

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
 Data File : BF135010.D
 Acq On : 30 Aug 2023 17:53
 Operator : CG\JU
 Sample : PB155120BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155120BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/31/2023
 Supervised By :mohammad ahmed 08/31/2023

Quant Time: Aug 31 05:31:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	146463	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	610803	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	318011	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	588667	20.000	ng	0.00
76) Chrysene-d12	13.963	240	315433	20.000	ng	0.00
86) Perylene-d12	15.427	264	272120	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	861828	90.889	ng	0.01
7) Phenol-d6	6.416	99	1045978	88.501	ng	0.00
23) Nitrobenzene-d5	7.345	82	963517	88.623	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	296514	87.897	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1653653	84.661	ng	0.00
79) Terphenyl-d14	12.910	244	1816365	93.970	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	149835	37.304	ng	98
3) Pyridine	3.334	79	399844	36.926	ng	99
4) n-Nitrosodimethylamine	3.310	42	247852	46.805	ng	97
6) Aniline	6.439	93	553160	37.754	ng	96
8) 2-Chlorophenol	6.563	128	488824	50.744	ng	98
9) Benzaldehyde	6.328	77	181233	30.094	ng	97
10) Phenol	6.428	94	588850	47.458	ng	100
11) bis(2-Chloroethyl)ether	6.516	93	445319	47.662	ng	98
12) 1,3-Dichlorobenzene	6.716	146	476797	48.041	ng	99
13) 1,4-Dichlorobenzene	6.792	146	486732	48.999	ng	99
14) 1,2-Dichlorobenzene	6.939	146	465220	50.188	ng	99
15) Benzyl Alcohol	6.922	79	405041	50.022	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	757511	48.414	ng	100
17) 2-Methylphenol	7.034	107	385562	45.931	ng	98
18) Hexachloroethane	7.281	117	183347	49.828	ng	97
19) n-Nitroso-di-n-propyla...	7.198	70	314862	44.850	ng	99
20) 3+4-Methylphenols	7.186	107	444165	44.850	ng	98
22) Acetophenone	7.186	105	623398	45.885	ng	# 99
24) Nitrobenzene	7.357	77	501867	45.001	ng	96
25) Isophorone	7.598	82	938141	45.511	ng	99
26) 2-Nitrophenol	7.675	139	263272	47.780	ng	98
27) 2,4-Dimethylphenol	7.716	122	400038	45.095	ng	98
28) bis(2-Chloroethoxy)met...	7.810	93	565398	45.470	ng	99
29) 2,4-Dichlorophenol	7.916	162	395370	46.894	ng	99
30) 1,2,4-Trichlorobenzene	7.998	180	428884	47.072	ng	100
31) Naphthalene	8.075	128	1343130	45.015	ng	99
32) Benzoic acid	7.857	122	332962	46.921	ng	98
33) 4-Chloroaniline	8.128	127	373196	28.596	ng	98
34) Hexachlorobutadiene	8.192	225	239454	46.310	ng	98
35) Caprolactam	8.510	113	131719m	47.714	ng	
36) 4-Chloro-3-methylphenol	8.622	107	434547	47.453	ng	99
37) 2-Methylnaphthalene	8.769	142	871901	43.796	ng	97
38) 1-Methylnaphthalene	8.869	142	820317	44.037	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	393002	44.146	ng	99
41) Hexachlorocyclopentadiene	8.922	237	415023	109.533	ng	98
43) 2,4,6-Trichlorophenol	9.051	196	283736	47.458	ng	99

