

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091923\
 Data File : BF135337.D
 Acq On : 19 Sep 2023 16:17
 Operator : CG\JU
 Sample : PB155558BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155558BS

Quant Time: Sep 20 01:35:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/20/2023
 Supervised By :mohammad ahmed 09/20/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	125514	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	492351	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	247714	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	480322	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	236013	20.000	ng	0.00
86) Perylene-d12	15.404	264	231638	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	999537	129.523	ng	0.02
7) Phenol-d6	6.410	99	1256160	128.014	ng	0.00
23) Nitrobenzene-d5	7.328	82	819382	90.416	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	312134	126.797	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1400328	85.288	ng	0.00
79) Terphenyl-d14	12.886	244	1446171	94.988	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.569	88	143846	42.520	ng	99
3) Pyridine	3.316	79	361566	39.711	ng	99
4) n-Nitrosodimethylamine	3.281	42	249484	51.636	ng	96
6) Aniline	6.428	93	400378	31.115	ng	# 76
8) 2-Chlorophenol	6.545	128	414916	50.366	ng	99
9) Benzaldehyde	6.310	77	104153	18.632	ng	94
10) Phenol	6.422	94	462302	42.965	ng	84
11) bis(2-Chloroethyl)ether	6.504	93	394915	48.929	ng	99
12) 1,3-Dichlorobenzene	6.698	146	402978	48.133	ng	99
13) 1,4-Dichlorobenzene	6.775	146	409399	48.063	ng	99
14) 1,2-Dichlorobenzene	6.928	146	385380	48.719	ng	97
15) Benzyl Alcohol	6.910	79	242587	34.451	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.034	45	761021	50.023	ng	90
17) 2-Methylphenol	7.022	107	309477	42.571	ng	96
18) Hexachloroethane	7.263	117	157641	50.088	ng	92
19) n-Nitroso-di-n-propyla...	7.181	70	268179	44.123	ng	96
20) 3+4-Methylphenols	7.175	107	373605	42.739	ng	96
22) Acetophenone	7.169	105	521364	46.317	ng	# 99
24) Nitrobenzene	7.345	77	426762	47.645	ng	99
25) Isophorone	7.581	82	792076	47.598	ng	99
26) 2-Nitrophenol	7.657	139	222012	51.643	ng	98
27) 2,4-Dimethylphenol	7.698	122	329093	45.543	ng	98
28) bis(2-Chloroethoxy)met...	7.792	93	491172	49.314	ng	99
29) 2,4-Dichlorophenol	7.904	162	329551	49.218	ng	98
30) 1,2,4-Trichlorobenzene	7.981	180	341525	48.799	ng	100
31) Naphthalene	8.063	128	1133421	47.380	ng	100
32) Benzoic acid	7.845	122	273109	50.192	ng	99
33) 4-Chloroaniline	8.116	127	267939	25.529	ng	97
34) Hexachlorobutadiene	8.175	225	199191	47.201	ng	99
35) Caprolactam	8.492	113	124533m	55.417	ng	
36) 4-Chloro-3-methylphenol	8.610	107	376413	50.581	ng	99
37) 2-Methylnaphthalene	8.751	142	720029	44.777	ng	98
38) 1-Methylnaphthalene	8.851	142	679517	45.136	ng	98
40) 1,2,4,5-Tetrachloroben...	8.922	216	332641	46.351	ng	98
41) Hexachlorocyclopentadiene	8.904	237	257988	81.439	ng	99
43) 2,4,6-Trichlorophenol	9.039	196	225154	47.918	ng	97

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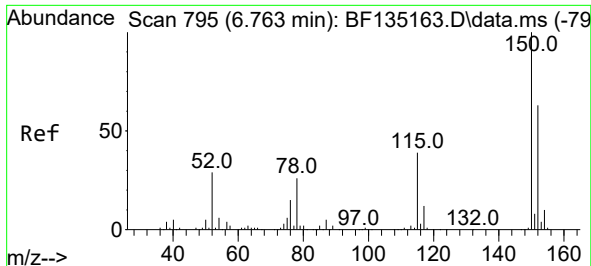
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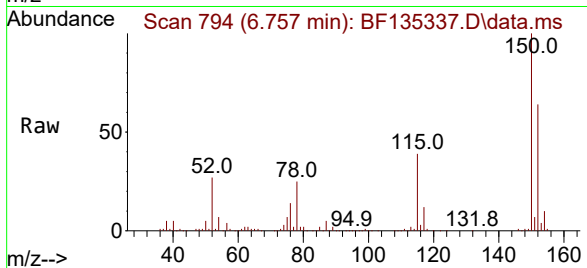
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	254586	47.049	ng	98
46) 1,1'-Biphenyl	9.222	154	901190	47.340	ng	100
47) 2-Chloronaphthalene	9.245	162	673518	48.763	ng	98
48) 2-Nitroaniline	9.345	65	278457	51.894	ng	93
49) Acenaphthylene	9.663	152	1111666	48.429	ng	100
50) Dimethylphthalate	9.528	163	841484	50.244	ng	99
51) 2,6-Dinitrotoluene	9.592	165	186504	50.833	ng	96
52) Acenaphthene	9.833	154	645827	47.626	ng	98
53) 3-Nitroaniline	9.763	138	153417	35.623	ng	96
54) 2,4-Dinitrophenol	9.880	184	205147	97.050	ng	98
55) Dibenzofuran	10.004	168	933260	45.101	ng	96
56) 4-Nitrophenol	9.939	139	253813	92.729	ng	97
57) 2,4-Dinitrotoluene	10.004	165	215749	46.972	ng	86
58) Fluorene	10.351	166	739066	46.459	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.128	232	212422	51.033	ng	97
60) Diethylphthalate	10.227	149	833967	49.617	ng	98
61) 4-Chlorophenyl-phenyle...	10.339	204	352320	46.105	ng	98
62) 4-Nitroaniline	10.386	138	200875	48.523	ng	99
63) Azobenzene	10.504	77	822788	50.018	ng	97
65) 4,6-Dinitro-2-methylph...	10.416	198	133434	52.304	ng	92
66) n-Nitrosodiphenylamine	10.463	169	697449	47.962	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	228593	47.851	ng	95
68) Hexachlorobenzene	10.898	284	246500	50.649	ng	# 92
69) Atrazine	10.998	200	222350	56.827	ng	98
70) Pentachlorophenol	11.098	266	252420	86.688	ng	98
71) Phenanthrene	11.316	178	1115513	49.104	ng	99
72) Anthracene	11.369	178	1133423	48.539	ng	100
73) Carbazole	11.527	167	1073567	50.505	ng	99
74) Di-n-butylphthalate	11.857	149	1300161	51.907	ng	99
75) Fluoranthene	12.510	202	1169760	49.417	ng	99
77) Benzidine	12.633	184	423593	87.607	ng	99
78) Pyrene	12.739	202	1176802	52.372	ng	100
80) Butylbenzylphthalate	13.363	149	485014	61.306	ng	93
81) Benzo(a)anthracene	13.939	228	754643	49.517	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	197387	41.466	ng	# 98
83) Chrysene	13.974	228	751492	49.597	ng	100
84) Bis(2-ethylhexyl)phtha...	13.927	149	532943	65.646	ng	99
85) Di-n-octyl phthalate	14.545	149	830333	64.358	ng	99
87) Indeno(1,2,3-cd)pyrene	16.898	276	770934	50.760	ng	97
88) Benzo(b)fluoranthene	14.986	252	655342	52.263	ng	99
89) Benzo(k)fluoranthene	15.015	252	591839	47.780	ng	100
90) Benzo(a)pyrene	15.351	252	578095	48.344	ng	98
91) Dibenzo(a,h)anthracene	16.909	278	615865	49.559	ng	99
92) Benzo(g,h,i)perylene	17.345	276	646268	49.796	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

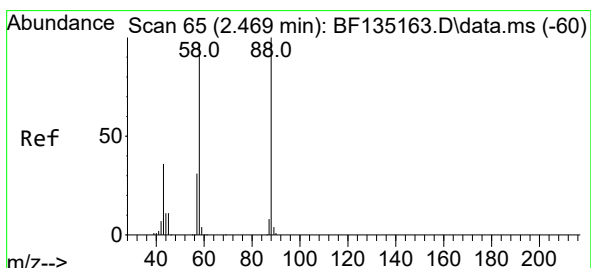
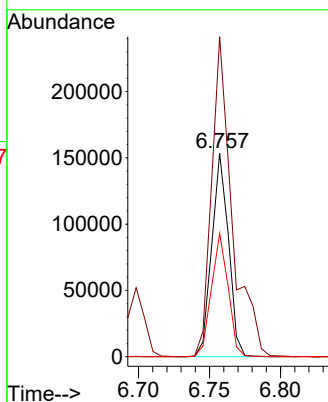
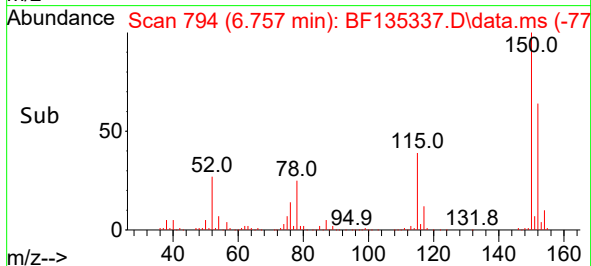
Instrument :
BNA_F
ClientSampleId :
PB155558BS



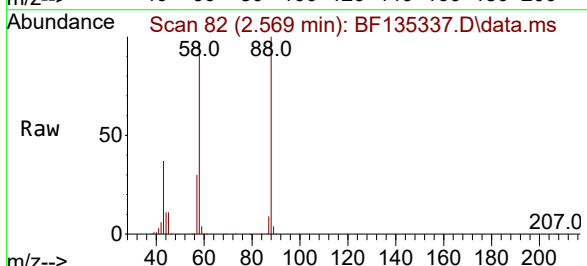
Tgt Ion:152 Resp: 125514
Ion Ratio Lower Upper
152 100
150 157.2 127.8 191.6
115 60.6 49.8 74.8

Manual Integrations
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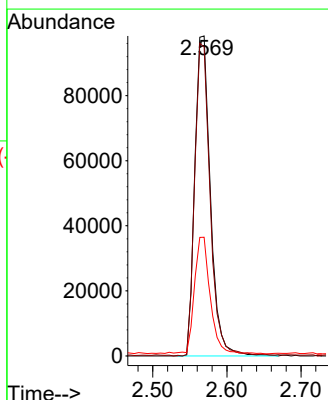
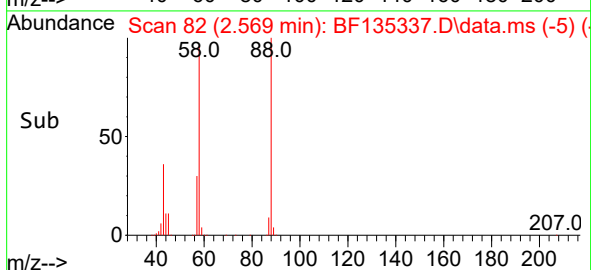
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

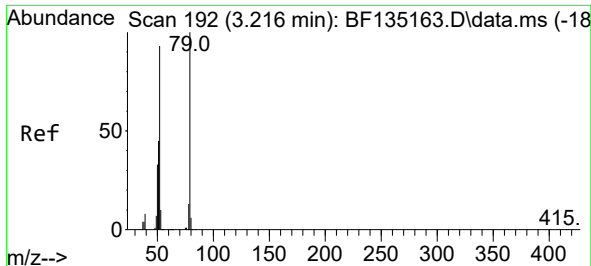


#2
1,4-Dioxane
Concen: 42.520 ng
RT: 2.569 min Scan# 82
Delta R.T. 0.100 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17



Tgt Ion: 88 Resp: 143846
Ion Ratio Lower Upper
88 100
58 96.6 78.3 117.5
43 37.0 29.4 44.0





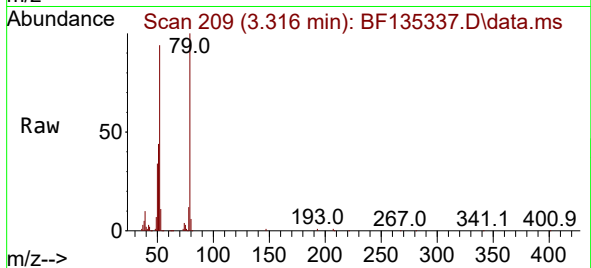
#3
Pyridine
Concen: 39.711 ng
RT: 3.316 min Scan# 203
Delta R.T. 0.100 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

Instrument :

BNA_F

ClientSampleId :

PB155558BS

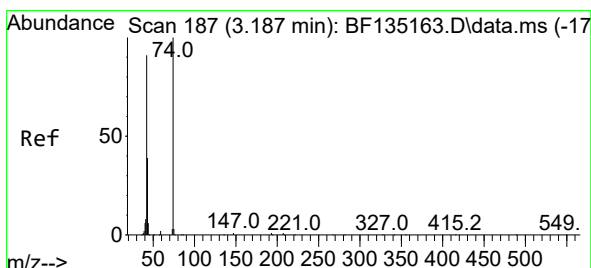
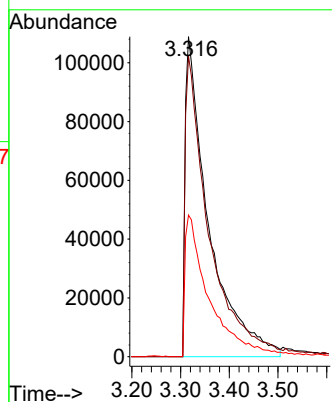
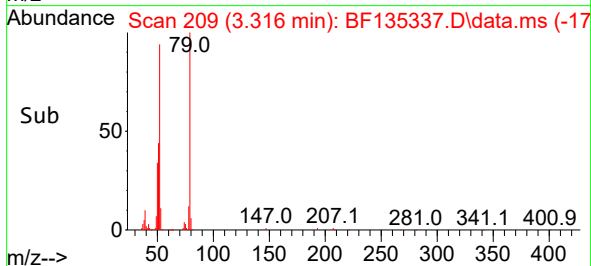


Tgt Ion: 79 Resp: 361560
Ion Ratio Lower Upper
79 100
52 93.9 74.1 111.1
51 44.3 35.8 53.8

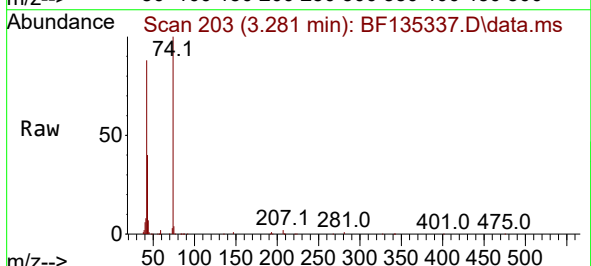
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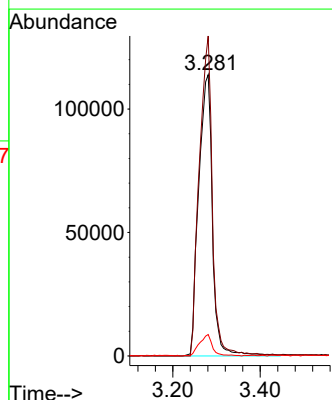
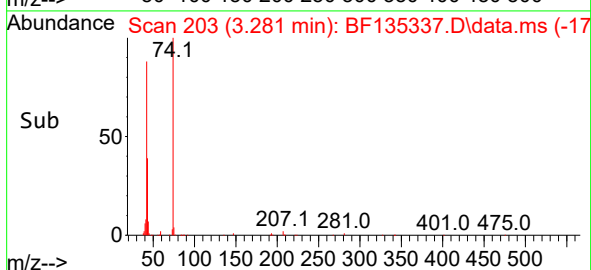
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

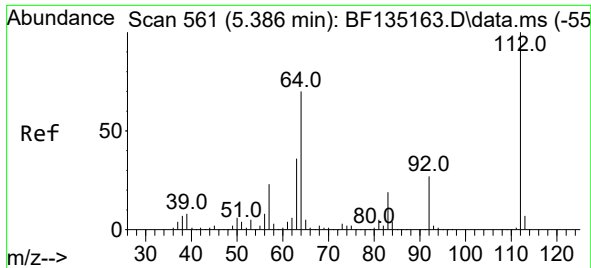


#4
n-Nitrosodimethylamine
Concen: 51.636 ng
RT: 3.281 min Scan# 203
Delta R.T. 0.094 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17



Tgt Ion: 42 Resp: 249484
Ion Ratio Lower Upper
42 100
74 113.8 87.7 131.5
44 7.6 5.6 8.4





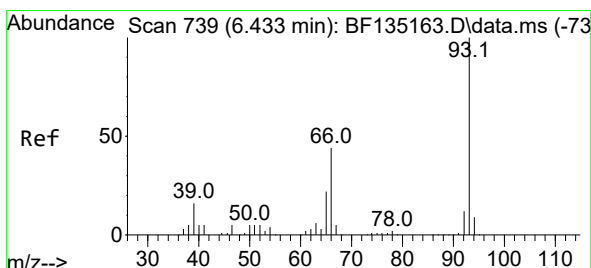
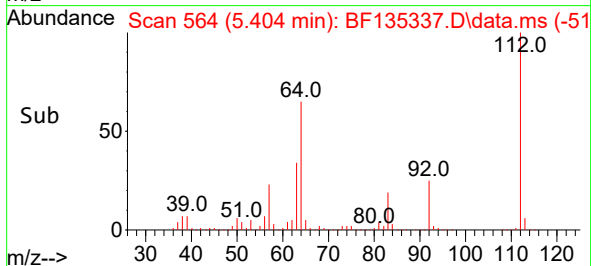
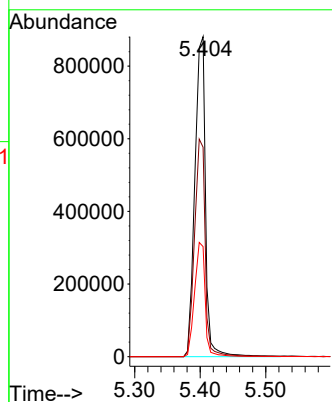
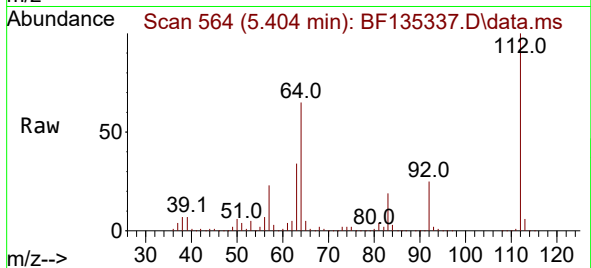
#5
2-Fluorophenol
Concen: 129.523 ng
RT: 5.404 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

Instrument :
BNA_F
ClientSampleId :
PB155558BS

Tgt Ion:112 Resp: 99953
Ion Ratio Lower Upper
112 100
64 65.4 55.9 83.9
63 34.4 29.0 43.6

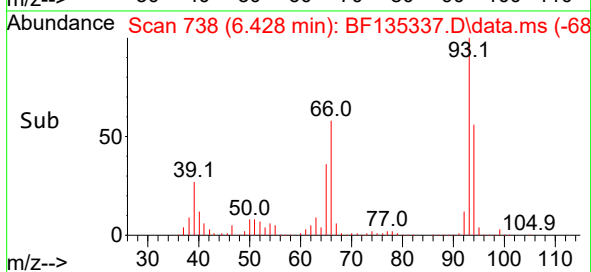
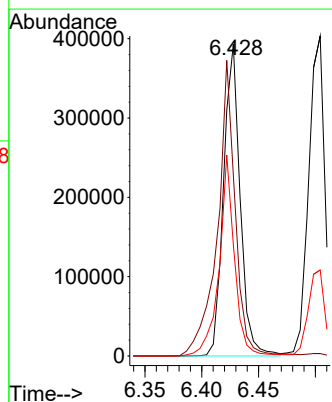
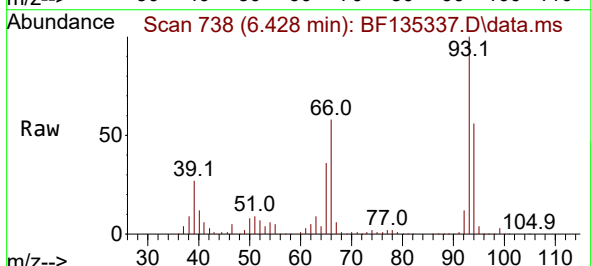
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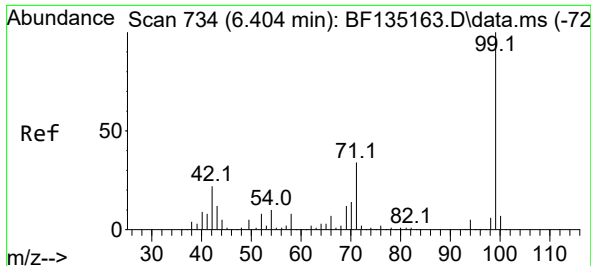
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#6
Aniline
Concen: 31.115 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

Tgt Ion: 93 Resp: 400378
Ion Ratio Lower Upper
93 100
66 58.1 35.4 53.0#
65 35.8 17.8 26.8#





#7

Phenol-d6

Concen: 128.014 ng

RT: 6.410 min Scan# 710

Delta R.T. 0.006 min

Lab File: BF135337.D

Acq: 19 Sep 2023 16:17

Instrument :

BNA_F

ClientSampleId :

PB155558BS

Tgt Ion: 99 Resp: 125616

Ion Ratio Lower Upper

99 100

42 24.5 17.9 26.9

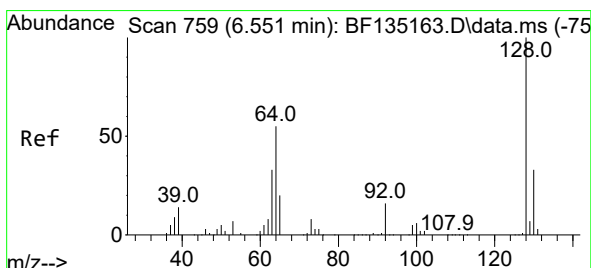
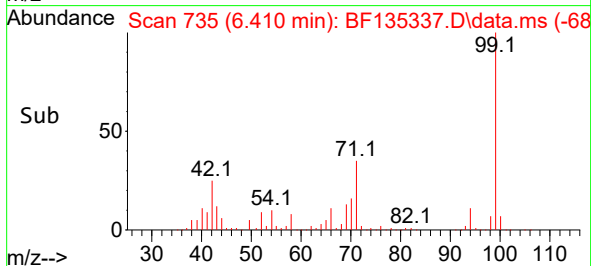
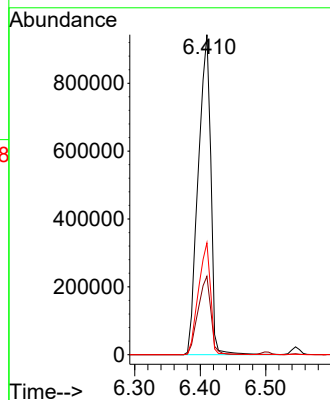
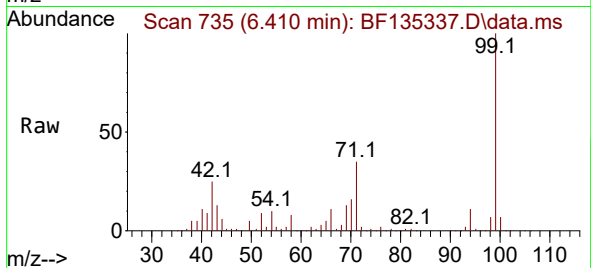
71 35.0 27.0 40.6

Manual Integrations

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Supervised By :mohammad ahmed 09/20/2023



#8

2-Chlorophenol

Concen: 50.366 ng

RT: 6.545 min Scan# 758

Delta R.T. -0.006 min

Lab File: BF135337.D

Acq: 19 Sep 2023 16:17

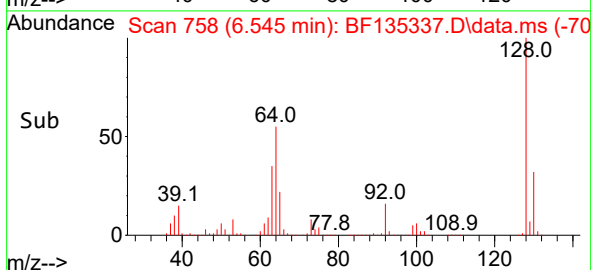
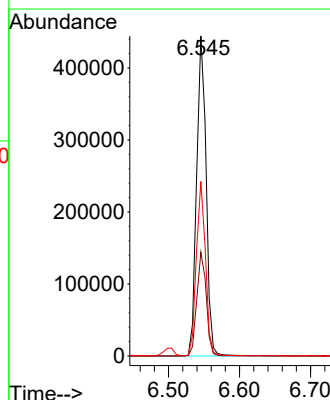
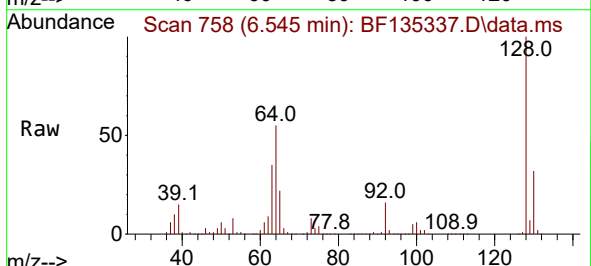
Tgt Ion:128 Resp: 414916

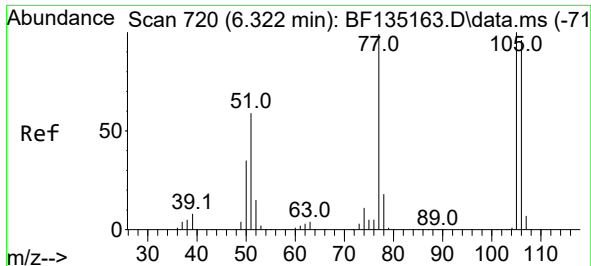
Ion Ratio Lower Upper

128 100

130 32.4 12.7 52.7

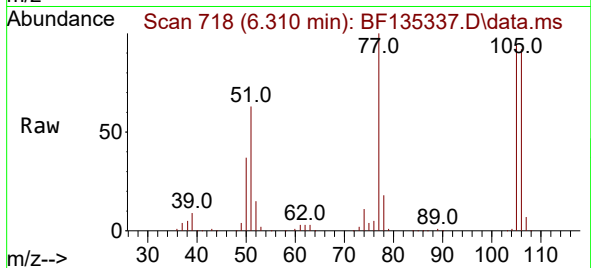
64 54.6 35.9 75.9





#9
Benzaldehyde
Concen: 18.632 ng
RT: 6.310 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

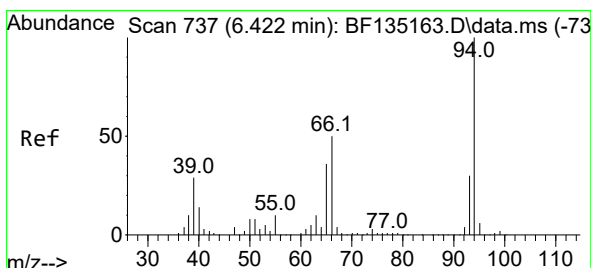
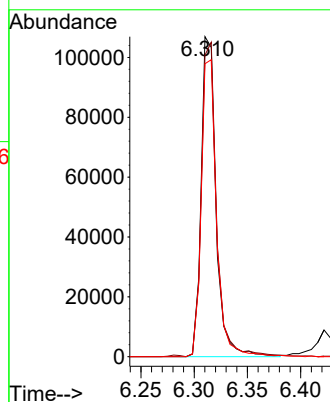
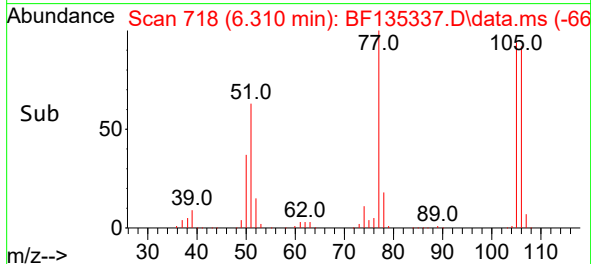
Instrument :
BNA_F
ClientSampleId :
PB155558BS



