

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091123\
 Data File : BF135163.D
 Acq On : 11 Sep 2023 14:54
 Operator : CG\JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/12/2023
 Supervised By :mohammad ahmed 09/13/2023

Quant Time: Sep 12 00:11:40 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 00:05:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	104159	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	418623	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	212268	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	416597	20.000	ng	0.00
76) Chrysene-d12	13.945	240	211067	20.000	ng	0.00
86) Perylene-d12	15.409	264	204799	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	511696	79.902	ng	0.00
7) Phenol-d6	6.404	99	654176	80.334	ng	0.00
23) Nitrobenzene-d5	7.333	82	613206	79.583	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	166033	78.710	ng	0.00
45) 2-Fluorobiphenyl	9.127	172	1081521	76.870	ng	0.00
79) Terphenyl-d14	12.892	244	1063079	78.078	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.469	88	111693	39.785	ng	100
3) Pyridine	3.216	79	310209	41.055	ng	100
4) n-Nitrosodimethylamine	3.187	42	164070	40.920	ng	100
6) Aniline	6.433	93	427896	40.071	ng	100
8) 2-Chlorophenol	6.551	128	275096	40.240	ng	100
9) Benzaldehyde	6.322	77	181777	39.185	ng	100
10) Phenol	6.422	94	359578	40.269	ng	100
11) bis(2-Chloroethyl)ether	6.510	93	270411	40.372	ng	100
12) 1,3-Dichlorobenzene	6.704	146	277563	39.950	ng	100
13) 1,4-Dichlorobenzene	6.781	146	280811	39.726	ng	100
14) 1,2-Dichlorobenzene	6.933	146	258607	39.396	ng	100
15) Benzyl Alcohol	6.910	79	236304	40.439	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.045	45	511029	40.477	ng	100
17) 2-Methylphenol	7.022	107	243943	40.436	ng	100
18) Hexachloroethane	7.275	117	105016	40.208	ng	100
19) n-Nitroso-di-n-propyla...	7.186	70	198649	39.384	ng	100
20) 3+4-Methylphenols	7.181	107	285035	39.292	ng	100
22) Acetophenone	7.181	105	371942	38.862	ng	100
24) Nitrobenzene	7.351	77	305578	40.124	ng	100
25) Isophorone	7.592	82	559388	39.536	ng	100
26) 2-Nitrophenol	7.663	139	146710	40.137	ng	100
27) 2,4-Dimethylphenol	7.704	122	240961	39.219	ng	100
28) bis(2-Chloroethoxy)met...	7.798	93	329873	38.953	ng	100
29) 2,4-Dichlorophenol	7.904	162	225436	39.598	ng	100
30) 1,2,4-Trichlorobenzene	7.986	180	234662	39.435	ng	100
31) Naphthalene	8.069	128	801020	39.382	ng	100
32) Benzoic acid	7.833	122	193194m	42.161	ng	
33) 4-Chloroaniline	8.122	127	351726	39.414	ng	100
34) Hexachlorobutadiene	8.180	225	141074	39.317	ng	100
35) Caprolactam	8.498	113	75383m	39.458	ng	
36) 4-Chloro-3-methylphenol	8.604	107	252027	39.831	ng	100
37) 2-Methylnaphthalene	8.757	142	529332	38.716	ng	100
38) 1-Methylnaphthalene	8.857	142	496867	38.816	ng	100
40) 1,2,4,5-Tetrachloroben...	8.922	216	245185	39.870	ng	100
41) Hexachlorocyclopentadiene	8.910	237	93538	38.718	ng	100
43) 2,4,6-Trichlorophenol	9.039	196	160958	39.976	ng	100

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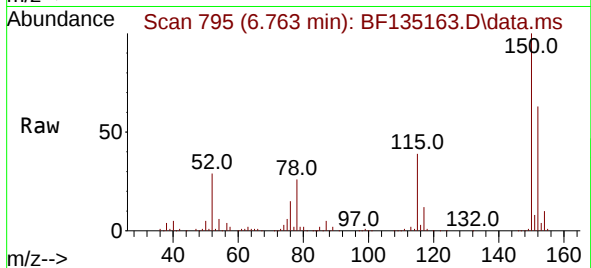
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.080	196	187268	40.387	ng	100
46) 1,1'-Biphenyl	9.227	154	647709	39.706	ng	100
47) 2-Chloronaphthalene	9.251	162	465073	39.294	ng	100
48) 2-Nitroaniline	9.351	65	184734	40.176	ng	100
49) Acenaphthylene	9.663	152	779594	39.634	ng	100
50) Dimethylphthalate	9.533	163	556161	38.753	ng	100
51) 2,6-Dinitrotoluene	9.592	165	125357	39.873	ng	100
52) Acenaphthene	9.839	154	453658	39.041	ng	100
53) 3-Nitroaniline	9.763	138	147149	39.873	ng	100
54) 2,4-Dinitrophenol	9.874	184	62146	38.348	ng	100
55) Dibenzofuran	10.010	168	693325	39.101	ng	100
56) 4-Nitrophenol	9.927	139	97787	41.692	ng	100
57) 2,4-Dinitrotoluene	10.004	165	159647	40.561	ng	100
58) Fluorene	10.351	166	529524	38.845	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.127	232	141405	39.644	ng	100
60) Diethylphthalate	10.233	149	568740	39.488	ng	100
61) 4-Chlorophenyl-phenyle...	10.345	204	252437	38.551	ng	100
62) 4-Nitroaniline	10.380	138	143284	40.391	ng	100
63) Azobenzene	10.510	77	555591	39.414	ng	100
65) 4,6-Dinitro-2-methylph...	10.410	198	87546	39.566	ng	100
66) n-Nitrosodiphenylamine	10.469	169	485988	38.533	ng	100
67) 4-Bromophenyl-phenylether	10.839	248	159154	38.412	ng	100
68) Hexachlorobenzene	10.904	284	163759	38.795	ng	100
69) Atrazine	10.998	200	130654	38.500	ng	100
70) Pentachlorophenol	11.098	266	105629	41.927	ng	100
71) Phenanthrene	11.321	178	766761	38.915	ng	100
72) Anthracene	11.368	178	780539	38.540	ng	100
73) Carbazole	11.527	167	719061	39.002	ng	100
74) Di-n-butylphthalate	11.863	149	852369	39.235	ng	100
75) Fluoranthene	12.510	202	800390	38.985	ng	100
77) Benzidine	12.639	184	155428	35.945	ng	100
78) Pyrene	12.739	202	798592	39.740	ng	100
80) Butylbenzylphthalate	13.368	149	290355	41.039	ng	100
81) Benzo(a)anthracene	13.939	228	536457	39.361	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	170145	39.967	ng	100
83) Chrysene	13.974	228	533250	39.353	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	294065	40.503	ng	100
85) Di-n-octyl phthalate	14.551	149	472849	40.981	ng	100
87) Indeno(1,2,3-cd)pyrene	16.880	276	563706	41.980	ng	100
88) Benzo(b)fluoranthene	14.986	252	441186	39.795	ng	100
89) Benzo(k)fluoranthene	15.015	252	431283	39.381	ng	100
90) Benzo(a)pyrene	15.345	252	429028	40.580	ng	100
91) Dibenzo(a,h)anthracene	16.898	278	455674	41.474	ng	100
92) Benzo(g,h,i)perylene	17.327	276	483591	42.145	ng	100

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: BF135163.D
 Acq: 11 Sep 2023 14:54

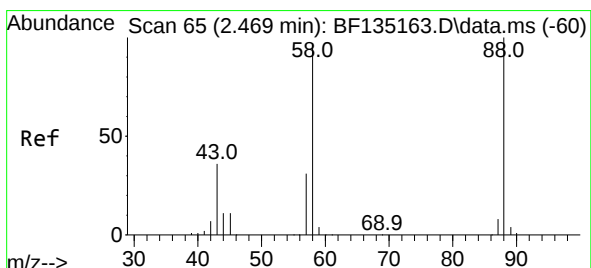
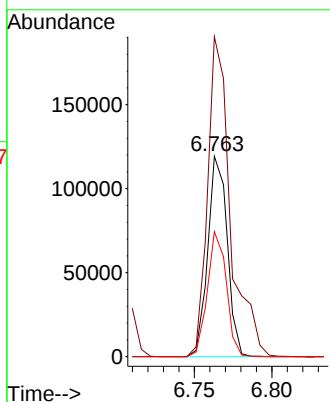
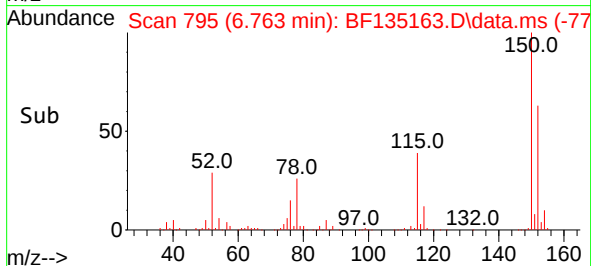
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040



Tgt Ion:152 Resp: 104159
 Ion Ratio Lower Upper
 152 100
 150 159.7 127.8 191.6
 115 62.3 49.8 74.8

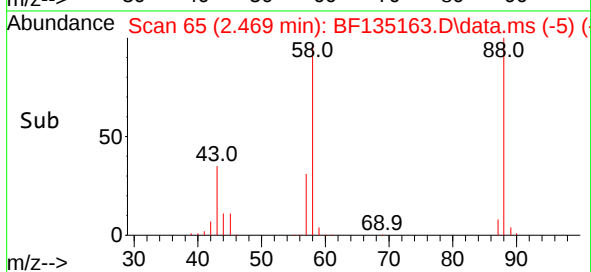
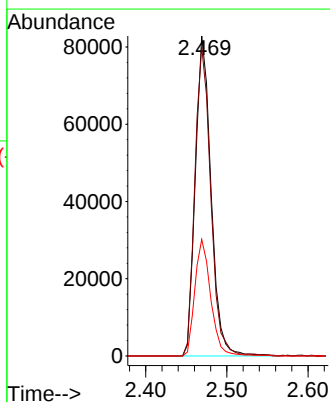
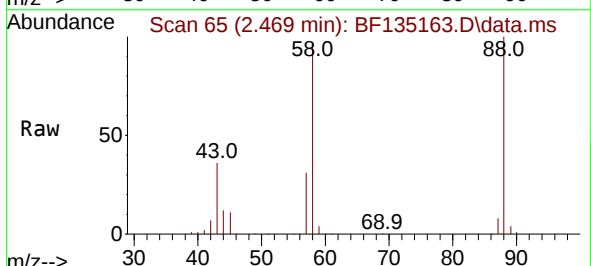
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/12/2023
 Supervised By :mohammad ahmed 09/13/2023



#2
 1,4-Dioxane
 Concen: 39.785 ng
 RT: 2.469 min Scan# 65
 Delta R.T. 0.000 min
 Lab File: BF135163.D
 Acq: 11 Sep 2023 14:54

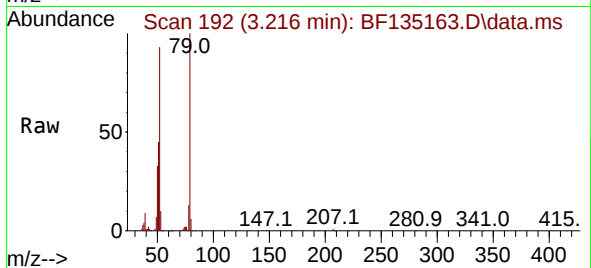
Tgt Ion: 88 Resp: 111693
 Ion Ratio Lower Upper
 88 100
 58 97.9 78.3 117.5
 43 36.7 29.4 44.0





#3
Pyridine
Concen: 41.055 ng
RT: 3.216 min Scan# 192
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54

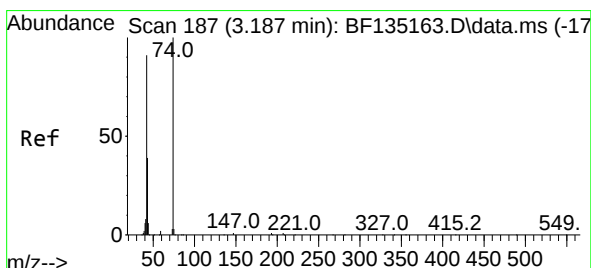
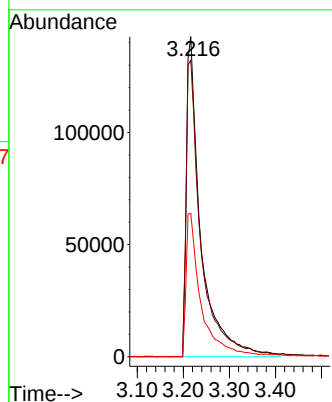
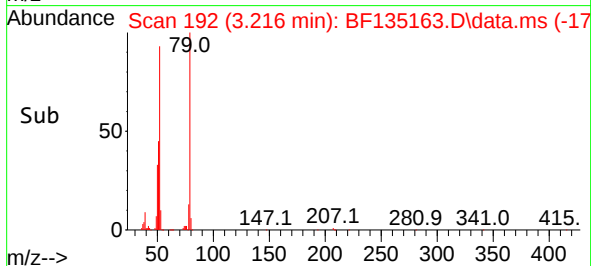
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



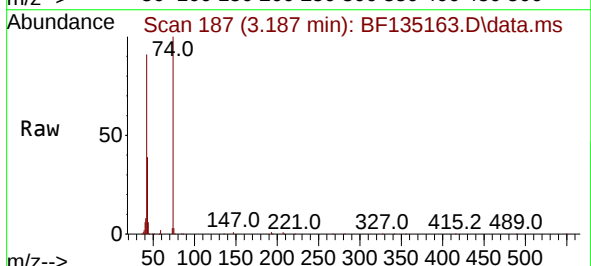
Tgt Ion: 79 Resp: 310209
Ion Ratio Lower Upper
79 100
52 92.6 74.1 111.1
51 44.8 35.8 53.8

Manual Integrations
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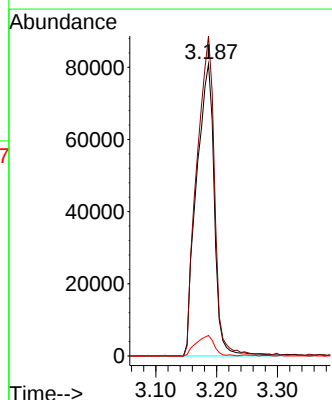
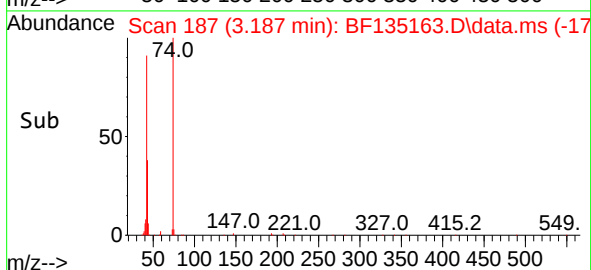
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

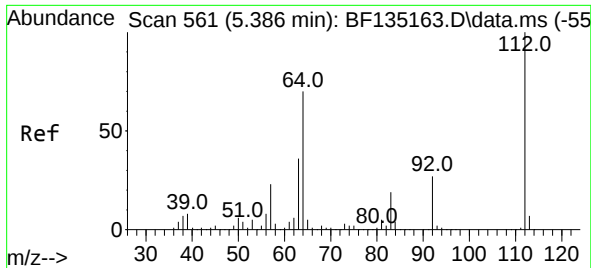


#4
n-Nitrosodimethylamine
Concen: 40.920 ng
RT: 3.187 min Scan# 187
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54



Tgt Ion: 42 Resp: 164070
Ion Ratio Lower Upper
42 100
74 109.6 87.7 131.5
44 7.0 5.6 8.4





#5
2-Fluorophenol
Concen: 79.902 ng
RT: 5.386 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54

Instrument :

BNA_F

ClientSampleId :

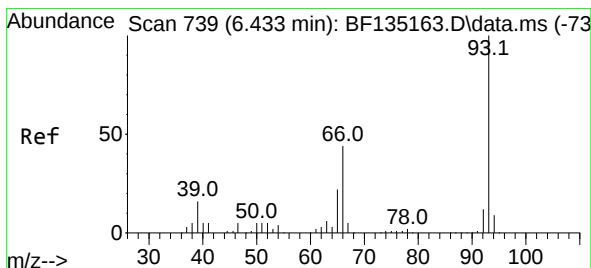
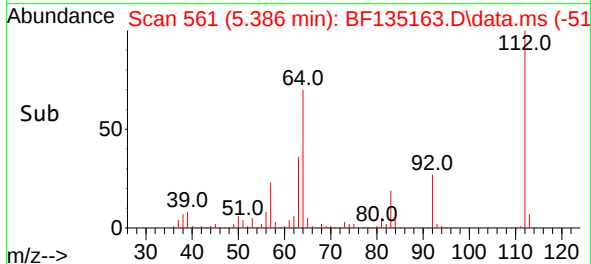
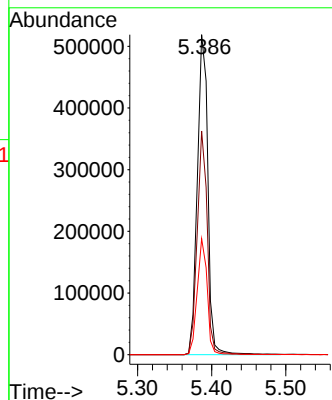
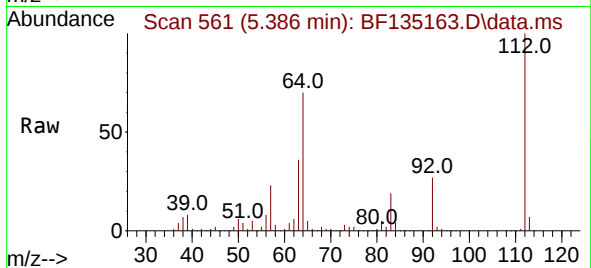
SSTDICCC040

Tgt Ion:112 Resp: 511690
Ion Ratio Lower Upper
112 100
64 69.9 55.9 83.9
63 36.3 29.0 43.6

Manual Integrations

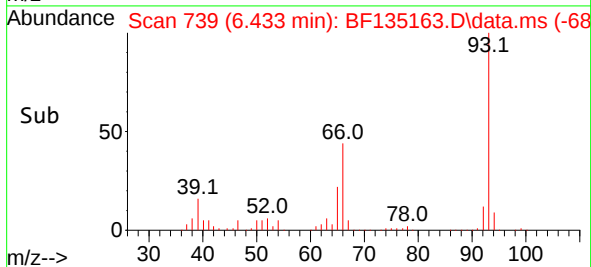
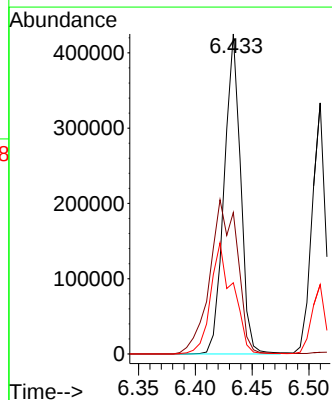
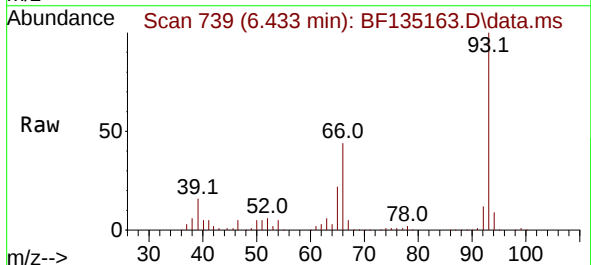
APPROVED

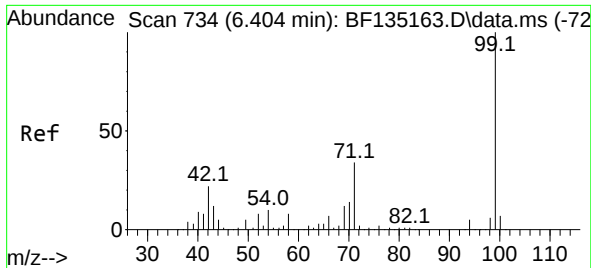
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#6
Aniline
Concen: 40.071 ng
RT: 6.433 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54

Tgt Ion: 93 Resp: 427896
Ion Ratio Lower Upper
93 100
66 44.2 35.4 53.0
65 22.3 17.8 26.8





#7

Phenol-d6

Concen: 80.334 ng

RT: 6.404 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135163.D

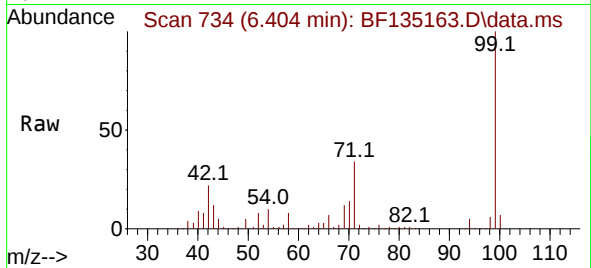
Acq: 11 Sep 2023 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



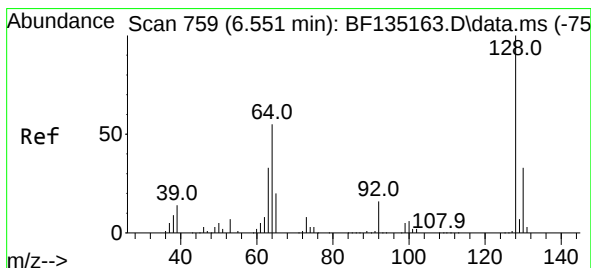
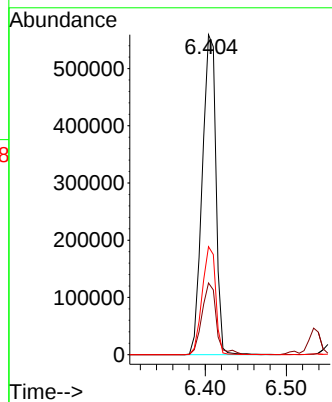
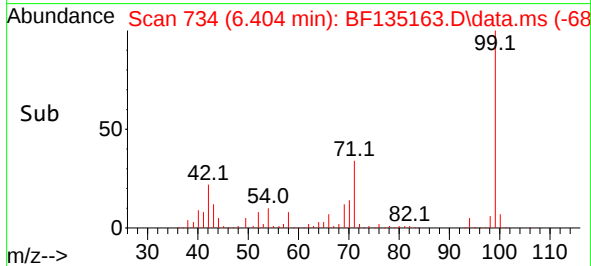
Tgt Ion:	99	Resp:	654170
Ion Ratio	Lower	Upper	
99	100		
42	22.4	17.9	26.9
71	33.8	27.0	40.6

Manual Integrations

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Supervised By :mohammad ahmed 09/13/2023



#8

2-Chlorophenol

Concen: 40.240 ng

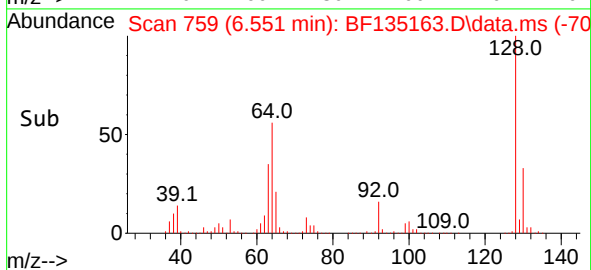
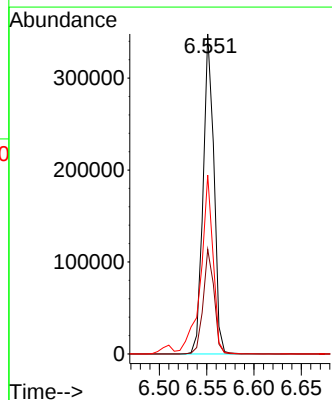
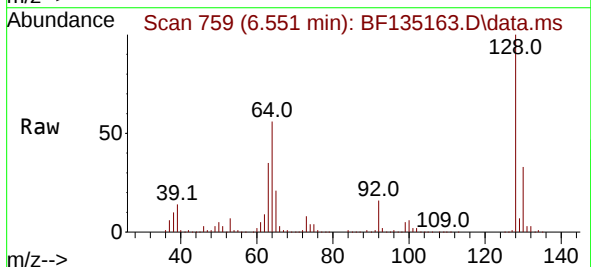
RT: 6.551 min Scan# 759

Delta R.T. 0.000 min

Lab File: BF135163.D

Acq: 11 Sep 2023 14:54

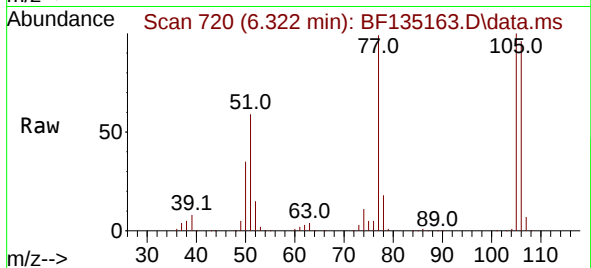
Tgt Ion:	128	Resp:	275096
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.7	52.7
64	55.9	35.9	75.9





#9
Benzaldehyde
Concen: 39.185 ng
RT: 6.322 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54

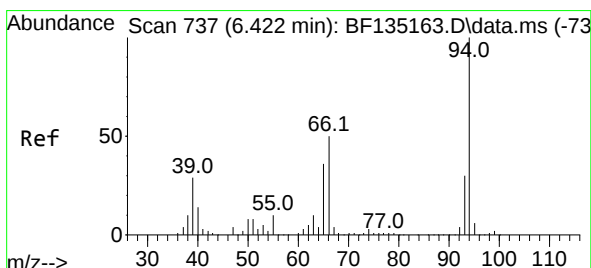
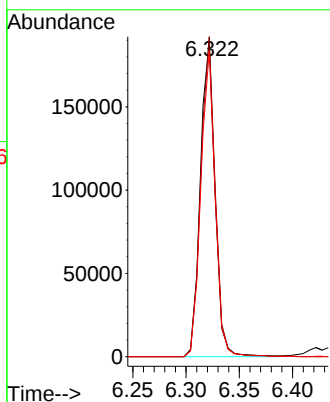
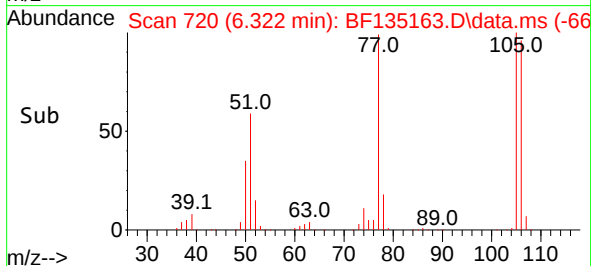
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion: 77 Resp: 18177
Ion Ratio Lower Upper
77 100
105 101.4 81.4 121.4
106 96.9 76.9 116.9

