

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091923\
 Data File : BF135339.D
 Acq On : 19 Sep 2023 17:21
 Operator : CG\JU
 Sample : PB155405BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155405BS

Quant Time: Sep 20 01:36:34 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	137795	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	552316	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	279025	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	541912	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	257480	20.000	ng	0.00
86) Perylene-d12	15.404	264	245817	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1050068	123.944	ng	0.01
7) Phenol-d6	6.410	99	1340839	124.465	ng	0.00
23) Nitrobenzene-d5	7.328	82	879699	86.533	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	333778	120.374	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1480033	80.027	ng	0.00
79) Terphenyl-d14	12.886	244	1508831	90.841	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.563	88	149204	40.173	ng	99
3) Pyridine	3.316	79	389809	38.997	ng	98
4) n-Nitrosodimethylamine	3.281	42	260576	49.125	ng	99
6) Aniline	6.428	93	401991	28.456	ng	# 74
8) 2-Chlorophenol	6.545	128	432402	47.811	ng	99
9) Benzaldehyde	6.310	77	161072	26.246	ng	97
10) Phenol	6.422	94	484440	41.010	ng	84
11) bis(2-Chloroethyl)ether	6.504	93	416450	46.998	ng	98
12) 1,3-Dichlorobenzene	6.698	146	419757	45.668	ng	98
13) 1,4-Dichlorobenzene	6.775	146	424201	45.363	ng	98
14) 1,2-Dichlorobenzene	6.928	146	399396	45.991	ng	98
15) Benzyl Alcohol	6.910	79	323415m	41.836	ng	
16) 2,2'-oxybis(1-Chloropr...	7.034	45	796346	47.679	ng	90
17) 2-Methylphenol	7.022	107	343930	43.093	ng	96
18) Hexachloroethane	7.263	117	162610	47.062	ng	92
19) n-Nitroso-di-n-propyla...	7.181	70	276338	41.413	ng	96
20) 3+4-Methylphenols	7.175	107	398669	41.541	ng	94
22) Acetophenone	7.169	105	548011	43.399	ng	# 99
24) Nitrobenzene	7.345	77	445228	44.310	ng	99
25) Isophorone	7.581	82	851074	45.591	ng	98
26) 2-Nitrophenol	7.657	139	234932	48.715	ng	99
27) 2,4-Dimethylphenol	7.704	122	395422	48.781	ng	96
28) bis(2-Chloroethoxy)met...	7.792	93	523398	46.844	ng	99
29) 2,4-Dichlorophenol	7.904	162	349110	46.478	ng	98
30) 1,2,4-Trichlorobenzene	7.981	180	358993	45.726	ng	98
31) Naphthalene	8.057	128	1182869	44.079	ng	99
32) Benzoic acid	7.851	122	286088	46.869	ng	97
33) 4-Chloroaniline	8.110	127	238338	20.243	ng	99
34) Hexachlorobutadiene	8.175	225	206979	43.722	ng	99
35) Caprolactam	8.492	113	129366m	51.317	ng	
36) 4-Chloro-3-methylphenol	8.610	107	386776	46.331	ng	97
37) 2-Methylnaphthalene	8.751	142	761635	42.222	ng	98
38) 1-Methylnaphthalene	8.851	142	709441	42.007	ng	99
40) 1,2,4,5-Tetrachloroben...	8.922	216	352197	43.569	ng	99
41) Hexachlorocyclopentadiene	8.898	237	264724	74.846	ng	98
43) 2,4,6-Trichlorophenol	9.039	196	234702	44.345	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	273075	44.802	ng	98
46) 1,1'-Biphenyl	9.222	154	940524	43.862	ng	99
47) 2-Chloronaphthalene	9.245	162	709860	45.627	ng	100
48) 2-Nitroaniline	9.345	65	290974	48.141	ng	94
49) Acenaphthylene	9.663	152	1107173	42.821	ng	100
50) Dimethylphthalate	9.528	163	872328	46.241	ng	100
51) 2,6-Dinitrotoluene	9.592	165	188949	45.721	ng	98
52) Acenaphthene	9.833	154	673965	44.124	ng	98
53) 3-Nitroaniline	9.763	138	150403	31.004	ng	96
54) 2,4-Dinitrophenol	9.880	184	203189	86.091	ng	98
55) Dibenzofuran	10.004	168	953352	40.902	ng	96
56) 4-Nitrophenol	9.939	139	256896	83.324	ng	99
57) 2,4-Dinitrotoluene	10.004	165	221456	42.804	ng	86
58) Fluorene	10.351	166	762259	42.540	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.128	232	228860	48.812	ng	98
60) Diethylphthalate	10.228	149	862881	45.576	ng	98
61) 4-Chlorophenyl-phenyle...	10.339	204	356596	41.428	ng	99
62) 4-Nitroaniline	10.386	138	215984m	46.318	ng	
63) Azobenzene	10.504	77	861386	46.488	ng	96
65) 4,6-Dinitro-2-methylph...	10.416	198	143389	49.818	ng	96
66) n-Nitrosodiphenylamine	10.469	169	724757	44.176	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	237079	43.987	ng	98
68) Hexachlorobenzene	10.898	284	253528	46.173	ng	# 91
69) Atrazine	10.998	200	237975	53.908	ng	98
70) Pentachlorophenol	11.098	266	249332	75.896	ng	99
71) Phenanthrene	11.316	178	1144929	44.671	ng	98
72) Anthracene	11.369	178	1160313	44.043	ng	100
73) Carbazole	11.527	167	1101149	45.915	ng	100
74) Di-n-butylphthalate	11.857	149	1339623	47.404	ng	99
75) Fluoranthene	12.510	202	1197482	44.839	ng	100
77) Benzidine	12.633	184	284385	53.912	ng	99
78) Pyrene	12.739	202	1205919	49.193	ng	100
80) Butylbenzylphthalate	13.363	149	488668	56.618	ng	95
81) Benzo(a)anthracene	13.933	228	745415	44.834	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	174695	33.639	ng	# 95
83) Chrysene	13.974	228	759339	45.936	ng	100
84) Bis(2-ethylhexyl)phtha...	13.927	149	530806	59.931	ng	100
85) Di-n-octyl phthalate	14.545	149	826709	58.735	ng	99
87) Indeno(1,2,3-cd)pyrene	16.892	276	793222	49.215	ng	97
88) Benzo(b)fluoranthene	14.986	252	688249	51.721	ng	99
89) Benzo(k)fluoranthene	15.010	252	614008m	46.711	ng	
90) Benzo(a)pyrene	15.345	252	598407	47.156	ng	99
91) Dibenzo(a,h)anthracene	16.904	278	634891	48.143	ng	98
92) Benzo(g,h,i)perylene	17.339	276	663671	48.188	ng	97

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

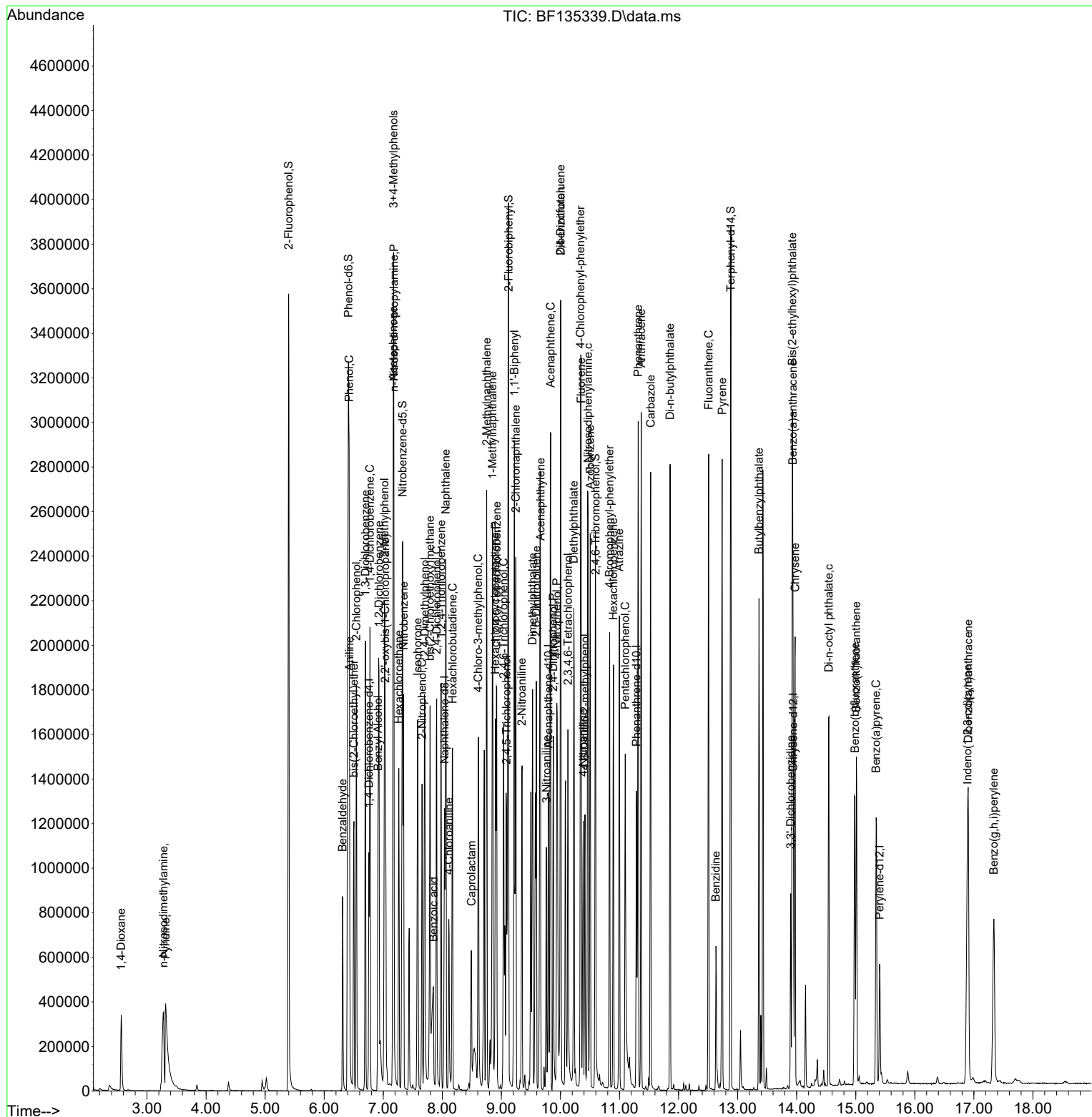
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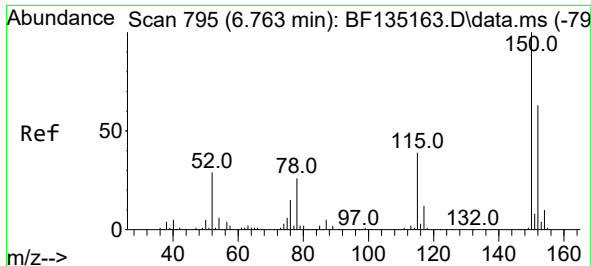
Instrument :
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 ClientSampleId :
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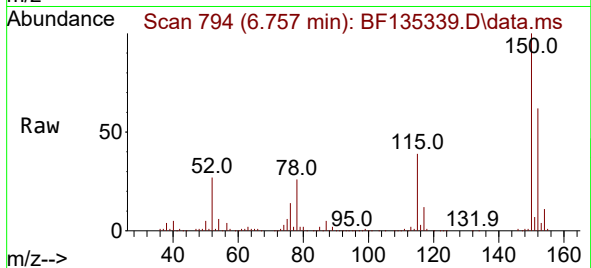
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

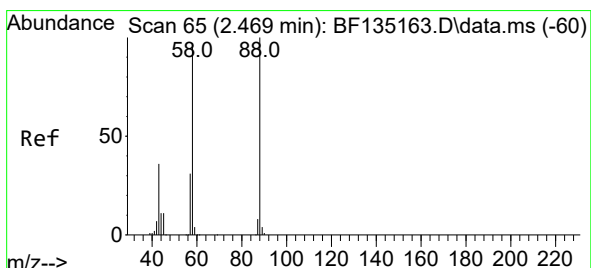
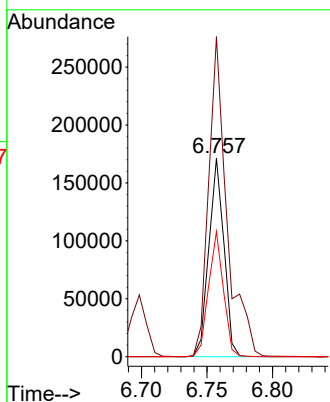
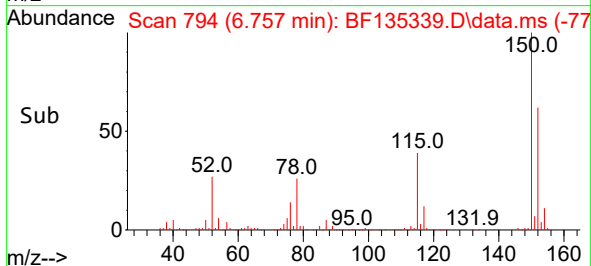
Instrument :
BNA_F
ClientSampleId :
PB155405BS



Tgt Ion:152 Resp: 137795
Ion Ratio Lower Upper
152 100
150 161.1 127.8 191.6
115 63.0 49.8 74.8

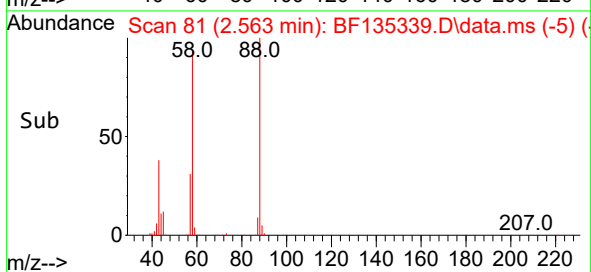
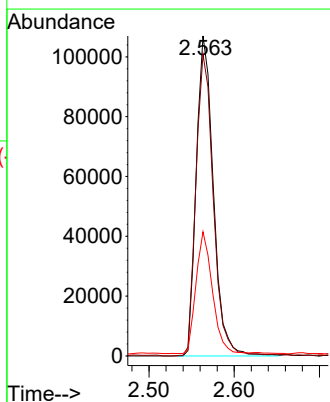
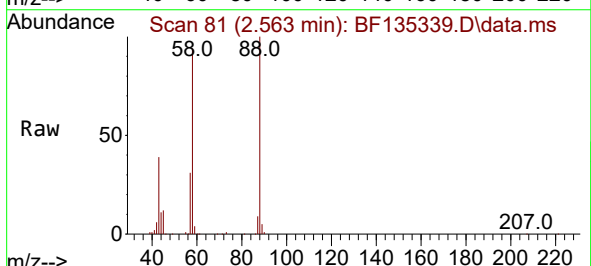
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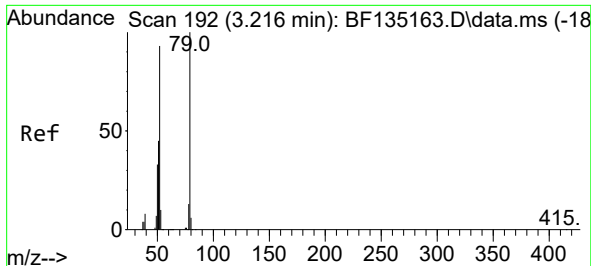
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#2
1,4-Dioxane
Concen: 40.173 ng
RT: 2.563 min Scan# 81
Delta R.T. 0.094 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Tgt Ion: 88 Resp: 149204
Ion Ratio Lower Upper
88 100
58 96.5 78.3 117.5
43 36.3 29.4 44.0





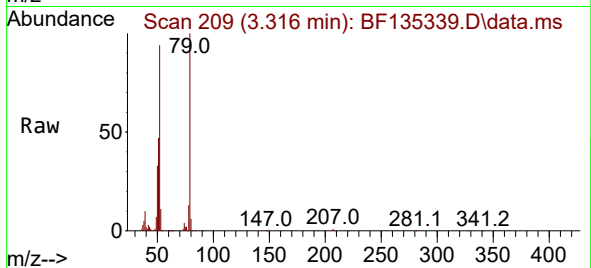
#3
Pyridine
Concen: 38.997 ng
RT: 3.316 min Scan# 209
Delta R.T. 0.100 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

PB155405BS



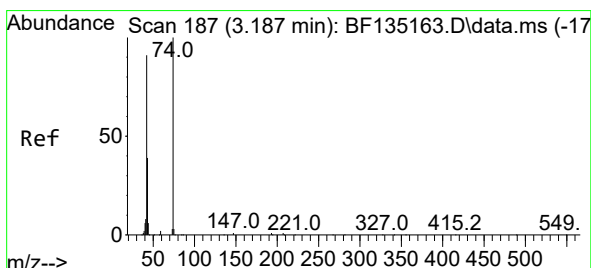
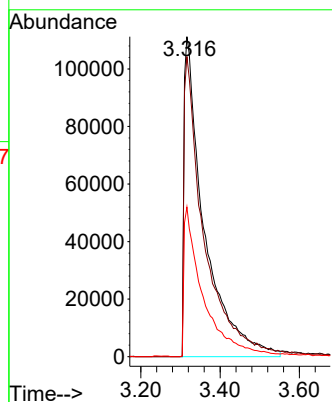
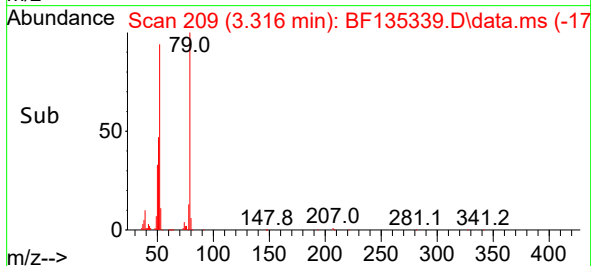
Tgt Ion: 79 Resp: 389809
Ion Ratio Lower Upper
79 100
52 93.8 74.1 111.1
51 46.8 35.8 53.8

Manual Integrations

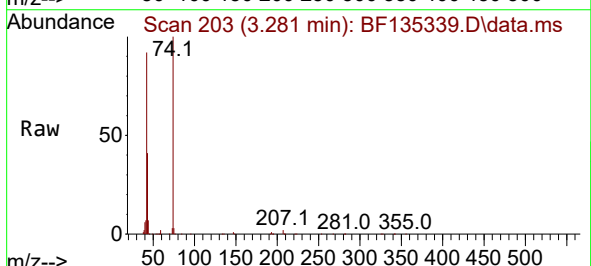
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Reviewed By :Yogesh Patel 09/20/2023

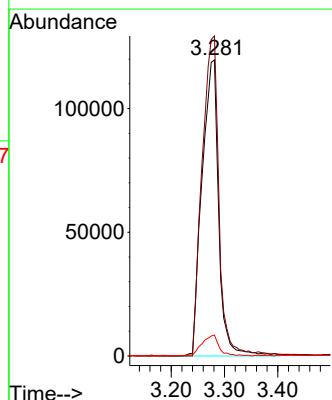
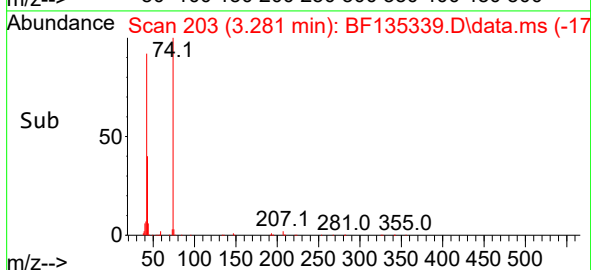
Supervised By :mohammad ahmed 09/20/2023

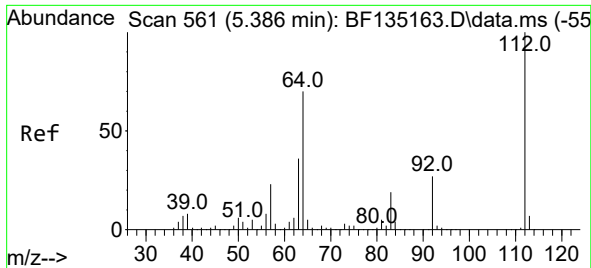


#4
n-Nitrosodimethylamine
Concen: 49.125 ng
RT: 3.281 min Scan# 203
Delta R.T. 0.094 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21



Tgt Ion: 42 Resp: 260576
Ion Ratio Lower Upper
42 100
74 108.1 87.7 131.5
44 7.1 5.6 8.4





#5
2-Fluorophenol
Concen: 123.944 ng
RT: 5.398 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

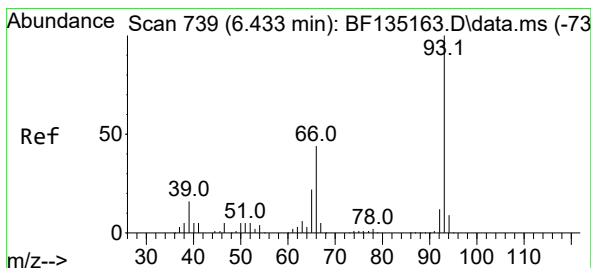
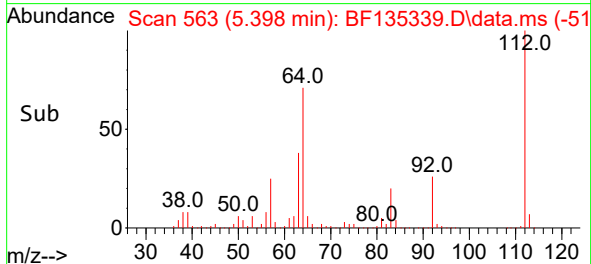
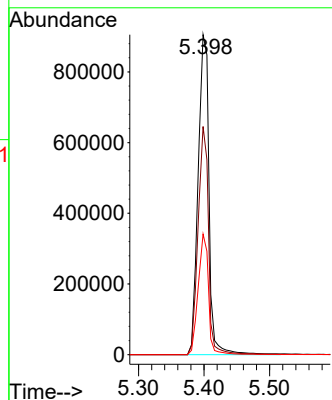
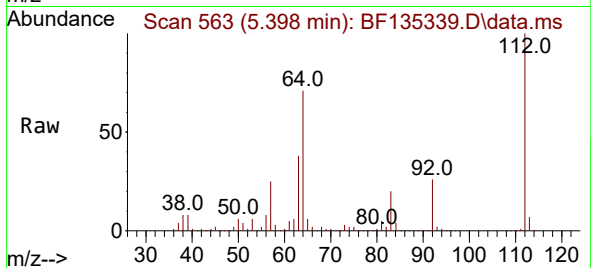
PB155405BS

Tgt Ion:112 Resp: 105006
Ion Ratio Lower Upper
112 100
64 71.3 55.9 83.9
63 37.7 29.0 43.6

Manual Integrations

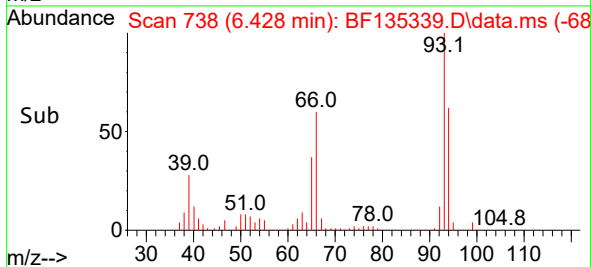
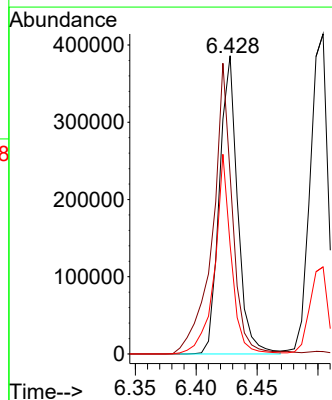
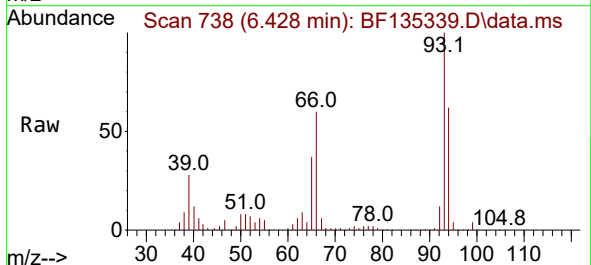
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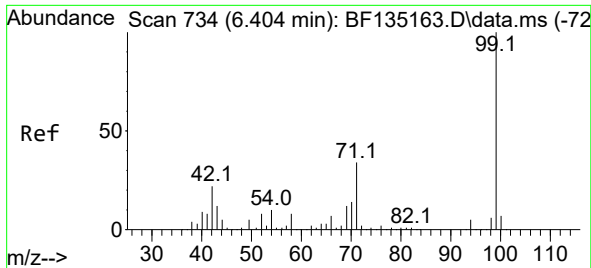
Reviewed By :Yogesh Patel 09/20/2023
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#6
Aniline
Concen: 28.456 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

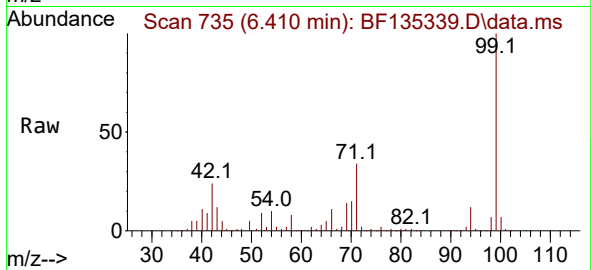
Tgt Ion: 93 Resp: 401991
Ion Ratio Lower Upper
93 100
66 60.1 35.4 53.0#
65 36.5 17.8 26.8#





#7
Phenol-d6
Concen: 124.465 ng
RT: 6.410 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

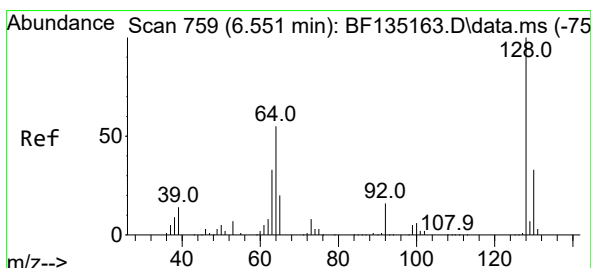
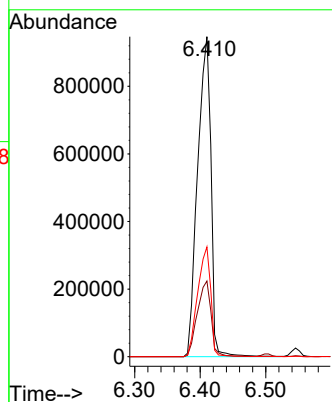
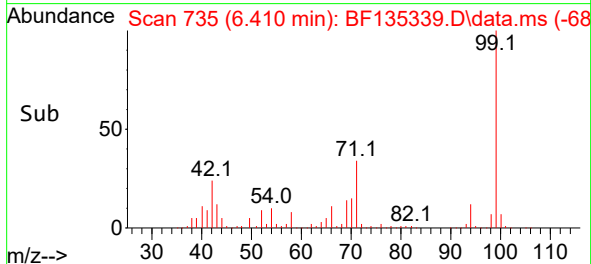
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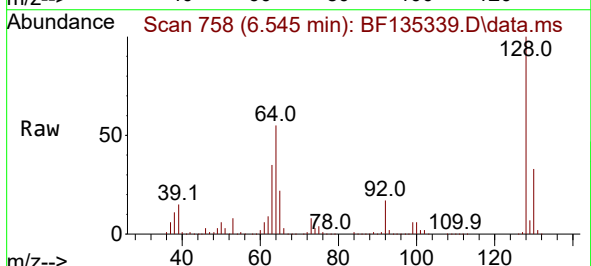
Tgt Ion: 99 Resp: 1340839
Ion Ratio Lower Upper
99 100
42 23.7 17.9 26.9
71 34.3 27.0 40.6