Tgt Ion: 77 Resp: 10415
Ion Ratio Lower Upper
77 100
105 94.3 81.4 121.4
106 91.6 76.9 116.9

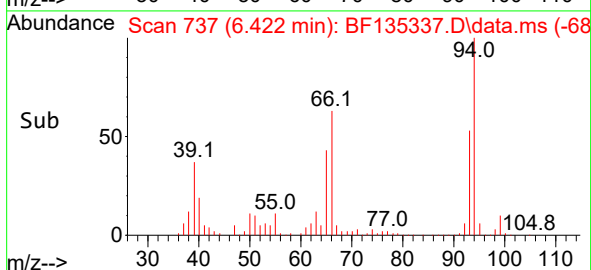
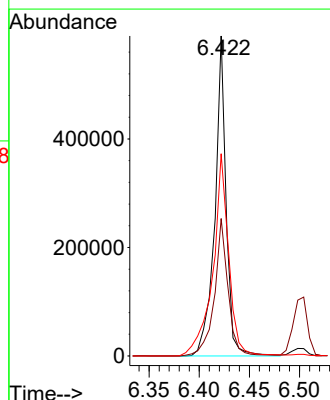
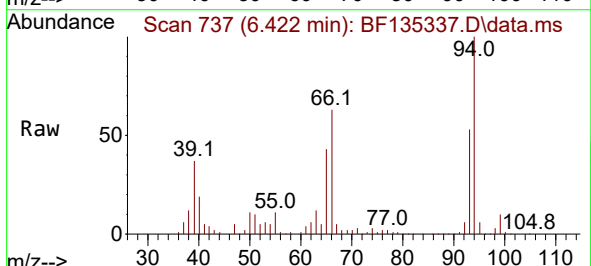
Manual Integrations
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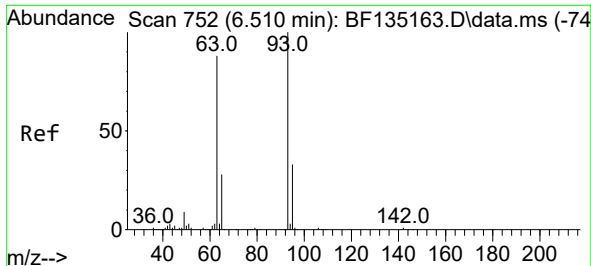
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#10
Phenol
Concen: 42.965 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

Tgt Ion: 94 Resp: 462302
Ion Ratio Lower Upper
94 100
65 43.0 15.9 55.9
66 63.2 29.8 69.8





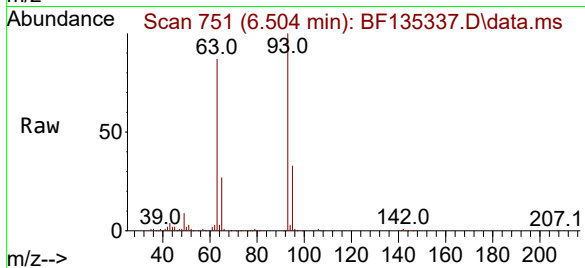
#11
bis(2-Chloroethyl)ether
Concen: 48.929 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

Instrument :

BNA_F

ClientSampleId :

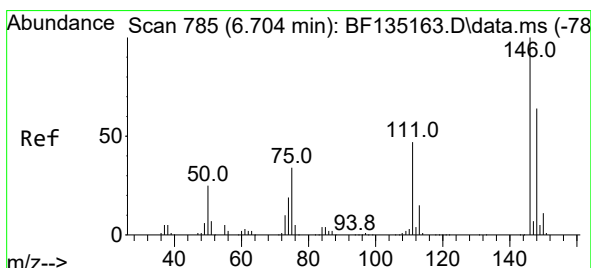
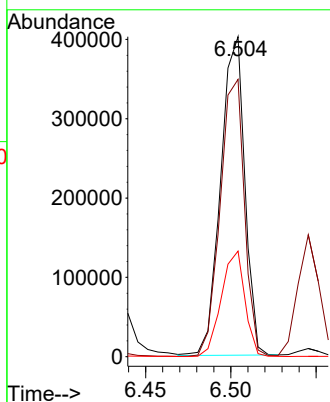
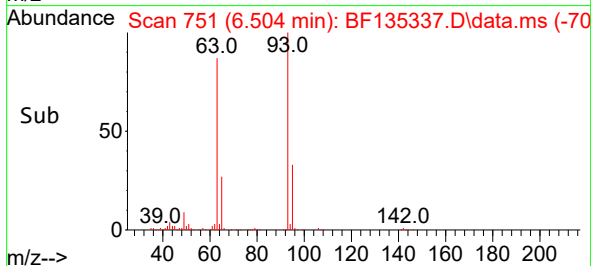
PB155558BS



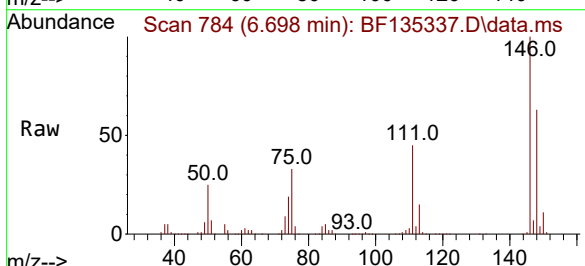
Tgt Ion: 93 Resp: 394915
Ion Ratio Lower Upper
93 100
63 86.6 67.3 107.3
95 33.0 12.7 52.7

Manual Integrations
APPROVED

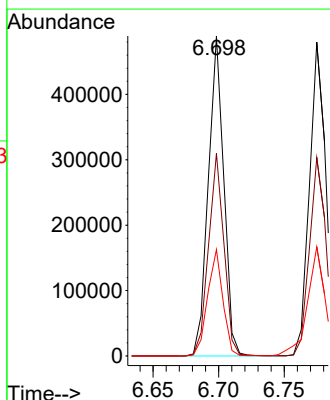
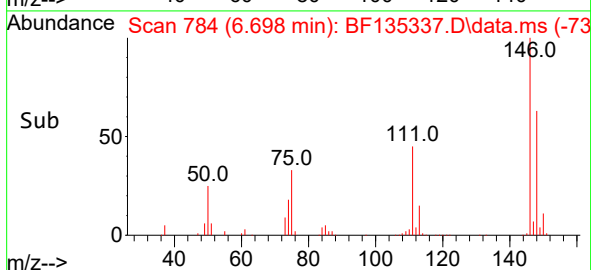
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

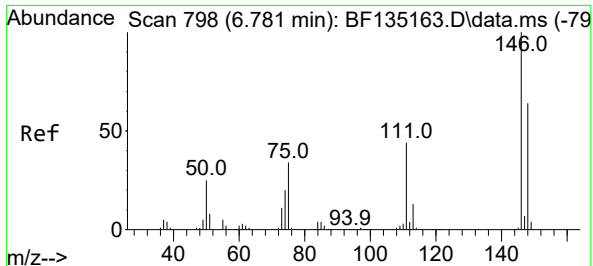


#12
1,3-Dichlorobenzene
Concen: 48.133 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17



Tgt Ion:146 Resp: 402978
Ion Ratio Lower Upper
146 100
148 63.3 51.3 76.9
75 33.3 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 48.063 ng

RT: 6.775 min Scan# 798

Delta R.T. -0.006 min

Lab File: BF135337.D

Acq: 19 Sep 2023 16:17

Instrument :

BNA_F

ClientSampleId :

PB155558BS

Tgt Ion:146 Resp: 409399

Ion Ratio Lower Upper

146 100

148 63.2 51.3 76.9

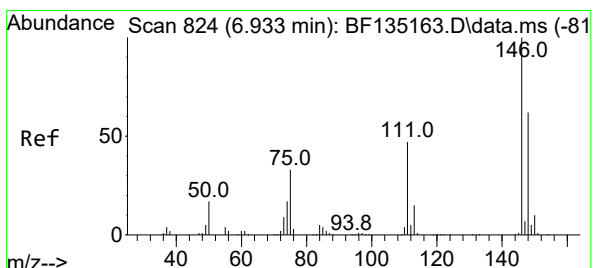
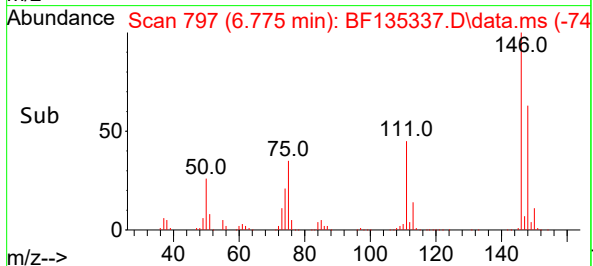
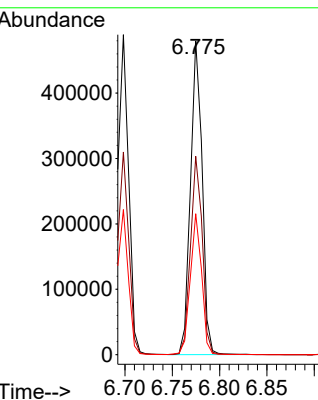
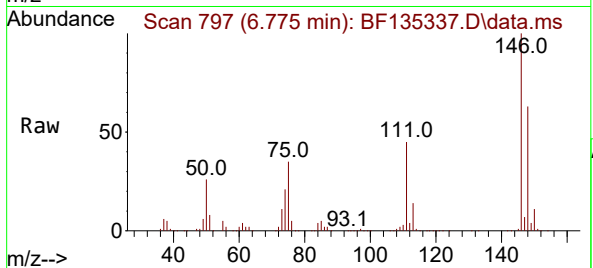
111 44.9 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#14

1,2-Dichlorobenzene

Concen: 48.719 ng

RT: 6.928 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF135337.D

Acq: 19 Sep 2023 16:17

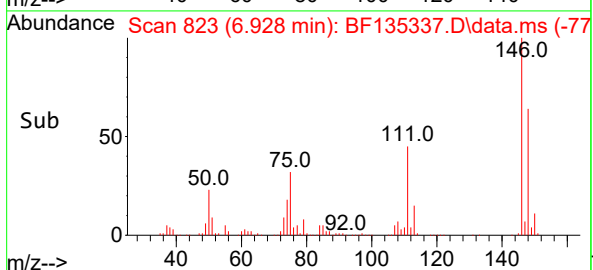
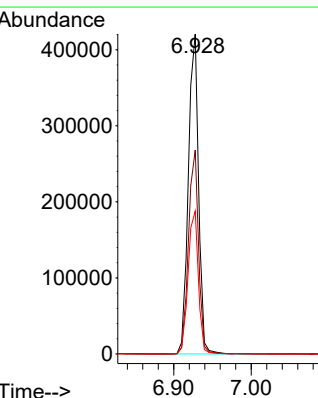
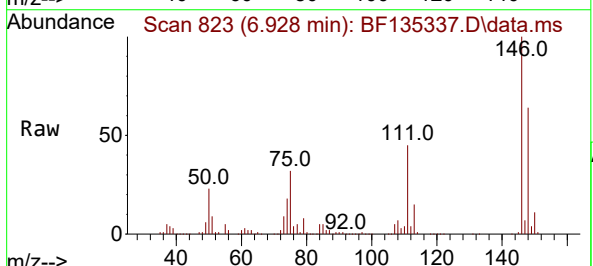
Tgt Ion:146 Resp: 385380

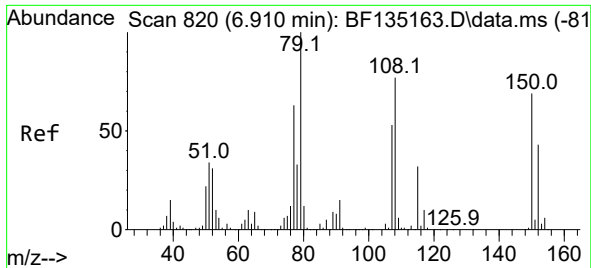
Ion Ratio Lower Upper

146 100

148 63.7 49.7 74.5

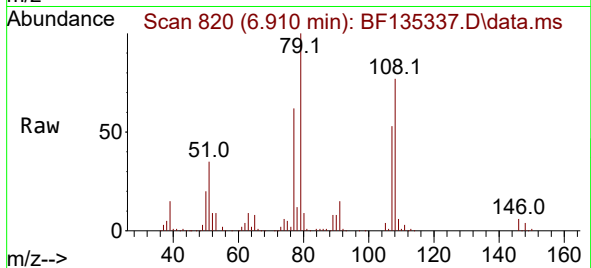
111 44.7 37.4 56.2





#15
Benzyl Alcohol
Concen: 34.451 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

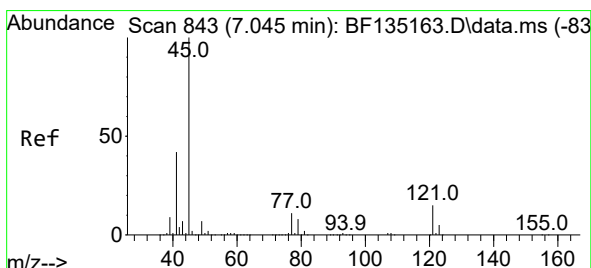
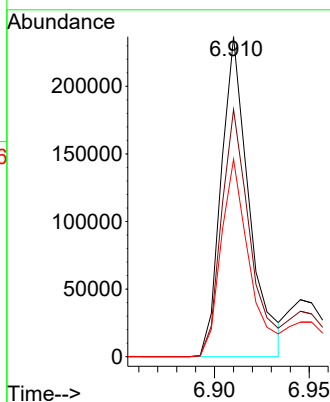
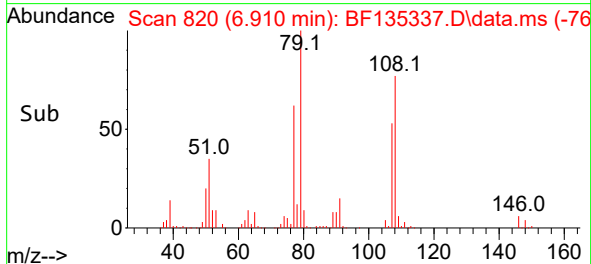
Instrument :
BNA_F
ClientSampleId :
PB155558BS



Tgt Ion: 79 Resp: 24258
Ion Ratio Lower Upper
79 100
108 77.2 61.2 91.8
77 61.7 50.5 75.7

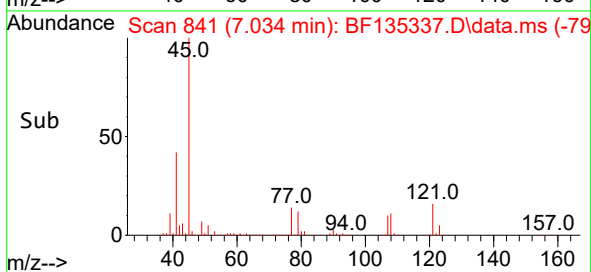
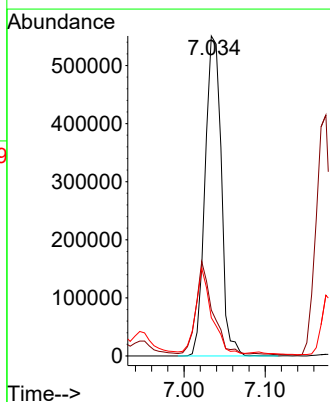
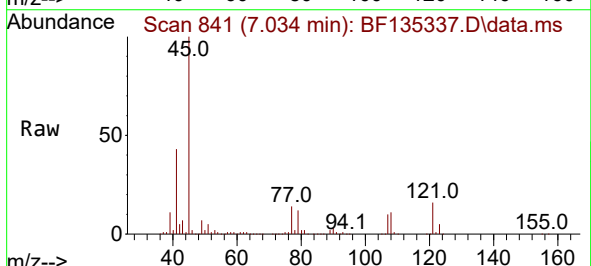
Manual Integrations
APPROVED

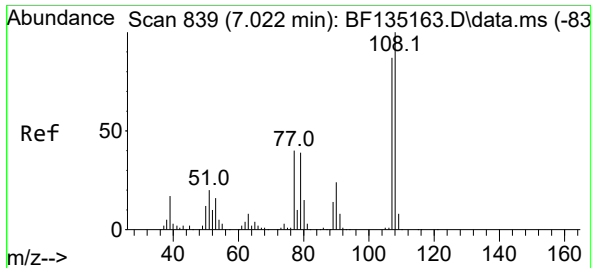
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.023 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

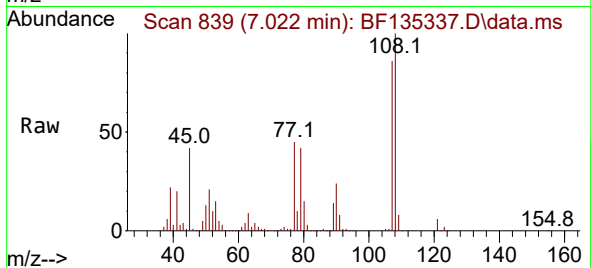
Tgt Ion: 45 Resp: 761021
Ion Ratio Lower Upper
45 100
77 14.4 0.0 30.6
79 12.0 0.0 28.3





#17
2-Methylphenol
Concen: 42.571 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

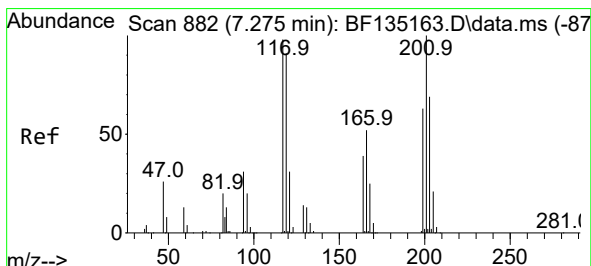
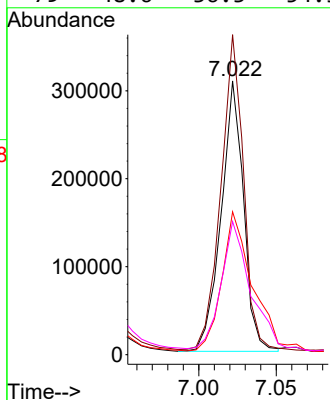
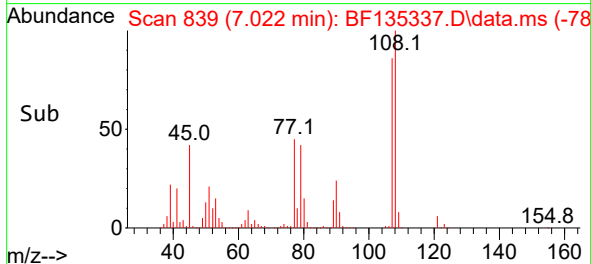
Instrument :
BNA_F
ClientSampleId :
PB155558BS



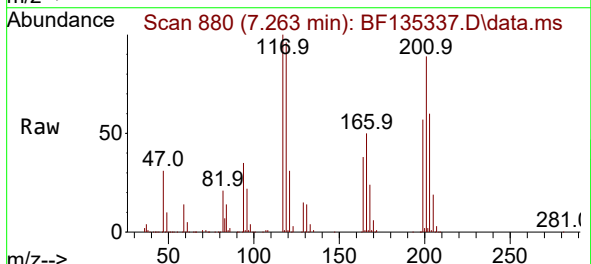
Tgt Ion:	107	Resp:	30947
Ion Ratio	Lower	Upper	
107	100		
108	116.9	92.0	138.0
77	52.2	36.7	55.1
79	48.6	36.3	54.5

Manual Integrations
APPROVED

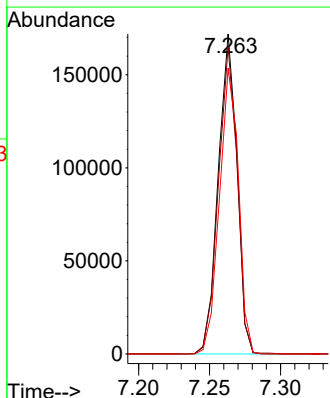
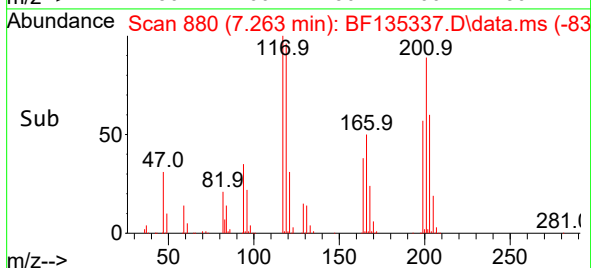
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

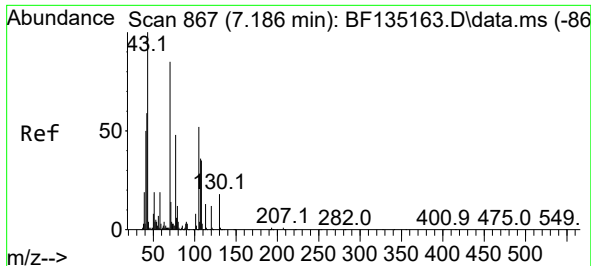


#18
Hexachloroethane
Concen: 50.088 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17



Tgt Ion:	117	Resp:	157641
Ion Ratio	Lower	Upper	
117	100		
119	96.0	74.7	112.1
201	89.3	81.8	122.8





#19

n-Nitroso-di-n-propylamine

Concen: 44.123 ng

RT: 7.181 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF135337.D

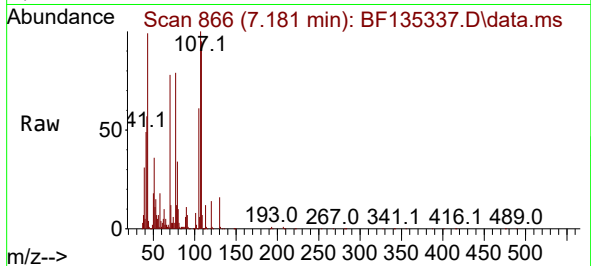
Acq: 19 Sep 2023 16:17

Instrument :

BNA_F

ClientSampleId :

PB155558BS



Tgt Ion: 70 Resp: 268179

Ion Ratio Lower Upper

70 100

42 73.5 55.4 83.0

101 9.7 7.7 11.5

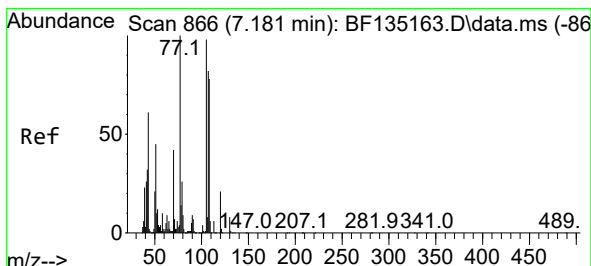
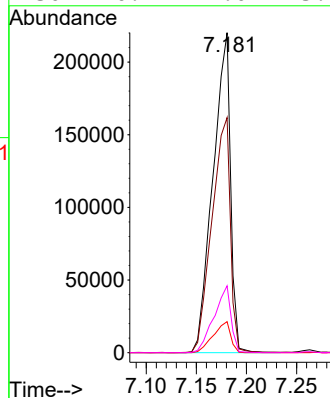
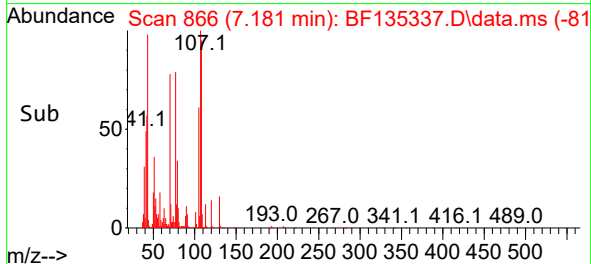
130 20.9 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#20

3+4-Methylphenols

Concen: 42.739 ng

RT: 7.175 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF135337.D

Acq: 19 Sep 2023 16:17

Tgt Ion:107 Resp: 373605

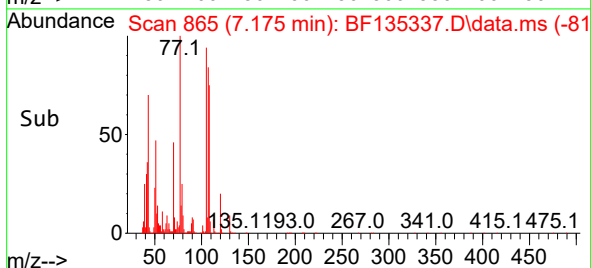
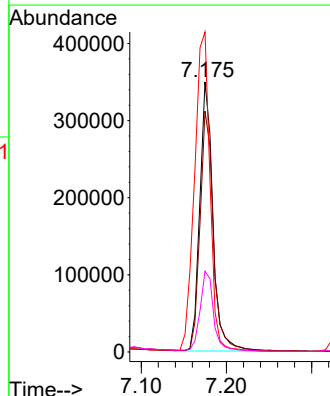
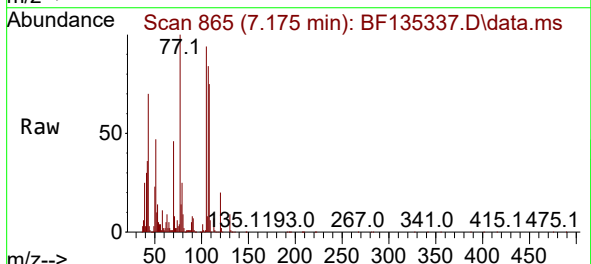
Ion Ratio Lower Upper

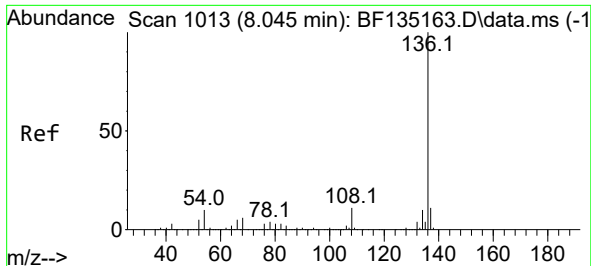
107 100

108 89.2 74.7 114.7

77 118.5 102.0 142.0

79 29.9 11.7 51.7





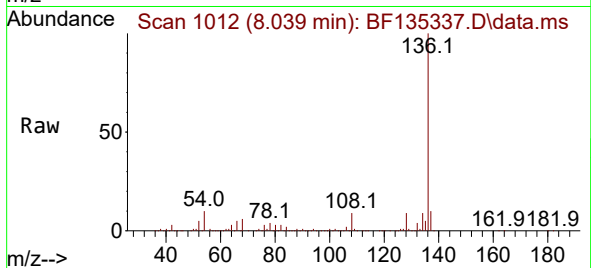
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

Instrument :

BNA_F

ClientSampleId :

