

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
 Data File : BF135302.D
 Acq On : 18 Sep 2023 12:48
 Operator : CG\JU
 Sample : PB155317BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 2

Instrument :
 BNA_F
 ClientSampleId :
 PB155317BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/19/2023
 Supervised By :mohammad ahmed 09/19/2023

Quant Time: Sep 18 13:11:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	199825	40.000	ng	0.00
21) Naphthalene-d8	8.039	136	762520	40.000	ng	0.00
39) Acenaphthene-d10	9.798	164	389274	40.000	ng	0.00
64) Phenanthrene-d10	11.292	188	734337	40.000	ng	0.00
76) Chrysene-d12	13.951	240	354848	40.000	ng	# 0.00
86) Perylene-d12	15.415	264	438815	40.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	767812	124.990	ng	0.01
7) Phenol-d6	6.410	99	951921	121.867	ng	0.00
23) Nitrobenzene-d5	7.328	82	612489	87.279	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	263658	136.312	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1110374	86.070	ng	0.00
79) Terphenyl-d14	12.886	244	1052708	91.977	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.552	88	107080	39.763	ng	99
3) Pyridine	3.304	79	352847	48.683	ng	98
4) n-Nitrosodimethylamine	3.263	42	245679	63.878	ng	99
6) Aniline	6.428	93	358824	35.031	ng	# 78
8) 2-Chlorophenol	6.545	128	301261	45.940	ng	99
9) Benzaldehyde	6.316	77	177444	39.876	ng	99
10) Phenol	6.422	94	357589	41.749	ng	83
11) bis(2-Chloroethyl)ether	6.504	93	283023	44.051	ng	99
12) 1,3-Dichlorobenzene	6.698	146	305044	45.771	ng	98
13) 1,4-Dichlorobenzene	6.775	146	308495	45.498	ng	97
14) 1,2-Dichlorobenzene	6.928	146	294155	46.715	ng	98
15) Benzyl Alcohol	6.910	79	258427	46.105	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.039	45	517696	42.748	ng	97
17) 2-Methylphenol	7.022	107	237715	41.078	ng	97
18) Hexachloroethane	7.263	117	117089	46.736	ng	91
19) n-Nitroso-di-n-propyla...	7.175	70	204248	42.215	ng	96
20) 3+4-Methylphenols	7.175	107	287488	41.314	ng	96
22) Acetophenone	7.175	105	398383	45.704	ng	99
24) Nitrobenzene	7.345	77	317213	45.733	ng	100
25) Isophorone	7.586	82	565451	43.881	ng	99
26) 2-Nitrophenol	7.657	139	157624	47.349	ng	95
27) 2,4-Dimethylphenol	7.704	122	260538	46.561	ng	99
28) bis(2-Chloroethoxy)met...	7.792	93	347607	45.069	ng	99
29) 2,4-Dichlorophenol	7.904	162	241266	46.532	ng	97
30) 1,2,4-Trichlorobenzene	7.981	180	261080	48.174	ng	98
31) Naphthalene	8.063	128	853218	46.059	ng	100
32) Benzoic acid	7.839	122	182493	43.311	ng	93
33) 4-Chloroaniline	8.116	127	293966	36.170	ng	100
34) Hexachlorobutadiene	8.175	225	153379	46.936	ng	98
35) Caprolactam	8.486	113	81310m	46.726	ng	
36) 4-Chloro-3-methylphenol	8.604	107	266951	46.324	ng	100
37) 2-Methylnaphthalene	8.751	142	548699	44.065	ng	98
38) 1-Methylnaphthalene	8.851	142	504563	43.280	ng	98
40) 1,2,4,5-Tetrachloroben...	8.922	216	256507	45.490	ng	99
41) Hexachlorocyclopentadiene	8.904	237	203908	89.261	ng	98
43) 2,4,6-Trichlorophenol	9.039	196	169906	46.021	ng	99

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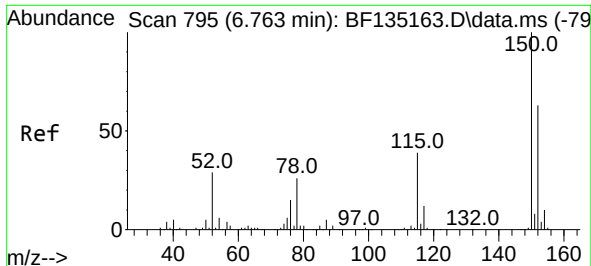
Manual Integrations
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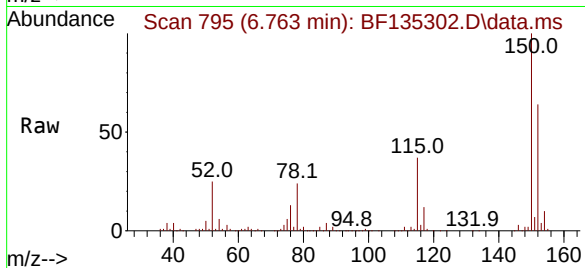
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	184568	43.410	ng	98
46) 1,1'-Biphenyl	9.222	154	678321	45.350	ng	100
47) 2-Chloronaphthalene	9.245	162	506179	46.641	ng	98
48) 2-Nitroaniline	9.351	65	194039	46.022	ng	96
49) Acenaphthylene	9.663	152	812682	45.058	ng	99
50) Dimethylphthalate	9.528	163	597397	45.397	ng	100
51) 2,6-Dinitrotoluene	9.592	165	132106	45.826	ng	94
52) Acenaphthene	9.833	154	486318	45.643	ng	97
53) 3-Nitroaniline	9.763	138	129281	38.204	ng	96
54) 2,4-Dinitrophenol	9.880	184	148964	96.410	ng	93
55) Dibenzofuran	10.004	168	732127	45.029	ng	98
56) 4-Nitrophenol	9.939	139	196527	91.380	ng	98
57) 2,4-Dinitrotoluene	9.998	165	167942	46.534	ng	88
58) Fluorene	10.351	166	572479	45.801	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.128	232	152623	46.665	ng	100
60) Diethylphthalate	10.227	149	597226	45.222	ng	98
61) 4-Chlorophenyl-phenyle...	10.345	204	274147	45.659	ng	92
62) 4-Nitroaniline	10.380	138	141566	43.522	ng	96
63) Azobenzene	10.504	77	580897	44.943	ng	98
65) 4,6-Dinitro-2-methylph...	10.416	198	96432	49.449	ng	86
66) n-Nitrosodiphenylamine	10.469	169	517935	46.594	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	170269	46.627	ng	96
68) Hexachlorobenzene	10.898	284	190975	51.333	ng	93
69) Atrazine	10.998	200	163261	54.585	ng	98
70) Pentachlorophenol	11.098	266	182390	81.942	ng	97
71) Phenanthrene	11.316	178	831724	47.895	ng	99
72) Anthracene	11.369	178	836276	46.851	ng	99
73) Carbazole	11.527	167	755451	46.492	ng	99
74) Di-n-butylphthalate	11.857	149	894098	46.696	ng	99
75) Fluoranthene	12.510	202	815246	45.054	ng	99
77) Benzidine	12.639	184	287354	79.055	ng	99
78) Pyrene	12.739	202	805048	47.658	ng	99
80) Butylbenzylphthalate	13.368	149	272246	45.775	ng	94
81) Benzo(a)anthracene	13.939	228	524367	45.769	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	177285	49.541	ng	98
83) Chrysene	13.974	228	505863	44.410	ng	100
84) Bis(2-ethylhexyl)phtha...	13.927	149	306270	50.183	ng	98
85) Di-n-octyl phthalate	14.545	149	515514	53.151	ng	99
87) Indeno(1,2,3-cd)pyrene	16.898	276	677101	47.067	ng	99
88) Benzo(b)fluoranthene	14.986	252	512374	43.139	ng	100
89) Benzo(k)fluoranthene	15.015	252	517975	44.148	ng	98
90) Benzo(a)pyrene	15.351	252	475031	41.939	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	546796	46.454	ng	98
92) Benzo(g,h,i)perylene	17.345	276	559450	45.510	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 40.000 ng
 RT: 6.763 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF135302.D
 Acq: 18 Sep 2023 12:48

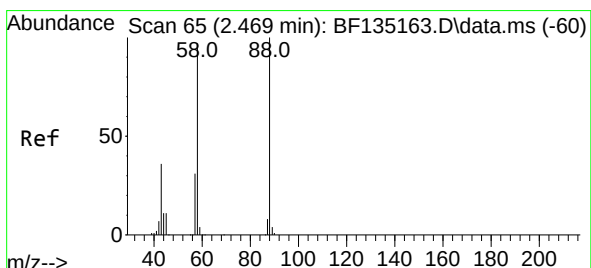
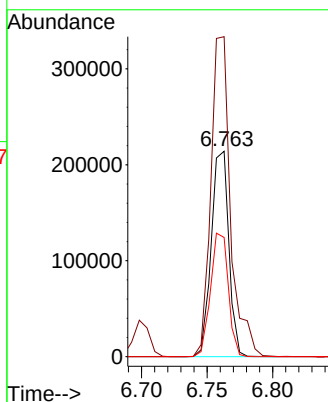
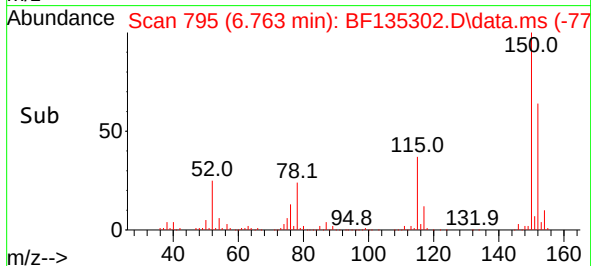
Instrument :
 BNA_F
 ClientSampleId :
 PB155317BS



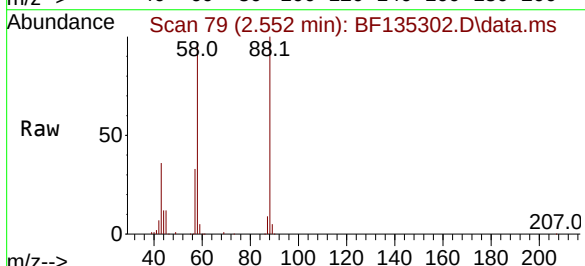
Tgt Ion: 152 Resp: 199825
 Ion Ratio Lower Upper
 152 100
 150 155.7 127.8 191.6
 115 58.0 49.8 74.8

Manual Integrations
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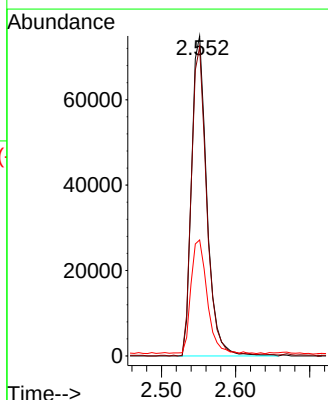
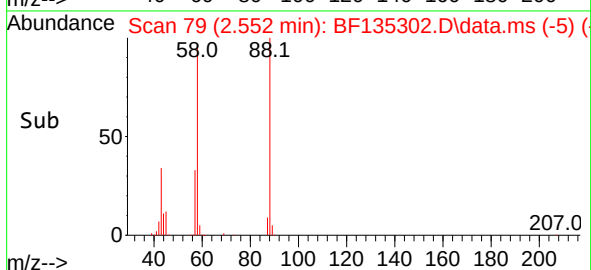
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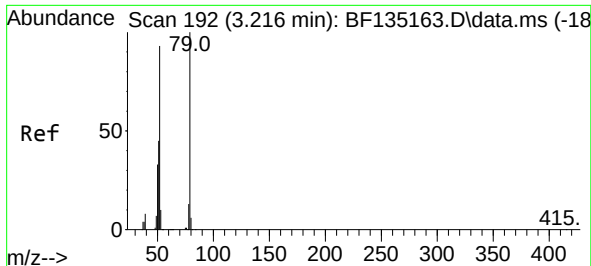


#2
 1,4-Dioxane
 Concen: 39.763 ng
 RT: 2.552 min Scan# 79
 Delta R.T. 0.082 min
 Lab File: BF135302.D
 Acq: 18 Sep 2023 12:48



Tgt Ion: 88 Resp: 107080
 Ion Ratio Lower Upper
 88 100
 58 97.3 78.3 117.5
 43 37.7 29.4 44.0





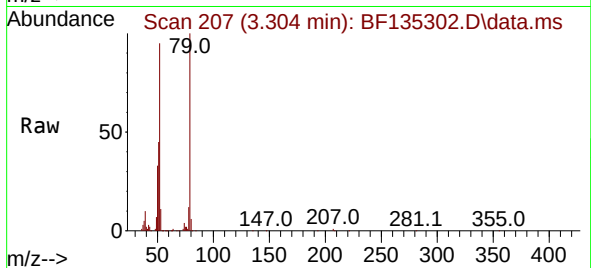
#3
Pyridine
Concen: 48.683 ng
RT: 3.304 min Scan# 200
Delta R.T. 0.088 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB155317BS

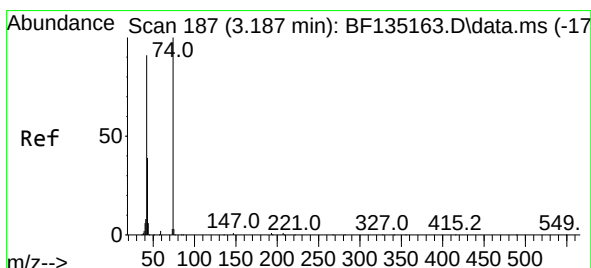
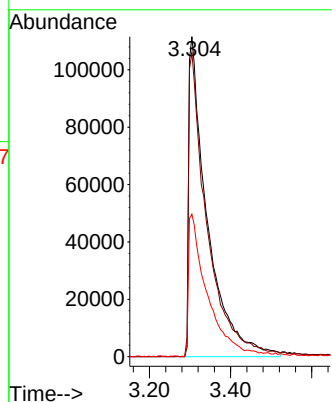
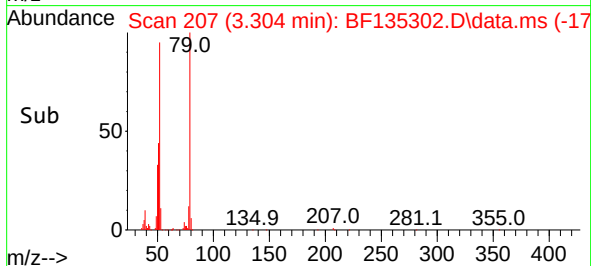


Tgt Ion: 79 Resp: 35284
Ion Ratio Lower Upper
79 100
52 95.1 74.1 111.1
51 44.5 35.8 53.8

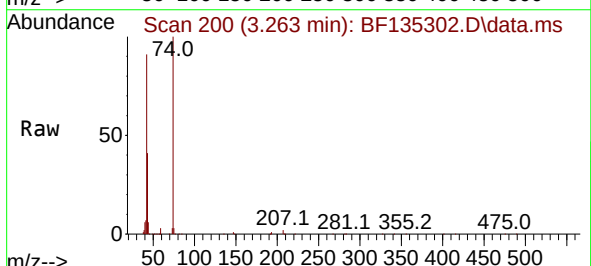
Manual Integrations

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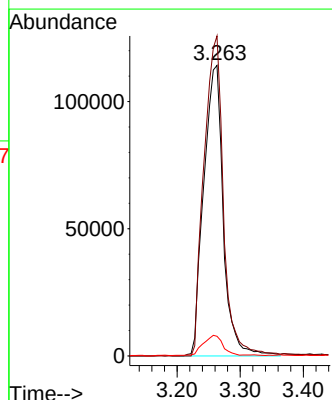
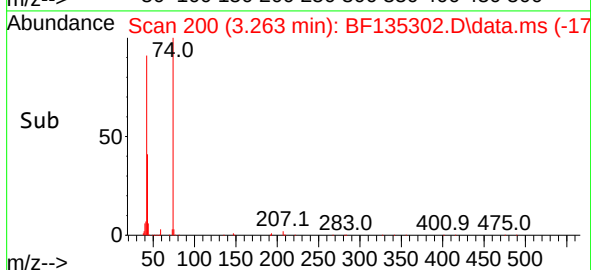
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

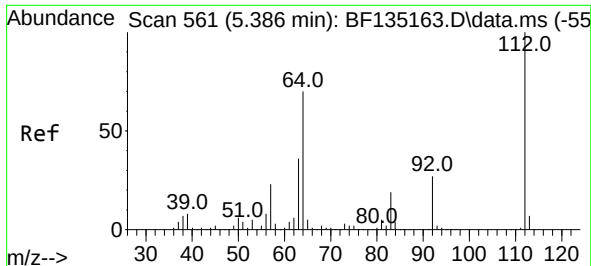


#4
n-Nitrosodimethylamine
Concen: 63.878 ng
RT: 3.263 min Scan# 200
Delta R.T. 0.077 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48



Tgt Ion: 42 Resp: 245679
Ion Ratio Lower Upper
42 100
74 110.1 87.7 131.5
44 6.8 5.6 8.4





#5
2-Fluorophenol
Concen: 124.990 ng
RT: 5.398 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

ClientSampleId :

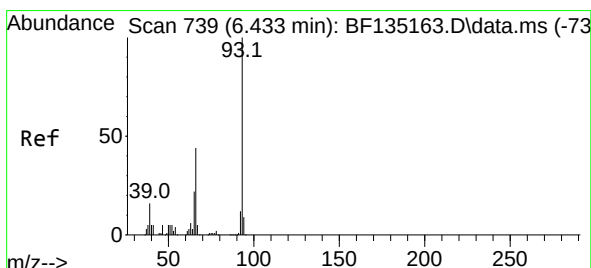
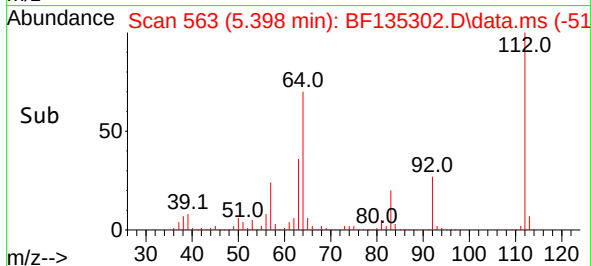
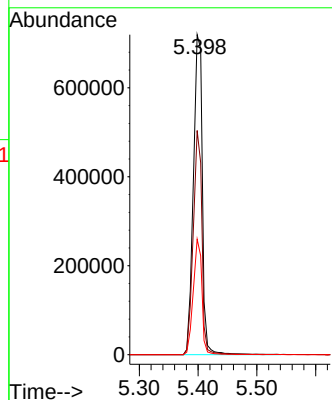
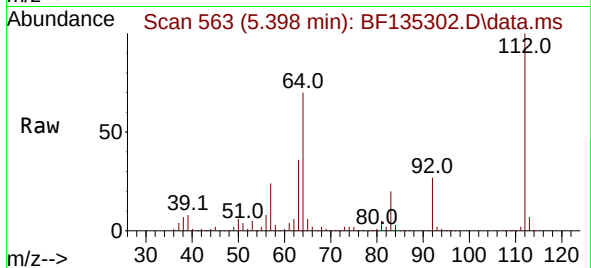
PB155317BS

Tgt Ion:112 Resp: 767812
Ion Ratio Lower Upper
112 100
64 70.1 55.9 83.9
63 36.1 29.0 43.6

Manual Integrations

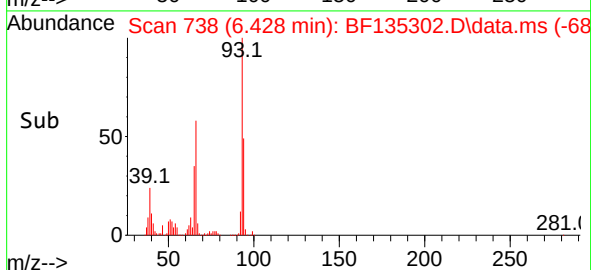
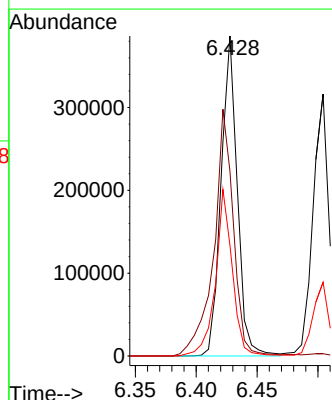
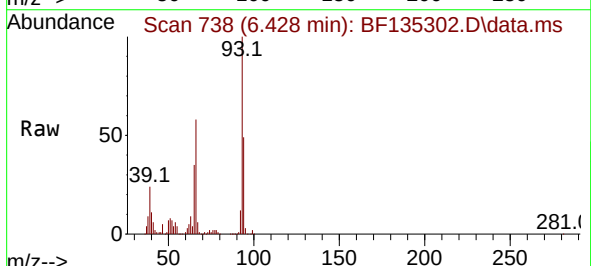
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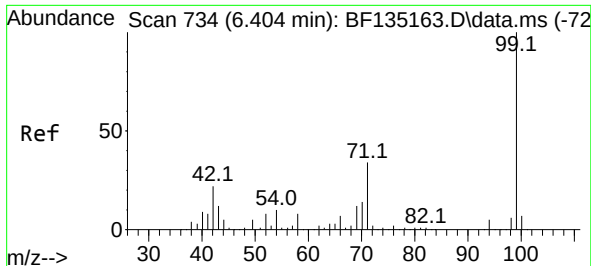
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#6
Aniline
Concen: 35.031 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Tgt Ion: 93 Resp: 358824
Ion Ratio Lower Upper
93 100
66 57.7 35.4 53.0#
65 34.6 17.8 26.8#





#7

Phenol-d6

Concen: 121.867 ng

RT: 6.410 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB155317BS

Tgt Ion: 99 Resp: 95192

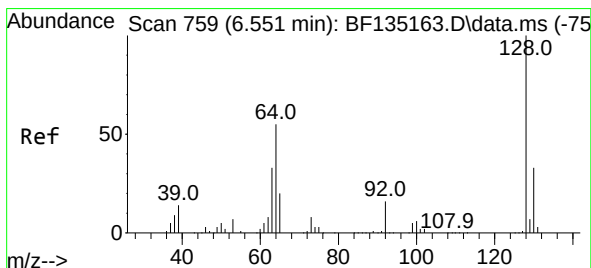
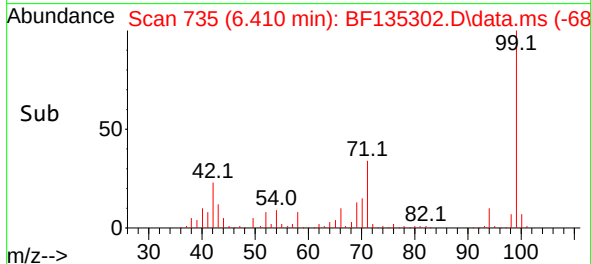
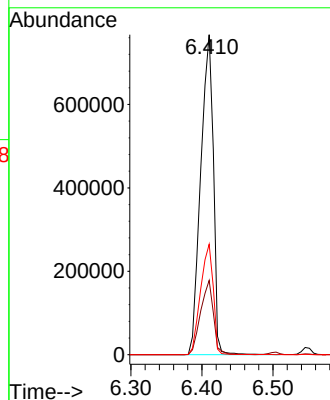
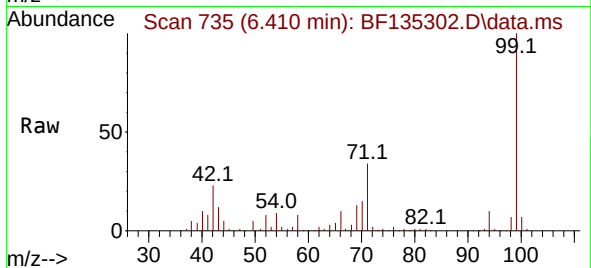
Ion	Ratio	Lower	Upper
99	100		
42	23.2	17.9	26.9
71	34.5	27.0	40.6

Manual Integrations

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Supervised By :mohammad ahmed 09/19/2023



#8

2-Chlorophenol

Concen: 45.940 ng

RT: 6.545 min Scan# 758

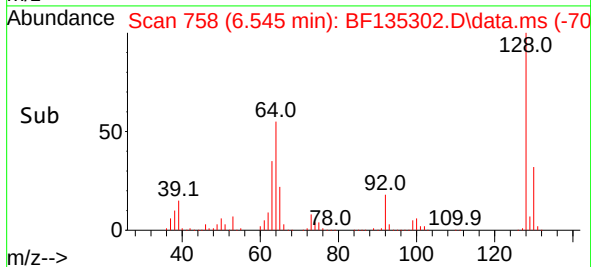
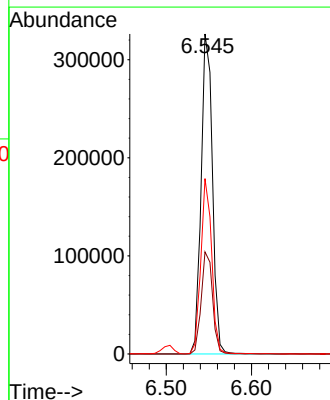
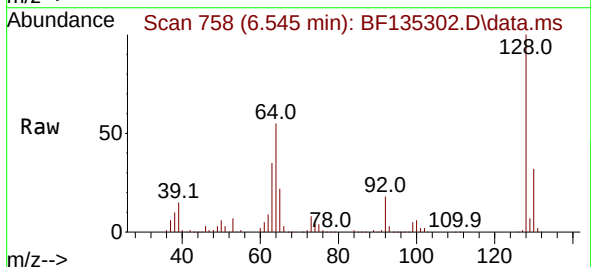
Delta R.T. -0.006 min

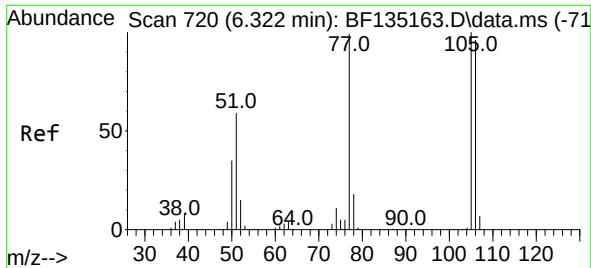
Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

Tgt Ion:128 Resp: 301261

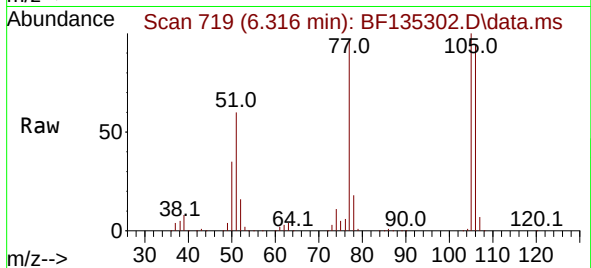
Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.7	52.7
64	54.8	35.9	75.9





#9
Benzaldehyde
Concen: 39.876 ng
RT: 6.316 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