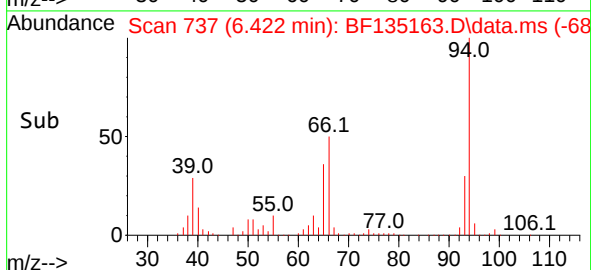
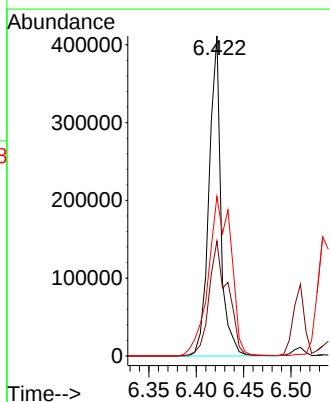
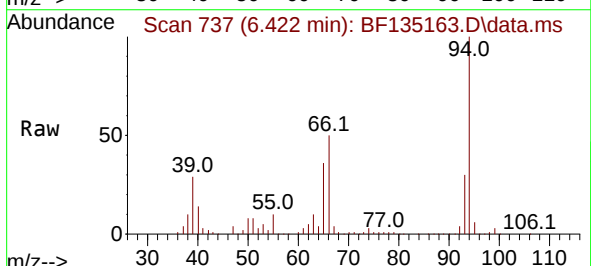
Manual Integrations
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Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#10
Phenol
Concen: 40.269 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54

Tgt Ion: 94 Resp: 359578
Ion Ratio Lower Upper
94 100
65 35.9 15.9 55.9
66 49.8 29.8 69.8





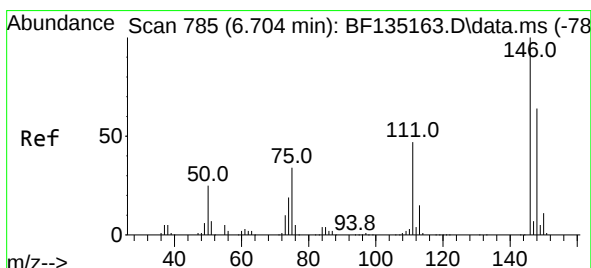
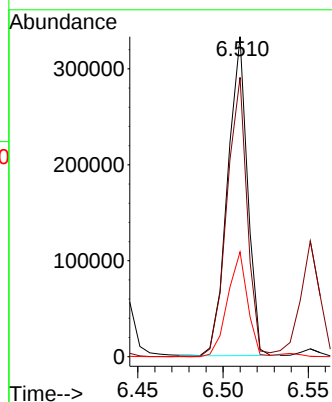
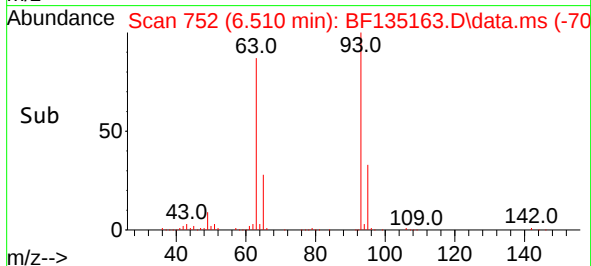
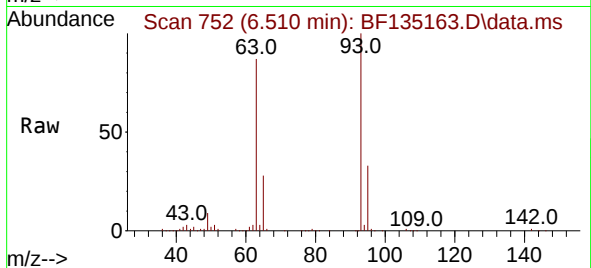
#11
bis(2-Chloroethyl)ether
Concen: 40.372 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 27041
Ion Ratio Lower Upper
93 100
63 87.3 67.3 107.3
95 32.7 12.7 52.7

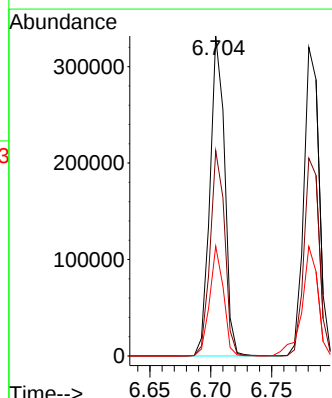
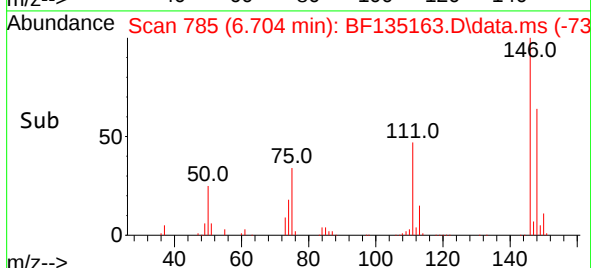
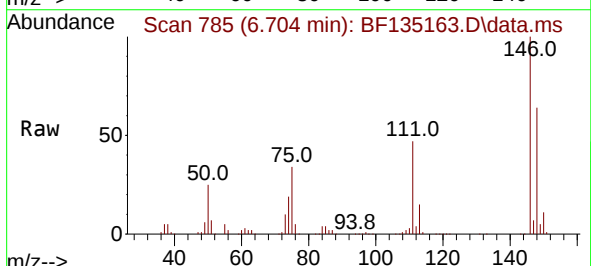
Manual Integrations
APPROVED

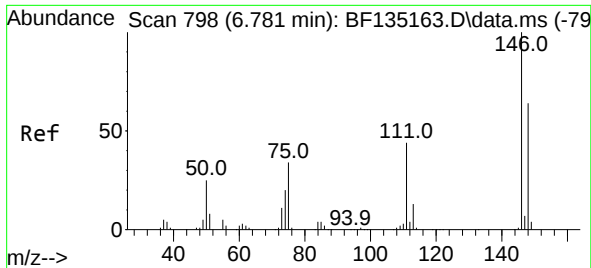
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#12
1,3-Dichlorobenzene
Concen: 39.950 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54

Tgt Ion:146 Resp: 277563
Ion Ratio Lower Upper
146 100
148 64.1 51.3 76.9
75 34.3 27.4 41.2





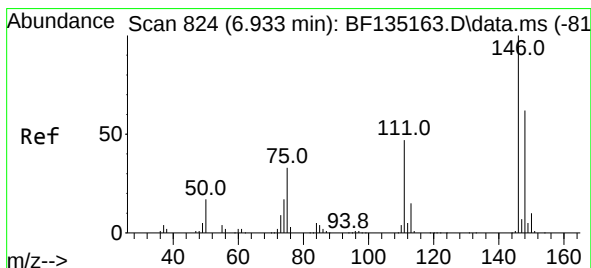
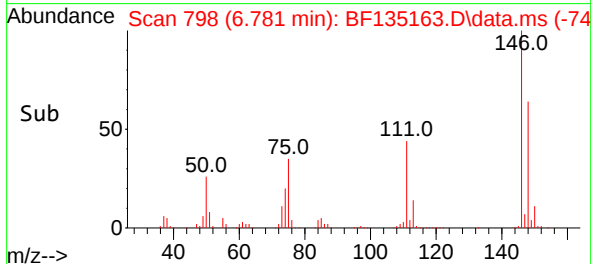
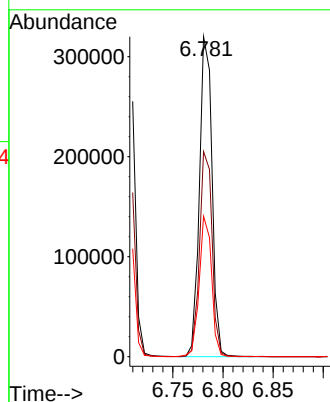
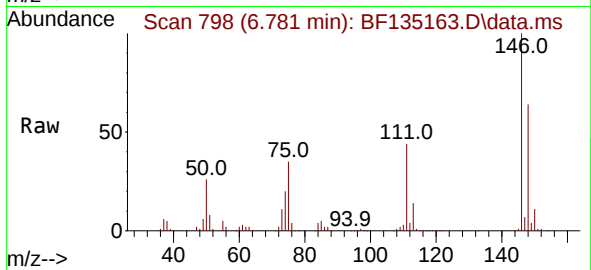
#13
1,4-Dichlorobenzene
Concen: 39.726 ng
RT: 6.781 min Scan# 798
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:146 Resp: 28081
Ion Ratio Lower Upper
146 100
148 64.1 51.3 76.9
111 43.9 35.1 52.7

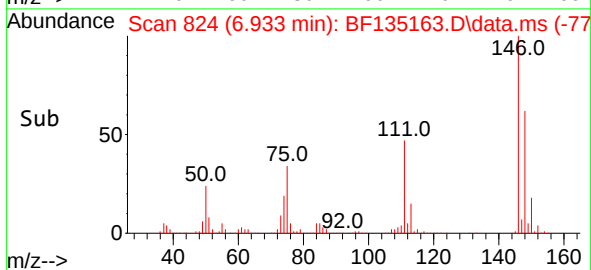
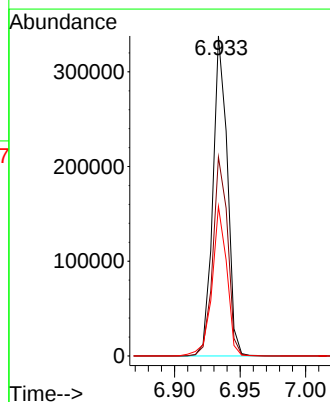
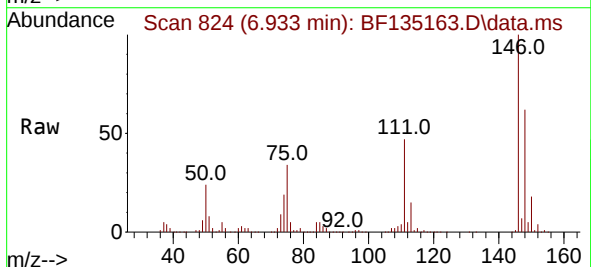
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#14
1,2-Dichlorobenzene
Concen: 39.396 ng
RT: 6.933 min Scan# 824
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54

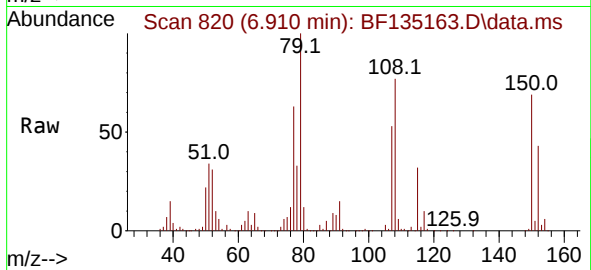
Tgt Ion:146 Resp: 258607
Ion Ratio Lower Upper
146 100
148 62.1 49.7 74.5
111 46.8 37.4 56.2





#15
Benzyl Alcohol
Concen: 40.439 ng
RT: 6.910 min Scan# 820
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54

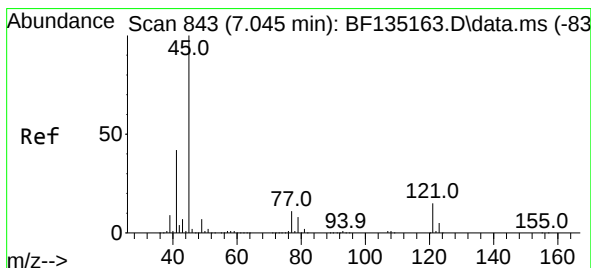
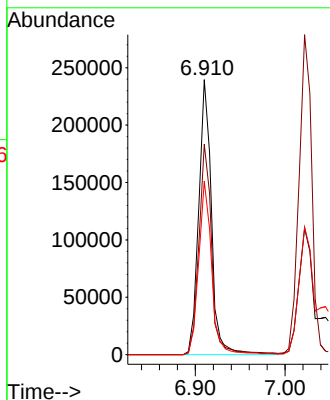
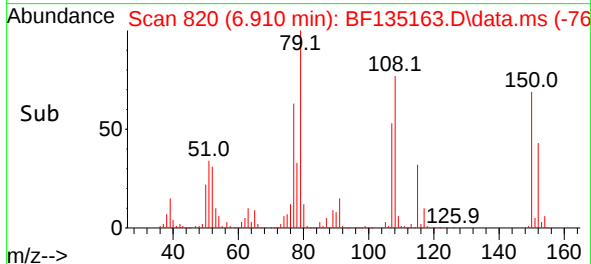
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion: 79 Resp: 236304
Ion Ratio Lower Upper
79 100
108 76.5 61.2 91.8
77 63.1 50.5 75.7

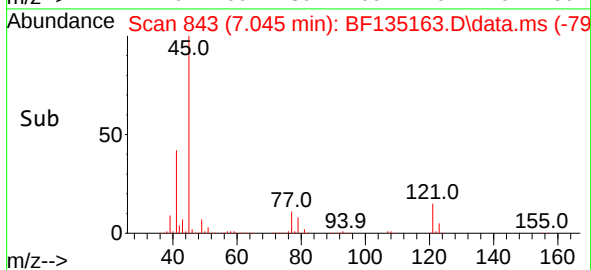
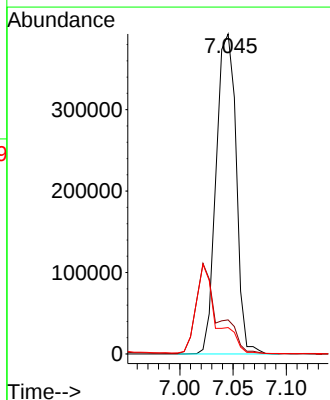
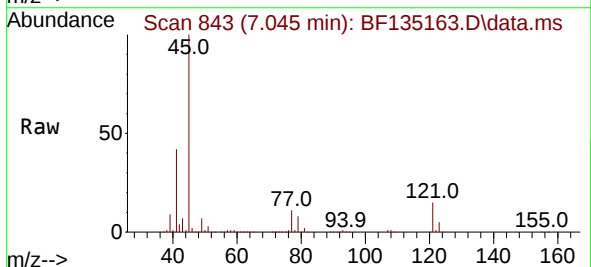
Manual Integrations
APPROVED

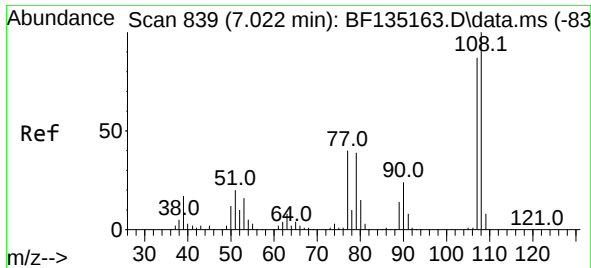
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.477 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54

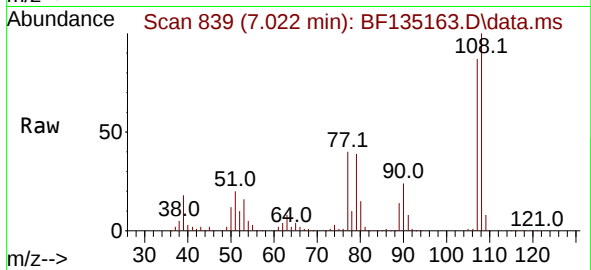
Tgt Ion: 45 Resp: 511029
Ion Ratio Lower Upper
45 100
77 10.6 0.0 30.6
79 8.3 0.0 28.3





#17
2-Methylphenol
Concen: 40.436 ng
RT: 7.022 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54

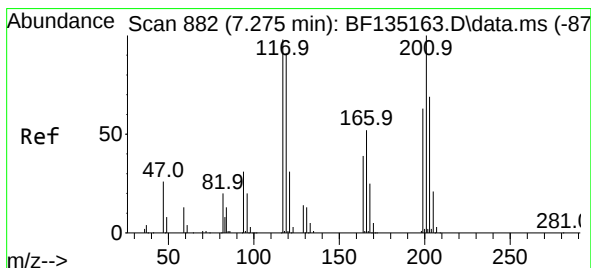
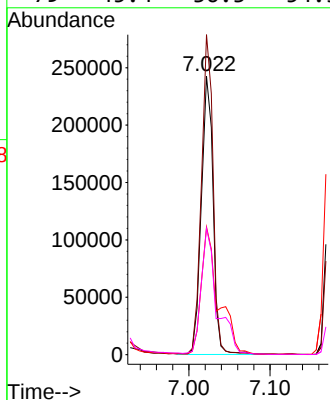
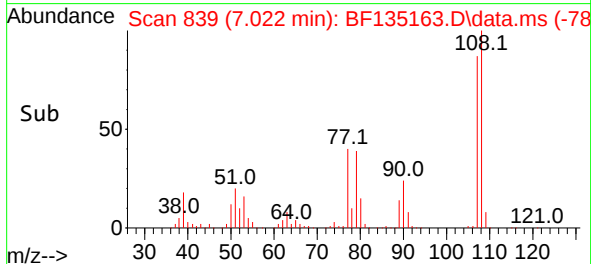
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



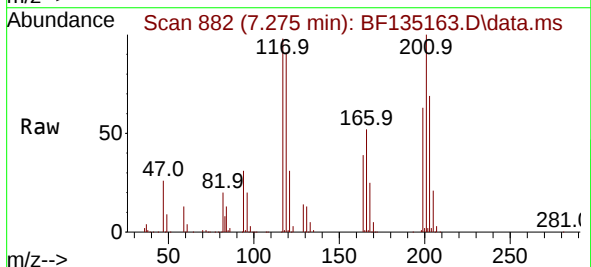
Tgt Ion:107 Resp: 24394
Ion Ratio Lower Upper
107 100
108 115.0 92.0 138.0
77 45.9 36.7 55.1
79 45.4 36.3 54.5

Manual Integrations
APPROVED

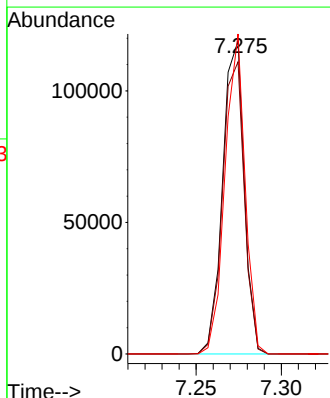
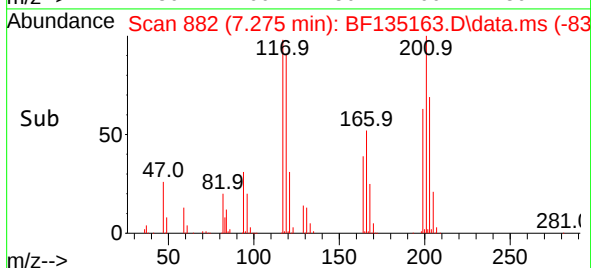
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#18
Hexachloroethane
Concen: 40.208 ng
RT: 7.275 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54



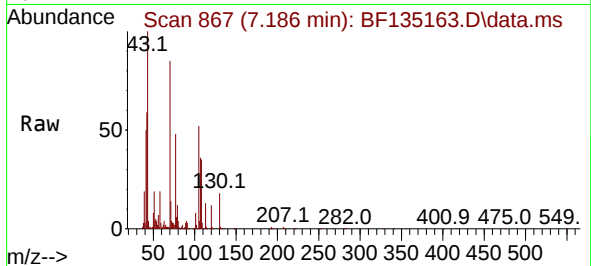
Tgt Ion:117 Resp: 105016
Ion Ratio Lower Upper
117 100
119 93.4 74.7 112.1
201 102.3 81.8 122.8





#19
n-Nitroso-di-n-propylamine
Concen: 39.384 ng
RT: 7.186 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54

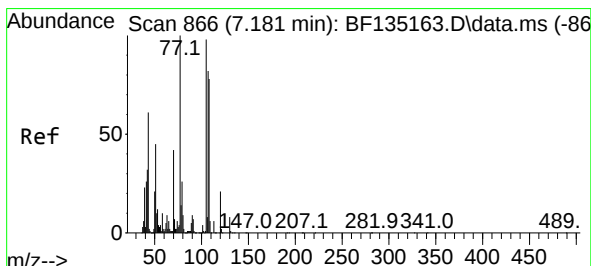
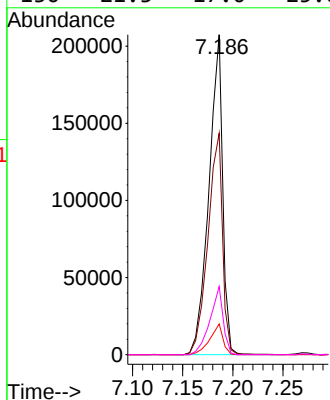
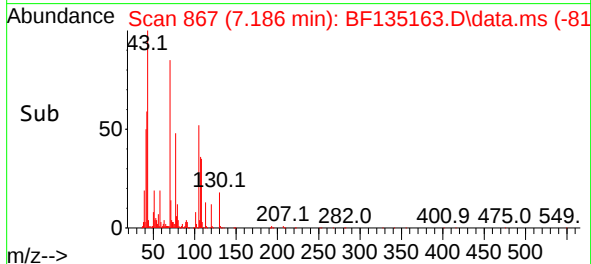
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



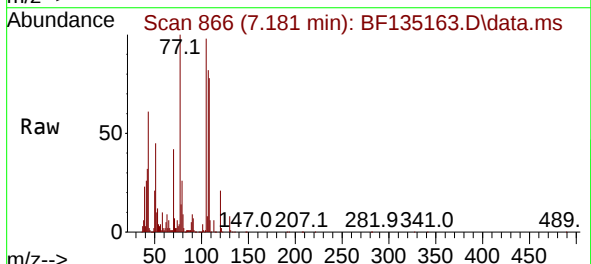
Tgt Ion: 70 Resp: 198649
Ion Ratio Lower Upper
70 100
42 69.2 55.4 83.0
101 9.6 7.7 11.5
130 21.3 17.0 25.6

Manual Integrations
APPROVED

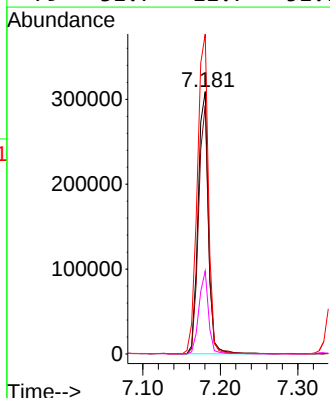
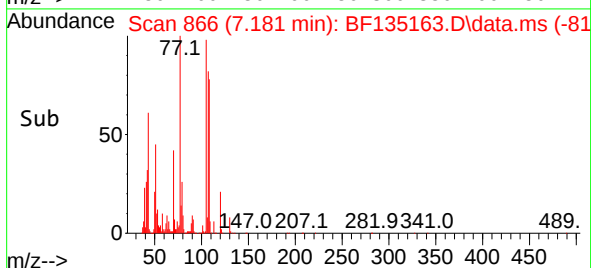
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

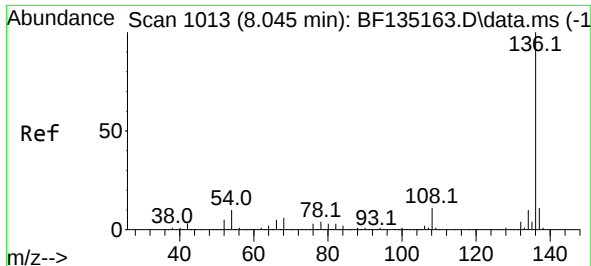


#20
3+4-Methylphenols
Concen: 39.292 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54



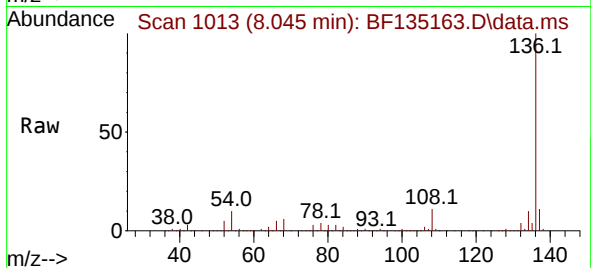
Tgt Ion:107 Resp: 285035
Ion Ratio Lower Upper
107 100
108 94.7 74.7 114.7
77 122.0 102.0 142.0
79 31.7 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54

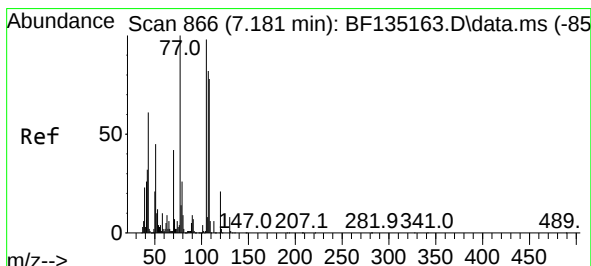
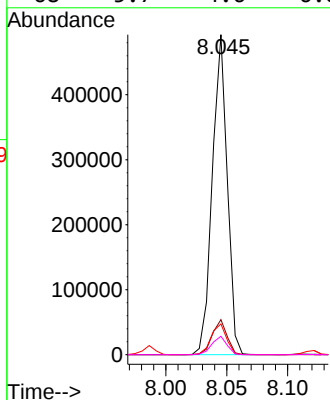
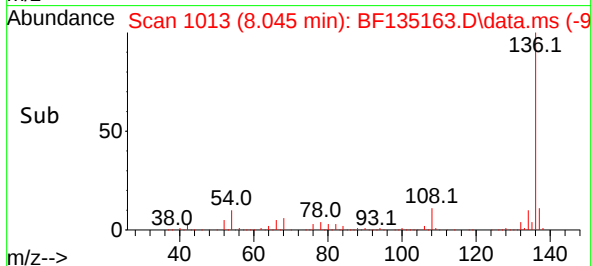
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:136 Resp: 418623
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.6 7.7 11.5
68 5.7 4.6 6.8