PB155558BS

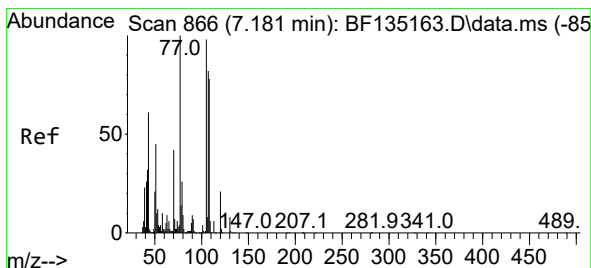
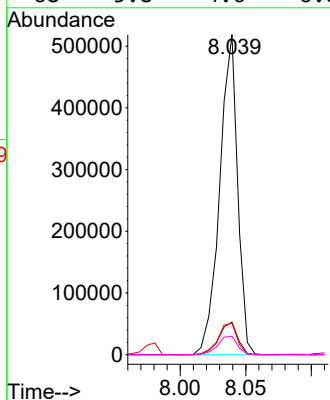
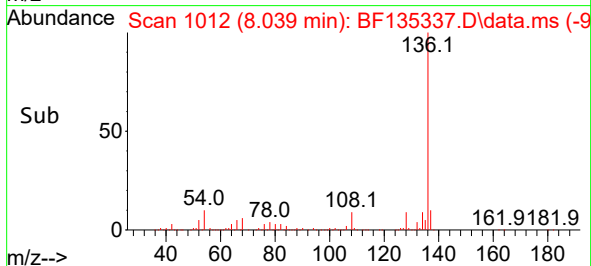


Tgt Ion:136 Resp: 49235
Ion Ratio Lower Upper
136 100
137 10.2 8.8 13.2
54 9.8 7.7 11.5
68 5.8 4.6 6.8

Manual Integrations

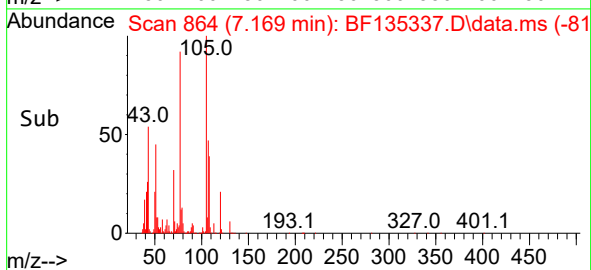
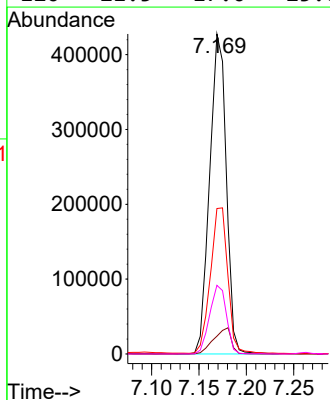
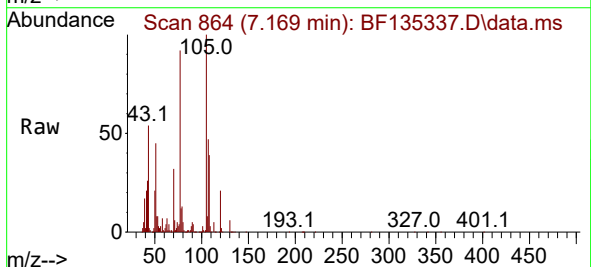
APPROVED

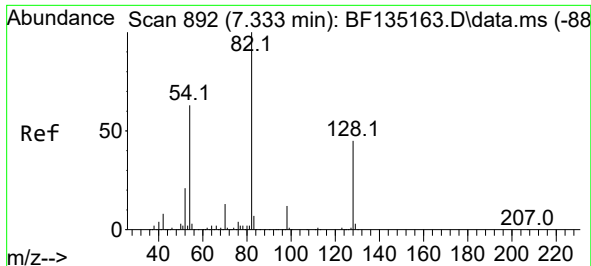
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#22
Acetophenone
Concen: 46.317 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

Tgt Ion:105 Resp: 521364
Ion Ratio Lower Upper
105 100
71 5.6 5.8 8.6#
51 45.4 37.0 55.4
120 21.5 17.0 25.6





#23

Nitrobenzene-d5

Concen: 90.416 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135337.D

Acq: 19 Sep 2023 16:17

Instrument :

BNA_F

ClientSampleId :

PB155558BS

Tgt Ion: 82 Resp: 81938

Ion Ratio Lower Upper

82 100

128 43.9 35.8 53.6

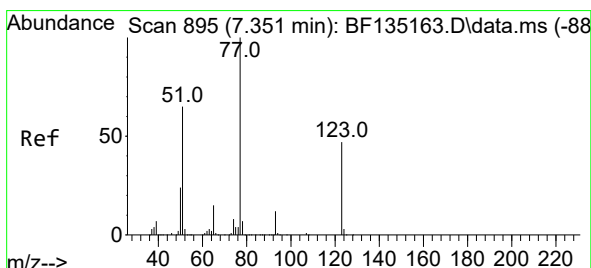
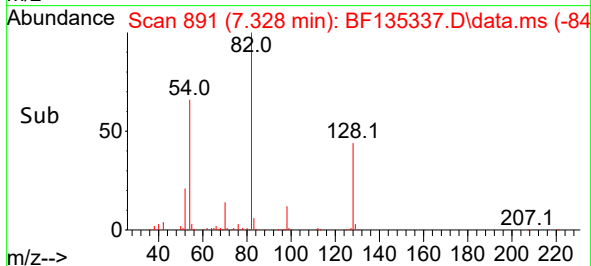
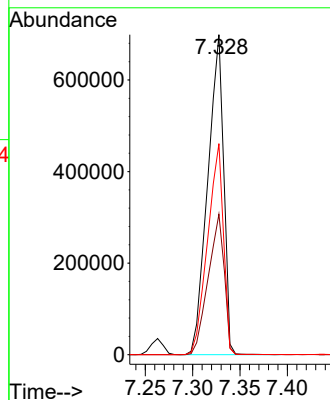
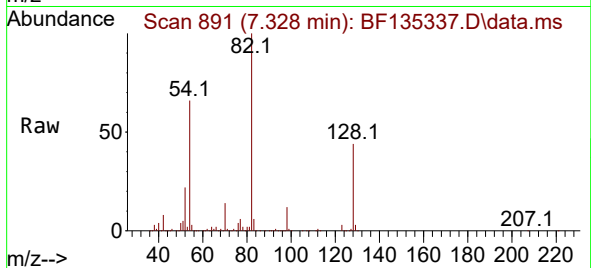
54 66.0 50.6 76.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#24

Nitrobenzene

Concen: 47.645 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF135337.D

Acq: 19 Sep 2023 16:17

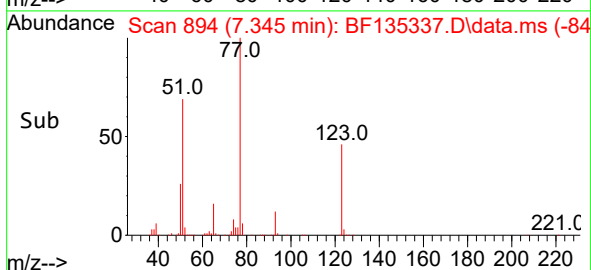
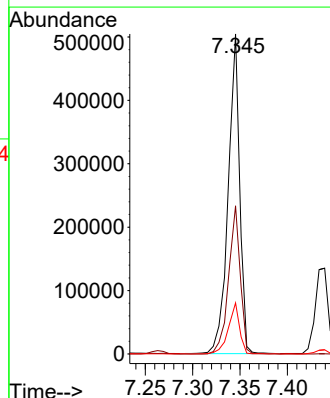
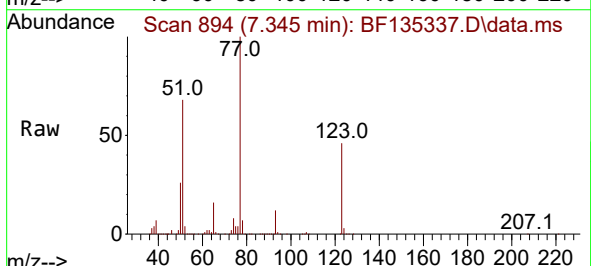
Tgt Ion: 77 Resp: 426762

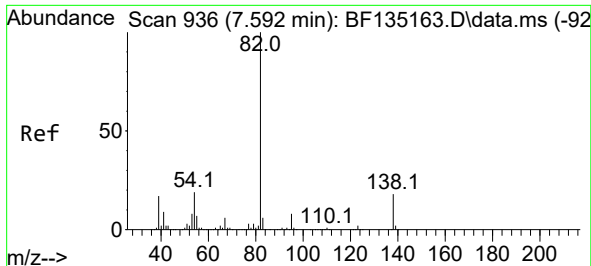
Ion Ratio Lower Upper

77 100

123 46.3 37.6 56.4

65 16.0 12.2 18.4





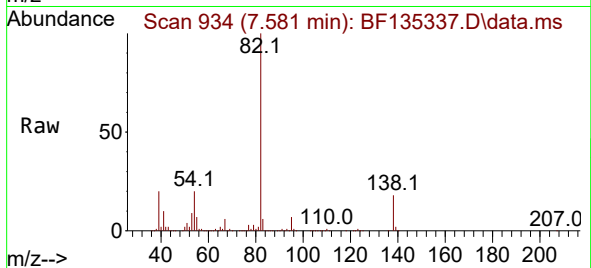
#25
Isophorone
Concen: 47.598 ng
RT: 7.581 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

Instrument :

BNA_F

ClientSampleId :

PB155558BS

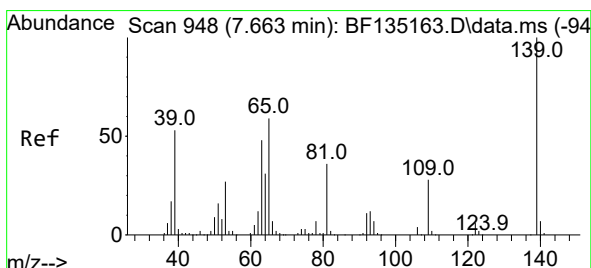
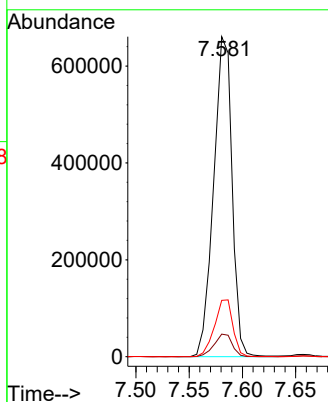
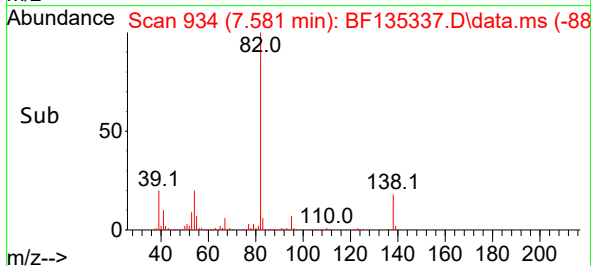


Tgt Ion: 82 Resp: 792070
Ion Ratio Lower Upper
82 100
95 7.0 6.0 9.0
138 17.6 14.5 21.7

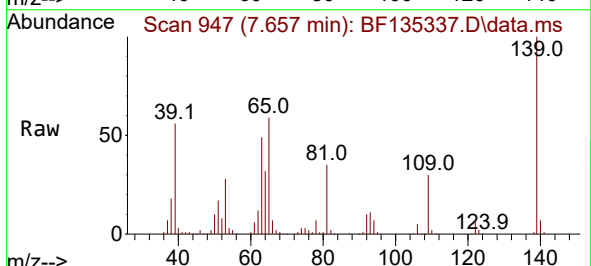
Manual Integrations

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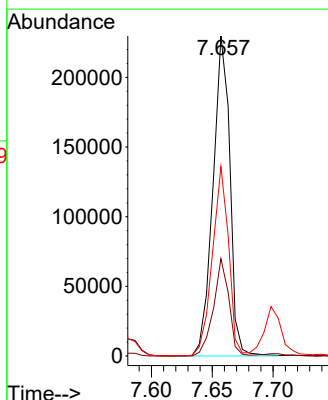
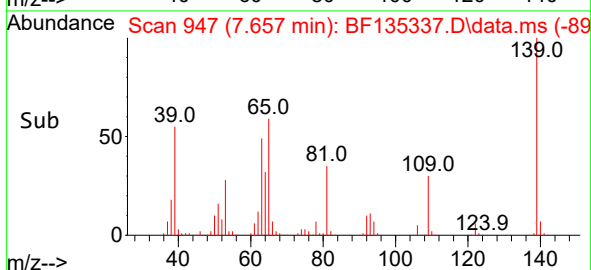
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

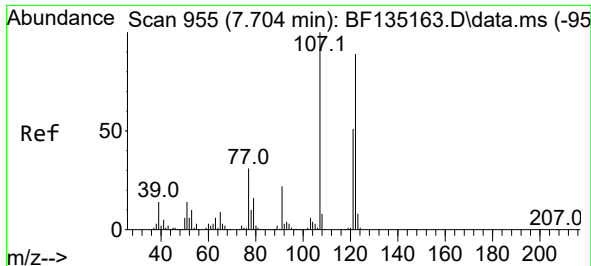


#26
2-Nitrophenol
Concen: 51.643 ng
RT: 7.657 min Scan# 947
Delta R.T. -0.006 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17



Tgt Ion:139 Resp: 222012
Ion Ratio Lower Upper
139 100
109 30.4 22.6 33.8
65 59.2 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 45.543 ng

RT: 7.698 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135337.D

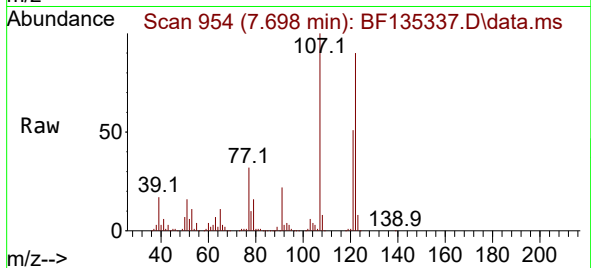
Acq: 19 Sep 2023 16:17

Instrument :

BNA_F

ClientSampleId :

PB155558BS



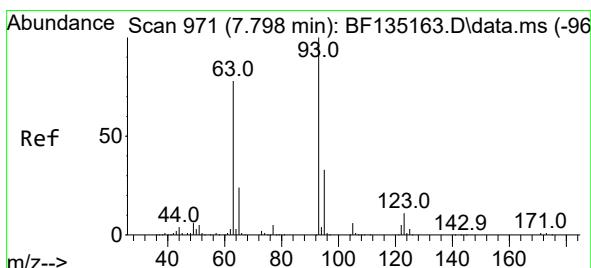
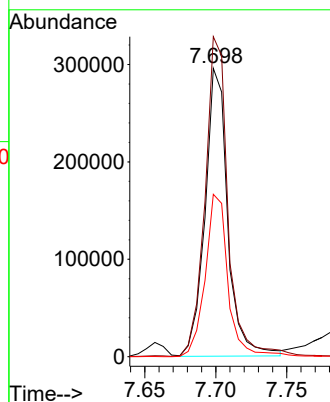
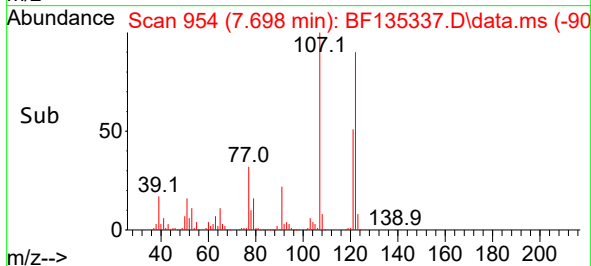
Tgt Ion:	122	Resp:	32909
Ion Ratio	Lower	Upper	
122	100		
107	111.0	90.2	135.4
121	56.3	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#28

bis(2-Chloroethoxy)methane

Concen: 49.314 ng

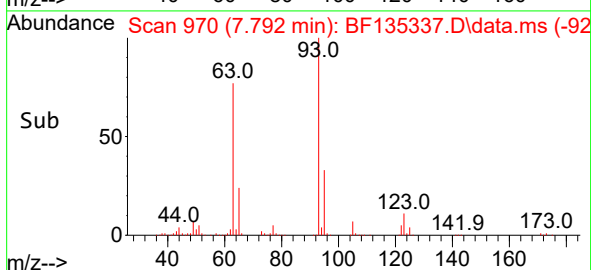
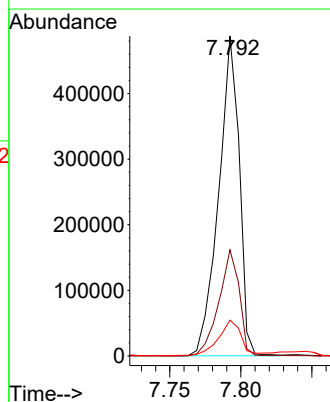
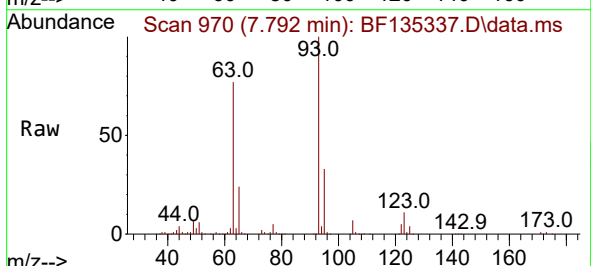
RT: 7.792 min Scan# 970

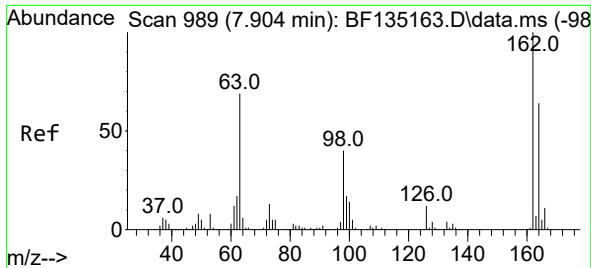
Delta R.T. -0.006 min

Lab File: BF135337.D

Acq: 19 Sep 2023 16:17

Tgt Ion:	93	Resp:	491172
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.2	39.2
123	11.2	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 49.218 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF135337.D

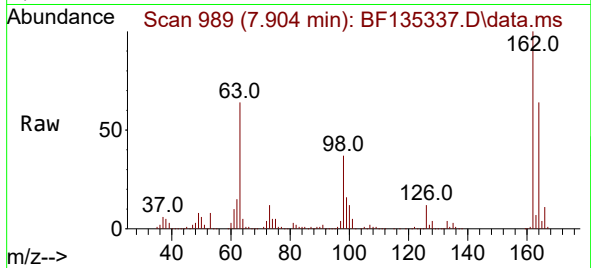
Acq: 19 Sep 2023 16:17

Instrument :

BNA_F

ClientSampleId :

PB155558BS



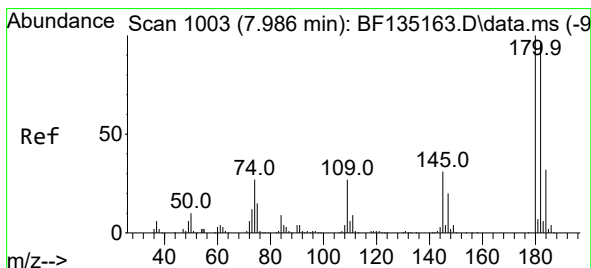
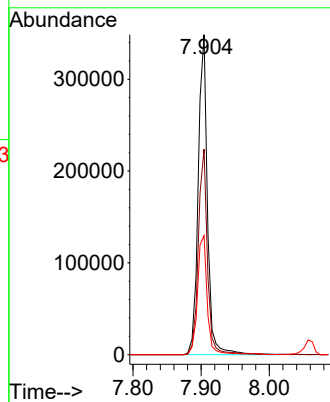
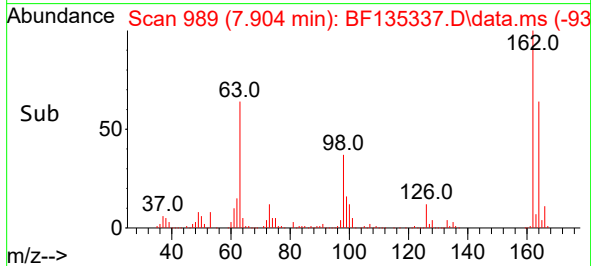
Tgt Ion:	162	Resp:	32955
Ion Ratio	Lower	Upper	
162	100		
164	64.2	44.1	84.1
98	37.2	20.3	60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#30

1,2,4-Trichlorobenzene

Concen: 48.799 ng

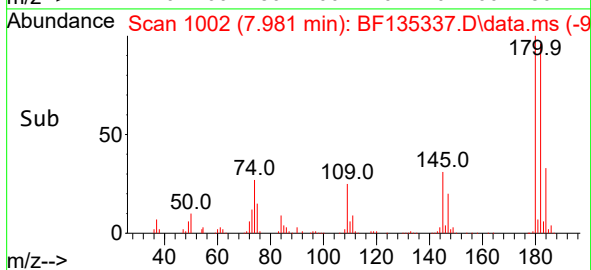
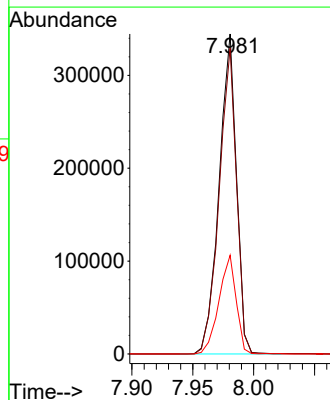
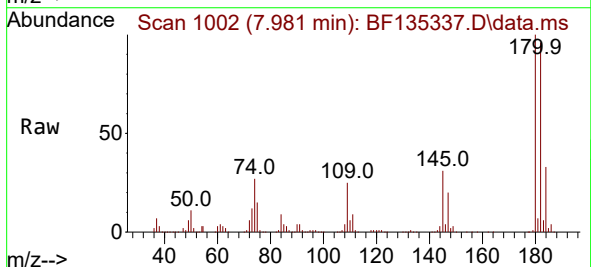
RT: 7.981 min Scan# 1002

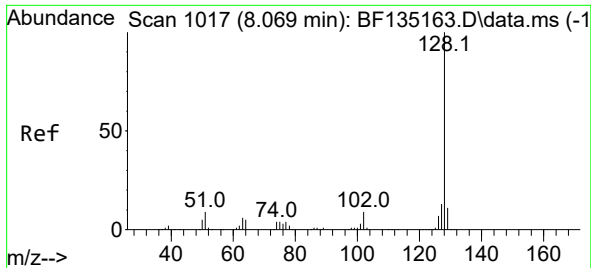
Delta R.T. -0.006 min

Lab File: BF135337.D

Acq: 19 Sep 2023 16:17

Tgt Ion:	180	Resp:	341525
Ion Ratio	Lower	Upper	
180	100		
182	95.6	76.9	115.3
145	30.9	24.5	36.7





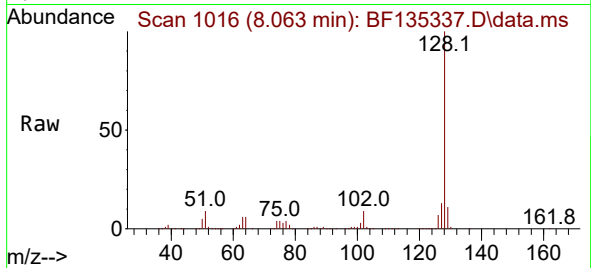
#31
Naphthalene
Concen: 47.380 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

Instrument :

BNA_F

ClientSampleId :

PB155558BS

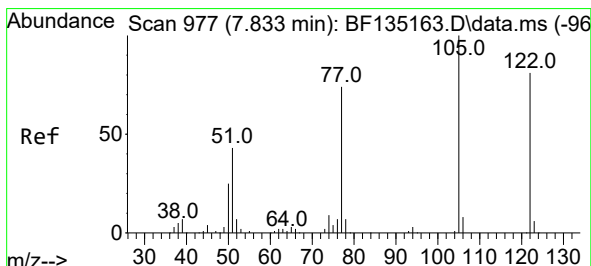
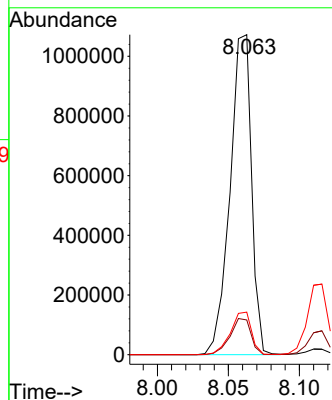
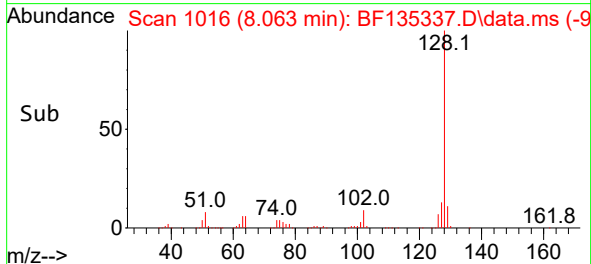


Tgt Ion:128 Resp: 113342
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.3 10.7 16.1

Manual Integrations

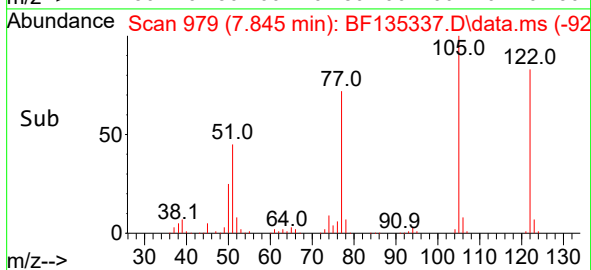
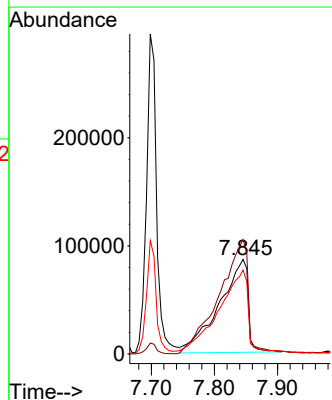
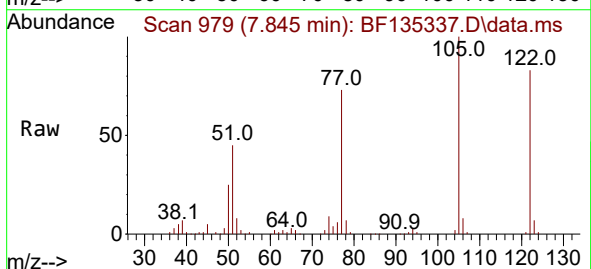
APPROVED

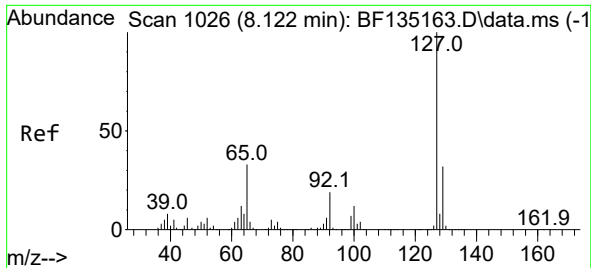
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#32
Benzoic acid
Concen: 50.192 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.012 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

Tgt Ion:122 Resp: 273109
Ion Ratio Lower Upper
122 100
105 120.9 99.9 139.9
77 88.6 70.0 110.0





#33
4-Chloroaniline
Concen: 25.529 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

Instrument :

BNA_F

ClientSampleId :