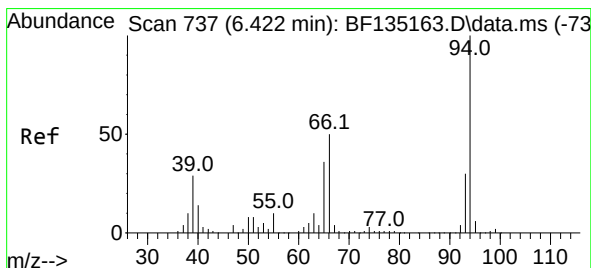
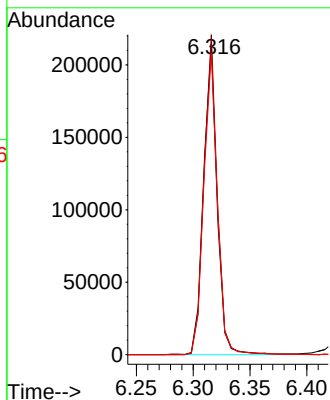
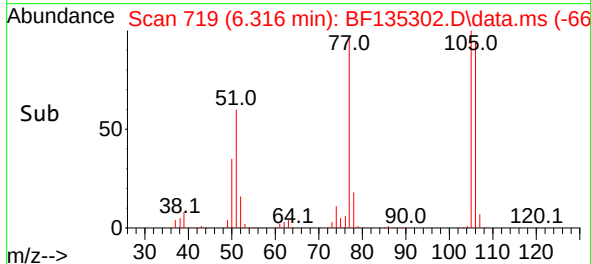
Instrument :
BNA_F
ClientSampleId :
PB155317BS



Tgt Ion: 77 Resp: 17744
Ion Ratio Lower Upper
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105 102.9 81.4 121.4
106 96.9 76.9 116.9

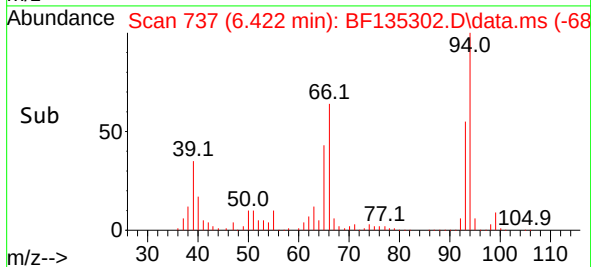
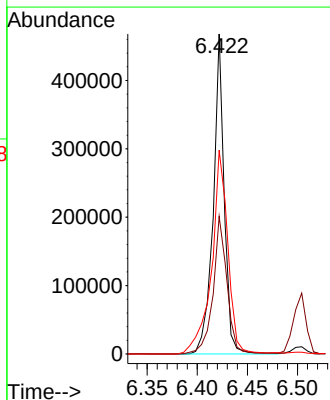
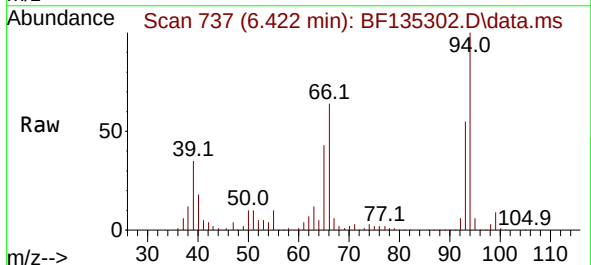
Manual Integrations
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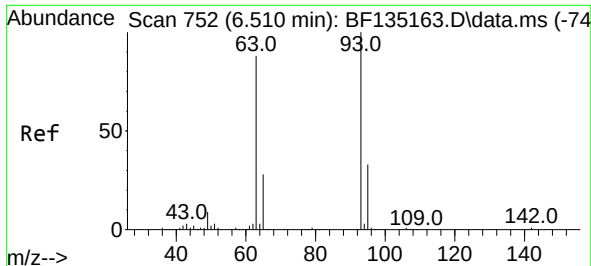
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#10
Phenol
Concen: 41.749 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Tgt Ion: 94 Resp: 357589
Ion Ratio Lower Upper
94 100
65 43.0 15.9 55.9
66 63.6 29.8 69.8





#11
bis(2-Chloroethyl)ether
Concen: 44.051 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

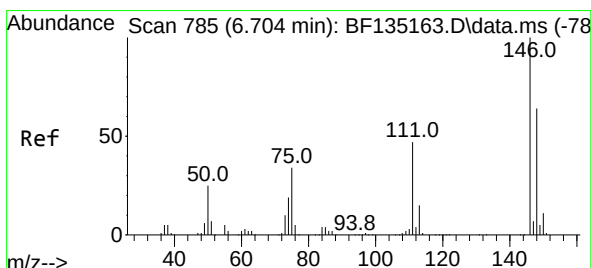
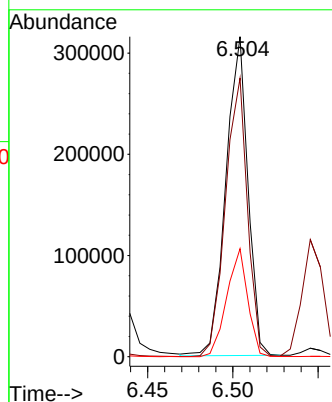
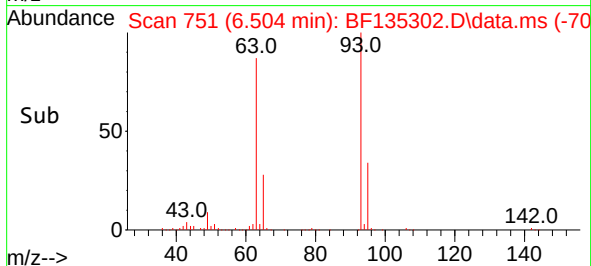
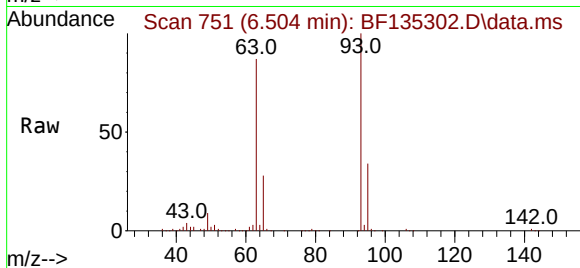
ClientSampleId :

PB155317BS

Tgt Ion: 93 Resp: 28302
Ion Ratio Lower Upper
93 100
63 87.0 67.3 107.3
95 33.8 12.7 52.7

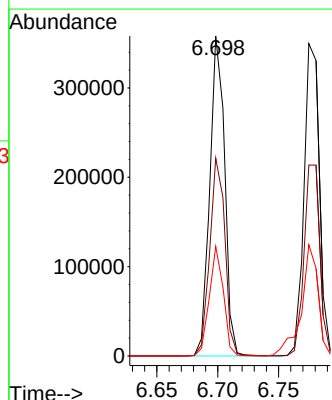
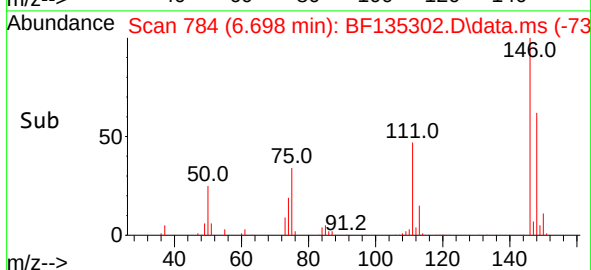
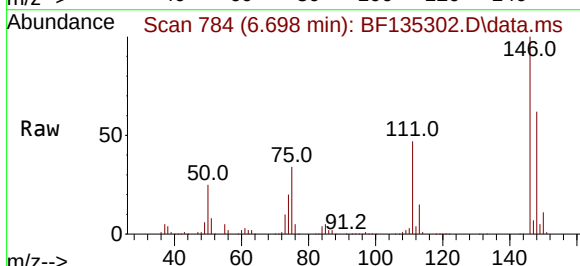
Manual Integrations
APPROVED

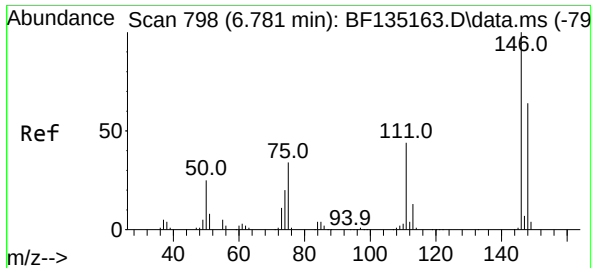
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#12
1,3-Dichlorobenzene
Concen: 45.771 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Tgt Ion:146 Resp: 305044
Ion Ratio Lower Upper
146 100
148 61.8 51.3 76.9
75 34.3 27.4 41.2





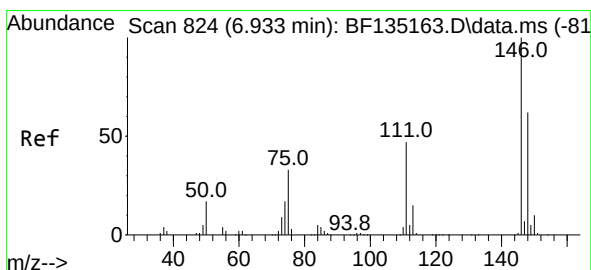
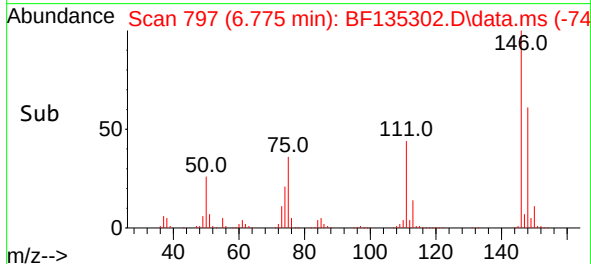
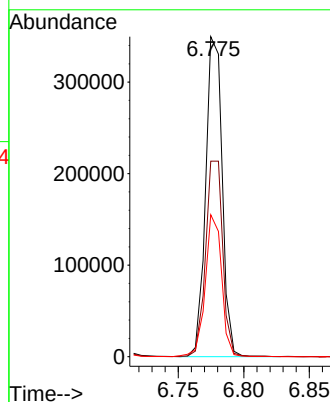
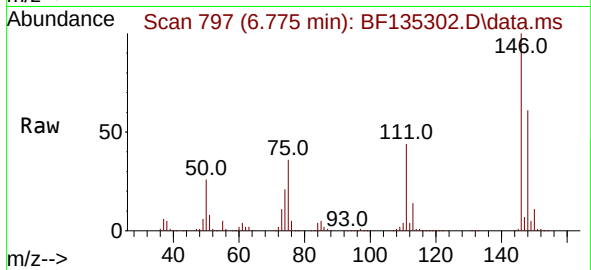
#13
1,4-Dichlorobenzene
Concen: 45.498 ng
RT: 6.775 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Instrument :
BNA_F
ClientSampleId :
PB155317BS

Tgt Ion:146 Resp: 30849
Ion Ratio Lower Upper
146 100
148 61.1 51.3 76.9
111 44.3 35.1 52.7

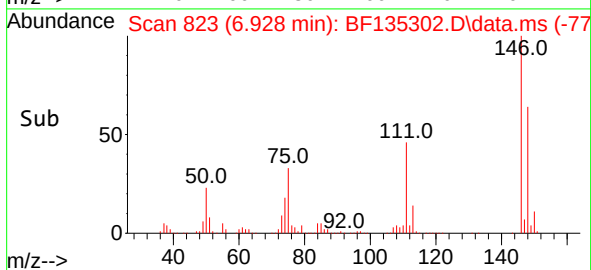
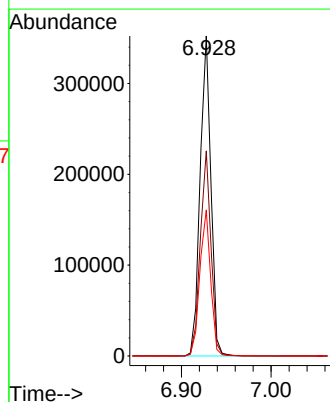
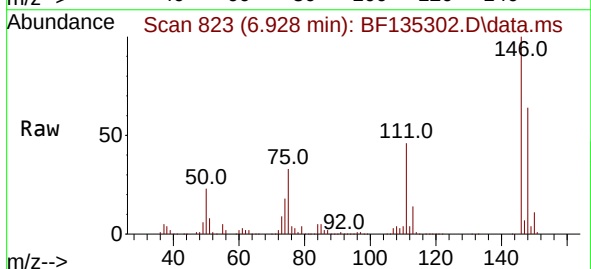
Manual Integrations
APPROVED

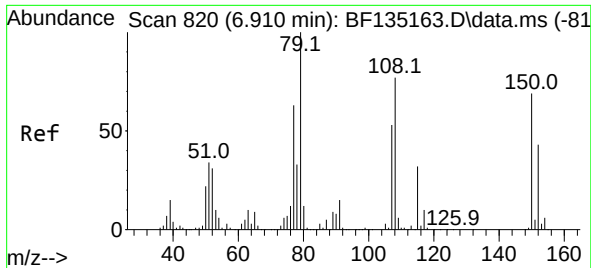
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#14
1,2-Dichlorobenzene
Concen: 46.715 ng
RT: 6.928 min Scan# 823
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Tgt Ion:146 Resp: 294155
Ion Ratio Lower Upper
146 100
148 64.1 49.7 74.5
111 45.7 37.4 56.2





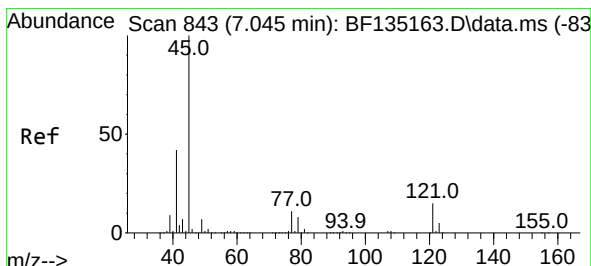
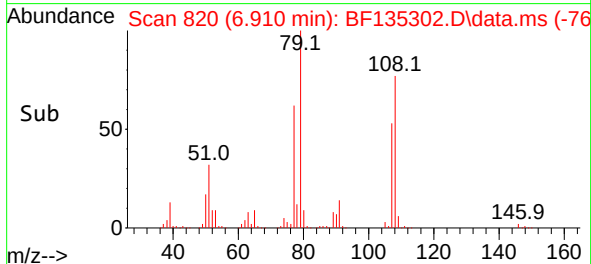
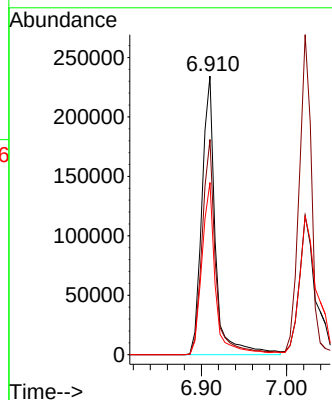
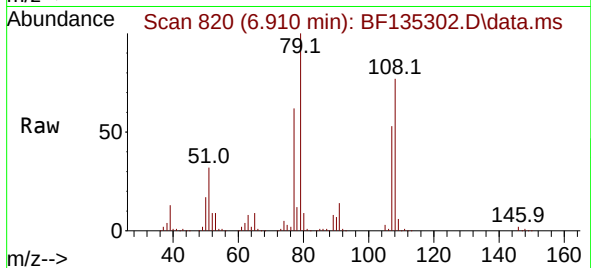
#15
Benzyl Alcohol
Concen: 46.105 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Instrument :
BNA_F
ClientSampleId :
PB155317BS

Tgt Ion: 79 Resp: 25842
Ion Ratio Lower Upper
79 100
108 77.3 61.2 91.8
77 61.8 50.5 75.7

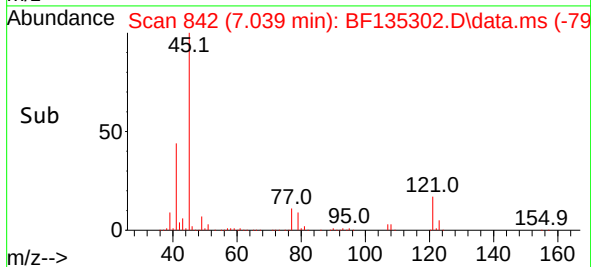
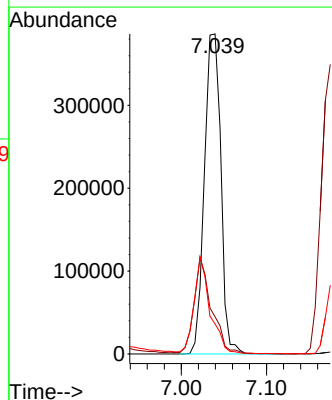
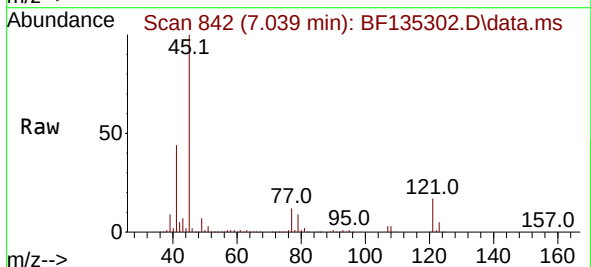
Manual Integrations
APPROVED

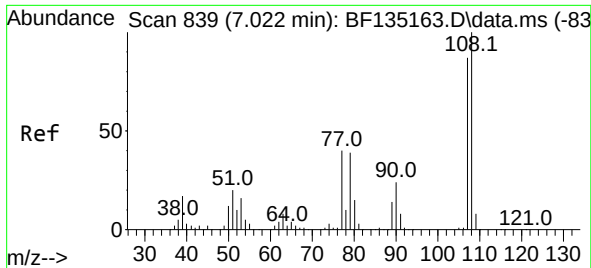
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.748 ng
RT: 7.039 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

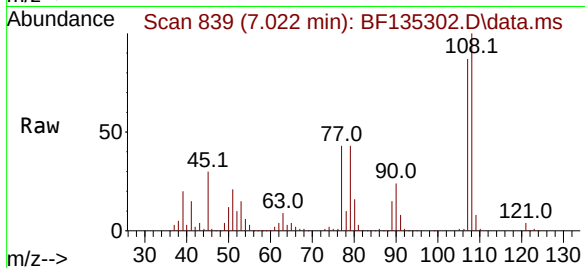
Tgt Ion: 45 Resp: 517696
Ion Ratio Lower Upper
45 100
77 11.6 0.0 30.6
79 9.4 0.0 28.3





#17
2-Methylphenol
Concen: 41.078 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

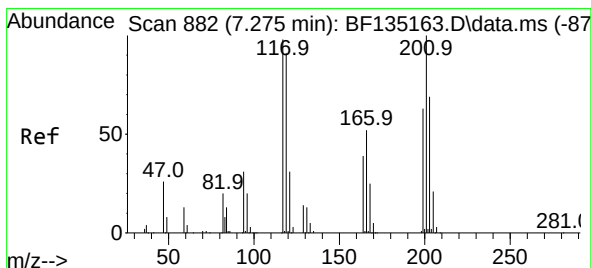
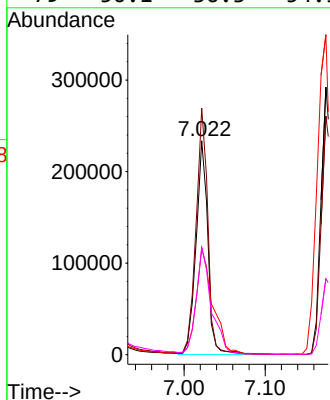
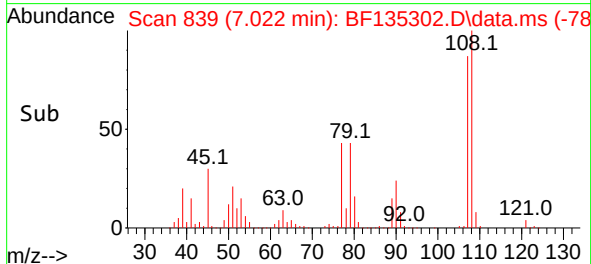
Instrument :
BNA_F
ClientSampleId :
PB155317BS



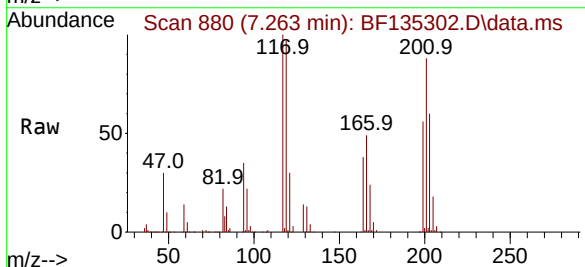
Tgt Ion:107 Resp: 237715
Ion Ratio Lower Upper
107 100
108 115.2 92.0 138.0
77 49.9 36.7 55.1
79 50.1 36.3 54.5

Manual Integrations
APPROVED

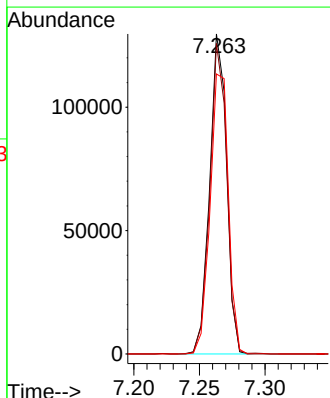
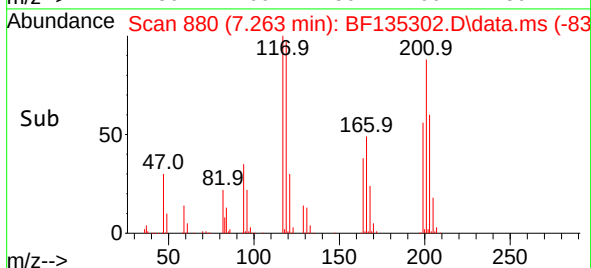
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

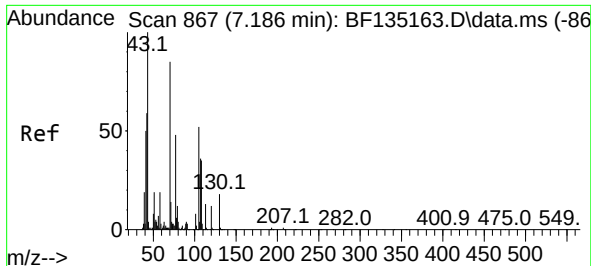


#18
Hexachloroethane
Concen: 46.736 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48



Tgt Ion:117 Resp: 117089
Ion Ratio Lower Upper
117 100
119 97.0 74.7 112.1
201 87.5 81.8 122.8





#19
n-Nitroso-di-n-propylamine
Concen: 42.215 ng
RT: 7.175 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

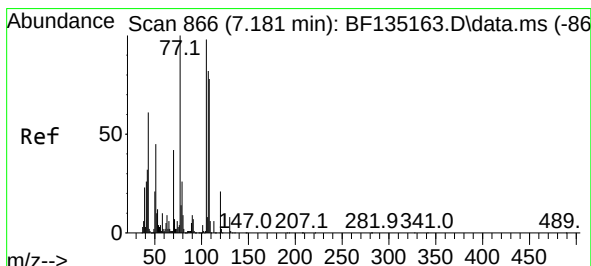
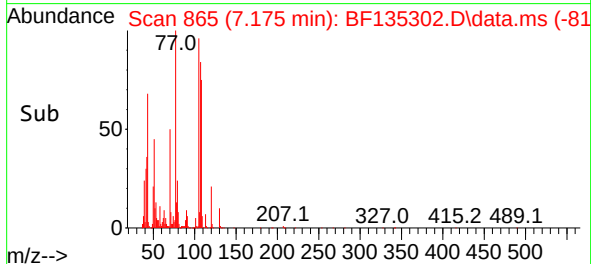
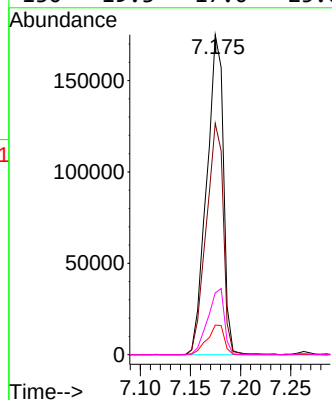
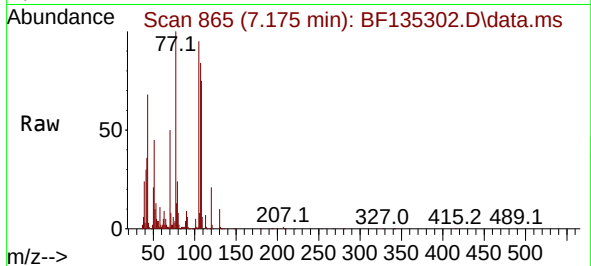
ClientSampleId :

PB155317BS

Tgt Ion: 70 Resp: 204248
Ion Ratio Lower Upper
70 100
42 72.3 55.4 83.0
101 9.2 7.7 11.5
130 19.3 17.0 25.6

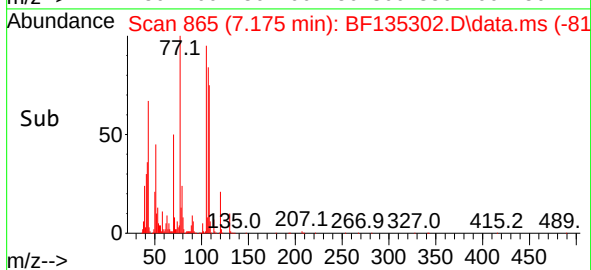
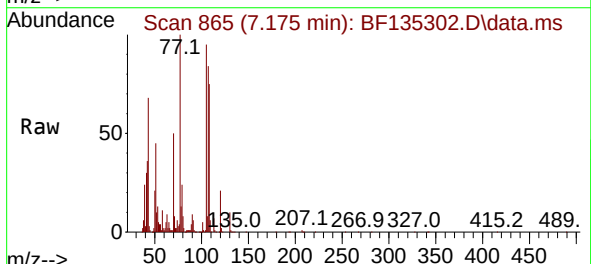
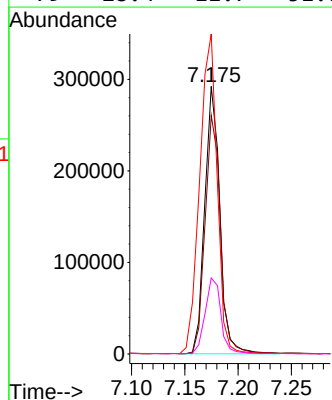
Manual Integrations
APPROVED

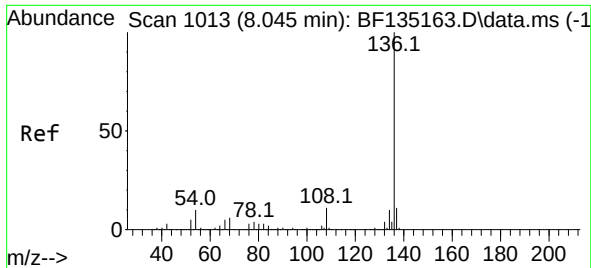
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#20
3+4-Methylphenols
Concen: 41.314 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Tgt Ion:107 Resp: 287488
Ion Ratio Lower Upper
107 100
108 89.2 74.7 114.7
77 119.6 102.0 142.0
79 28.4 11.7 51.7





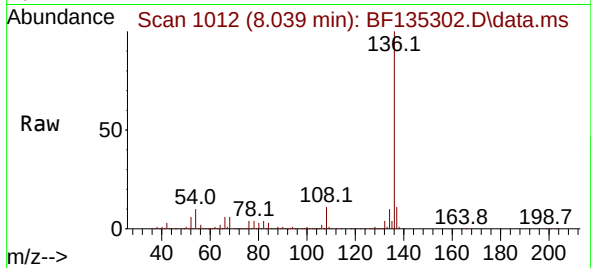
#21
Naphthalene-d8
Concen: 40.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB155317BS