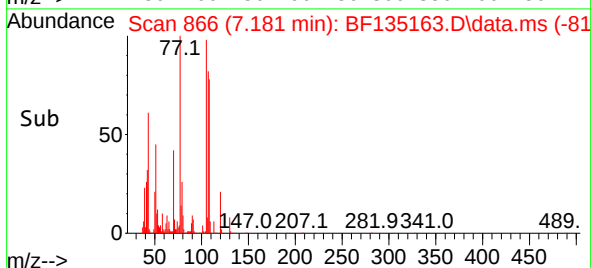
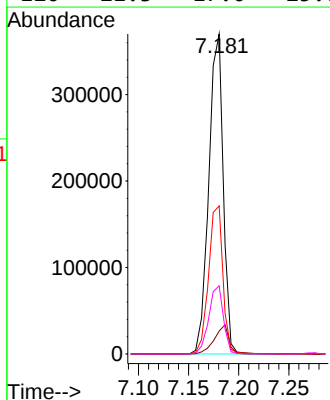
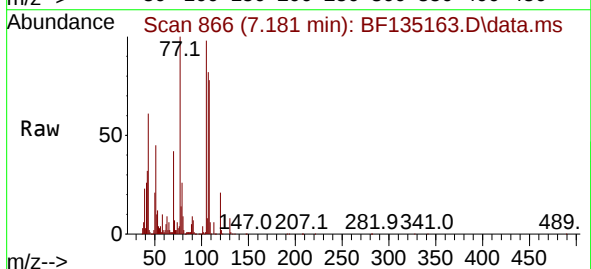
Manual Integrations
APPROVED

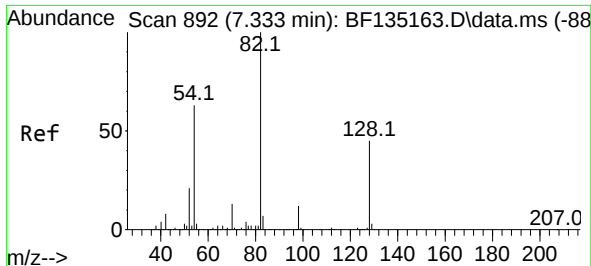
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#22
Acetophenone
Concen: 38.862 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54

Tgt Ion:105 Resp: 371942
Ion Ratio Lower Upper
105 100
71 7.2 5.8 8.6
51 46.2 37.0 55.4
120 21.3 17.0 25.6





#23

Nitrobenzene-d5

Concen: 79.583 ng

RT: 7.333 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF135163.D

Acq: 11 Sep 2023 14:54

Instrument :

BNA_F

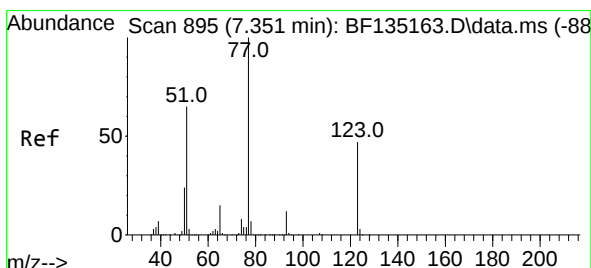
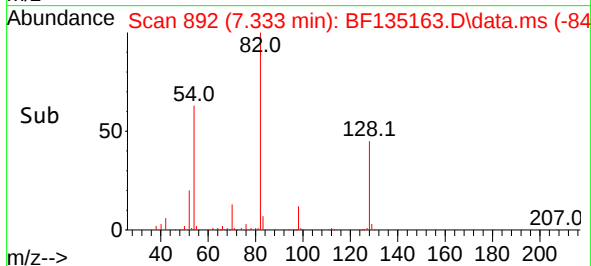
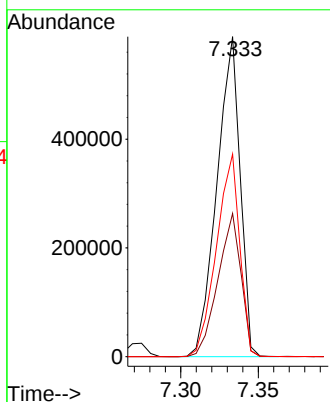
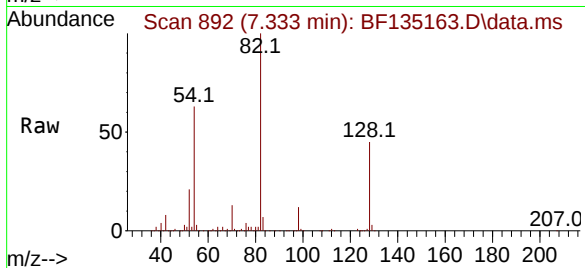
ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 613200
 Ion Ratio Lower Upper
 82 100
 128 44.7 35.8 53.6
 54 63.3 50.6 76.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/12/2023
 Supervised By :mohammad ahmed 09/13/2023



#24

Nitrobenzene

Concen: 40.124 ng

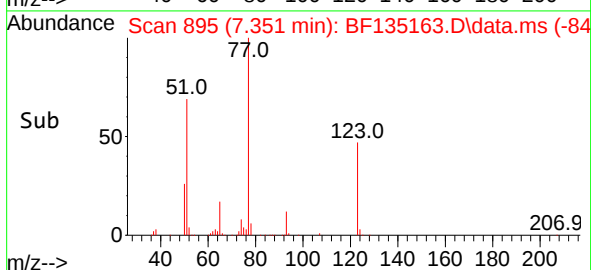
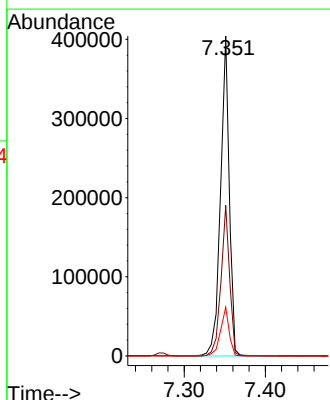
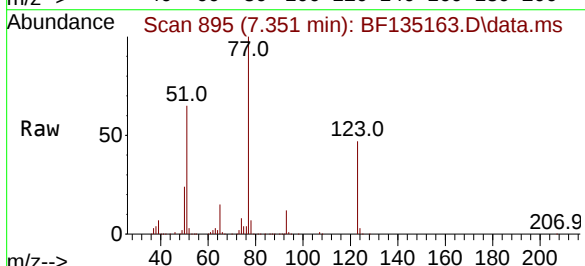
RT: 7.351 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF135163.D

Acq: 11 Sep 2023 14:54

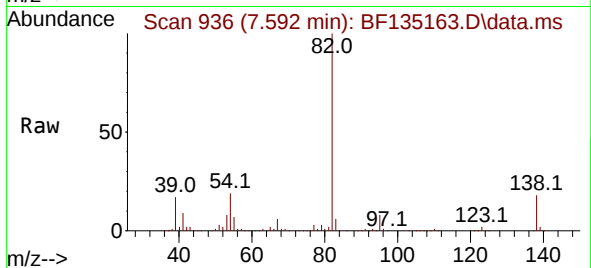
Tgt Ion: 77 Resp: 305578
 Ion Ratio Lower Upper
 77 100
 123 47.0 37.6 56.4
 65 15.3 12.2 18.4





#25
Isophorone
Concen: 39.536 ng
RT: 7.592 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54

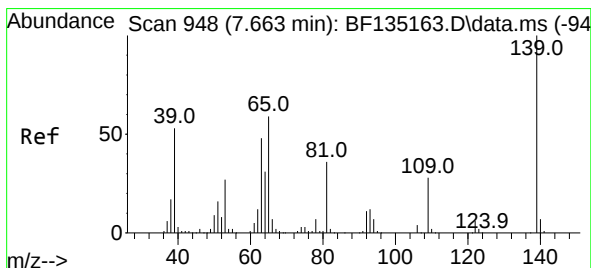
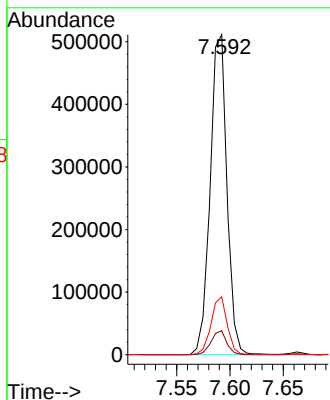
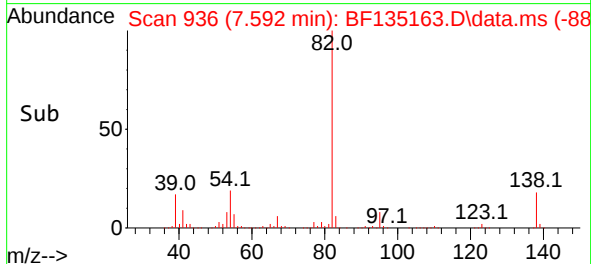
Instrument :
BNA_F
Client SampleId :
SSTDICCC040



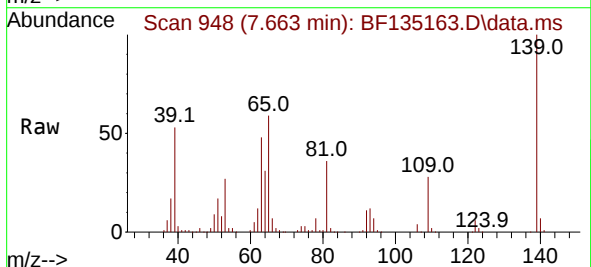
Tgt Ion: 82 Resp: 55938
Ion Ratio Lower Upper
82 100
95 7.5 6.0 9.0
138 18.1 14.5 21.7

Manual Integrations
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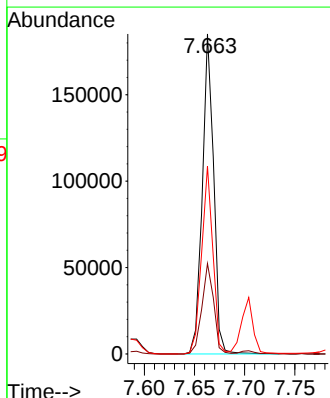
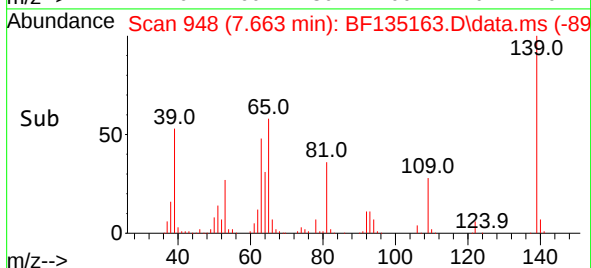
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#26
2-Nitrophenol
Concen: 40.137 ng
RT: 7.663 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54



Tgt Ion:139 Resp: 146710
Ion Ratio Lower Upper
139 100
109 28.2 22.6 33.8
65 58.7 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 39.219 ng

RT: 7.704 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135163.D

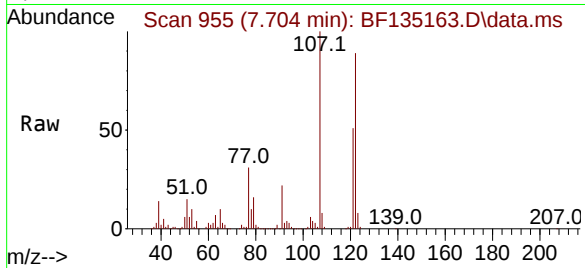
Acq: 11 Sep 2023 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



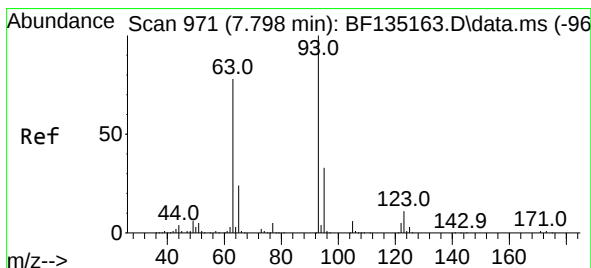
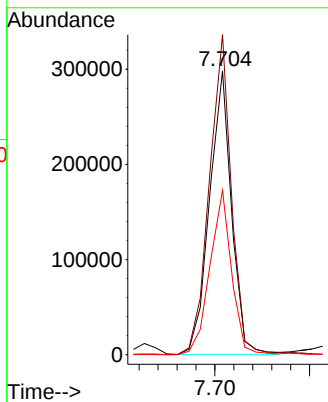
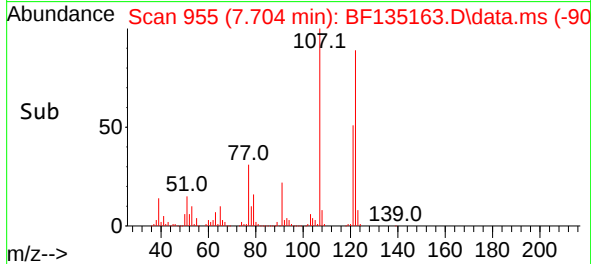
Tgt Ion	Ratio	Lower	Upper
122	100		
107	112.8	90.2	135.4
121	57.9	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/13/2023



#28

bis(2-Chloroethoxy)methane

Concen: 38.953 ng

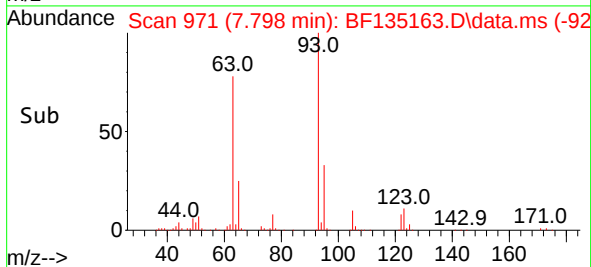
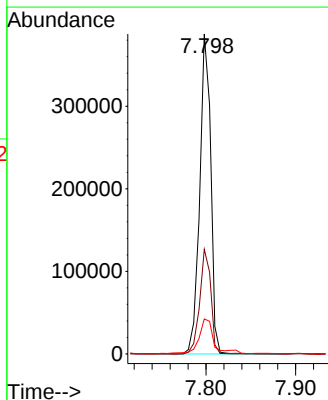
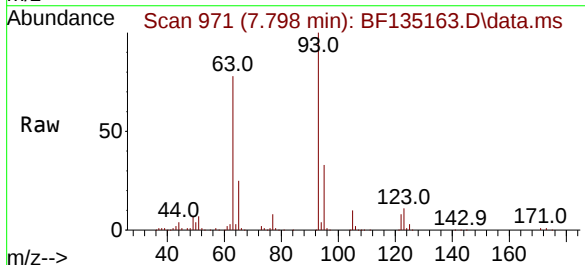
RT: 7.798 min Scan# 971

Delta R.T. 0.000 min

Lab File: BF135163.D

Acq: 11 Sep 2023 14:54

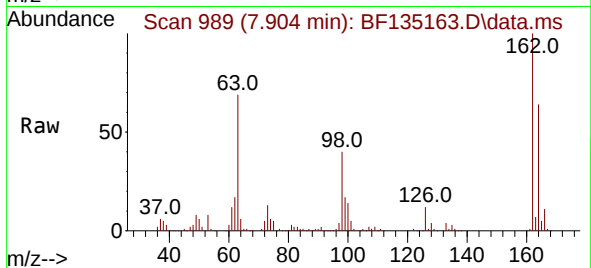
Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.2	39.2
123	11.0	8.8	13.2





#29
2,4-Dichlorophenol
Concen: 39.598 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54

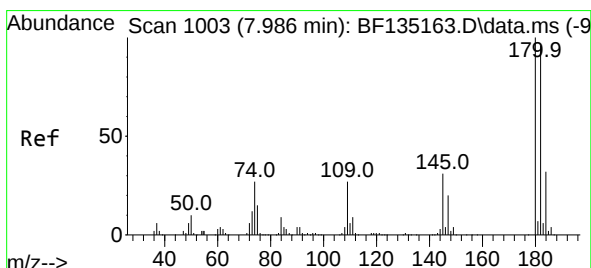
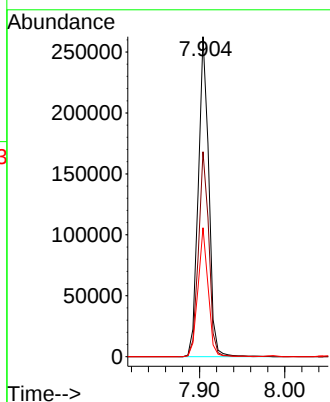
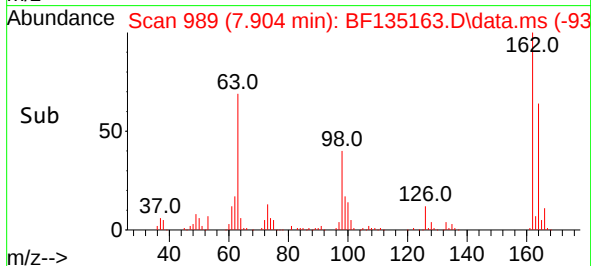
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



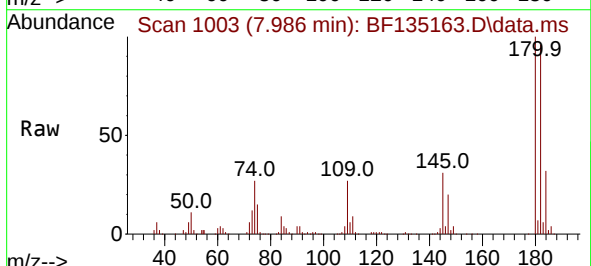
Tgt Ion:162 Resp: 225436
Ion Ratio Lower Upper
162 100
164 64.1 44.1 84.1
98 40.3 20.3 60.3

Manual Integrations
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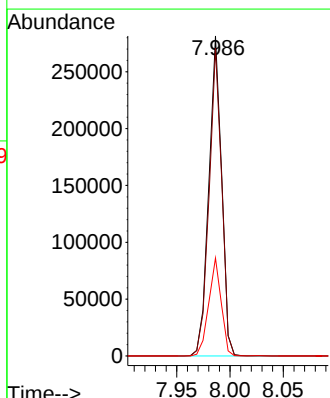
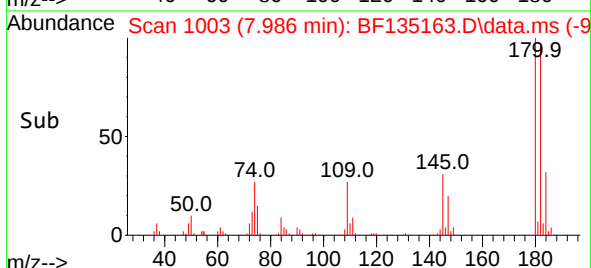
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

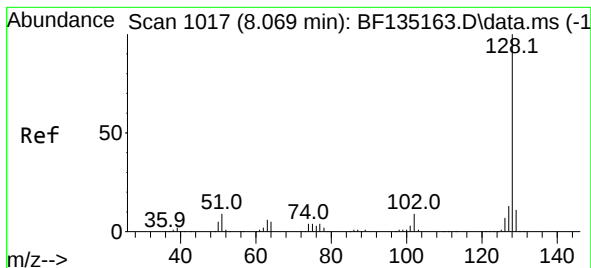


#30
1,2,4-Trichlorobenzene
Concen: 39.435 ng
RT: 7.986 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54



Tgt Ion:180 Resp: 234662
Ion Ratio Lower Upper
180 100
182 96.1 76.9 115.3
145 30.6 24.5 36.7





#31

Naphthalene

Concen: 39.382 ng

RT: 8.069 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BF135163.D

Acq: 11 Sep 2023 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:128 Resp: 801020

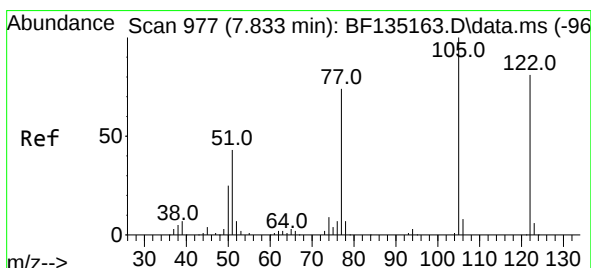
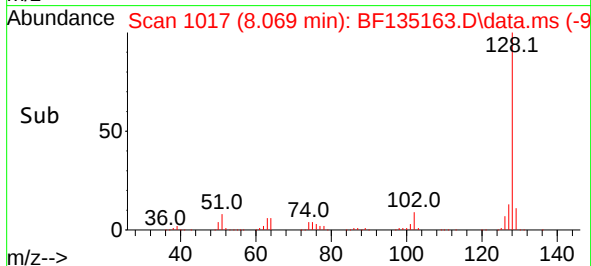
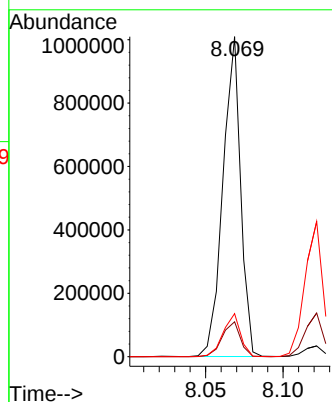
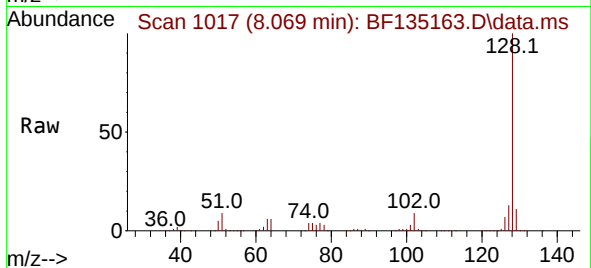
Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.4	10.7	16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/13/2023



#32

Benzoic acid

Concen: 42.161 ng m

RT: 7.833 min Scan# 977

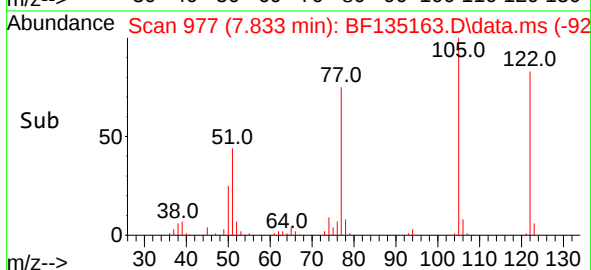
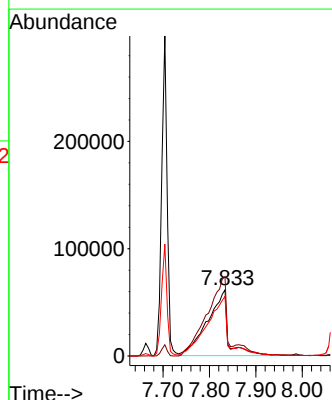
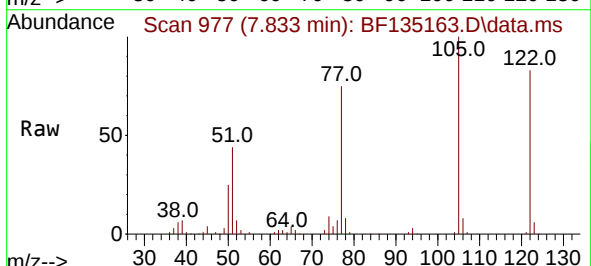
Delta R.T. 0.000 min

Lab File: BF135163.D

Acq: 11 Sep 2023 14:54

Tgt Ion:122 Resp: 193194

Ion	Ratio	Lower	Upper
122	100		
105	119.9	99.9	139.9
77	90.0	70.0	110.0





#33

4-Chloroaniline

Concen: 39.414 ng

RT: 8.122 min Scan# 1026

Delta R.T. 0.000 min

Lab File: BF135163.D

Acq: 11 Sep 2023 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

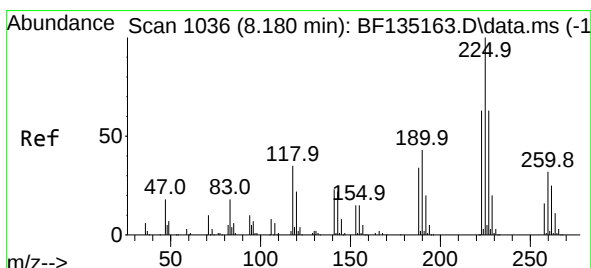
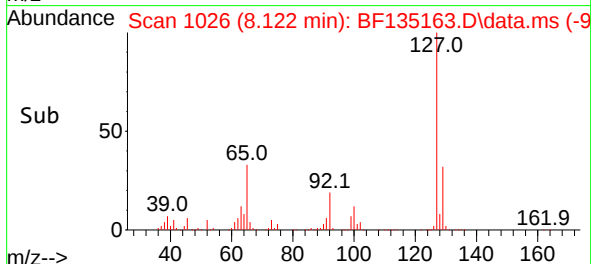
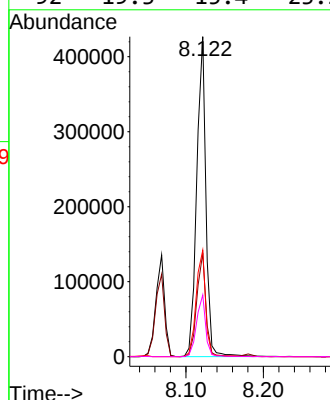
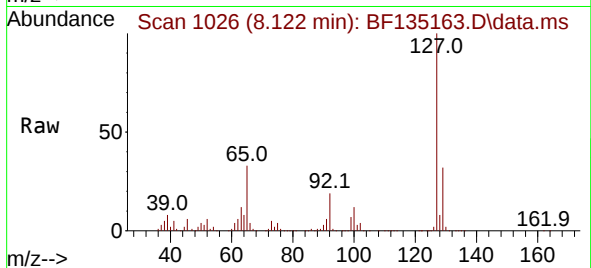
Tgt Ion:	127	Resp:	351720
Ion Ratio	Lower	Upper	
127	100		
129	32.3	25.8	38.8
65	33.2	26.6	39.8
92	19.3	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/13/2023