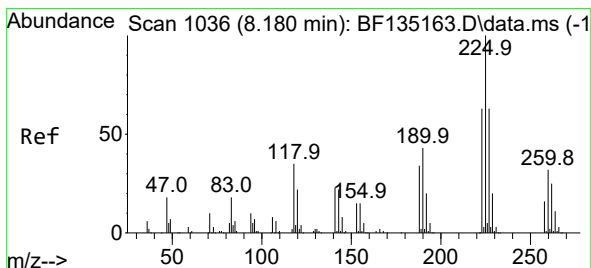
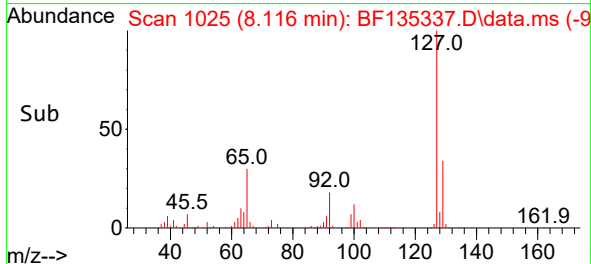
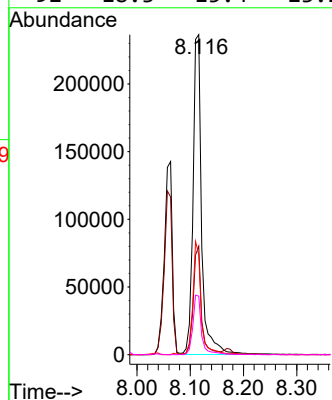
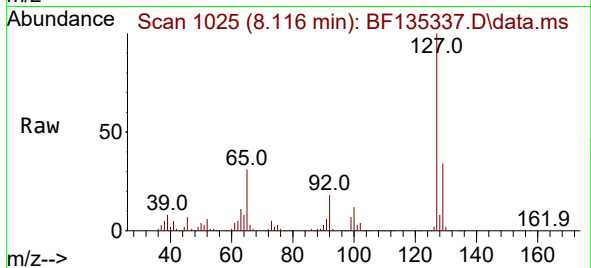
PB155558BS

Tgt Ion:127 Resp: 267939
Ion Ratio Lower Upper
127 100
129 33.9 25.8 38.8
65 31.3 26.6 39.8
92 18.3 15.4 23.2

Manual Integrations

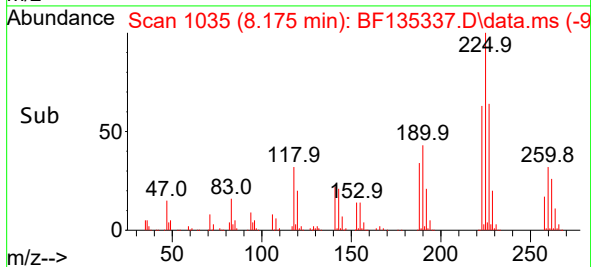
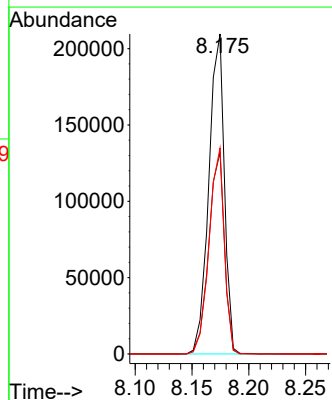
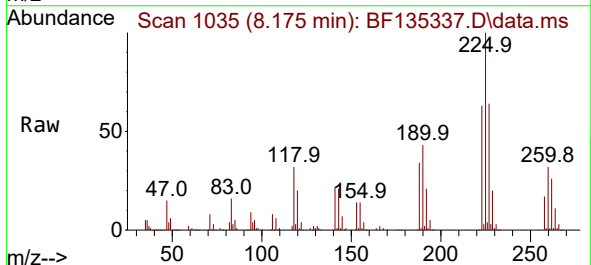
APPROVED

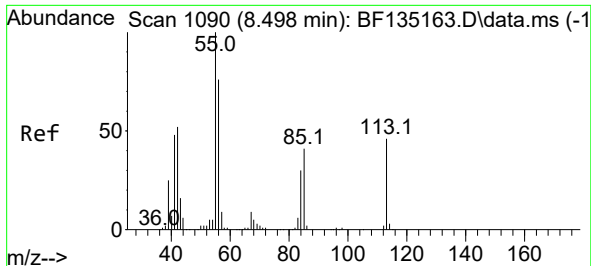
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#34
Hexachlorobutadiene
Concen: 47.201 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

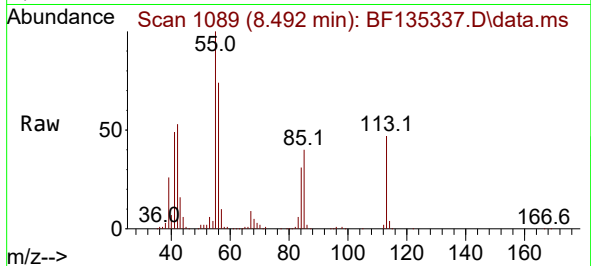
Tgt Ion:225 Resp: 199191
Ion Ratio Lower Upper
225 100
223 62.9 50.6 75.8
227 64.4 50.8 76.2





#35
Caprolactam
Concen: 55.417 ng m
RT: 8.492 min Scan# 1090
Delta R.T. -0.006 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

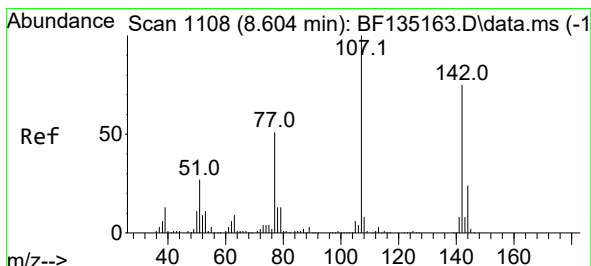
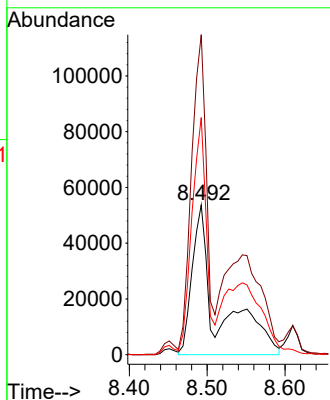
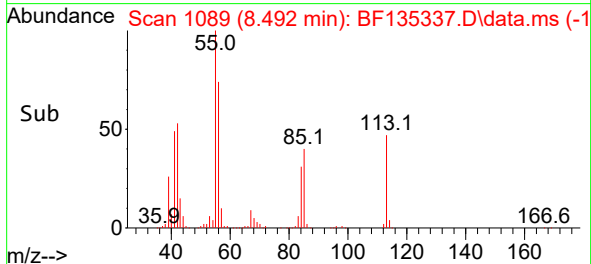
Instrument :
BNA_F
ClientSampleId :
PB155558BS



Tgt Ion:113 Resp: 12453
Ion Ratio Lower Upper
113 100
55 213.7 199.3 239.3
56 158.4 146.3 186.3

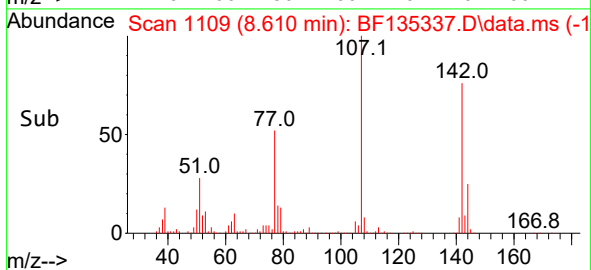
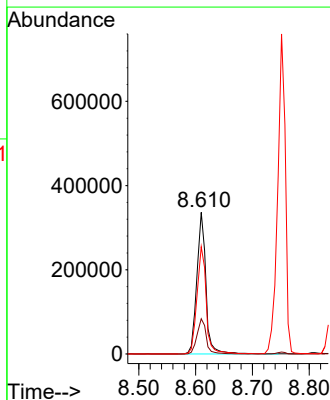
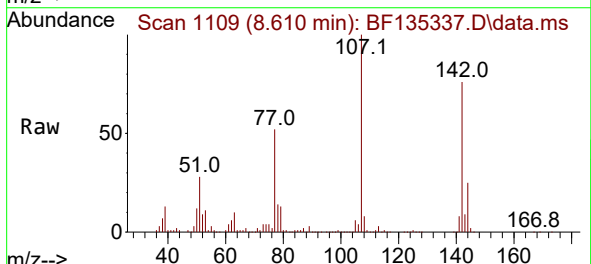
Manual Integrations
APPROVED

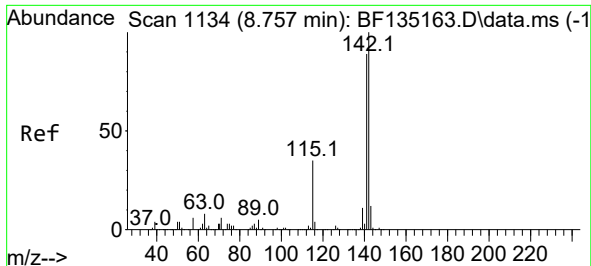
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#36
4-Chloro-3-methylphenol
Concen: 50.581 ng
RT: 8.610 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

Tgt Ion:107 Resp: 376413
Ion Ratio Lower Upper
107 100
144 24.8 19.0 28.4
142 75.7 60.2 90.2





#37
2-Methylnaphthalene
Concen: 44.777 ng
RT: 8.751 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

Instrument :

BNA_F

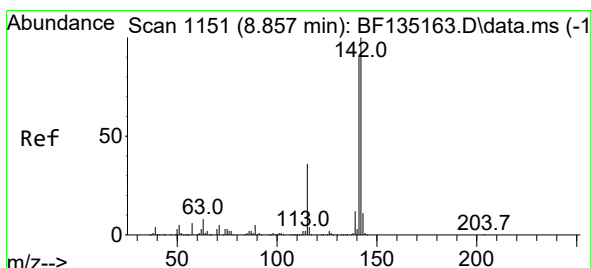
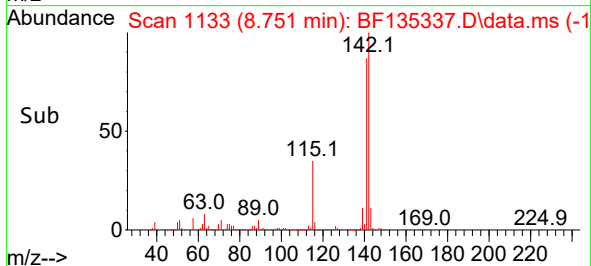
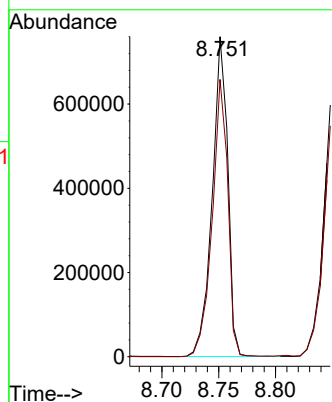
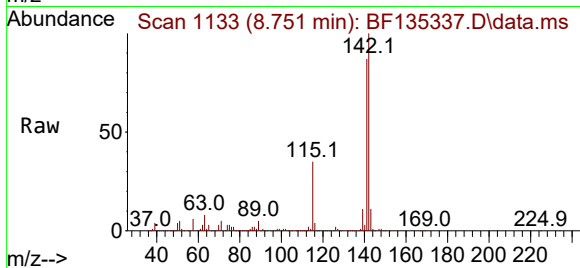
ClientSampleId :

PB155558BS

Tgt Ion:142 Resp: 720029
Ion Ratio Lower Upper
142 100
141 86.7 71.0 106.6

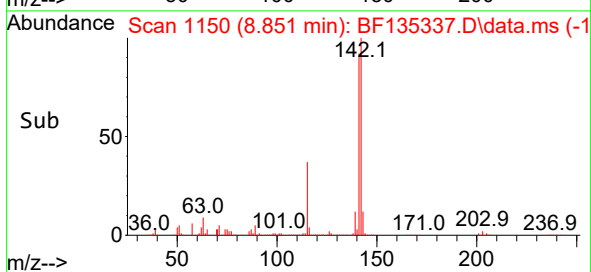
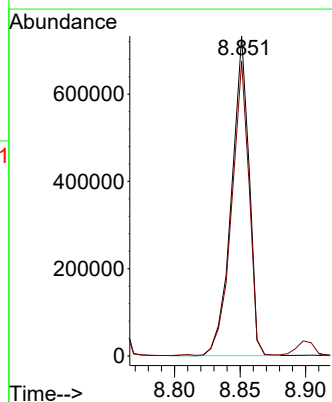
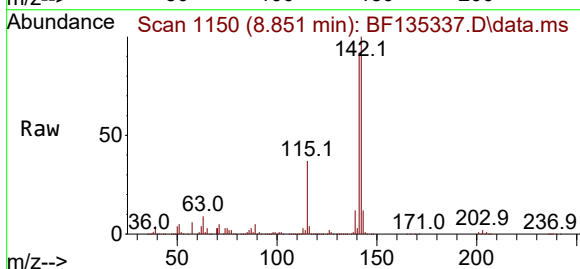
Manual Integrations
APPROVED

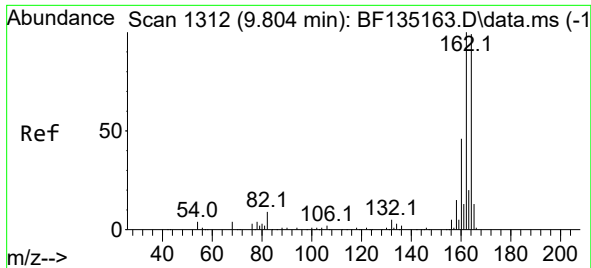
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#38
1-Methylnaphthalene
Concen: 45.136 ng
RT: 8.851 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

Tgt Ion:142 Resp: 679517
Ion Ratio Lower Upper
142 100
141 92.0 72.4 108.6





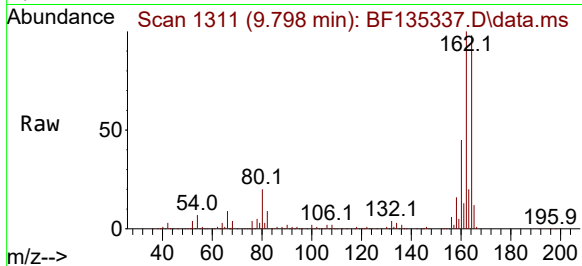
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

Instrument :

BNA_F

ClientSampleId :

PB155558BS

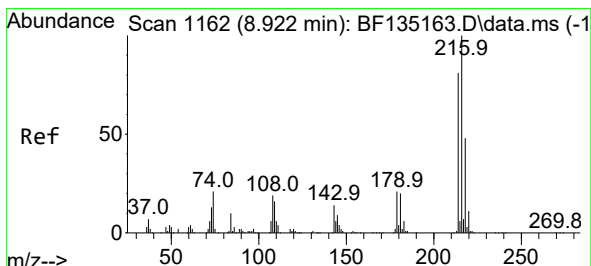
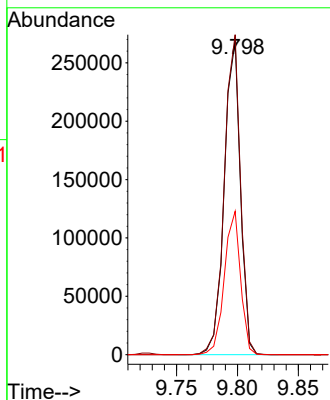
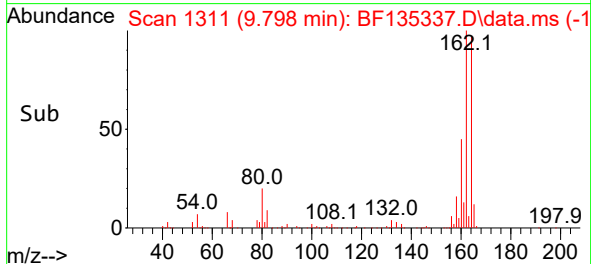


Tgt Ion:164 Resp: 247714
Ion Ratio Lower Upper
164 100
162 101.9 81.0 121.4
160 45.6 37.0 55.4

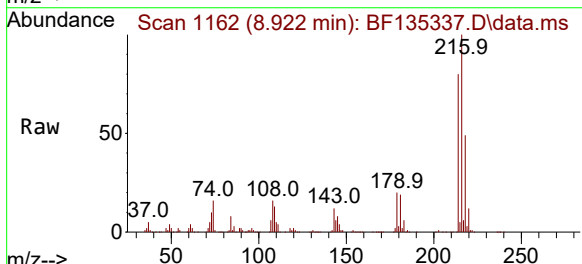
Manual Integrations

APPROVED

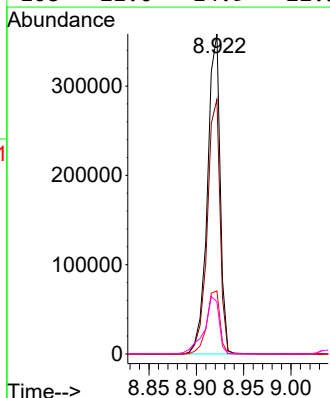
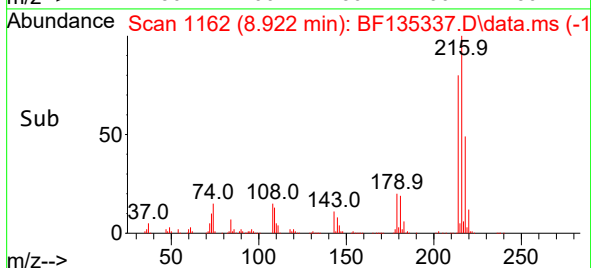
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

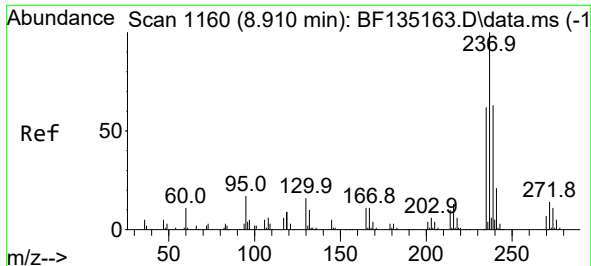


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.351 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17



Tgt Ion:216 Resp: 332641
Ion Ratio Lower Upper
216 100
214 80.3 63.7 95.5
179 20.4 16.7 25.1
108 21.0 14.9 22.3





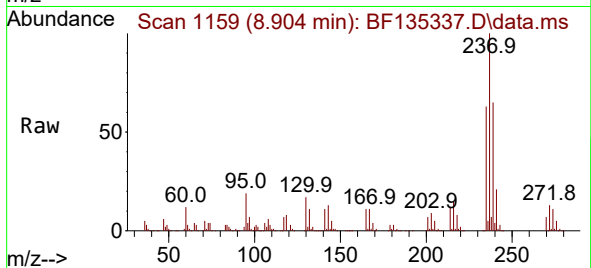
#41
Hexachlorocyclopentadiene
Concen: 81.439 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

Instrument :

BNA_F

ClientSampleId :

PB155558BS

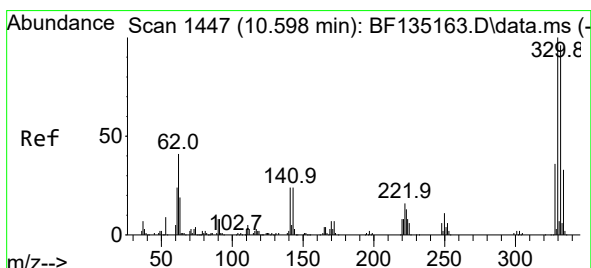
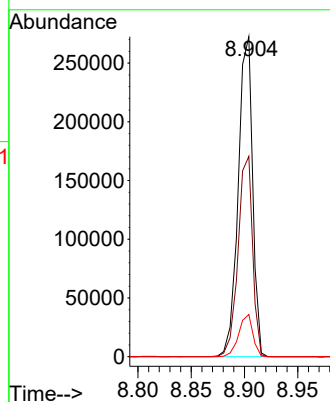
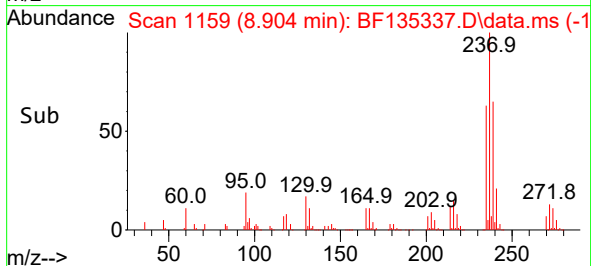


Tgt Ion: 237 Resp: 25798
Ion Ratio Lower Upper
237 100
235 62.6 41.8 81.8
272 13.2 0.0 33.6

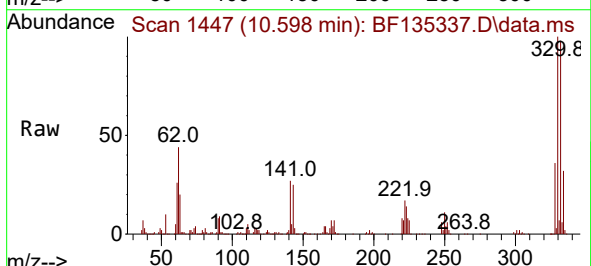
Manual Integrations

APPROVED

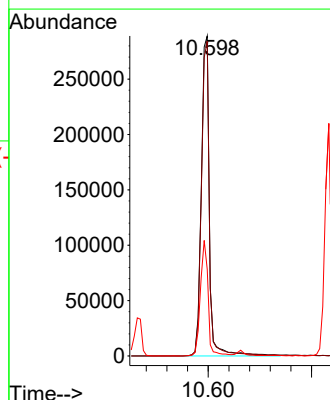
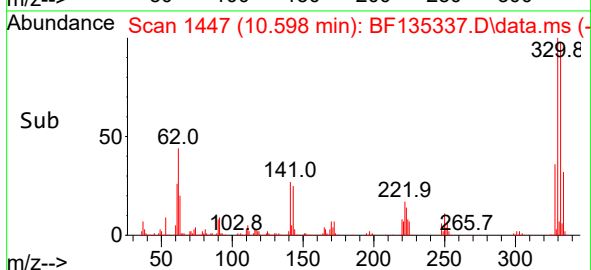
Reviewed By : Yogesh Patel 09/20/2023
Supervised By : mohammad ahmed 09/20/2023

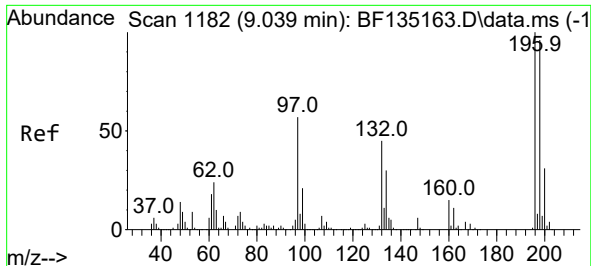


#42
2,4,6-Tribromophenol
Concen: 126.797 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17



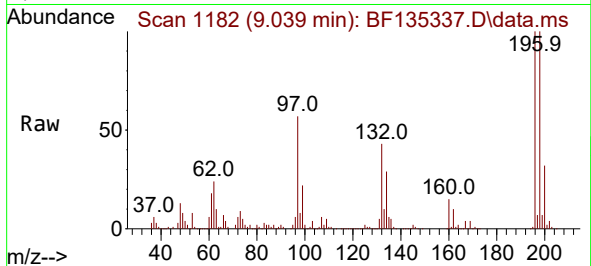
Tgt Ion: 330 Resp: 312134
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 34.5 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 47.918 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

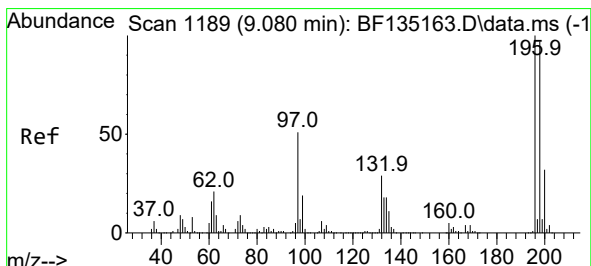
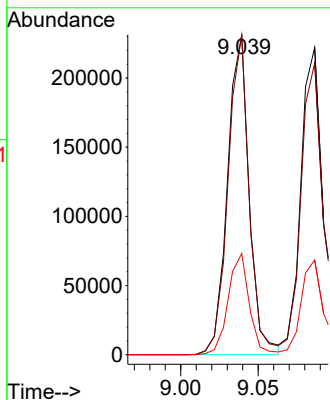
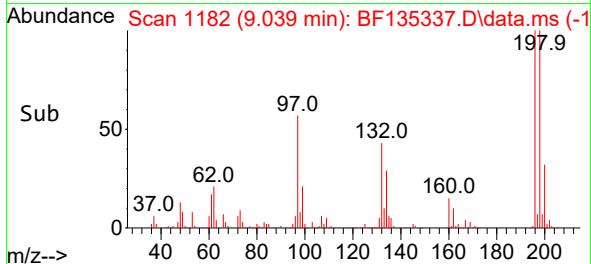
Instrument :
BNA_F
ClientSampleId :
PB155558BS



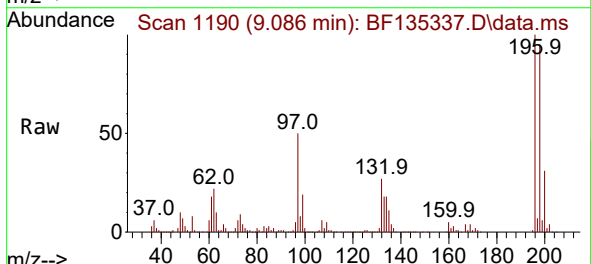
Tgt Ion:196 Resp: 225154
Ion Ratio Lower Upper
196 100
198 100.2 77.0 115.6
200 31.6 24.5 36.7

Manual Integrations
APPROVED

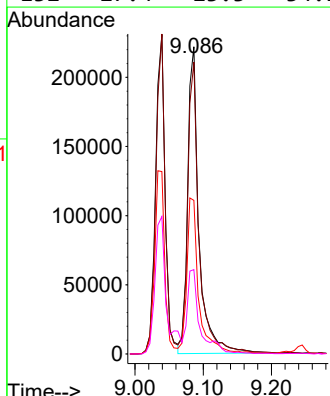
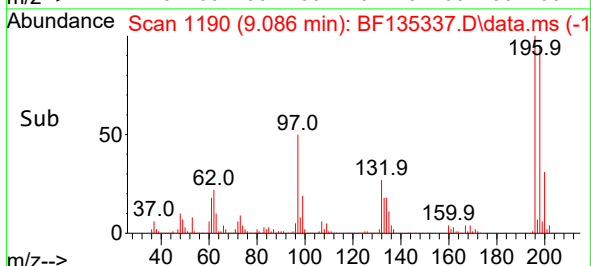
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

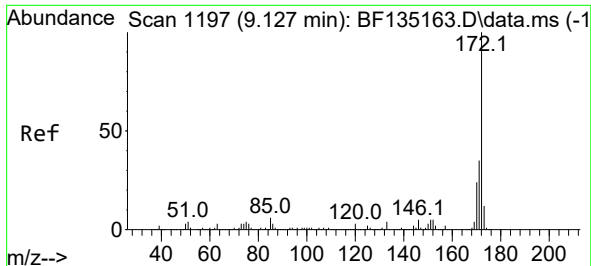


#44
2,4,5-Trichlorophenol
Concen: 47.049 ng
RT: 9.086 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17



Tgt Ion:196 Resp: 254586
Ion Ratio Lower Upper
196 100
198 95.0 77.5 116.3
97 50.0 40.5 60.7
132 27.4 23.3 34.9