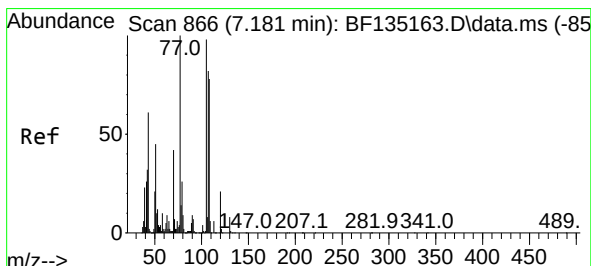
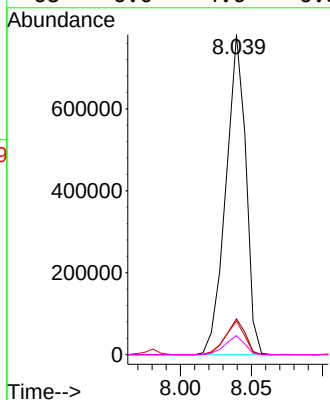
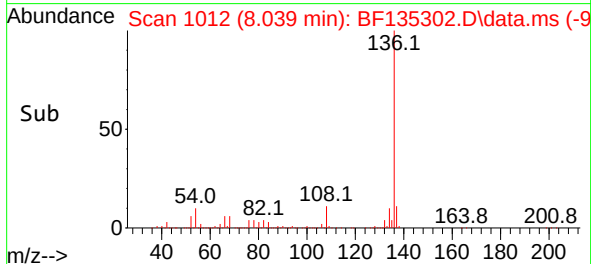


Tgt Ion:136 Resp: 762520
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.5 7.7 11.5
68 6.0 4.6 6.8

Manual Integrations

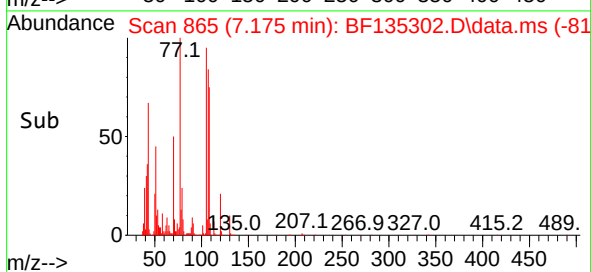
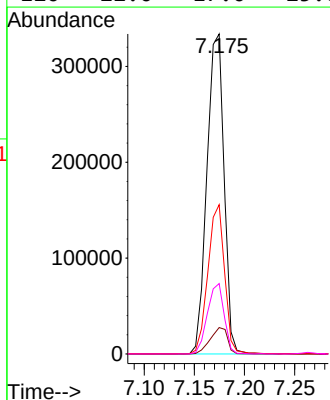
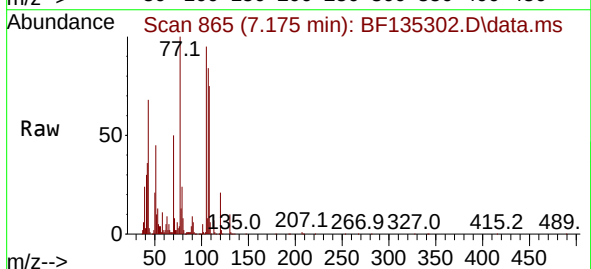
APPROVED

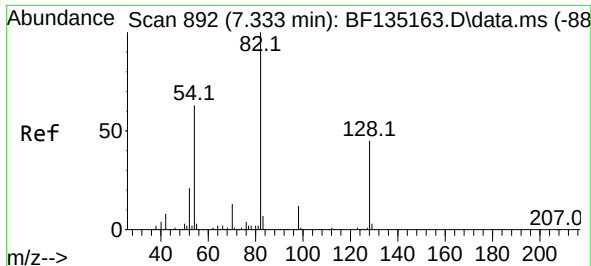
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#22
Acetophenone
Concen: 45.704 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Tgt Ion:105 Resp: 398383
Ion Ratio Lower Upper
105 100
71 8.2 5.8 8.6
51 46.7 37.0 55.4
120 22.0 17.0 25.6





#23

Nitrobenzene-d5

Concen: 87.279 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB155317BS

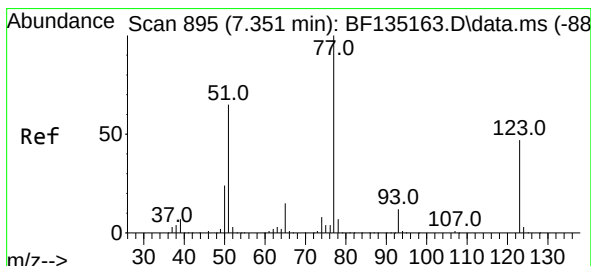
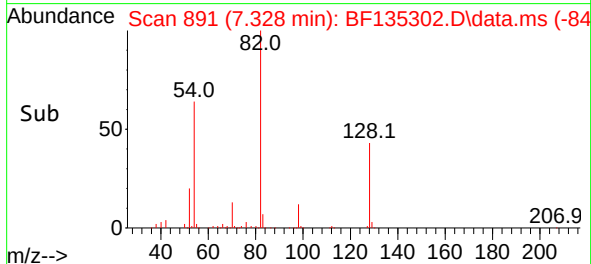
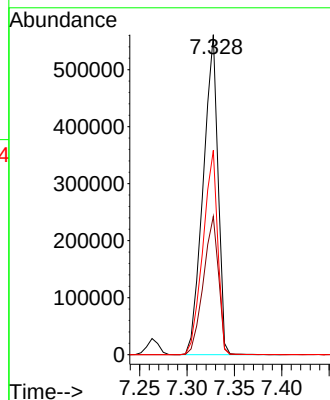
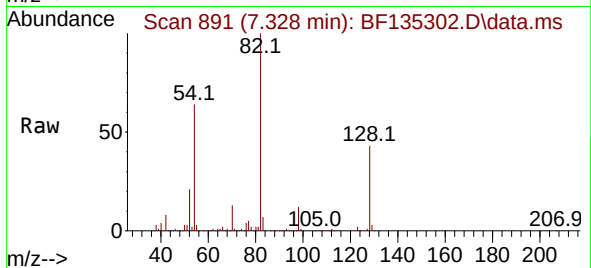
Tgt Ion: 82 Resp: 612489

Ion	Ratio	Lower	Upper
82	100		
128	43.2	35.8	53.6
54	63.9	50.6	76.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#24

Nitrobenzene

Concen: 45.733 ng

RT: 7.345 min Scan# 894

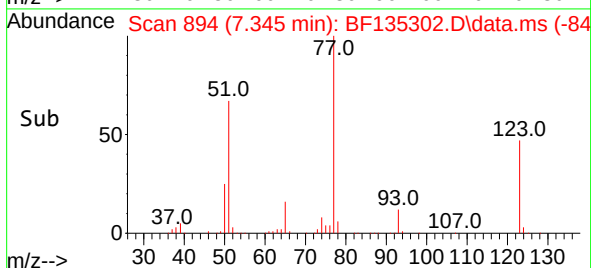
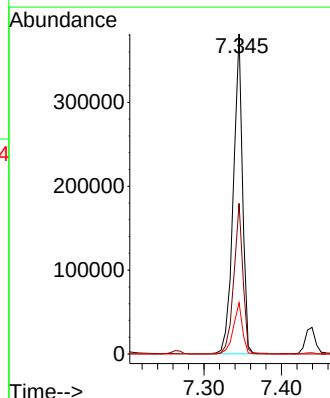
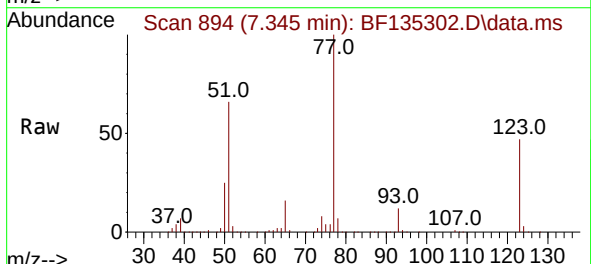
Delta R.T. -0.006 min

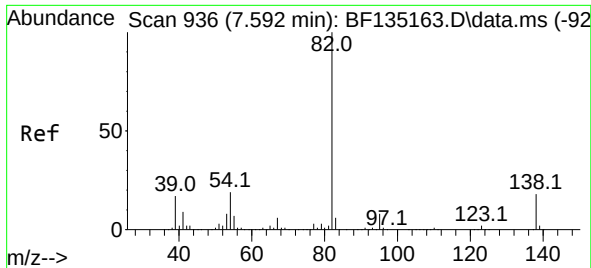
Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

Tgt Ion: 77 Resp: 317213

Ion	Ratio	Lower	Upper
77	100		
123	47.1	37.6	56.4
65	16.0	12.2	18.4





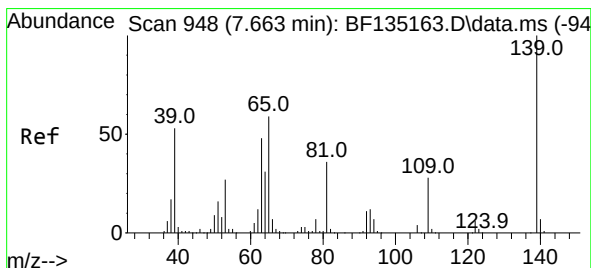
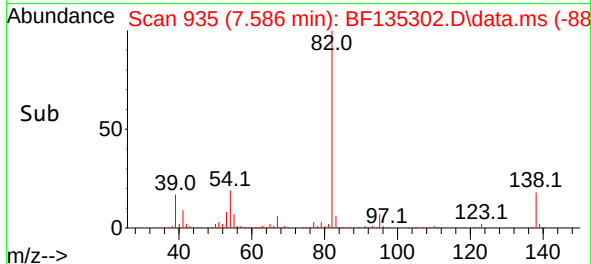
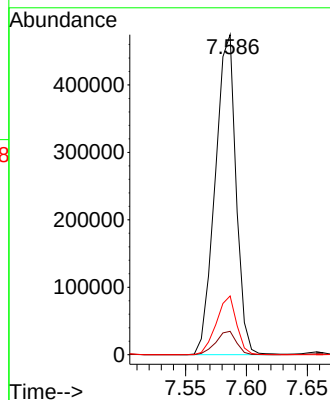
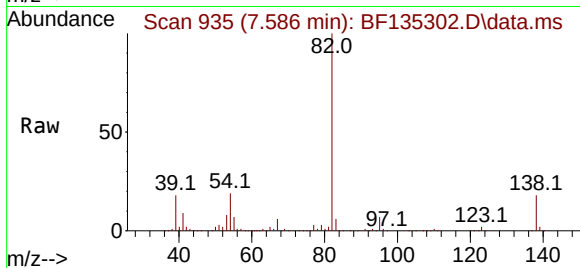
#25
Isophorone
Concen: 43.881 ng
RT: 7.586 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Instrument :
BNA_F
ClientSampleId :
PB155317BS

Tgt Ion: 82 Resp: 56545
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 18.3 14.5 21.7

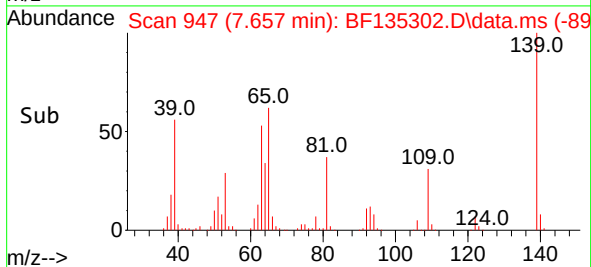
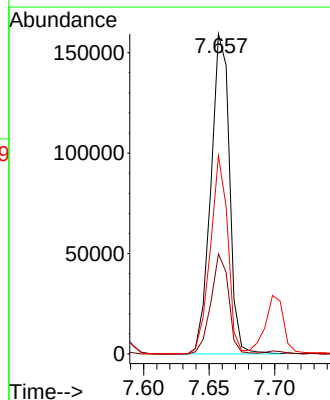
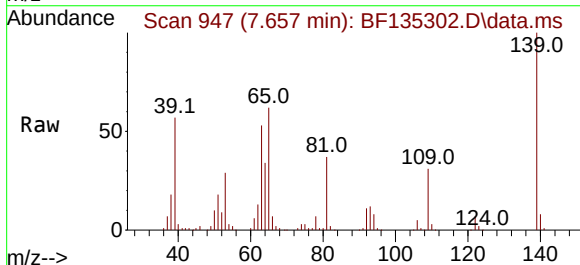
Manual Integrations
APPROVED

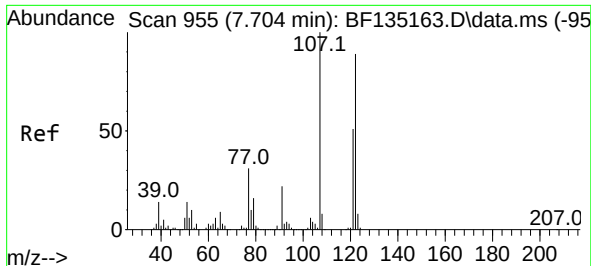
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#26
2-Nitrophenol
Concen: 47.349 ng
RT: 7.657 min Scan# 947
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Tgt Ion:139 Resp: 157624
Ion Ratio Lower Upper
139 100
109 31.2 22.6 33.8
65 62.0 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 46.561 ng

RT: 7.704 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135302.D

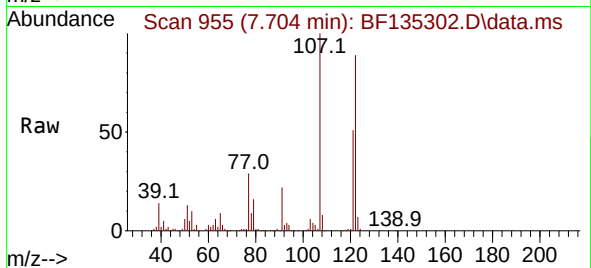
Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB155317BS



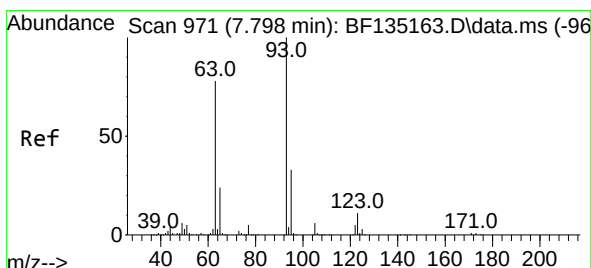
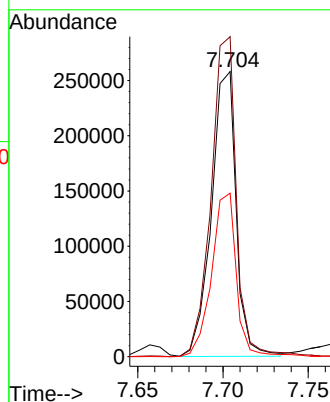
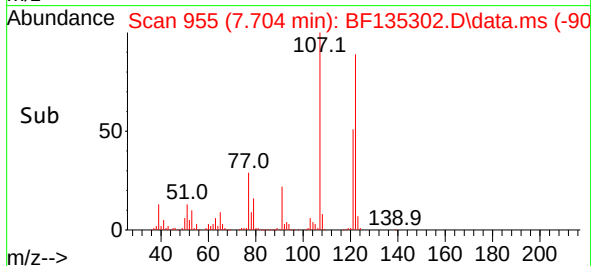
Tgt Ion:	122	Resp:	260538
Ion Ratio	Lower	Upper	
122	100		
107	112.2	90.2	135.4
121	57.4	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#28

bis(2-Chloroethoxy)methane

Concen: 45.069 ng

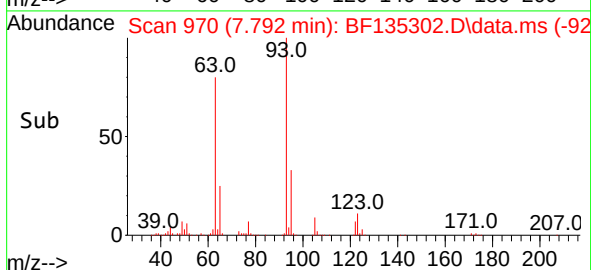
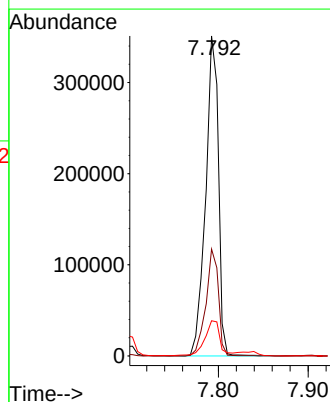
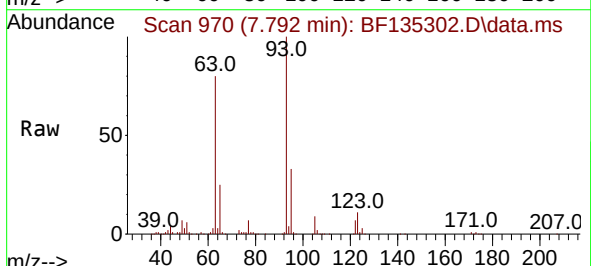
RT: 7.792 min Scan# 970

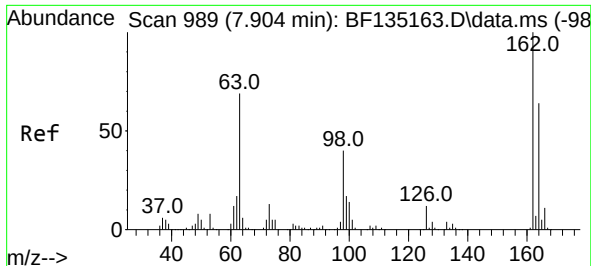
Delta R.T. -0.006 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

Tgt Ion:	93	Resp:	347607
Ion Ratio	Lower	Upper	
93	100		
95	33.4	26.2	39.2
123	11.0	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 46.532 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF135302.D

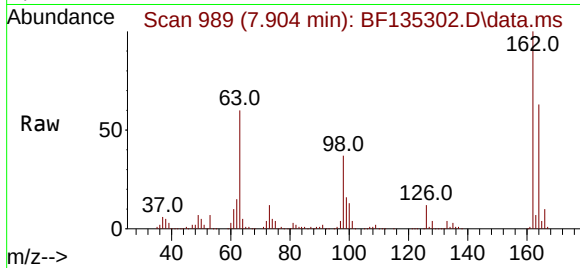
Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB155317BS



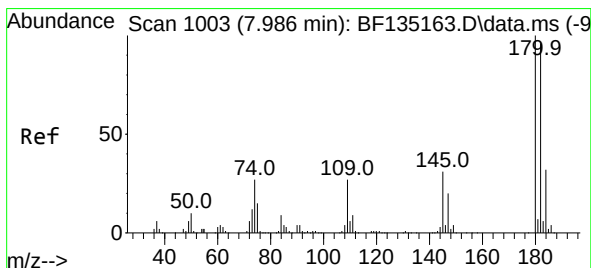
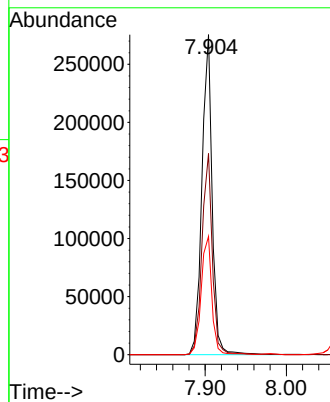
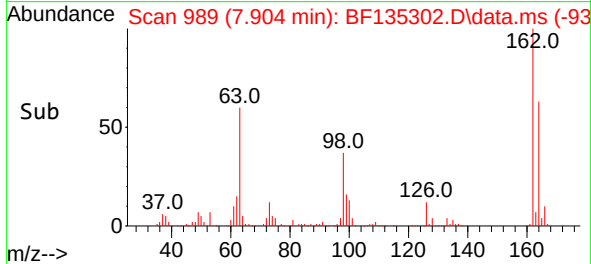
Tgt Ion:	162	Resp:	241260
Ion Ratio	Lower	Upper	
162	100		
164	62.8	44.1	84.1
98	37.0	20.3	60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#30

1,2,4-Trichlorobenzene

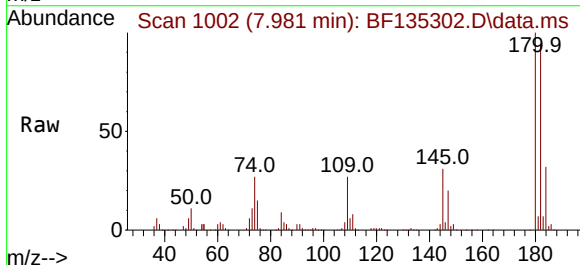
Concen: 48.174 ng

RT: 7.981 min Scan# 1002

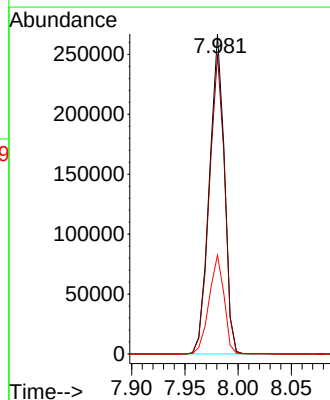
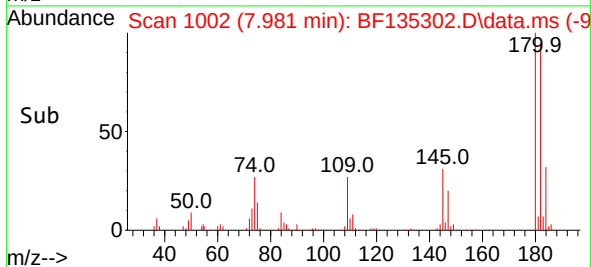
Delta R.T. -0.006 min

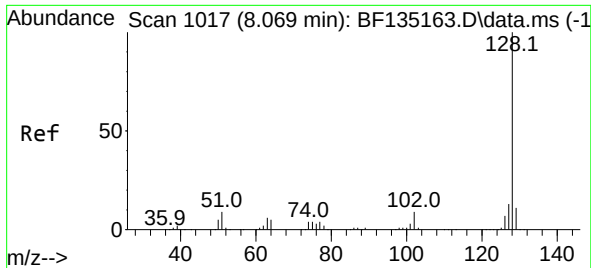
Lab File: BF135302.D

Acq: 18 Sep 2023 12:48



Tgt Ion:	180	Resp:	261080
Ion Ratio	Lower	Upper	
180	100		
182	93.6	76.9	115.3
145	30.9	24.5	36.7





#31
Naphthalene
Concen: 46.059 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

ClientSampleId :

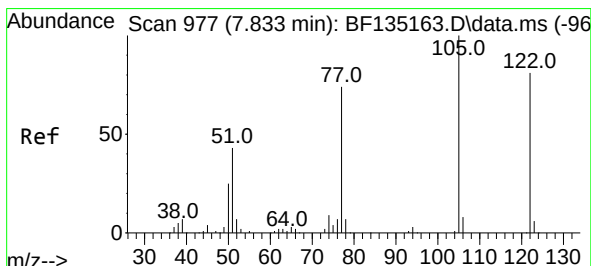
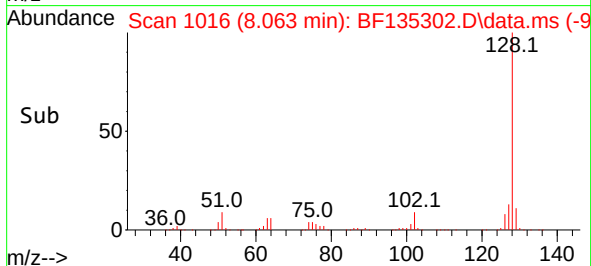
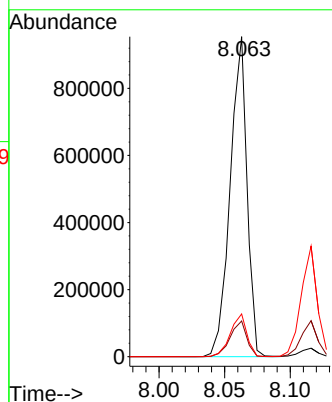
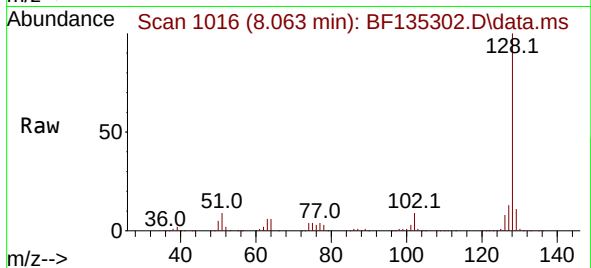
PB155317BS

Tgt Ion:128 Resp: 853218
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.3 10.7 16.1

Manual Integrations

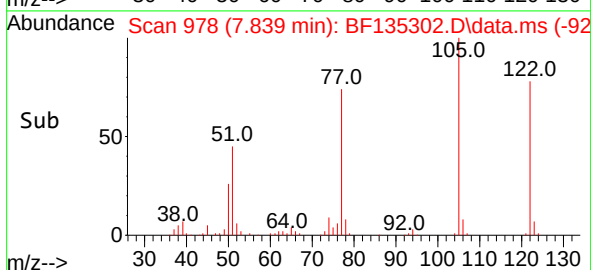
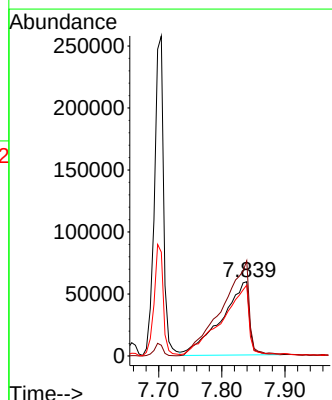
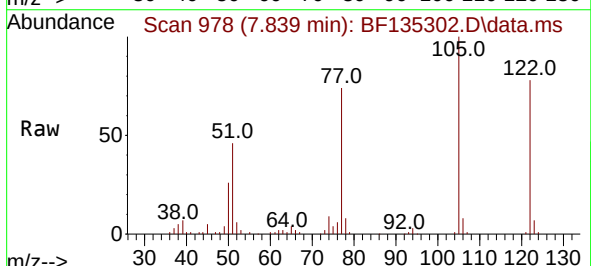
APPROVED

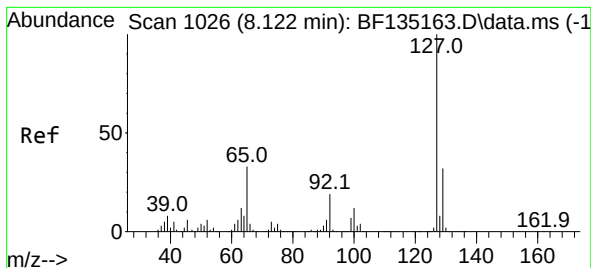
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#32
Benzoic acid
Concen: 43.311 ng
RT: 7.839 min Scan# 978
Delta R.T. 0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Tgt Ion:122 Resp: 182493
Ion Ratio Lower Upper
122 100
105 128.2 99.9 139.9
77 95.4 70.0 110.0