#34

Hexachlorobutadiene

Concen: 39.317 ng

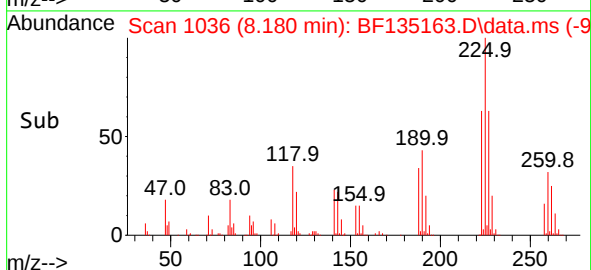
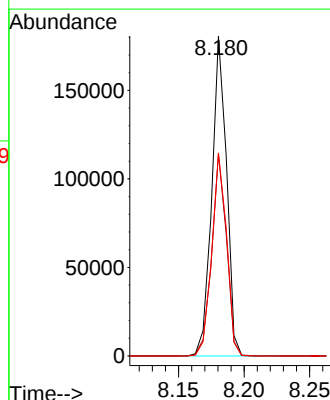
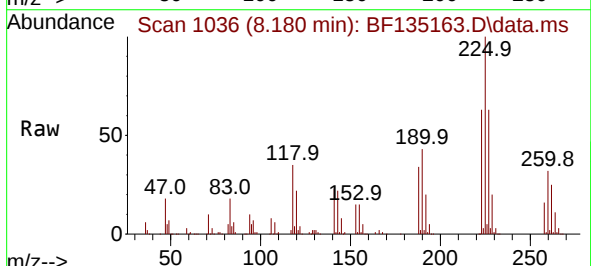
RT: 8.180 min Scan# 1036

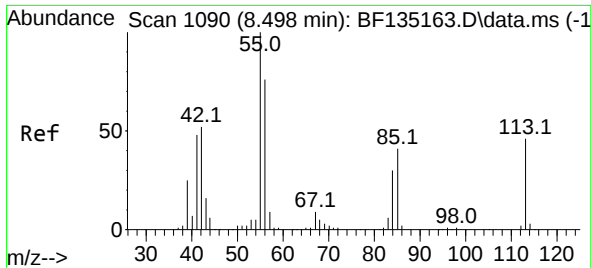
Delta R.T. 0.000 min

Lab File: BF135163.D

Acq: 11 Sep 2023 14:54

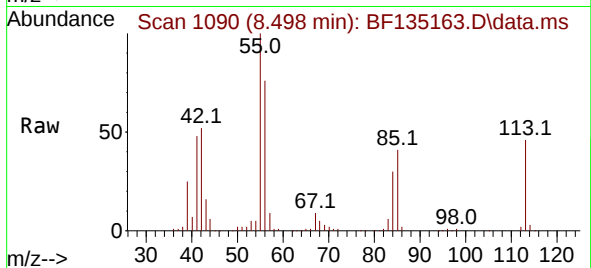
Tgt Ion:	225	Resp:	141074
Ion Ratio	Lower	Upper	
225	100		
223	63.2	50.6	75.8
227	63.5	50.8	76.2





#35
 Caprolactam
 Concen: 39.458 ng m
 RT: 8.498 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: BF135163.D
 Acq: 11 Sep 2023 14:54

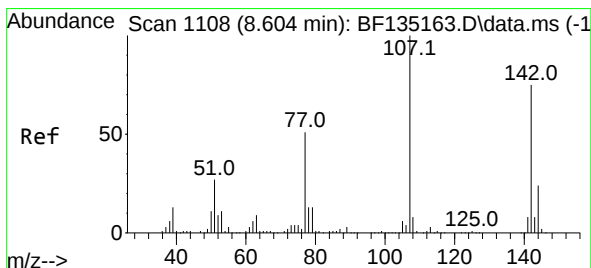
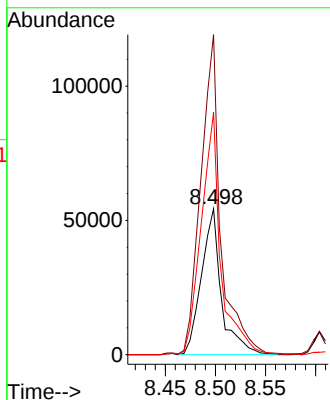
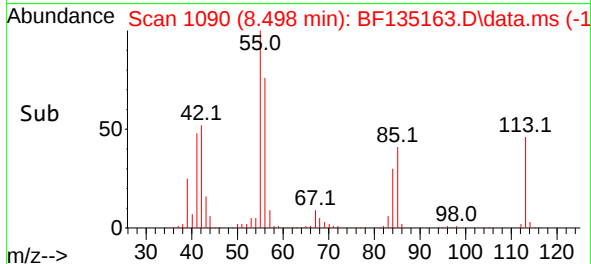
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040



Tgt Ion:113 Resp: 7538
 Ion Ratio Lower Upper
 113 100
 55 219.3 199.3 239.3
 56 166.3 146.3 186.3

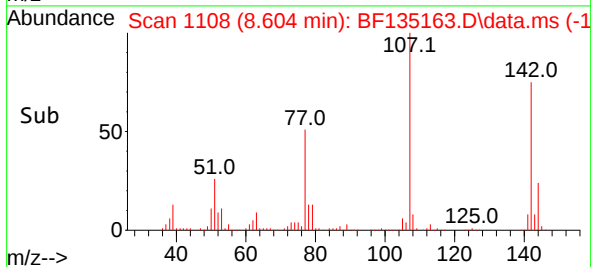
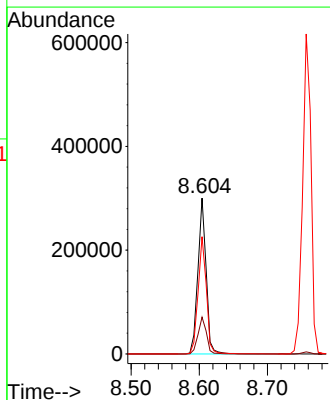
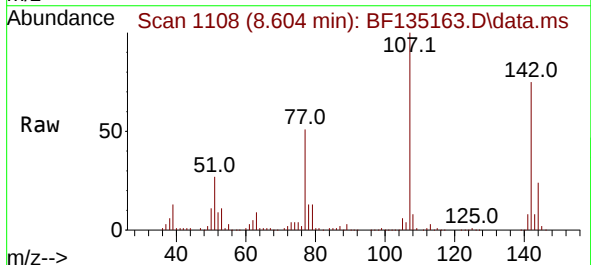
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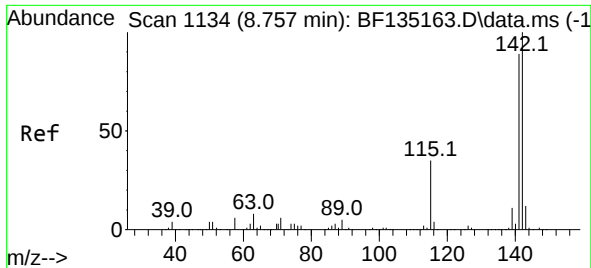
Reviewed By :Yogesh Patel 09/12/2023
 Supervised By :mohammad ahmed 09/13/2023



#36
 4-Chloro-3-methylphenol
 Concen: 39.831 ng
 RT: 8.604 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: BF135163.D
 Acq: 11 Sep 2023 14:54

Tgt Ion:107 Resp: 252027
 Ion Ratio Lower Upper
 107 100
 144 23.7 19.0 28.4
 142 75.2 60.2 90.2





#37

2-Methylnaphthalene

Concen: 38.716 ng

RT: 8.757 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135163.D

Acq: 11 Sep 2023 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:142 Resp: 52933

Ion Ratio Lower Upper

142 100

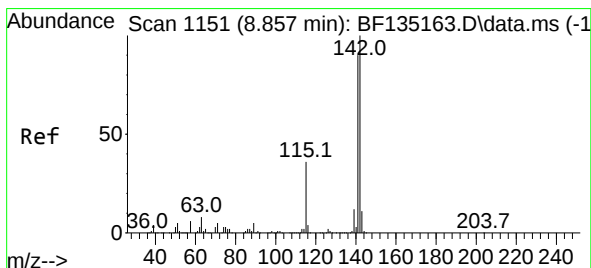
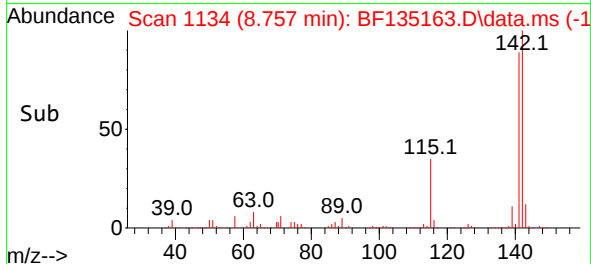
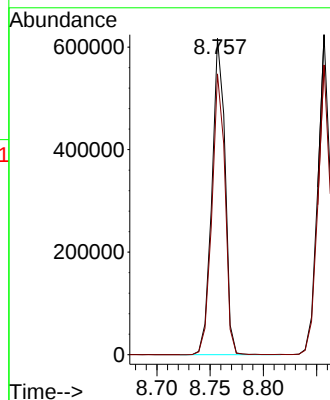
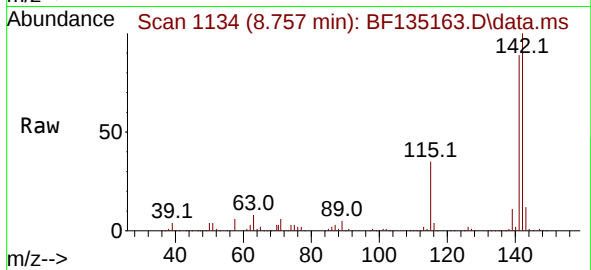
141 88.8 71.0 106.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/13/2023



#38

1-Methylnaphthalene

Concen: 38.816 ng

RT: 8.857 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF135163.D

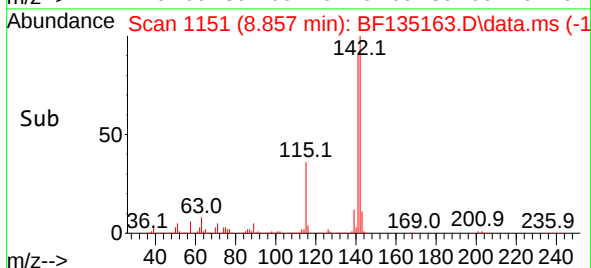
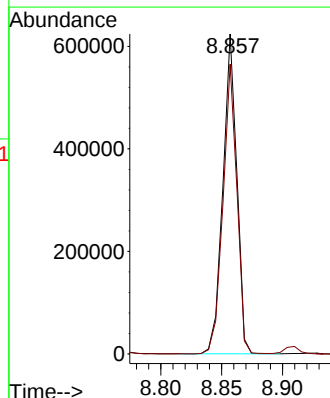
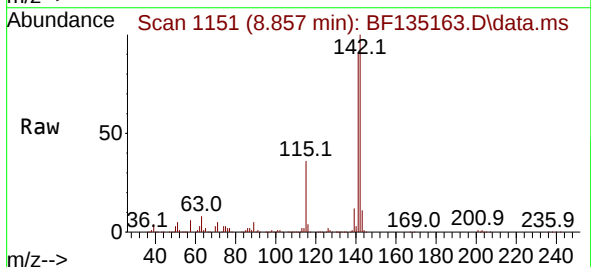
Acq: 11 Sep 2023 14:54

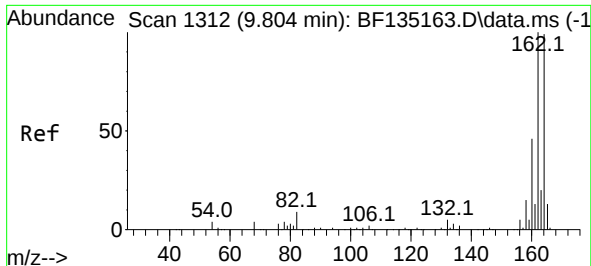
Tgt Ion:142 Resp: 496867

Ion Ratio Lower Upper

142 100

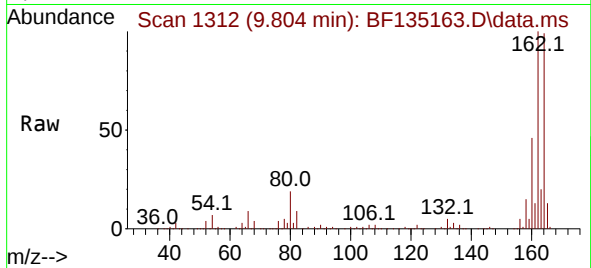
141 90.5 72.4 108.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1312
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54

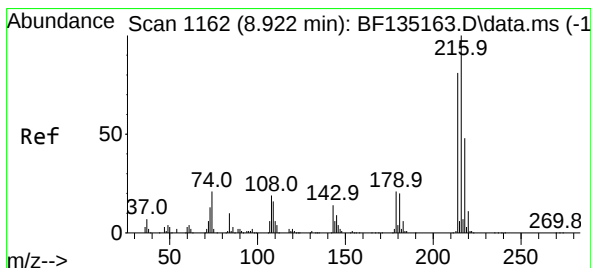
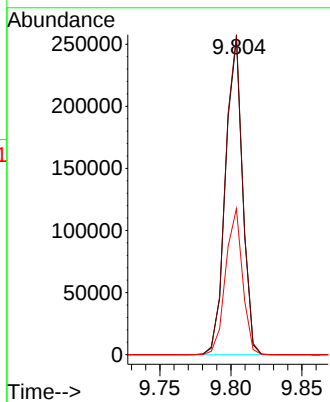
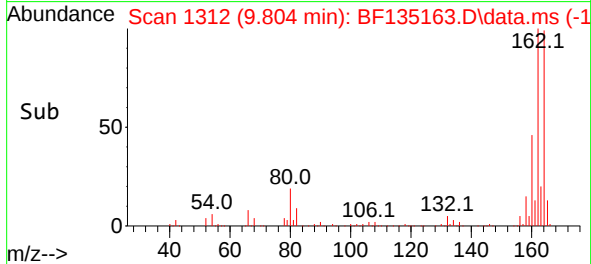
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



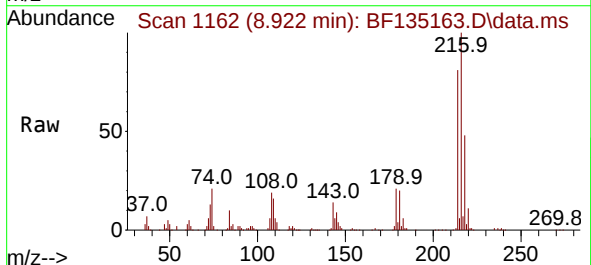
Tgt Ion:164 Resp: 212268
Ion Ratio Lower Upper
164 100
162 101.2 81.0 121.4
160 46.2 37.0 55.4

Manual Integrations
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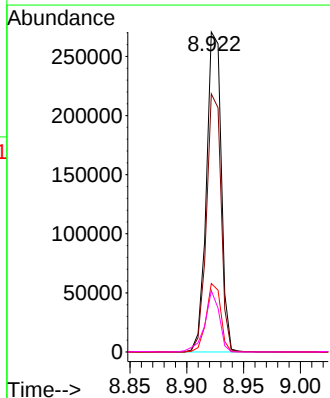
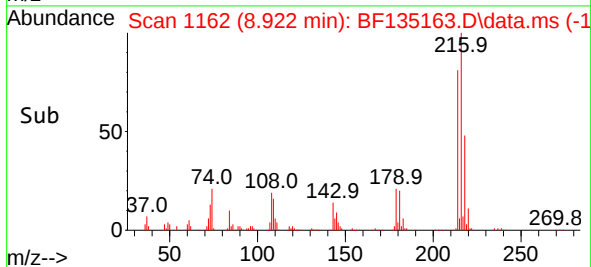
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.870 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54



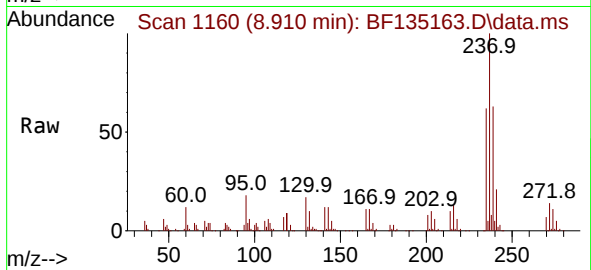
Tgt Ion:216 Resp: 245185
Ion Ratio Lower Upper
216 100
214 79.6 63.7 95.5
179 20.9 16.7 25.1
108 18.6 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 38.718 ng
RT: 8.910 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54

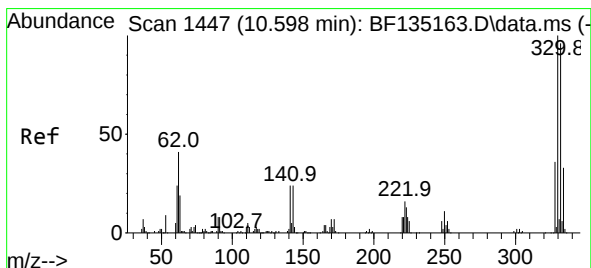
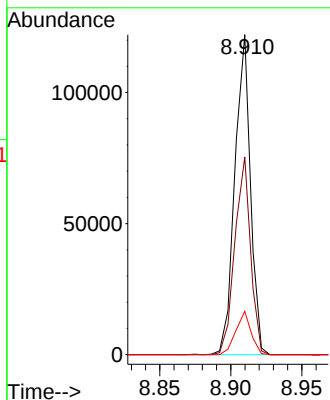
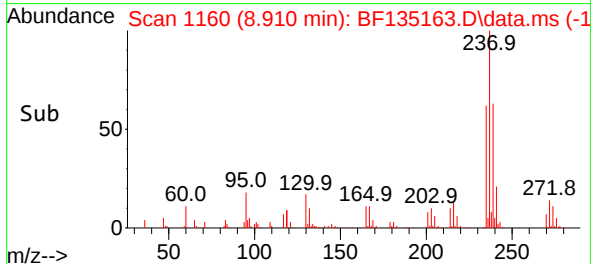
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



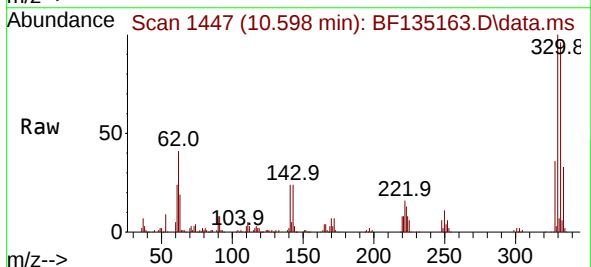
Tgt Ion:237 Resp: 93538
Ion Ratio Lower Upper
237 100
235 61.8 41.8 81.8
272 13.6 0.0 33.6

Manual Integrations
APPROVED

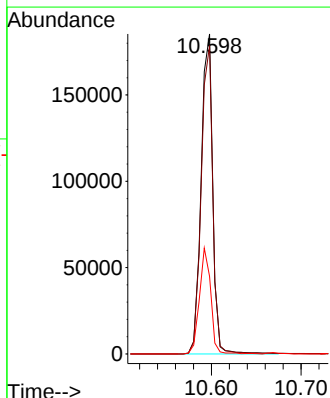
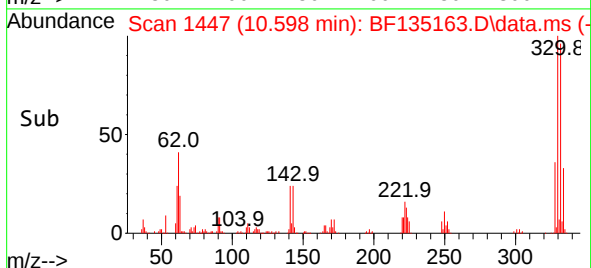
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

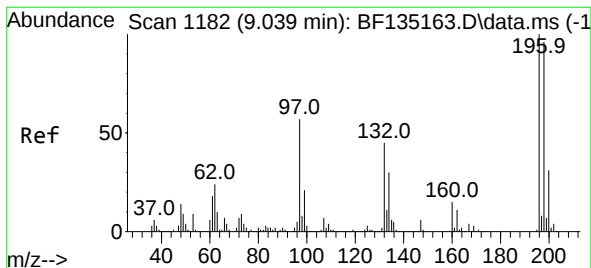


#42
2,4,6-Tribromophenol
Concen: 78.710 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54



Tgt Ion:330 Resp: 166033
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 32.3 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 39.976 ng

RT: 9.039 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF135163.D

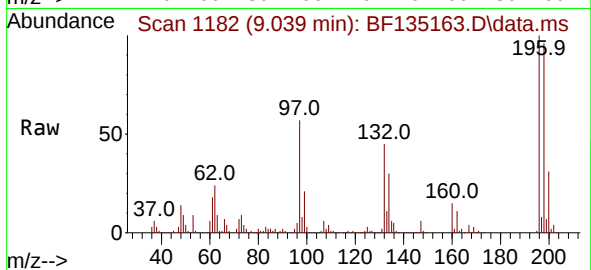
Acq: 11 Sep 2023 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:196 Resp: 160958

Ion Ratio Lower Upper

196 100

198 96.3 77.0 115.6

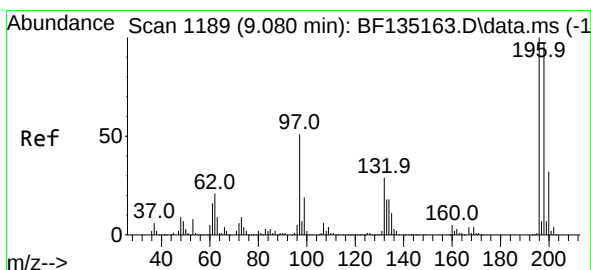
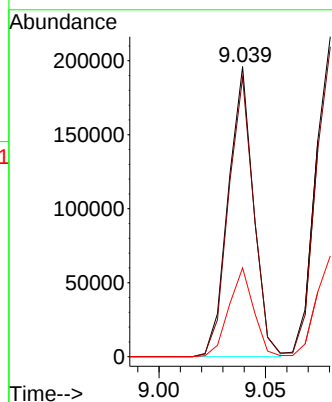
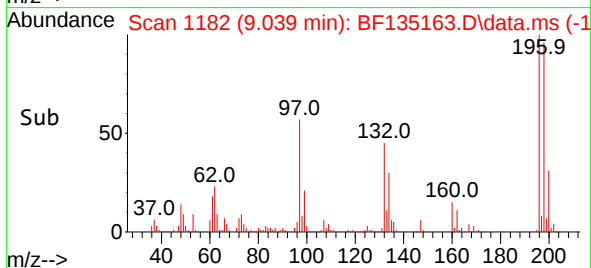
200 30.6 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/13/2023



#44

2,4,5-Trichlorophenol

Concen: 40.387 ng

RT: 9.080 min Scan# 1189

Delta R.T. 0.000 min

Lab File: BF135163.D

Acq: 11 Sep 2023 14:54

Tgt Ion:196 Resp: 187268

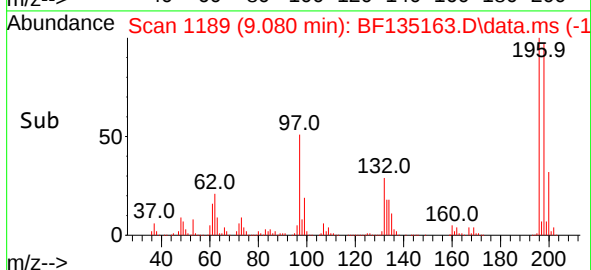
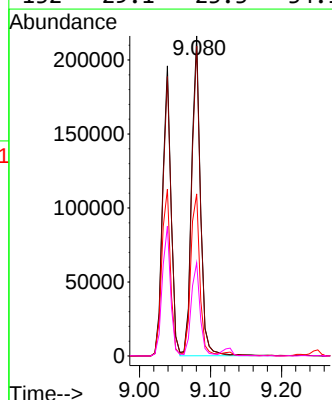
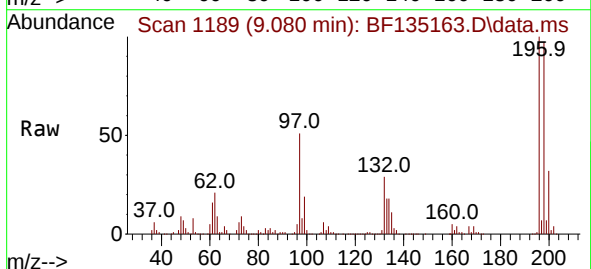
Ion Ratio Lower Upper

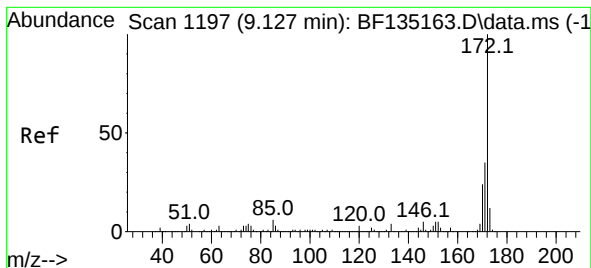
196 100

198 96.9 77.5 116.3

97 50.6 40.5 60.7

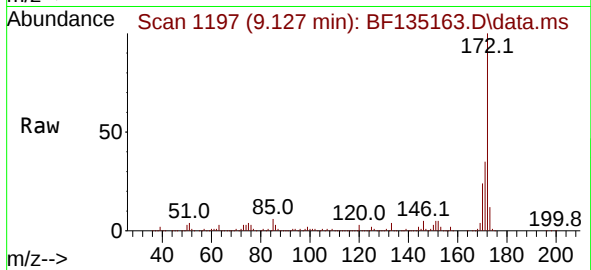
132 29.1 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 76.870 ng
RT: 9.127 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54

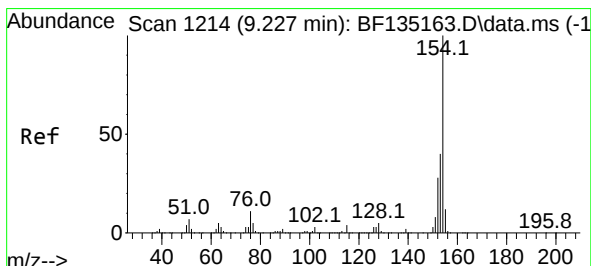
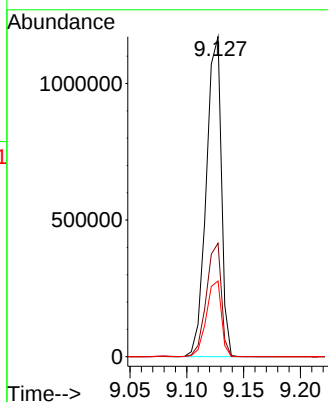
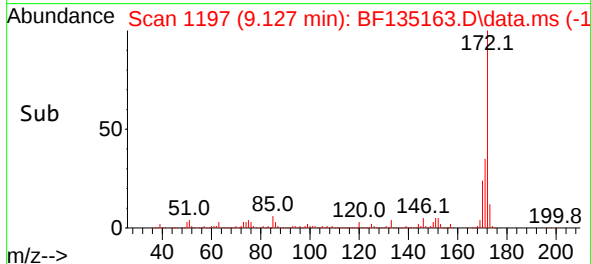
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