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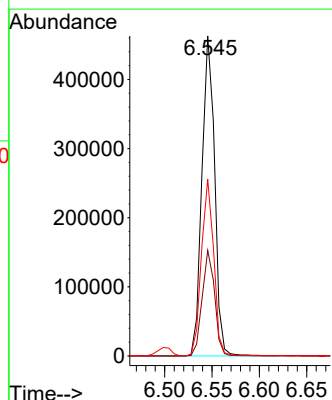
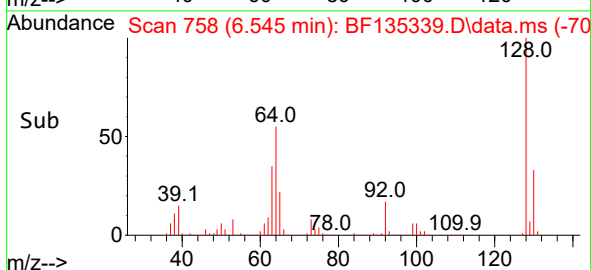
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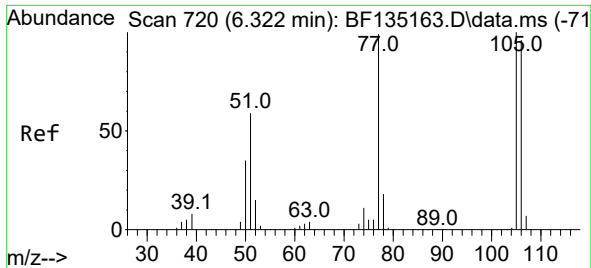


#8
2-Chlorophenol
Concen: 47.811 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21



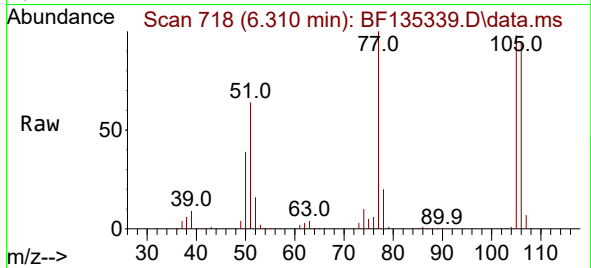
Tgt Ion:128 Resp: 432402
Ion Ratio Lower Upper
128 100
130 33.0 12.7 52.7
64 55.2 35.9 75.9





#9
Benzaldehyde
Concen: 26.246 ng
RT: 6.310 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF135339.D
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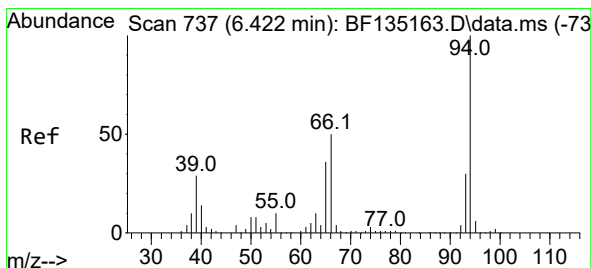
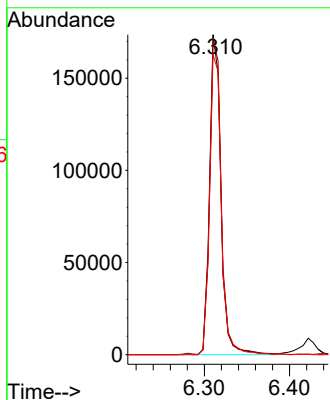
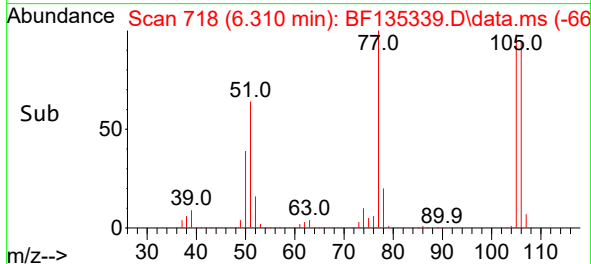
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Tgt Ion: 77 Resp: 161072
Ion Ratio Lower Upper
77 100
105 98.5 81.4 121.4
106 93.7 76.9 116.9

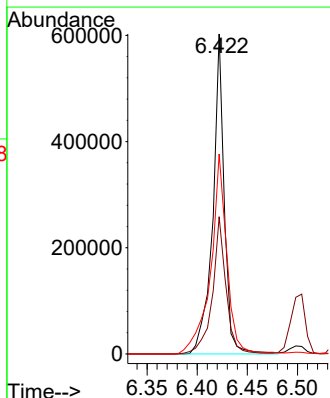
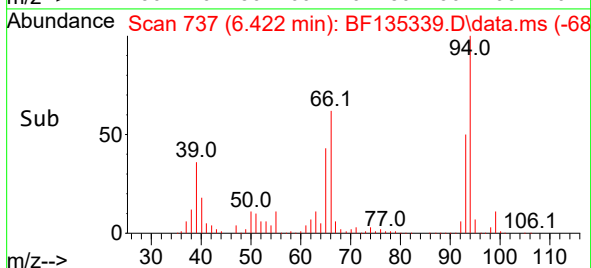
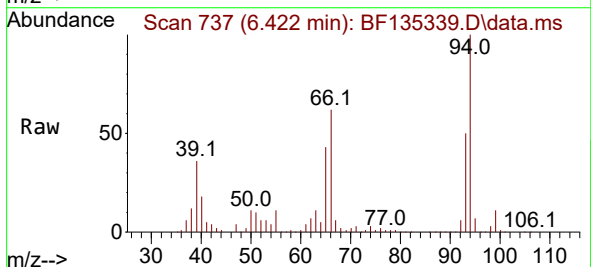
Manual Integrations
APPROVED

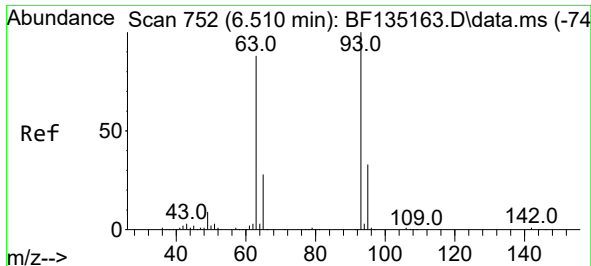
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#10
Phenol
Concen: 41.010 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Tgt Ion: 94 Resp: 484440
Ion Ratio Lower Upper
94 100
65 42.9 15.9 55.9
66 62.5 29.8 69.8





#11
bis(2-Chloroethyl)ether
Concen: 46.998 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Instrument :

BNA_F

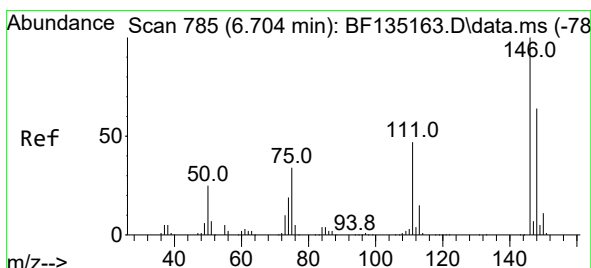
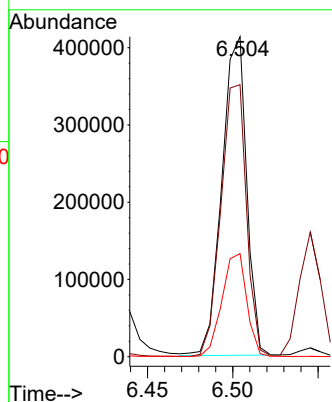
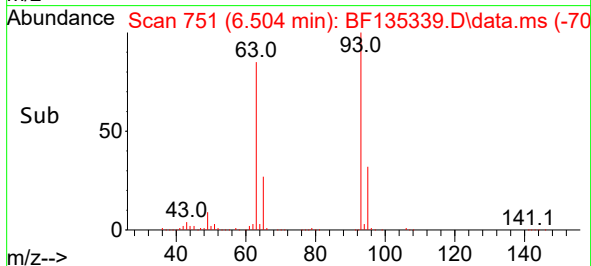
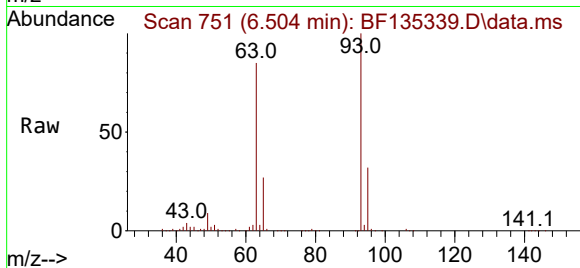
ClientSampleId :

PB155405BS

Tgt Ion: 93 Resp: 416450
Ion Ratio Lower Upper
93 100
63 85.0 67.3 107.3
95 32.2 12.7 52.7

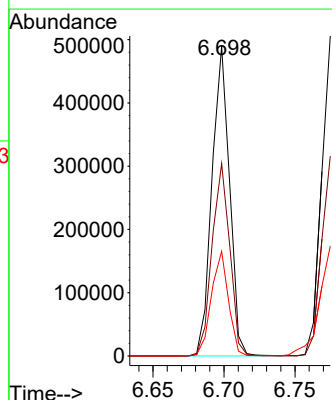
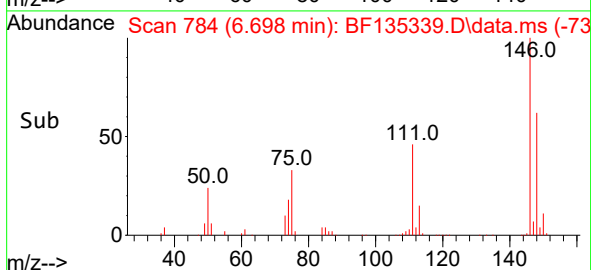
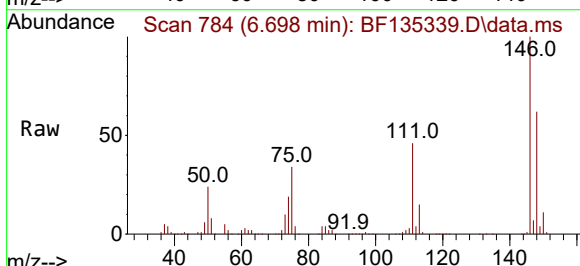
Manual Integrations
APPROVED

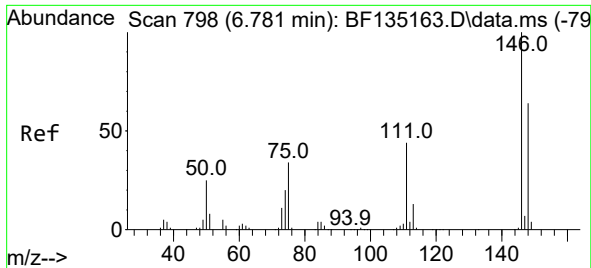
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#12
1,3-Dichlorobenzene
Concen: 45.668 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Tgt Ion:146 Resp: 419757
Ion Ratio Lower Upper
146 100
148 62.1 51.3 76.9
75 33.8 27.4 41.2





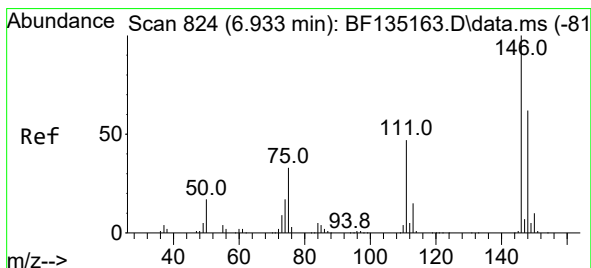
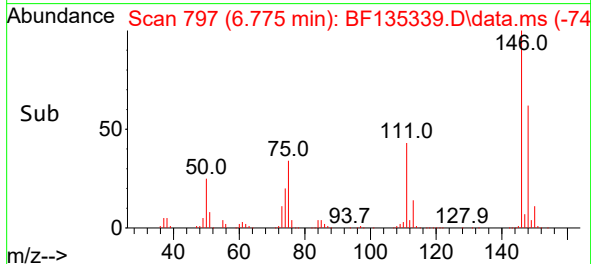
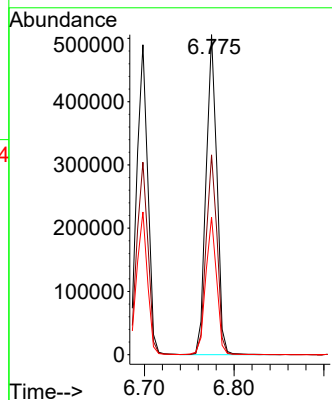
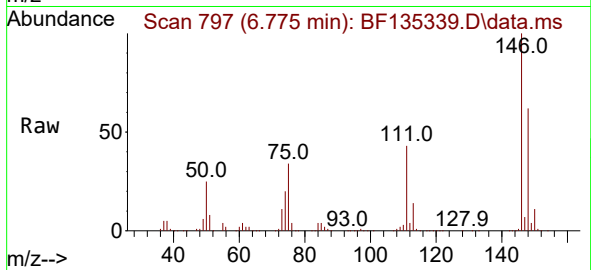
#13
1,4-Dichlorobenzene
Concen: 45.363 ng
RT: 6.775 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Instrument :
BNA_F
ClientSampleId :
PB155405BS

Tgt Ion:146 Resp: 42420
Ion Ratio Lower Upper
146 100
148 62.4 51.3 76.9
111 43.0 35.1 52.7

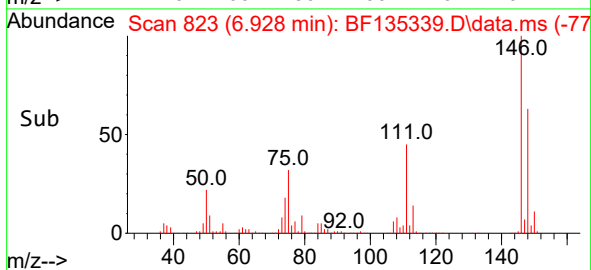
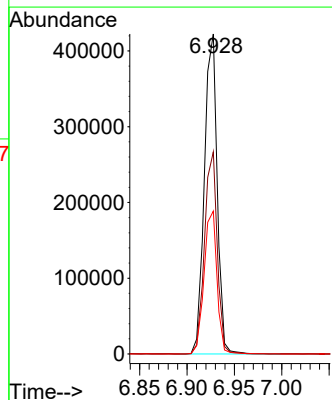
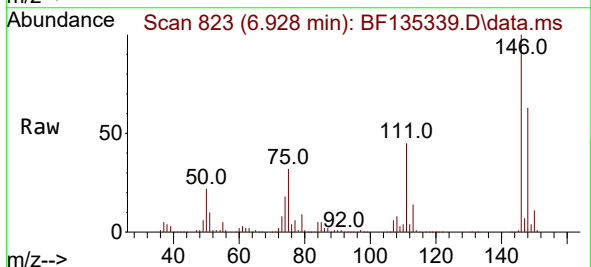
Manual Integrations
APPROVED

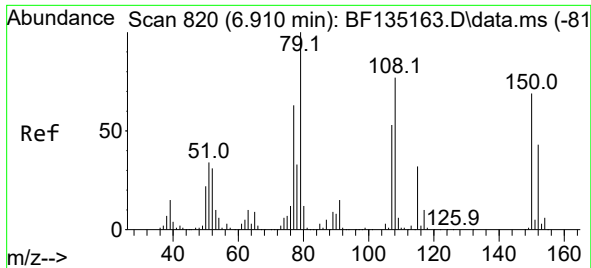
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#14
1,2-Dichlorobenzene
Concen: 45.991 ng
RT: 6.928 min Scan# 823
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

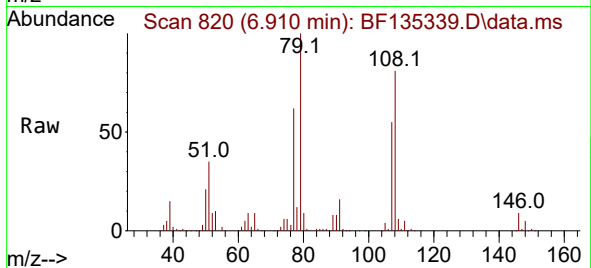
Tgt Ion:146 Resp: 399396
Ion Ratio Lower Upper
146 100
148 63.2 49.7 74.5
111 44.6 37.4 56.2





#15
Benzyl Alcohol
Concen: 41.836 ng m
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

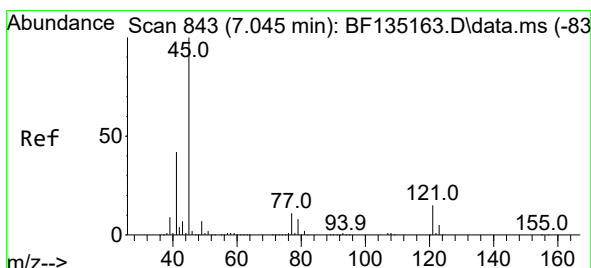
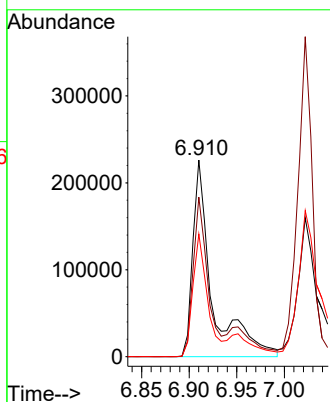
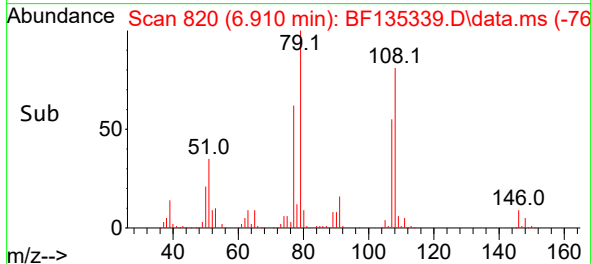
Instrument :
BNA_F
ClientSampleId :
PB155405BS



Tgt Ion: 79 Resp: 32341
Ion Ratio Lower Upper
79 100
108 81.1 61.2 91.8
77 62.4 50.5 75.7

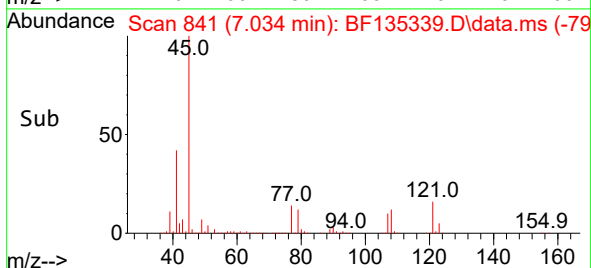
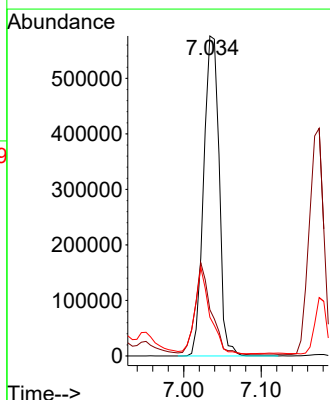
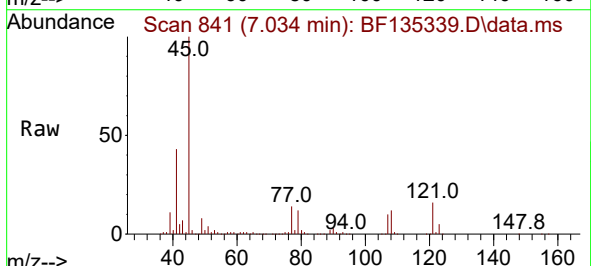
Manual Integrations
APPROVED

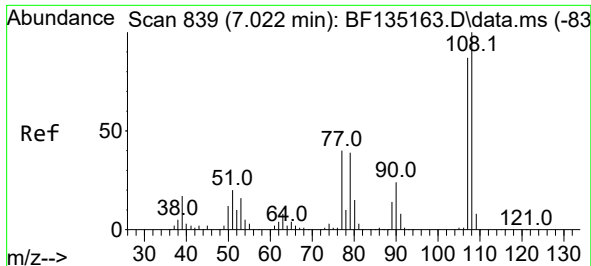
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.679 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

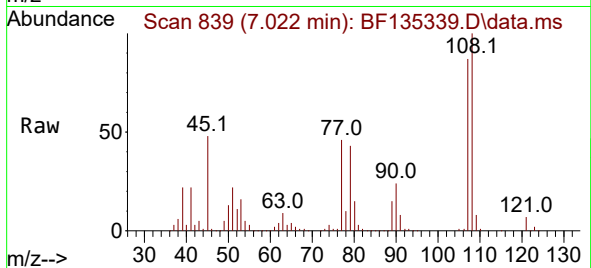
Tgt Ion: 45 Resp: 796346
Ion Ratio Lower Upper
45 100
77 14.4 0.0 30.6
79 12.1 0.0 28.3





#17
2-Methylphenol
Concen: 43.093 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

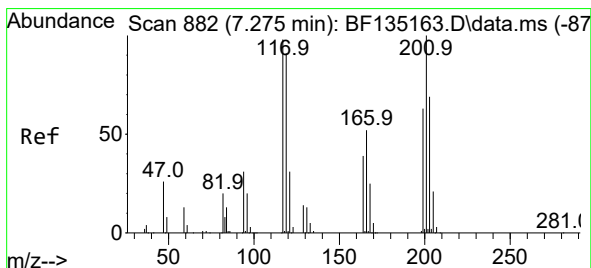
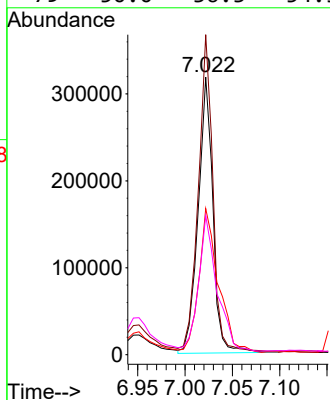
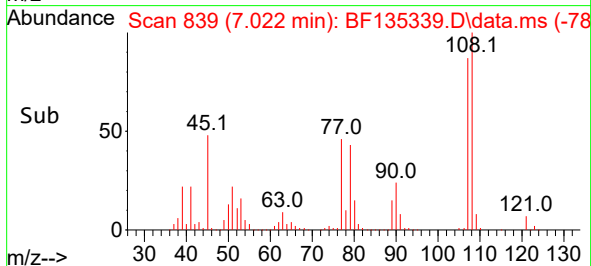
Instrument :
BNA_F
ClientSampleId :
PB155405BS



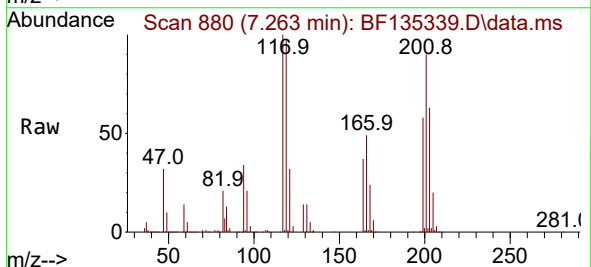
Tgt Ion:107 Resp: 343930
Ion Ratio Lower Upper
107 100
108 115.2 92.0 138.0
77 52.6 36.7 55.1
79 50.0 36.3 54.5

Manual Integrations
APPROVED

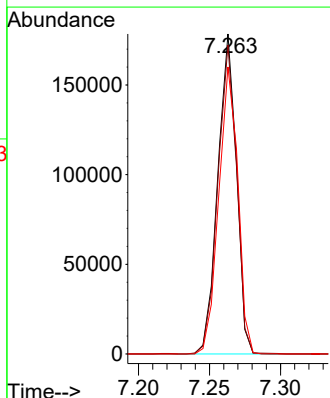
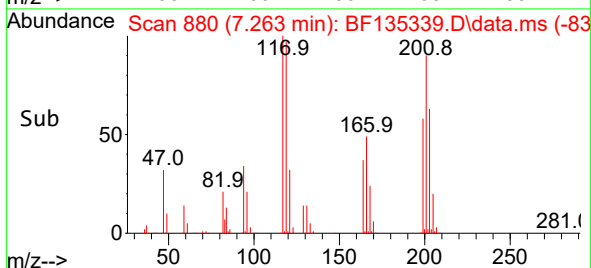
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

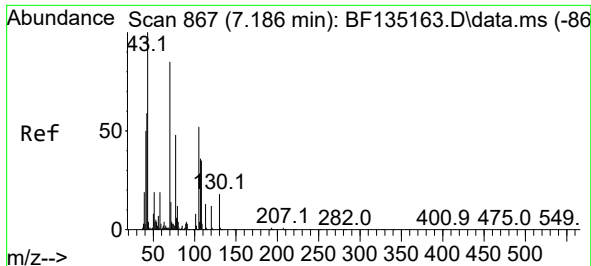


#18
Hexachloroethane
Concen: 47.062 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21



Tgt Ion:117 Resp: 162610
Ion Ratio Lower Upper
117 100
119 96.6 74.7 112.1
201 89.7 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 41.413 ng

RT: 7.181 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF135339.D

Acq: 19 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

PB155405BS

Tgt Ion: 70 Resp: 276338

Ion Ratio Lower Upper

70 100

42 73.9 55.4 83.0

101 9.7 7.7 11.5

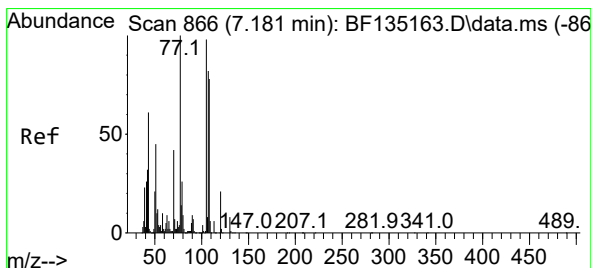
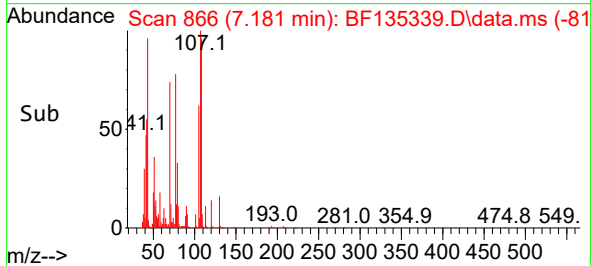
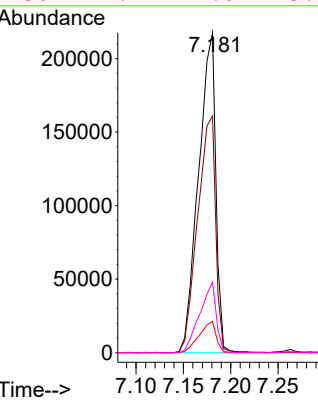
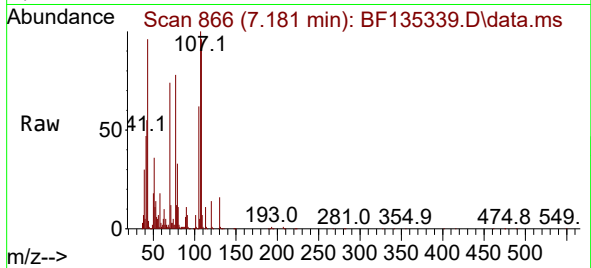
130 22.1 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#20