#33

4-Chloroaniline

Concen: 36.170 ng

RT: 8.116 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB155317BS

Tgt Ion:127 Resp: 293960

Ion Ratio Lower Upper

127 100

129 32.5 25.8 38.8

65 33.2 26.6 39.8

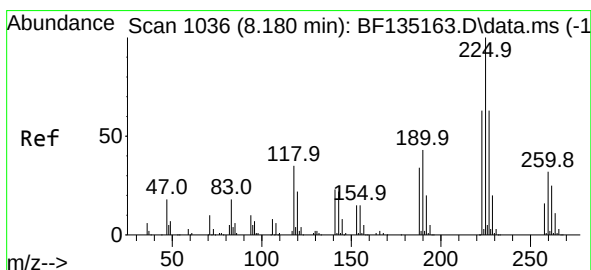
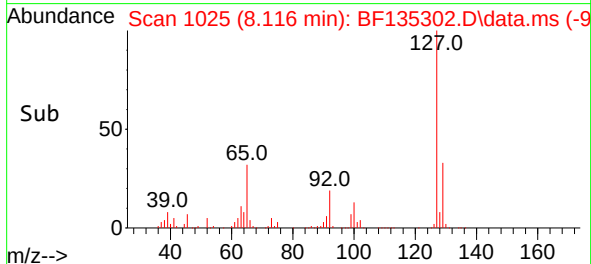
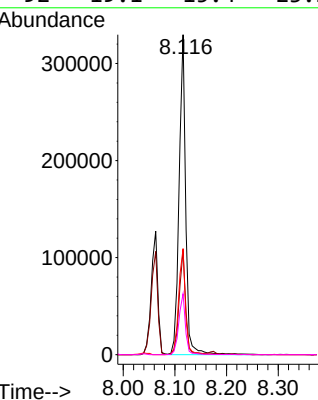
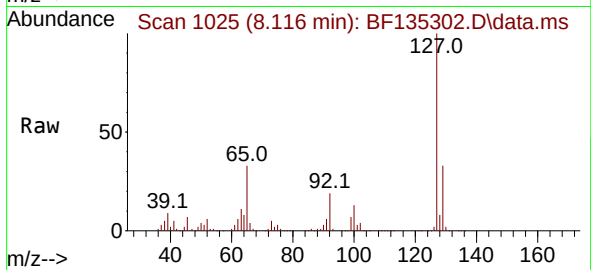
92 19.1 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#34

Hexachlorobutadiene

Concen: 46.936 ng

RT: 8.175 min Scan# 1035

Delta R.T. -0.006 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

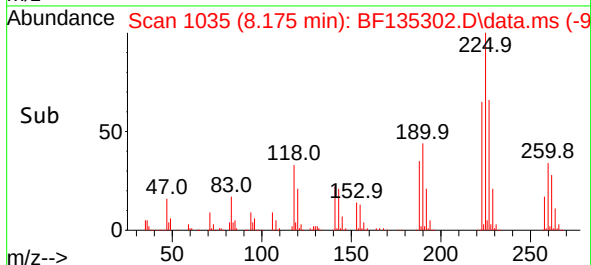
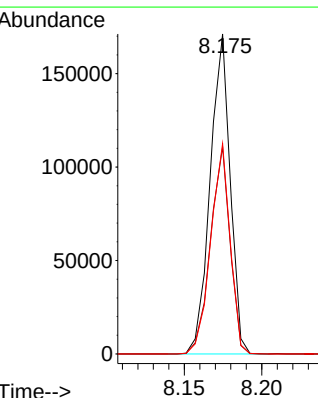
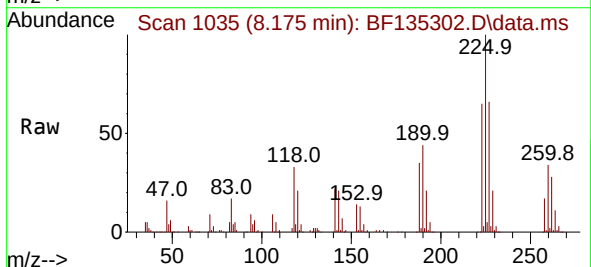
Tgt Ion:225 Resp: 153379

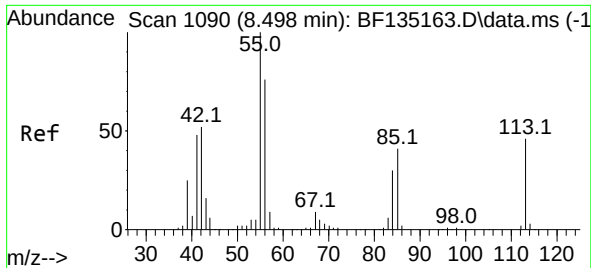
Ion Ratio Lower Upper

225 100

223 64.7 50.6 75.8

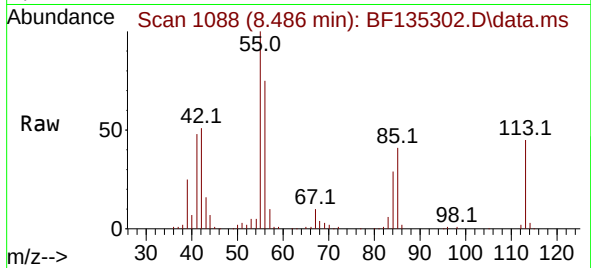
227 65.7 50.8 76.2





#35
 Caprolactam
 Concen: 46.726 ng m
 RT: 8.486 min Scan# 1088
 Delta R.T. -0.012 min
 Lab File: BF135302.D
 Acq: 18 Sep 2023 12:48

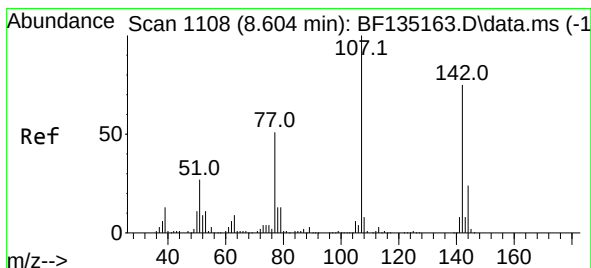
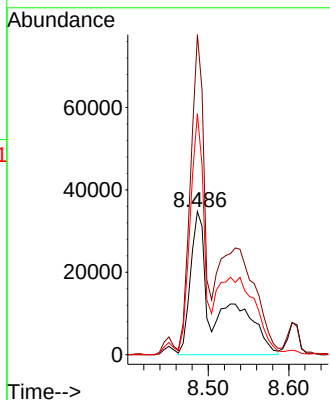
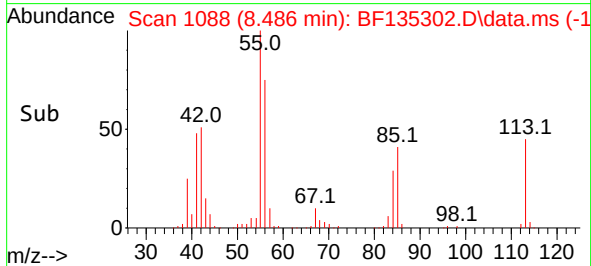
Instrument :
 BNA_F
 ClientSampleId :
 PB155317BS



Tgt Ion:113 Resp: 81310
 Ion Ratio Lower Upper
 113 100
 55 223.5 199.3 239.3
 56 168.3 146.3 186.3

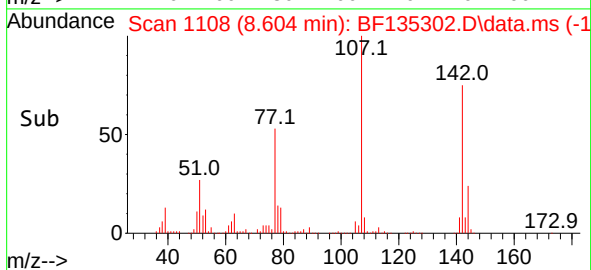
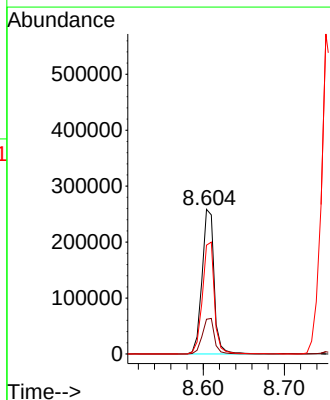
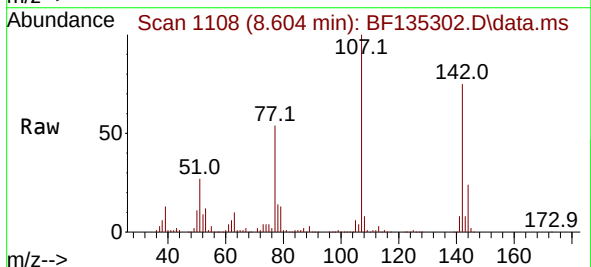
Manual Integrations
 APPROVED

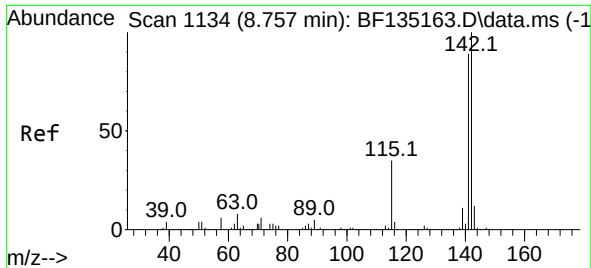
Reviewed By :Yogesh Patel 09/19/2023
 Supervised By :mohammad ahmed 09/19/2023



#36
 4-Chloro-3-methylphenol
 Concen: 46.324 ng
 RT: 8.604 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: BF135302.D
 Acq: 18 Sep 2023 12:48

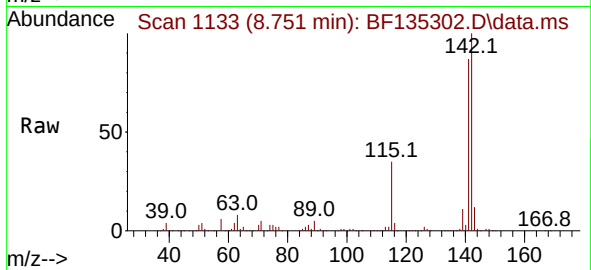
Tgt Ion:107 Resp: 266951
 Ion Ratio Lower Upper
 107 100
 144 24.0 19.0 28.4
 142 75.2 60.2 90.2





#37
2-Methylnaphthalene
Concen: 44.065 ng
RT: 8.751 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

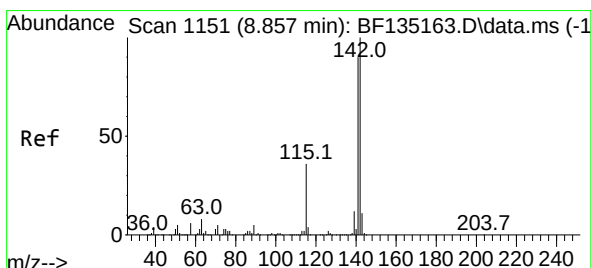
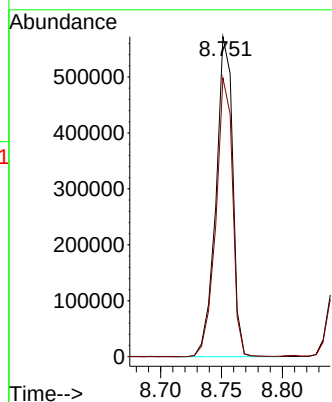
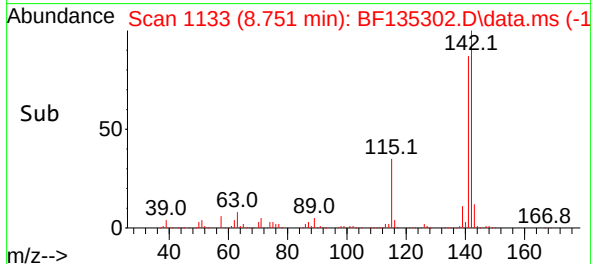
Instrument :
BNA_F
ClientSampleId :
PB155317BS



Tgt Ion:142 Resp: 548699
Ion Ratio Lower Upper
142 100
141 87.1 71.0 106.6

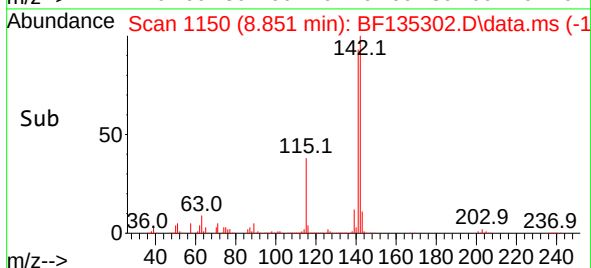
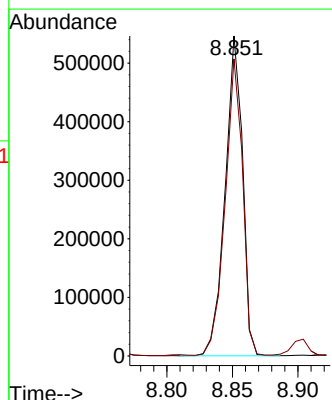
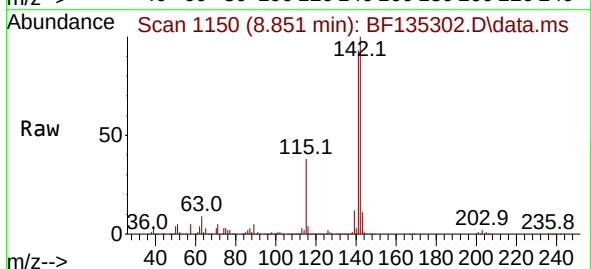
Manual Integrations
APPROVED

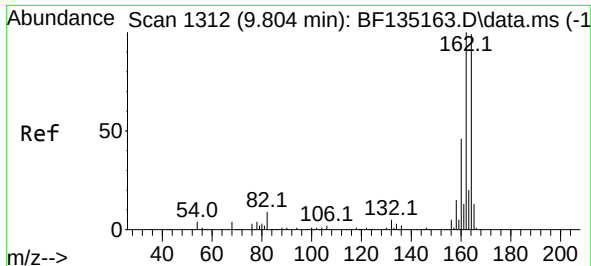
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#38
1-Methylnaphthalene
Concen: 43.280 ng
RT: 8.851 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

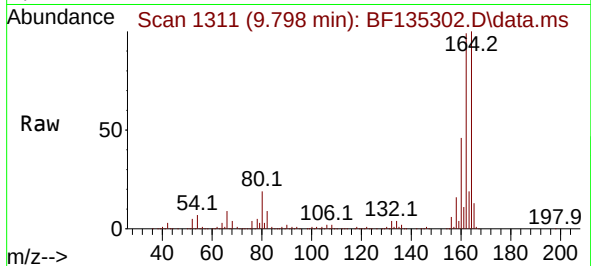
Tgt Ion:142 Resp: 504563
Ion Ratio Lower Upper
142 100
141 92.9 72.4 108.6





#39
Acenaphthene-d10
Concen: 40.000 ng
RT: 9.798 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

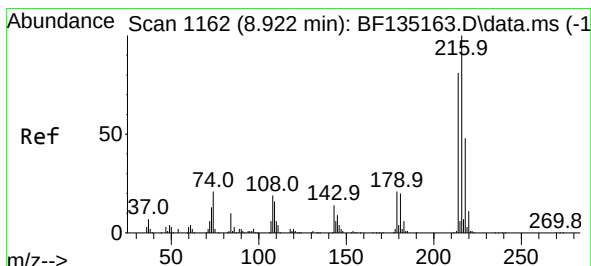
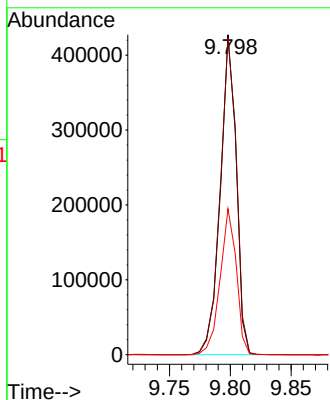
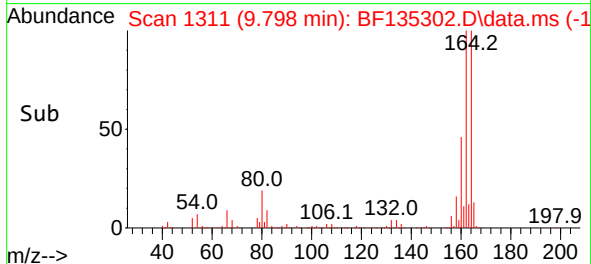
Instrument :
BNA_F
ClientSampleId :
PB155317BS



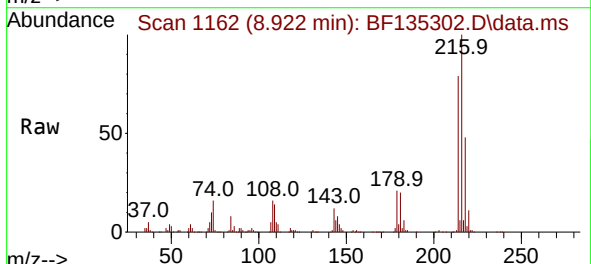
Tgt Ion:164 Resp: 389274
Ion Ratio Lower Upper
164 100
162 99.1 81.0 121.4
160 45.6 37.0 55.4

Manual Integrations
APPROVED

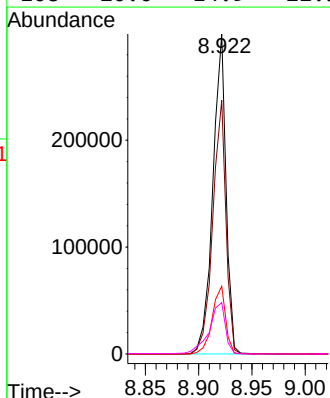
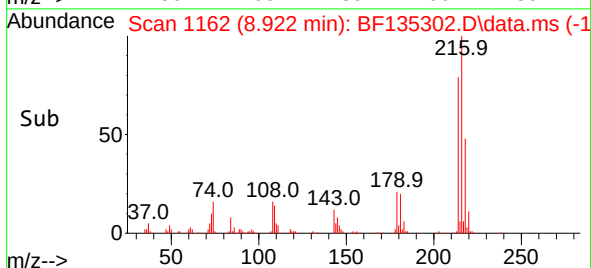
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

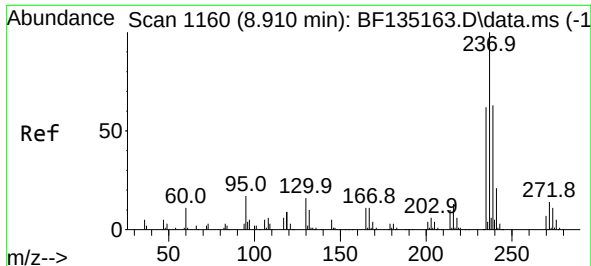


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.490 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48



Tgt Ion:216 Resp: 256507
Ion Ratio Lower Upper
216 100
214 79.5 63.7 95.5
179 21.6 16.7 25.1
108 20.0 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 89.261 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

ClientSampleId :

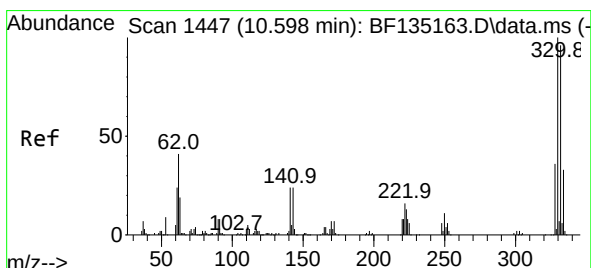
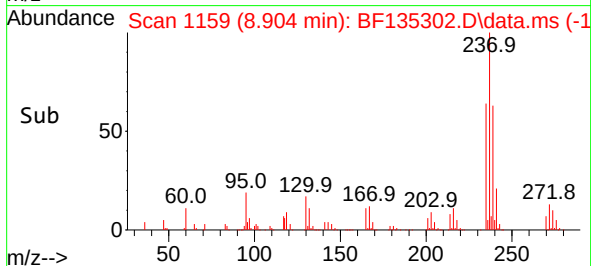
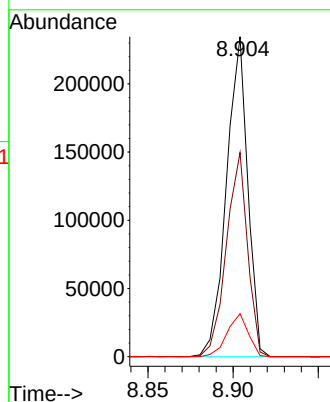
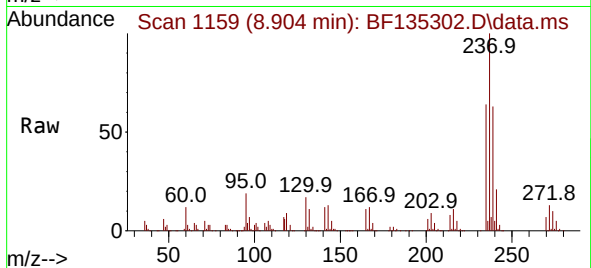
PB155317BS

Tgt Ion:237 Resp: 203908
Ion Ratio Lower Upper
237 100
235 63.8 41.8 81.8
272 13.5 0.0 33.6

Manual Integrations

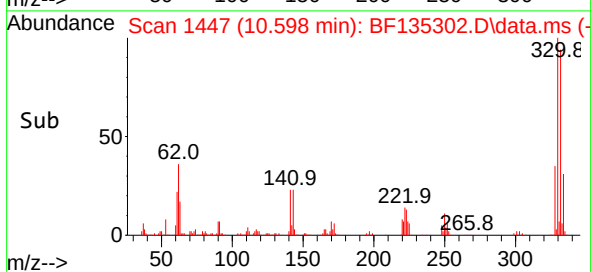
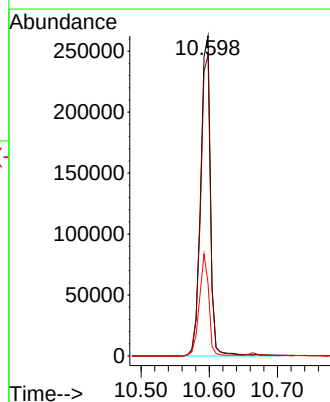
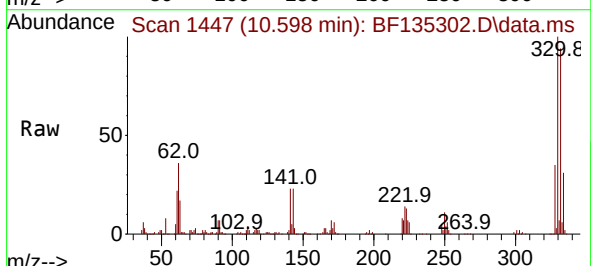
APPROVED

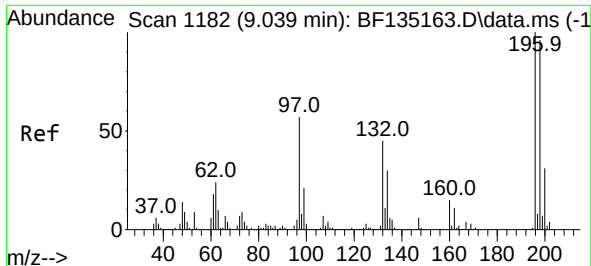
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#42
2,4,6-Tribromophenol
Concen: 136.312 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Tgt Ion:330 Resp: 263658
Ion Ratio Lower Upper
330 100
332 94.7 77.3 115.9
141 30.7 25.8 38.8





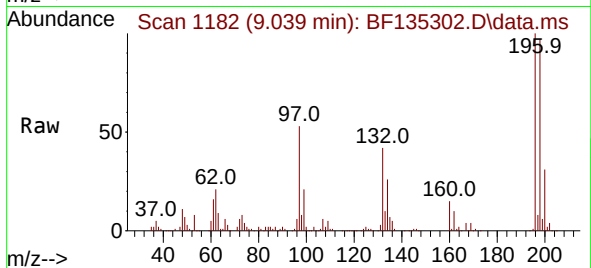
#43
2,4,6-Trichlorophenol
Concen: 46.021 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB155317BS

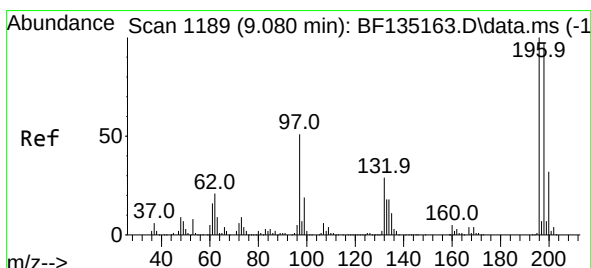
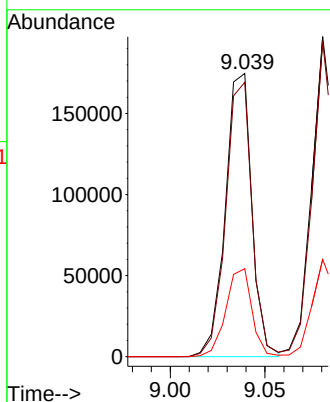
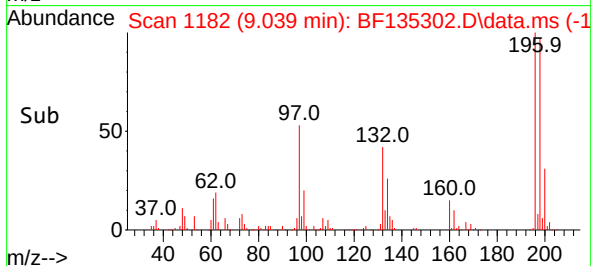


Tgt Ion:196 Resp: 169900
Ion Ratio Lower Upper
196 100
198 96.9 77.0 115.6
200 31.1 24.5 36.7

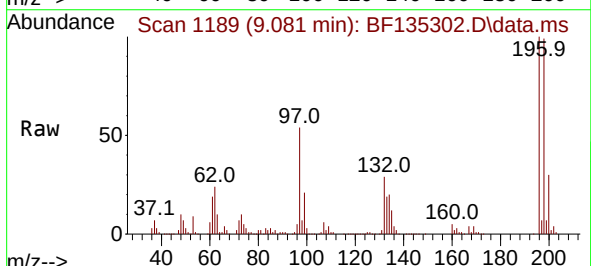
Manual Integrations

APPROVED

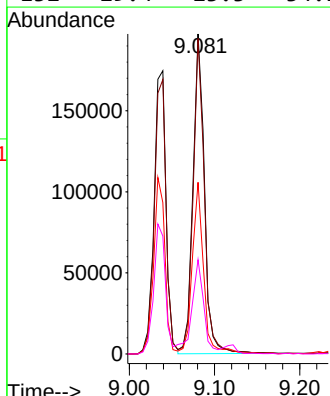
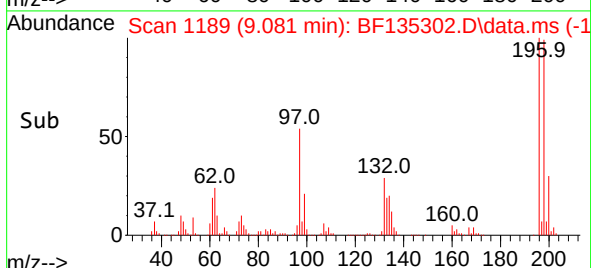
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

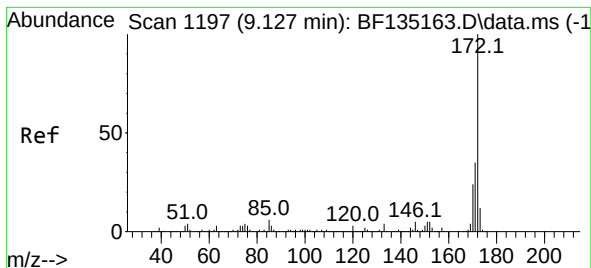


#44
2,4,5-Trichlorophenol
Concen: 43.410 ng
RT: 9.081 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48