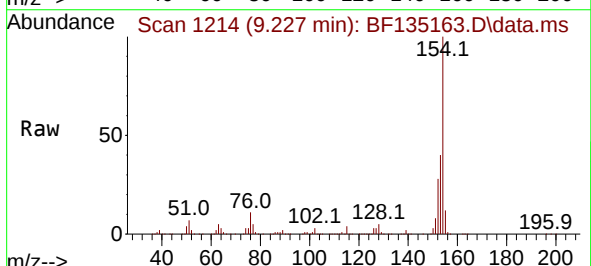
Tgt Ion:172 Resp: 108152
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.7 19.0 28.4

Manual Integrations
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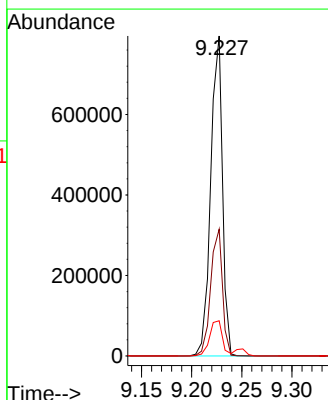
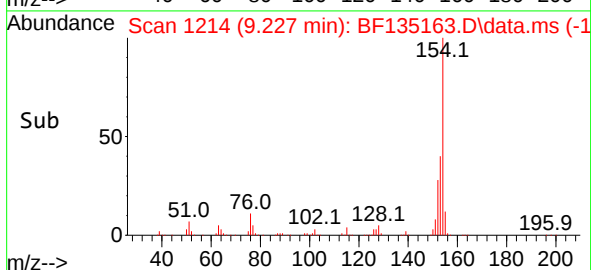
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

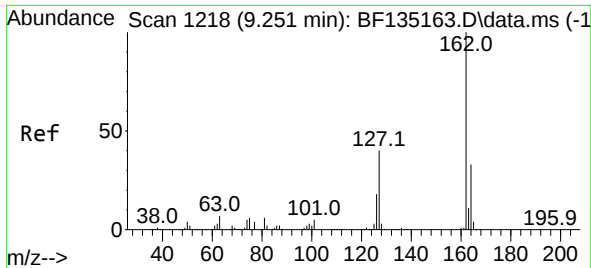


#46
1,1'-Biphenyl
Concen: 39.706 ng
RT: 9.227 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54



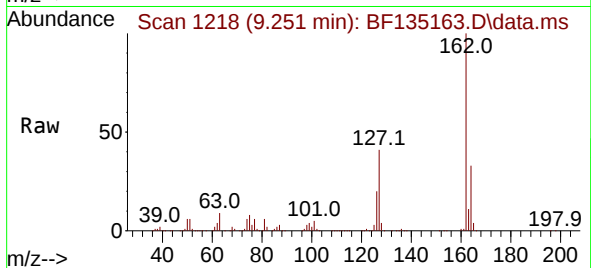
Tgt Ion:154 Resp: 647709
Ion Ratio Lower Upper
154 100
153 39.6 19.6 59.6
76 11.0 0.0 31.0





#47
2-Chloronaphthalene
Concen: 39.294 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54

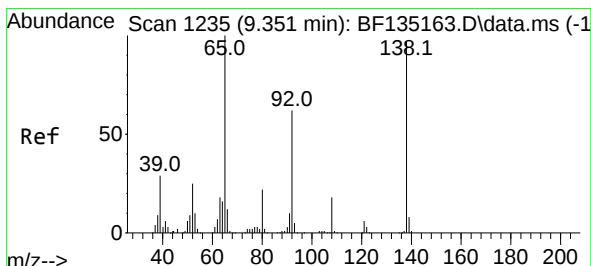
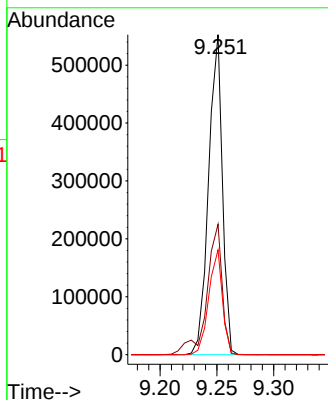
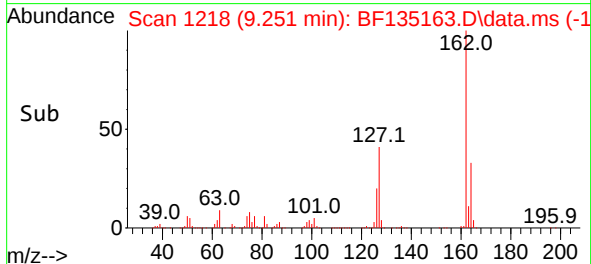
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



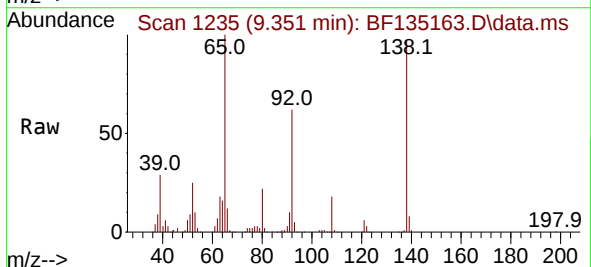
Tgt Ion:162 Resp: 465073
Ion Ratio Lower Upper
162 100
127 40.7 32.6 48.8
164 32.7 26.2 39.2

Manual Integrations
APPROVED

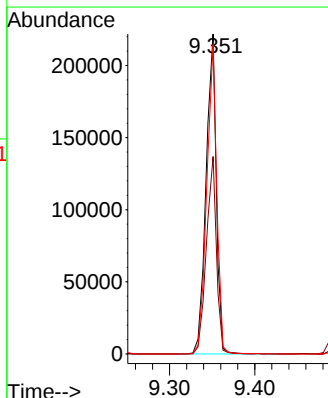
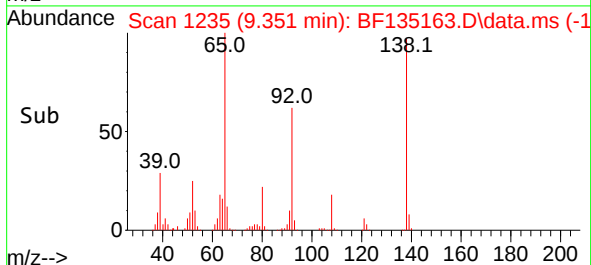
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#48
2-Nitroaniline
Concen: 40.176 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54



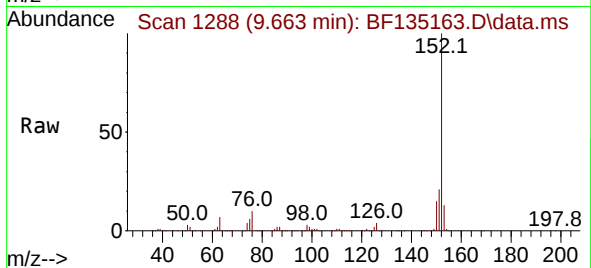
Tgt Ion: 65 Resp: 184734
Ion Ratio Lower Upper
65 100
92 61.7 49.4 74.0
138 96.7 77.4 116.0





#49
Acenaphthylene
Concen: 39.634 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54

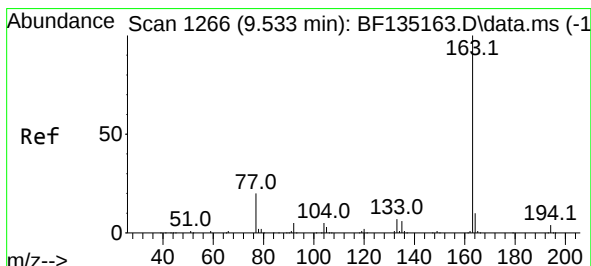
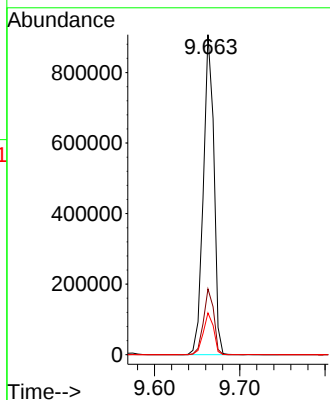
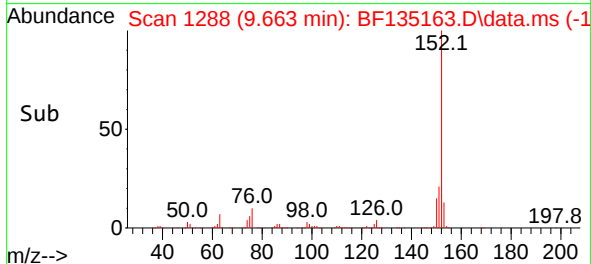
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



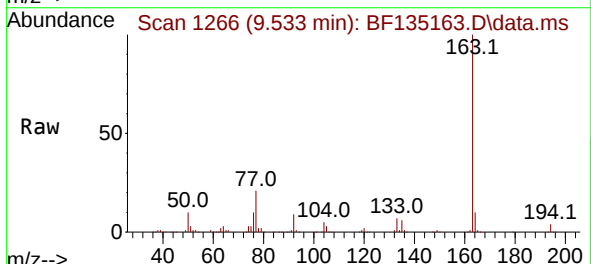
Tgt Ion:152 Resp: 779594
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 13.0 10.4 15.6

Manual Integrations
APPROVED

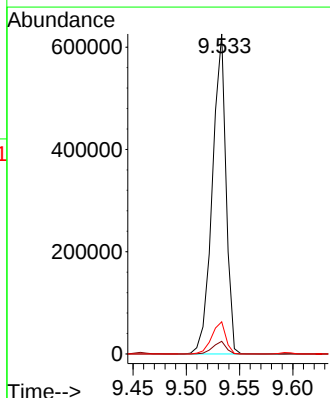
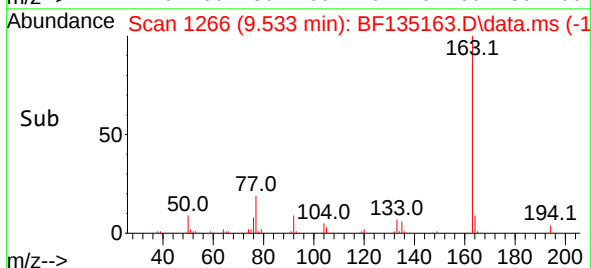
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

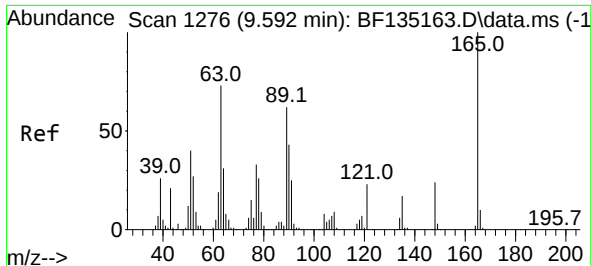


#50
Dimethylphthalate
Concen: 38.753 ng
RT: 9.533 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54



Tgt Ion:163 Resp: 556161
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.1 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 39.873 ng

RT: 9.592 min Scan# 1276

Delta R.T. 0.000 min

Lab File: BF135163.D

Acq: 11 Sep 2023 14:54

Instrument :

BNA_F

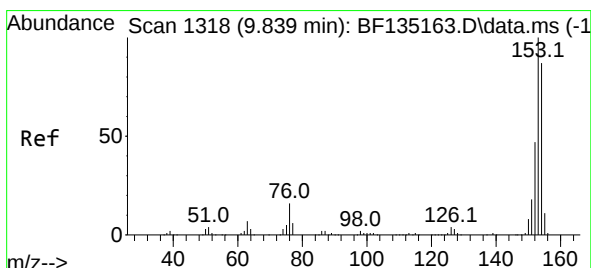
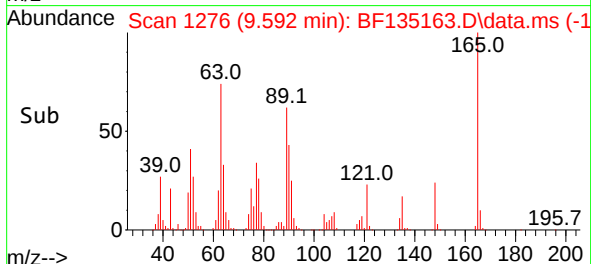
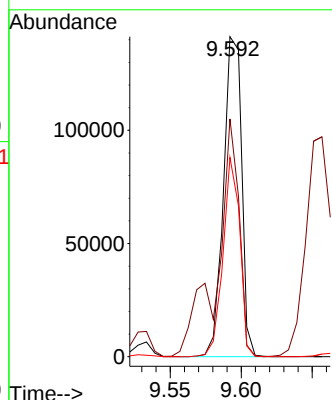
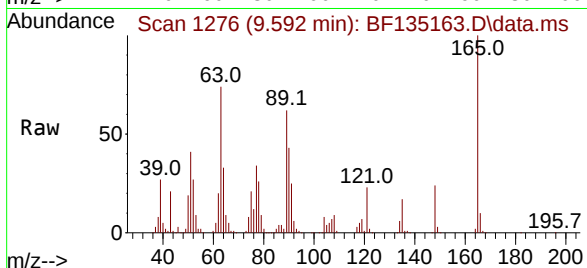
ClientSampleId :

SSTDICCC040

Tgt Ion:165 Resp: 12535
 Ion Ratio Lower Upper
 165 100
 63 74.3 59.4 89.2
 89 62.3 49.8 74.8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/12/2023
 Supervised By :mohammad ahmed 09/13/2023



#52

Acenaphthene

Concen: 39.041 ng

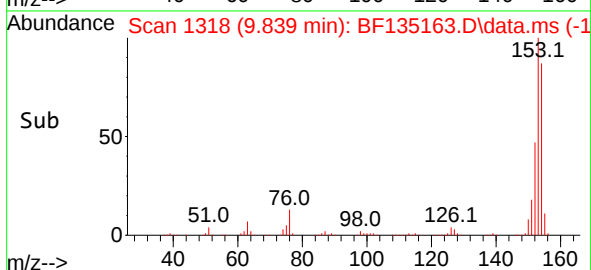
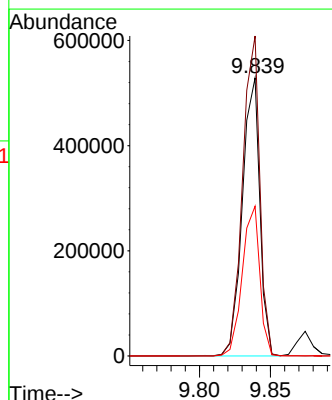
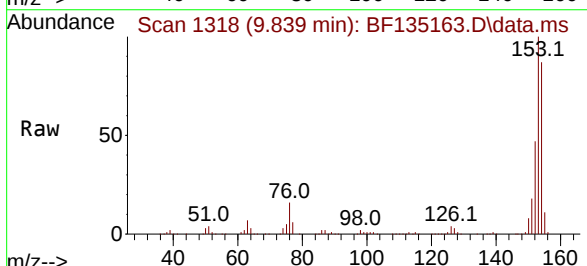
RT: 9.839 min Scan# 1318

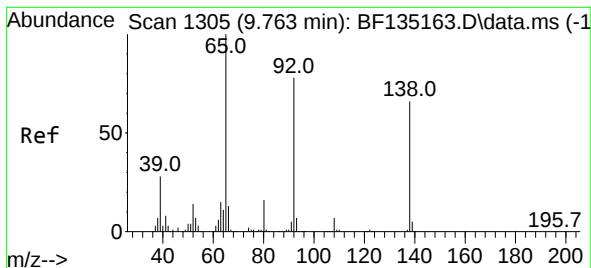
Delta R.T. 0.000 min

Lab File: BF135163.D

Acq: 11 Sep 2023 14:54

Tgt Ion:154 Resp: 453658
 Ion Ratio Lower Upper
 154 100
 153 115.1 92.1 138.1
 152 53.9 43.1 64.7





#53

3-Nitroaniline

Concen: 39.873 ng

RT: 9.763 min Scan# 1305

Delta R.T. 0.000 min

Lab File: BF135163.D

Acq: 11 Sep 2023 14:54

Instrument :

BNA_F

ClientSampleId :

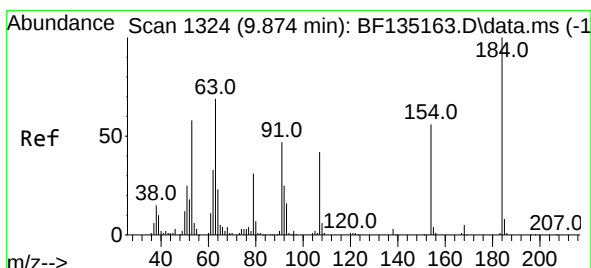
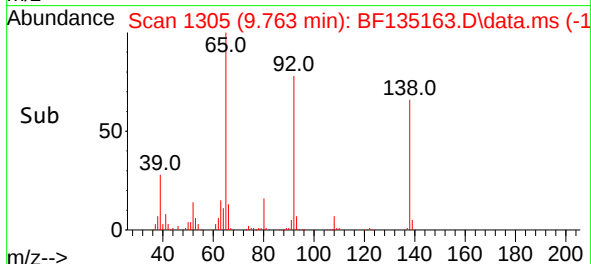
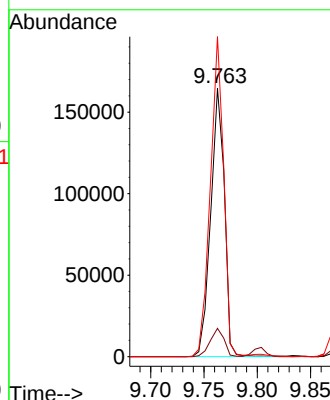
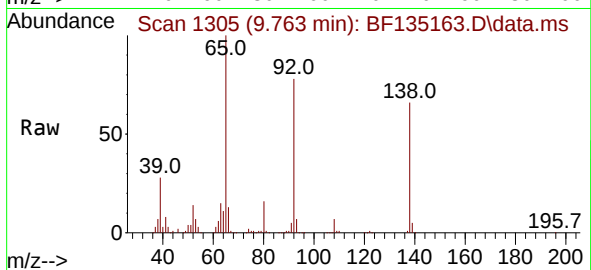
SSTDICCC040

Tgt Ion:138 Resp: 147149
 Ion Ratio Lower Upper
 138 100
 108 10.6 8.5 12.7
 92 119.2 95.4 143.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023
 Supervised By :mohammad ahmed 09/13/2023



#54

2,4-Dinitrophenol

Concen: 38.348 ng

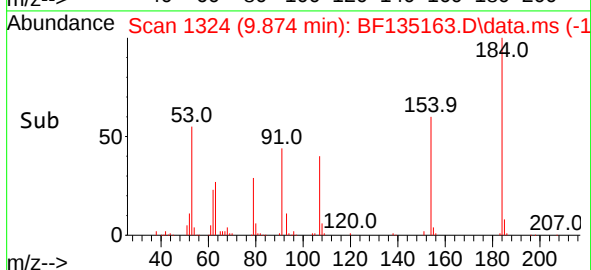
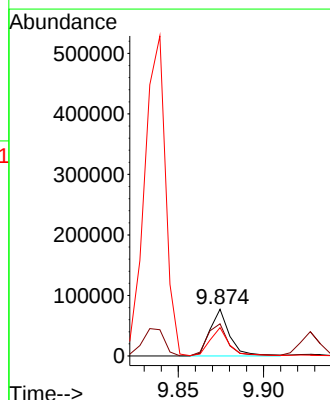
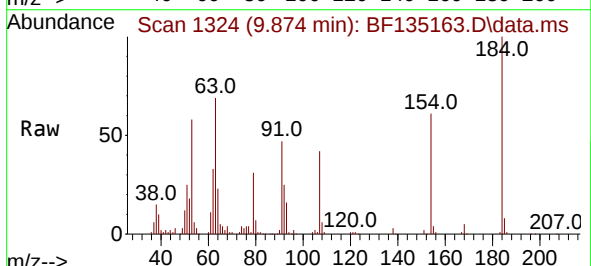
RT: 9.874 min Scan# 1324

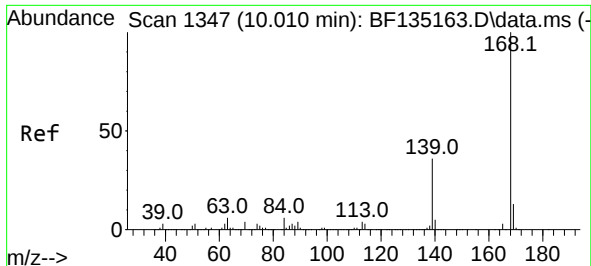
Delta R.T. 0.000 min

Lab File: BF135163.D

Acq: 11 Sep 2023 14:54

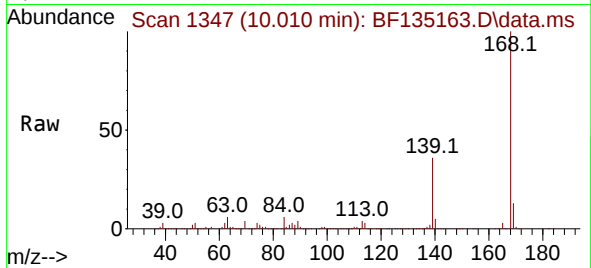
Tgt Ion:184 Resp: 62146
 Ion Ratio Lower Upper
 184 100
 63 68.9 55.1 82.7
 154 60.5 48.4 72.6





#55
Dibenzenofuran
Concen: 39.101 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54

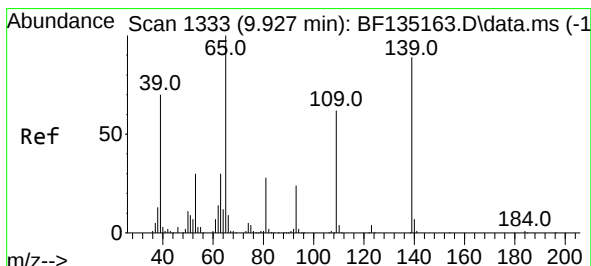
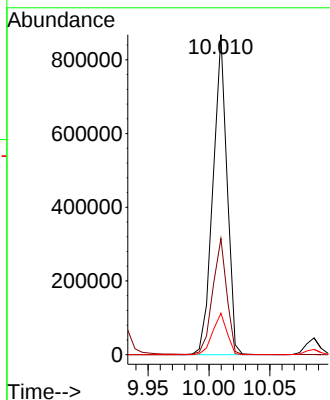
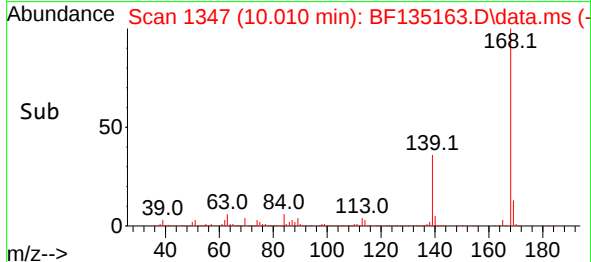
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:168 Resp: 693329
Ion Ratio Lower Upper
168 100
139 36.3 29.0 43.6
169 13.0 10.4 15.6

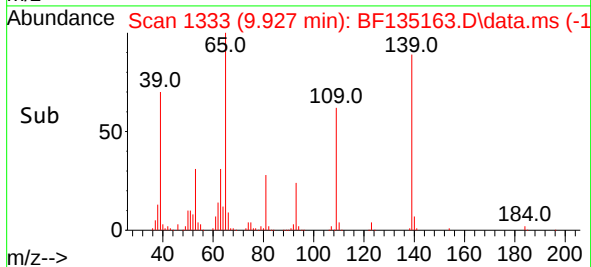
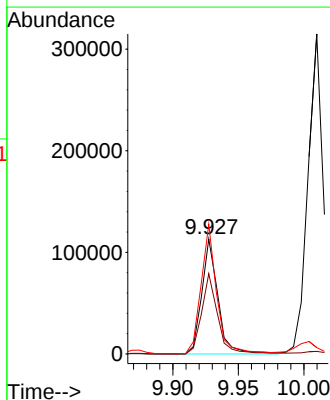
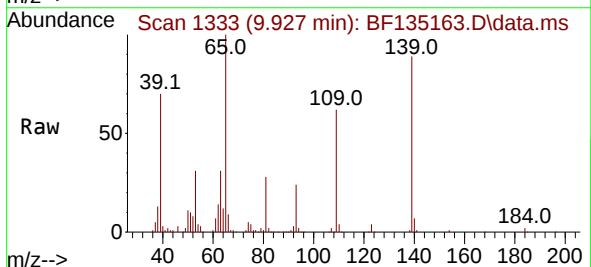
Manual Integrations
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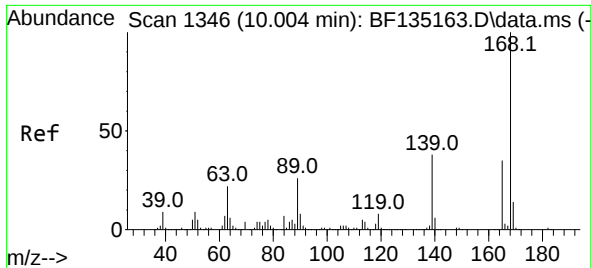
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#56
4-Nitrophenol
Concen: 41.692 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54

Tgt Ion:139 Resp: 97787
Ion Ratio Lower Upper
139 100
109 69.8 49.8 89.8
65 112.7 92.7 132.7





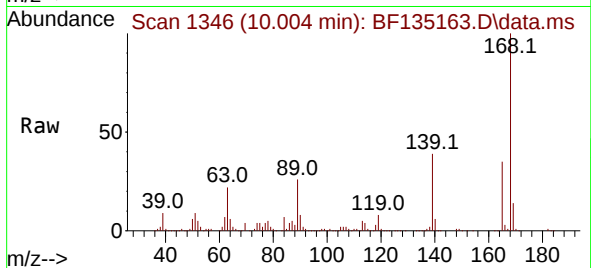
#57
2,4-Dinitrotoluene
Concen: 40.561 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