3+4-Methylphenols

Concen: 41.541 ng

RT: 7.175 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF135339.D

Acq: 19 Sep 2023 17:21

Tgt Ion:107 Resp: 398669

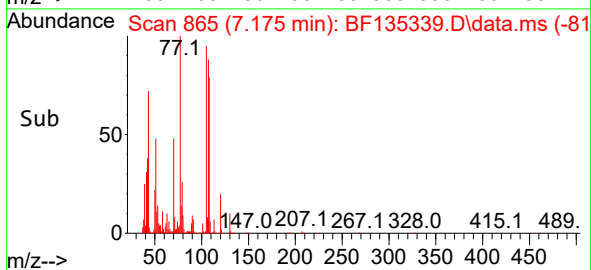
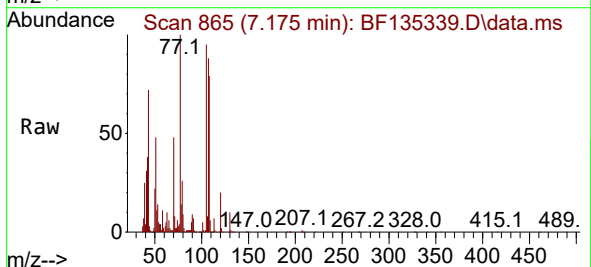
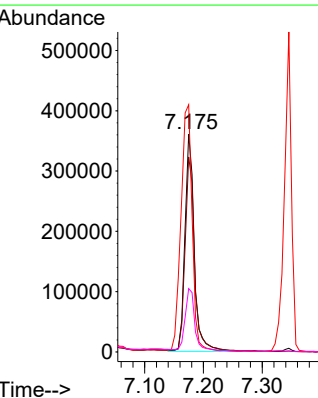
Ion Ratio Lower Upper

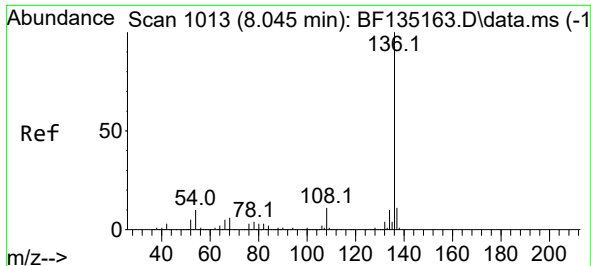
107 100

108 89.5 74.7 114.7

77 113.5 102.0 142.0

79 29.1 11.7 51.7





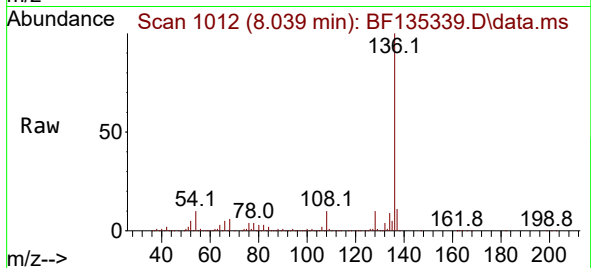
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

PB155405BS

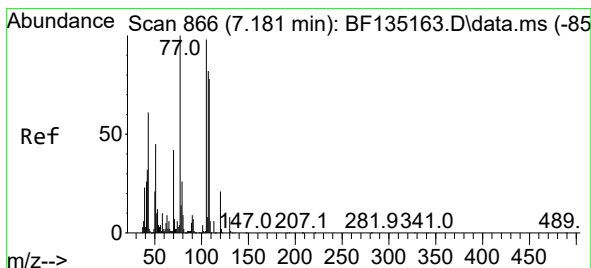
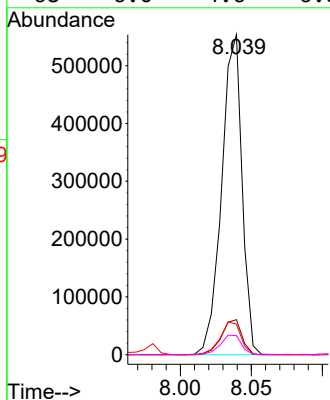
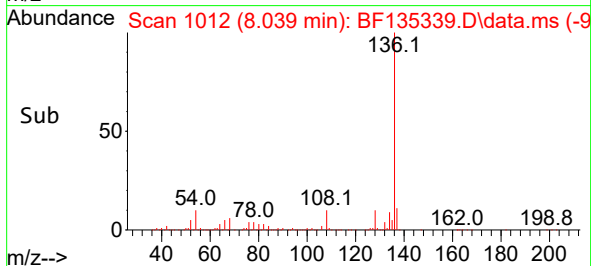


Tgt Ion:136 Resp: 552310
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.5 7.7 11.5
68 6.0 4.6 6.8

Manual Integrations

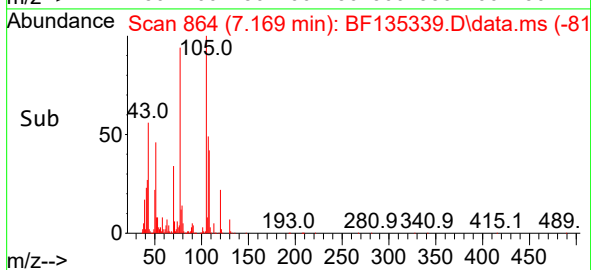
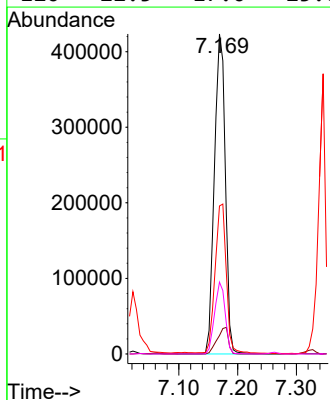
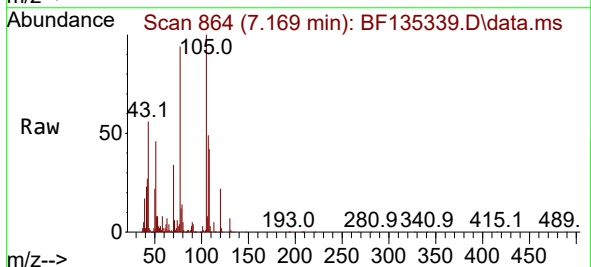
APPROVED

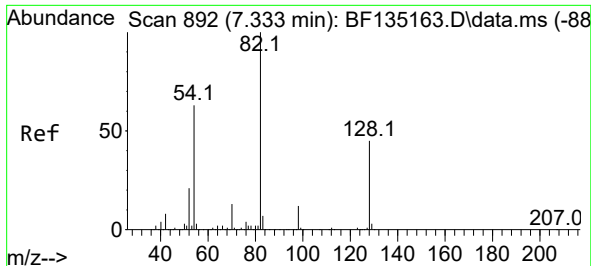
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#22
Acetophenone
Concen: 43.399 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Tgt Ion:105 Resp: 548011
Ion Ratio Lower Upper
105 100
71 5.7 5.8 8.6#
51 46.3 37.0 55.4
120 22.5 17.0 25.6





#23
Nitrobenzene-d5
Concen: 86.533 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Instrument :

BNA_F

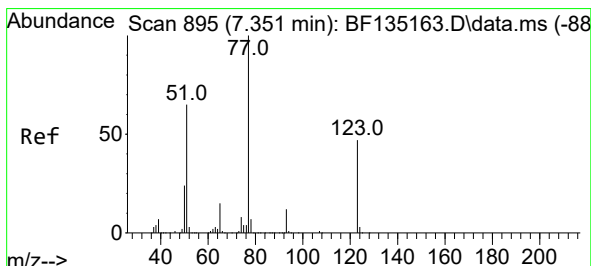
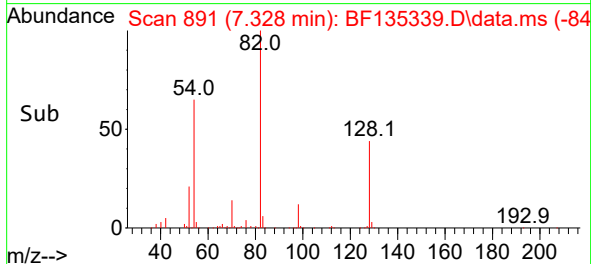
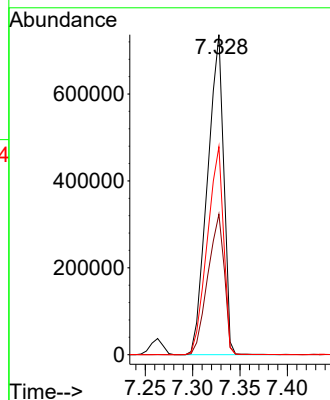
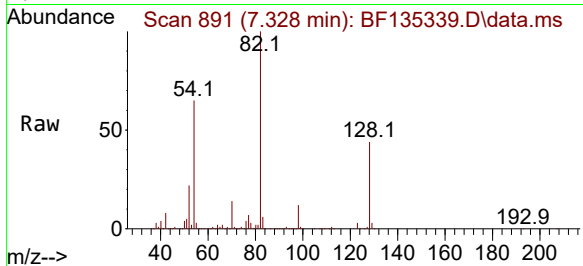
ClientSampleId :

PB155405BS

Tgt Ion: 82 Resp: 879699
Ion Ratio Lower Upper
82 100
128 43.9 35.8 53.6
54 65.0 50.6 76.0

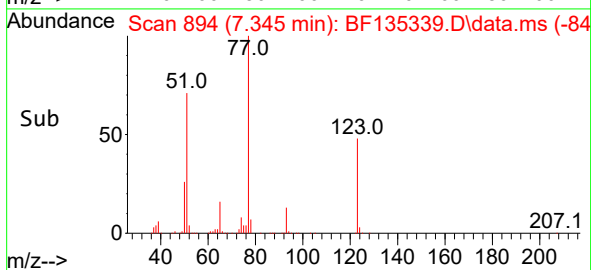
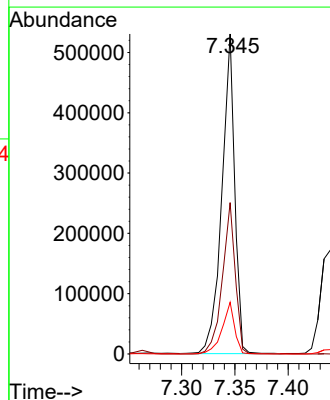
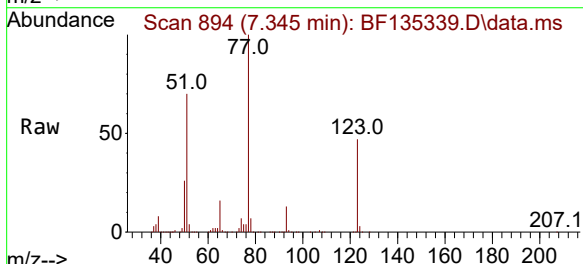
Manual Integrations
APPROVED

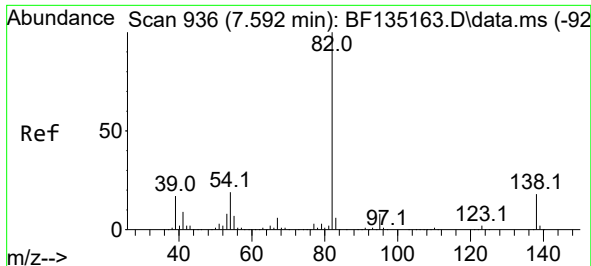
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#24
Nitrobenzene
Concen: 44.310 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Tgt Ion: 77 Resp: 445228
Ion Ratio Lower Upper
77 100
123 47.3 37.6 56.4
65 16.2 12.2 18.4





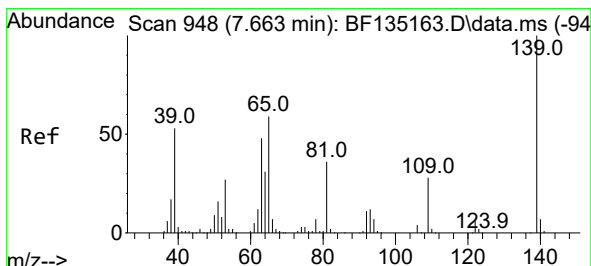
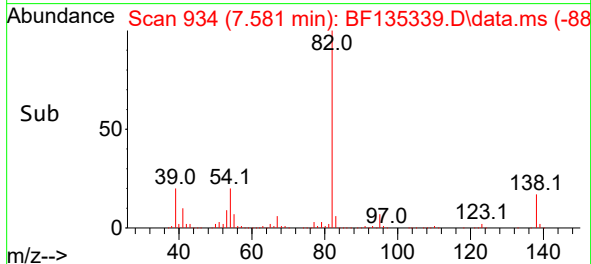
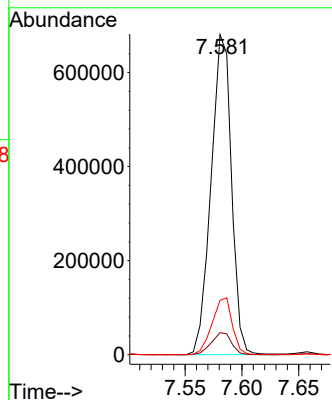
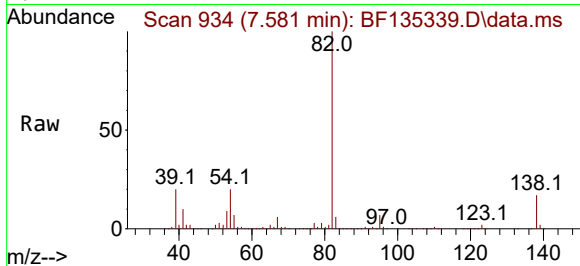
#25
Isophorone
Concen: 45.591 ng
RT: 7.581 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Instrument :
BNA_F
ClientSampleId :
PB155405BS

Tgt Ion: 82 Resp: 851074
Ion Ratio Lower Upper
82 100
95 6.9 6.0 9.0
138 17.0 14.5 21.7

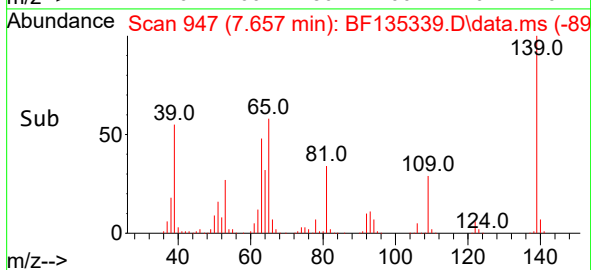
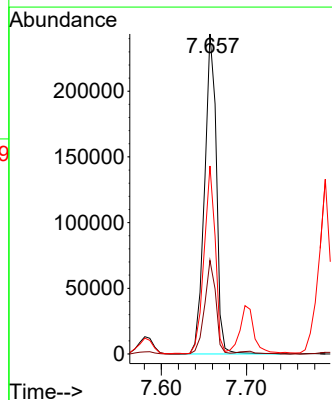
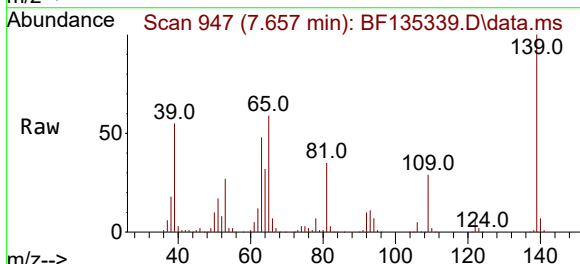
Manual Integrations
APPROVED

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



#26
2-Nitrophenol
Concen: 48.715 ng
RT: 7.657 min Scan# 947
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Tgt Ion:139 Resp: 234932
Ion Ratio Lower Upper
139 100
109 29.2 22.6 33.8
65 58.7 47.0 70.4





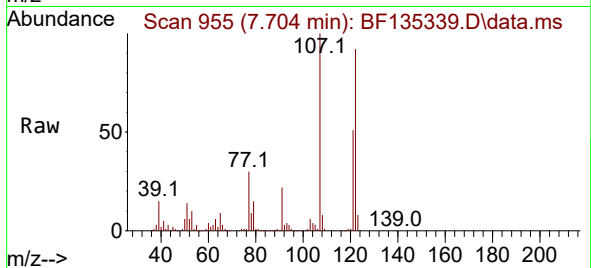
#27
2,4-Dimethylphenol
Concen: 48.781 ng
RT: 7.704 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

PB155405BS

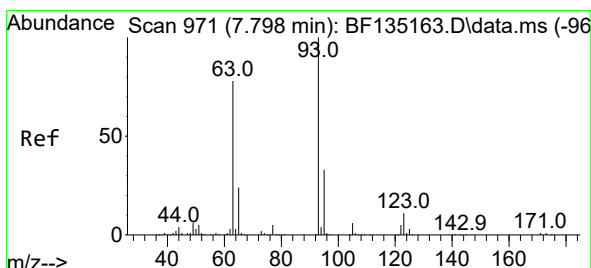
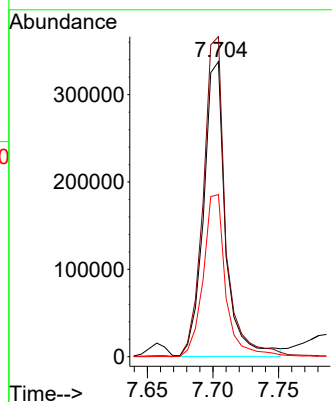
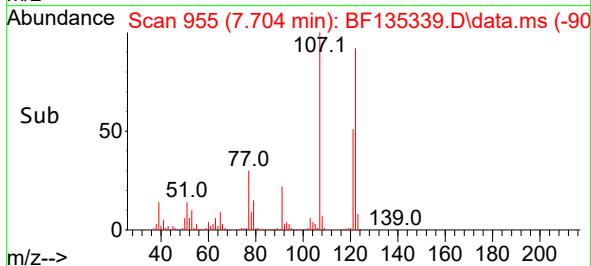


Tgt Ion:122 Resp: 39542
Ion Ratio Lower Upper
122 100
107 108.4 90.2 135.4
121 54.9 46.3 69.5

Manual Integrations

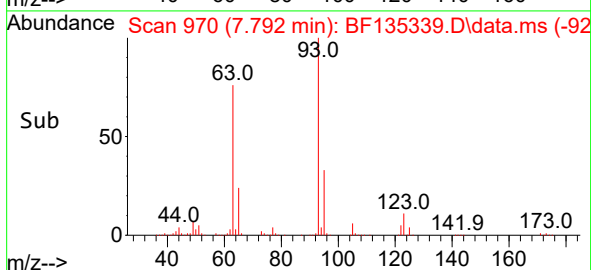
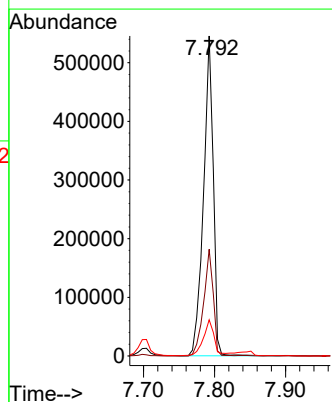
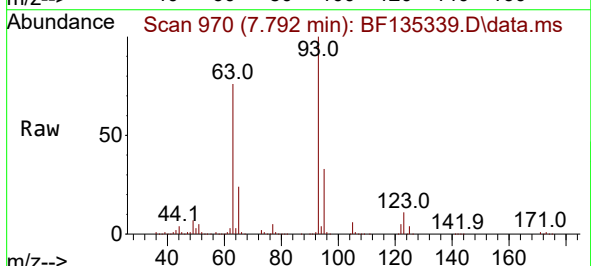
APPROVED

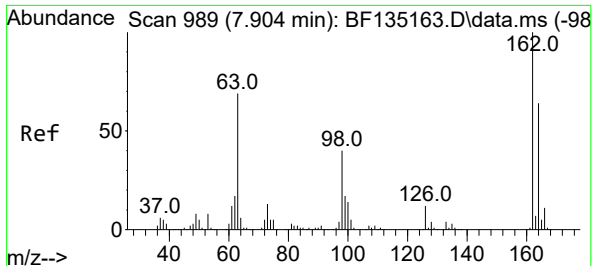
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#28
bis(2-Chloroethoxy)methane
Concen: 46.844 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Tgt Ion: 93 Resp: 523398
Ion Ratio Lower Upper
93 100
95 33.3 26.2 39.2
123 11.3 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 46.478 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF135339.D

Acq: 19 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

PB155405BS

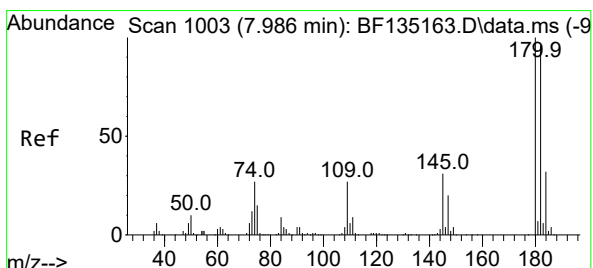
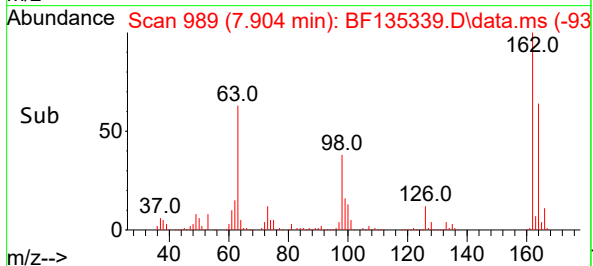
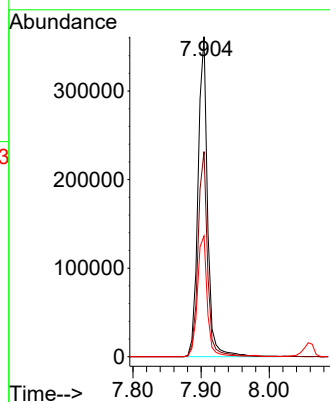
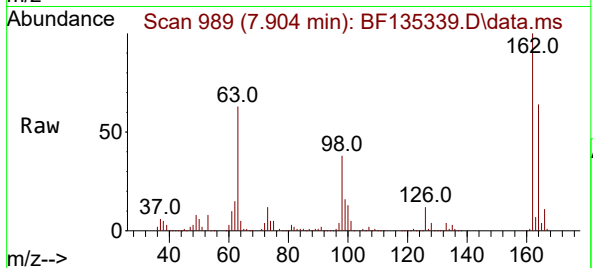
Tgt Ion:	162	Resp:	349110
Ion Ratio	Lower	Upper	
162	100		
164	64.1	44.1	84.1
98	37.7	20.3	60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#30

1,2,4-Trichlorobenzene

Concen: 45.726 ng

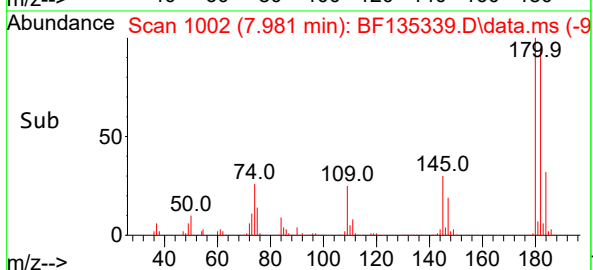
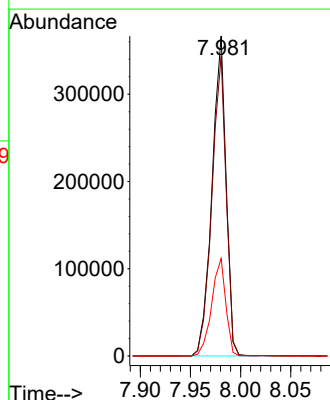
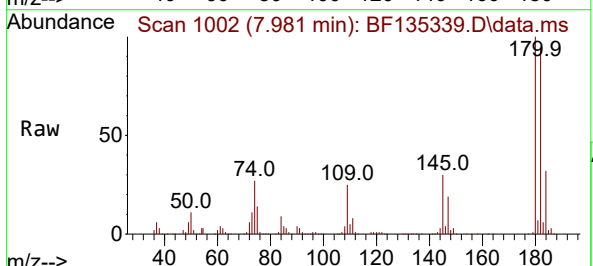
RT: 7.981 min Scan# 1002

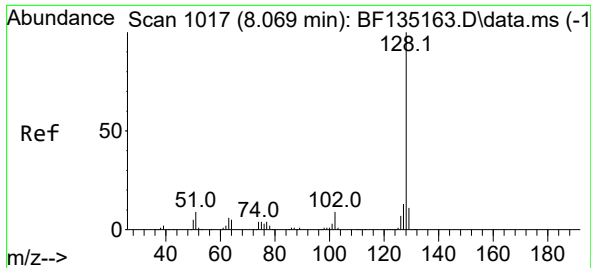
Delta R.T. -0.006 min

Lab File: BF135339.D

Acq: 19 Sep 2023 17:21

Tgt Ion:	180	Resp:	358993
Ion Ratio	Lower	Upper	
180	100		
182	93.6	76.9	115.3
145	30.5	24.5	36.7





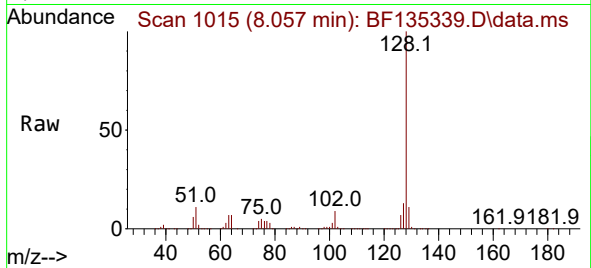
#31
Naphthalene
Concen: 44.079 ng
RT: 8.057 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

PB155405BS

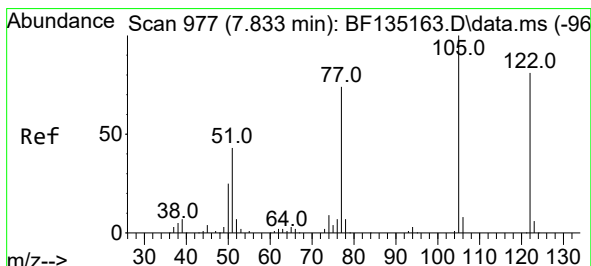
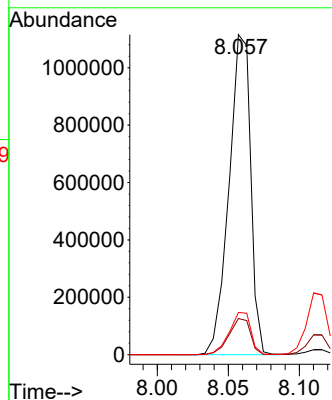
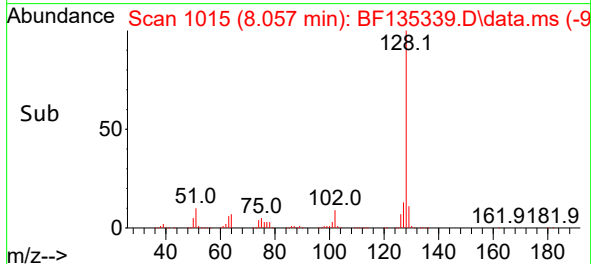


Tgt Ion:128 Resp: 1182869
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.2 10.7 16.1

Manual Integrations

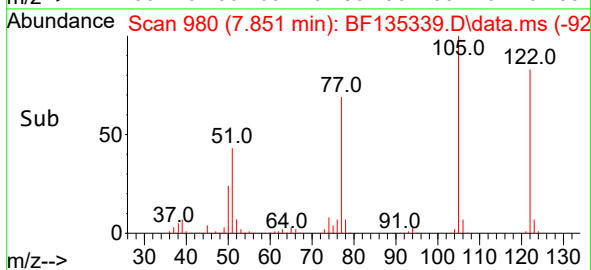
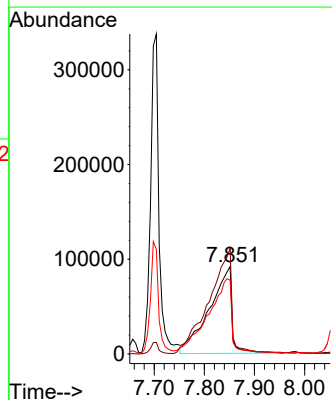
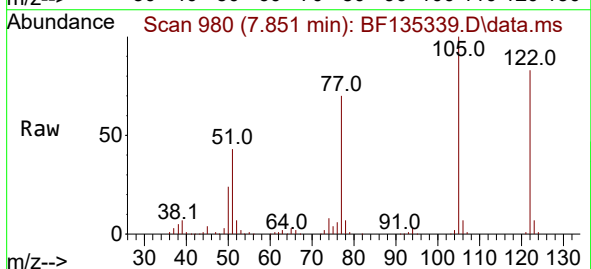
APPROVED