Tgt Ion:196 Resp: 184568
Ion Ratio Lower Upper
196 100
198 98.6 77.5 116.3
97 53.7 40.5 60.7
132 29.4 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 86.070 ng

RT: 9.122 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB155317BS

Tgt Ion:172 Resp: 1110374

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

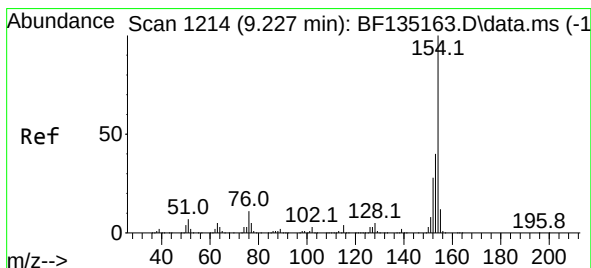
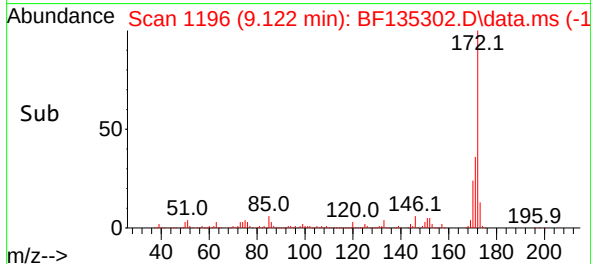
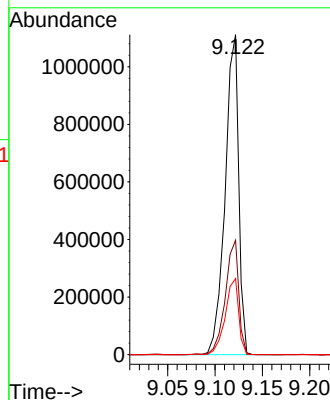
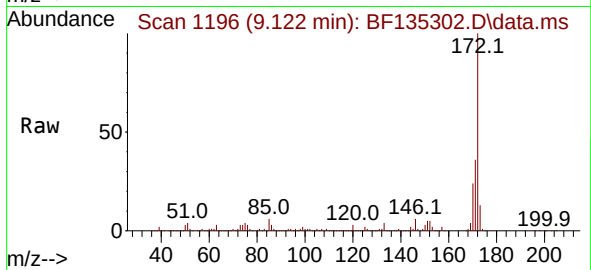
170 23.8 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#46

1,1'-Biphenyl

Concen: 45.350 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

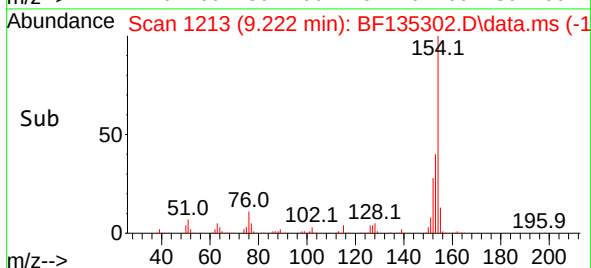
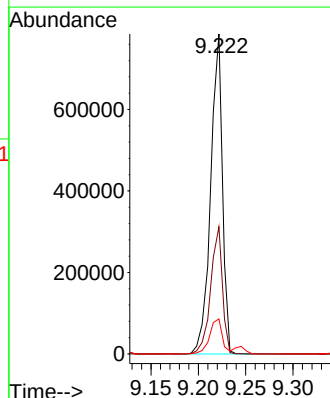
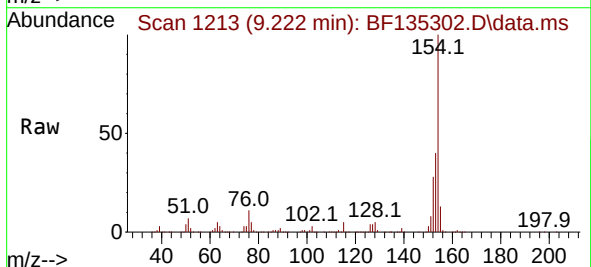
Tgt Ion:154 Resp: 678321

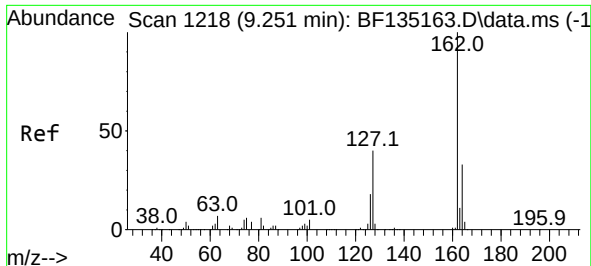
Ion Ratio Lower Upper

154 100

153 39.8 19.6 59.6

76 10.9 0.0 31.0





#47

2-Chloronaphthalene

Concen: 46.641 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB155317BS

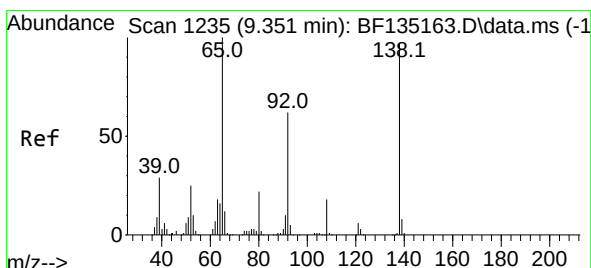
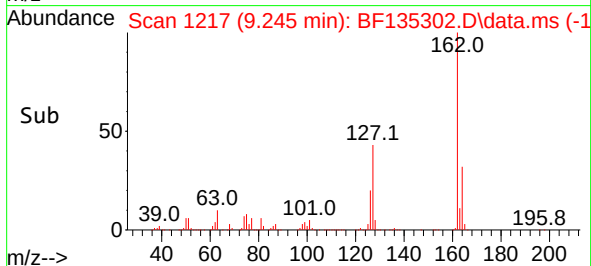
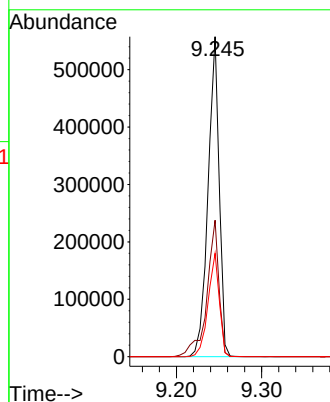
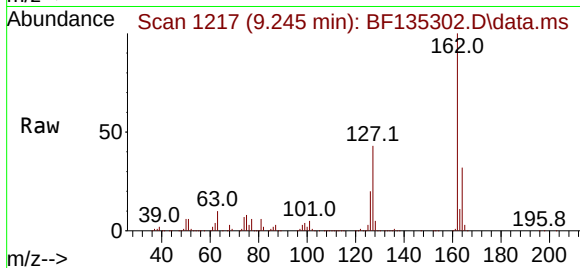
Tgt Ion:	162	Resp:	506179
Ion Ratio	Lower	Upper	
162	100		
127	42.7	32.6	48.8
164	32.3	26.2	39.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#48

2-Nitroaniline

Concen: 46.022 ng

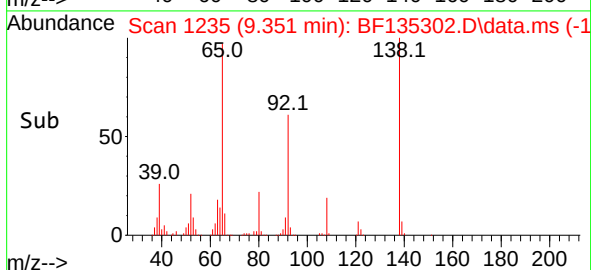
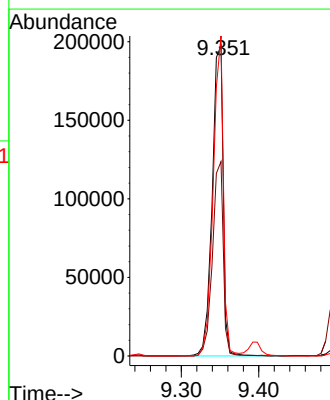
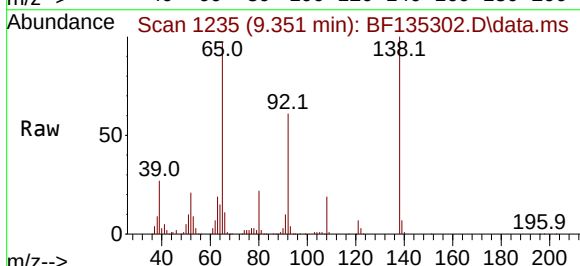
RT: 9.351 min Scan# 1235

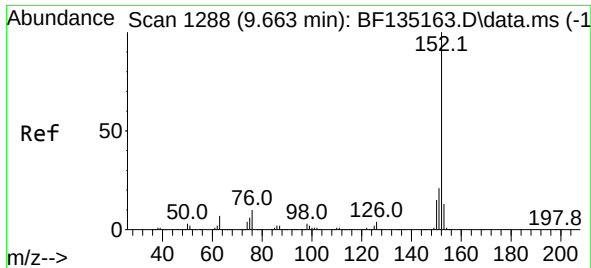
Delta R.T. 0.000 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

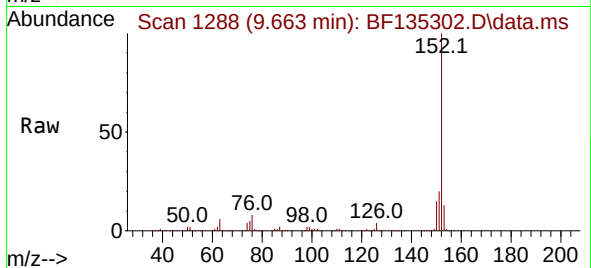
Tgt Ion:	65	Resp:	194039
Ion Ratio	Lower	Upper	
65	100		
92	62.7	49.4	74.0
138	103.1	77.4	116.0





#49
Acenaphthylene
Concen: 45.058 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

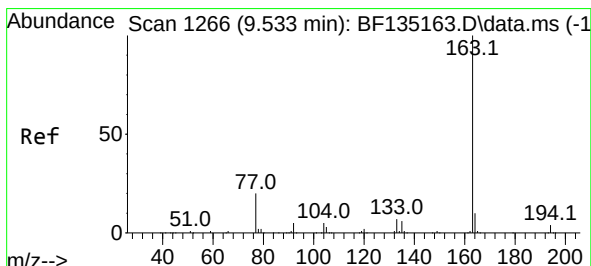
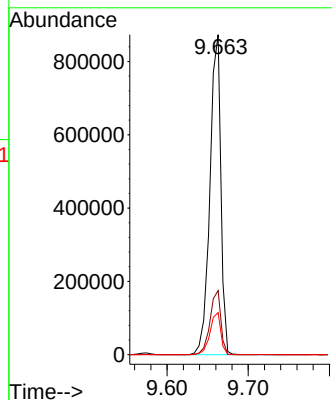
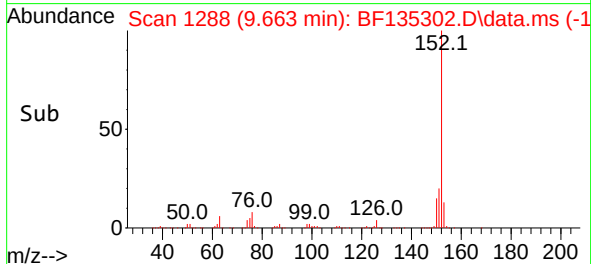
Instrument :
BNA_F
ClientSampleId :
PB155317BS



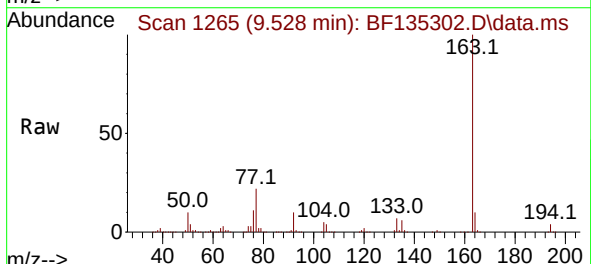
Tgt Ion:152 Resp: 81268
Ion Ratio Lower Upper
152 100
151 20.0 16.4 24.6
153 13.2 10.4 15.6

Manual Integrations
APPROVED

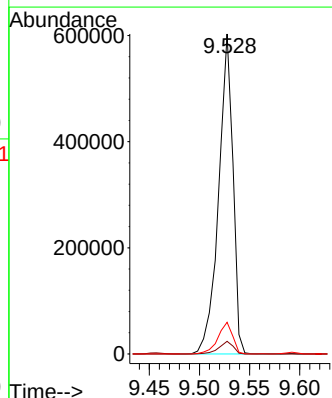
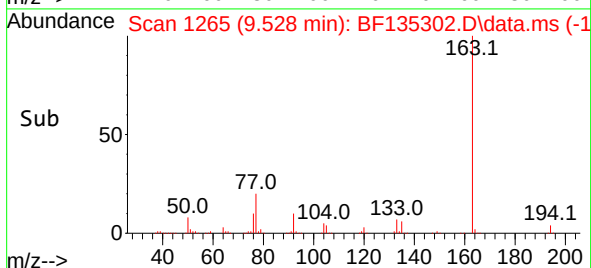
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

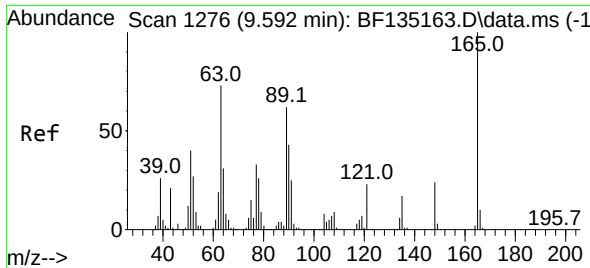


#50
Dimethylphthalate
Concen: 45.397 ng
RT: 9.528 min Scan# 1265
Delta R.T. -0.005 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48



Tgt Ion:163 Resp: 597397
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.9 8.1 12.1





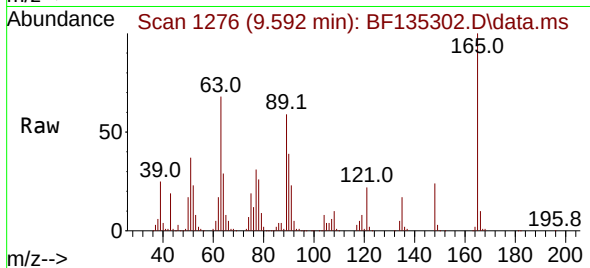
#51
2,6-Dinitrotoluene
Concen: 45.826 ng
RT: 9.592 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB155317BS

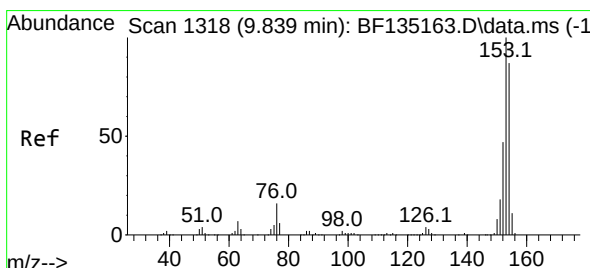
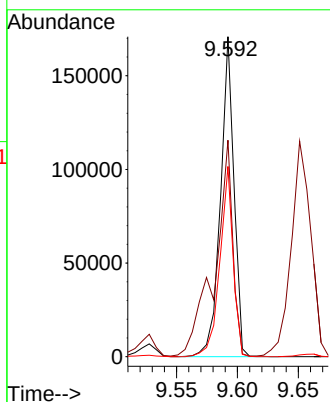
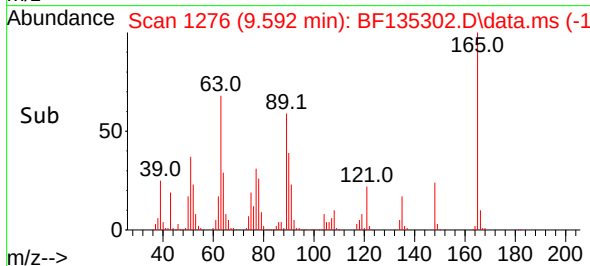


Tgt Ion:165 Resp: 132100
Ion Ratio Lower Upper
165 100
63 67.6 59.4 89.2
89 59.4 49.8 74.8

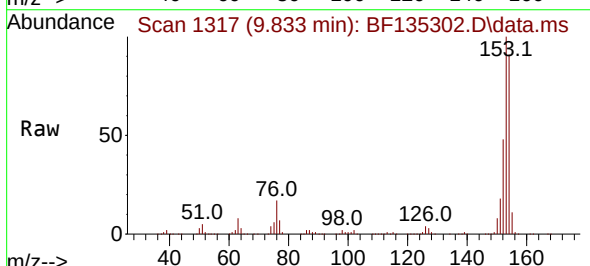
Manual Integrations

APPROVED

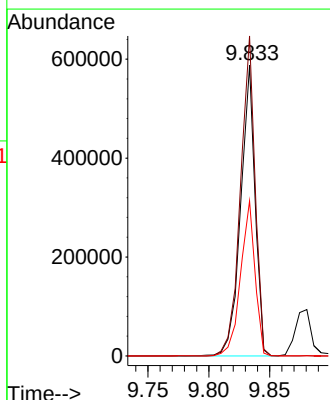
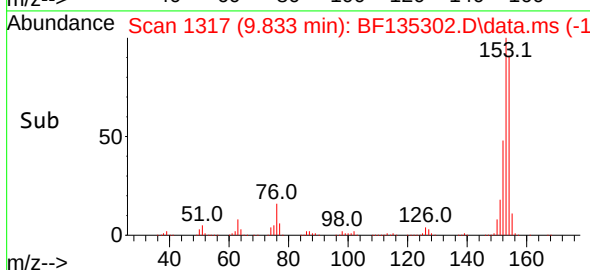
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

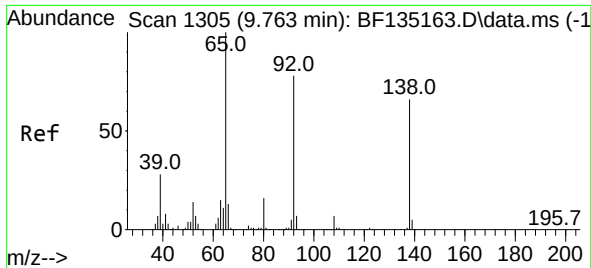


#52
Acenaphthene
Concen: 45.643 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48



Tgt Ion:154 Resp: 486318
Ion Ratio Lower Upper
154 100
153 110.1 92.1 138.1
152 53.4 43.1 64.7





#53
3-Nitroaniline
Concen: 38.204 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

ClientSampleId :

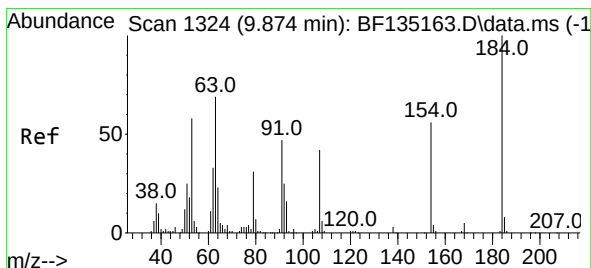
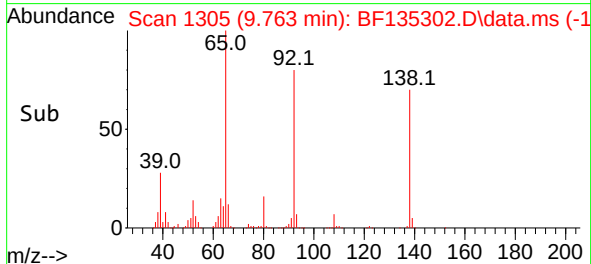
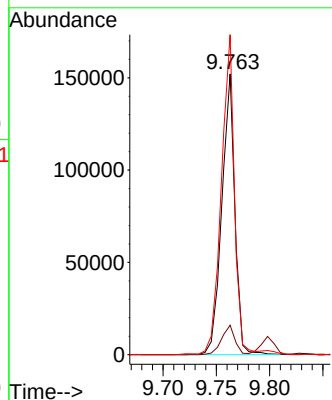
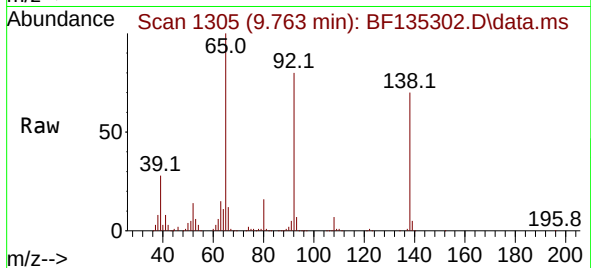
PB155317BS

Tgt Ion:138 Resp: 12928
Ion Ratio Lower Upper
138 100
108 10.5 8.5 12.7
92 114.0 95.4 143.0

Manual Integrations

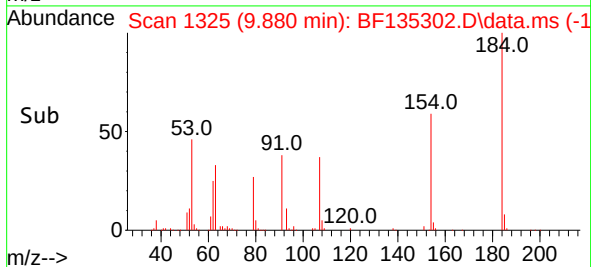
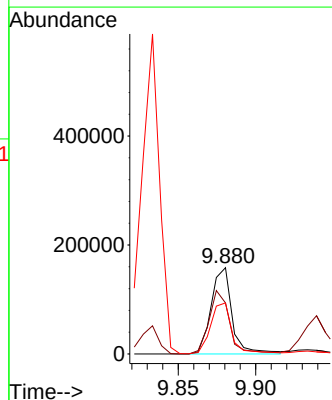
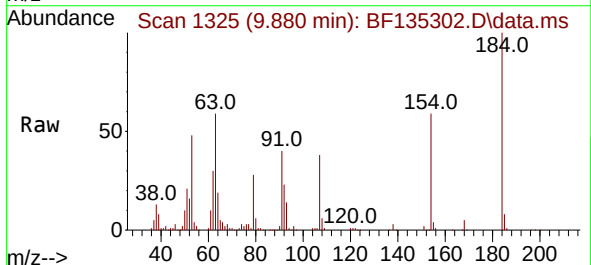
APPROVED

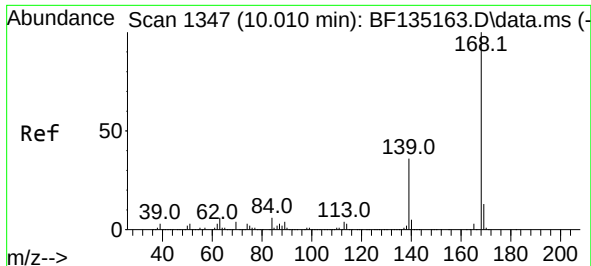
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#54
2,4-Dinitrophenol
Concen: 96.410 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Tgt Ion:184 Resp: 148964
Ion Ratio Lower Upper
184 100
63 59.3 55.1 82.7
154 59.2 48.4 72.6





#55
Dibenzenofuran
Concen: 45.029 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

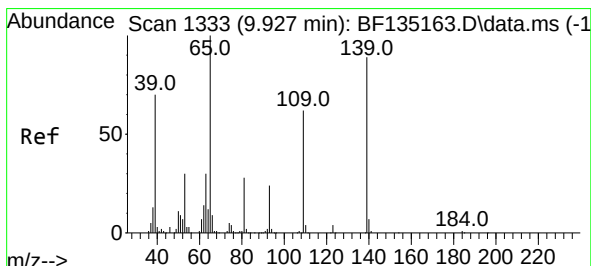
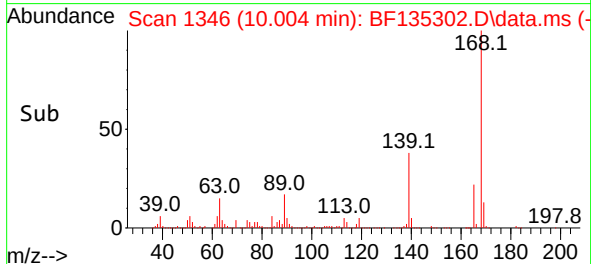
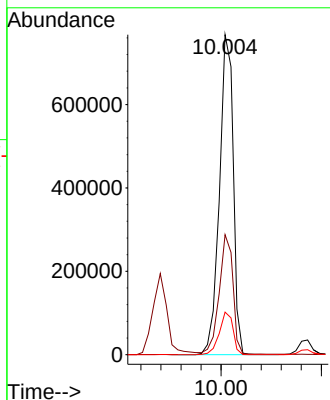
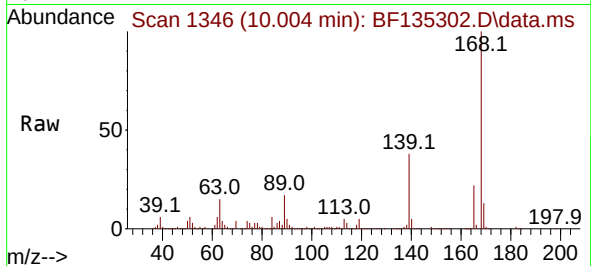
ClientSampleId :

PB155317BS

Tgt Ion:168 Resp: 73212
Ion Ratio Lower Upper
168 100
139 37.5 29.0 43.6
169 13.3 10.4 15.6

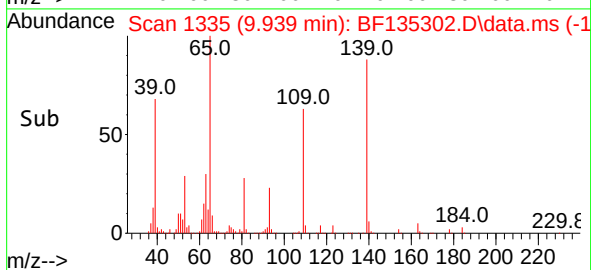
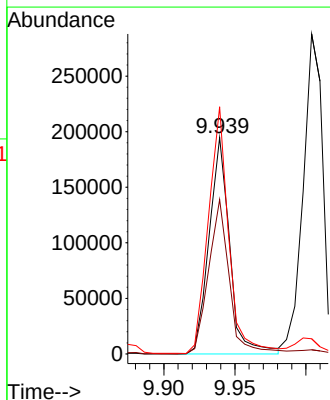
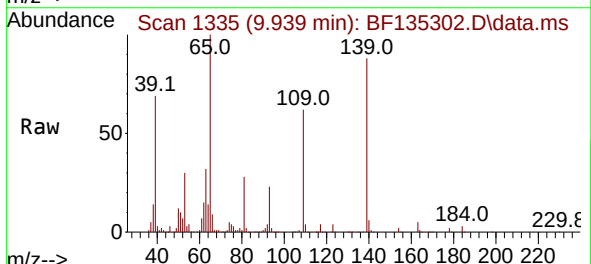
Manual Integrations
APPROVED

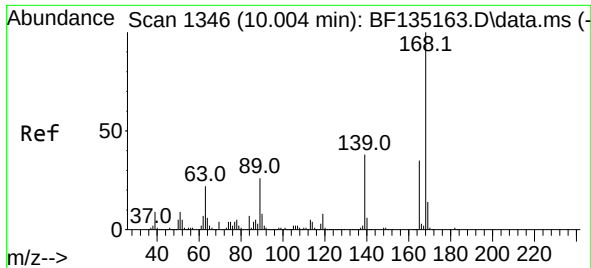
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#56
4-Nitrophenol
Concen: 91.380 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Tgt Ion:139 Resp: 196527
Ion Ratio Lower Upper
139 100
109 71.3 49.8 89.8
65 114.2 92.7 132.7