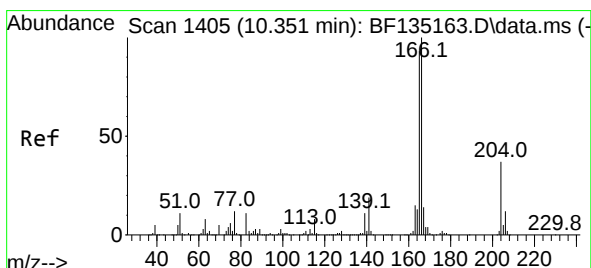
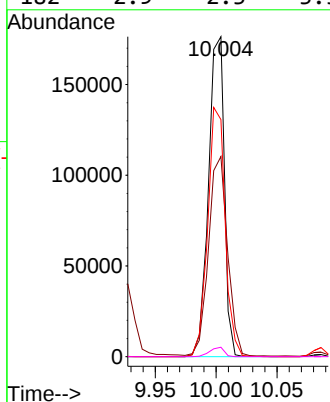
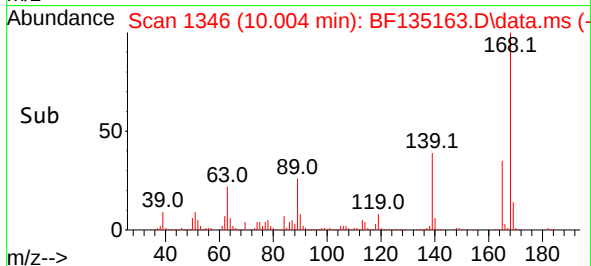
Tgt Ion:165 Resp: 15964
Ion Ratio Lower Upper
165 100
63 62.6 50.1 75.1
89 74.1 59.3 88.9
182 2.9 2.3 3.5

Manual Integrations

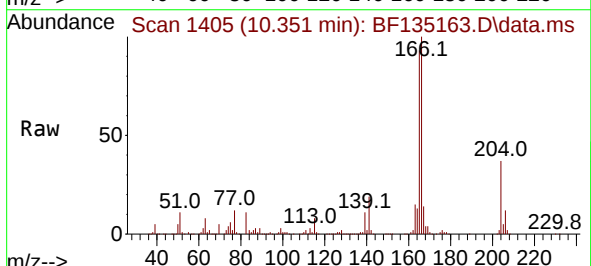
APPROVED

Reviewed By :Yogesh Patel 09/12/2023

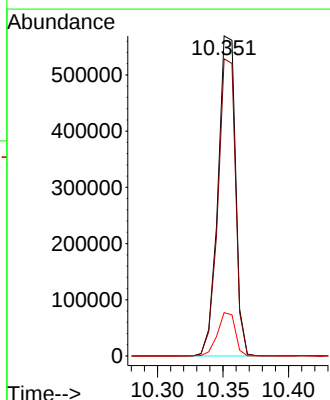
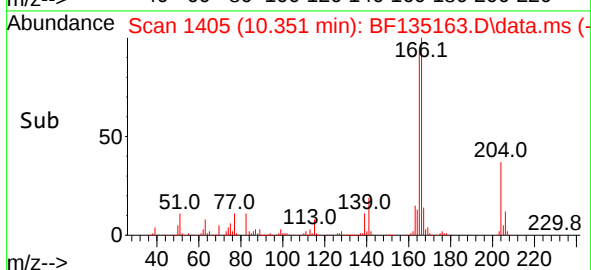
Supervised By :mohammad ahmed 09/13/2023



#58
Fluorene
Concen: 38.845 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54



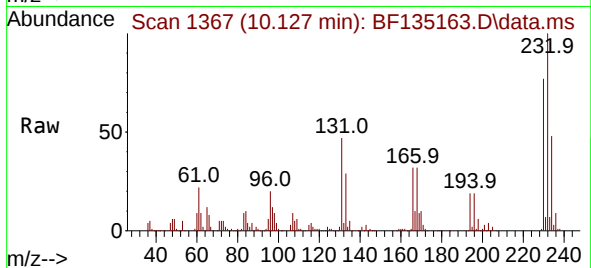
Tgt Ion:166 Resp: 529524
Ion Ratio Lower Upper
166 100
165 92.9 74.3 111.5
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.644 ng
RT: 10.127 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54

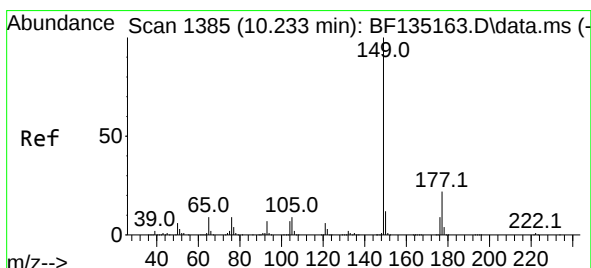
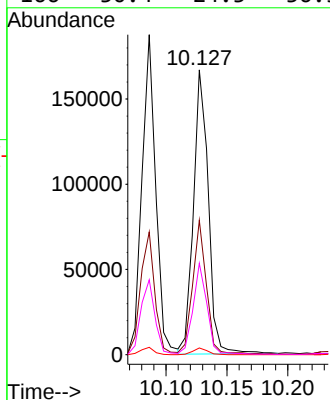
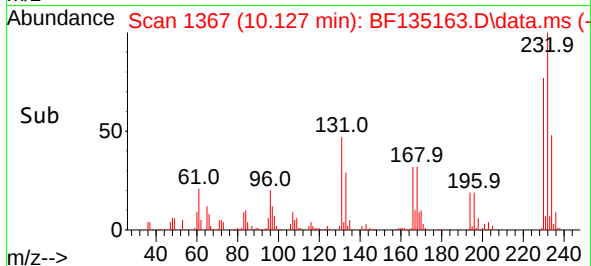
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:232 Resp: 141409
Ion Ratio Lower Upper
232 100
131 44.3 35.4 53.2
130 2.3 1.8 2.8
166 30.4 24.3 36.5

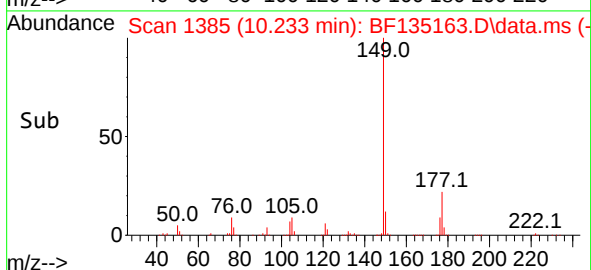
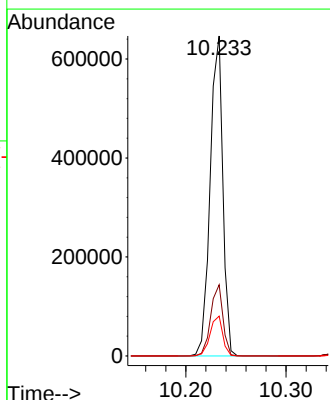
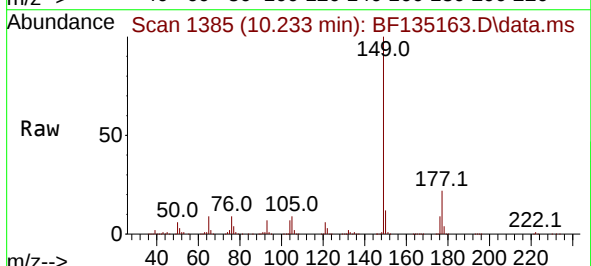
Manual Integrations
APPROVED

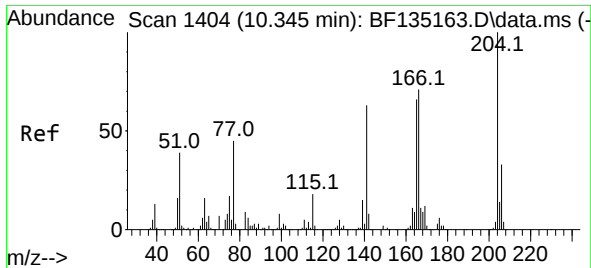
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#60
Diethylphthalate
Concen: 39.488 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54

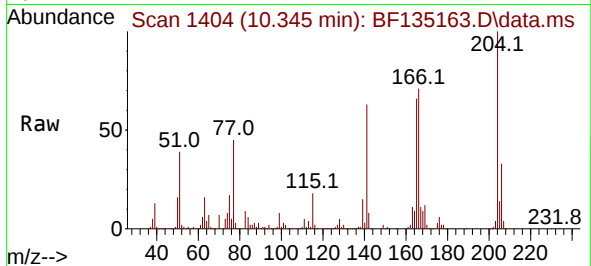
Tgt Ion:149 Resp: 568740
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.6
150 12.5 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 38.551 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54

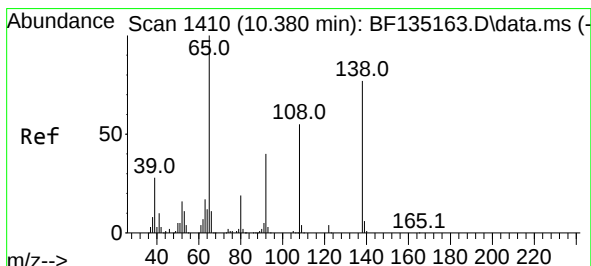
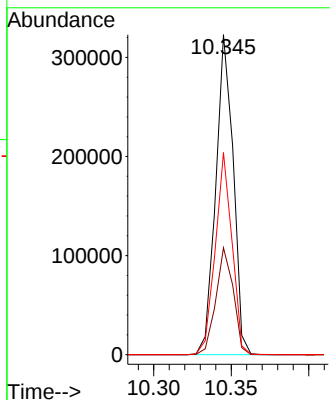
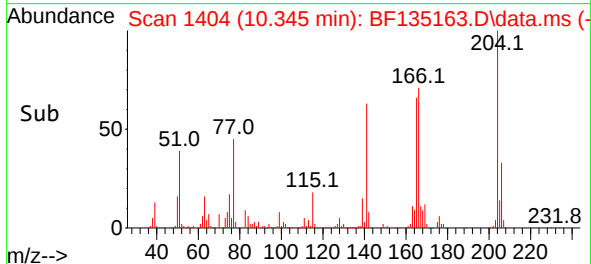
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



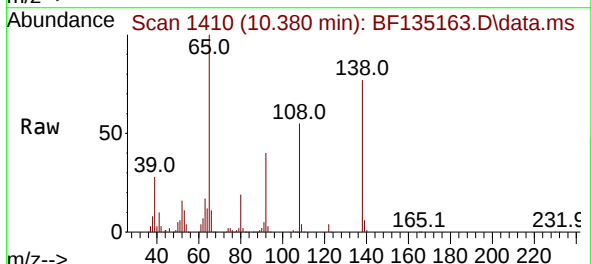
Tgt Ion:204 Resp: 252437
Ion Ratio Lower Upper
204 100
206 33.4 26.7 40.1
141 63.2 50.6 75.8

Manual Integrations
APPROVED

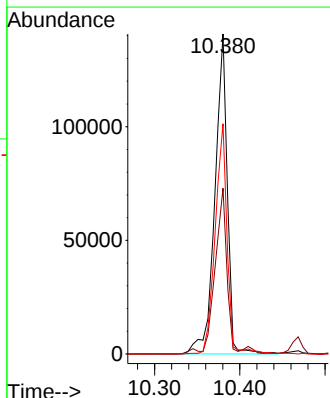
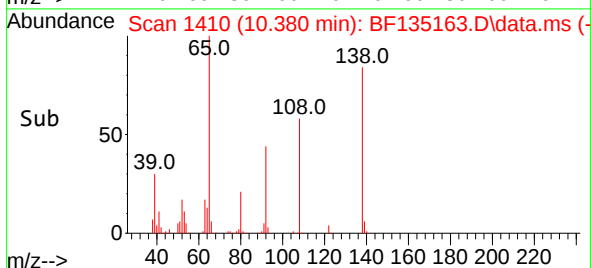
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

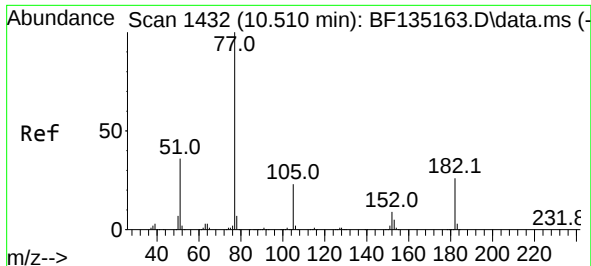


#62
4-Nitroaniline
Concen: 40.391 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54



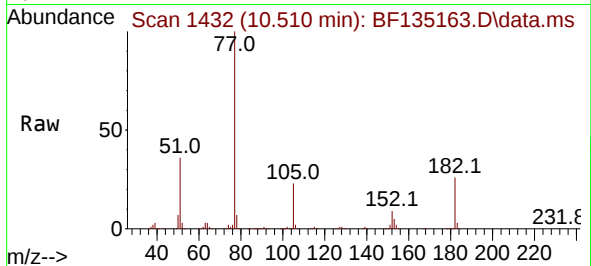
Tgt Ion:138 Resp: 143284
Ion Ratio Lower Upper
138 100
92 51.8 31.8 71.8
108 72.0 52.0 92.0





#63
Azobenzene
Concen: 39.414 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54

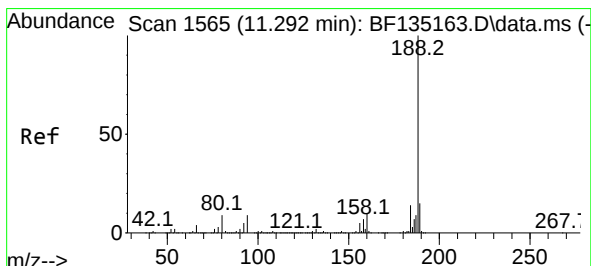
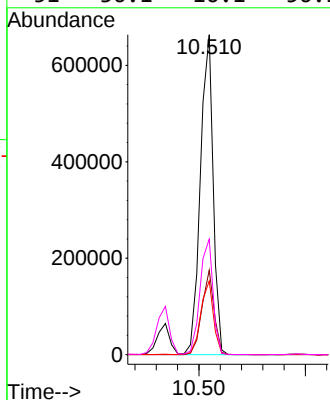
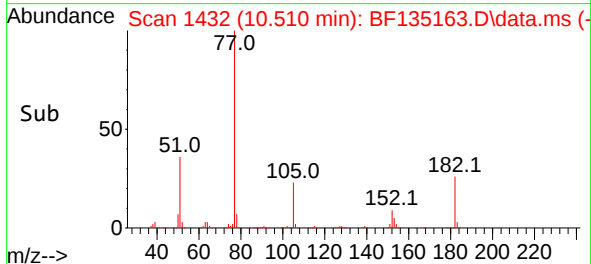
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



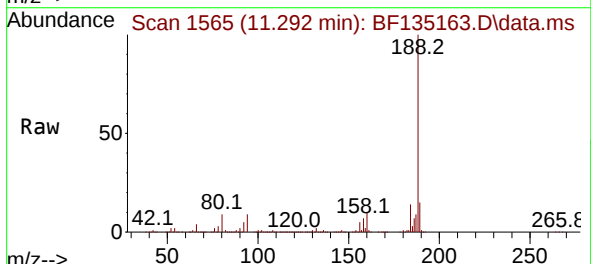
Tgt Ion: 77 Resp: 55559
Ion Ratio Lower Upper
77 100
182 26.4 6.4 46.4
105 23.1 3.1 43.1
51 36.1 16.1 56.1

Manual Integrations
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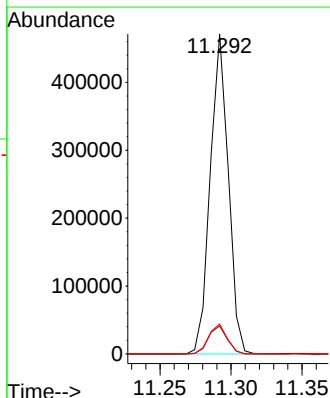
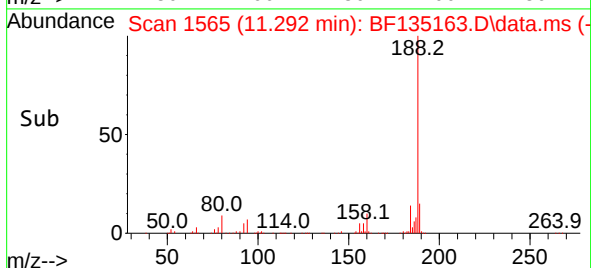
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

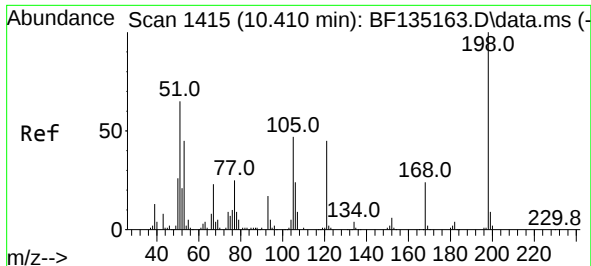


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54



Tgt Ion:188 Resp: 416597
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 9.4 7.5 11.3





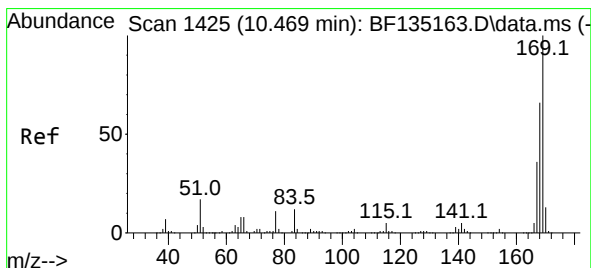
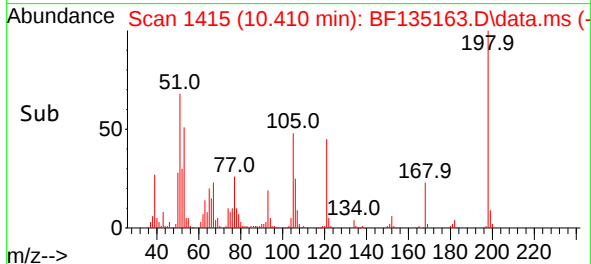
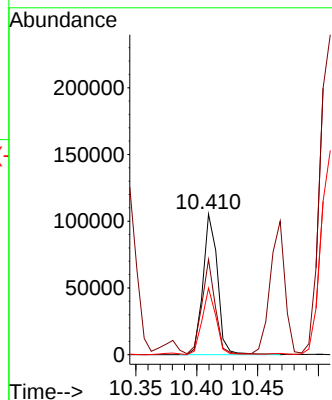
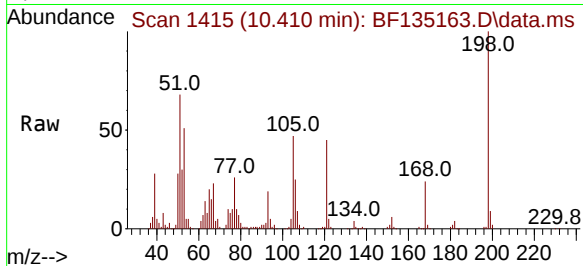
#65
4,6-Dinitro-2-methylphenol
Concen: 39.566 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 87540
Ion Ratio Lower Upper
198 100
51 67.7 47.7 87.7
105 47.4 27.4 67.4

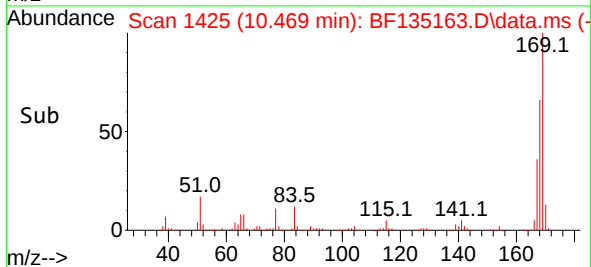
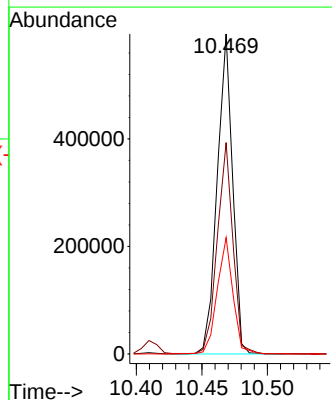
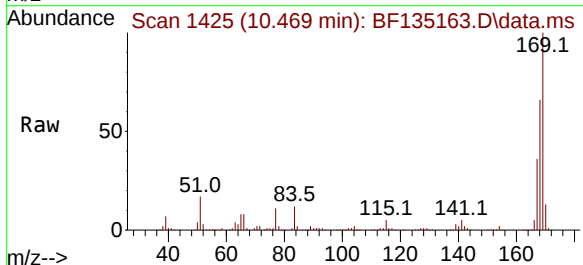
Manual Integrations
APPROVED

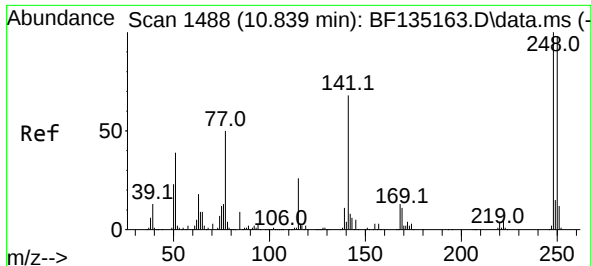
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#66
n-Nitrosodiphenylamine
Concen: 38.533 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54

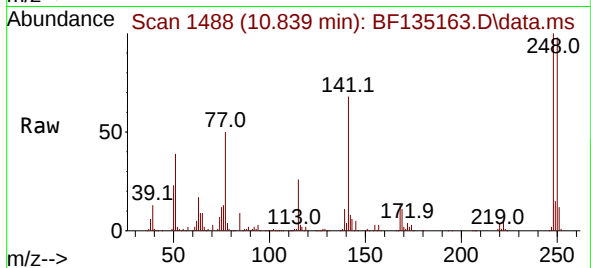
Tgt Ion:169 Resp: 485988
Ion Ratio Lower Upper
169 100
168 66.0 52.8 79.2
167 36.3 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 38.412 ng
RT: 10.839 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54

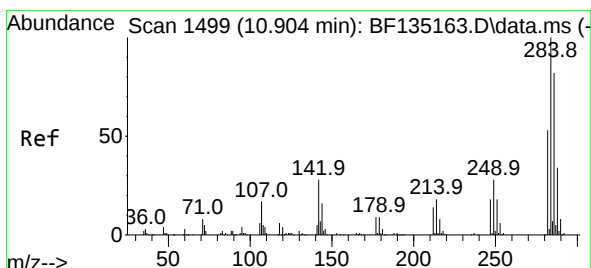
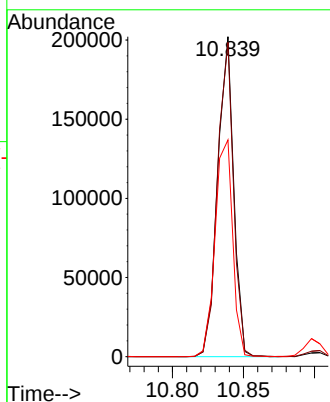
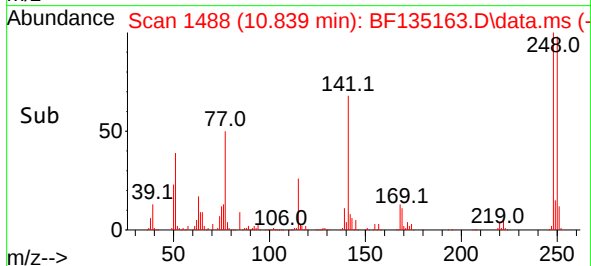
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



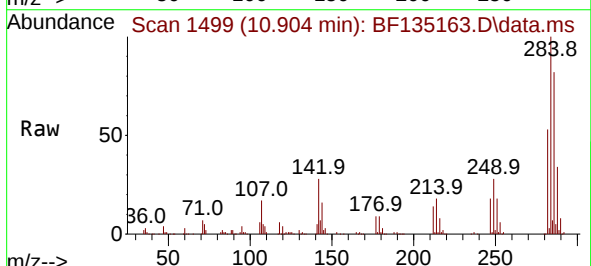
Tgt Ion:248 Resp: 159154
Ion Ratio Lower Upper
248 100
250 98.2 78.6 117.8
141 67.7 54.2 81.2

Manual Integrations
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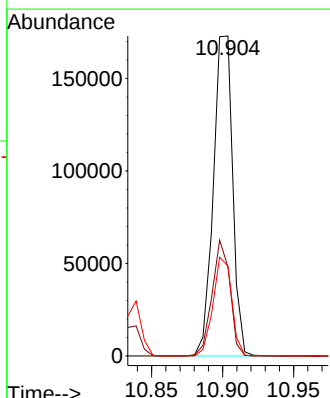
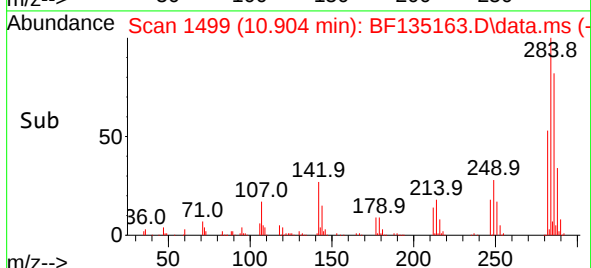
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

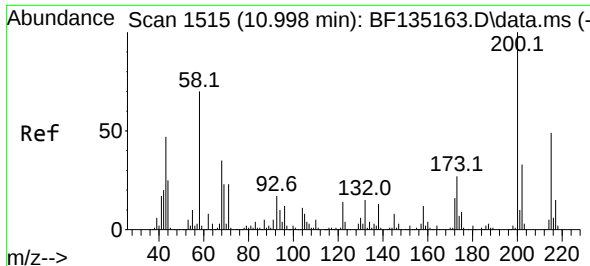


#68
Hexachlorobenzene
Concen: 38.795 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54



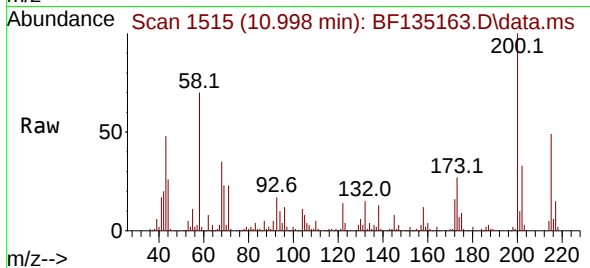
Tgt Ion:284 Resp: 163759
Ion Ratio Lower Upper
284 100
142 27.8 22.2 33.4
249 28.1 22.5 33.7