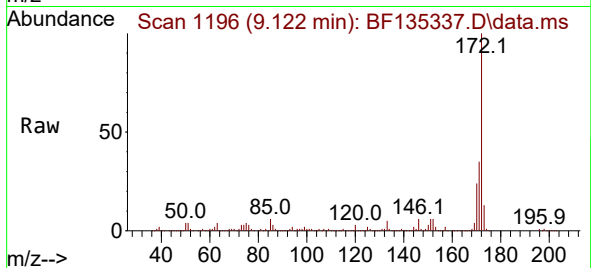
#45
2-Fluorobiphenyl
Concen: 85.288 ng
RT: 9.122 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

Instrument :

BNA_F

ClientSampleId :

PB155558BS



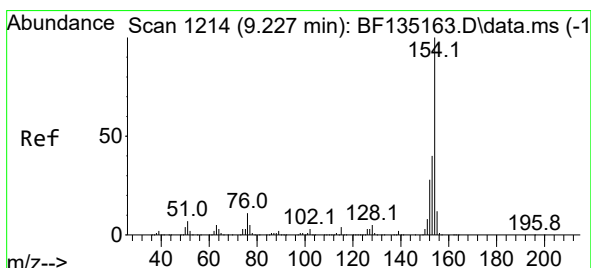
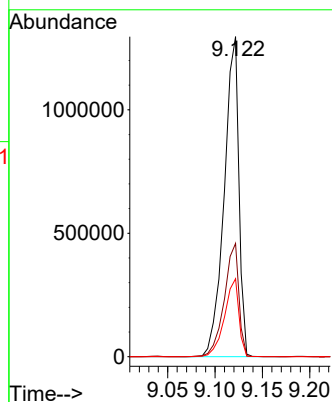
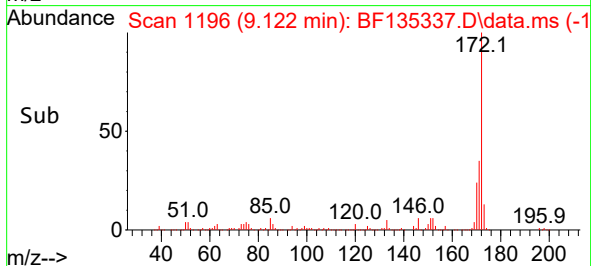
Tgt Ion:172 Resp: 1400328
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 24.4 19.0 28.4

Manual Integrations

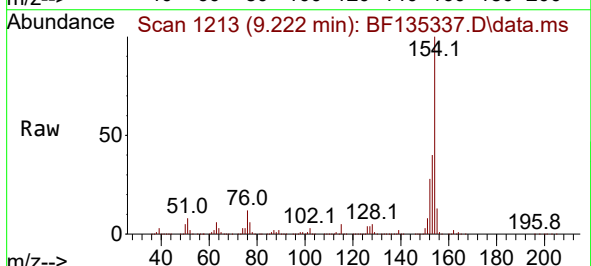
APPROVED

Reviewed By :Yogesh Patel 09/20/2023

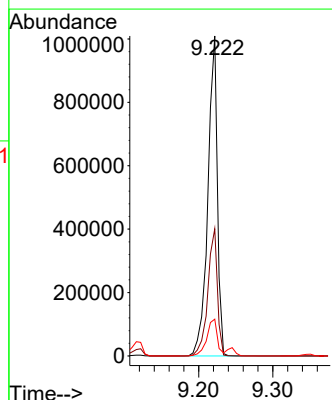
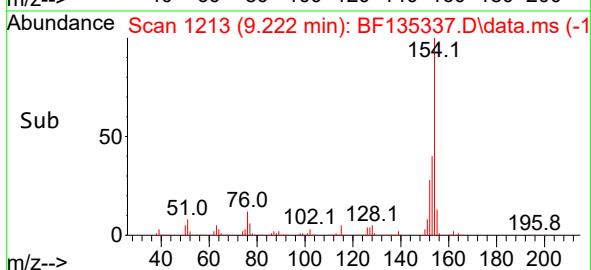
Supervised By :mohammad ahmed 09/20/2023

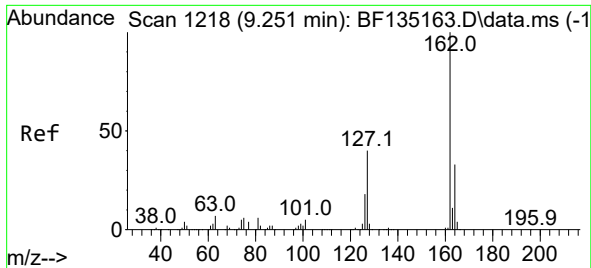


#46
1,1'-Biphenyl
Concen: 47.340 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17



Tgt Ion:154 Resp: 901190
Ion Ratio Lower Upper
154 100
153 39.7 19.6 59.6
76 11.5 0.0 31.0





#47

2-Chloronaphthalene

Concen: 48.763 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF135337.D

Acq: 19 Sep 2023 16:17

Instrument :

BNA_F

ClientSampleId :

PB155558BS

Tgt Ion: 162 Resp: 673518

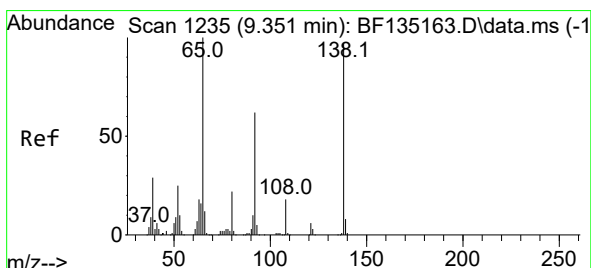
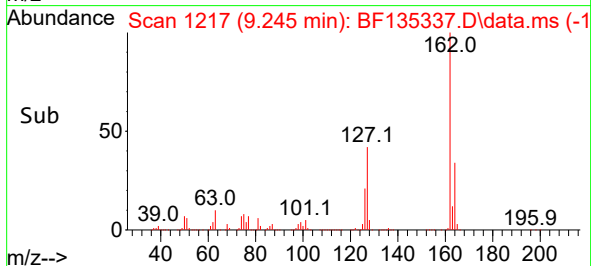
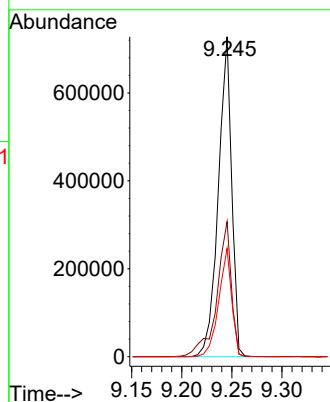
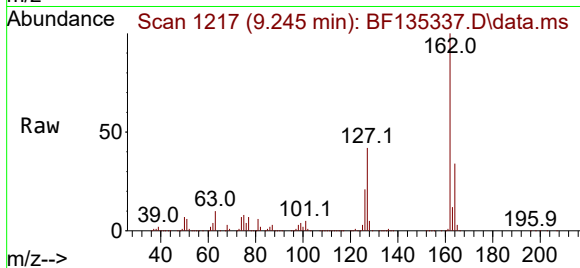
Ion	Ratio	Lower	Upper
162	100		
127	42.2	32.6	48.8
164	33.8	26.2	39.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#48

2-Nitroaniline

Concen: 51.894 ng

RT: 9.345 min Scan# 1234

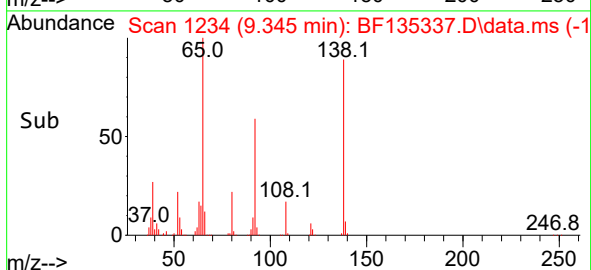
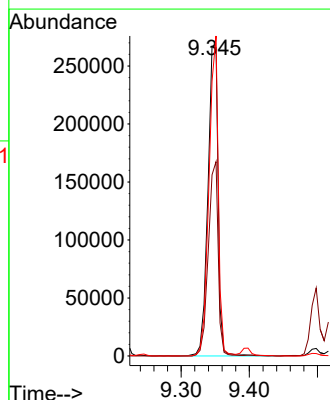
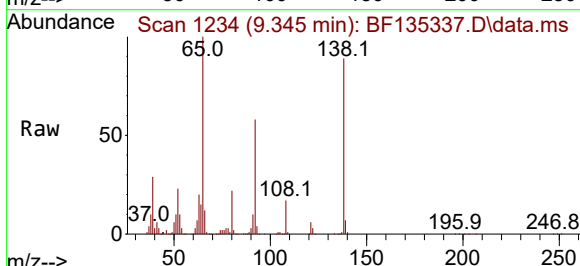
Delta R.T. -0.006 min

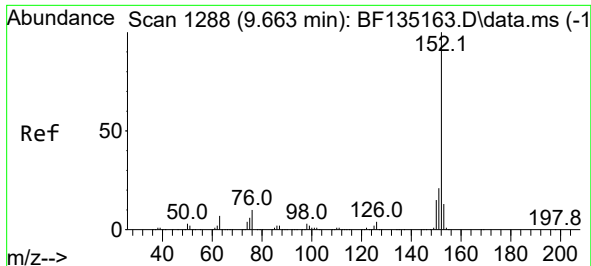
Lab File: BF135337.D

Acq: 19 Sep 2023 16:17

Tgt Ion: 65 Resp: 278457

Ion	Ratio	Lower	Upper
65	100		
92	58.5	49.4	74.0
138	88.7	77.4	116.0





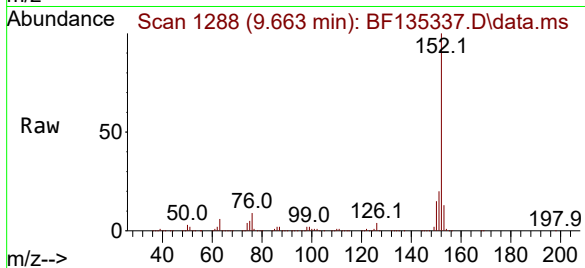
#49
Acenaphthylene
Concen: 48.429 ng
RT: 9.663 min Scan# 111166
Delta R.T. 0.000 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

Instrument :

BNA_F

ClientSampleId :

PB155558BS



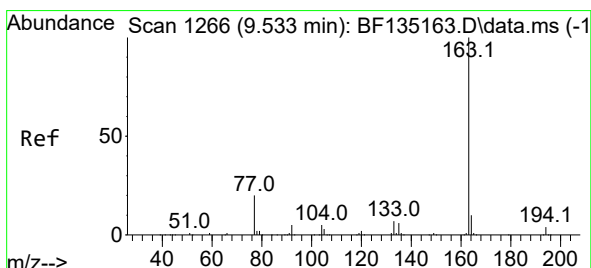
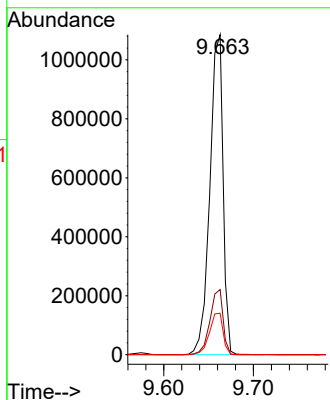
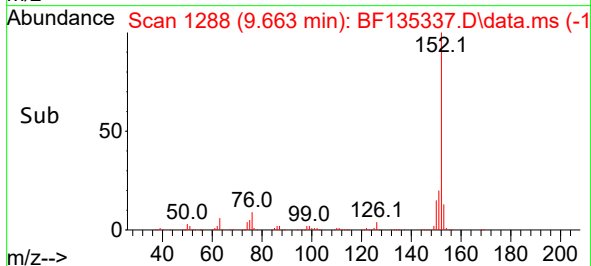
Tgt Ion:152 Resp: 111166
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.0 10.4 15.6

Manual Integrations

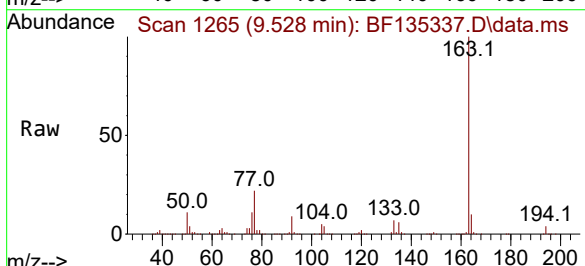
APPROVED

Reviewed By :Yogesh Patel 09/20/2023

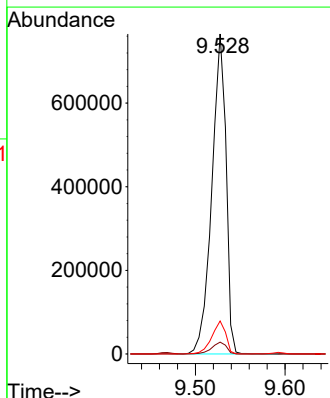
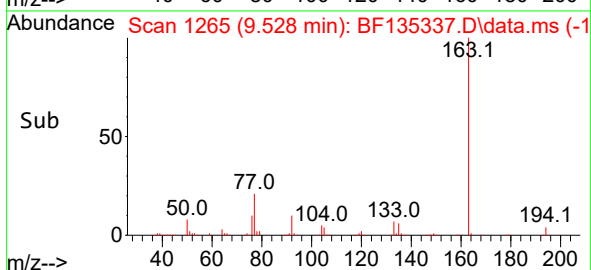
Supervised By :mohammad ahmed 09/20/2023

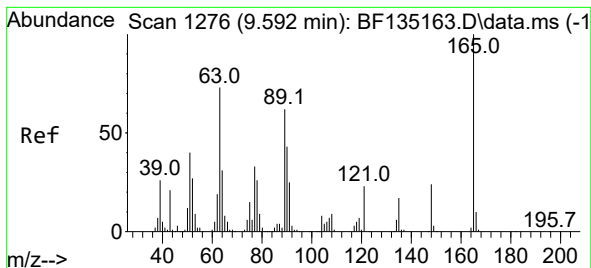


#50
Dimethylphthalate
Concen: 50.244 ng
RT: 9.528 min Scan# 1265
Delta R.T. -0.005 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17



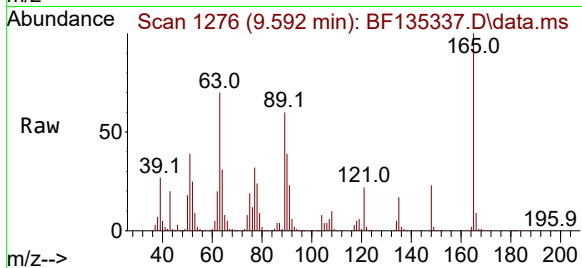
Tgt Ion:163 Resp: 841484
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 10.3 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 50.833 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

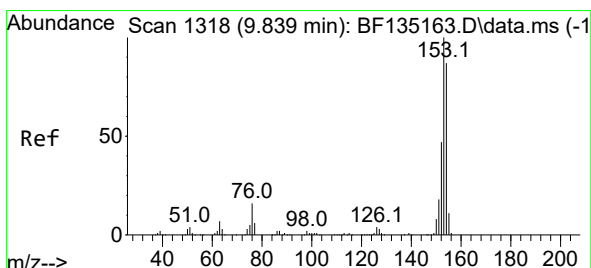
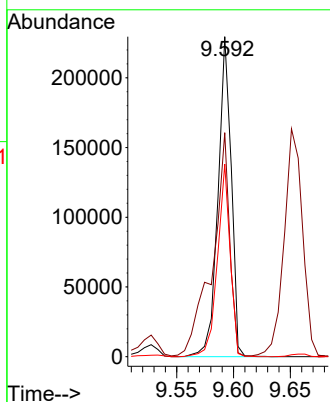
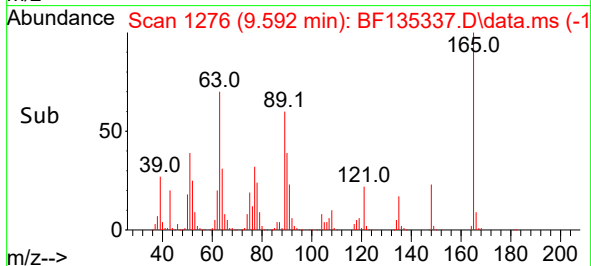
Instrument :
BNA_F
ClientSampleId :
PB155558BS



Tgt Ion:165 Resp: 186504
Ion Ratio Lower Upper
165 100
63 70.0 59.4 89.2
89 60.2 49.8 74.8

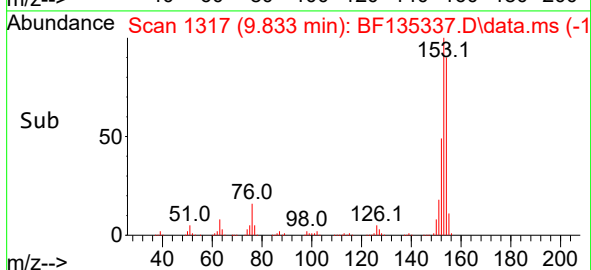
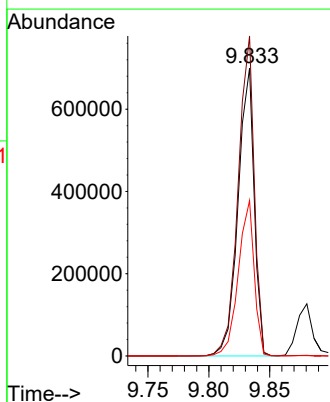
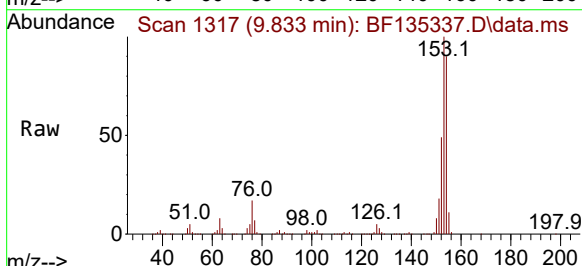
Manual Integrations
APPROVED

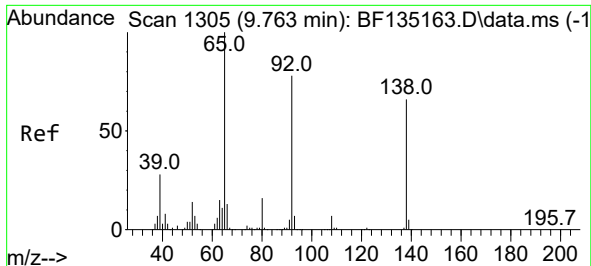
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#52
Acenaphthene
Concen: 47.626 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

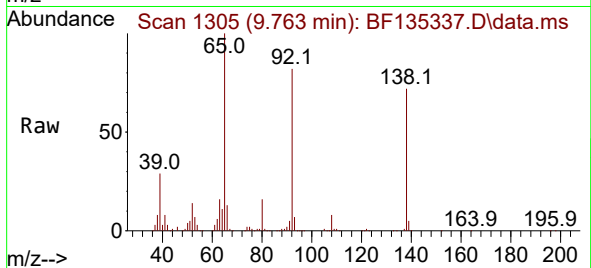
Tgt Ion:154 Resp: 645827
Ion Ratio Lower Upper
154 100
153 111.2 92.1 138.1
152 54.0 43.1 64.7





#53
3-Nitroaniline
Concen: 35.623 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

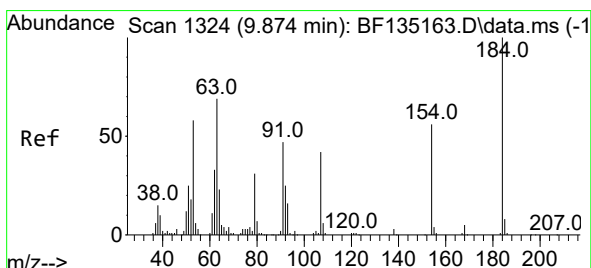
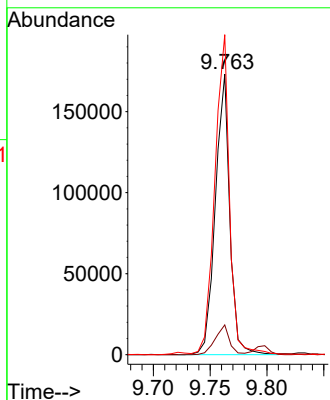
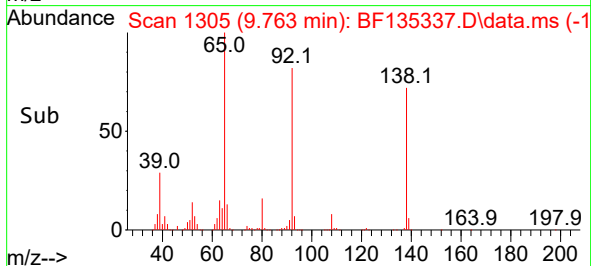
Instrument :
BNA_F
ClientSampleId :
PB155558BS



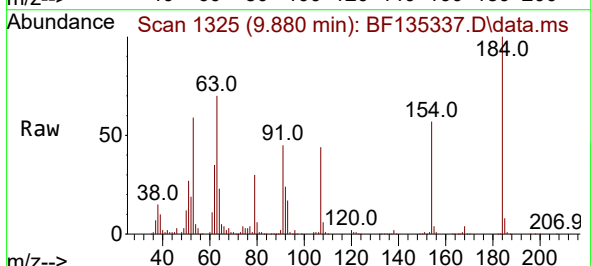
Tgt Ion:138 Resp: 15341
Ion Ratio Lower Upper
138 100
108 10.6 8.5 12.7
92 114.0 95.4 143.0

Manual Integrations
APPROVED

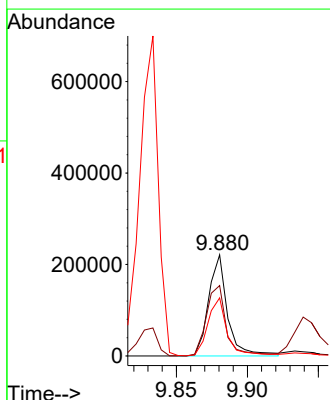
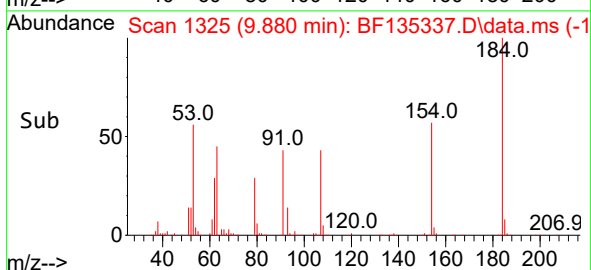
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

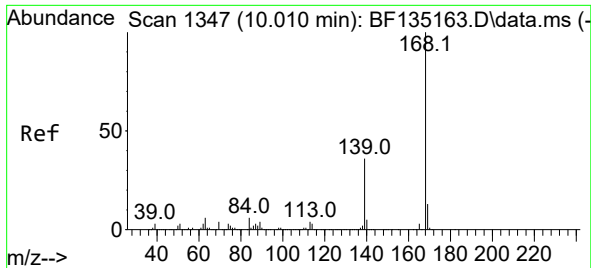


#54
2,4-Dinitrophenol
Concen: 97.050 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17



Tgt Ion:184 Resp: 205147
Ion Ratio Lower Upper
184 100
63 69.6 55.1 82.7
154 57.4 48.4 72.6





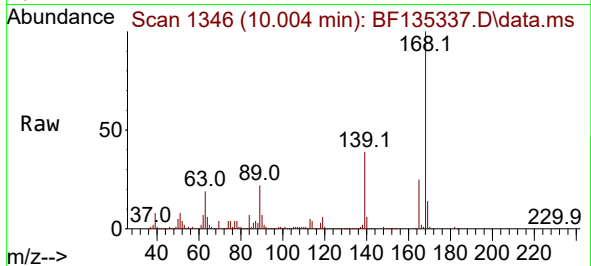
#55
Dibenzenofuran
Concen: 45.101 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

Instrument :

BNA_F

ClientSampleId :

PB155558BS

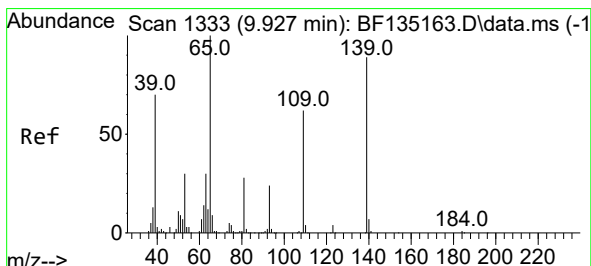
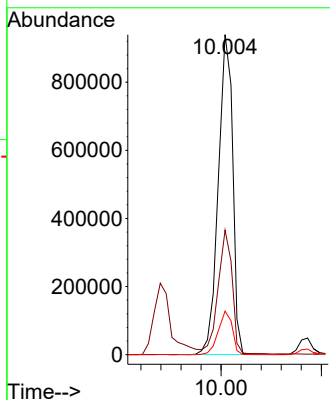
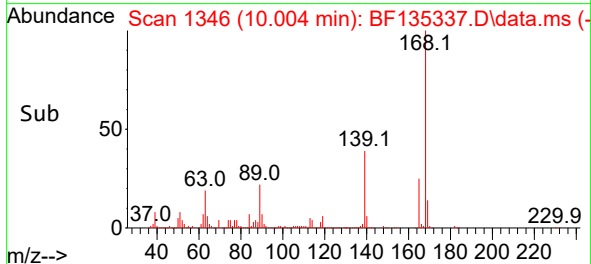


Tgt Ion:168 Resp: 933260
Ion Ratio Lower Upper
168 100
139 38.9 29.0 43.6
169 13.6 10.4 15.6

Manual Integrations

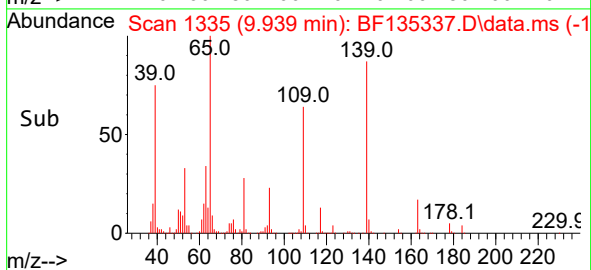
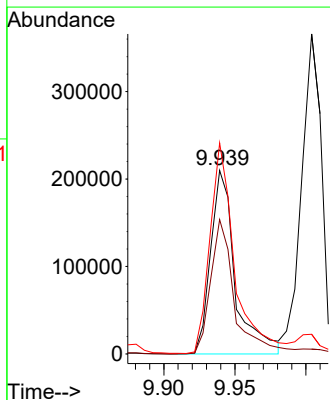
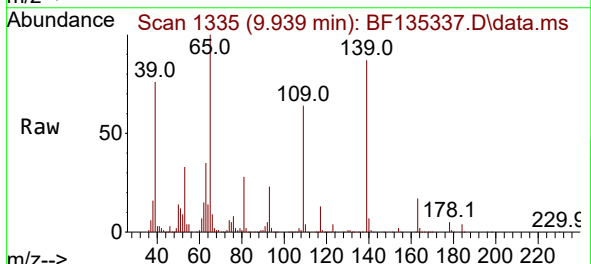
APPROVED

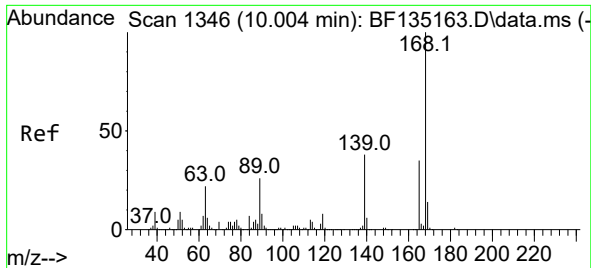
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#56
4-Nitrophenol
Concen: 92.729 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