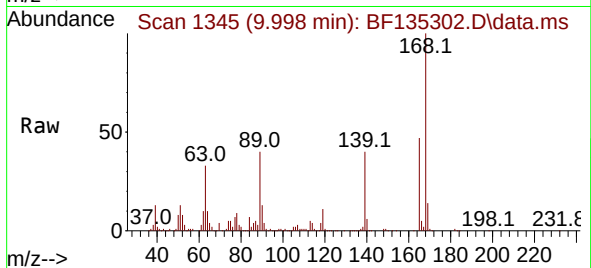
#57
2,4-Dinitrotoluene
Concen: 46.534 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB155317BS

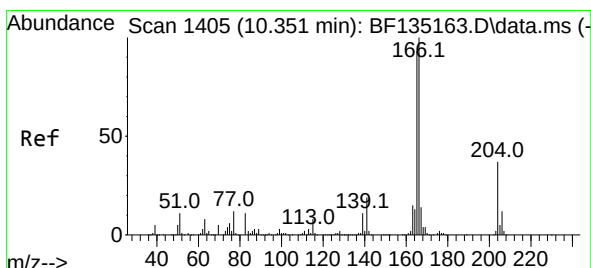
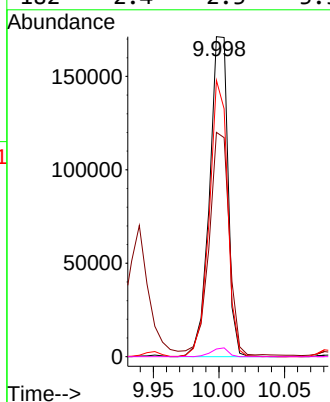
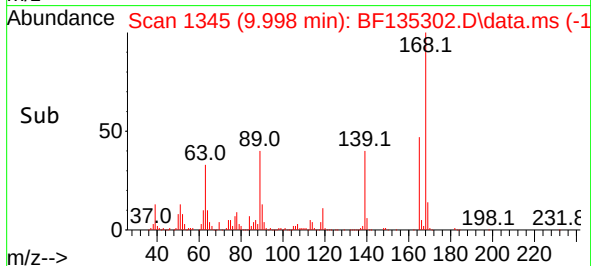


Tgt Ion:165 Resp: 16794
Ion Ratio Lower Upper
165 100
63 70.1 50.1 75.1
89 86.4 59.3 88.9
182 2.4 2.3 3.5

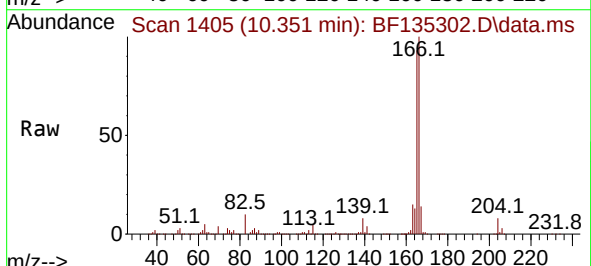
Manual Integrations

APPROVED

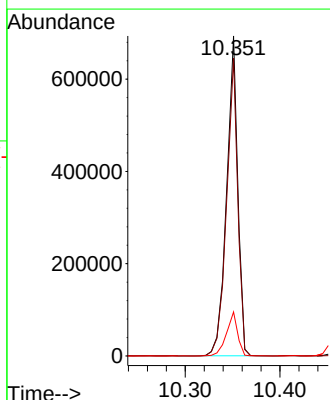
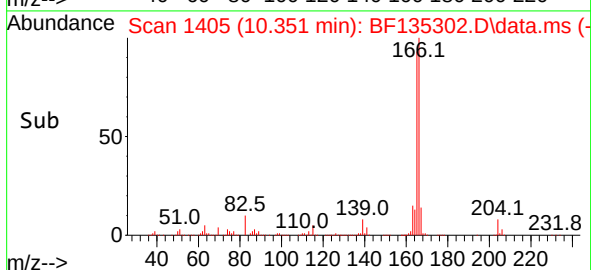
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

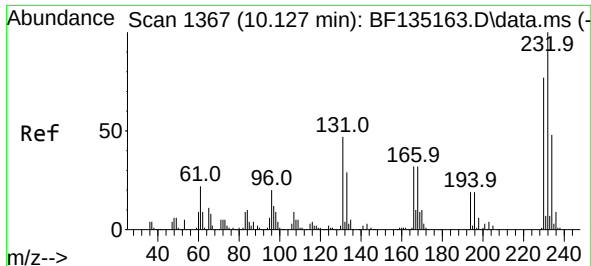


#58
Fluorene
Concen: 45.801 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48



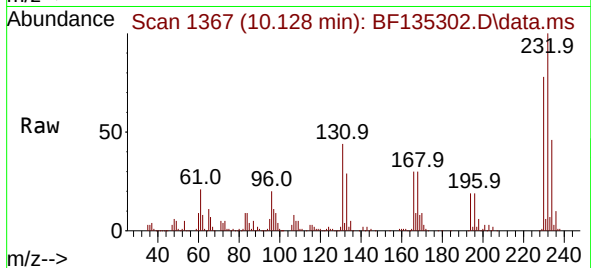
Tgt Ion:166 Resp: 572479
Ion Ratio Lower Upper
166 100
165 93.1 74.3 111.5
167 13.8 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.665 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

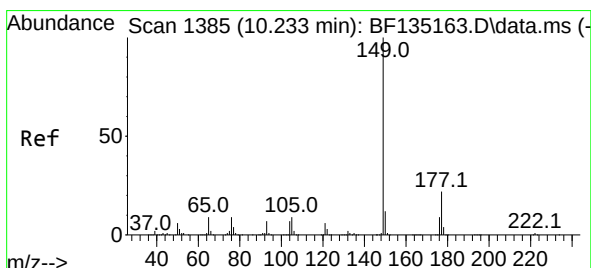
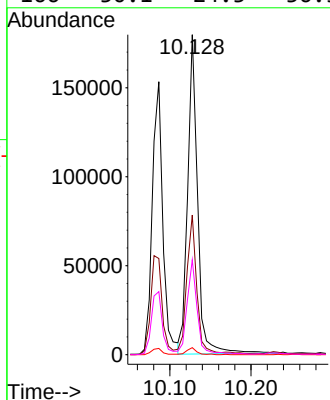
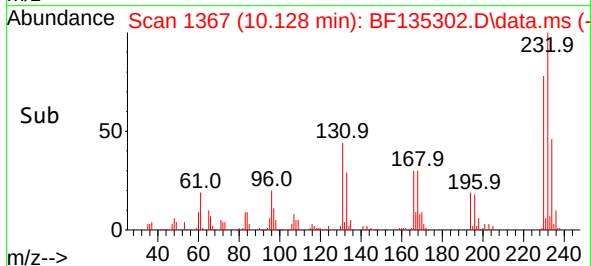
Instrument :
BNA_F
ClientSampleId :
PB155317BS



Tgt Ion:232 Resp: 15262
Ion Ratio Lower Upper
232 100
131 44.4 35.4 53.2
130 2.2 1.8 2.8
166 30.1 24.3 36.5

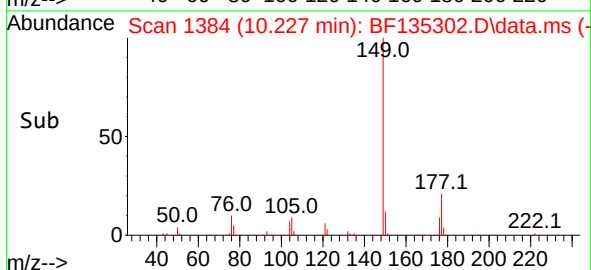
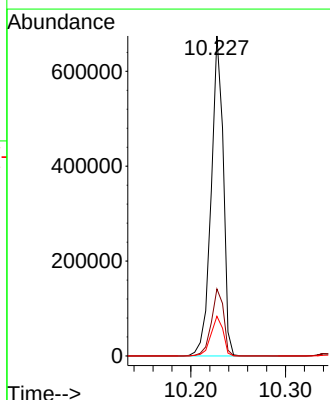
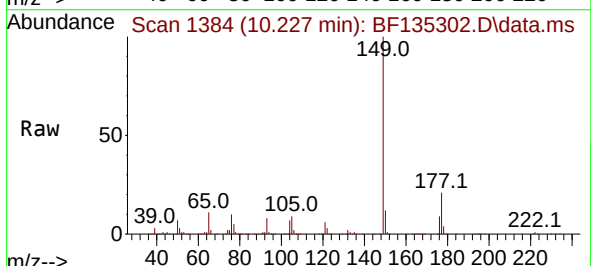
Manual Integrations
APPROVED

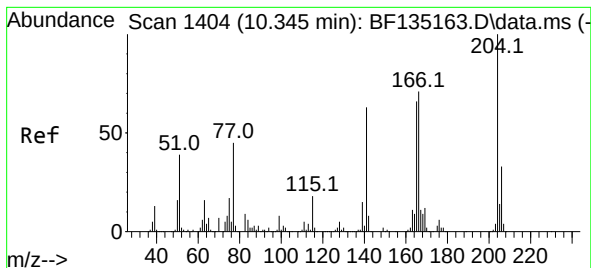
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#60
Diethylphthalate
Concen: 45.222 ng
RT: 10.227 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

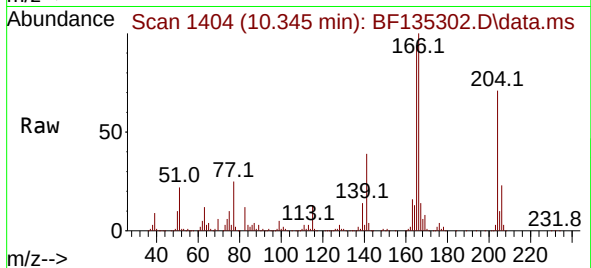
Tgt Ion:149 Resp: 597226
Ion Ratio Lower Upper
149 100
177 20.9 17.8 26.6
150 12.4 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 45.659 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

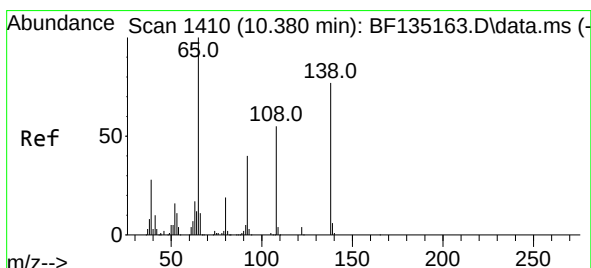
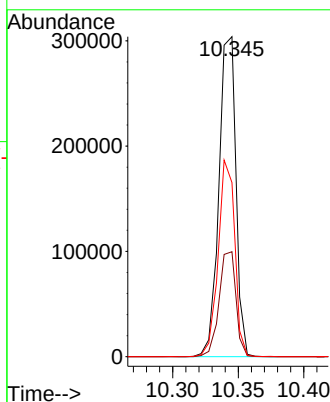
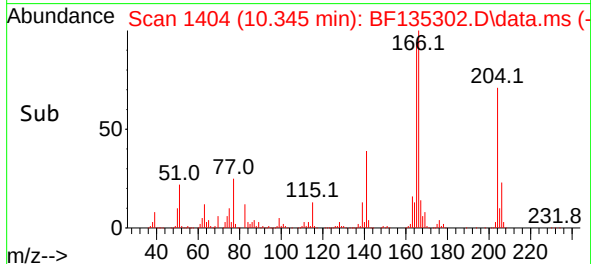
Instrument :
BNA_F
ClientSampleId :
PB155317BS



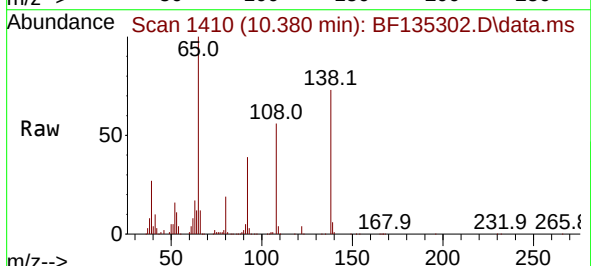
Tgt Ion:204 Resp: 27414
Ion Ratio Lower Upper
204 100
206 32.8 26.7 40.1
141 54.4 50.6 75.8

Manual Integrations
APPROVED

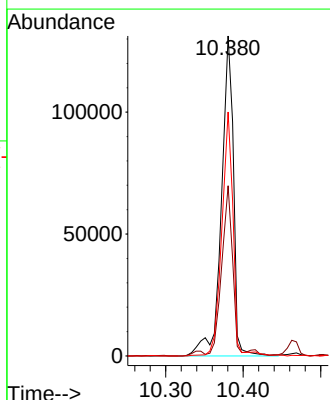
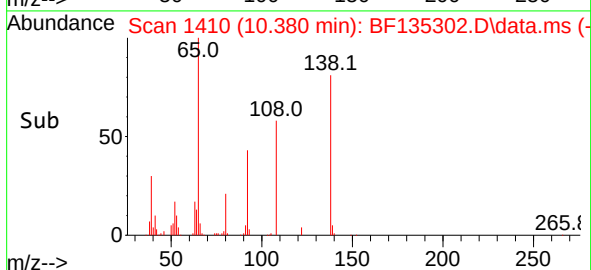
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

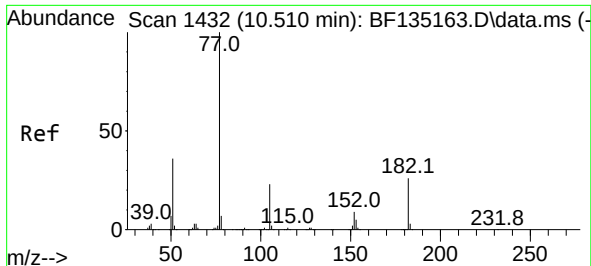


#62
4-Nitroaniline
Concen: 43.522 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48



Tgt Ion:138 Resp: 141566
Ion Ratio Lower Upper
138 100
92 53.2 31.8 71.8
108 76.3 52.0 92.0





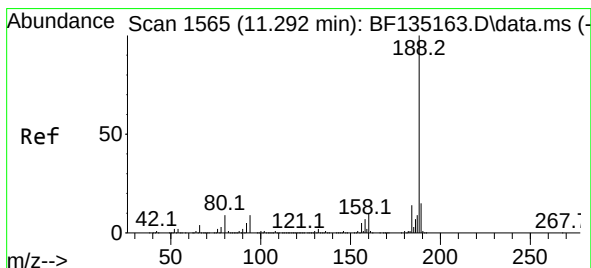
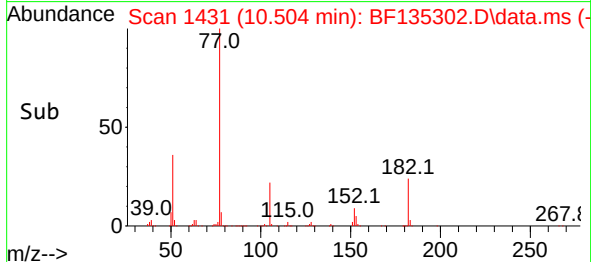
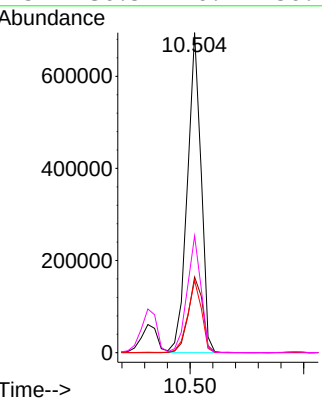
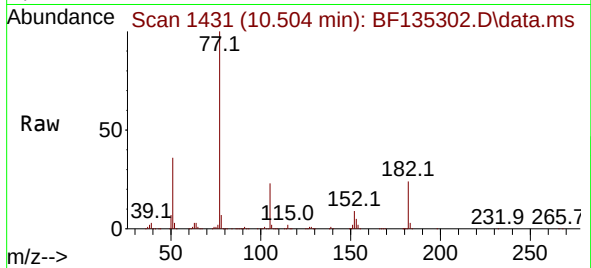
#63
Azobenzene
Concen: 44.943 ng
RT: 10.504 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Instrument :
BNA_F
ClientSampleId :
PB155317BS

Tgt Ion: 77 Resp: 58089
Ion Ratio Lower Upper
77 100
182 23.7 6.4 46.4
105 22.6 3.1 43.1
51 36.5 16.1 56.1

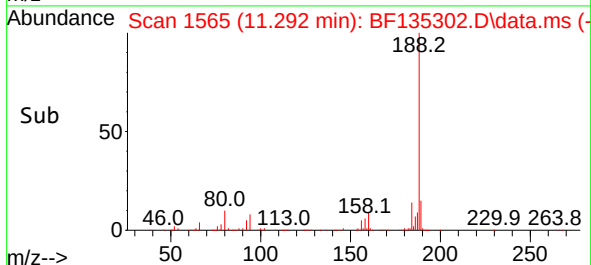
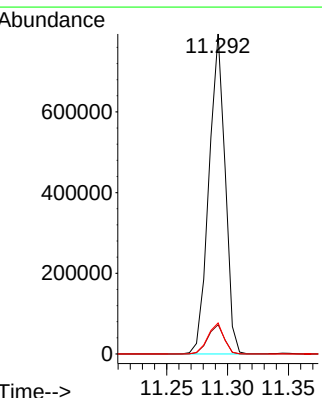
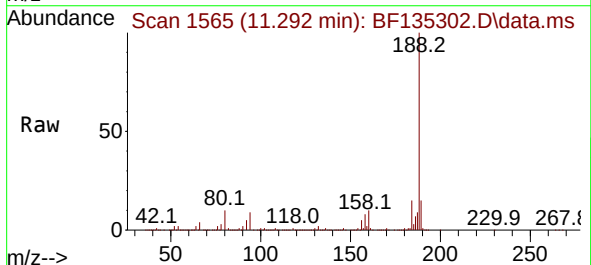
Manual Integrations
APPROVED

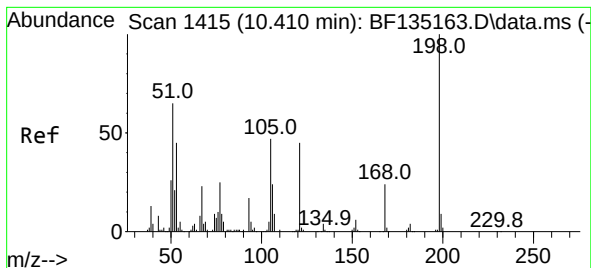
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#64
Phenanthrene-d10
Concen: 40.000 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

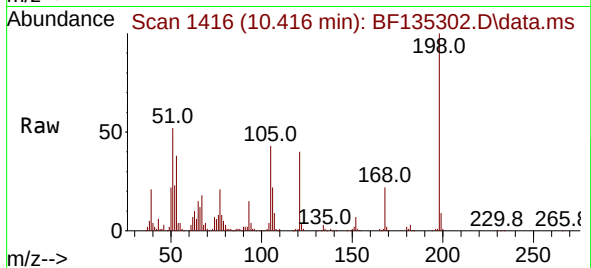
Tgt Ion:188 Resp: 734337
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 9.7 7.5 11.3





#65
4,6-Dinitro-2-methylphenol
Concen: 49.449 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

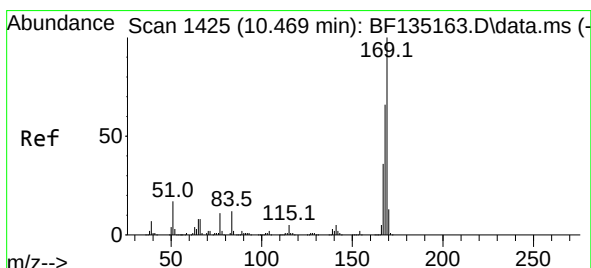
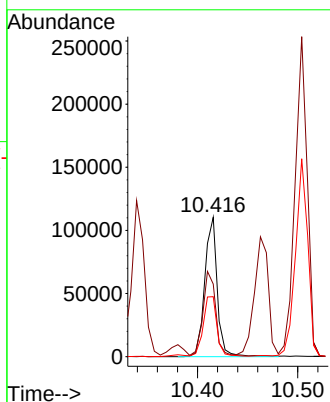
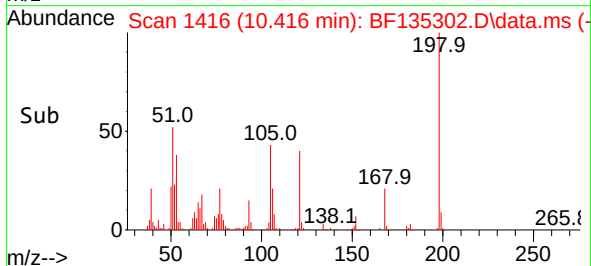
Instrument :
BNA_F
ClientSampleId :
PB155317BS



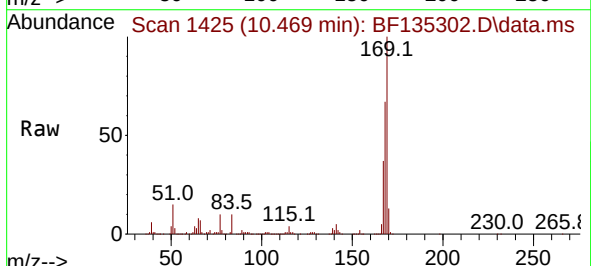
Tgt Ion:198 Resp: 96432
Ion Ratio Lower Upper
198 100
51 52.1 47.7 87.7
105 43.1 27.4 67.4

Manual Integrations
APPROVED

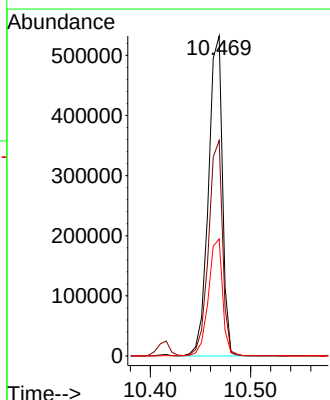
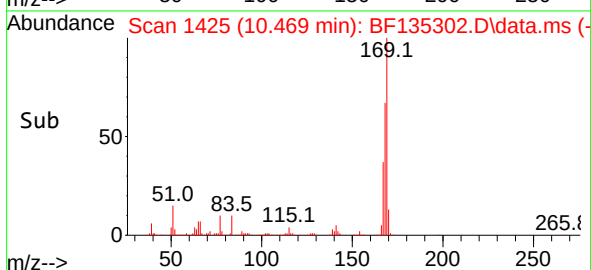
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

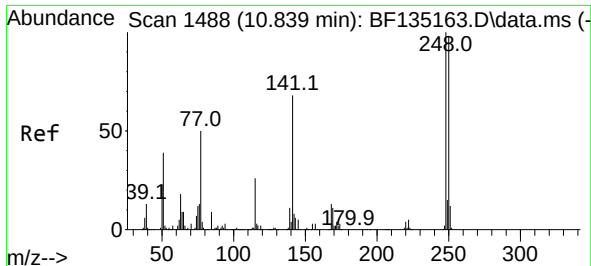


#66
n-Nitrosodiphenylamine
Concen: 46.594 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48



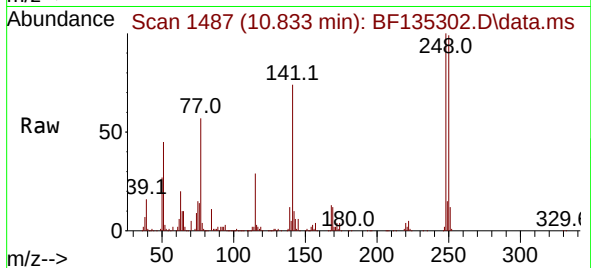
Tgt Ion:169 Resp: 517935
Ion Ratio Lower Upper
169 100
168 67.3 52.8 79.2
167 36.6 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 46.627 ng
RT: 10.833 min Scan# 1488
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

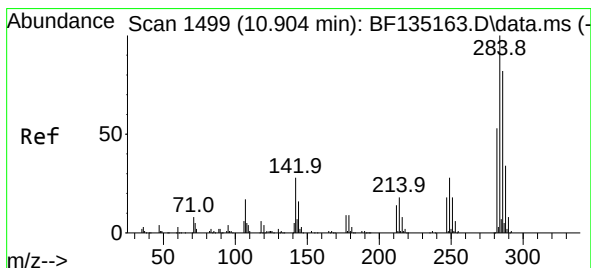
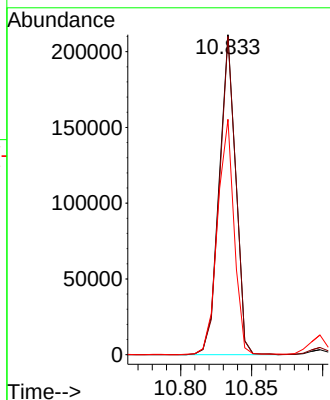
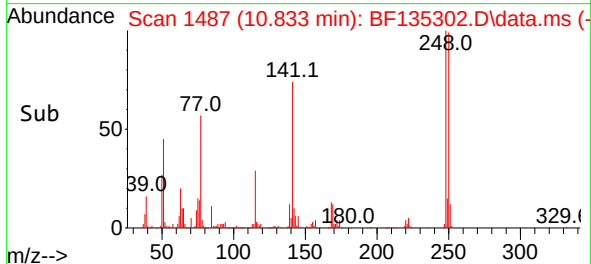
Instrument :
BNA_F
ClientSampleId :
PB155317BS



Tgt Ion:248 Resp: 170269
Ion Ratio Lower Upper
248 100
250 99.5 78.6 117.8
141 73.6 54.2 81.2

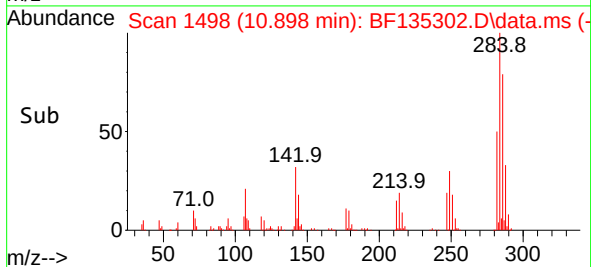
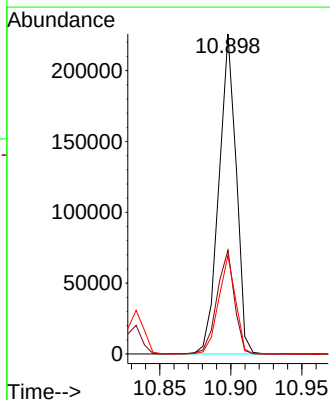
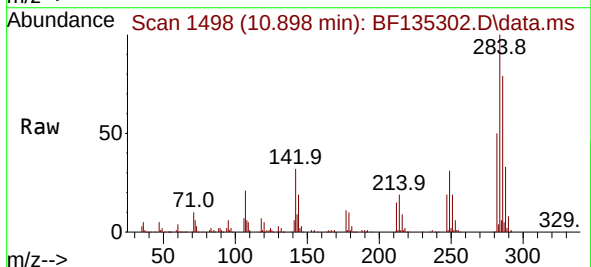
Manual Integrations
APPROVED