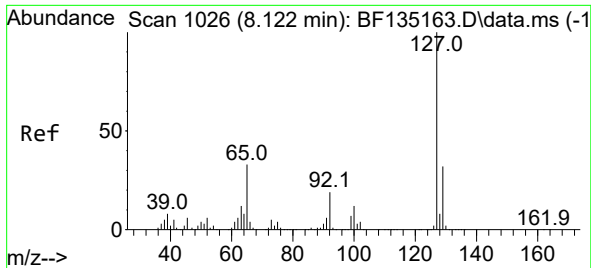
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#32
Benzoic acid
Concen: 46.869 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.018 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Tgt Ion:122 Resp: 286088
Ion Ratio Lower Upper
122 100
105 121.0 99.9 139.9
77 84.5 70.0 110.0





#33
4-Chloroaniline
Concen: 20.243 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Instrument :

BNA_F

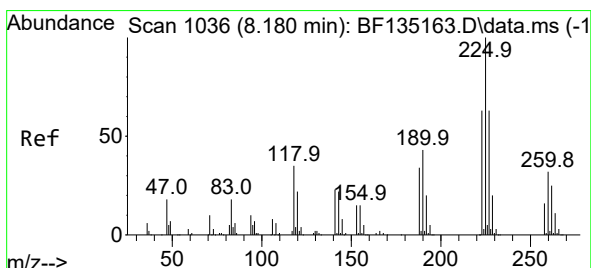
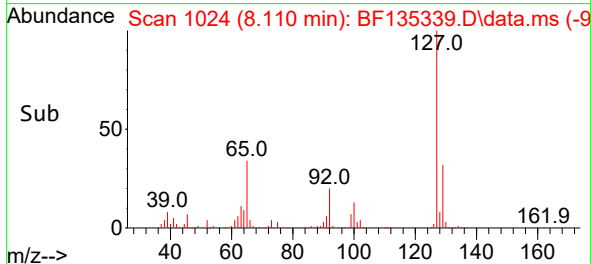
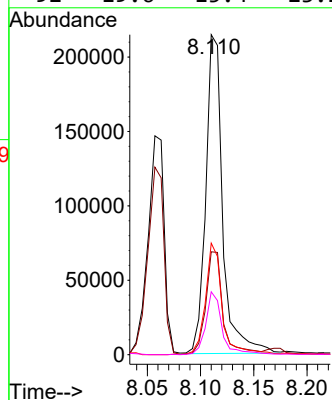
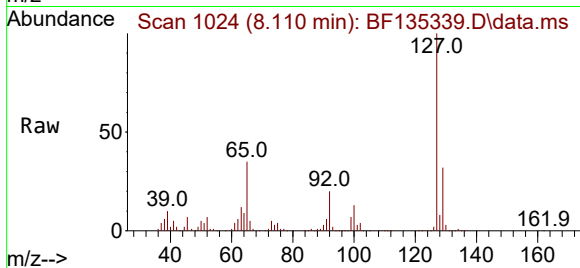
ClientSampleId :

PB155405BS

Tgt Ion:127 Resp: 238338
Ion Ratio Lower Upper
127 100
129 32.2 25.8 38.8
65 34.9 26.6 39.8
92 19.6 15.4 23.2

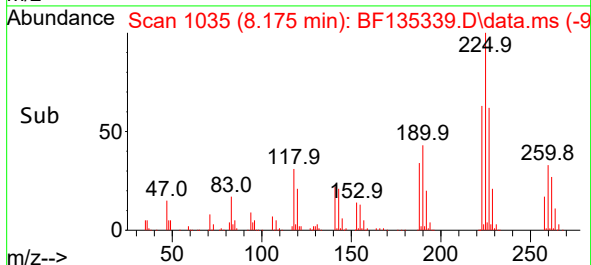
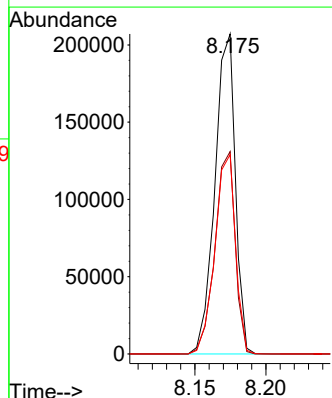
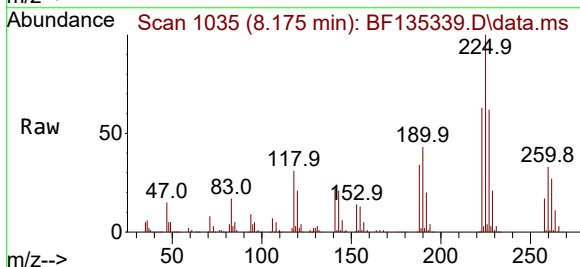
Manual Integrations
APPROVED

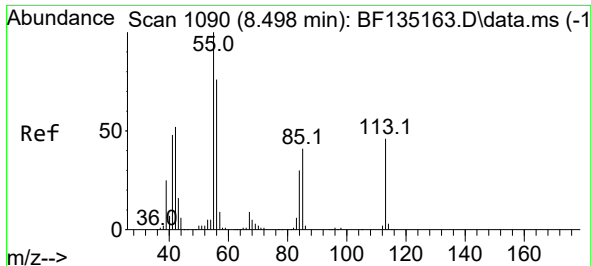
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#34
Hexachlorobutadiene
Concen: 43.722 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

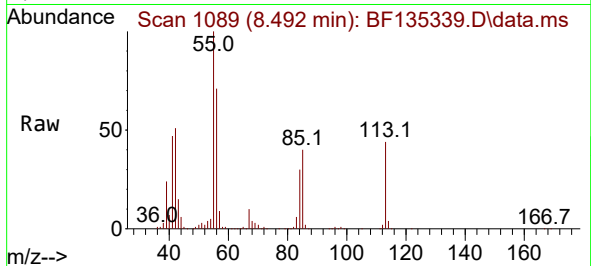
Tgt Ion:225 Resp: 206979
Ion Ratio Lower Upper
225 100
223 63.2 50.6 75.8
227 62.3 50.8 76.2





#35
Caprolactam
Concen: 51.317 ng m
RT: 8.492 min Scan# 1090
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

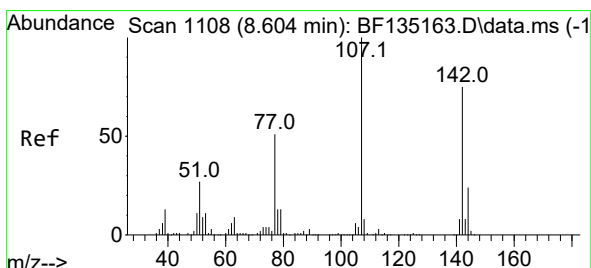
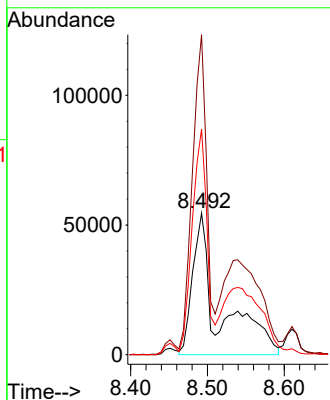
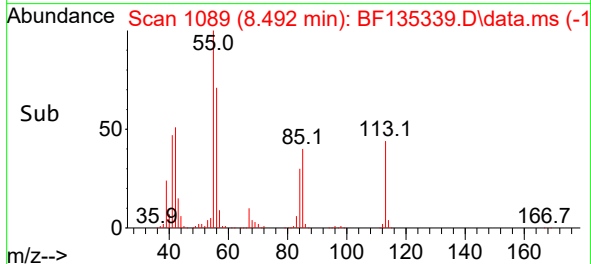
Instrument :
BNA_F
ClientSampleId :
PB155405BS



Tgt Ion:113 Resp: 129360
Ion Ratio Lower Upper
113 100
55 226.1 199.3 239.3
56 159.4 146.3 186.3

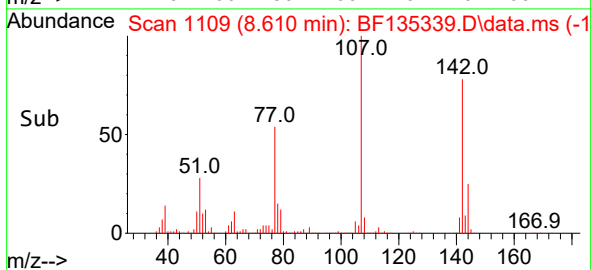
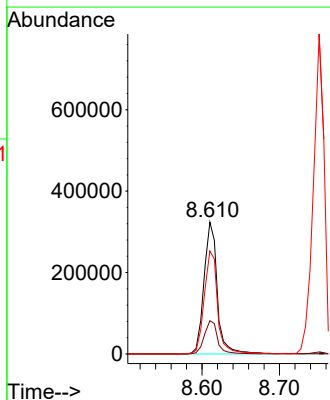
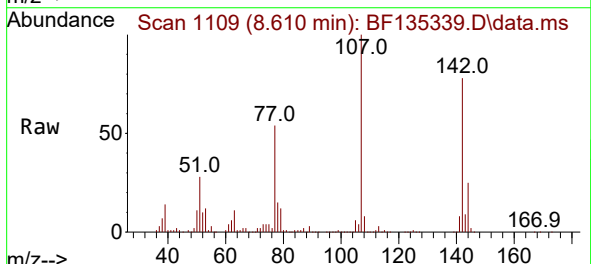
Manual Integrations
APPROVED

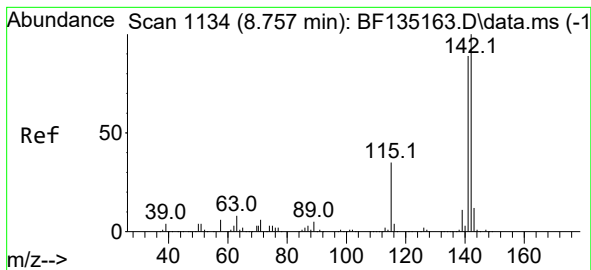
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#36
4-Chloro-3-methylphenol
Concen: 46.331 ng
RT: 8.610 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Tgt Ion:107 Resp: 386776
Ion Ratio Lower Upper
107 100
144 25.3 19.0 28.4
142 78.2 60.2 90.2





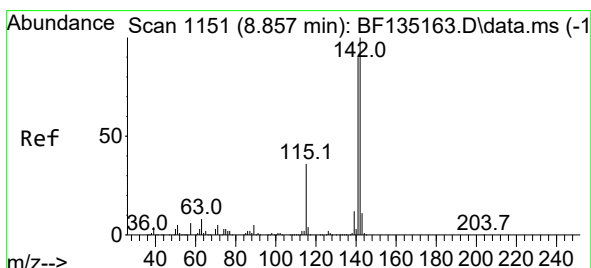
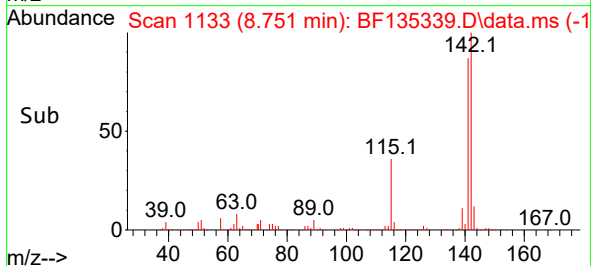
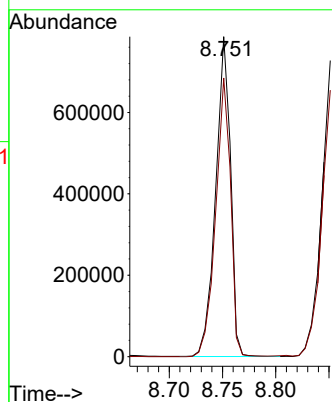
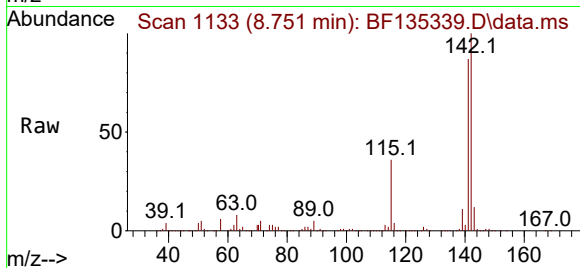
#37
2-Methylnaphthalene
Concen: 42.222 ng
RT: 8.751 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Instrument :
BNA_F
ClientSampleId :
PB155405BS

Tgt Ion:142 Resp: 761638
Ion Ratio Lower Upper
142 100
141 87.1 71.0 106.6

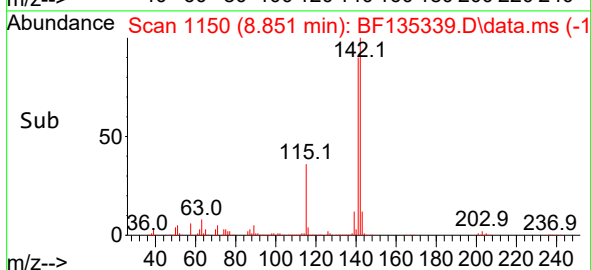
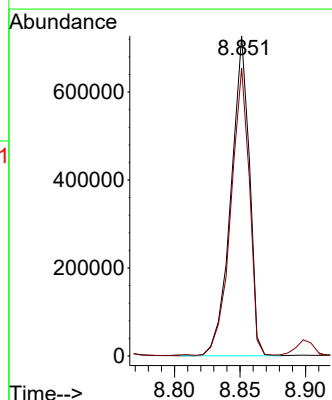
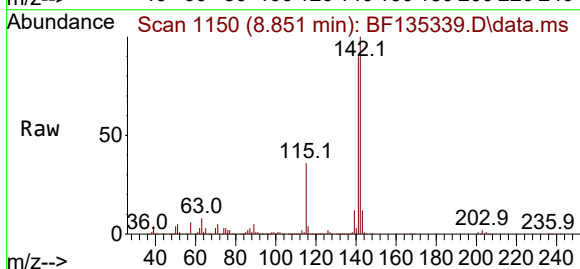
Manual Integrations
APPROVED

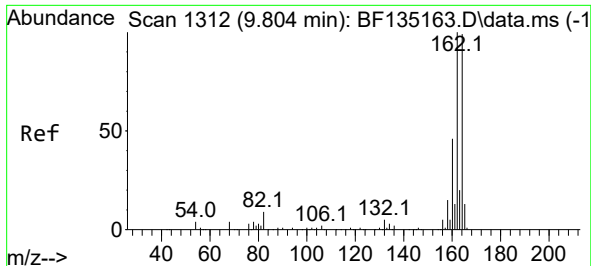
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#38
1-Methylnaphthalene
Concen: 42.007 ng
RT: 8.851 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Tgt Ion:142 Resp: 709441
Ion Ratio Lower Upper
142 100
141 90.0 72.4 108.6





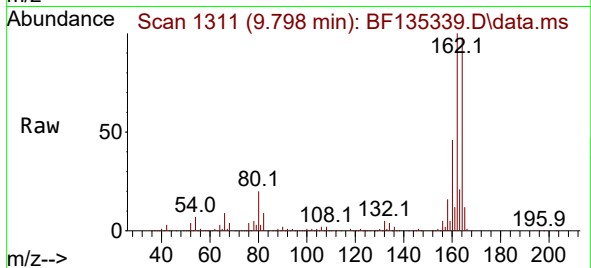
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

PB155405BS

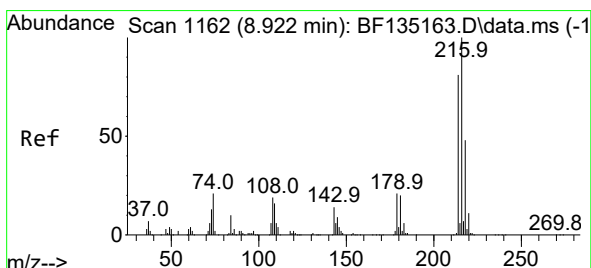
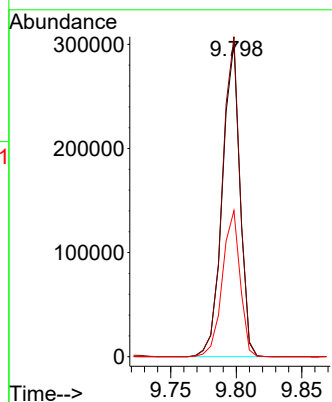
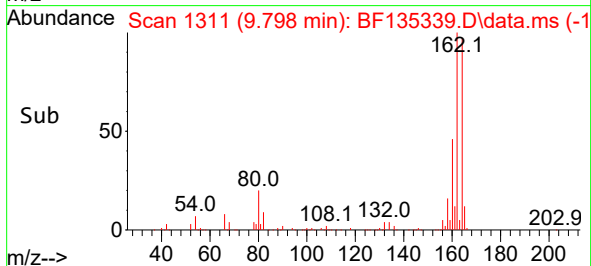


Tgt Ion:164 Resp: 279025
Ion Ratio Lower Upper
164 100
162 101.9 81.0 121.4
160 46.5 37.0 55.4

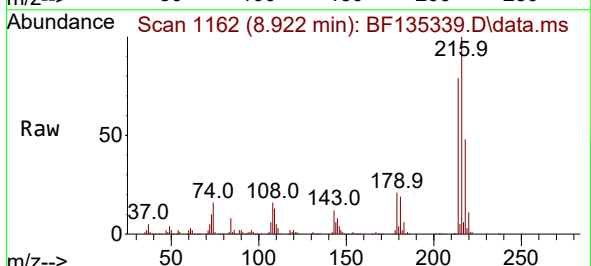
Manual Integrations

APPROVED

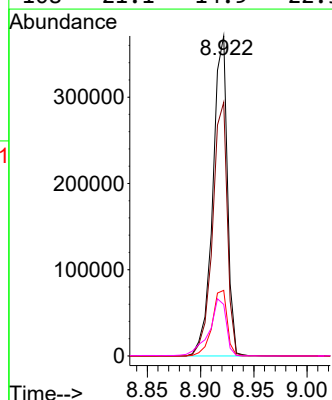
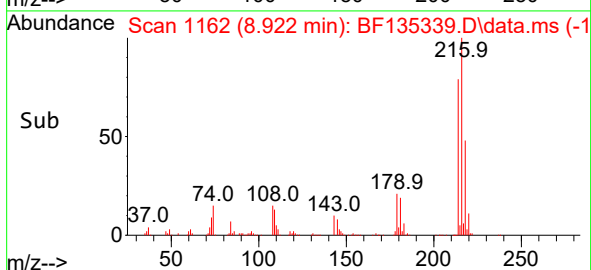
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

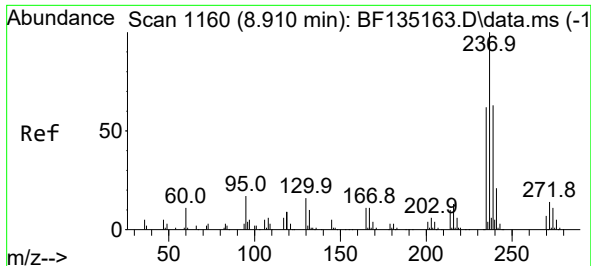


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.569 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21



Tgt Ion:216 Resp: 352197
Ion Ratio Lower Upper
216 100
214 80.2 63.7 95.5
179 21.0 16.7 25.1
108 21.1 14.9 22.3





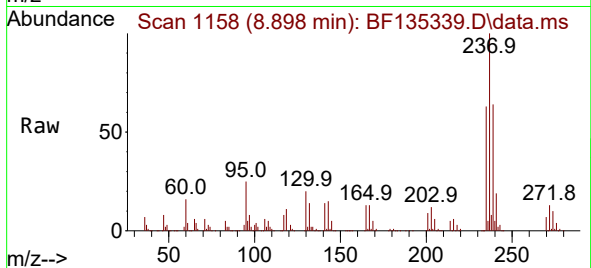
#41
Hexachlorocyclopentadiene
Concen: 74.846 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.012 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

PB155405BS

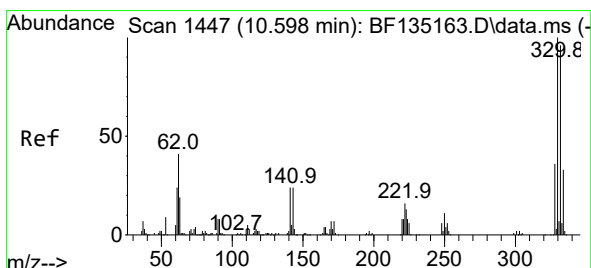
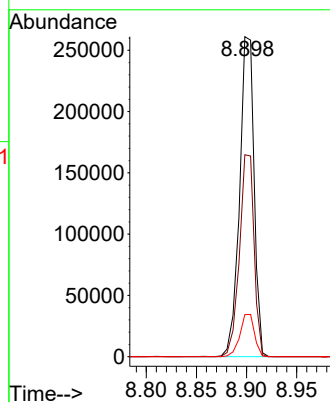
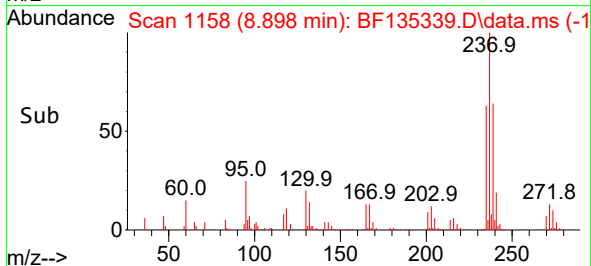


Tgt Ion:237 Resp: 264724
Ion Ratio Lower Upper
237 100
235 63.1 41.8 81.8
272 13.2 0.0 33.6

Manual Integrations

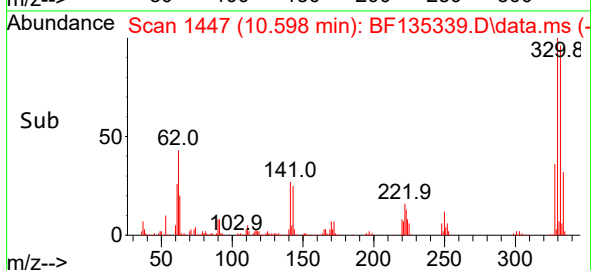
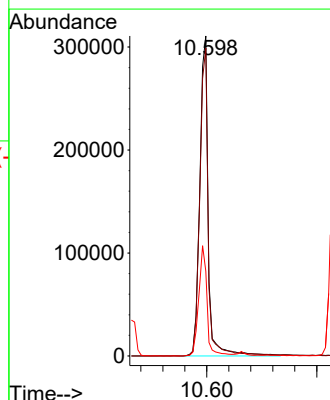
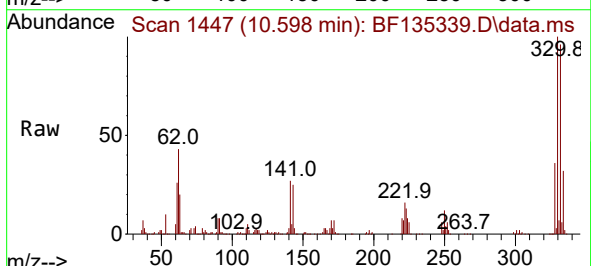
APPROVED

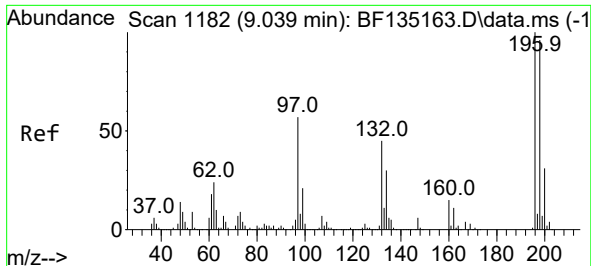
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#42
2,4,6-Tribromophenol
Concen: 120.374 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Tgt Ion:330 Resp: 333778
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 33.5 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 44.345 ng

RT: 9.039 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF135339.D

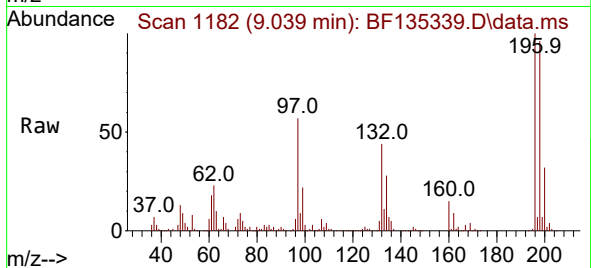
Acq: 19 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

PB155405BS



Tgt Ion:196 Resp: 234702

Ion Ratio Lower Upper

196 100

198 95.9 77.0 115.6

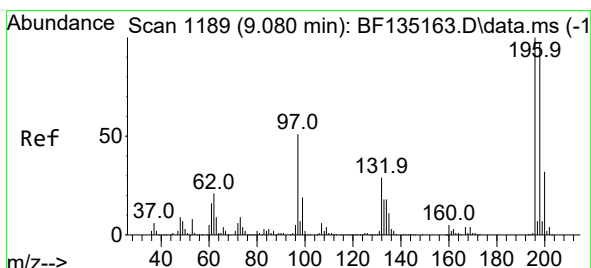
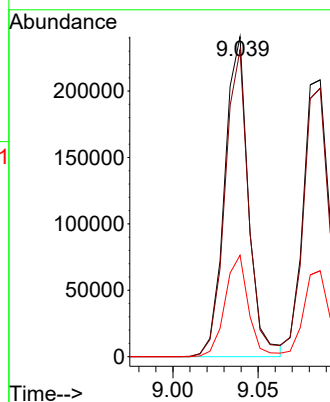
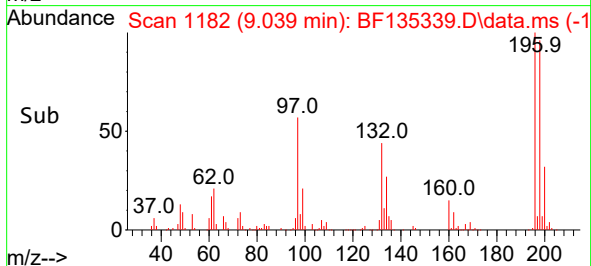
200 31.7 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#44

2,4,5-Trichlorophenol

Concen: 44.802 ng

RT: 9.086 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BF135339.D

Acq: 19 Sep 2023 17:21

Tgt Ion:196 Resp: 273075

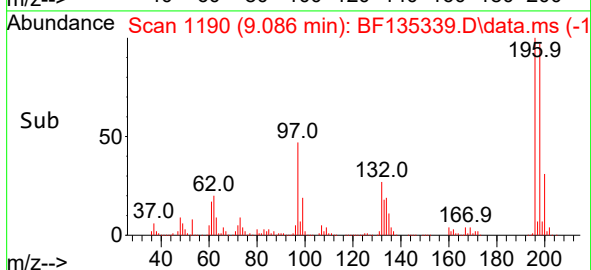
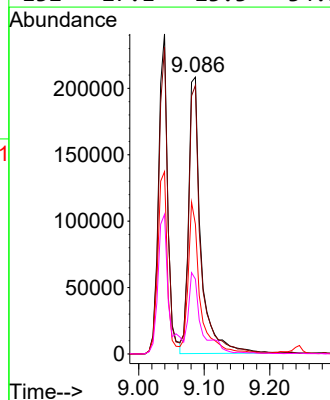
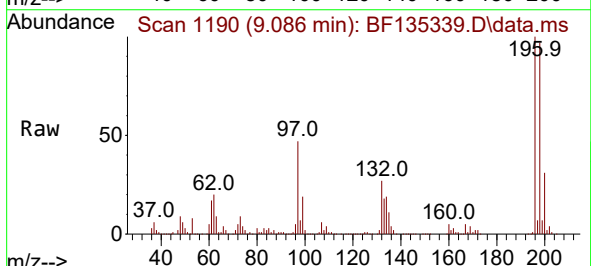
Ion Ratio Lower Upper