Tgt Ion:139 Resp: 253813
Ion Ratio Lower Upper
139 100
109 73.2 49.8 89.8
65 115.0 92.7 132.7





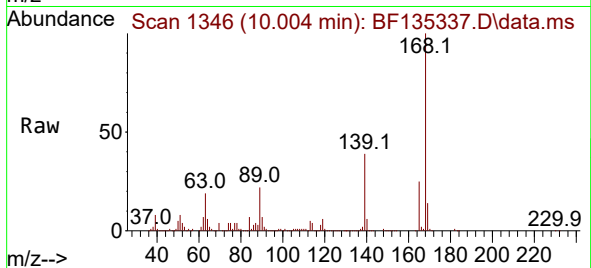
#57
2,4-Dinitrotoluene
Concen: 46.972 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

Instrument :

BNA_F

ClientSampleId :

PB155558BS

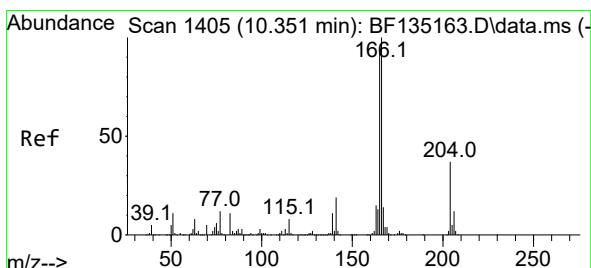
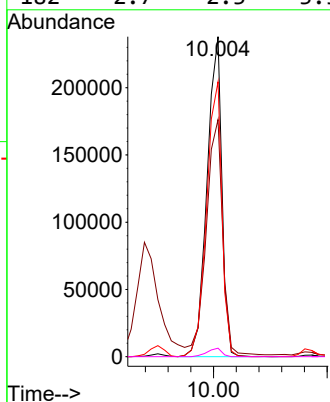
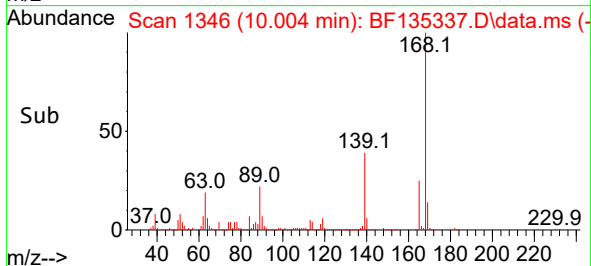


Tgt Ion:165 Resp: 215749
Ion Ratio Lower Upper
165 100
63 74.1 50.1 75.1
89 85.9 59.3 88.9
182 2.7 2.3 3.5

Manual Integrations

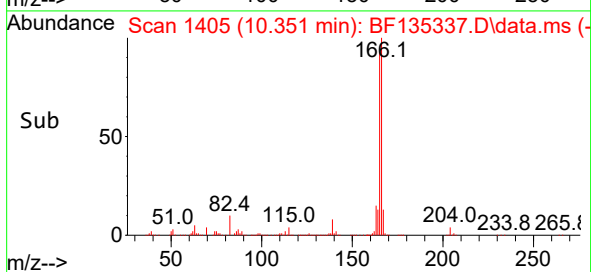
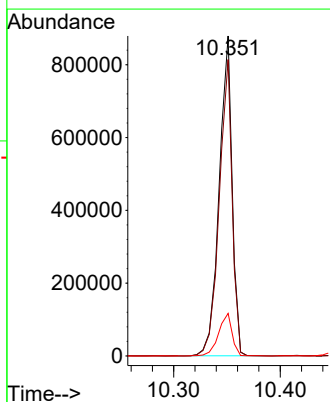
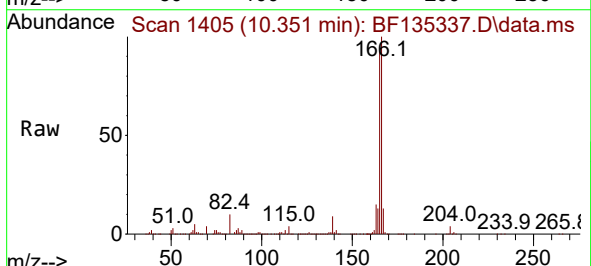
APPROVED

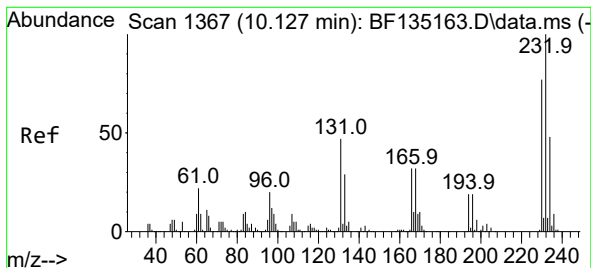
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#58
Fluorene
Concen: 46.459 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

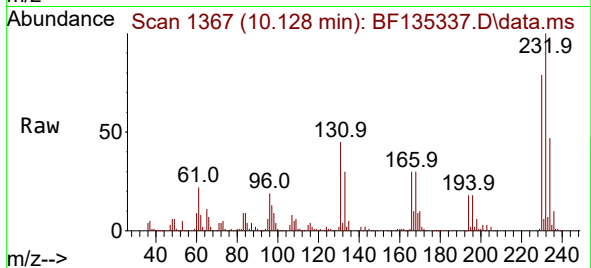
Tgt Ion:166 Resp: 739066
Ion Ratio Lower Upper
166 100
165 92.7 74.3 111.5
167 13.3 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.033 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

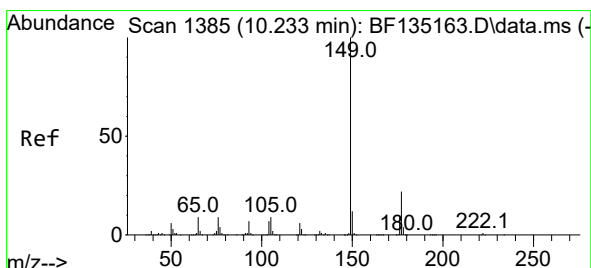
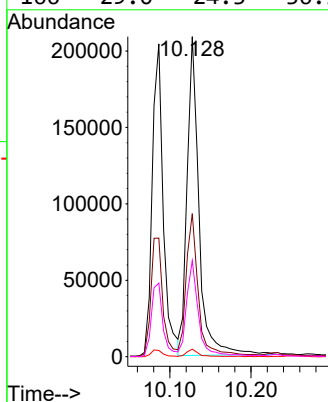
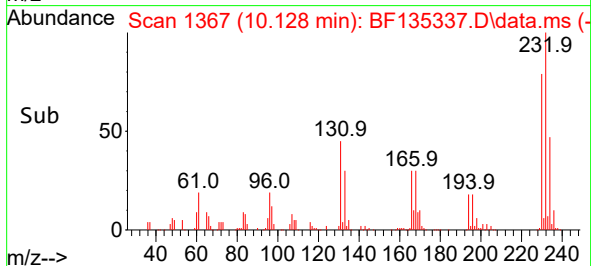
Instrument :
BNA_F
ClientSampleId :
PB155558BS



Tgt Ion:232 Resp: 21242
Ion Ratio Lower Upper
232 100
131 46.1 35.4 53.2
130 2.1 1.8 2.8
166 29.0 24.3 36.5

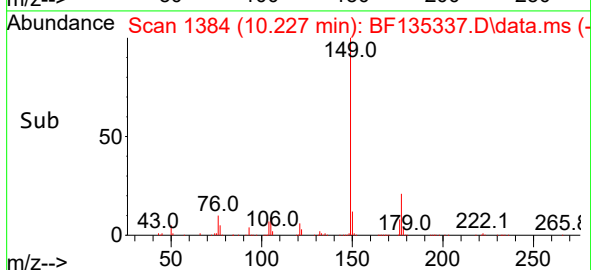
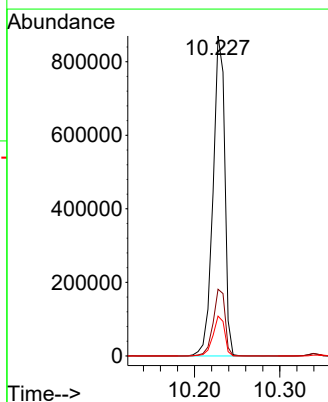
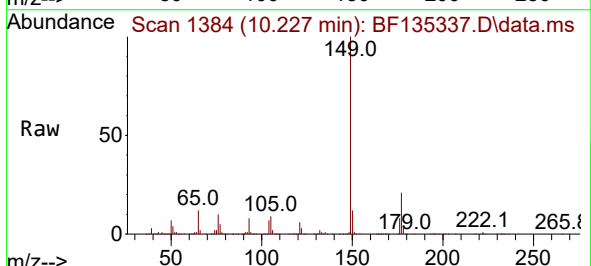
Manual Integrations
APPROVED

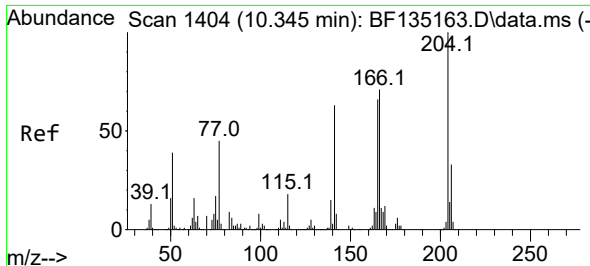
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#60
Diethylphthalate
Concen: 49.617 ng
RT: 10.227 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

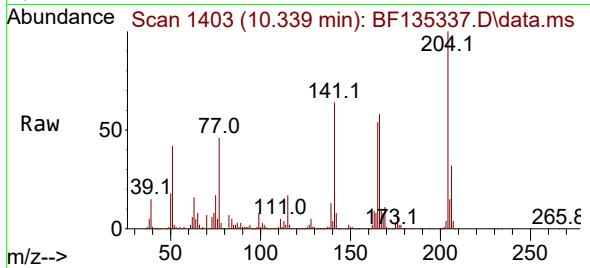
Tgt Ion:149 Resp: 833967
Ion Ratio Lower Upper
149 100
177 20.9 17.8 26.6
150 12.4 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 46.105 ng
RT: 10.339 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

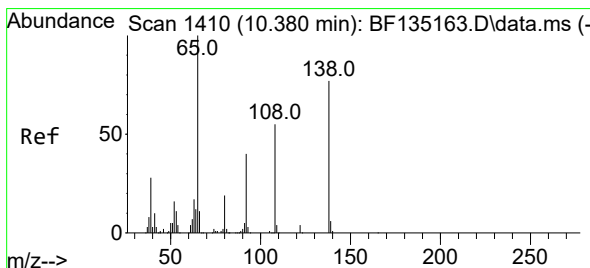
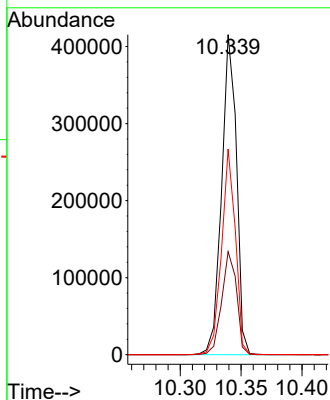
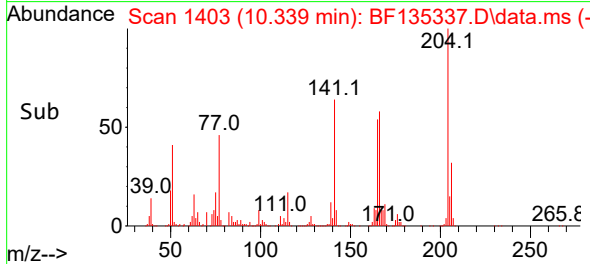
Instrument :
BNA_F
ClientSampleId :
PB155558BS



Tgt Ion:204 Resp: 352320
Ion Ratio Lower Upper
204 100
206 32.2 26.7 40.1
141 64.2 50.6 75.8

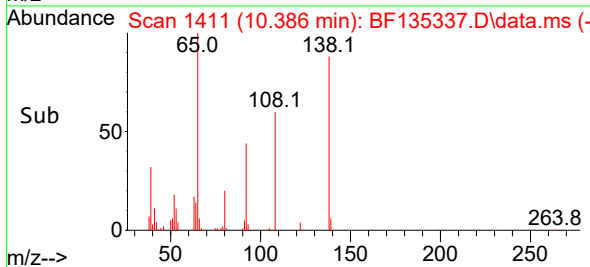
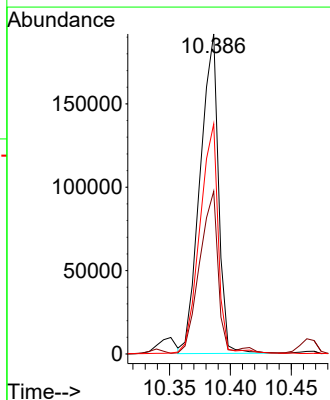
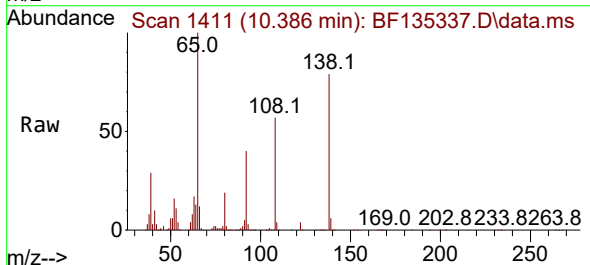
Manual Integrations
APPROVED

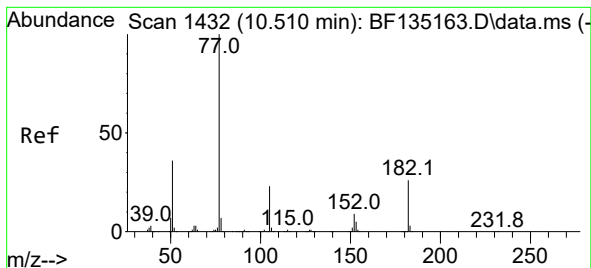
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#62
4-Nitroaniline
Concen: 48.523 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

Tgt Ion:138 Resp: 200875
Ion Ratio Lower Upper
138 100
92 50.9 31.8 71.8
108 71.9 52.0 92.0





#63

Azobenzene

Concen: 50.018 ng

RT: 10.504 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF135337.D

Acq: 19 Sep 2023 16:17

Instrument :

BNA_F

ClientSampleId :

PB155558BS

Tgt Ion: 77 Resp: 82278

Ion Ratio Lower Upper

77 100

182 24.2 6.4 46.4

105 22.7 3.1 43.1

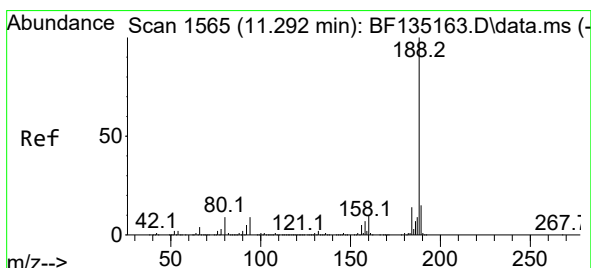
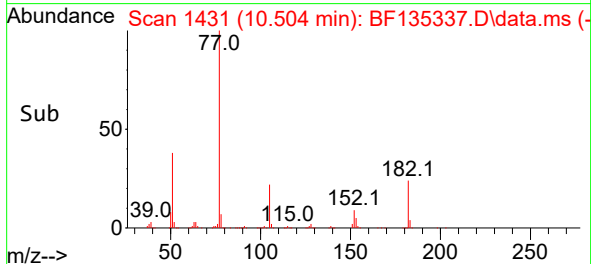
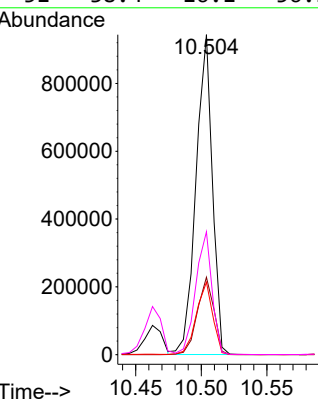
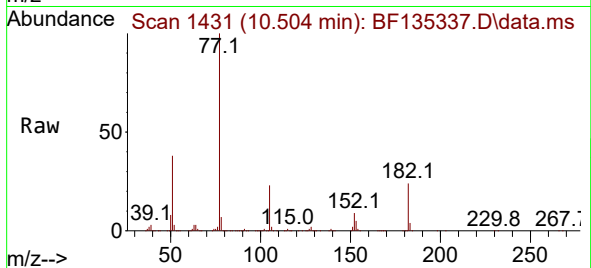
51 38.4 16.1 56.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.286 min Scan# 1564

Delta R.T. -0.006 min

Lab File: BF135337.D

Acq: 19 Sep 2023 16:17

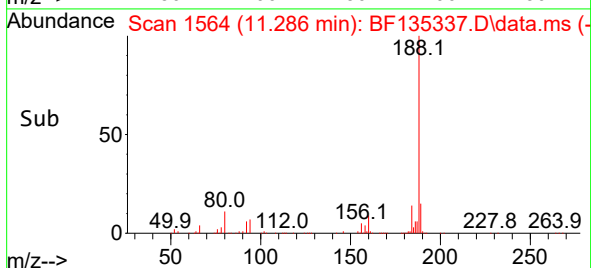
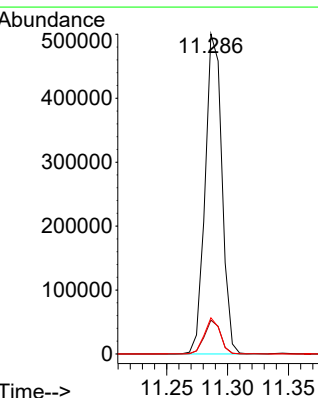
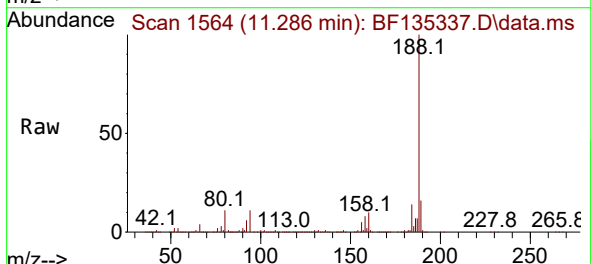
Tgt Ion:188 Resp: 480322

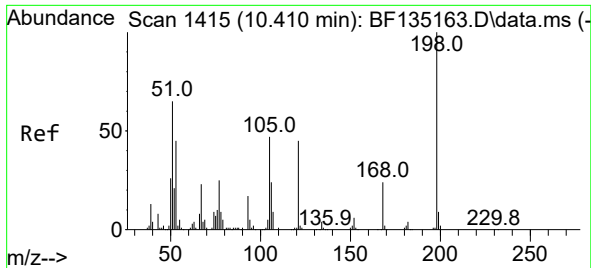
Ion Ratio Lower Upper

188 100

94 10.5 7.0 10.6

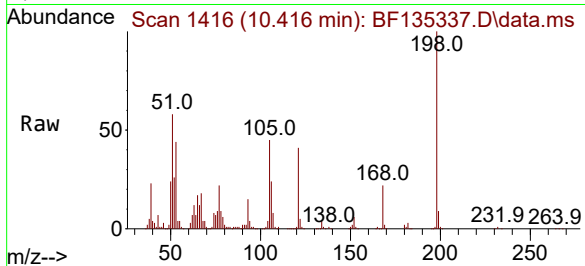
80 11.3 7.5 11.3#





#65
4,6-Dinitro-2-methylphenol
Concen: 52.304 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

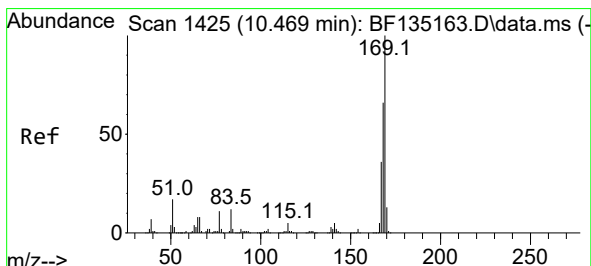
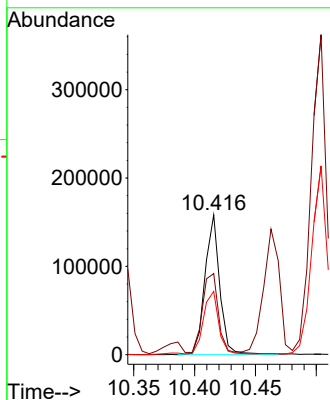
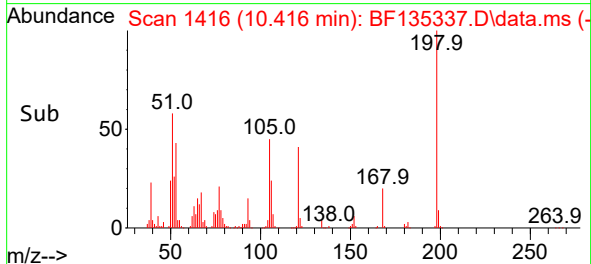
Instrument :
BNA_F
ClientSampleId :
PB155558BS



Tgt Ion:198 Resp: 133434
Ion Ratio Lower Upper
198 100
51 58.0 47.7 87.7
105 45.2 27.4 67.4

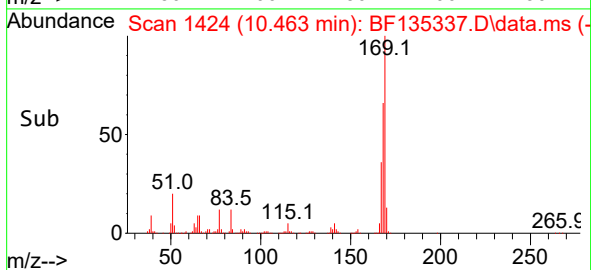
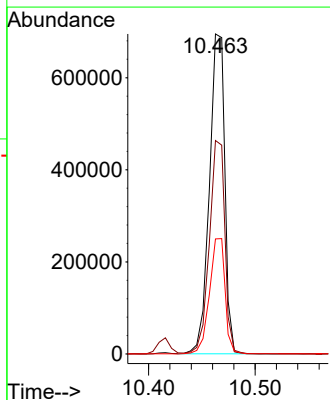
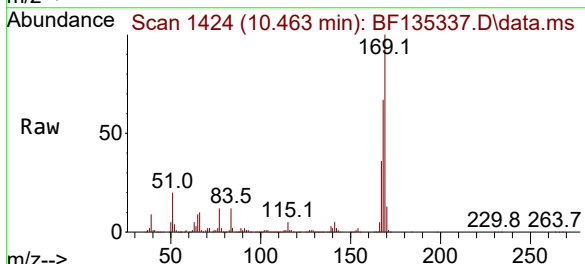
Manual Integrations
APPROVED

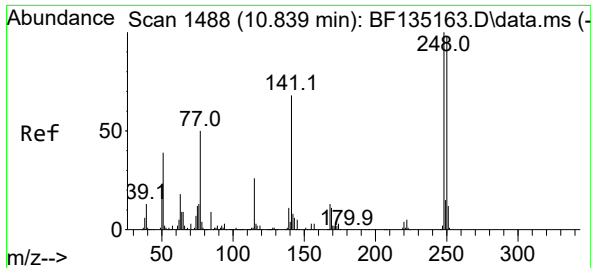
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#66
n-Nitrosodiphenylamine
Concen: 47.962 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

Tgt Ion:169 Resp: 697449
Ion Ratio Lower Upper
169 100
168 66.7 52.8 79.2
167 35.9 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 47.851 ng
RT: 10.833 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

Instrument :

BNA_F

ClientSampleId :

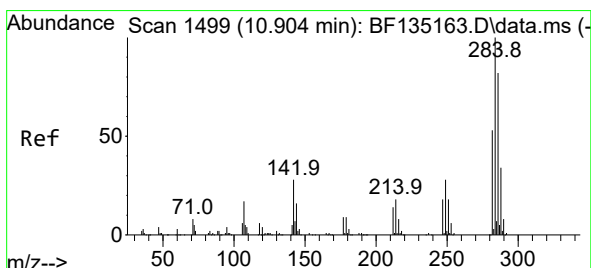
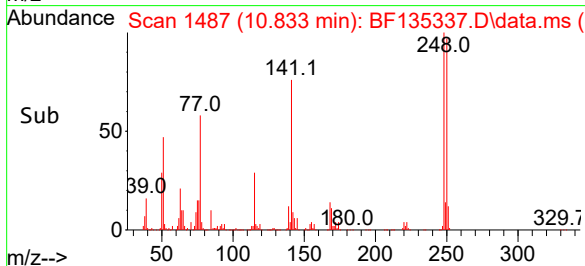
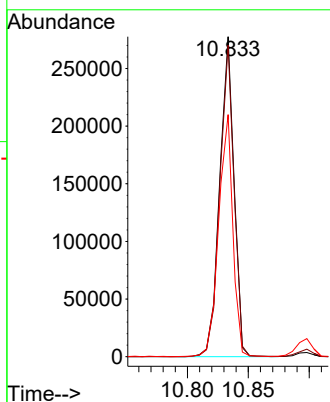
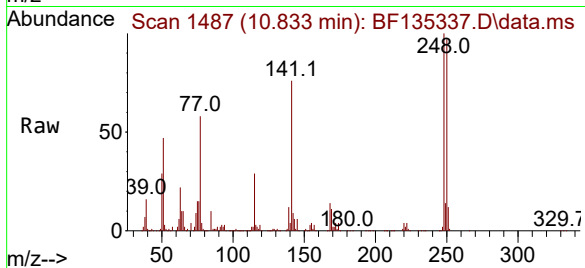
PB155558BS

Tgt Ion:248 Resp: 22859
Ion Ratio Lower Upper
248 100
250 97.4 78.6 117.8
141 75.6 54.2 81.2

Manual Integrations

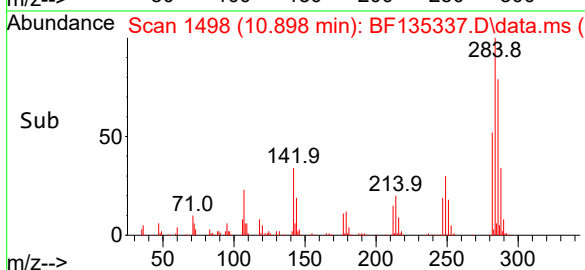
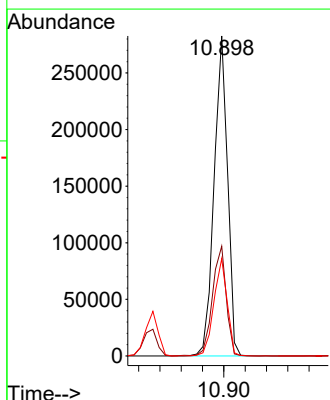
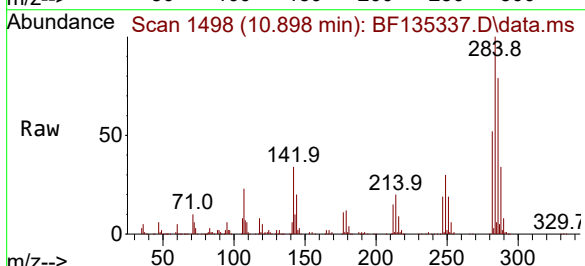
APPROVED