#69
 Atrazine
 Concen: 38.500 ng
 RT: 10.998 min Scan# 1515
 Delta R.T. 0.000 min
 Lab File: BF135163.D
 Acq: 11 Sep 2023 14:54

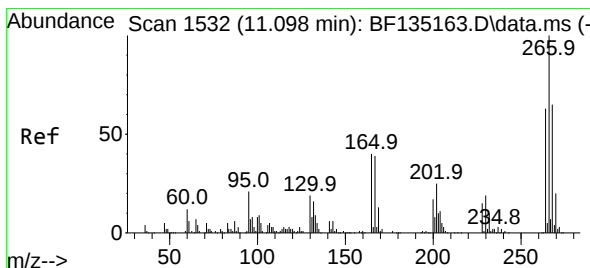
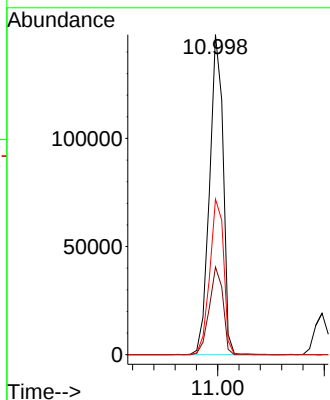
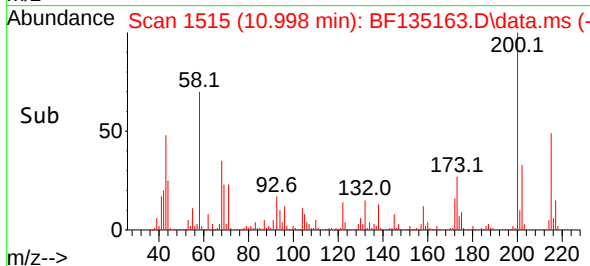
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040



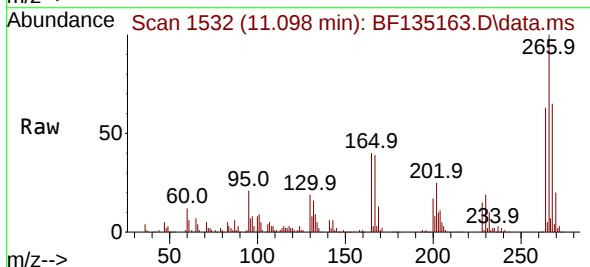
Tgt Ion:200 Resp: 130654
 Ion Ratio Lower Upper
 200 100
 173 27.4 7.4 47.4
 215 48.6 28.6 68.6

Manual Integrations
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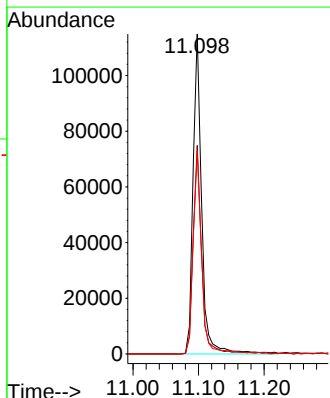
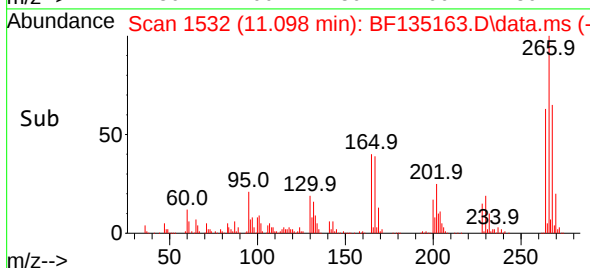
Reviewed By :Yogesh Patel 09/12/2023
 Supervised By :mohammad ahmed 09/13/2023

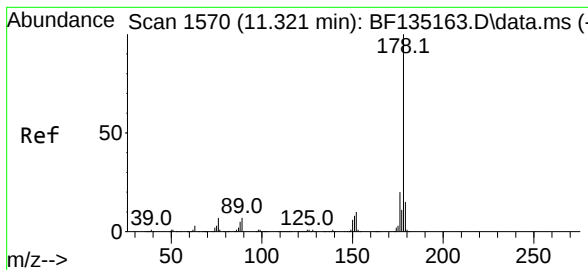


#70
 Pentachlorophenol
 Concen: 41.927 ng
 RT: 11.098 min Scan# 1532
 Delta R.T. 0.000 min
 Lab File: BF135163.D
 Acq: 11 Sep 2023 14:54



Tgt Ion:266 Resp: 105629
 Ion Ratio Lower Upper
 266 100
 268 65.1 52.1 78.1
 264 63.5 50.8 76.2





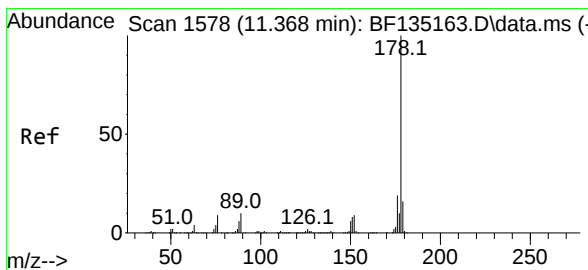
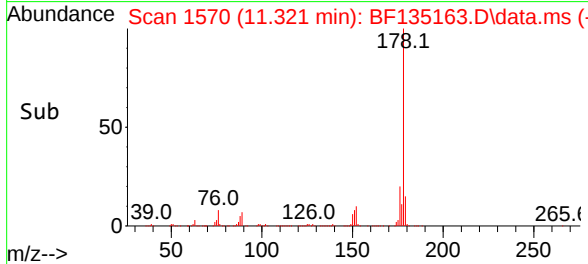
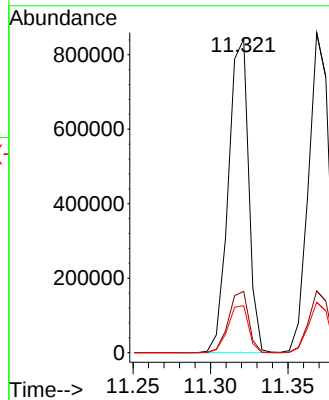
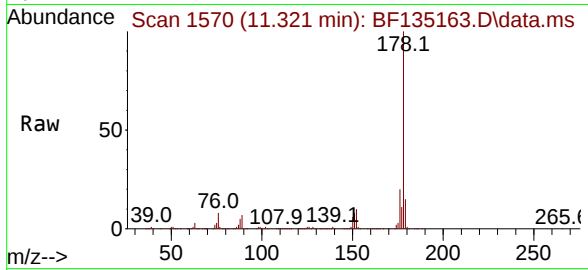
#71
 Phenanthrene
 Concen: 38.915 ng
 RT: 11.321 min Scan# 1570
 Delta R.T. 0.000 min
 Lab File: BF135163.D
 Acq: 11 Sep 2023 14:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Tgt Ion:	178	Resp:	76676
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.6	23.4
179	15.0	12.0	18.0

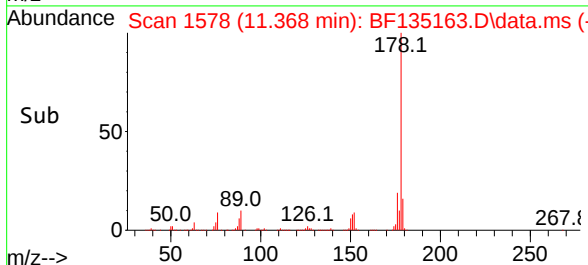
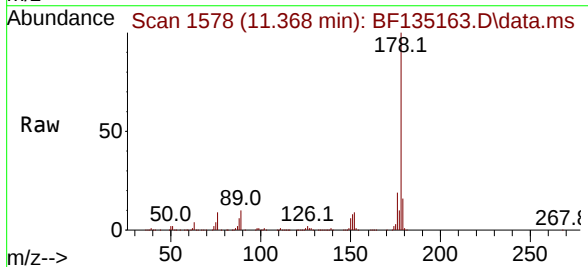
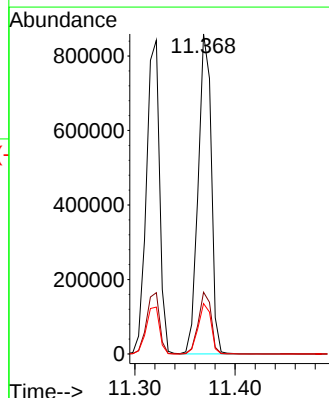
Manual Integrations
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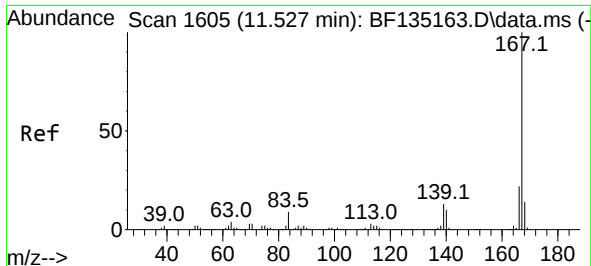
Reviewed By :Yogesh Patel 09/12/2023
 Supervised By :mohammad ahmed 09/13/2023



#72
 Anthracene
 Concen: 38.540 ng
 RT: 11.368 min Scan# 1578
 Delta R.T. 0.000 min
 Lab File: BF135163.D
 Acq: 11 Sep 2023 14:54

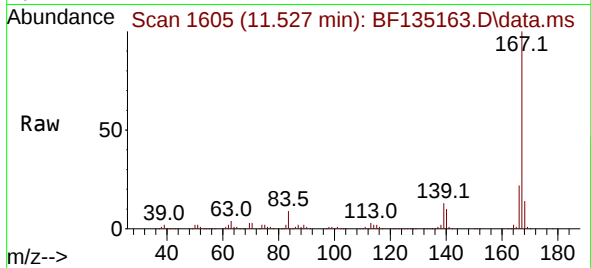
Tgt Ion:	178	Resp:	780539
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.4	23.2
179	15.8	12.6	19.0





#73
 Carbazole
 Concen: 39.002 ng
 RT: 11.527 min Scan# 1605
 Delta R.T. 0.000 min
 Lab File: BF135163.D
 Acq: 11 Sep 2023 14:54

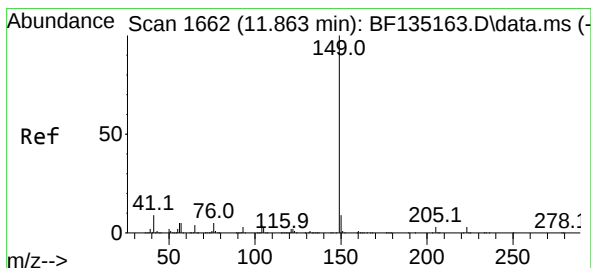
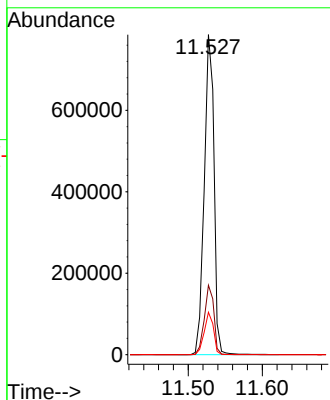
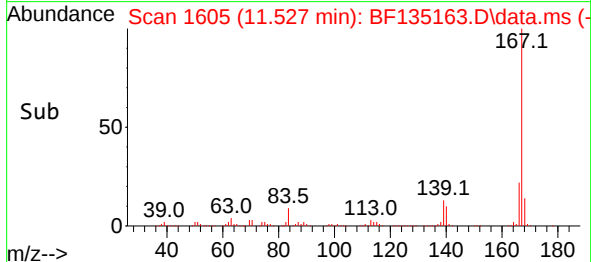
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040



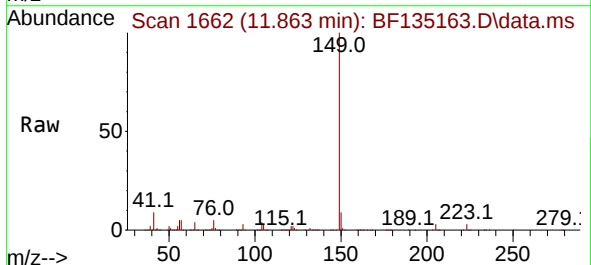
Tgt Ion:167 Resp: 71906
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 13.2 10.6 15.8

Manual Integrations
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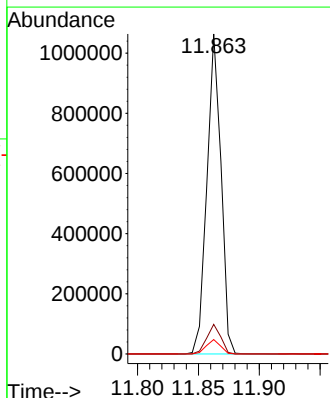
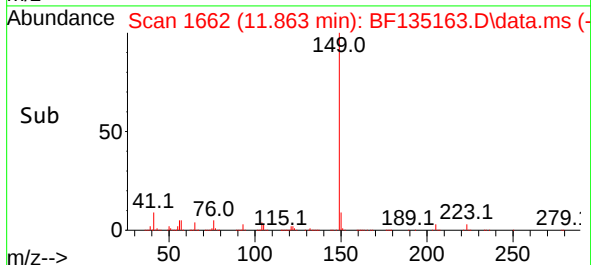
Reviewed By :Yogesh Patel 09/12/2023
 Supervised By :mohammad ahmed 09/13/2023

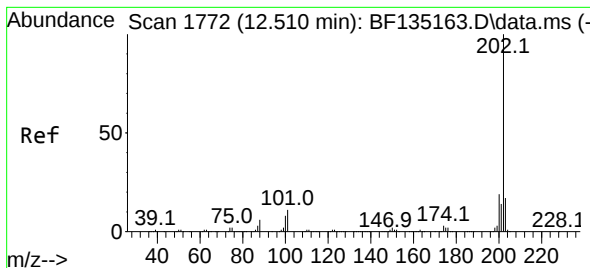


#74
 Di-n-butylphthalate
 Concen: 39.235 ng
 RT: 11.863 min Scan# 1662
 Delta R.T. 0.000 min
 Lab File: BF135163.D
 Acq: 11 Sep 2023 14:54



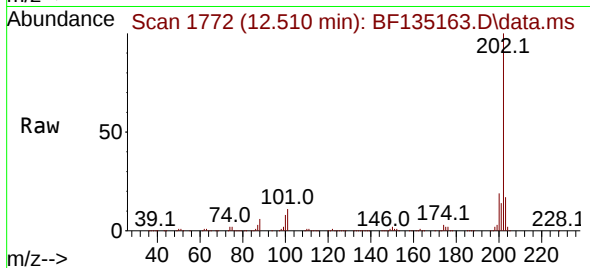
Tgt Ion:149 Resp: 852369
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 4.5 3.6 5.4





#75
Fluoranthene
Concen: 38.985 ng
RT: 12.510 min Scan# 1772
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54

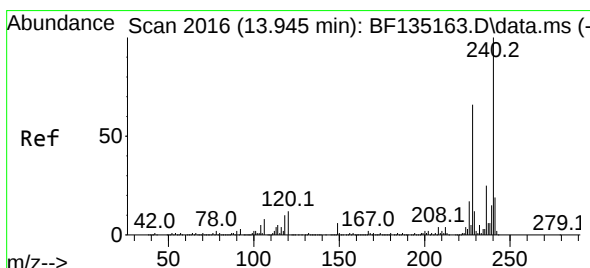
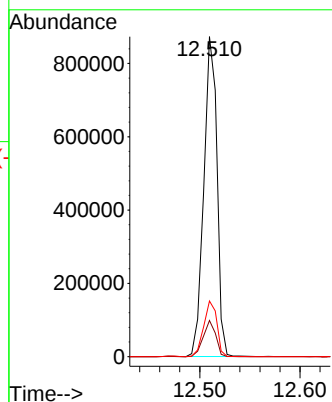
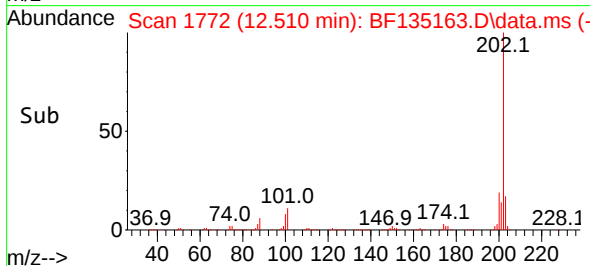
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



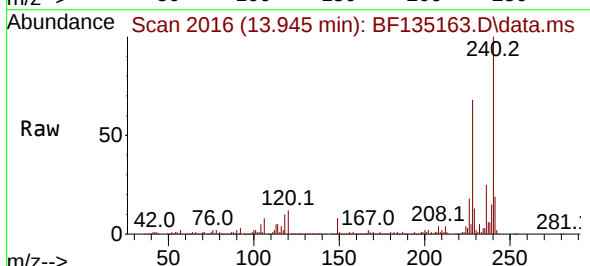
Tgt Ion:202 Resp: 800390
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.3
203 17.4 0.0 37.4

Manual Integrations
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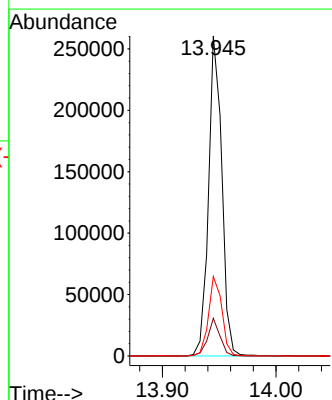
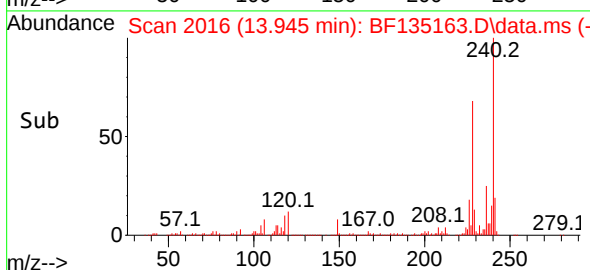
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

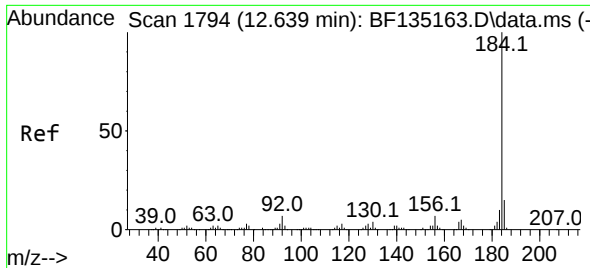


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54



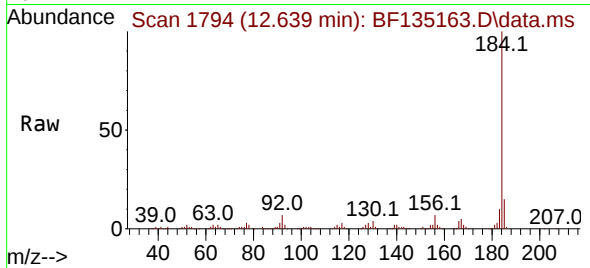
Tgt Ion:240 Resp: 211067
Ion Ratio Lower Upper
240 100
120 11.8 9.4 14.2
236 24.8 19.8 29.8





#77
Benzidine
Concen: 35.945 ng
RT: 12.639 min Scan# 1794
Delta R.T. -0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54

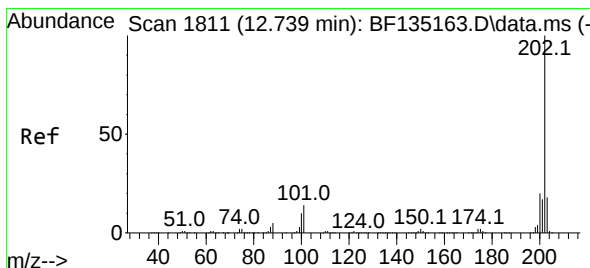
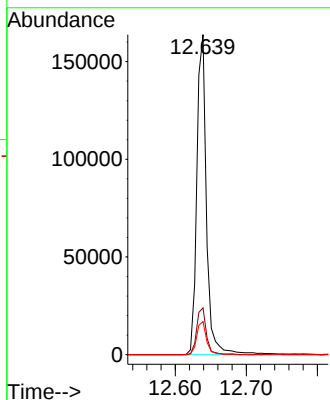
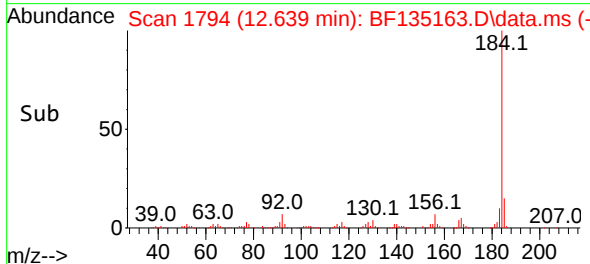
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



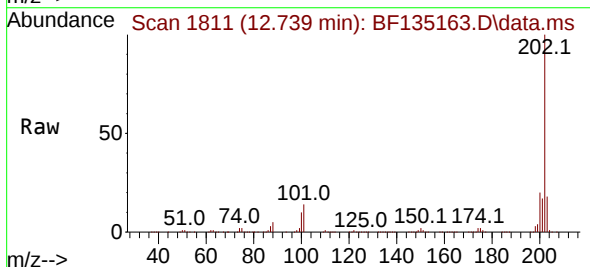
Tgt Ion:184 Resp: 155428
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 10.3 8.2 12.4

Manual Integrations
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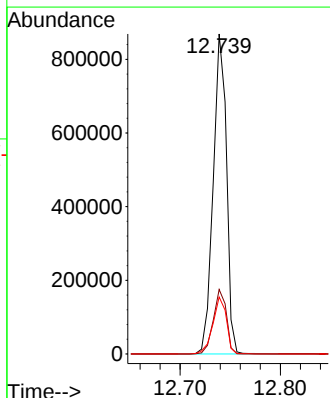
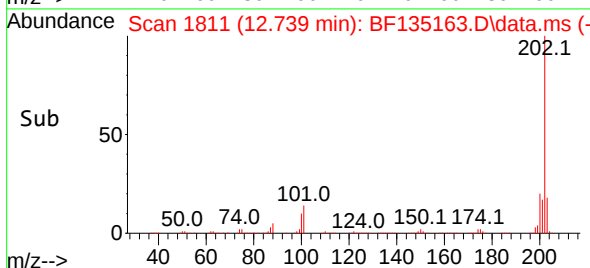
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#78
Pyrene
Concen: 39.740 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54



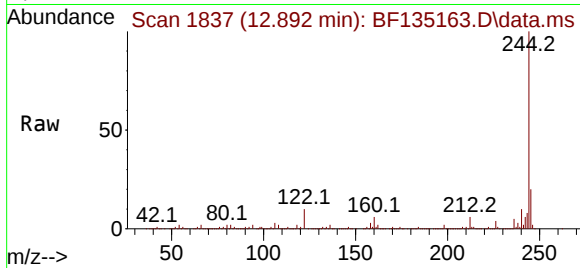
Tgt Ion:202 Resp: 798592
Ion Ratio Lower Upper
202 100
200 20.2 16.2 24.2
203 17.8 14.2 21.4





#79
 Terphenyl-d14
 Concen: 78.078 ng
 RT: 12.892 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF135163.D
 Acq: 11 Sep 2023 14:54

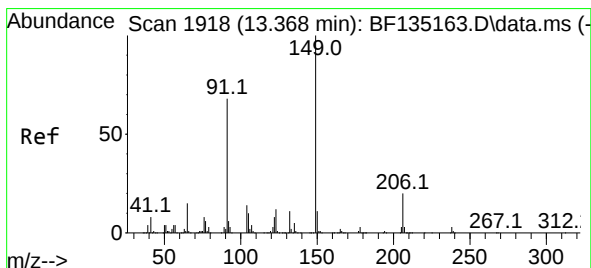
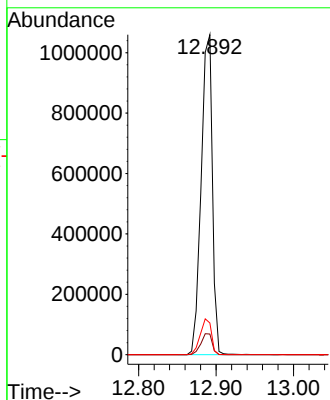
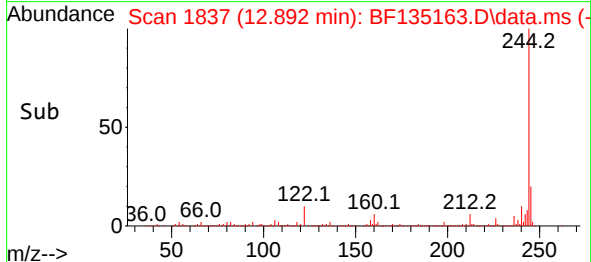
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040



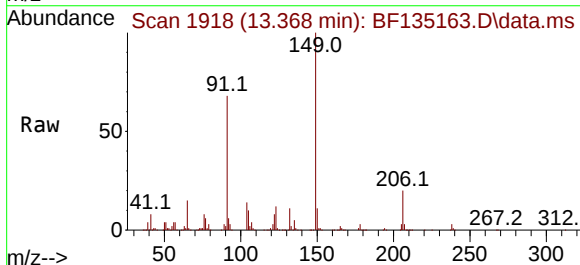
Tgt Ion:244 Resp: 1063079
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 9.9 7.9 11.9

Manual Integrations
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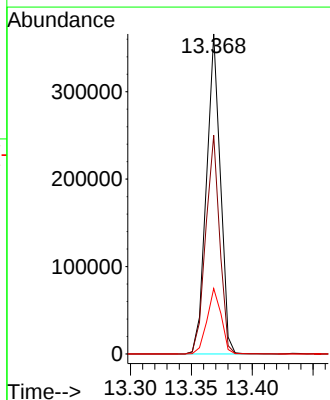
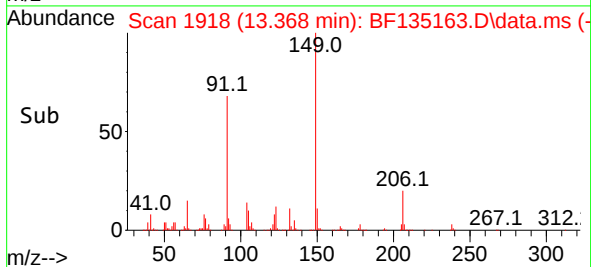
Reviewed By :Yogesh Patel 09/12/2023
 Supervised By :mohammad ahmed 09/13/2023