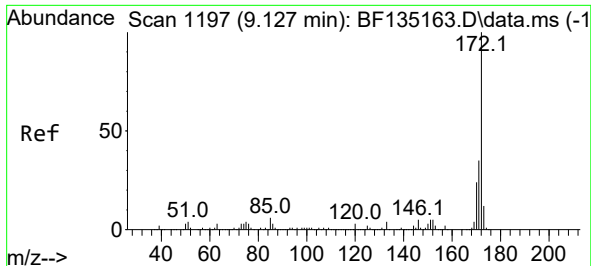
196 100

198 97.0 77.5 116.3

97 46.9 40.5 60.7

132 27.1 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 80.027 ng

RT: 9.122 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF135339.D

Acq: 19 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

PB155405BS

Tgt Ion:172 Resp: 148003

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

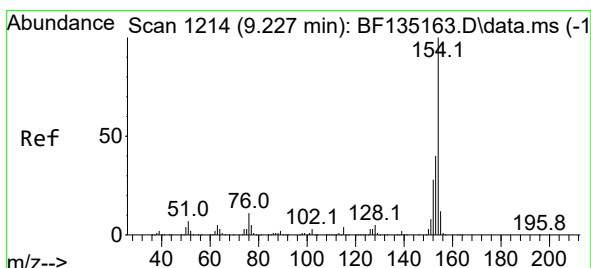
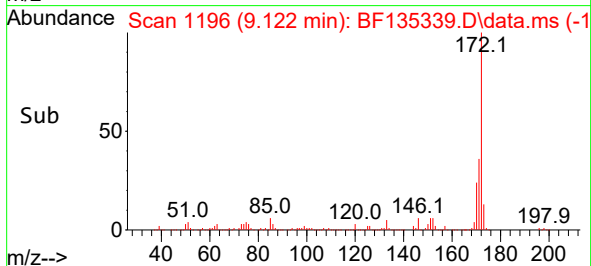
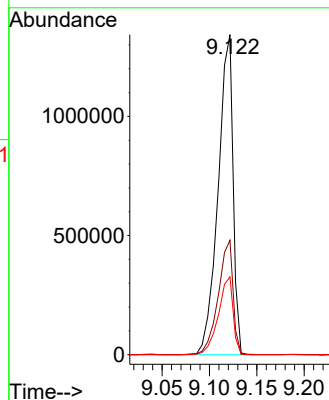
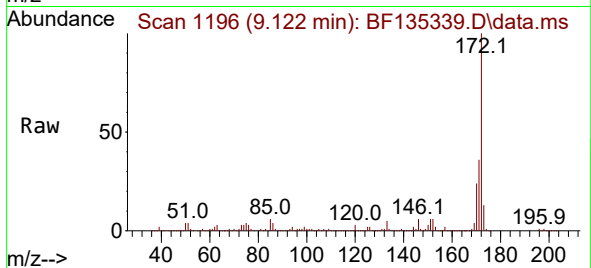
170 24.4 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#46

1,1'-Biphenyl

Concen: 43.862 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF135339.D

Acq: 19 Sep 2023 17:21

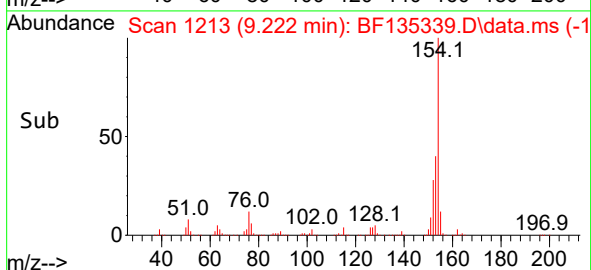
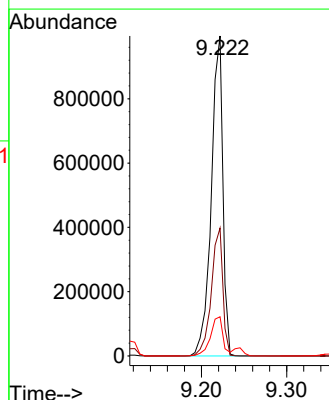
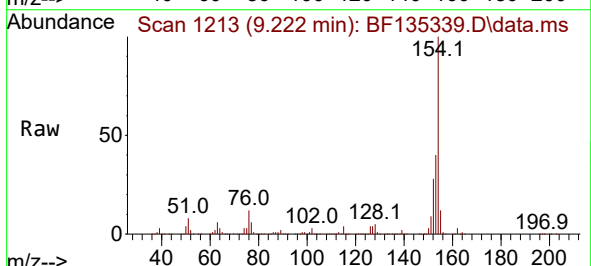
Tgt Ion:154 Resp: 940524

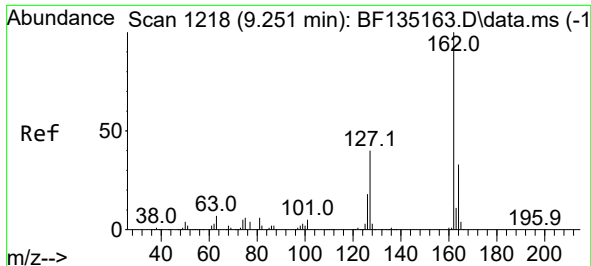
Ion Ratio Lower Upper

154 100

153 39.9 19.6 59.6

76 12.2 0.0 31.0





#47

2-Chloronaphthalene

Concen: 45.627 ng

RT: 9.245 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135339.D

Acq: 19 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

PB155405BS

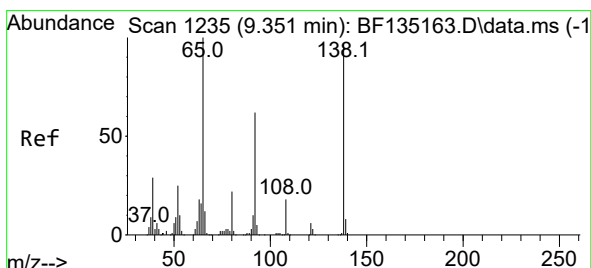
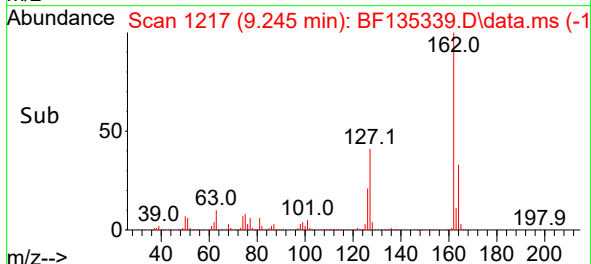
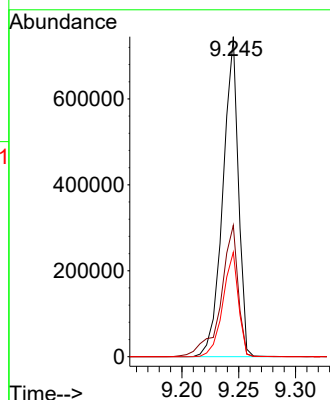
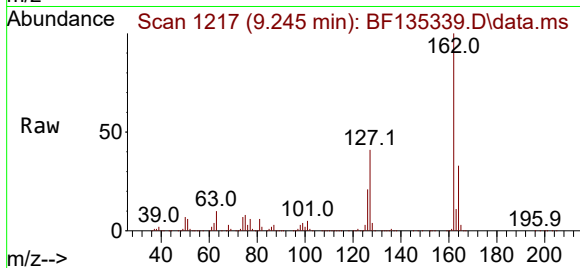
Tgt Ion:	162	Resp:	709860
Ion Ratio	Lower	Upper	
162	100		
127	41.1	32.6	48.8
164	32.6	26.2	39.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#48

2-Nitroaniline

Concen: 48.141 ng

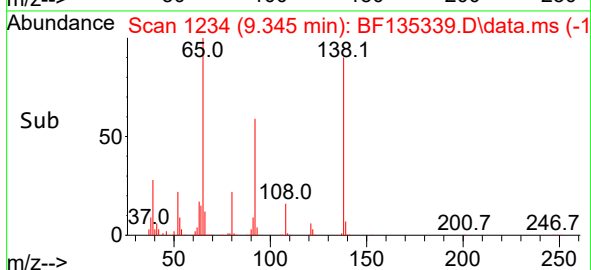
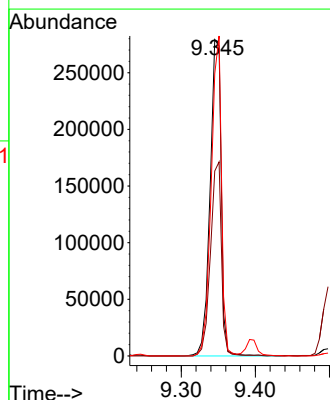
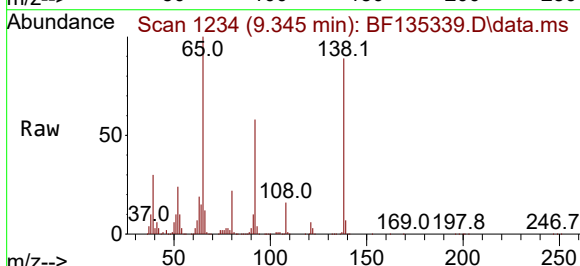
RT: 9.345 min Scan# 1234

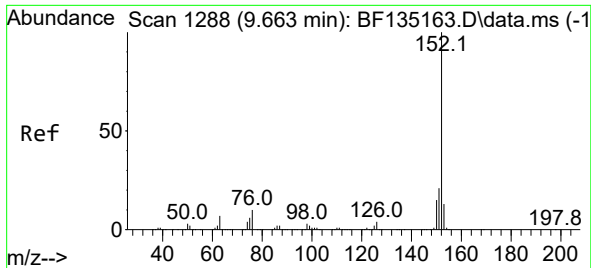
Delta R.T. -0.006 min

Lab File: BF135339.D

Acq: 19 Sep 2023 17:21

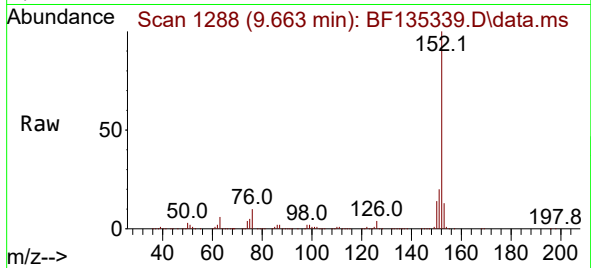
Tgt Ion:	65	Resp:	290974
Ion Ratio	Lower	Upper	
65	100		
92	58.5	49.4	74.0
138	89.3	77.4	116.0





#49
Acenaphthylene
Concen: 42.821 ng
RT: 9.663 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

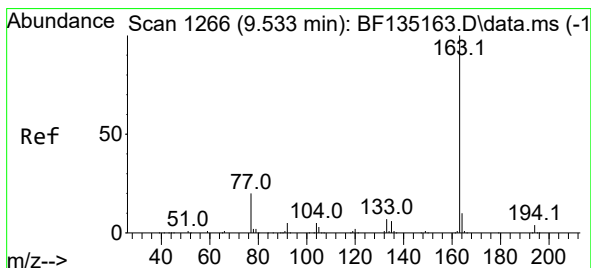
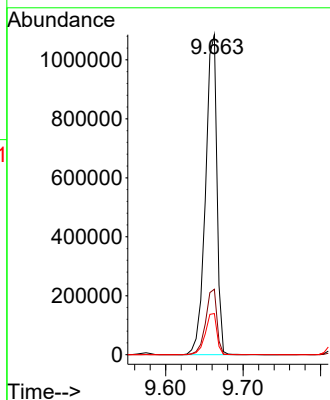
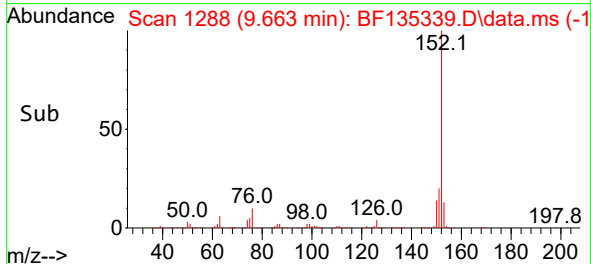
Instrument :
BNA_F
ClientSampleId :
PB155405BS



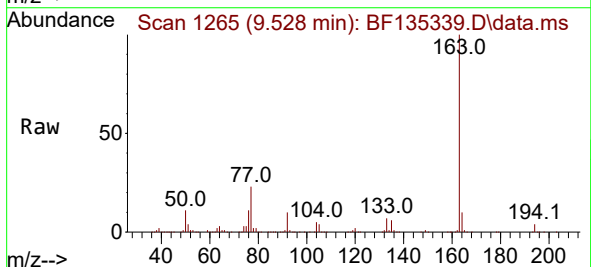
Tgt Ion:152 Resp: 110717
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 12.9 10.4 15.6

Manual Integrations
APPROVED

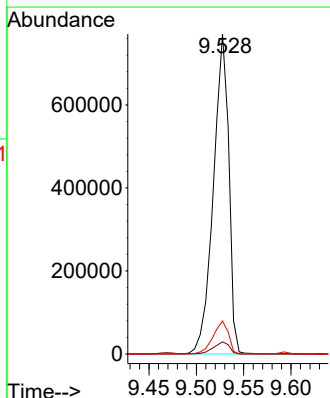
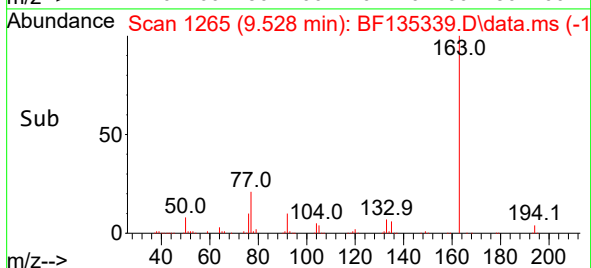
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

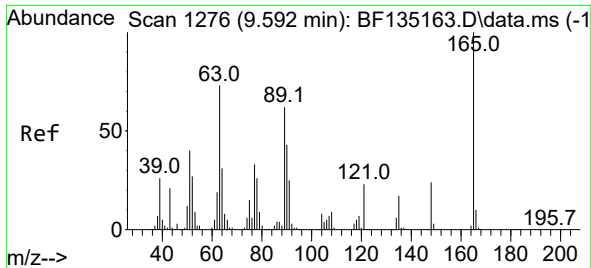


#50
Dimethylphthalate
Concen: 46.241 ng
RT: 9.528 min Scan# 1265
Delta R.T. -0.005 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21



Tgt Ion:163 Resp: 872328
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.3 8.1 12.1





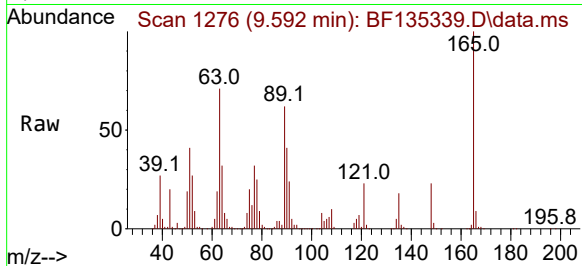
#51
2,6-Dinitrotoluene
Concen: 45.721 ng
RT: 9.592 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

PB155405BS

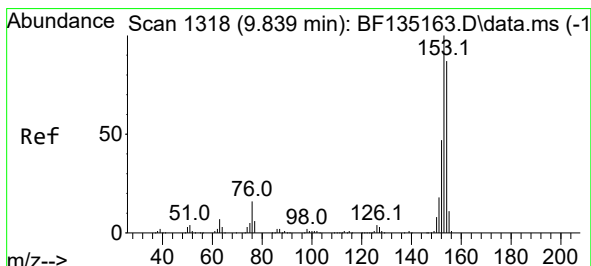
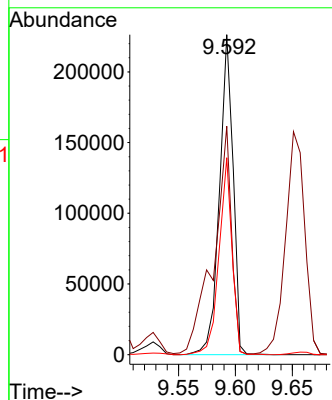
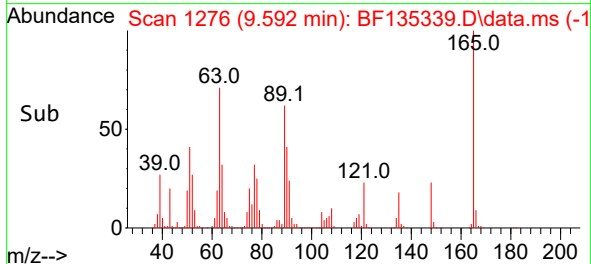


Tgt Ion:165 Resp: 188949
Ion Ratio Lower Upper
165 100
63 71.4 59.4 89.2
89 61.6 49.8 74.8

Manual Integrations

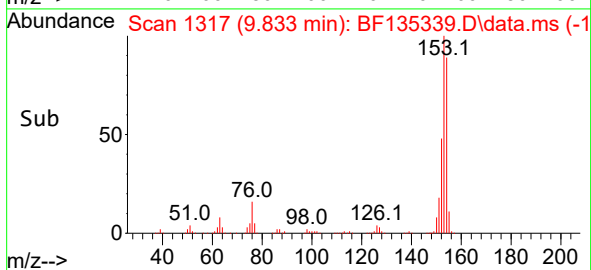
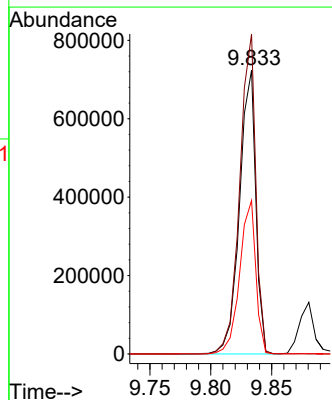
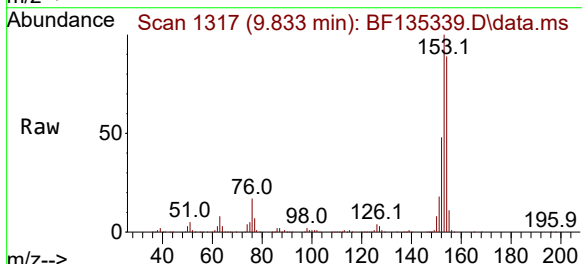
APPROVED

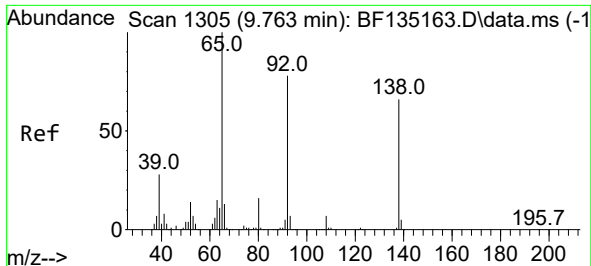
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#52
Acenaphthene
Concen: 44.124 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Tgt Ion:154 Resp: 673965
Ion Ratio Lower Upper
154 100
153 112.7 92.1 138.1
152 54.0 43.1 64.7





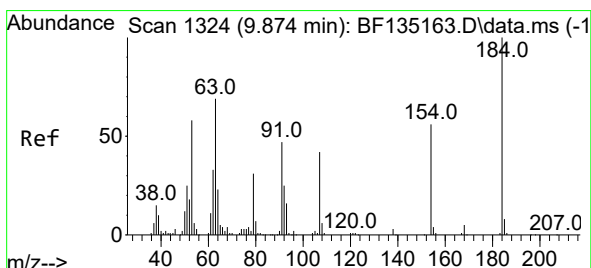
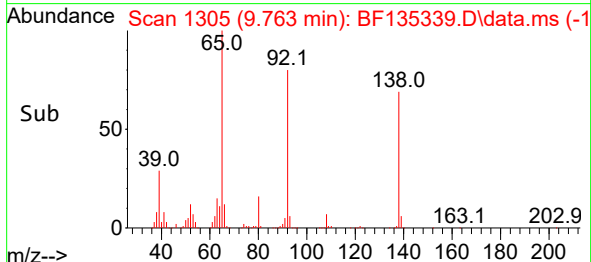
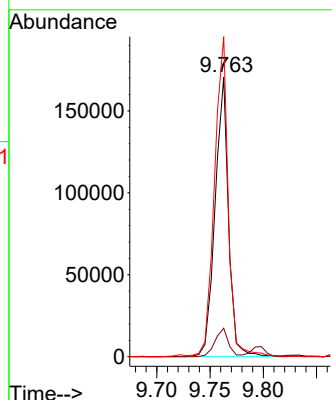
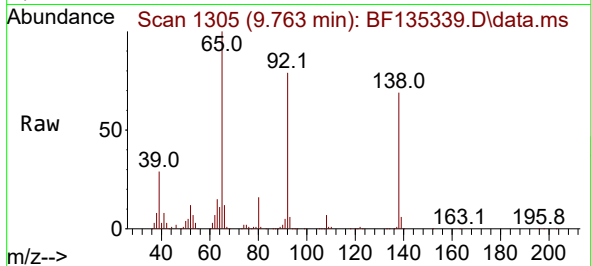
#53
3-Nitroaniline
Concen: 31.004 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Instrument :
BNA_F
ClientSampleId :
PB155405BS

Tgt Ion:138 Resp: 150400
Ion Ratio Lower Upper
138 100
108 10.2 8.5 12.7
92 114.4 95.4 143.0

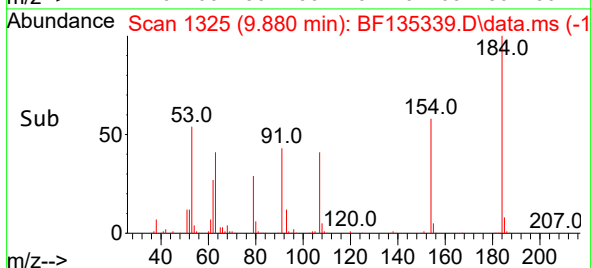
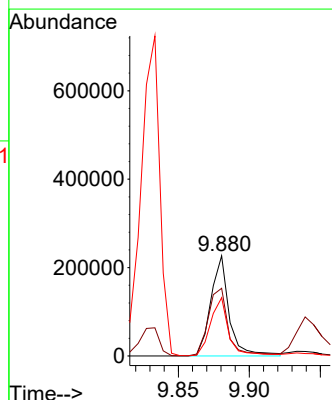
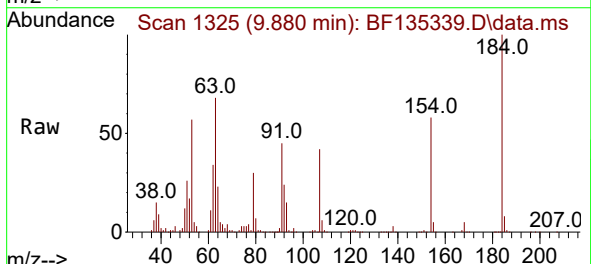
Manual Integrations
APPROVED

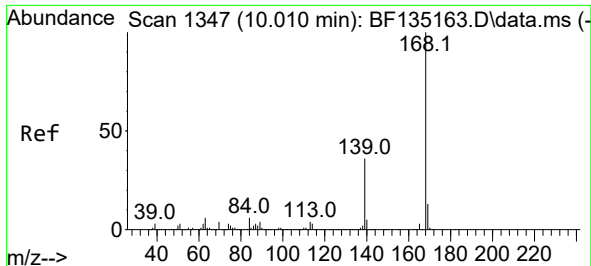
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#54
2,4-Dinitrophenol
Concen: 86.091 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Tgt Ion:184 Resp: 203189
Ion Ratio Lower Upper
184 100
63 67.6 55.1 82.7
154 58.2 48.4 72.6





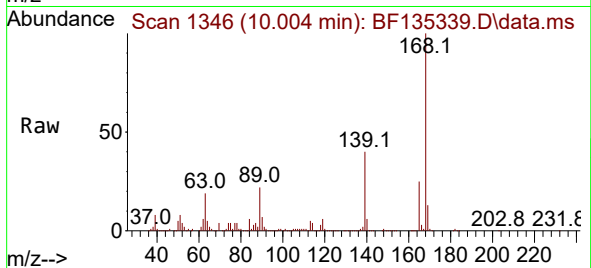
#55
Dibenzenofuran
Concen: 40.902 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

PB155405BS



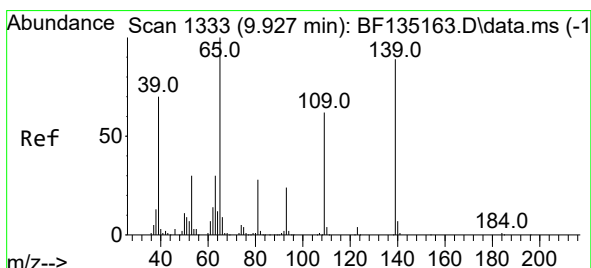
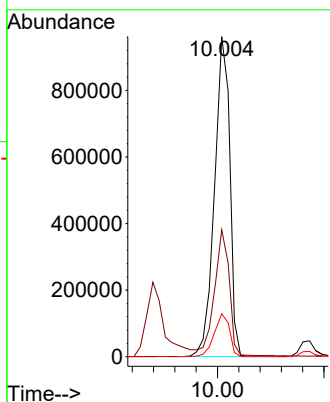
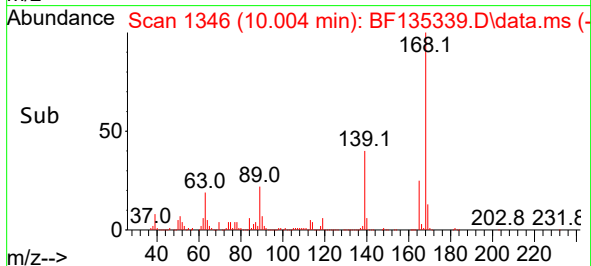
Tgt Ion:168 Resp: 953352
Ion Ratio Lower Upper
168 100
139 39.6 29.0 43.6
169 13.4 10.4 15.6

Manual Integrations

APPROVED

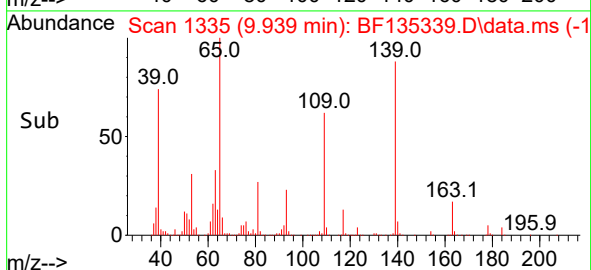
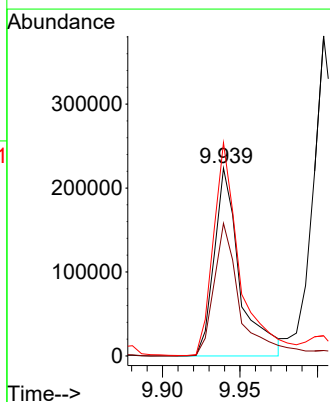
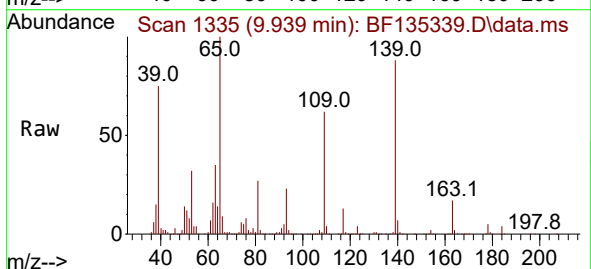
Reviewed By :Yogesh Patel 09/20/2023