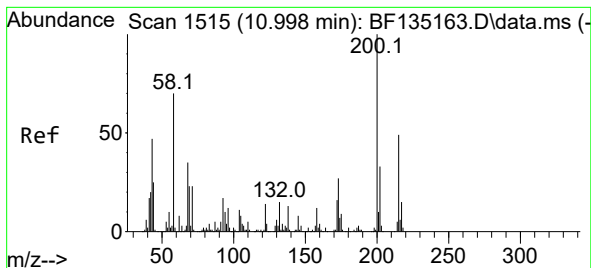
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#68
Hexachlorobenzene
Concen: 50.649 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

Tgt Ion:284 Resp: 246500
Ion Ratio Lower Upper
284 100
142 34.3 22.2 33.4#
249 30.4 22.5 33.7





#69

Atrazine

Concen: 56.827 ng

RT: 10.998 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF135337.D

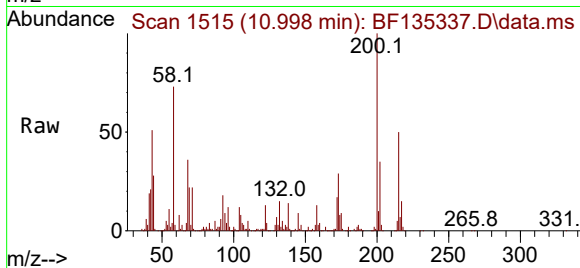
Acq: 19 Sep 2023 16:17

Instrument :

BNA_F

ClientSampleId :

PB155558BS



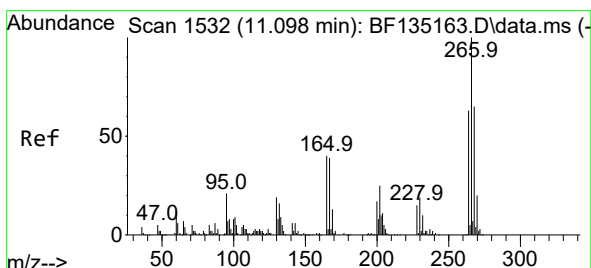
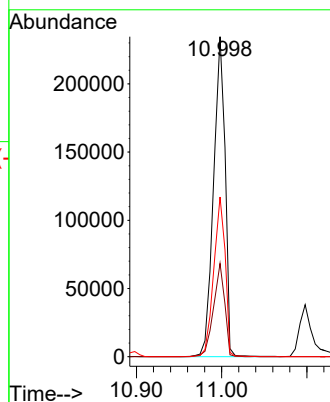
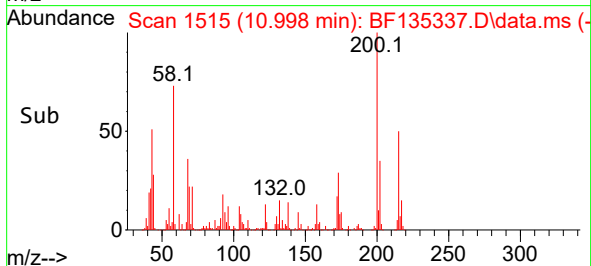
Tgt Ion:	200	Resp:	222350
Ion Ratio	Lower	Upper	
200	100		
173	29.2	7.4	47.4
215	49.9	28.6	68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#70

Pentachlorophenol

Concen: 86.688 ng

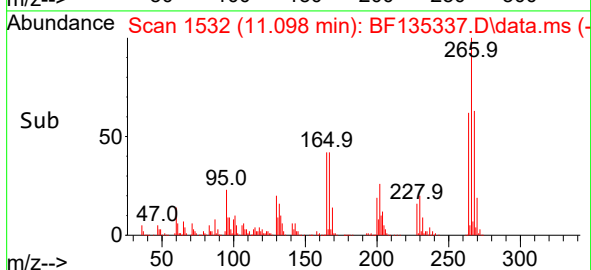
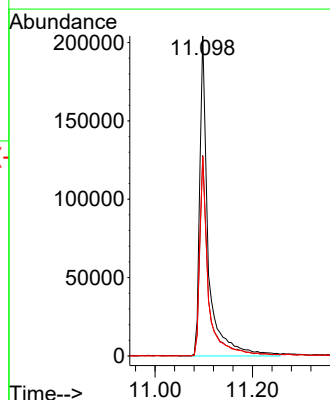
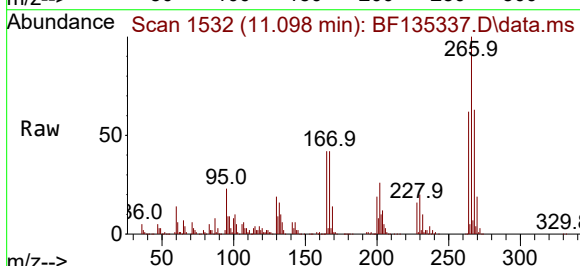
RT: 11.098 min Scan# 1532

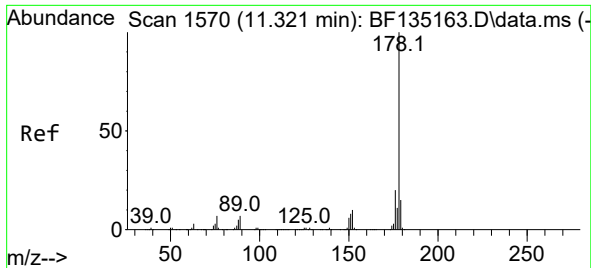
Delta R.T. 0.000 min

Lab File: BF135337.D

Acq: 19 Sep 2023 16:17

Tgt Ion:	266	Resp:	252420
Ion Ratio	Lower	Upper	
266	100		
268	62.7	52.1	78.1
264	62.1	50.8	76.2





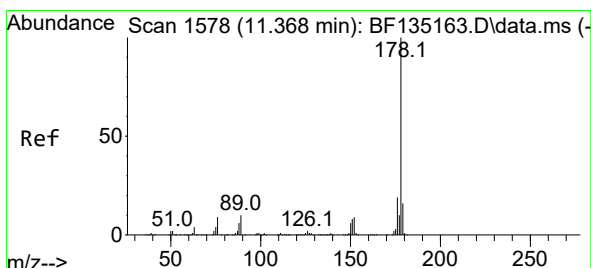
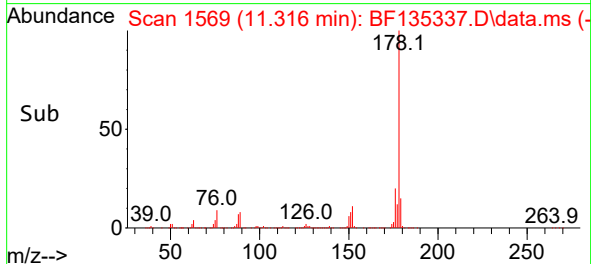
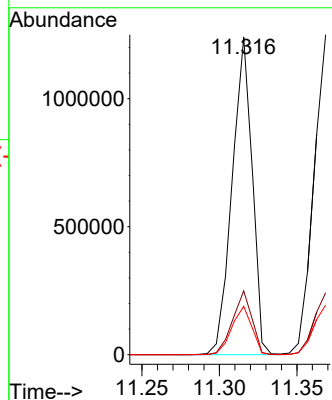
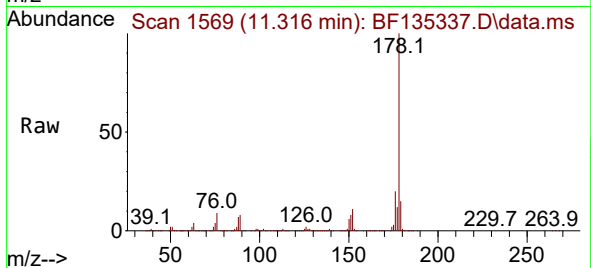
#71
Phenanthrene
Concen: 49.104 ng
RT: 11.316 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

Instrument :
BNA_F
ClientSampleId :
PB155558BS

Tgt Ion:178 Resp: 111551
Ion Ratio Lower Upper
178 100
176 20.1 15.6 23.4
179 15.2 12.0 18.0

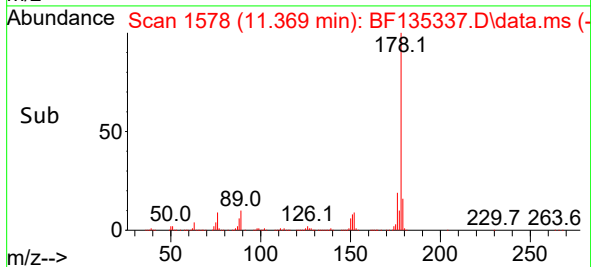
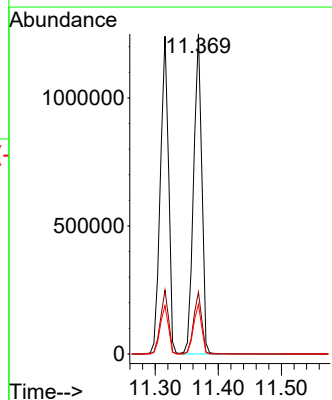
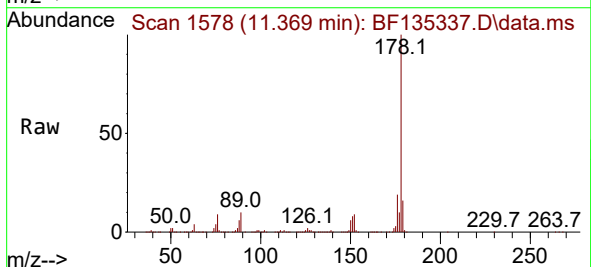
Manual Integrations
APPROVED

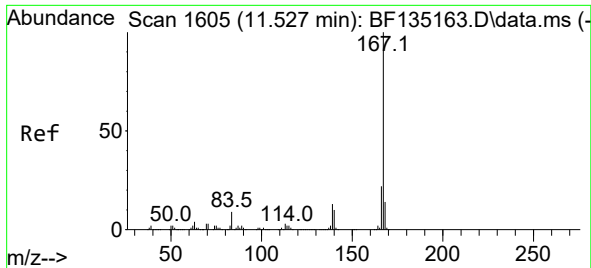
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#72
Anthracene
Concen: 48.539 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

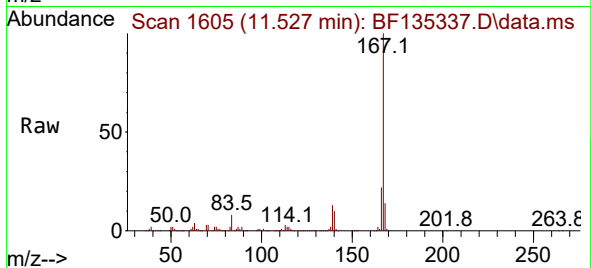
Tgt Ion:178 Resp: 1133423
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.5 12.6 19.0





#73
 Carbazole
 Concen: 50.505 ng
 RT: 11.527 min Scan# 1605
 Delta R.T. 0.000 min
 Lab File: BF135337.D
 Acq: 19 Sep 2023 16:17

Instrument :
 BNA_F
 ClientSampleId :
 PB155558BS

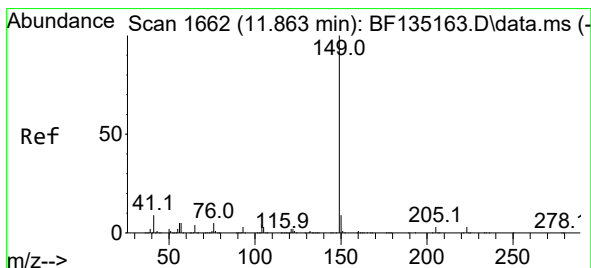
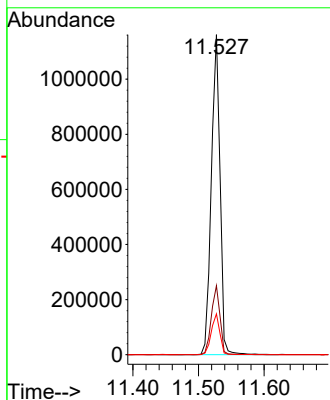
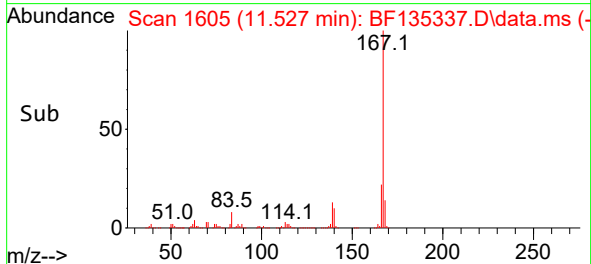


Tgt Ion:167 Resp: 107356

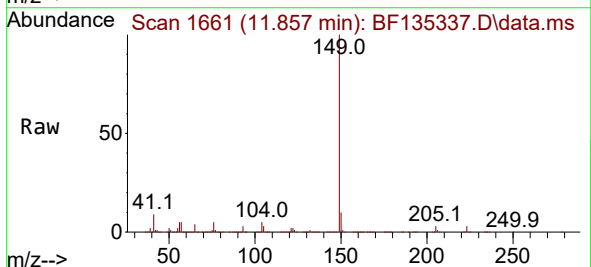
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.0
139	12.7	10.6	15.8

Manual Integrations
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Reviewed By :Yogesh Patel 09/20/2023
 Supervised By :mohammad ahmed 09/20/2023

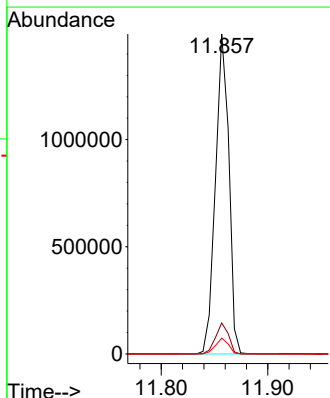
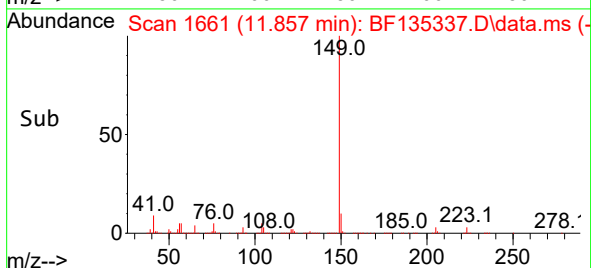


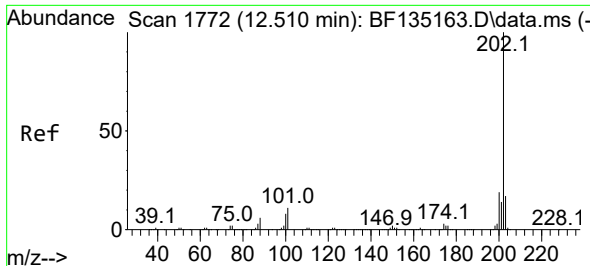
#74
 Di-n-butylphthalate
 Concen: 51.907 ng
 RT: 11.857 min Scan# 1661
 Delta R.T. -0.006 min
 Lab File: BF135337.D
 Acq: 19 Sep 2023 16:17



Tgt Ion:149 Resp: 1300161

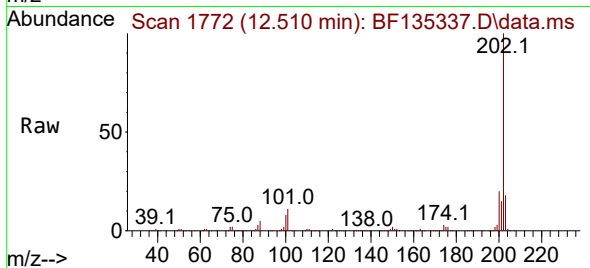
Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.4	11.0
104	5.0	3.6	5.4





#75
Fluoranthene
Concen: 49.417 ng
RT: 12.510 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

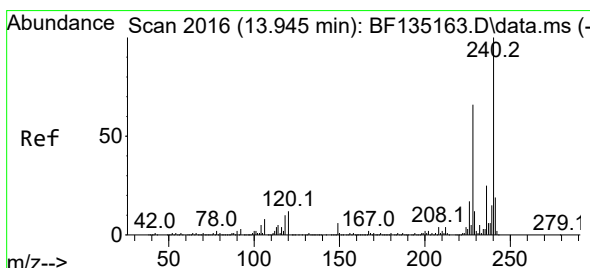
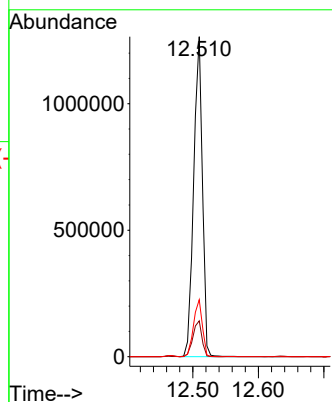
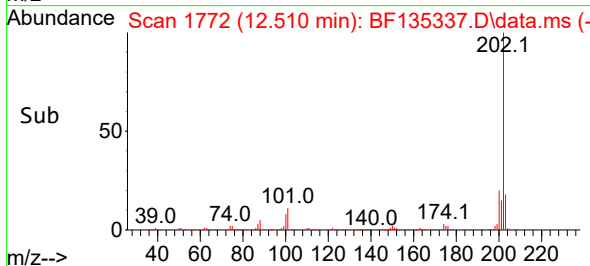
Instrument :
BNA_F
ClientSampleId :
PB155558BS



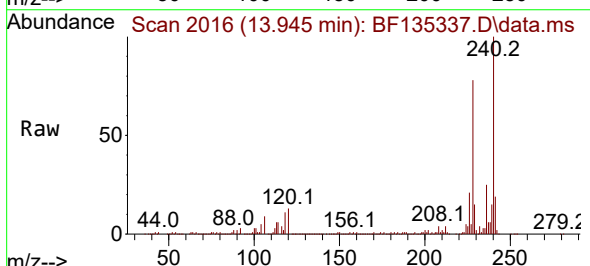
Tgt Ion:202 Resp: 1169760
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.3
203 17.8 0.0 37.4

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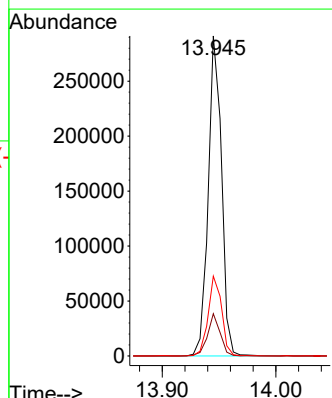
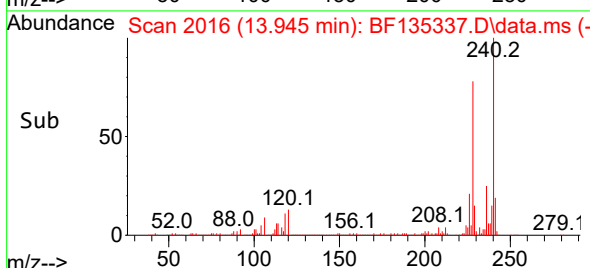
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

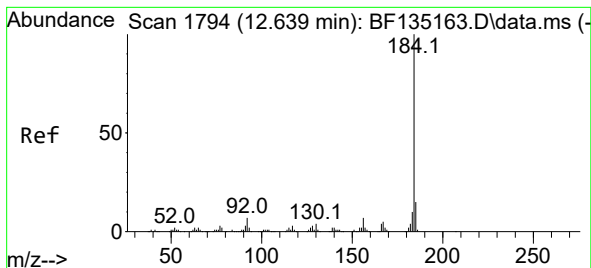


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17



Tgt Ion:240 Resp: 236013
Ion Ratio Lower Upper
240 100
120 13.2 9.4 14.2
236 25.0 19.8 29.8





#77

Benzidine

Concen: 87.607 ng

RT: 12.633 min Scan# 1793

Delta R.T. -0.006 min

Lab File: BF135337.D

Acq: 19 Sep 2023 16:17

Instrument :

BNA_F

ClientSampleId :

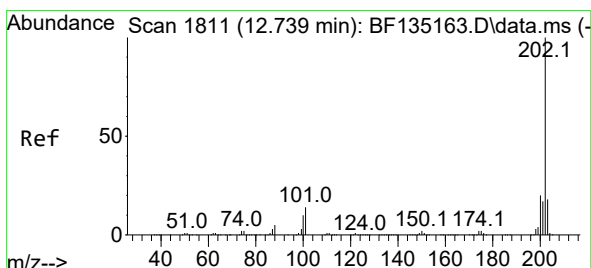
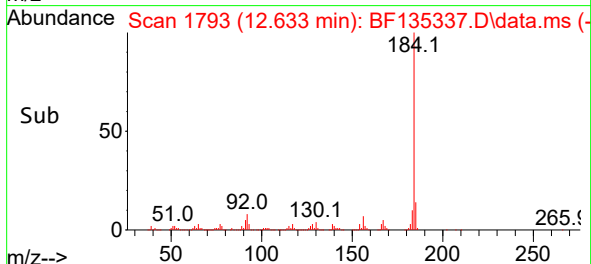
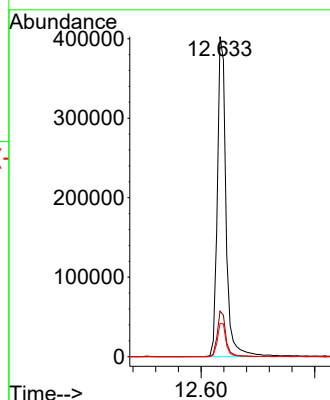
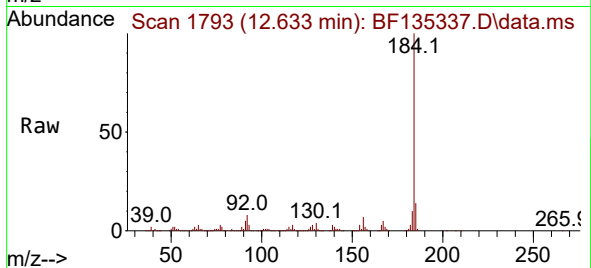
PB155558BS

Tgt Ion:184	Resp: 42359
Ion Ratio	Lower Upper
184 100	
185 14.2	11.7 17.5
183 10.4	8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#78

Pyrene

Concen: 52.372 ng

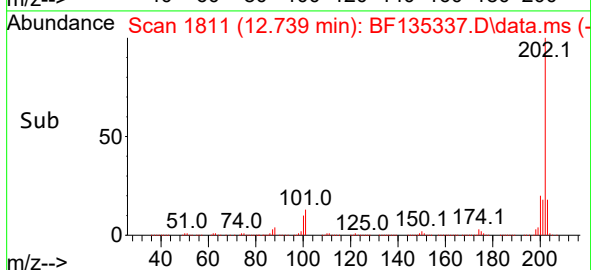
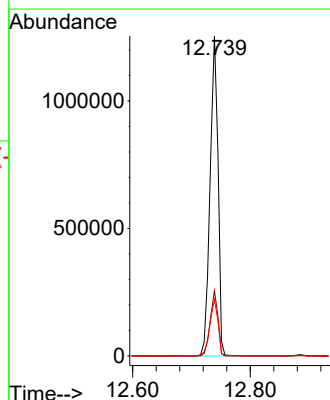
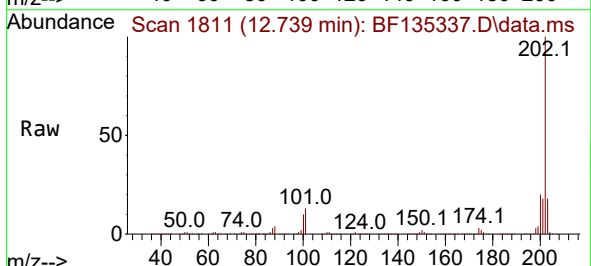
RT: 12.739 min Scan# 1811

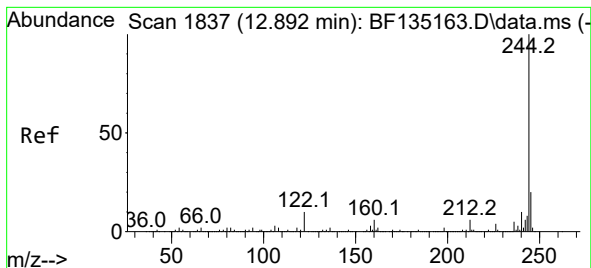
Delta R.T. 0.000 min

Lab File: BF135337.D

Acq: 19 Sep 2023 16:17

Tgt Ion:202	Resp: 1176802
Ion Ratio	Lower Upper
202 100	
200 20.4	16.2 24.2
203 17.7	14.2 21.4





#79

Terphenyl-d14

Concen: 94.988 ng

RT: 12.886 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135337.D

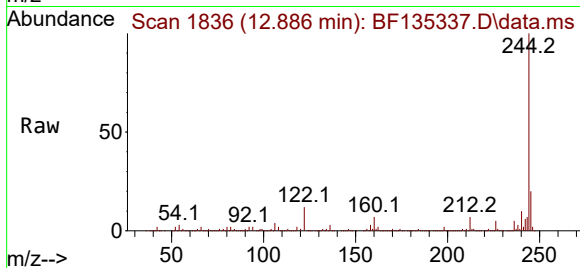
Acq: 19 Sep 2023 16:17

Instrument :

BNA_F

ClientSampleId :

PB155558BS



Tgt Ion:244 Resp: 144617

Ion Ratio Lower Upper

244 100

212 7.1 5.1 7.7

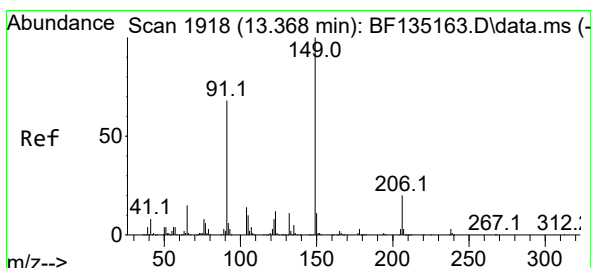
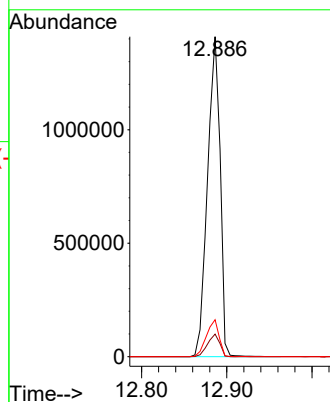
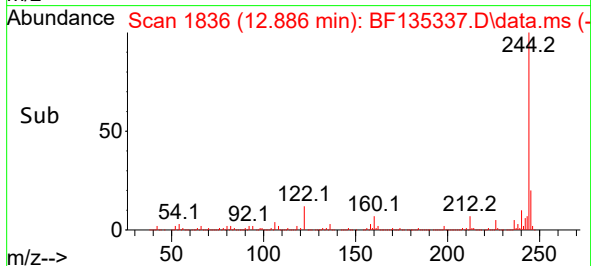
122 11.6 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#80

Butylbenzylphthalate

Concen: 61.306 ng

RT: 13.363 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF135337.D

Acq: 19 Sep 2023 16:17

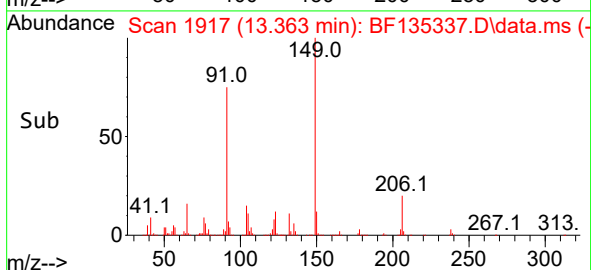
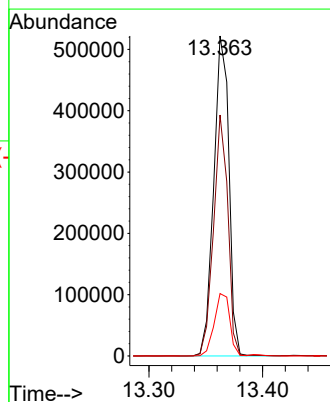
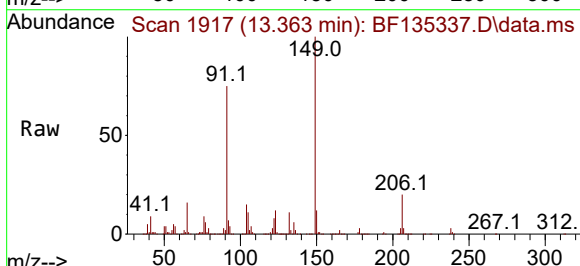
Tgt Ion:149 Resp: 485014