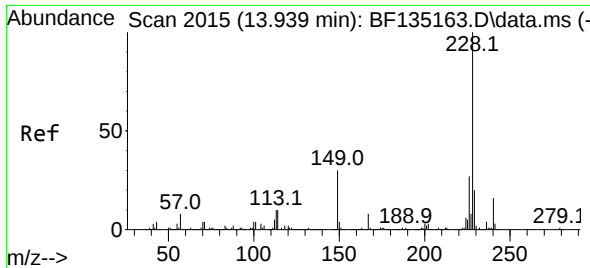


#80
 Butylbenzylphthalate
 Concen: 41.039 ng
 RT: 13.368 min Scan# 1918
 Delta R.T. 0.000 min
 Lab File: BF135163.D
 Acq: 11 Sep 2023 14:54



Tgt Ion:149 Resp: 290355
 Ion Ratio Lower Upper
 149 100
 91 68.4 54.7 82.1
 206 20.4 16.3 24.5





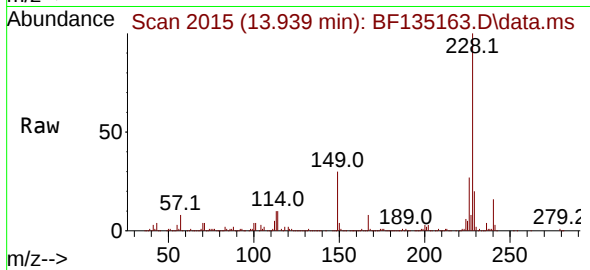
#81
Benzo(a)anthracene
Concen: 39.361 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

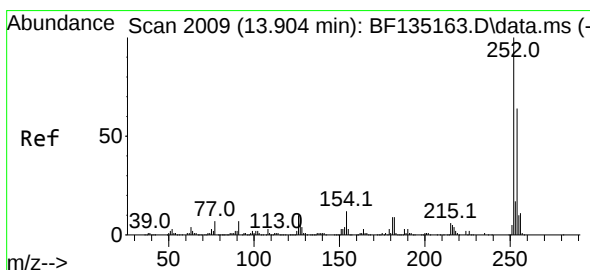
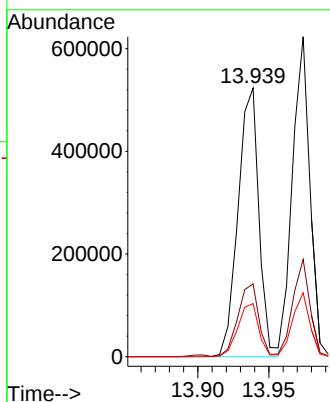
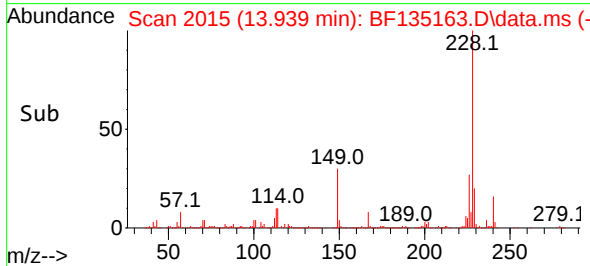


Tgt Ion:228 Resp: 53645
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 19.8 15.8 23.8

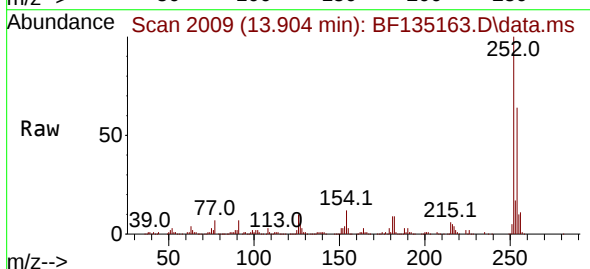
Manual Integrations

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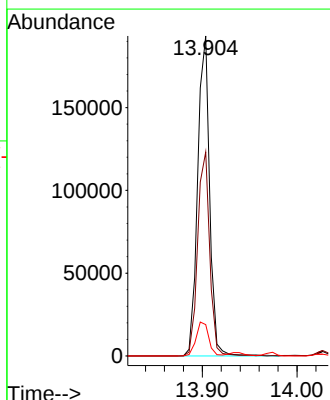
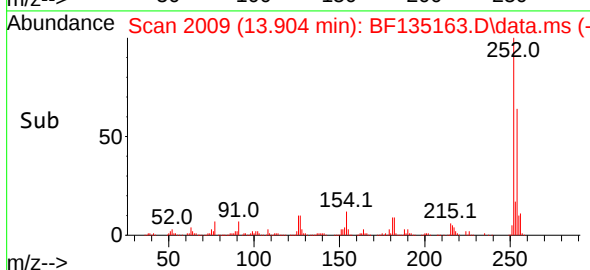
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

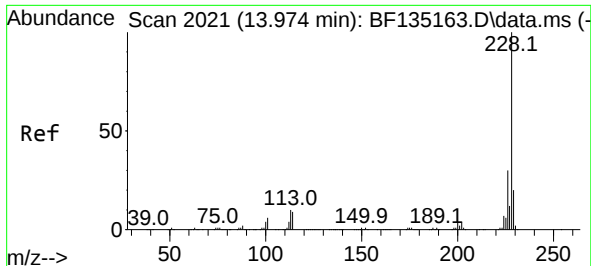


#82
3,3'-Dichlorobenzidine
Concen: 39.967 ng
RT: 13.904 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54



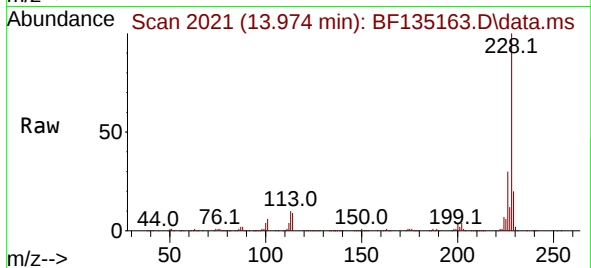
Tgt Ion:252 Resp: 170145
Ion Ratio Lower Upper
252 100
254 63.7 51.0 76.4
126 9.8 7.8 11.8





#83
Chrysene
Concen: 39.353 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54

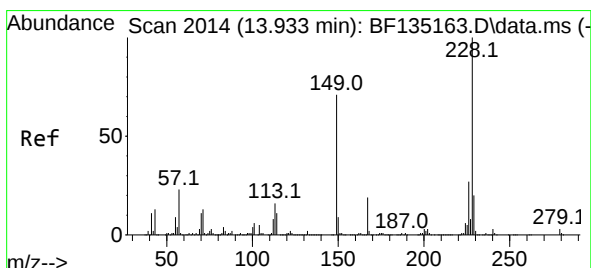
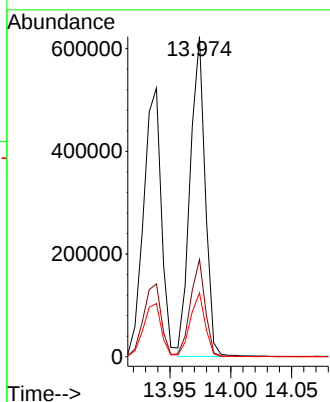
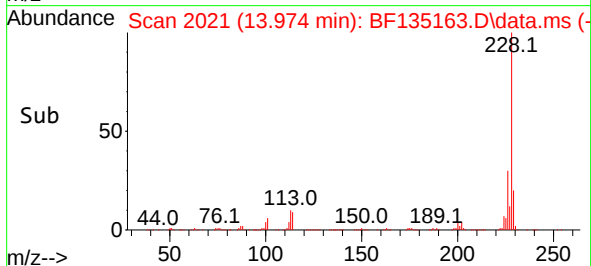
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



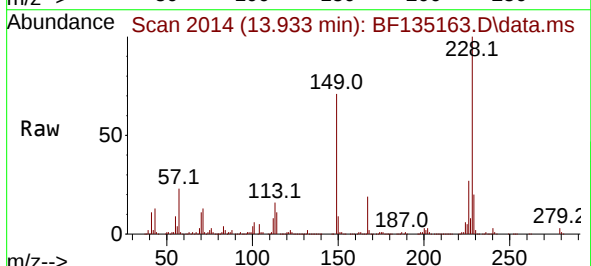
Tgt Ion:228 Resp: 533250
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 20.0 16.0 24.0

Manual Integrations
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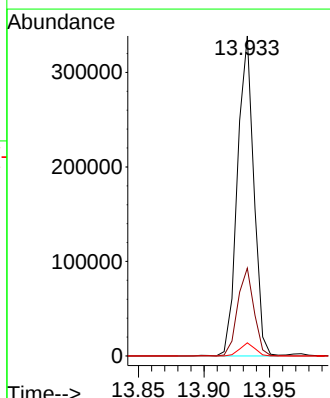
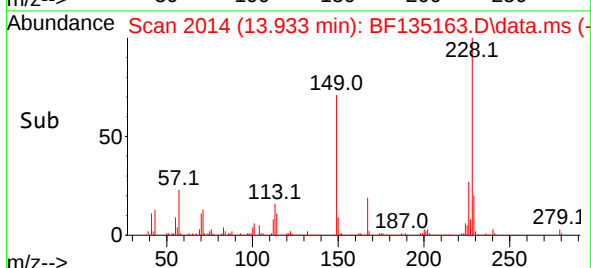
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

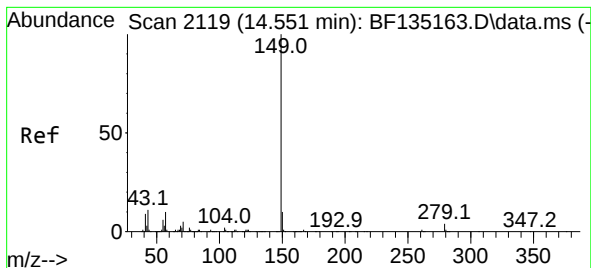


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.503 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54



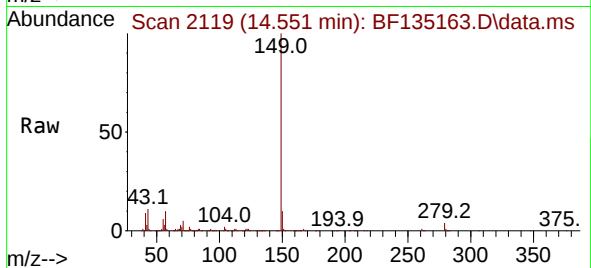
Tgt Ion:149 Resp: 294065
Ion Ratio Lower Upper
149 100
167 27.4 21.9 32.9
279 4.1 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 40.981 ng
RT: 14.551 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54

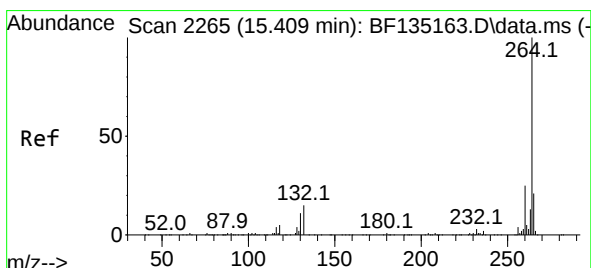
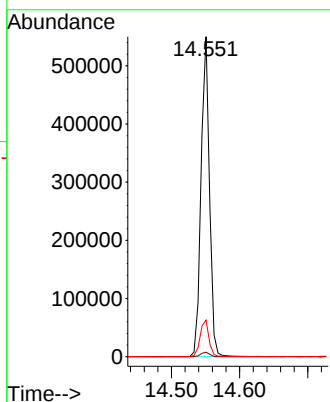
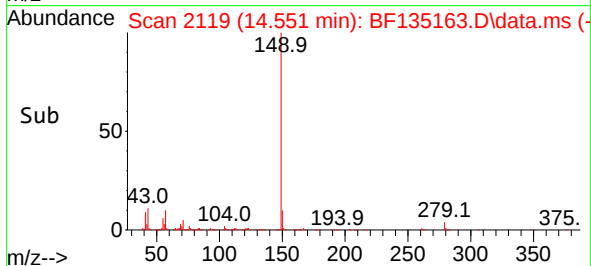
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:149 Resp: 472849
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 12.2 9.8 14.6

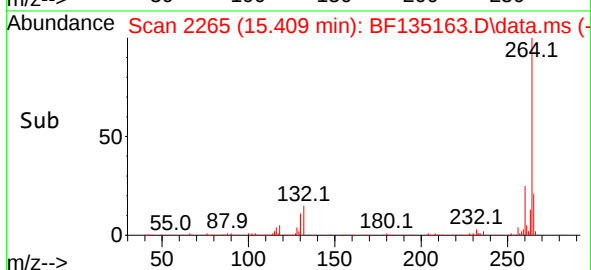
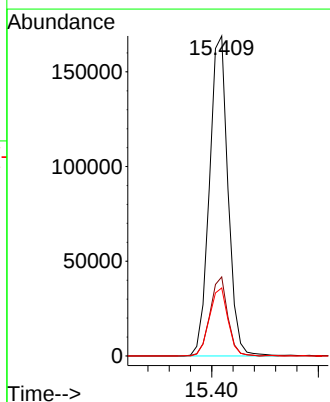
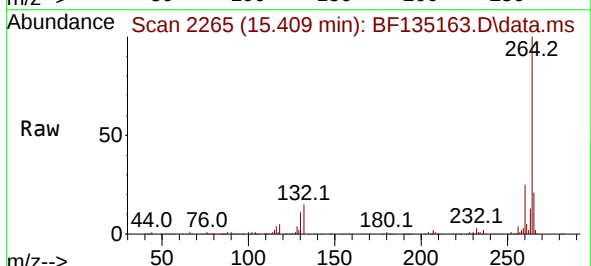
Manual Integrations
APPROVED

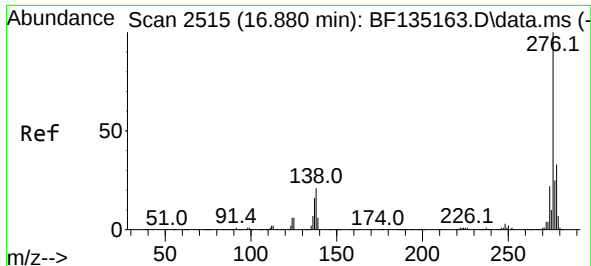
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.409 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54

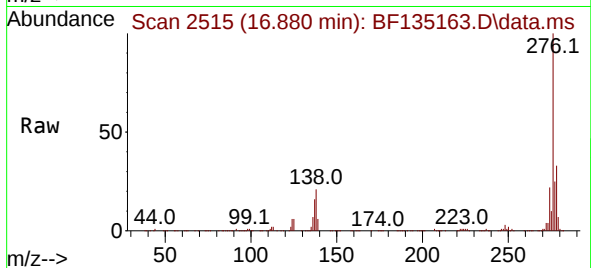
Tgt Ion:264 Resp: 204799
Ion Ratio Lower Upper
264 100
260 24.7 19.8 29.6
265 21.2 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 41.980 ng
RT: 16.880 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54

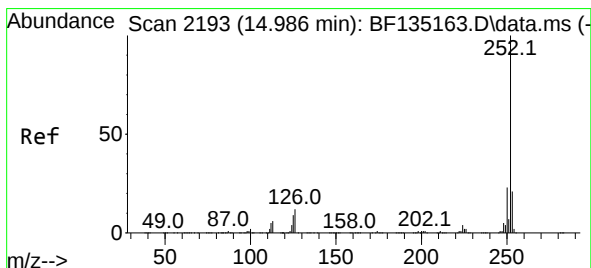
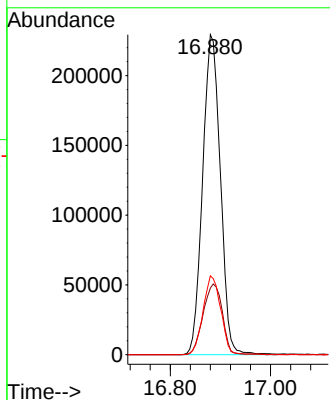
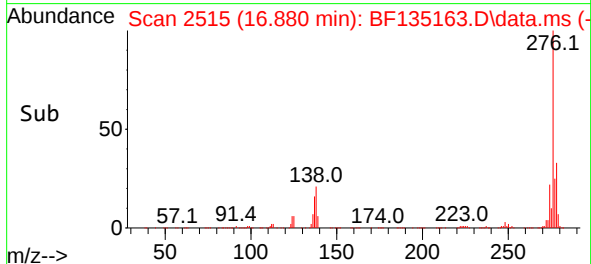
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



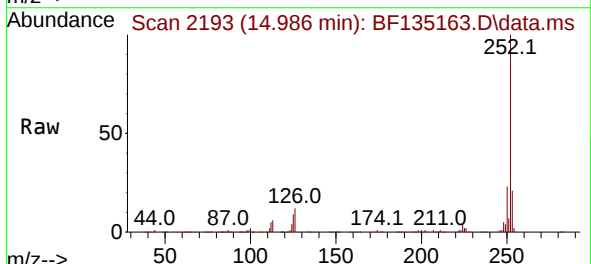
Tgt Ion:276 Resp: 563700
Ion Ratio Lower Upper
276 100
138 24.0 19.2 28.8
277 24.6 19.7 29.5

Manual Integrations
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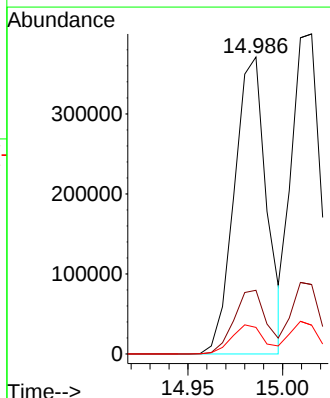
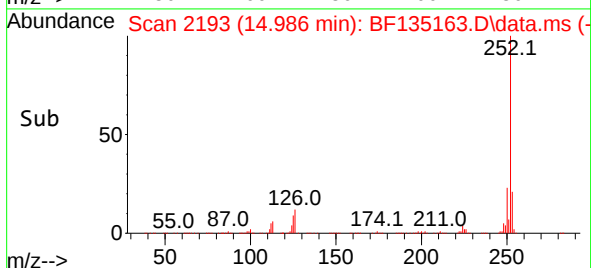
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

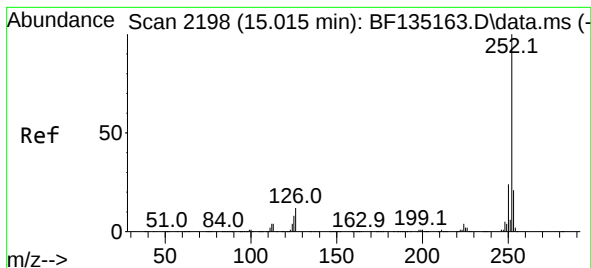


#88
Benzo(b)fluoranthene
Concen: 39.795 ng
RT: 14.986 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54



Tgt Ion:252 Resp: 441186
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 8.9 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 39.381 ng

RT: 15.015 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF135163.D

Acq: 11 Sep 2023 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

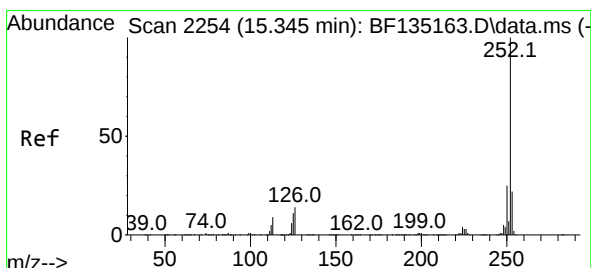
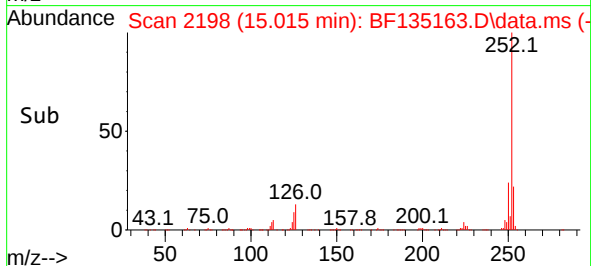
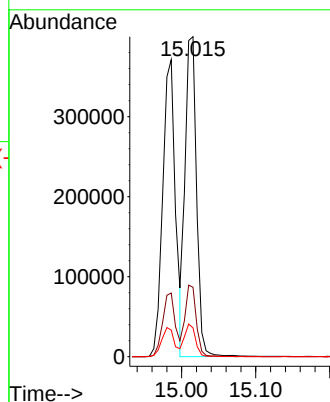
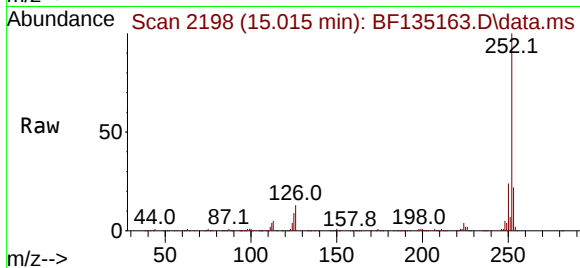
Tgt Ion:252 Resp: 43128
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.4 26.0
 125 9.0 7.2 10.8

Manual Integrations

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Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/13/2023



#90

Benzo(a)pyrene

Concen: 40.580 ng

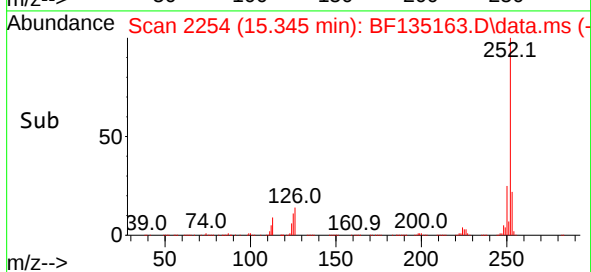
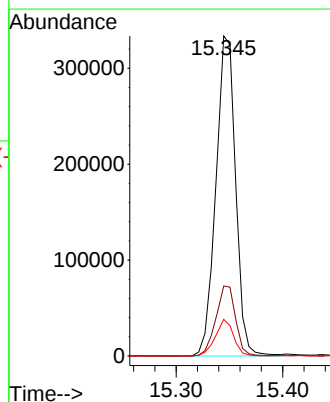
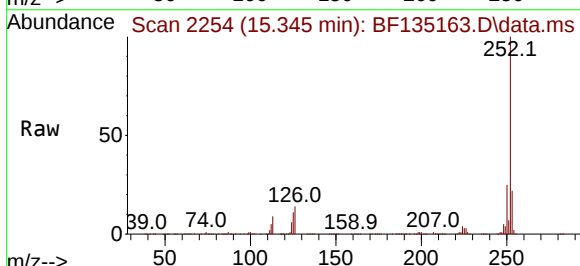
RT: 15.345 min Scan# 2254

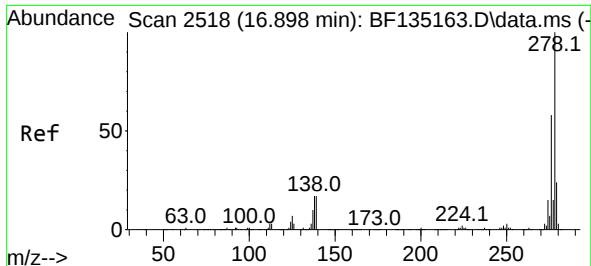
Delta R.T. 0.000 min

Lab File: BF135163.D

Acq: 11 Sep 2023 14:54

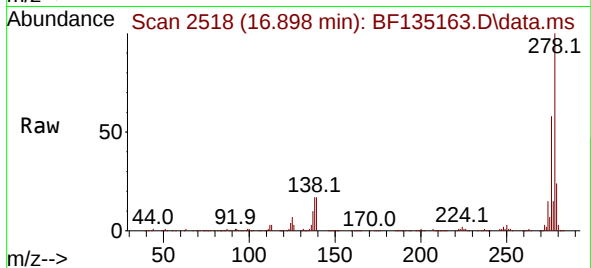
Tgt Ion:252 Resp: 429028
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.5 26.3
 125 11.5 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 41.474 ng
RT: 16.898 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54

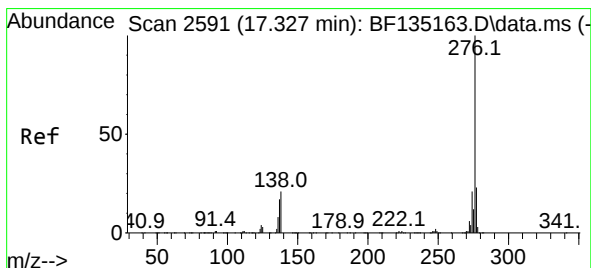
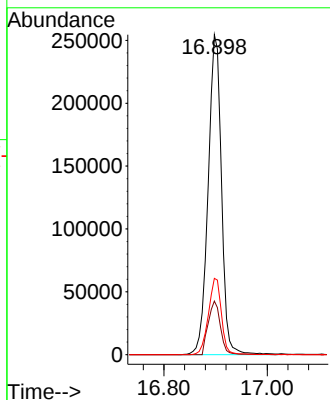
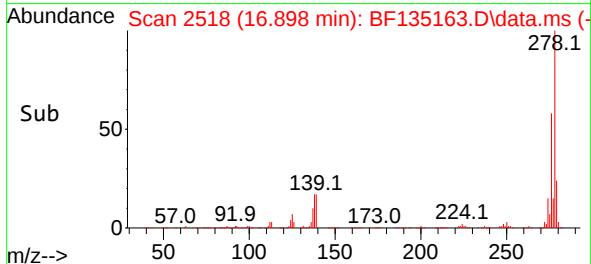
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



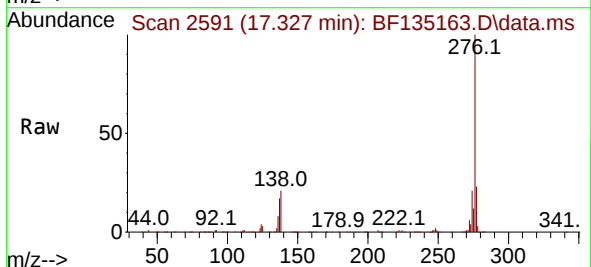
Tgt Ion:278 Resp: 455674
Ion Ratio Lower Upper
278 100
139 16.7 13.4 20.0
279 23.8 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#92
Benzo(g,h,i)perylene
Concen: 42.145 ng
RT: 17.327 min Scan# 2591
Delta R.T. 0.000 min
Lab File: BF135163.D
Acq: 11 Sep 2023 14:54



Tgt Ion:276 Resp: 483591
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 21.1 16.9 25.3