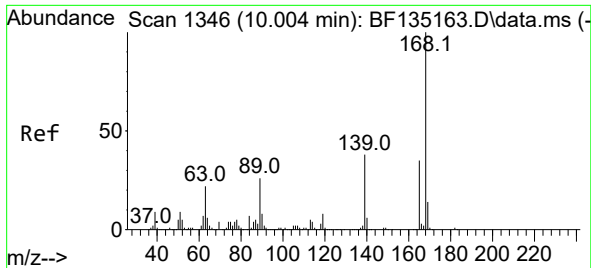
Supervised By :mohammad ahmed 09/20/2023



#56
4-Nitrophenol
Concen: 83.324 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Tgt Ion:139 Resp: 256896
Ion Ratio Lower Upper
139 100
109 70.6 49.8 89.8
65 113.5 92.7 132.7





#57
2,4-Dinitrotoluene
Concen: 42.804 ng
RT: 10.004 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

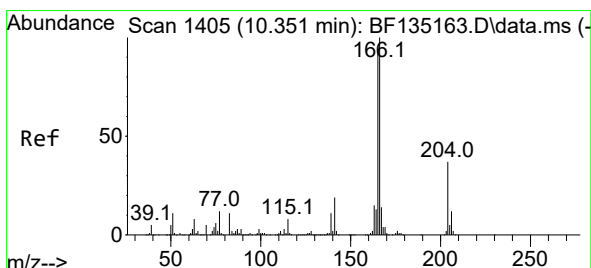
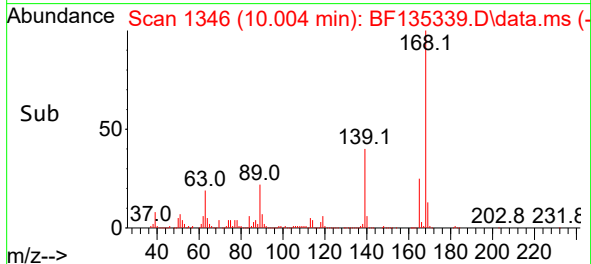
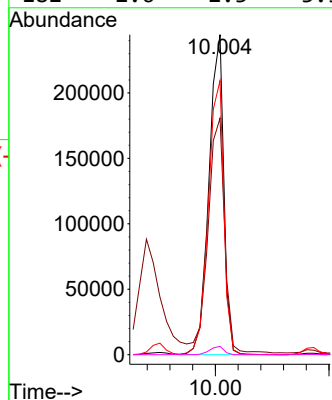
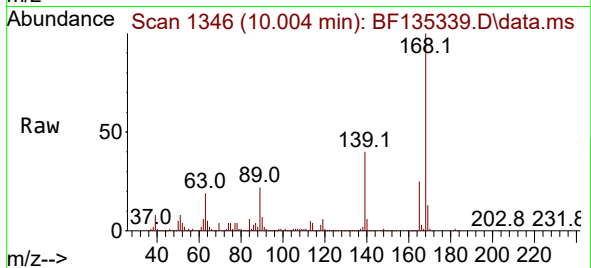
PB155405BS

Tgt Ion:165 Resp: 221450
Ion Ratio Lower Upper
165 100
63 73.9 50.1 75.1
89 85.6 59.3 88.9
182 2.6 2.3 3.5

Manual Integrations

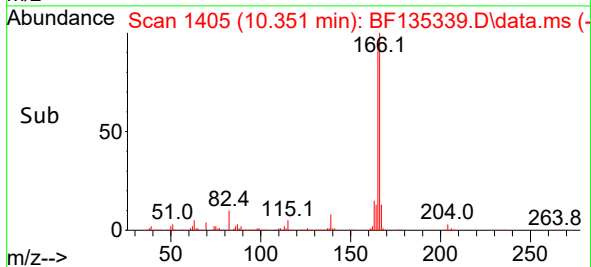
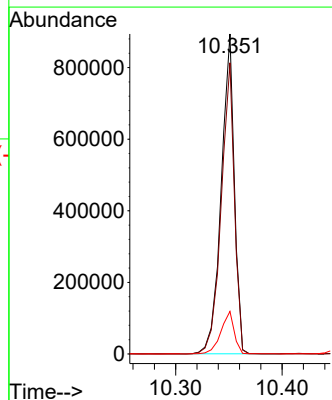
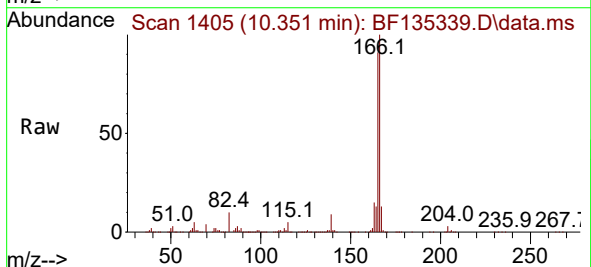
APPROVED

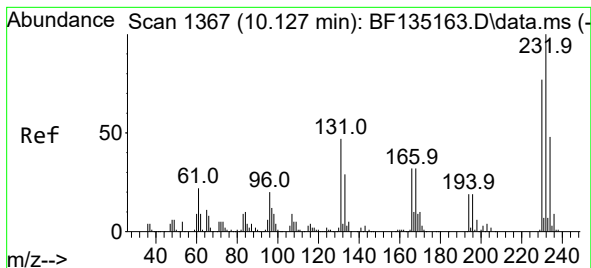
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#58
Fluorene
Concen: 42.540 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

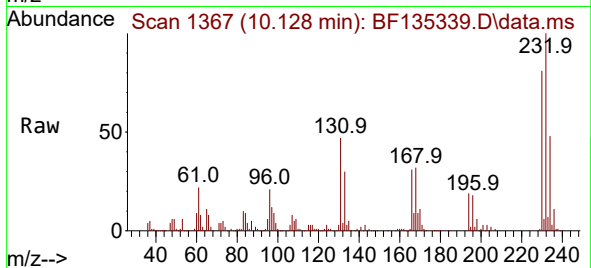
Tgt Ion:166 Resp: 762259
Ion Ratio Lower Upper
166 100
165 91.0 74.3 111.5
167 13.3 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.812 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

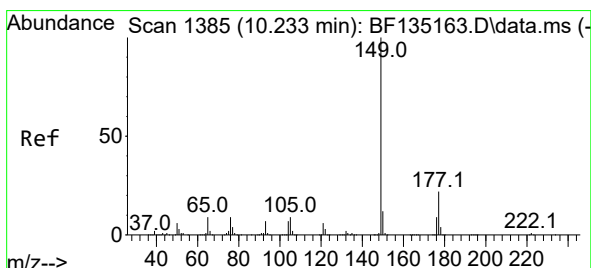
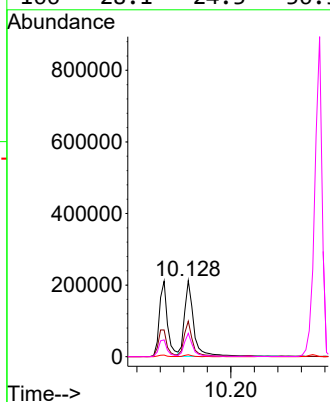
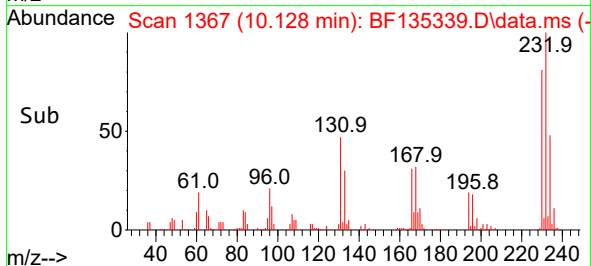
Instrument :
BNA_F
ClientSampleId :
PB155405BS



Tgt Ion:232 Resp: 228860
Ion Ratio Lower Upper
232 100
131 45.2 35.4 53.2
130 2.1 1.8 2.8
166 28.1 24.3 36.5

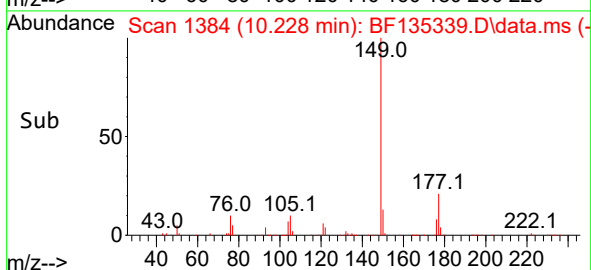
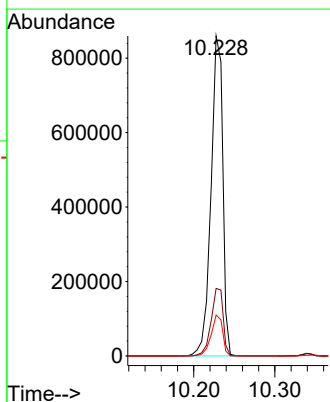
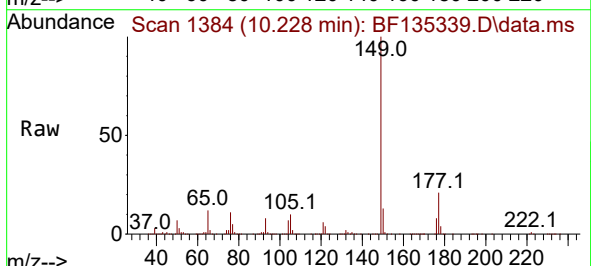
Manual Integrations
APPROVED

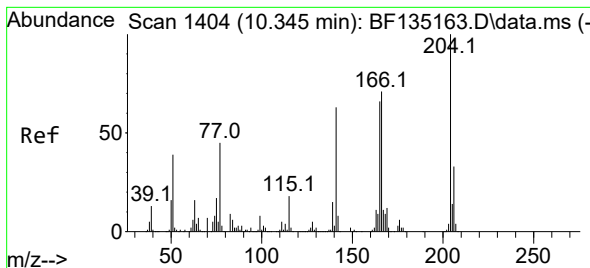
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#60
Diethylphthalate
Concen: 45.576 ng
RT: 10.228 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

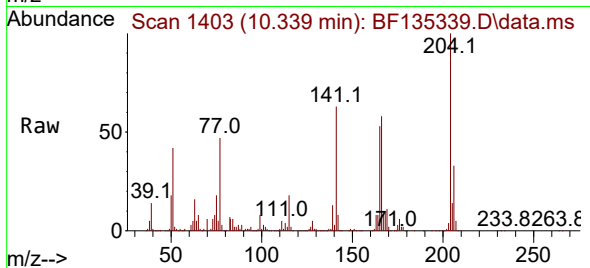
Tgt Ion:149 Resp: 862881
Ion Ratio Lower Upper
149 100
177 21.1 17.8 26.6
150 12.8 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 41.428 ng
RT: 10.339 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

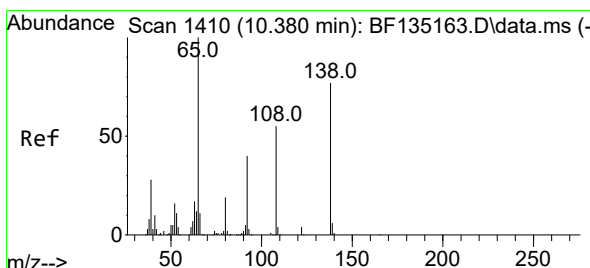
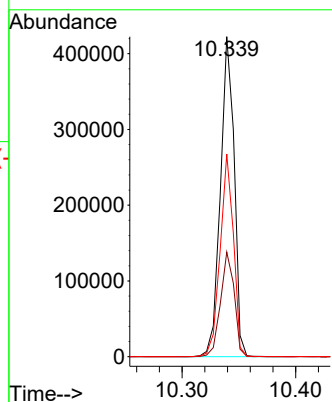
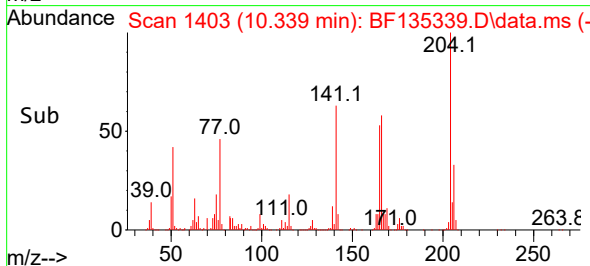
Instrument :
BNA_F
ClientSampleId :
PB155405BS



Tgt Ion:204 Resp: 356590
Ion Ratio Lower Upper
204 100
206 32.7 26.7 40.1
141 63.4 50.6 75.8

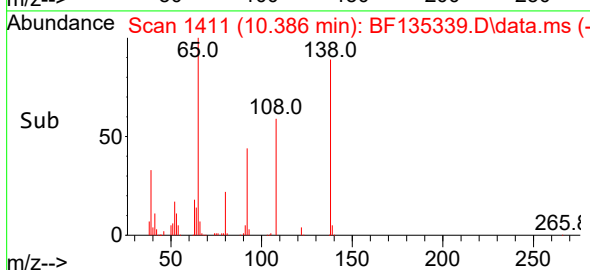
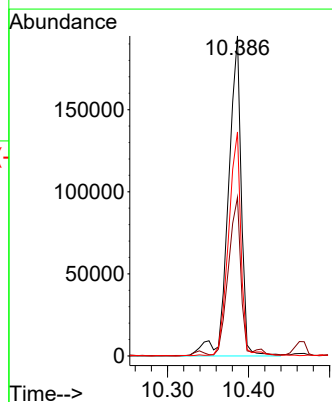
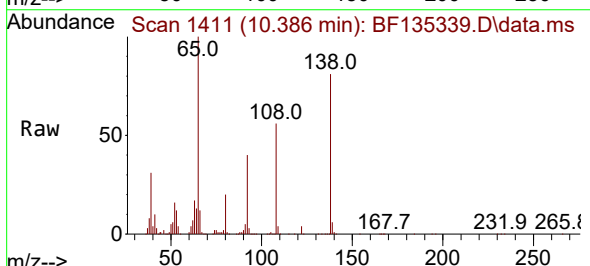
Manual Integrations
APPROVED

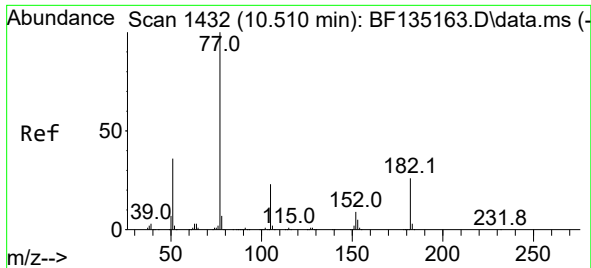
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#62
4-Nitroaniline
Concen: 46.318 ng m
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

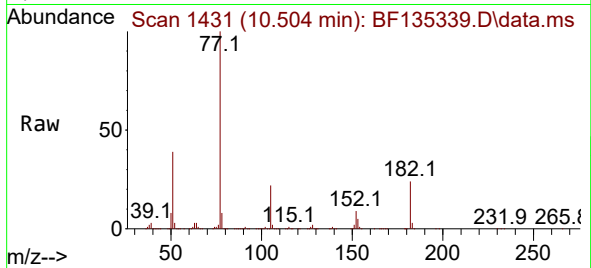
Tgt Ion:138 Resp: 215984
Ion Ratio Lower Upper
138 100
92 49.5 31.8 71.8
108 70.0 52.0 92.0





#63
Azobenzene
Concen: 46.488 ng
RT: 10.504 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

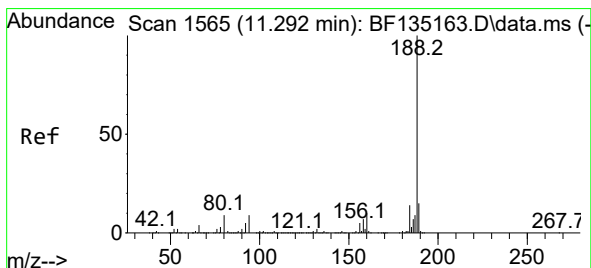
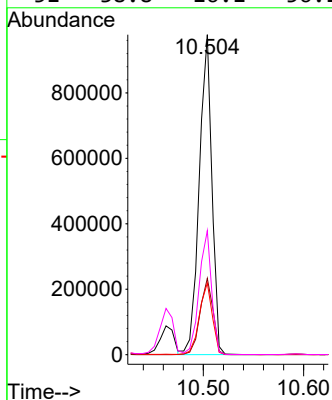
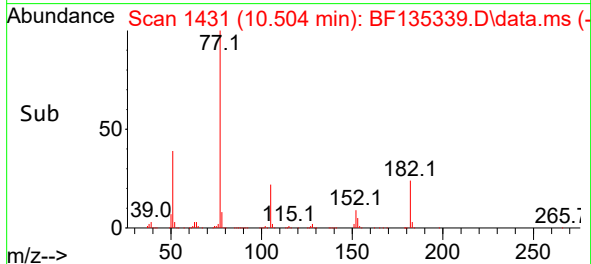
Instrument :
BNA_F
ClientSampleId :
PB155405BS



Tgt Ion: 77 Resp: 861380
Ion Ratio Lower Upper
77 100
182 23.8 6.4 46.4
105 22.4 3.1 43.1
51 38.8 16.1 56.1

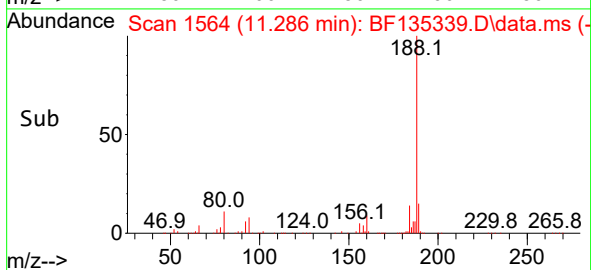
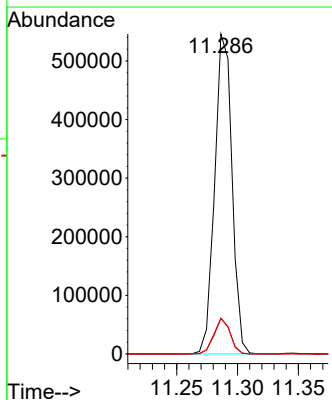
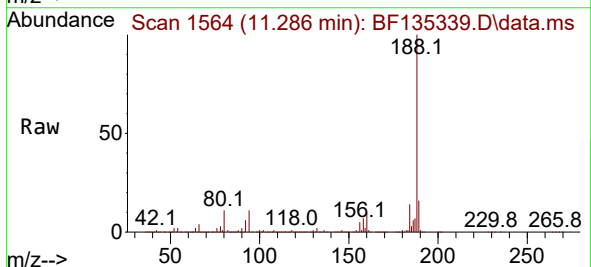
Manual Integrations
APPROVED

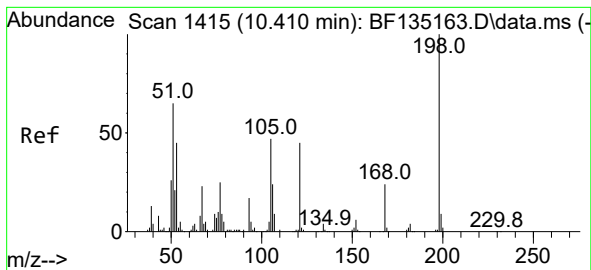
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Tgt Ion:188 Resp: 541912
Ion Ratio Lower Upper
188 100
94 11.1 7.0 10.6#
80 11.2 7.5 11.3





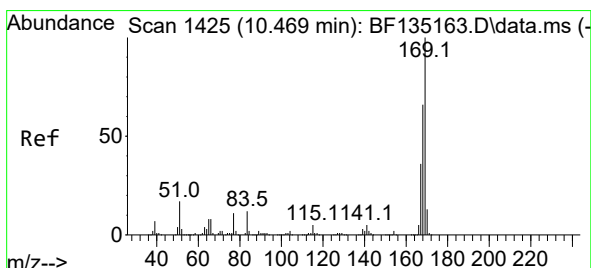
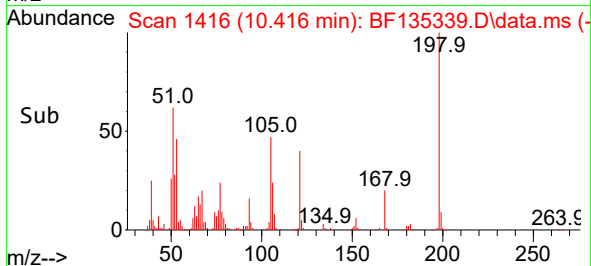
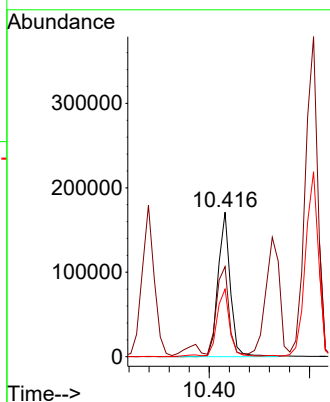
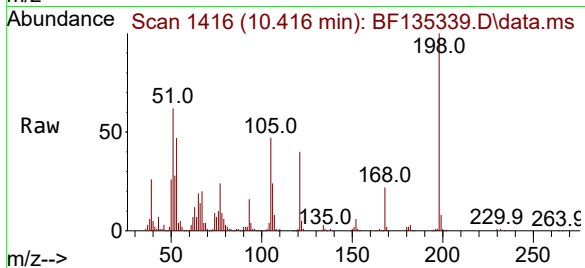
#65
4,6-Dinitro-2-methylphenol
Concen: 49.818 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Instrument :
BNA_F
ClientSampleId :
PB155405BS

Tgt Ion:198 Resp: 143389
Ion Ratio Lower Upper
198 100
51 62.3 47.7 87.7
105 46.8 27.4 67.4

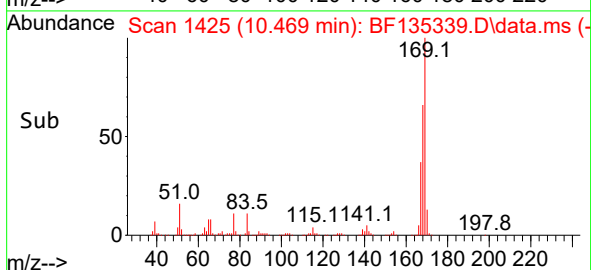
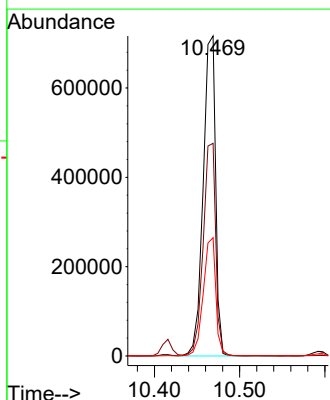
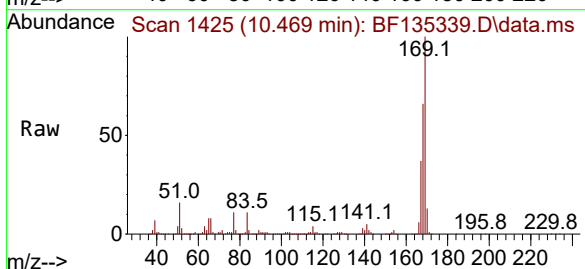
Manual Integrations
APPROVED

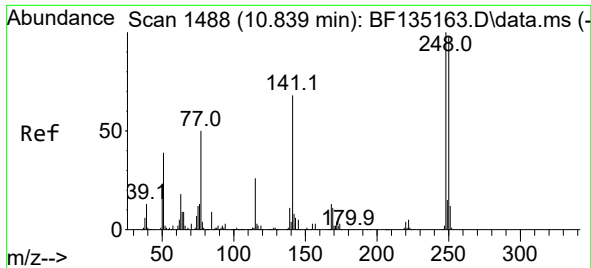
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#66
n-Nitrosodiphenylamine
Concen: 44.176 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Tgt Ion:169 Resp: 724757
Ion Ratio Lower Upper
169 100
168 66.4 52.8 79.2
167 37.0 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 43.987 ng
RT: 10.833 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Instrument :

BNA_F

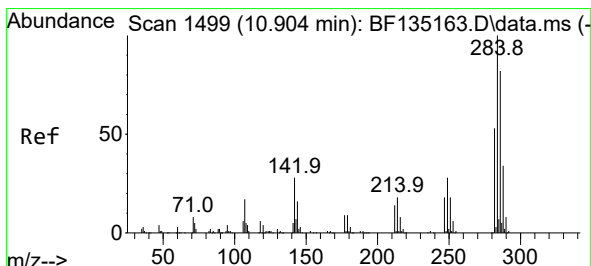
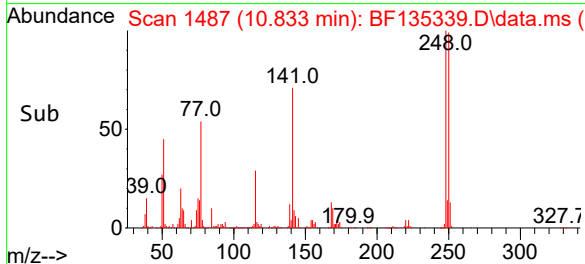
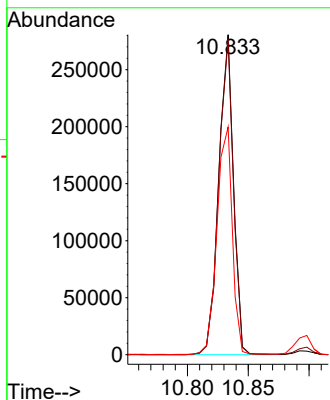
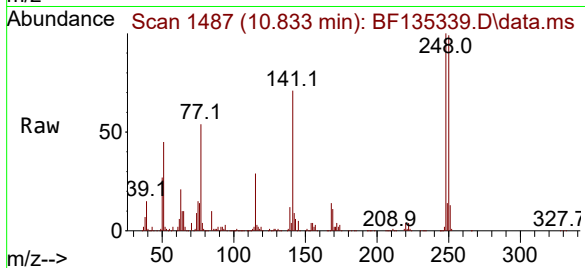
ClientSampleId :

PB155405BS

Tgt Ion:248 Resp: 237079
Ion Ratio Lower Upper
248 100
250 98.6 78.6 117.8
141 71.2 54.2 81.2

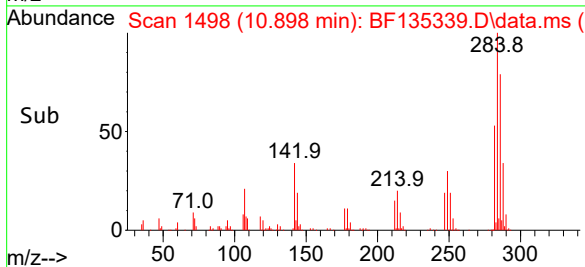
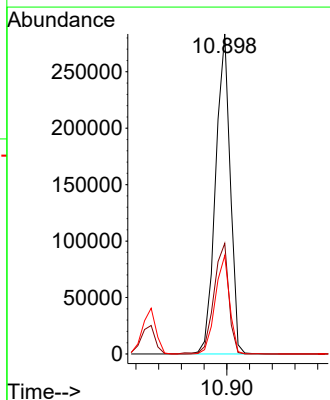
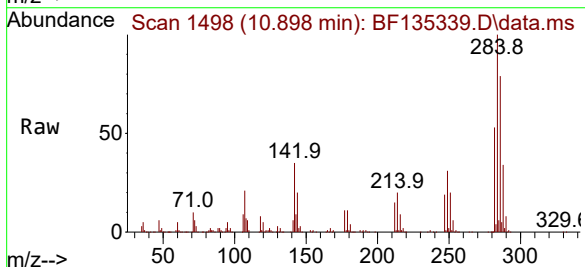
Manual Integrations
APPROVED