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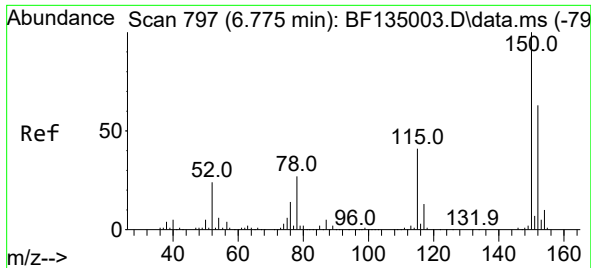
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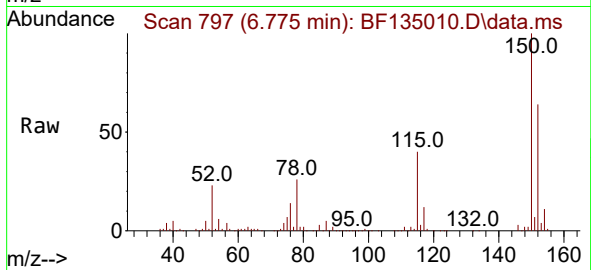
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	297544	42.987	ng	# 95
46) 1,1'-Biphenyl	9.239	154	1077647	44.354	ng	99
47) 2-Chloronaphthalene	9.263	162	832279	45.552	ng	98
48) 2-Nitroaniline	9.363	65	287101	45.903	ng	92
49) Acenaphthylene	9.680	152	1269823	45.976	ng	100
50) Dimethylphthalate	9.545	163	1010858	45.396	ng	99
51) 2,6-Dinitrotoluene	9.610	165	229343	46.938	ng	91
52) Acenaphthene	9.851	154	779457	44.285	ng	98
53) 3-Nitroaniline	9.775	138	192076	33.747	ng	100
54) 2,4-Dinitrophenol	9.892	184	251478	107.691	ng	# 89
55) Dibenzofuran	10.028	168	1099707	43.312	ng	97
56) 4-Nitrophenol	9.951	139	371092	92.753	ng	96
57) 2,4-Dinitrotoluene	10.016	165	282374	46.374	ng	96
58) Fluorene	10.369	166	853076	44.071	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	252958	47.460	ng	99
60) Diethylphthalate	10.251	149	946206	45.141	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	408642	42.680	ng	95
62) 4-Nitroaniline	10.398	138	252022	45.253	ng	99
63) Azobenzene	10.522	77	953670	45.185	ng	99
65) 4,6-Dinitro-2-methylph...	10.427	198	171860	48.238	ng	87
66) n-Nitrosodiphenylamine	10.486	169	799179	43.662	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	272244	43.603	ng	97
68) Hexachlorobenzene	10.916	284	306660	47.499	ng	99
70) Pentachlorophenol	11.116	266	291540	74.641	ng	98
71) Phenanthrene	11.333	178	1333636	43.913	ng	99
72) Anthracene	11.386	178	1369640	44.141	ng	99
73) Carbazole	11.545	167	1200681	44.864	ng	99
74) Di-n-butylphthalate	11.880	149	1469575	45.552	ng	100
75) Fluoranthene	12.527	202	1363324	44.400	ng	100
77) Benzidine	12.651	184	511278	89.917	ng	98
78) Pyrene	12.757	202	1396018	46.613	ng	100
80) Butylbenzylphthalate	13.386	149	551574	50.980	ng	98
81) Benzo(a)anthracene	13.957	228	972230	45.185	ng	100
82) 3,3'-Dichlorobenzidine	13.921	252	279063	42.981	ng	97
83) Chrysene	13.992	228	969580	45.852	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	586301	52.363	ng	98
85) Di-n-octyl phthalate	14.568	149	895189	52.380	ng	99
87) Indeno(1,2,3-cd)pyrene	16.915	276	923546	50.386	ng	99
88) Benzo(b)fluoranthene	15.004	252	792179	46.786	ng	100
89) Benzo(k)fluoranthene	15.033	252	769456	47.040	ng	99
90) Benzo(a)pyrene	15.368	252	692483	44.026	ng	100
91) Dibenzo(a,h)anthracene	16.933	278	746731	50.302	ng	99
92) Benzo(g,h,i)perylene	17.368	276	761716	49.335	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

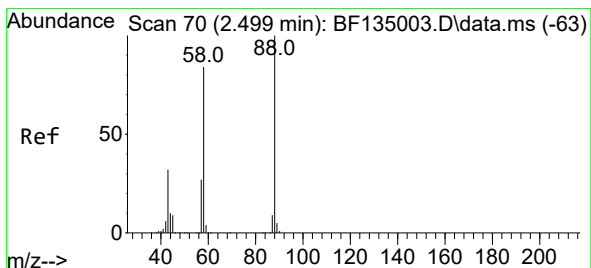
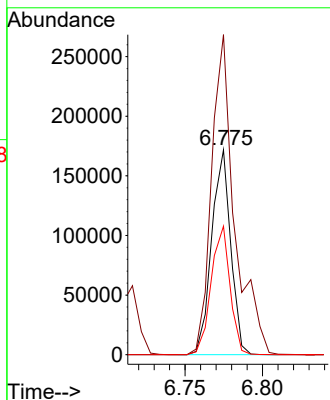
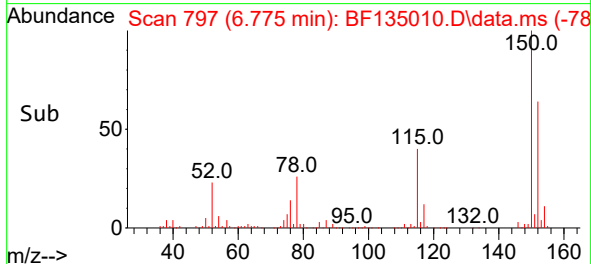
Instrument :
BNA_F
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PB155120BSD



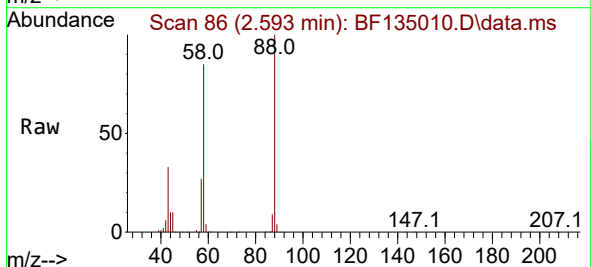
Tgt Ion:152 Resp: 14646
Ion Ratio Lower Upper
152 100
150 156.3 126.2 189.4
115 62.7 51.2 76.8