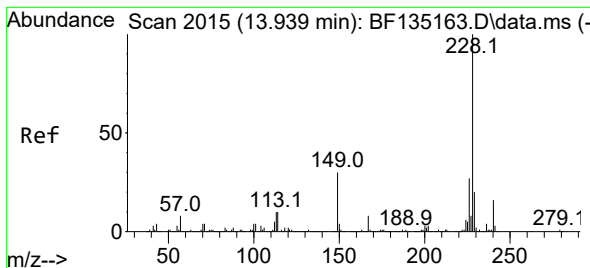
Ion Ratio Lower Upper

149 100

91 75.3 54.7 82.1

206 19.5 16.3 24.5





#81

Benzo(a)anthracene

Concen: 49.517 ng

RT: 13.939 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF135337.D

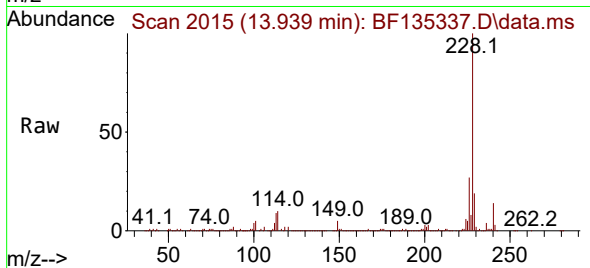
Acq: 19 Sep 2023 16:17

Instrument :

BNA_F

ClientSampleId :

PB155558BS



Tgt Ion:228 Resp: 75464

Ion Ratio Lower Upper

228 100

226 27.3 21.7 32.5

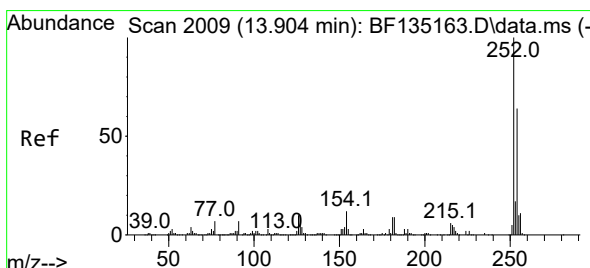
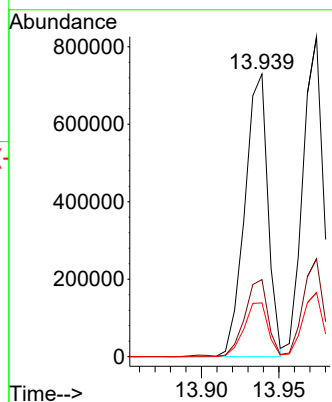
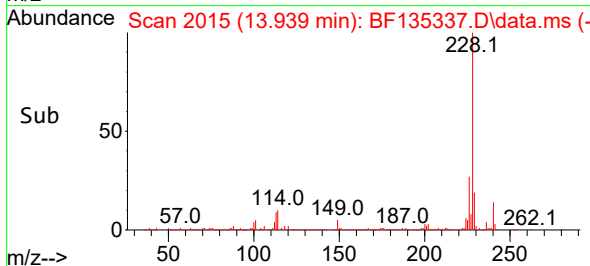
229 19.0 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#82

3,3'-Dichlorobenzidine

Concen: 41.466 ng

RT: 13.898 min Scan# 2008

Delta R.T. -0.006 min

Lab File: BF135337.D

Acq: 19 Sep 2023 16:17

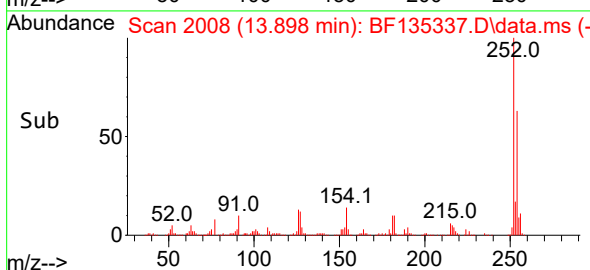
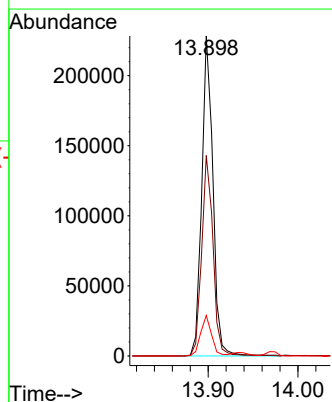
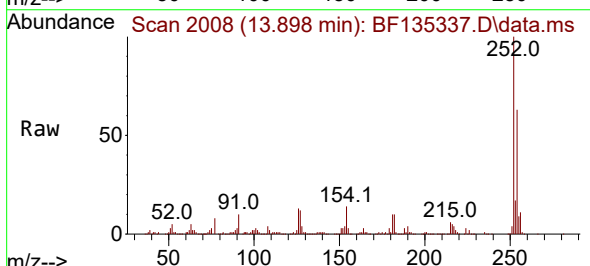
Tgt Ion:252 Resp: 197387

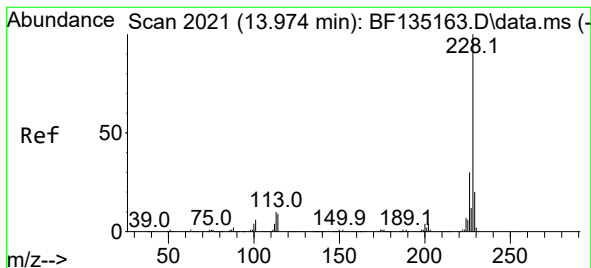
Ion Ratio Lower Upper

252 100

254 62.6 51.0 76.4

126 12.6 7.8 11.8#





#83

Chrysene

Concen: 49.597 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF135337.D

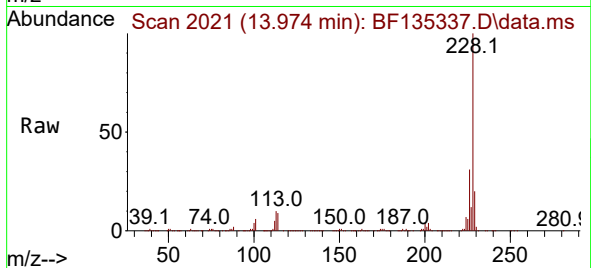
Acq: 19 Sep 2023 16:17

Instrument :

BNA_F

ClientSampleId :

PB155558BS



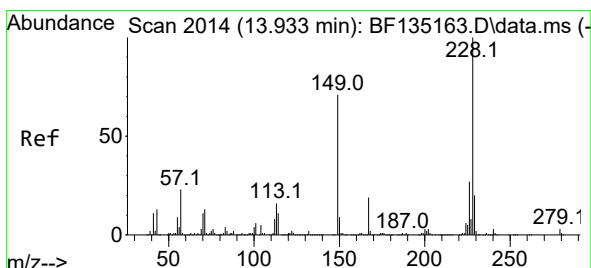
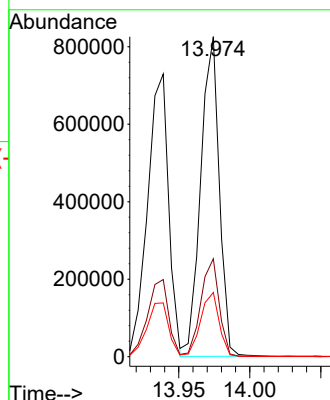
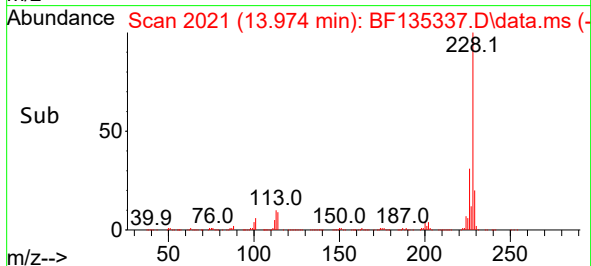
Tgt Ion:	228	Resp:	751492
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.3	36.5
229	20.0	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 65.646 ng

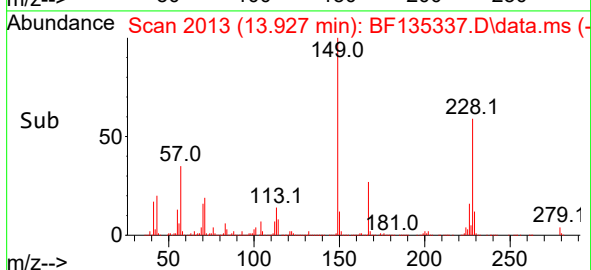
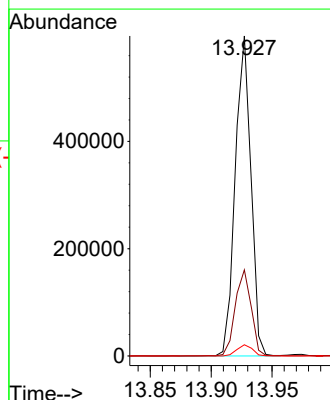
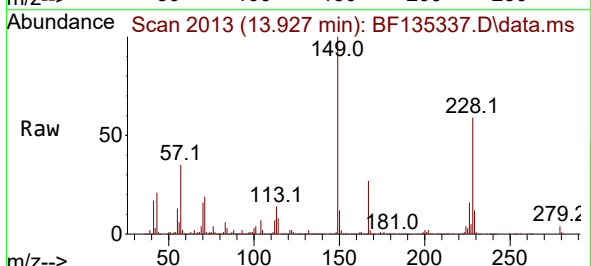
RT: 13.927 min Scan# 2013

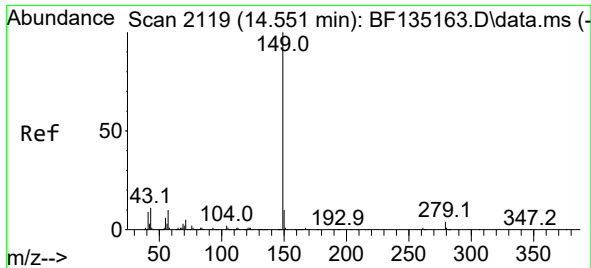
Delta R.T. -0.006 min

Lab File: BF135337.D

Acq: 19 Sep 2023 16:17

Tgt Ion:	149	Resp:	532943
Ion Ratio	Lower	Upper	
149	100		
167	26.9	21.9	32.9
279	3.5	3.3	4.9





#85
Di-n-octyl phthalate
Concen: 64.358 ng
RT: 14.545 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

Instrument :

BNA_F

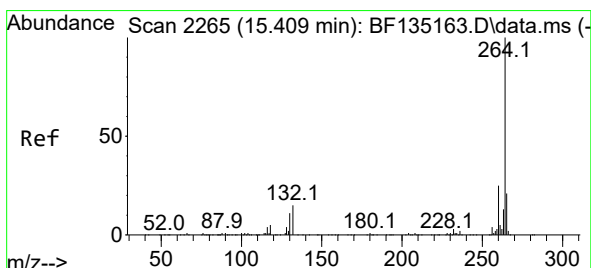
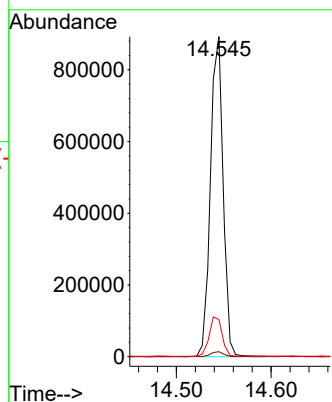
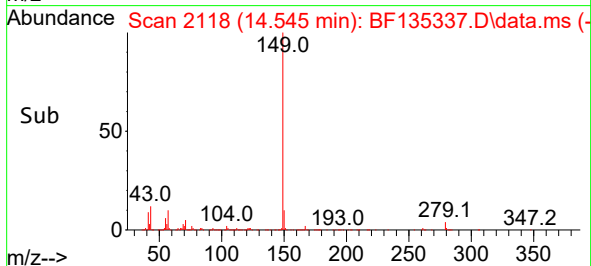
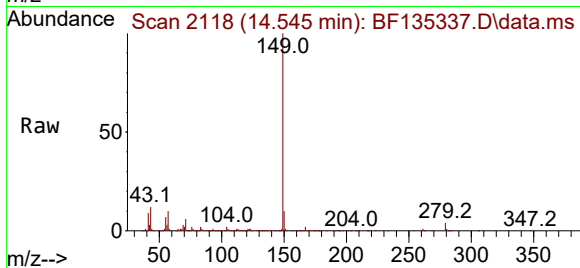
ClientSampleId :

PB155558BS

Tgt Ion:149 Resp: 83033
Ion Ratio Lower Upper
149 100
167 1.7 1.1 1.7
43 12.6 9.8 14.6

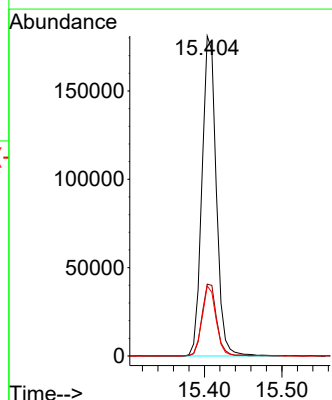
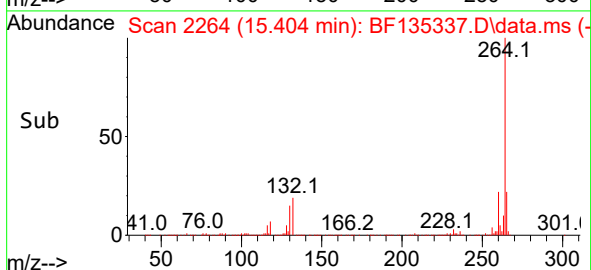
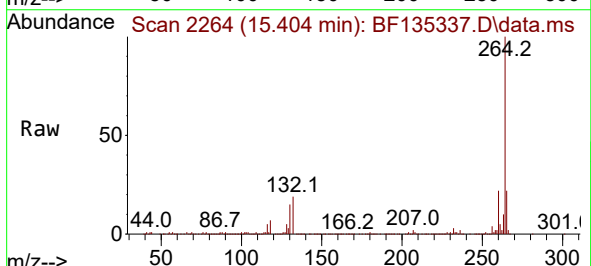
Manual Integrations
APPROVED

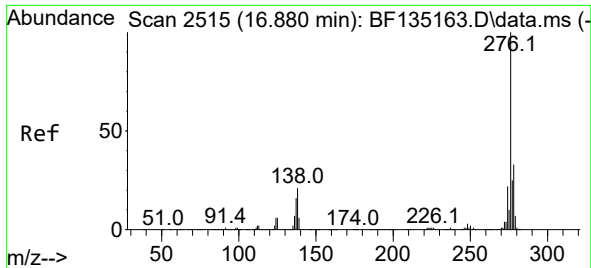
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

Tgt Ion:264 Resp: 231638
Ion Ratio Lower Upper
264 100
260 22.4 19.8 29.6
265 21.9 17.0 25.4





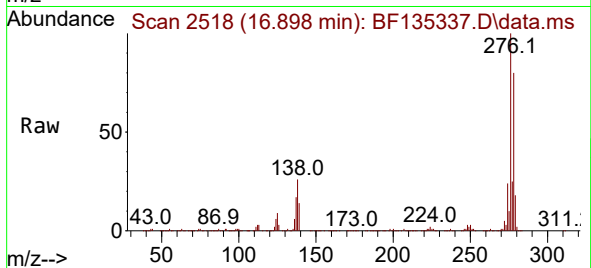
#87
Indeno(1,2,3-cd)pyrene
Concen: 50.760 ng
RT: 16.898 min Scan# 2118
Delta R.T. 0.018 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

Instrument :

BNA_F

ClientSampleId :

PB155558BS

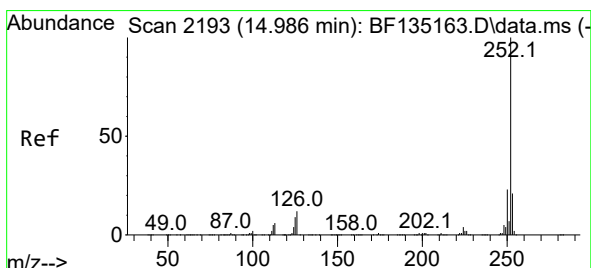
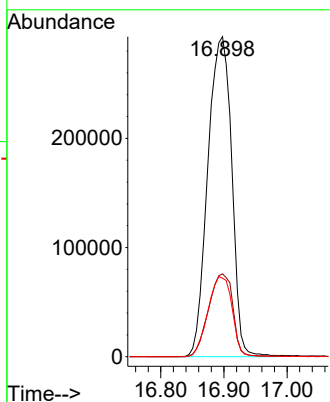
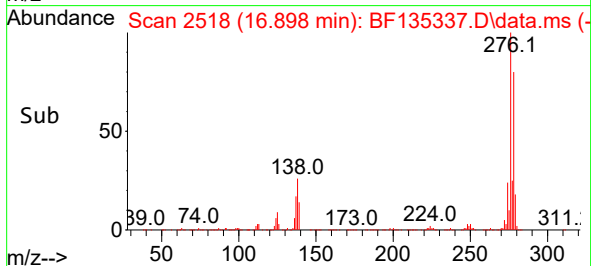


Tgt Ion:276 Resp: 770934
Ion Ratio Lower Upper
276 100
138 26.5 19.2 28.8
277 25.3 19.7 29.5

Manual Integrations

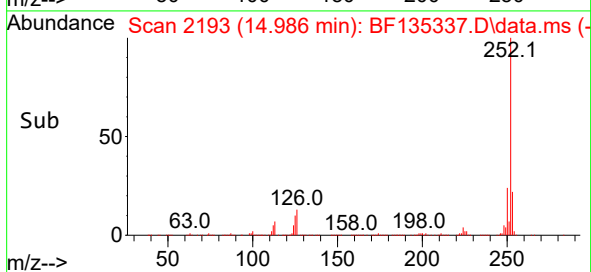
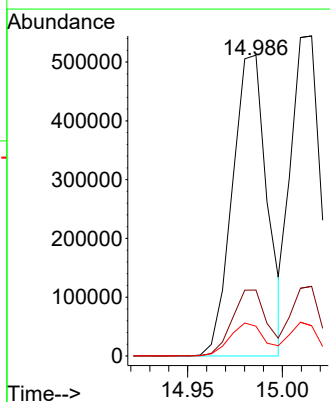
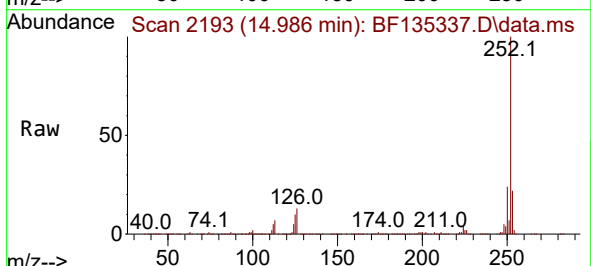
APPROVED

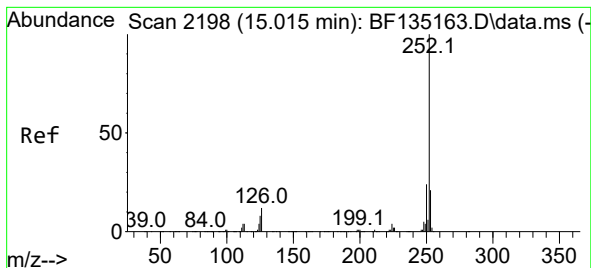
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#88
Benzo(b)fluoranthene
Concen: 52.263 ng
RT: 14.986 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

Tgt Ion:252 Resp: 655342
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 9.9 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 47.780 ng

RT: 15.015 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF135337.D

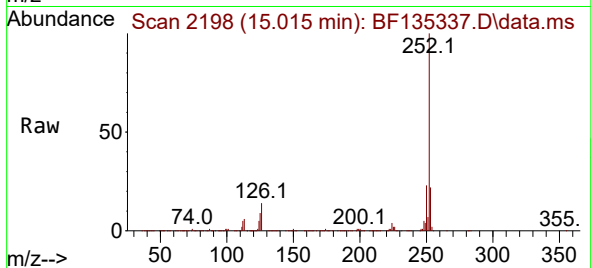
Acq: 19 Sep 2023 16:17

Instrument :

BNA_F

ClientSampleId :

PB155558BS



Tgt Ion:252 Resp: 591839

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

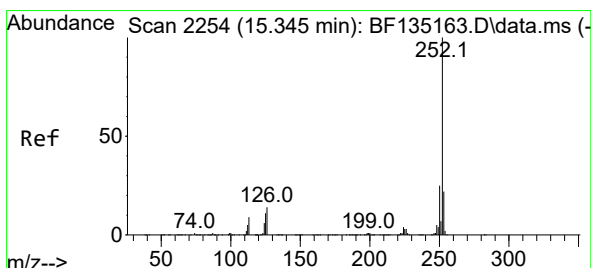
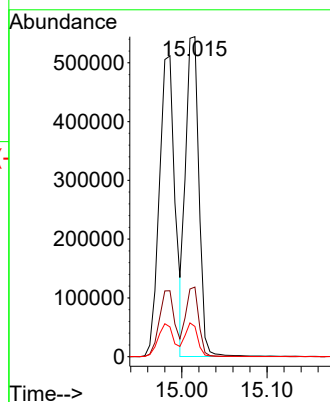
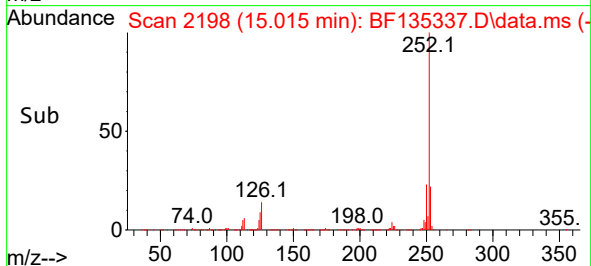
125 9.5 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#90

Benzo(a)pyrene

Concen: 48.344 ng

RT: 15.351 min Scan# 2255

Delta R.T. 0.006 min

Lab File: BF135337.D

Acq: 19 Sep 2023 16:17

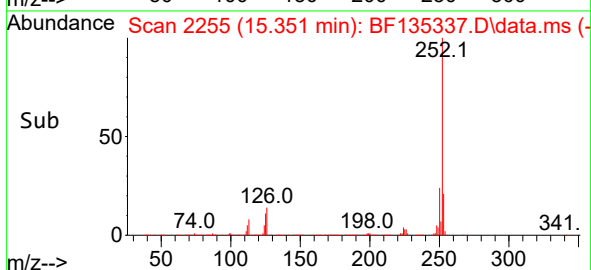
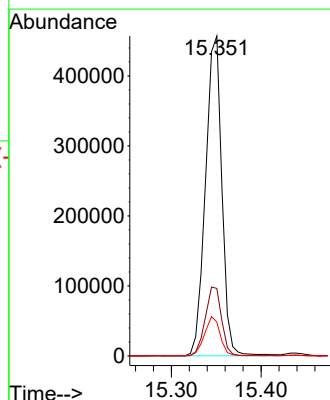
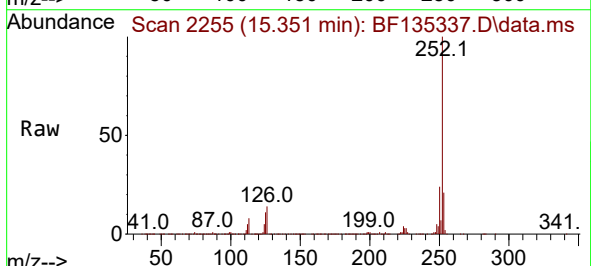
Tgt Ion:252 Resp: 578095

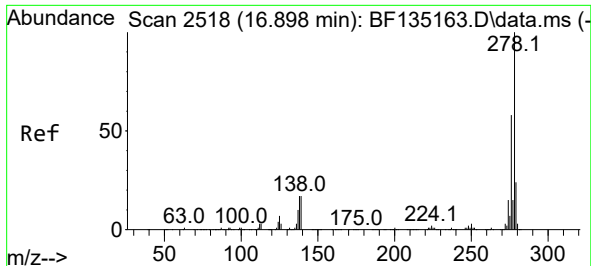
Ion Ratio Lower Upper

252 100

253 21.1 17.5 26.3

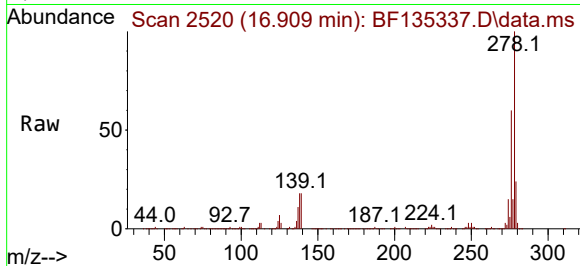
125 10.6 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 49.559 ng
RT: 16.909 min Scan# 2520
Delta R.T. 0.012 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

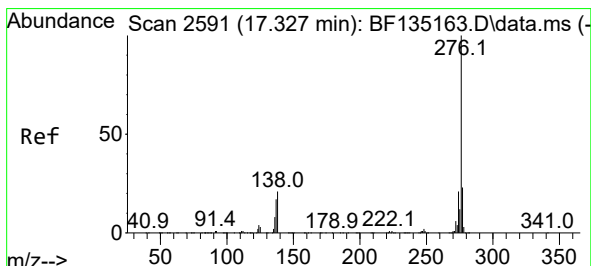
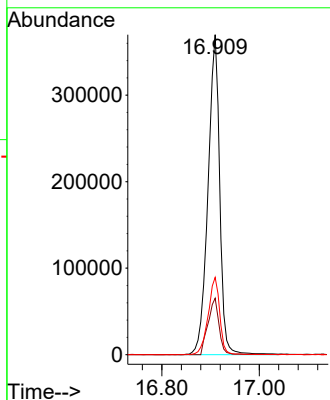
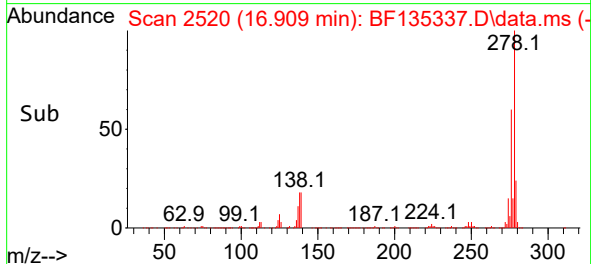
Instrument :
BNA_F
ClientSampleId :
PB155558BS



Tgt Ion: 278 Resp: 61586
Ion Ratio Lower Upper
278 100
139 17.7 13.4 20.0
279 24.1 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#92
Benzo(g,h,i)perylene
Concen: 49.796 ng
RT: 17.345 min Scan# 2594
Delta R.T. 0.018 min
Lab File: BF135337.D
Acq: 19 Sep 2023 16:17

Tgt Ion: 276 Resp: 646268
Ion Ratio Lower Upper
276 100
277 23.1 18.8 28.2
138 21.3 16.9 25.3