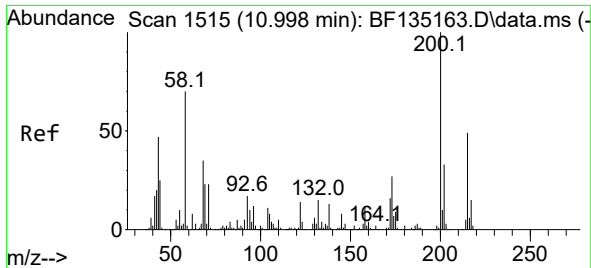
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#68
Hexachlorobenzene
Concen: 46.173 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

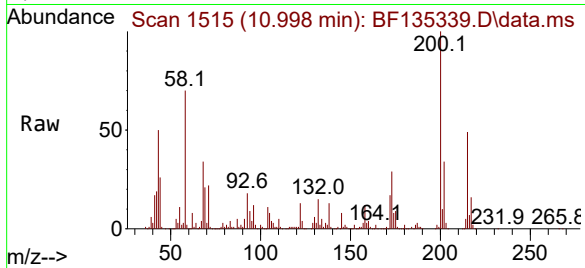
Tgt Ion:284 Resp: 253528
Ion Ratio Lower Upper
284 100
142 34.5 22.2 33.4#
249 30.8 22.5 33.7





#69
 Atrazine
 Concen: 53.908 ng
 RT: 10.998 min Scan# 1515
 Delta R.T. 0.000 min
 Lab File: BF135339.D
 Acq: 19 Sep 2023 17:21

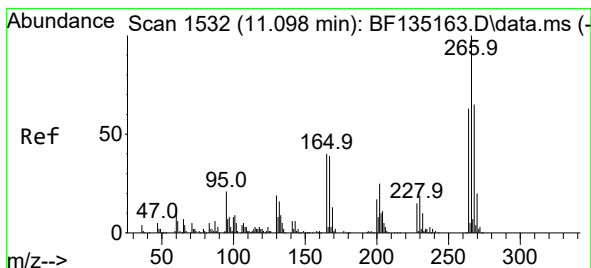
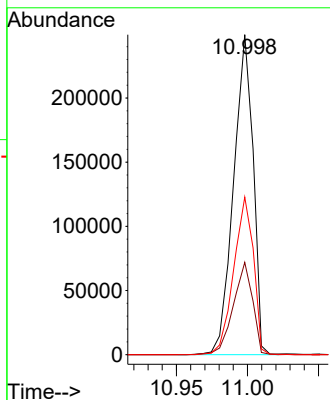
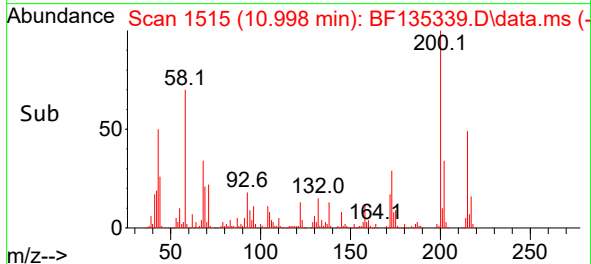
Instrument :
 BNA_F
 ClientSampleId :
 PB155405BS



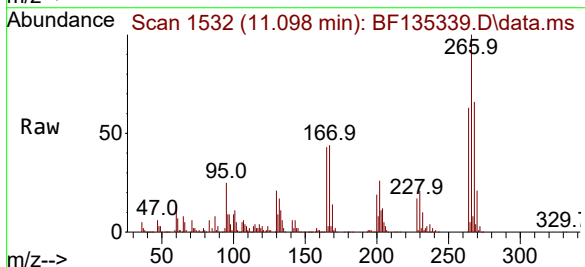
Tgt Ion:200 Resp: 237979
 Ion Ratio Lower Upper
 200 100
 173 28.9 7.4 47.4
 215 49.3 28.6 68.6

Manual Integrations
 APPROVED

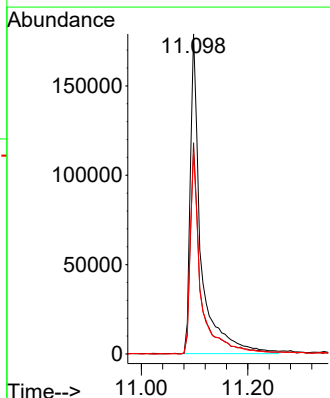
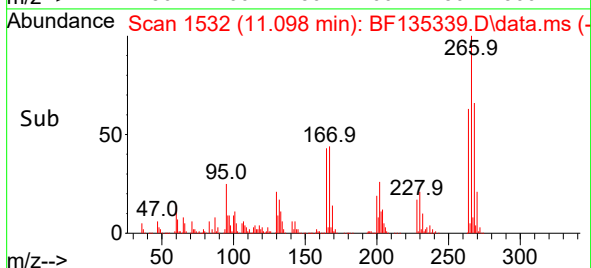
Reviewed By :Yogesh Patel 09/20/2023
 Supervised By :mohammad ahmed 09/20/2023

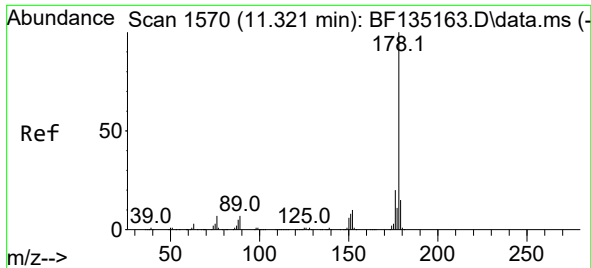


#70
 Pentachlorophenol
 Concen: 75.896 ng
 RT: 11.098 min Scan# 1532
 Delta R.T. 0.000 min
 Lab File: BF135339.D
 Acq: 19 Sep 2023 17:21



Tgt Ion:266 Resp: 249332
 Ion Ratio Lower Upper
 266 100
 268 66.0 52.1 78.1
 264 63.2 50.8 76.2





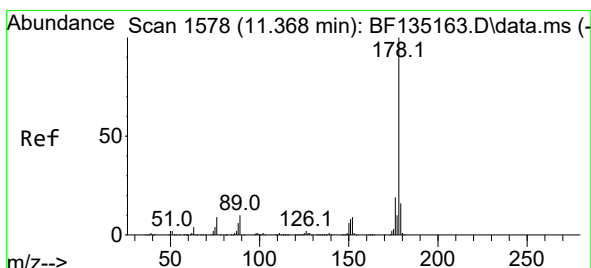
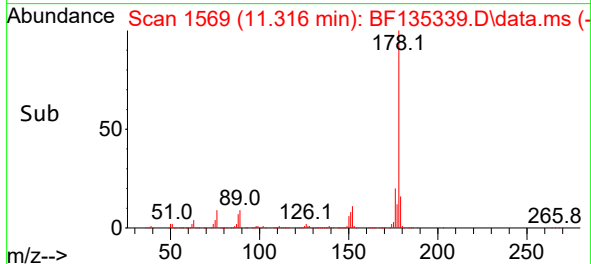
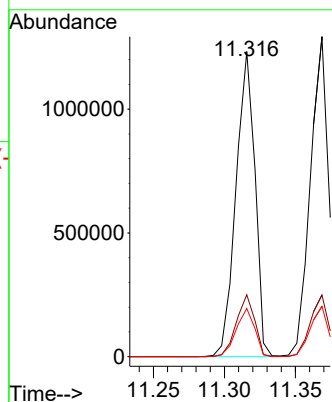
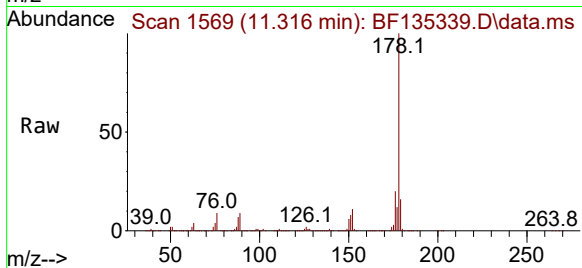
#71
Phenanthrene
Concen: 44.671 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Instrument :
BNA_F
ClientSampleId :
PB155405BS

Tgt Ion:178 Resp: 1144929
Ion Ratio Lower Upper
178 100
176 20.3 15.6 23.4
179 15.8 12.0 18.0

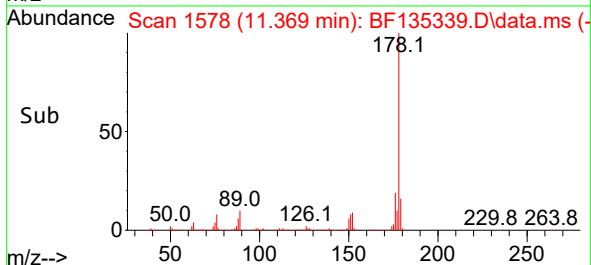
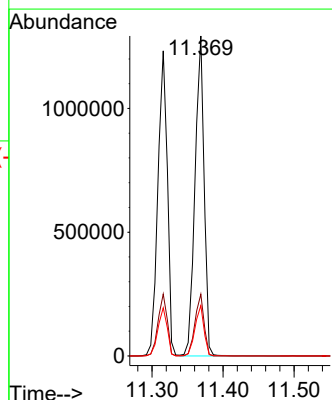
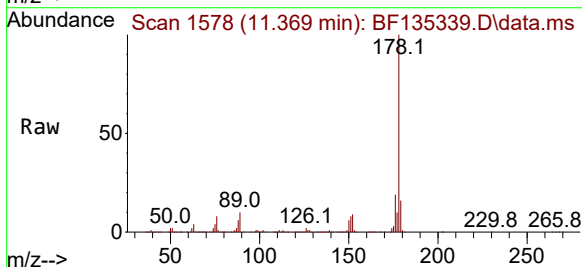
Manual Integrations
APPROVED

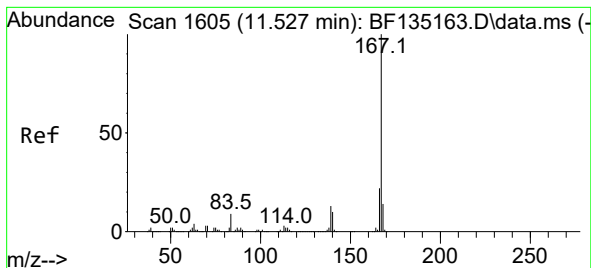
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#72
Anthracene
Concen: 44.043 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Tgt Ion:178 Resp: 1160313
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.7 12.6 19.0





#73

Carbazole

Concen: 45.915 ng

RT: 11.527 min Scan# 1605

Delta R.T. 0.000 min

Lab File: BF135339.D

Acq: 19 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

PB155405BS

Tgt Ion:167 Resp: 1101149

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.0

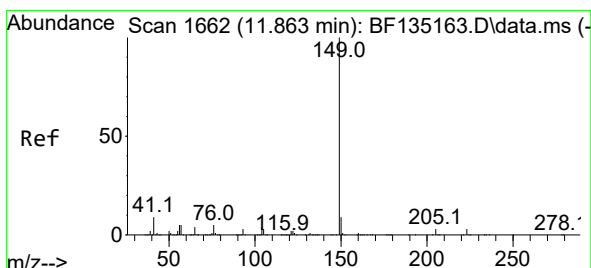
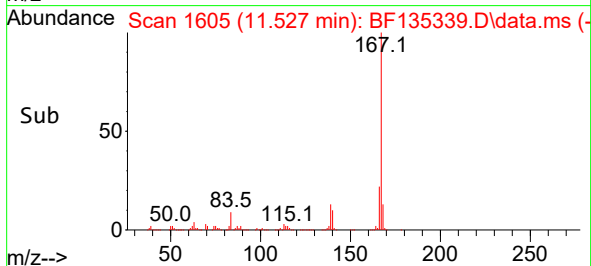
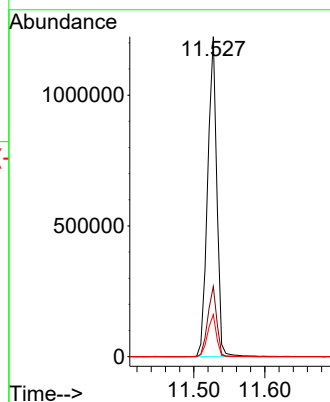
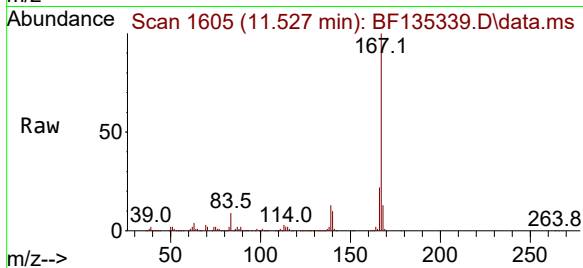
139 13.1 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#74

Di-n-butylphthalate

Concen: 47.404 ng

RT: 11.857 min Scan# 1661

Delta R.T. -0.006 min

Lab File: BF135339.D

Acq: 19 Sep 2023 17:21

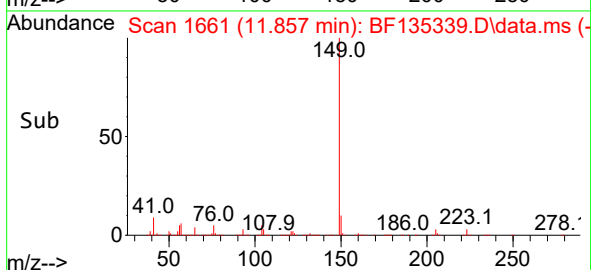
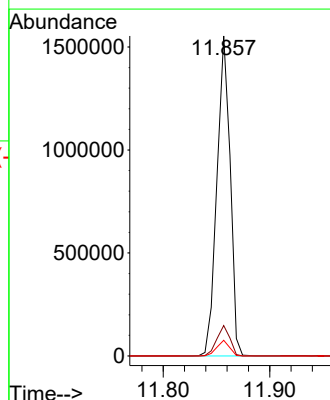
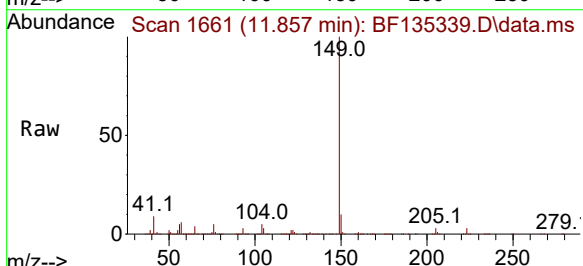
Tgt Ion:149 Resp: 1339623

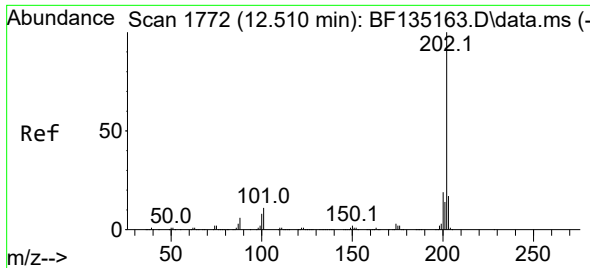
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.0

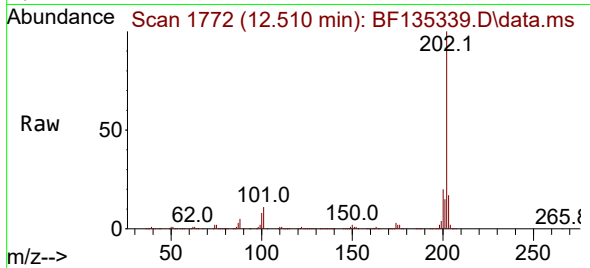
104 4.9 3.6 5.4





#75
Fluoranthene
Concen: 44.839 ng
RT: 12.510 min Scan# 1772
Delta R.T. 0.000 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

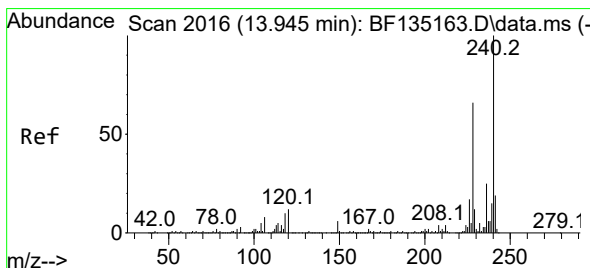
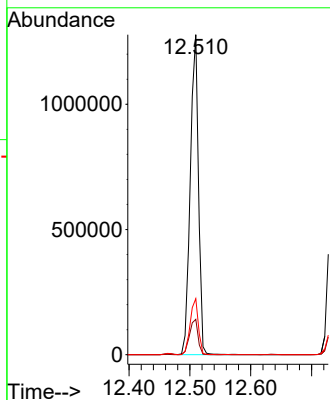
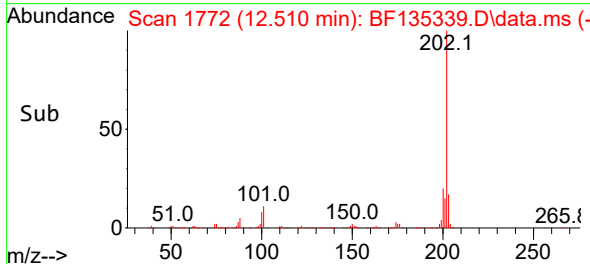
Instrument :
BNA_F
ClientSampleId :
PB155405BS



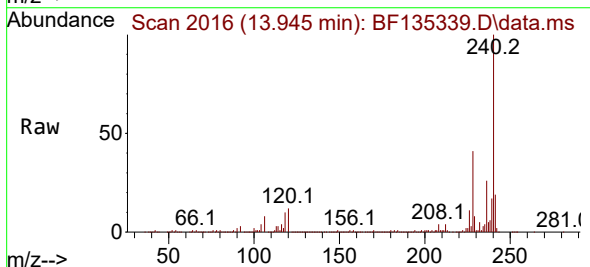
Tgt Ion:202 Resp: 119748
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.3
203 17.5 0.0 37.4

Manual Integrations
APPROVED

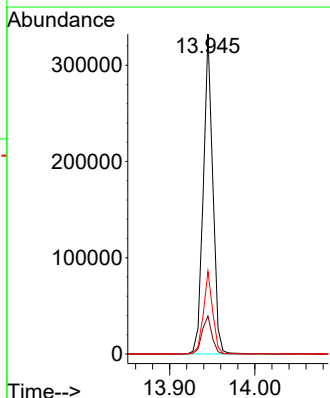
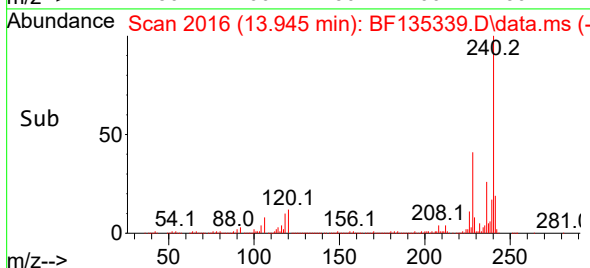
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

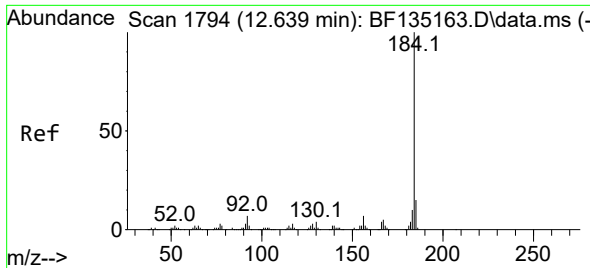


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21



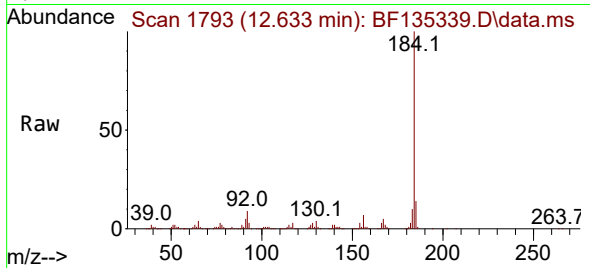
Tgt Ion:240 Resp: 257480
Ion Ratio Lower Upper
240 100
120 11.9 9.4 14.2
236 25.8 19.8 29.8





#77
Benzidine
Concen: 53.912 ng
RT: 12.633 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

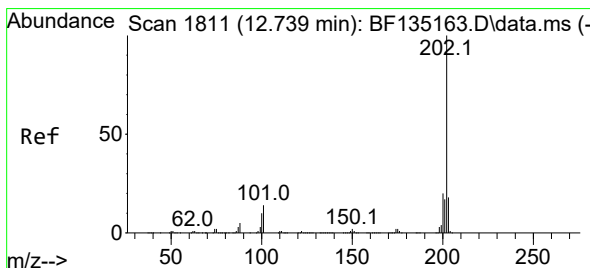
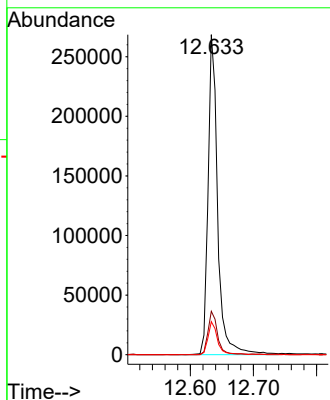
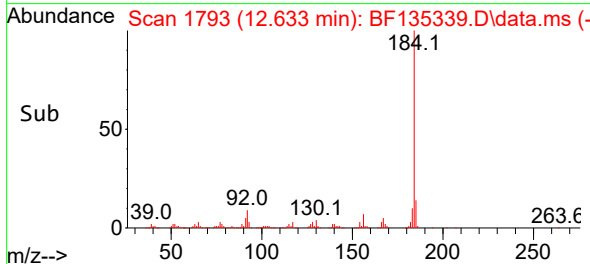
Instrument :
BNA_F
ClientSampleId :
PB155405BS



Tgt Ion:184 Resp: 284385
Ion Ratio Lower Upper
184 100
185 13.6 11.7 17.5
183 10.3 8.2 12.4

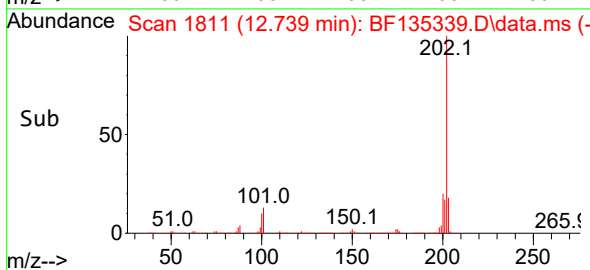
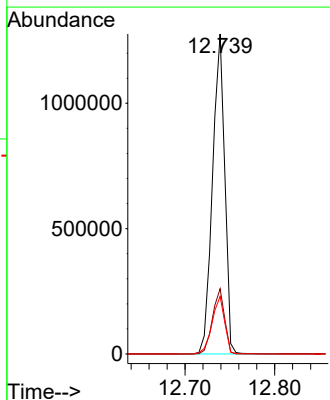
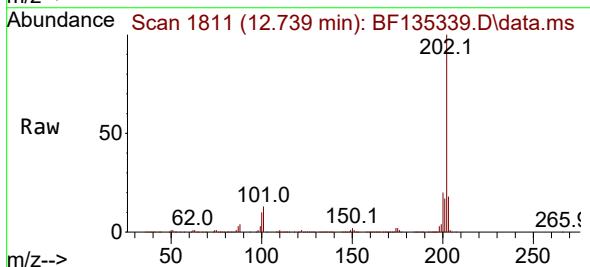
Manual Integrations
APPROVED

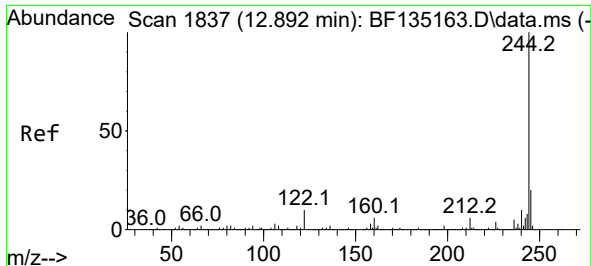
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#78
Pyrene
Concen: 49.193 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Tgt Ion:202 Resp: 1205919
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.2
203 18.0 14.2 21.4





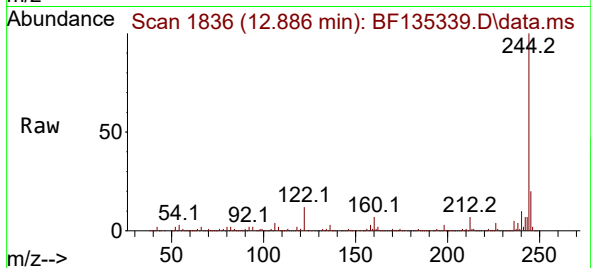
#79
 Terphenyl-d14
 Concen: 90.841 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF135339.D
 Acq: 19 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

PB155405BS

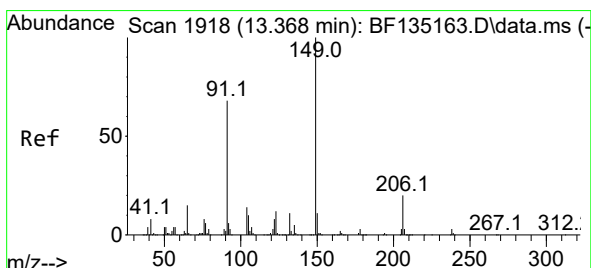
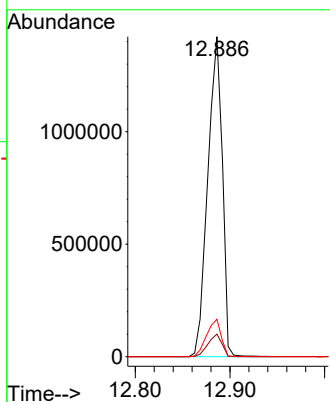
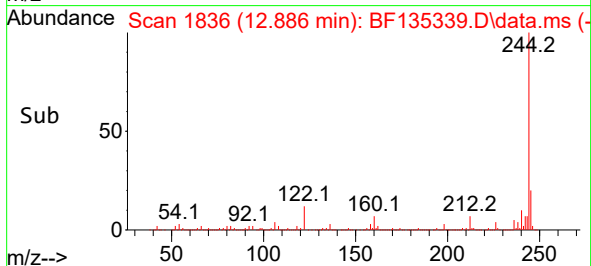


Tgt Ion:244 Resp: 1508833
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.1 7.7
 122 11.7 7.9 11.9