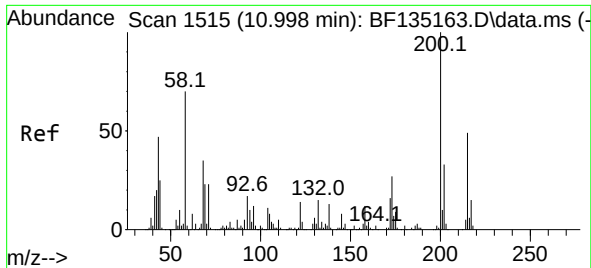
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#68
Hexachlorobenzene
Concen: 51.333 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

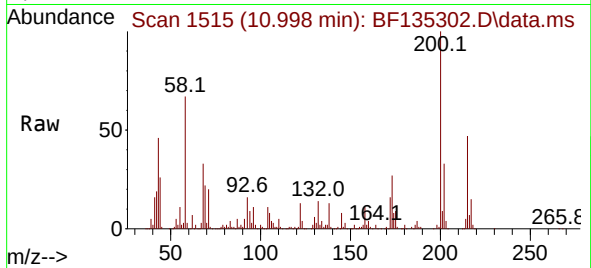
Tgt Ion:284 Resp: 190975
Ion Ratio Lower Upper
284 100
142 32.5 22.2 33.4
249 30.7 22.5 33.7





#69
 Atrazine
 Concen: 54.585 ng
 RT: 10.998 min Scan# 1515
 Delta R.T. 0.000 min
 Lab File: BF135302.D
 Acq: 18 Sep 2023 12:48

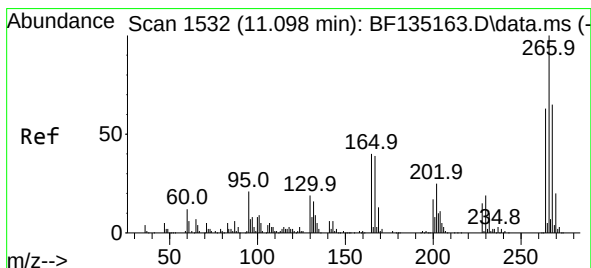
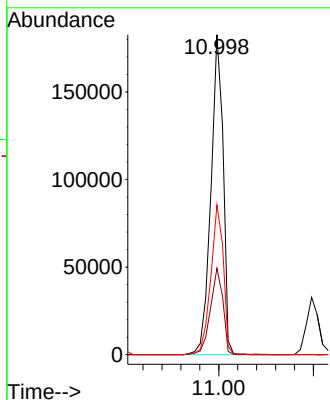
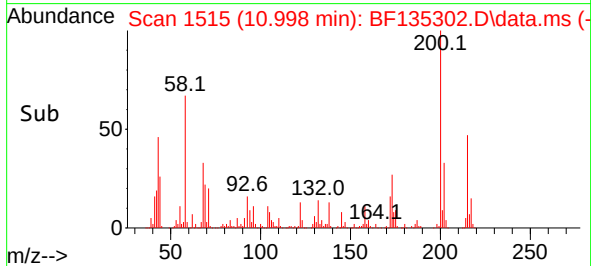
Instrument :
 BNA_F
 ClientSampleId :
 PB155317BS



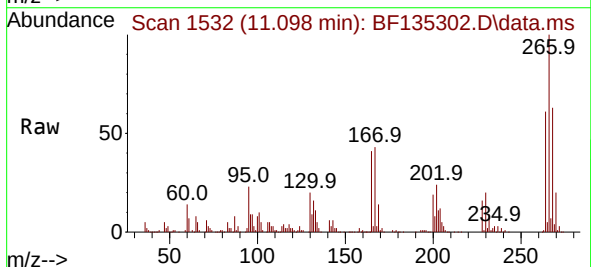
Tgt Ion:200 Resp: 16326
 Ion Ratio Lower Upper
 200 100
 173 27.0 7.4 47.4
 215 46.8 28.6 68.6

Manual Integrations
 APPROVED

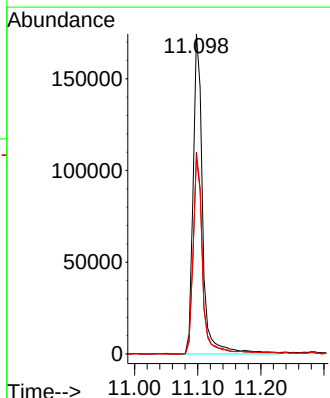
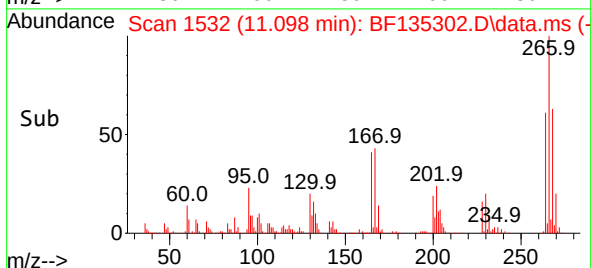
Reviewed By :Yogesh Patel 09/19/2023
 Supervised By :mohammad ahmed 09/19/2023

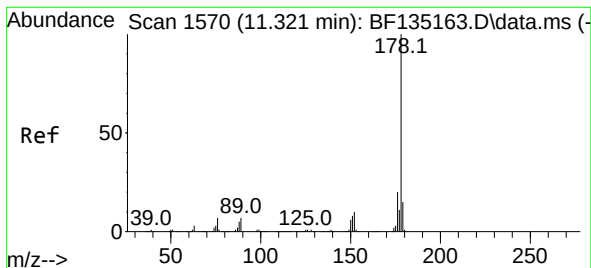


#70
 Pentachlorophenol
 Concen: 81.942 ng
 RT: 11.098 min Scan# 1532
 Delta R.T. 0.000 min
 Lab File: BF135302.D
 Acq: 18 Sep 2023 12:48



Tgt Ion:266 Resp: 182390
 Ion Ratio Lower Upper
 266 100
 268 63.0 52.1 78.1
 264 61.4 50.8 76.2





#71

Phenanthrene

Concen: 47.895 ng

RT: 11.316 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

ClientSampleId :

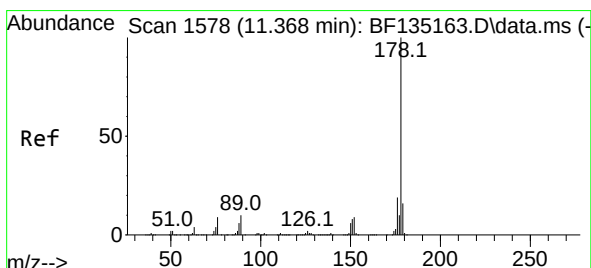
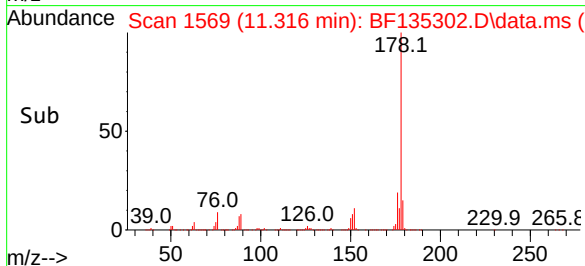
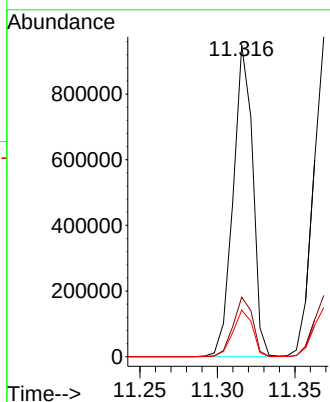
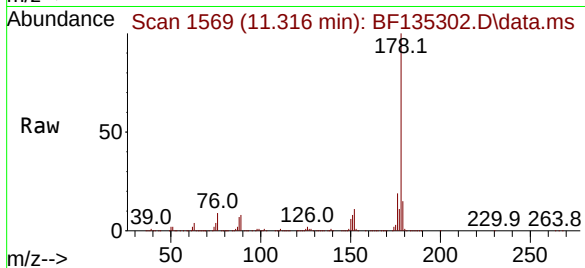
PB155317BS

Tgt Ion:	178	Resp:	831724
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.6	23.4
179	14.9	12.0	18.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#72

Anthracene

Concen: 46.851 ng

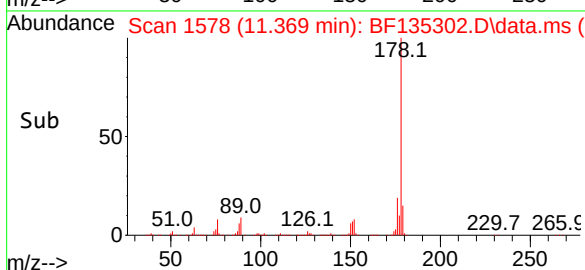
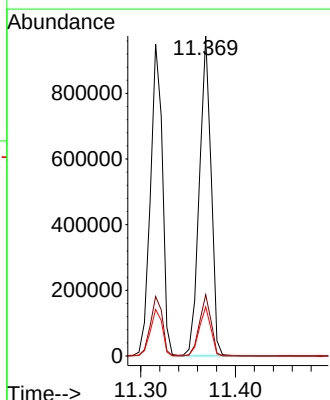
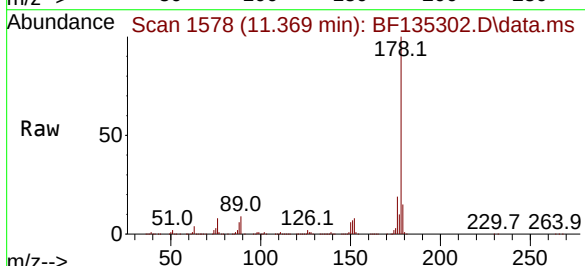
RT: 11.369 min Scan# 1578

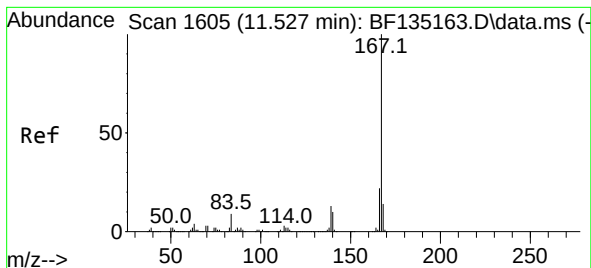
Delta R.T. 0.000 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

Tgt Ion:	178	Resp:	836276
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.4	23.2
179	15.3	12.6	19.0





#73

Carbazole

Concen: 46.492 ng

RT: 11.527 min Scan# 1605

Delta R.T. 0.000 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB155317BS

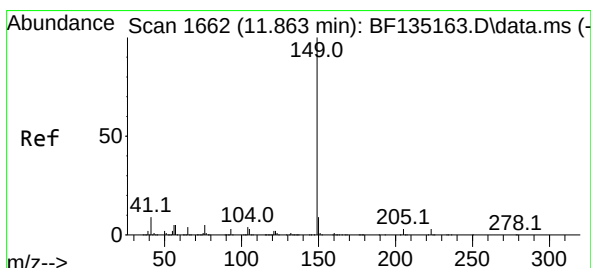
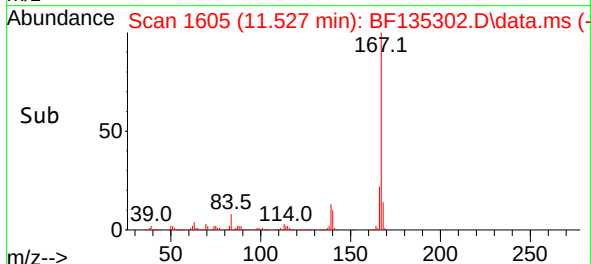
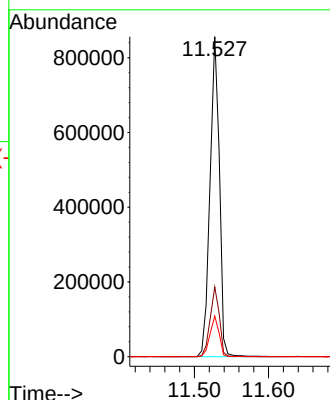
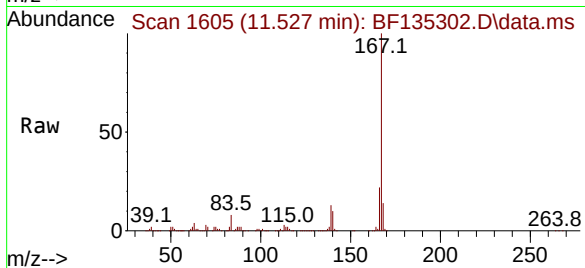
Tgt Ion:167	Resp: 75545
Ion Ratio	Lower Upper
167 100	
166 21.8	17.4 26.0
139 12.7	10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#74

Di-n-butylphthalate

Concen: 46.696 ng

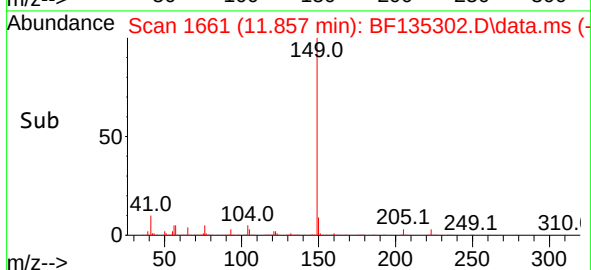
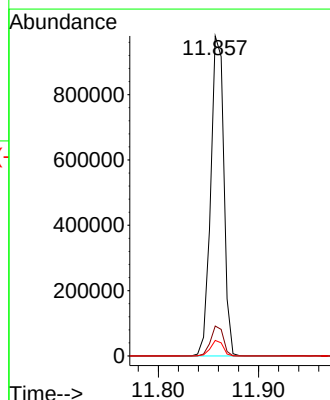
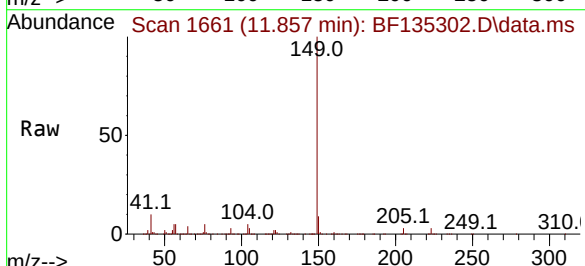
RT: 11.857 min Scan# 1661

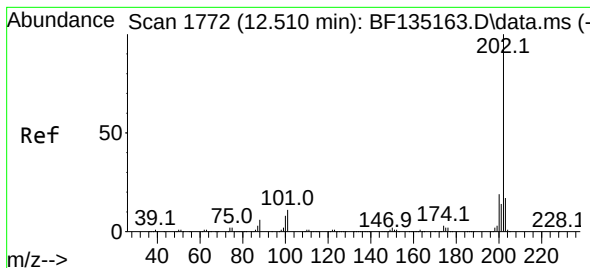
Delta R.T. -0.006 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

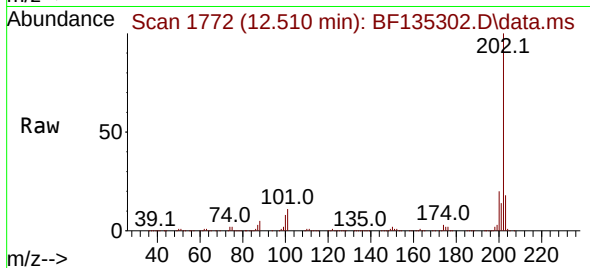
Tgt Ion:149	Resp: 894098
Ion Ratio	Lower Upper
149 100	
150 9.3	7.4 11.0
104 4.9	3.6 5.4





#75
Fluoranthene
Concen: 45.054 ng
RT: 12.510 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

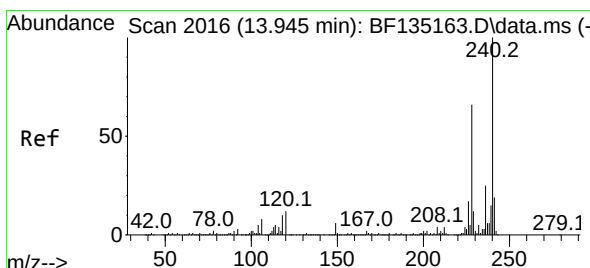
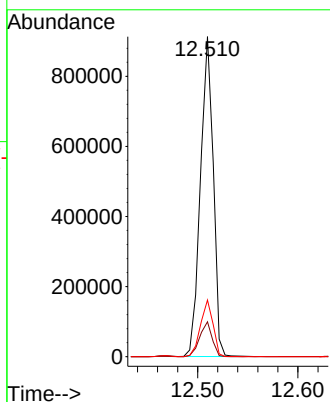
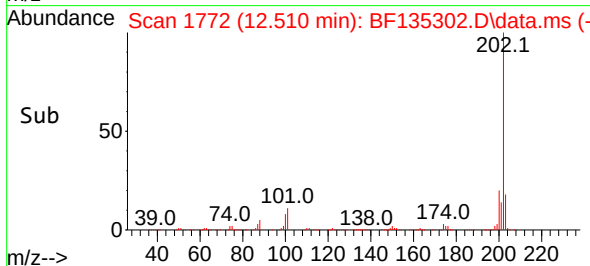
Instrument :
BNA_F
ClientSampleId :
PB155317BS



Tgt Ion:202 Resp: 815240
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.3
203 17.7 0.0 37.4

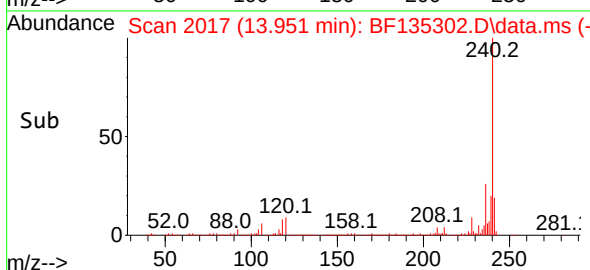
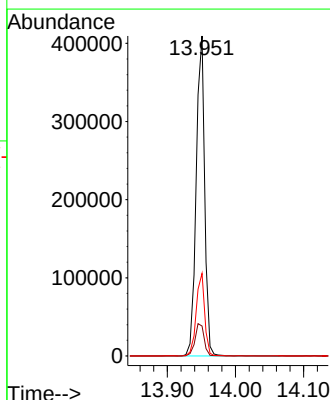
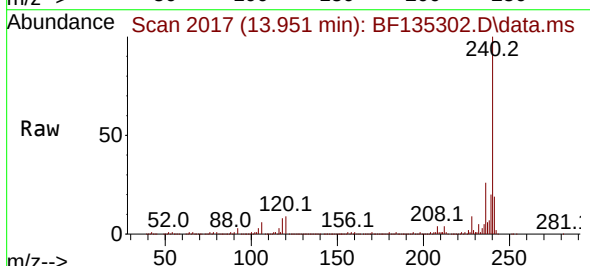
Manual Integrations
APPROVED

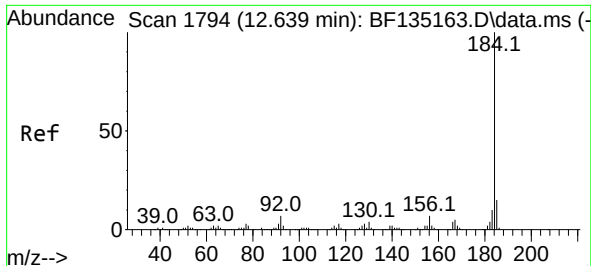
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#76
Chrysene-d12
Concen: 40.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

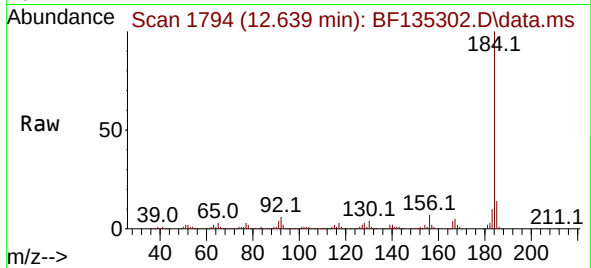
Tgt Ion:240 Resp: 354848
Ion Ratio Lower Upper
240 100
120 9.3 9.4 14.2#
236 25.8 19.8 29.8





#77
Benzidine
Concen: 79.055 ng
RT: 12.639 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

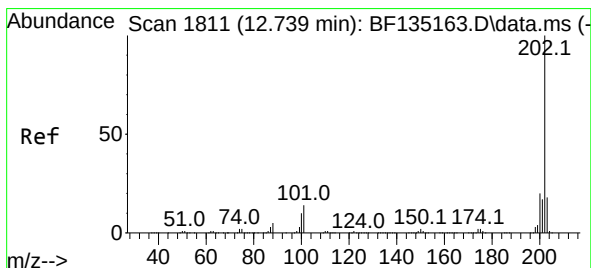
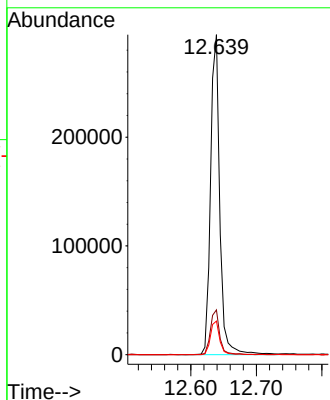
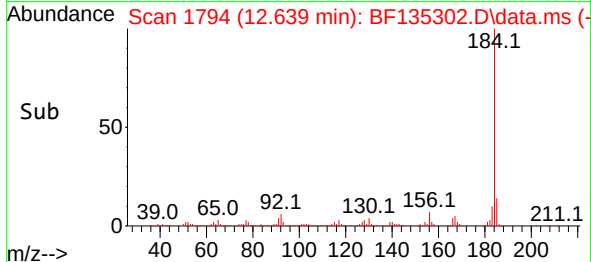
Instrument :
BNA_F
ClientSampleId :
PB155317BS



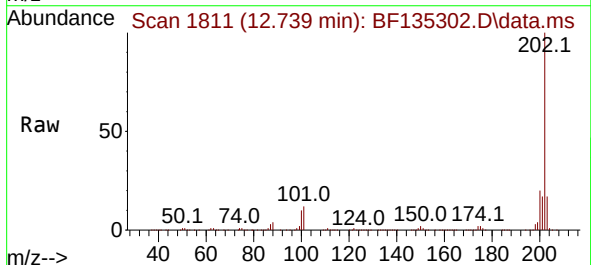
Tgt Ion:184 Resp: 287354
Ion Ratio Lower Upper
184 100
185 14.0 11.7 17.5
183 10.5 8.2 12.4

Manual Integrations
APPROVED

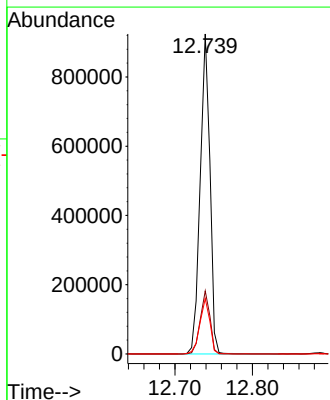
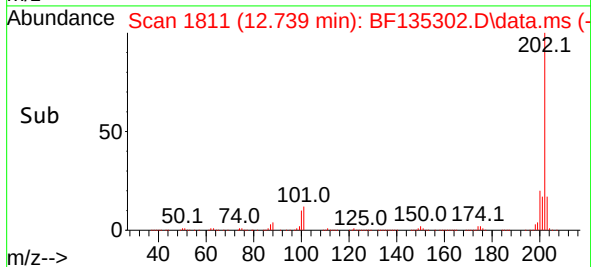
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

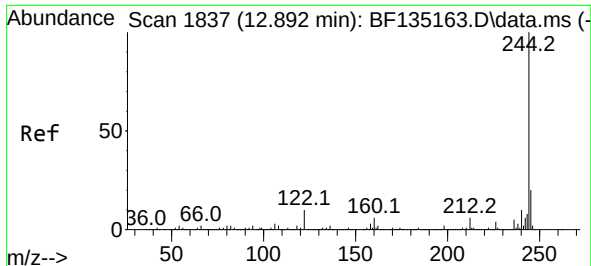


#78
Pyrene
Concen: 47.658 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48



Tgt Ion:202 Resp: 805048
Ion Ratio Lower Upper
202 100
200 19.7 16.2 24.2
203 17.3 14.2 21.4





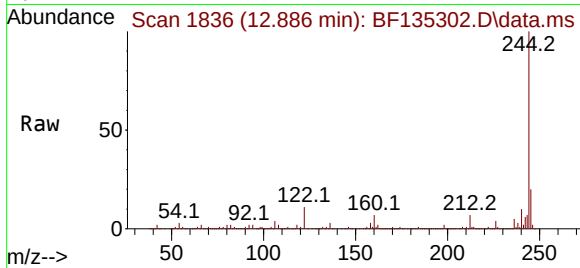
#79
 Terphenyl-d14
 Concen: 91.977 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF135302.D
 Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB155317BS

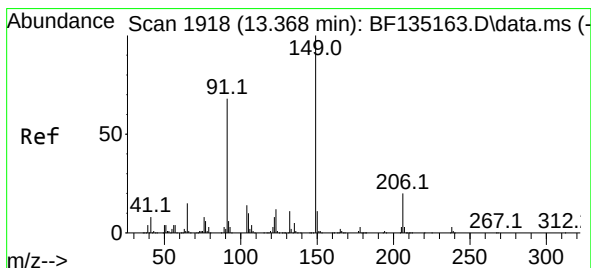
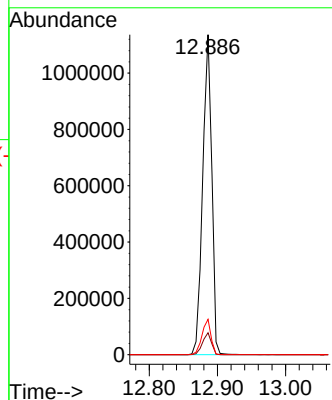
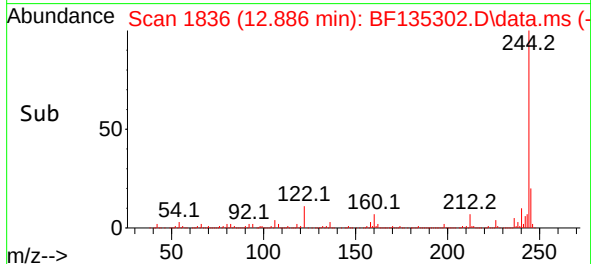


Tgt Ion:244 Resp: 1052708
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 11.1 7.9 11.9

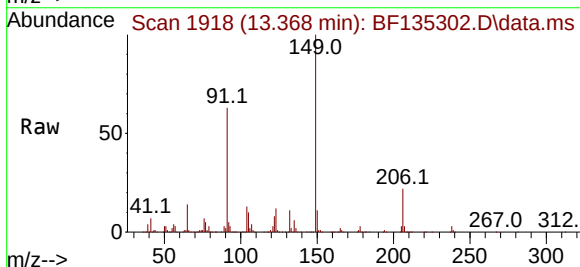
Manual Integrations

APPROVED

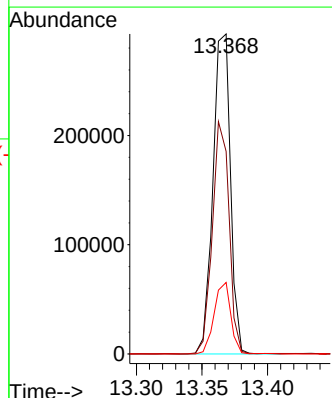
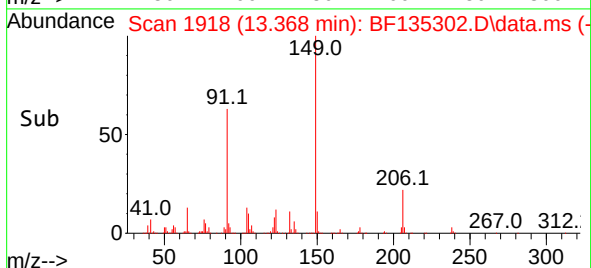
Reviewed By :Yogesh Patel 09/19/2023
 Supervised By :mohammad ahmed 09/19/2023