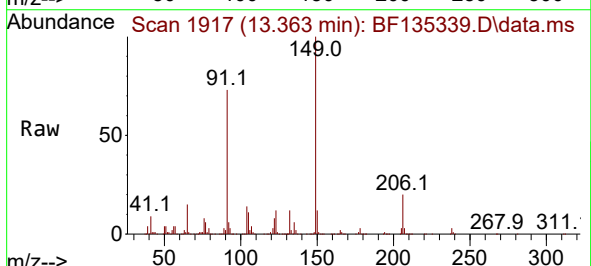
Manual Integrations

APPROVED

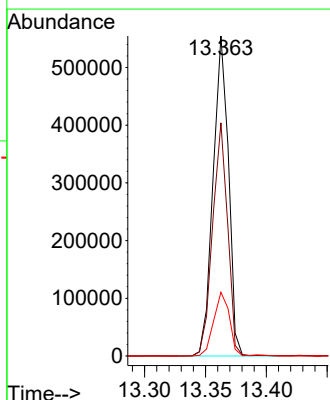
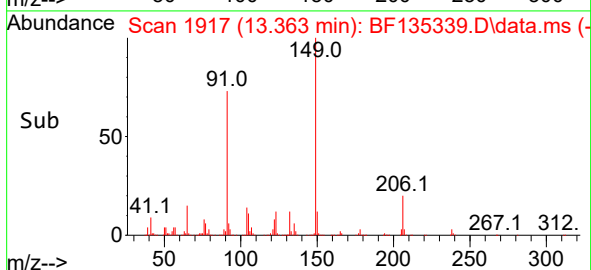
Reviewed By :Yogesh Patel 09/20/2023
 Supervised By :mohammad ahmed 09/20/2023

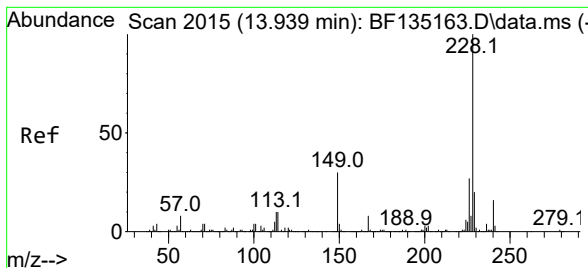


#80
 Butylbenzylphthalate
 Concen: 56.618 ng
 RT: 13.363 min Scan# 1917
 Delta R.T. -0.006 min
 Lab File: BF135339.D
 Acq: 19 Sep 2023 17:21



Tgt Ion:149 Resp: 488668
 Ion Ratio Lower Upper
 149 100
 91 72.9 54.7 82.1
 206 19.9 16.3 24.5





#81

Benzo(a)anthracene

Concen: 44.834 ng

RT: 13.933 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF135339.D

Acq: 19 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

PB155405BS

Tgt Ion:228 Resp: 74541

Ion Ratio Lower Upper

228 100

226 27.8 21.7 32.5

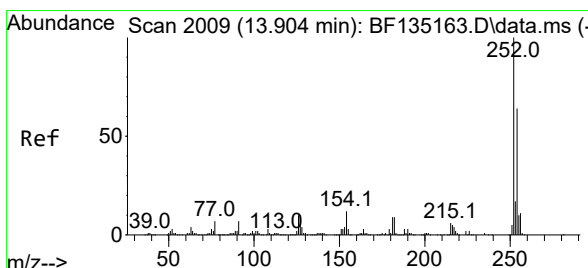
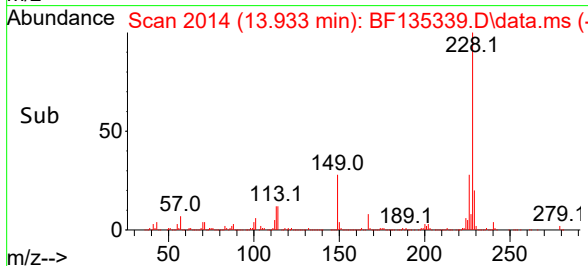
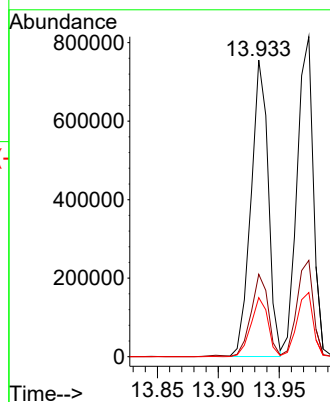
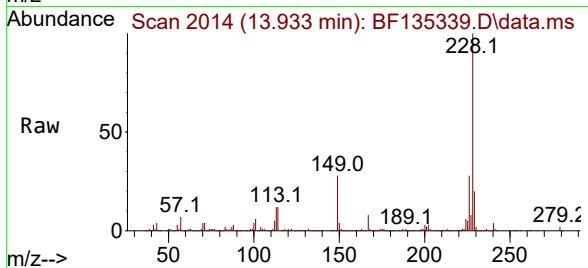
229 19.9 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#82

3,3'-Dichlorobenzidine

Concen: 33.639 ng

RT: 13.898 min Scan# 2008

Delta R.T. -0.006 min

Lab File: BF135339.D

Acq: 19 Sep 2023 17:21

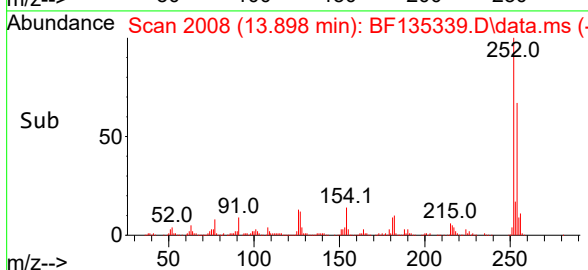
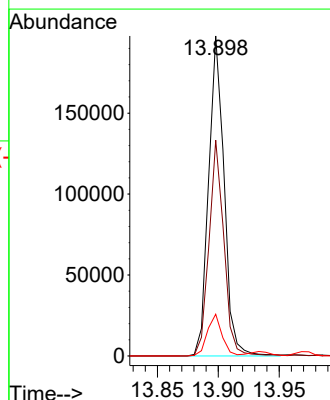
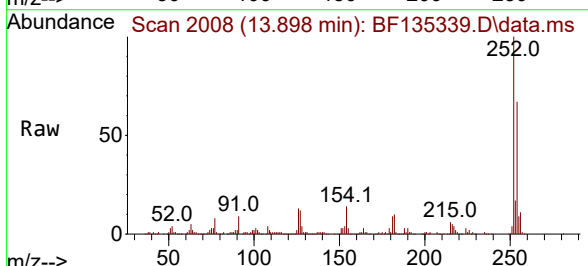
Tgt Ion:252 Resp: 174695

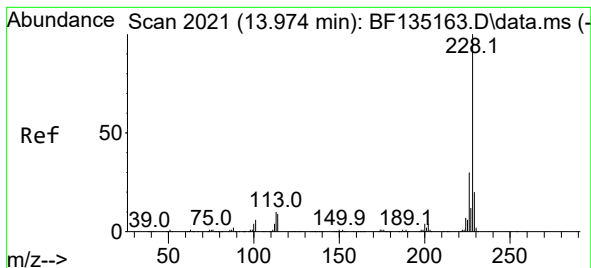
Ion Ratio Lower Upper

252 100

254 67.5 51.0 76.4

126 13.1 7.8 11.8





#83

Chrysene

Concen: 45.936 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF135339.D

Acq: 19 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

PB155405BS

Tgt Ion:228 Resp: 759339

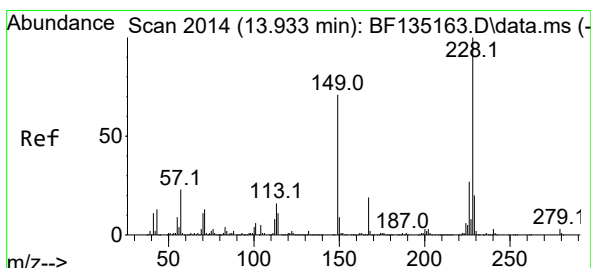
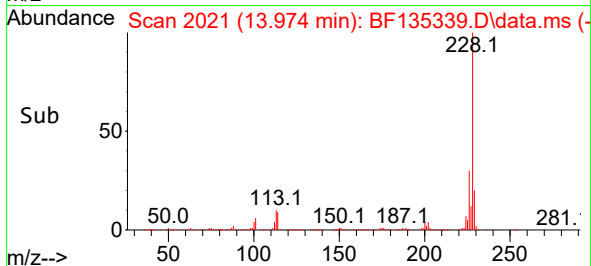
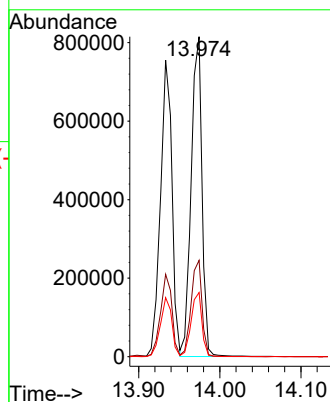
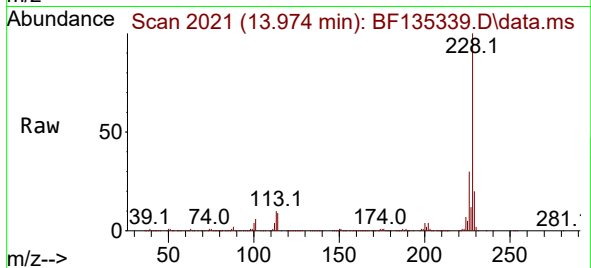
Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.3	36.5
229	20.0	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.931 ng

RT: 13.927 min Scan# 2013

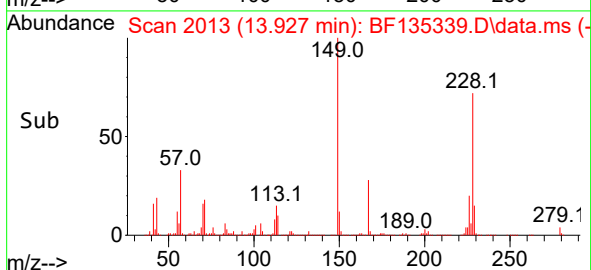
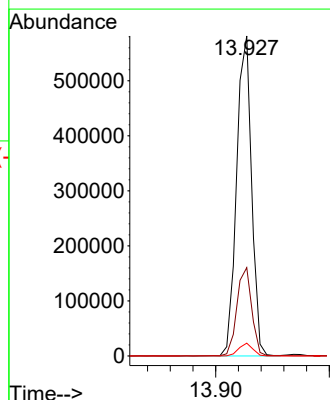
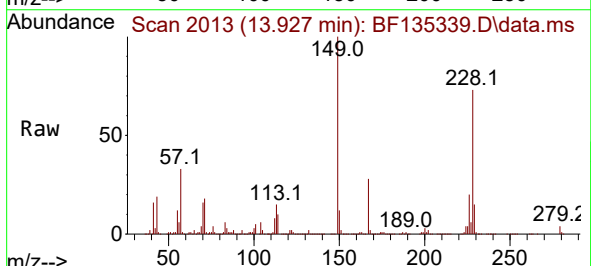
Delta R.T. -0.006 min

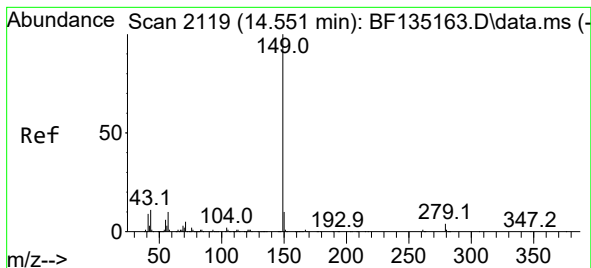
Lab File: BF135339.D

Acq: 19 Sep 2023 17:21

Tgt Ion:149 Resp: 530806

Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.9	32.9
279	4.0	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 58.735 ng

RT: 14.545 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BF135339.D

Acq: 19 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

PB155405BS

Tgt Ion:149 Resp: 826709

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

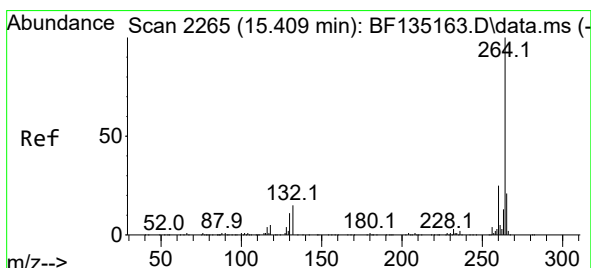
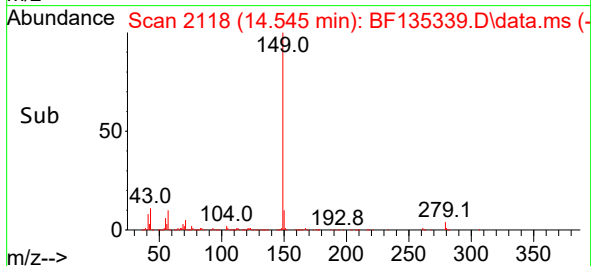
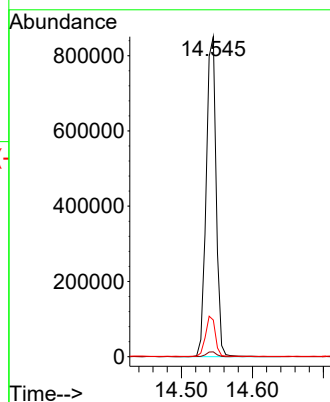
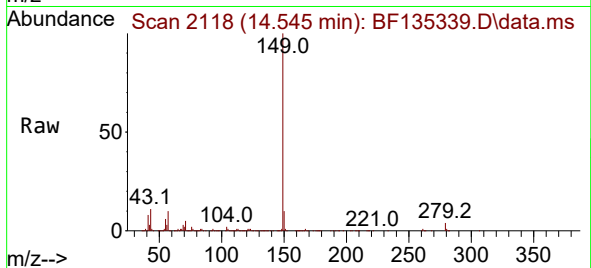
43 12.5 9.8 14.6

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: BF135339.D

Acq: 19 Sep 2023 17:21

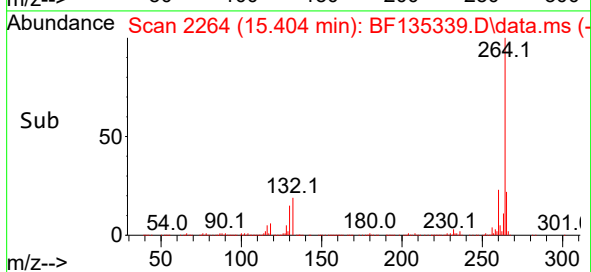
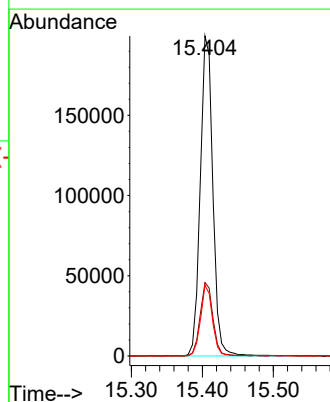
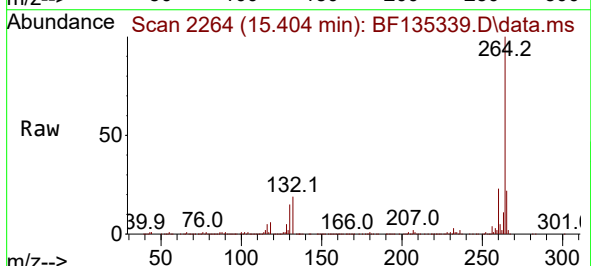
Tgt Ion:264 Resp: 245817

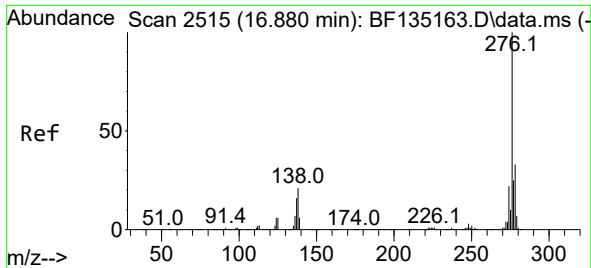
Ion Ratio Lower Upper

264 100

260 23.0 19.8 29.6

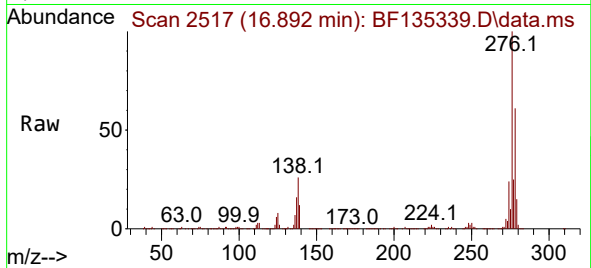
265 22.1 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.215 ng
RT: 16.892 min Scan# 2117
Delta R.T. 0.012 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

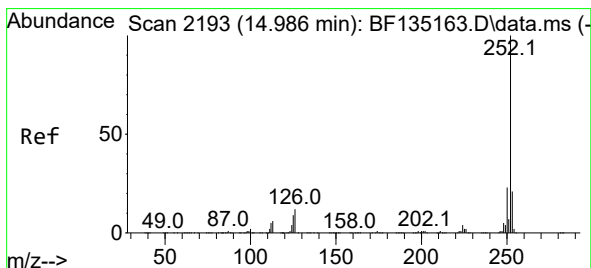
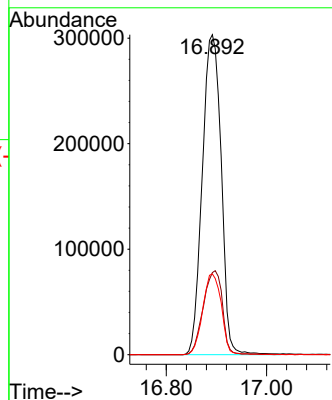
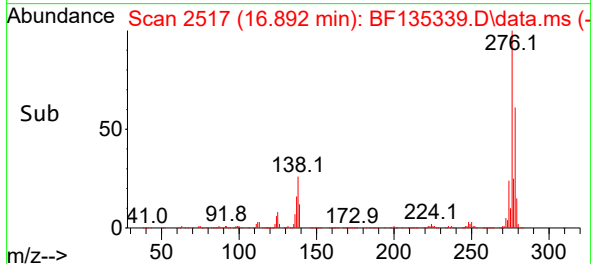
Instrument :
BNA_F
ClientSampleId :
PB155405BS



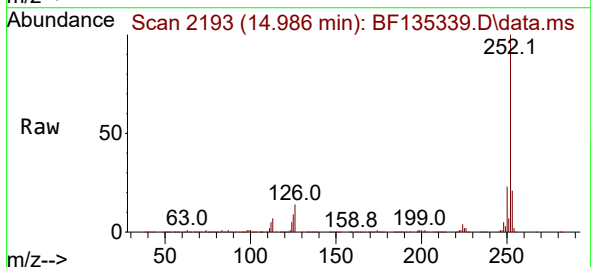
Tgt Ion:276 Resp: 79322
Ion Ratio Lower Upper
276 100
138 26.6 19.2 28.8
277 24.8 19.7 29.5

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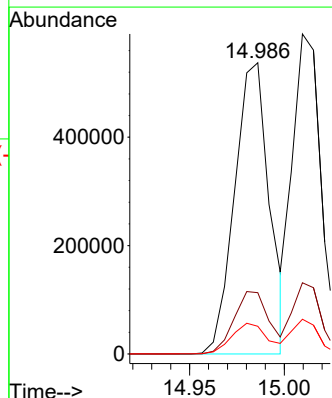
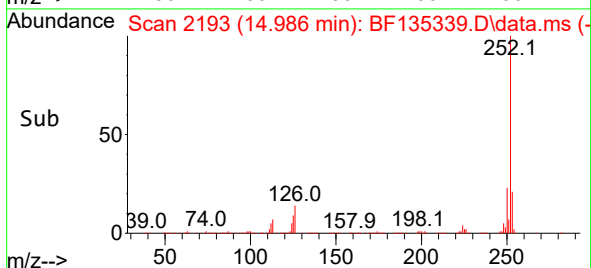
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

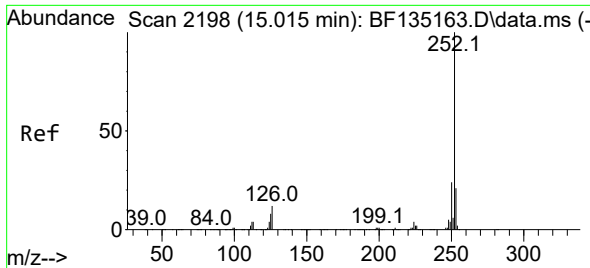


#88
Benzo(b)fluoranthene
Concen: 51.721 ng
RT: 14.986 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21



Tgt Ion:252 Resp: 688249
Ion Ratio Lower Upper
252 100
253 21.1 17.2 25.8
125 9.5 7.1 10.7





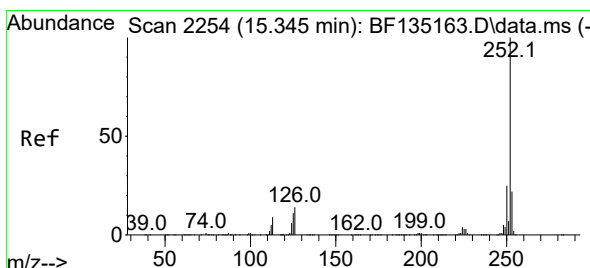
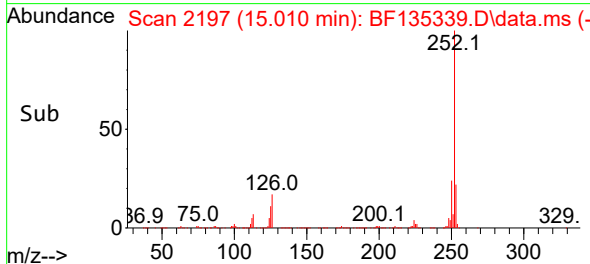
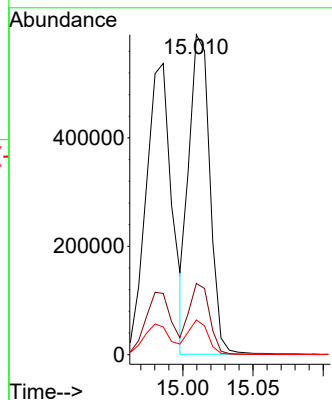
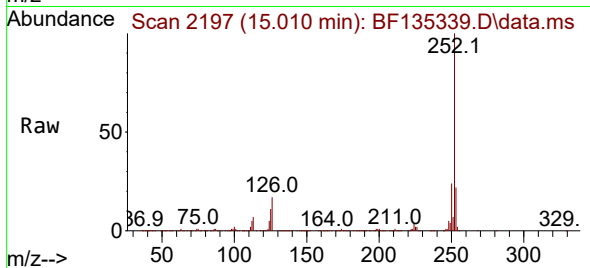
#89
Benzo(k)fluoranthene
Concen: 46.711 ng m
RT: 15.010 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Instrument :
BNA_F
ClientSampleId :
PB155405BS

Tgt Ion:252 Resp: 614008
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 10.9 7.2 10.8

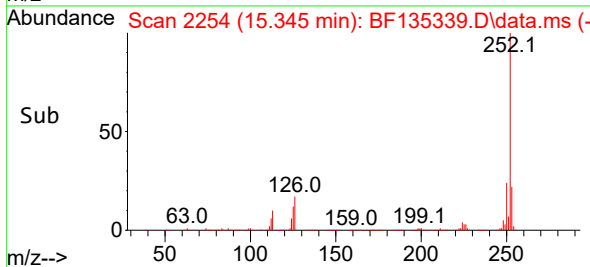
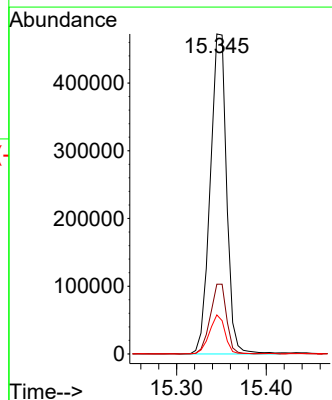
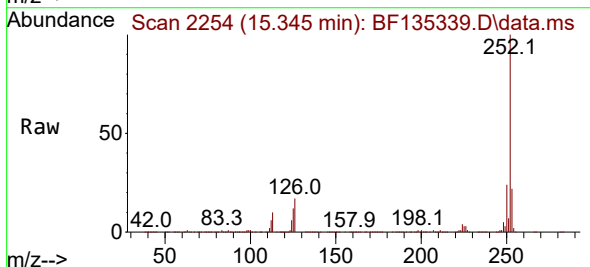
Manual Integrations
APPROVED

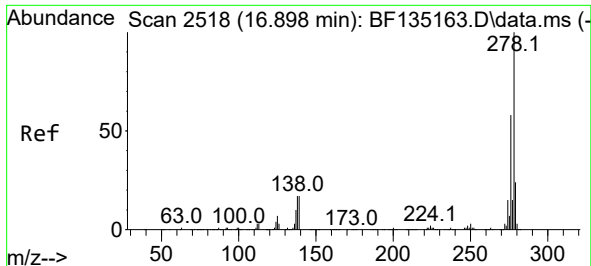
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#90
Benzo(a)pyrene
Concen: 47.156 ng
RT: 15.345 min Scan# 2254
Delta R.T. 0.000 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Tgt Ion:252 Resp: 598407
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 12.2 9.2 13.8





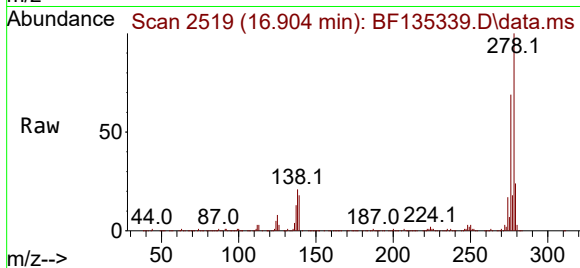
#91
Dibenzo(a,h)anthracene
Concen: 48.143 ng
RT: 16.904 min Scan# 2518
Delta R.T. 0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

PB155405BS

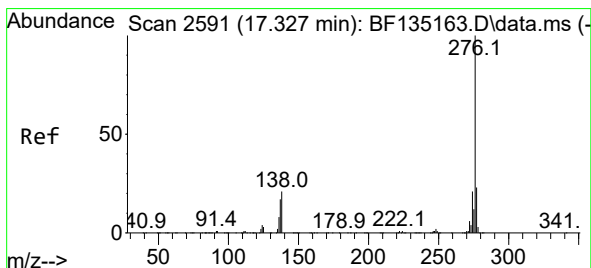
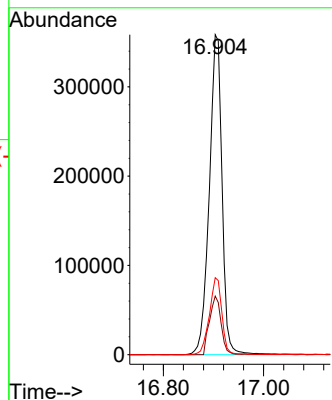
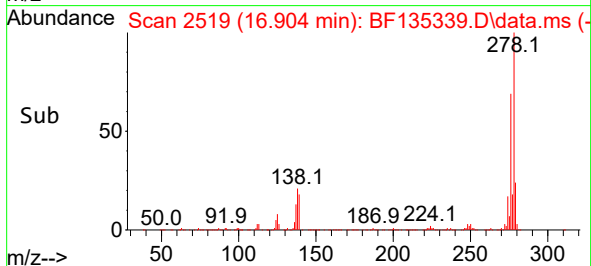


Tgt Ion:278 Resp: 63489
Ion Ratio Lower Upper
278 100
139 18.3 13.4 20.0
279 24.1 19.0 28.6

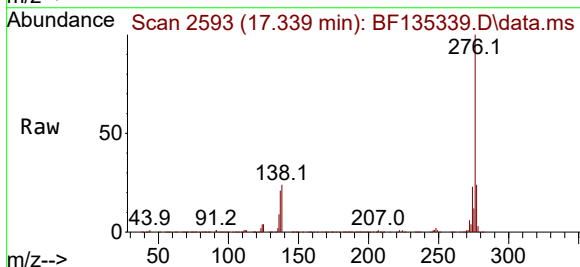
Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 48.188 ng
RT: 17.339 min Scan# 2593
Delta R.T. 0.012 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21



Tgt Ion:276 Resp: 663671
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 23.9 16.9 25.3