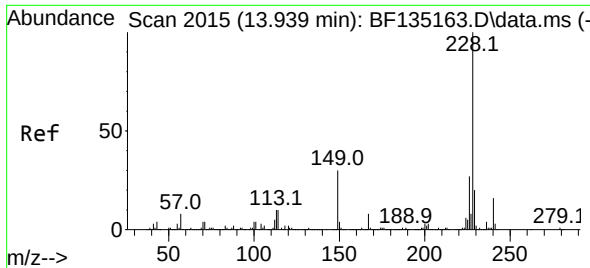


#80
 Butylbenzylphthalate
 Concen: 45.775 ng
 RT: 13.368 min Scan# 1918
 Delta R.T. 0.000 min
 Lab File: BF135302.D
 Acq: 18 Sep 2023 12:48



Tgt Ion:149 Resp: 272246
 Ion Ratio Lower Upper
 149 100
 91 63.3 54.7 82.1
 206 22.4 16.3 24.5





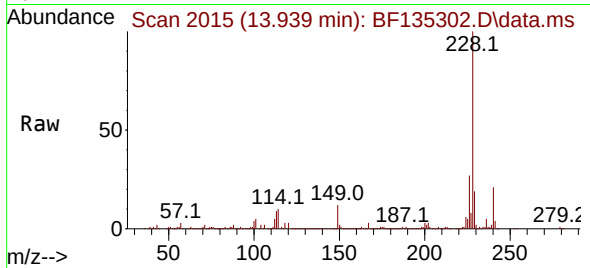
#81
Benzo(a)anthracene
Concen: 45.769 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB155317BS

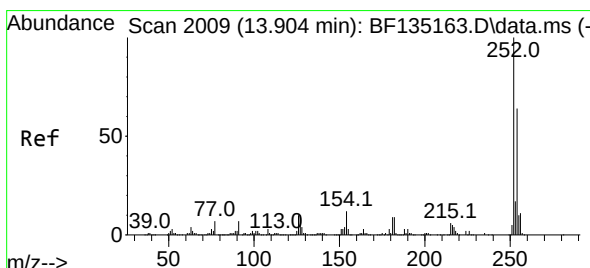
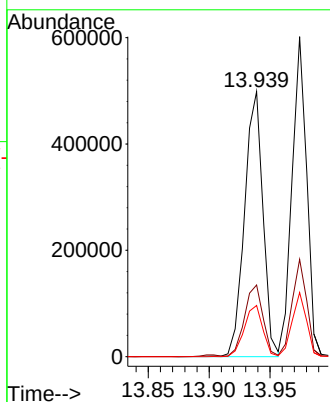
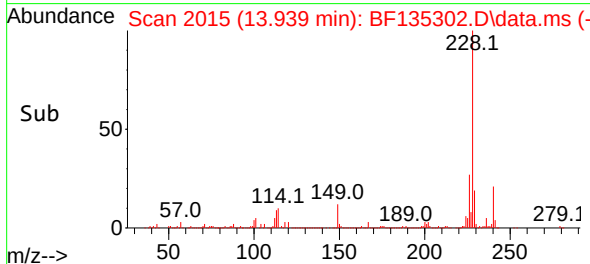


Tgt Ion:228 Resp: 52436
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 19.3 15.8 23.8

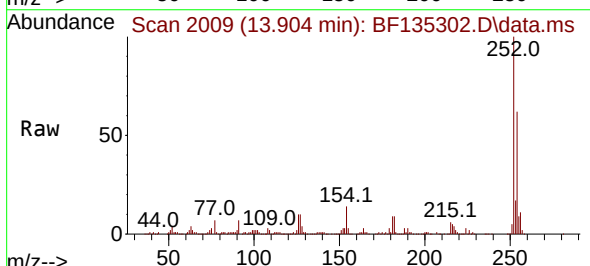
Manual Integrations

APPROVED

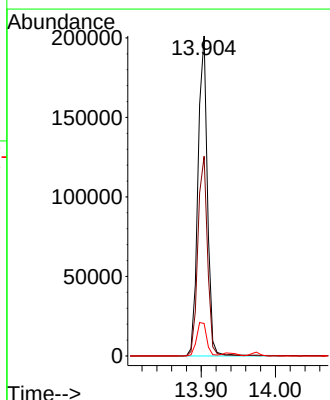
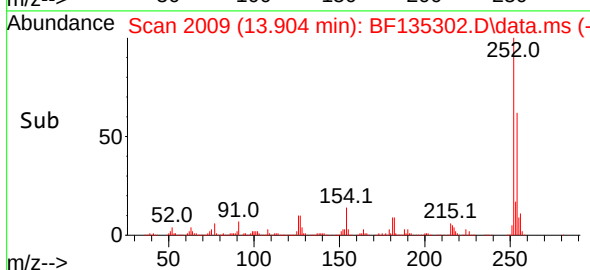
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

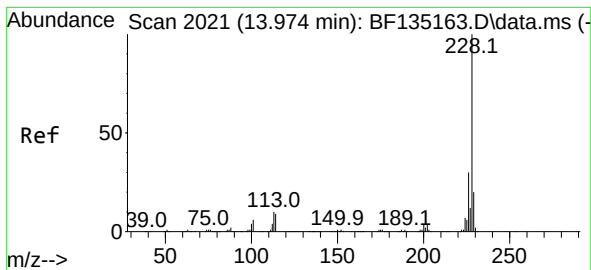


#82
3,3'-Dichlorobenzidine
Concen: 49.541 ng
RT: 13.904 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48



Tgt Ion:252 Resp: 177285
Ion Ratio Lower Upper
252 100
254 62.4 51.0 76.4
126 10.1 7.8 11.8





#83

Chrysene

Concen: 44.410 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB155317BS

Tgt Ion:228 Resp: 50586

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

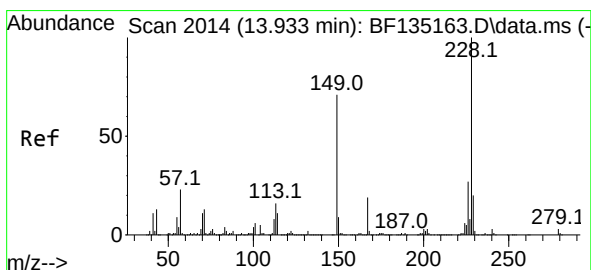
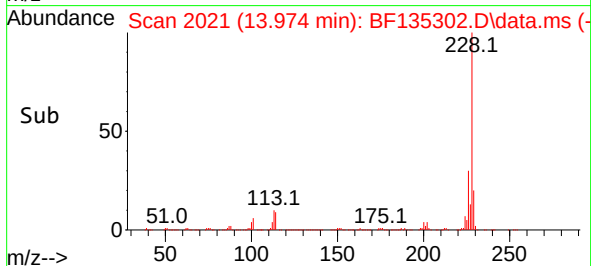
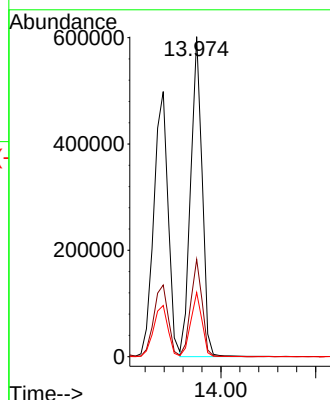
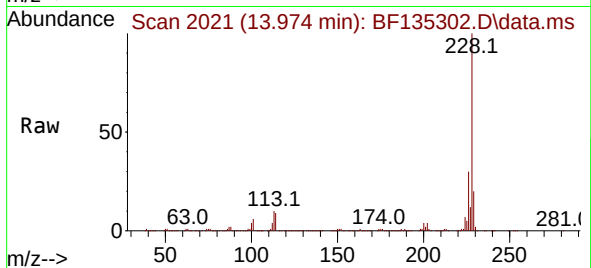
229 20.0 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.183 ng

RT: 13.927 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

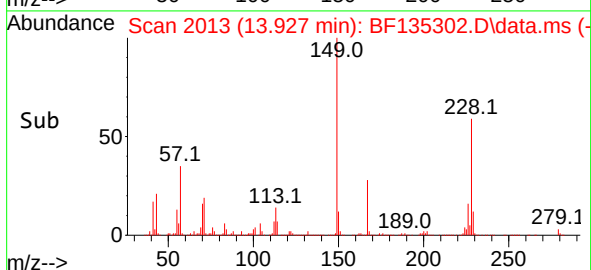
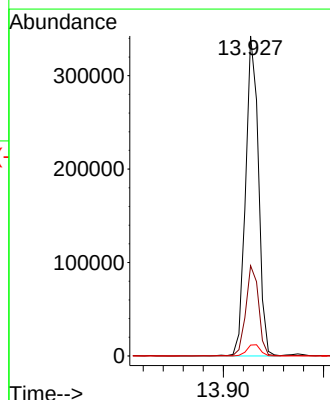
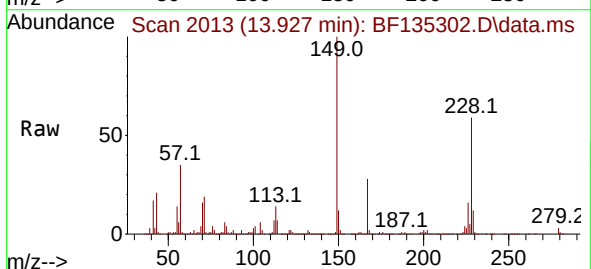
Tgt Ion:149 Resp: 306270

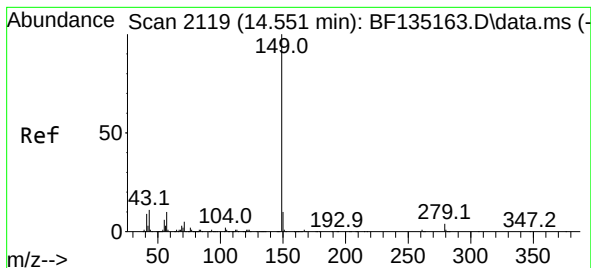
Ion Ratio Lower Upper

149 100

167 28.2 21.9 32.9

279 3.4 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 53.151 ng

RT: 14.545 min Scan# 2119

Delta R.T. -0.006 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB155317BS

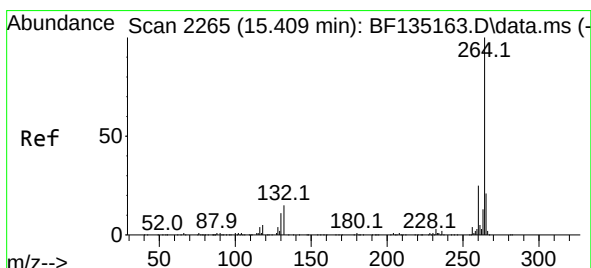
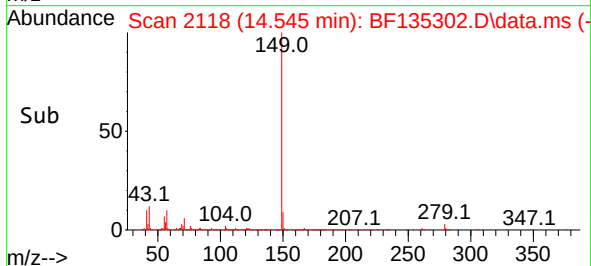
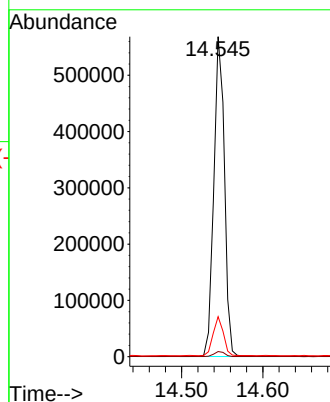
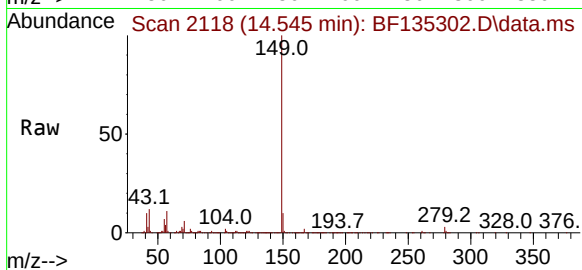
Tgt Ion:	149	Resp:	515514
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.1	1.7
43	11.7	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#86

Perylene-d12

Concen: 40.000 ng

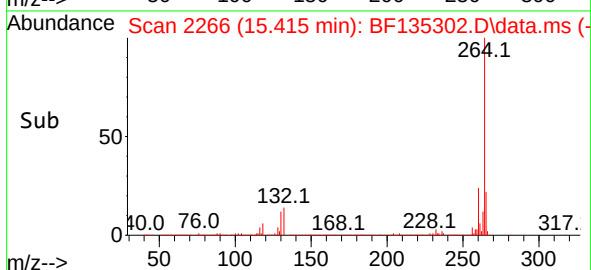
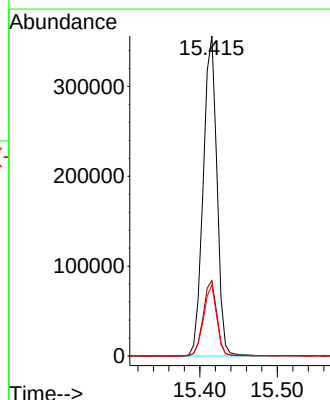
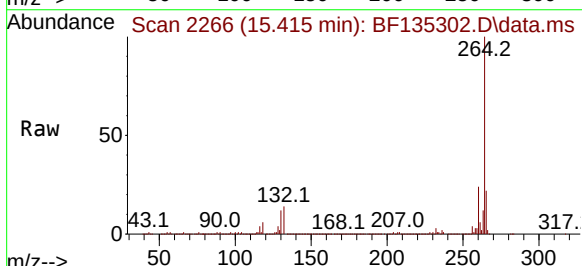
RT: 15.415 min Scan# 2266

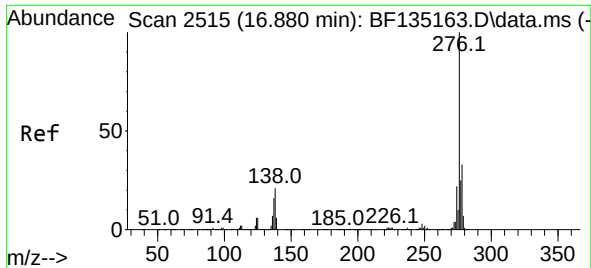
Delta R.T. 0.006 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

Tgt Ion:	264	Resp:	438815
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.8	29.6
265	22.2	17.0	25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.067 ng
RT: 16.898 min Scan# 2118
Delta R.T. 0.018 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

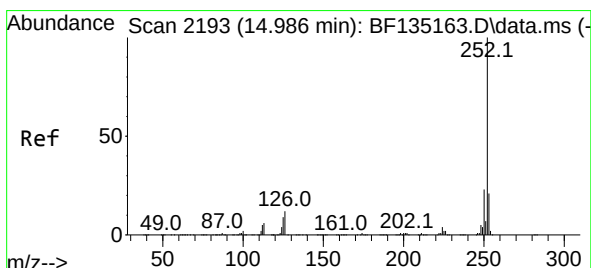
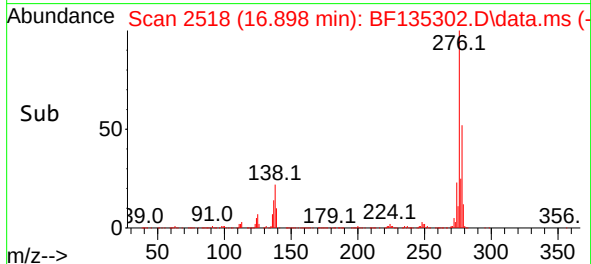
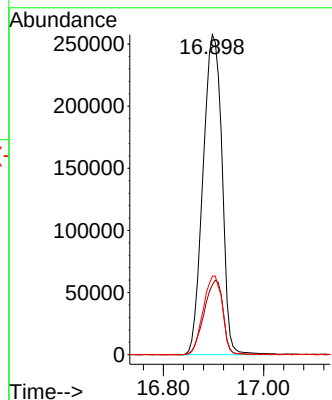
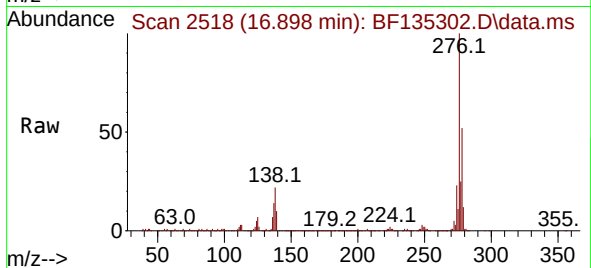
ClientSampleId :

PB155317BS

Tgt Ion:276 Resp: 67710
Ion Ratio Lower Upper
276 100
138 23.3 19.2 28.8
277 24.8 19.7 29.5

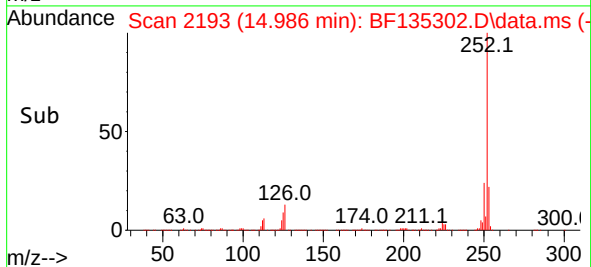
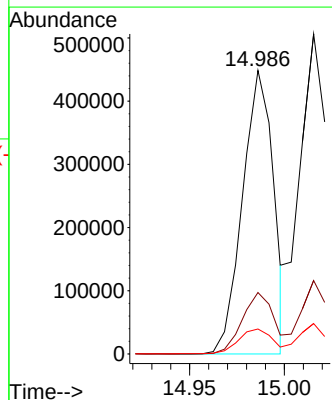
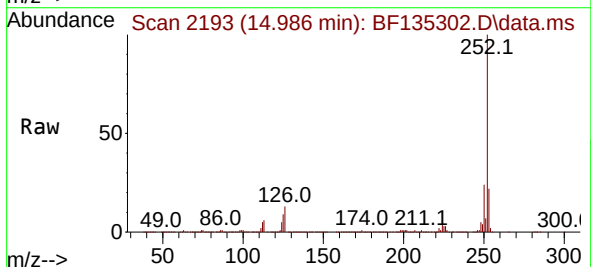
Manual Integrations
APPROVED

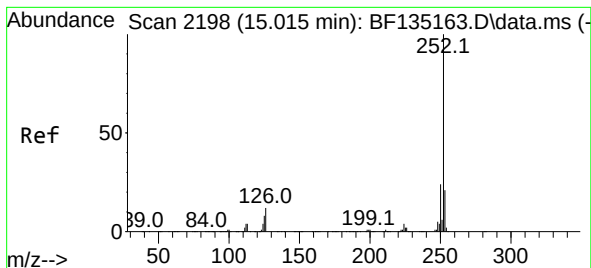
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#88
Benzo(b)fluoranthene
Concen: 43.139 ng
RT: 14.986 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Tgt Ion:252 Resp: 512374
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 8.8 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 44.148 ng

RT: 15.015 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

ClientSampleId :

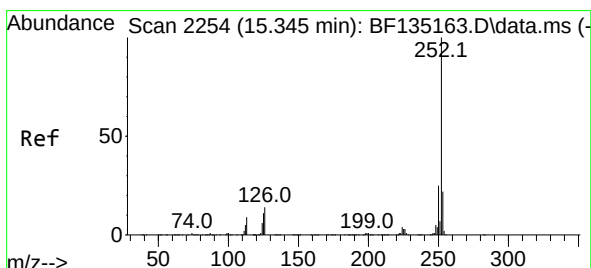
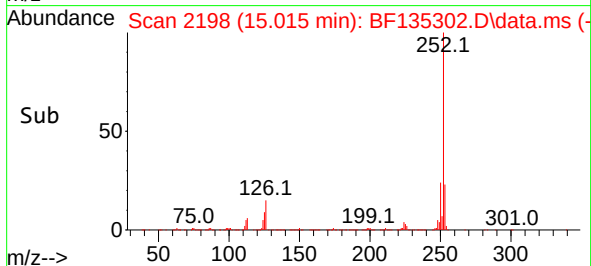
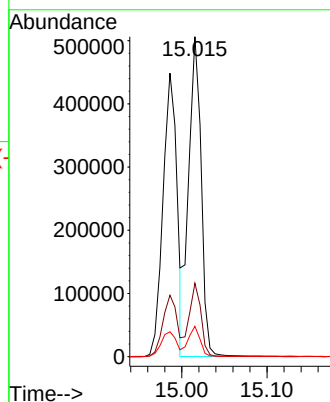
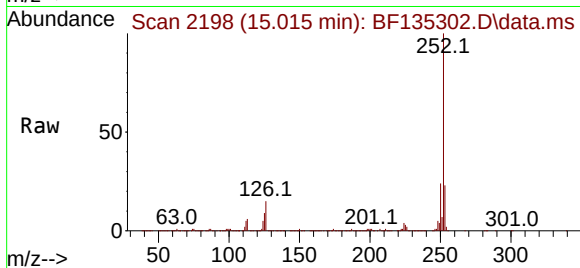
PB155317BS

Tgt Ion:252 Resp: 51797
 Ion Ratio Lower Upper
 252 100
 253 22.9 17.4 26.0
 125 9.5 7.2 10.8

Manual Integrations

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Reviewed By :Yogesh Patel 09/19/2023
 Supervised By :mohammad ahmed 09/19/2023



#90

Benzo(a)pyrene

Concen: 41.939 ng

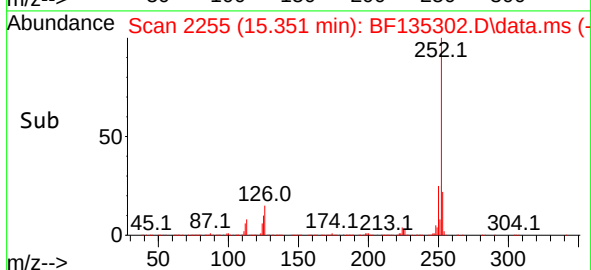
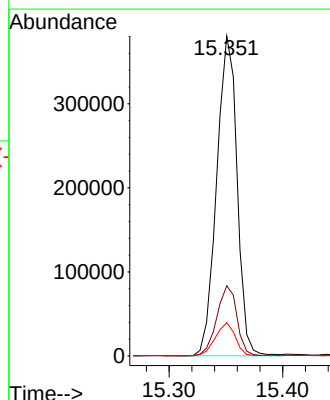
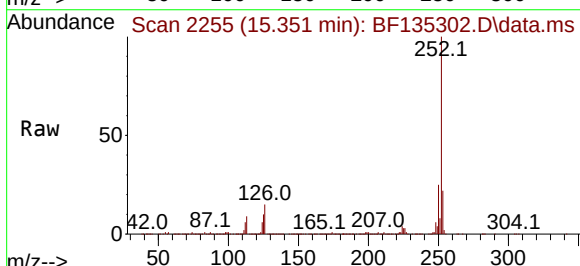
RT: 15.351 min Scan# 2255

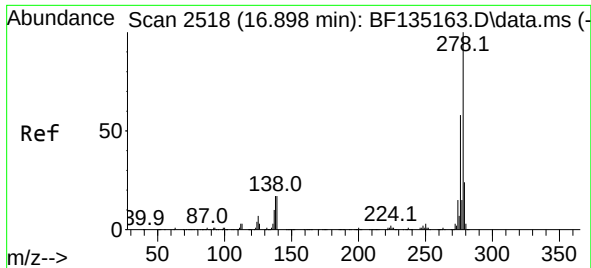
Delta R.T. 0.006 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

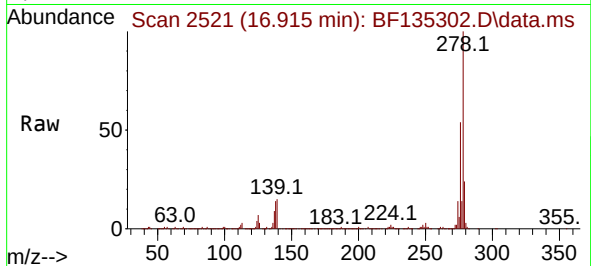
Tgt Ion:252 Resp: 475031
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.5 26.3
 125 10.4 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 46.454 ng
RT: 16.915 min Scan# 2521
Delta R.T. 0.018 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

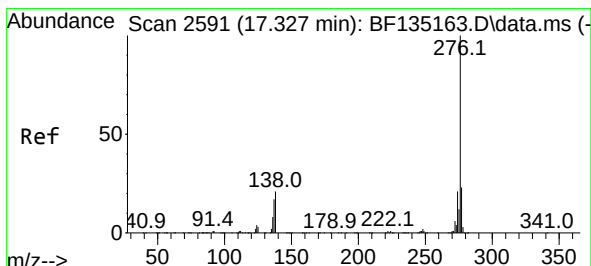
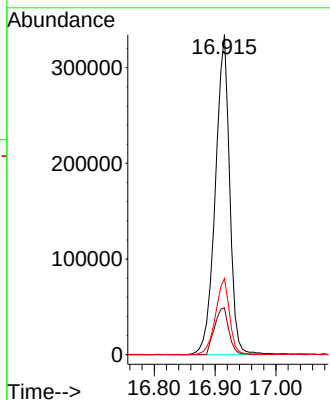
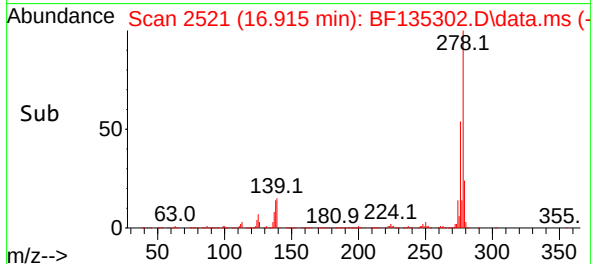
Instrument :
BNA_F
ClientSampleId :
PB155317BS



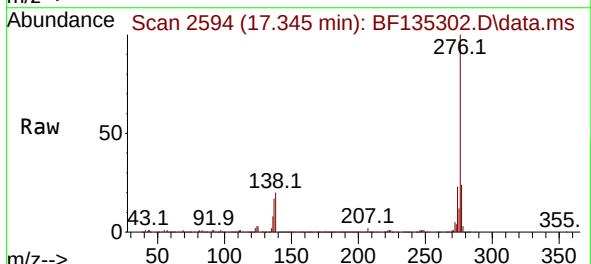
Tgt Ion:278 Resp: 546790
Ion Ratio Lower Upper
278 100
139 14.6 13.4 20.0
279 23.8 19.0 28.6

Manual Integrations
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Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#92
Benzo(g,h,i)perylene
Concen: 45.510 ng
RT: 17.345 min Scan# 2594
Delta R.T. 0.018 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48



Tgt Ion:276 Resp: 559450
Ion Ratio Lower Upper
276 100
277 23.7 18.8 28.2
138 20.4 16.9 25.3