Manual Integrations
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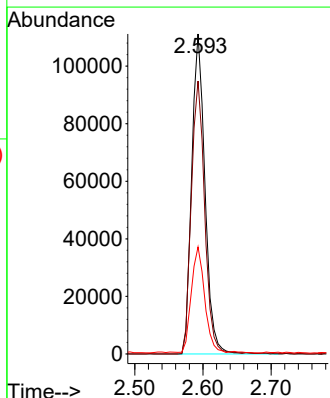
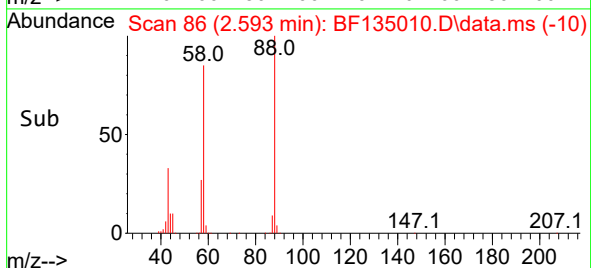
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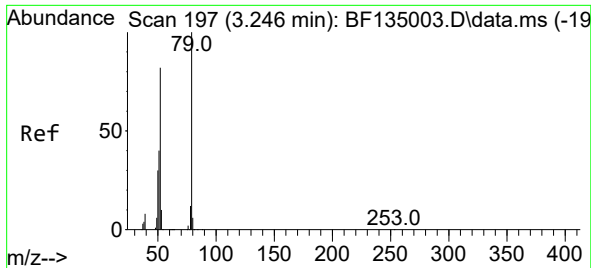


#2
1,4-Dioxane
Concen: 37.304 ng
RT: 2.593 min Scan# 86
Delta R.T. 0.094 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53



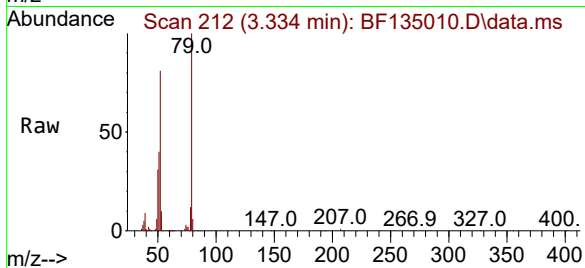
Tgt Ion: 88 Resp: 149835
Ion Ratio Lower Upper
88 100
58 85.9 67.1 100.7
43 32.9 25.9 38.9





#3
Pyridine
Concen: 36.926 ng
RT: 3.334 min Scan# 21
Delta R.T. 0.088 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

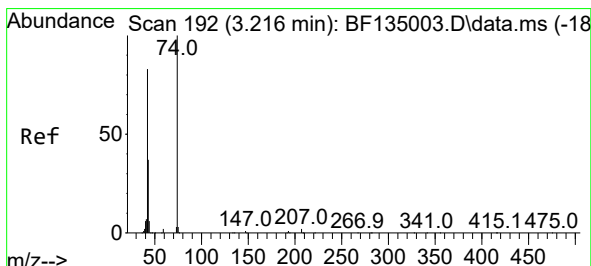
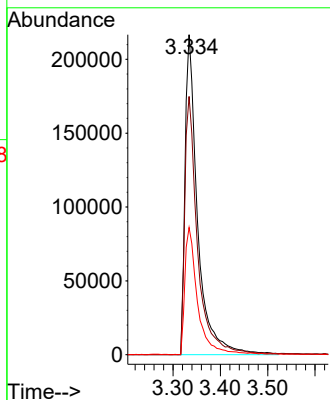
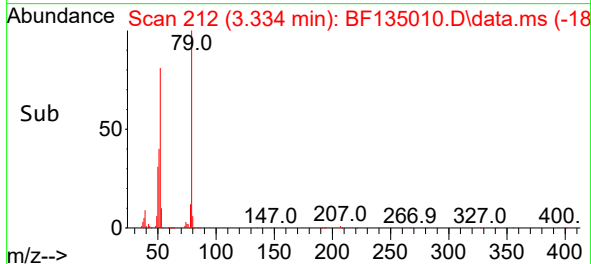
Instrument :
BNA_F
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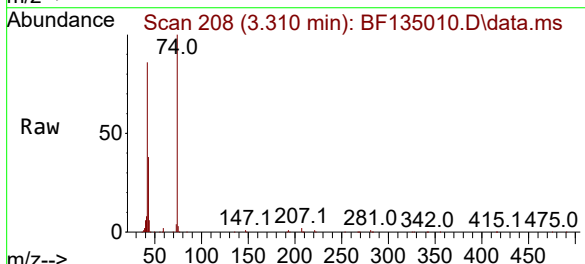
Tgt Ion: 79 Resp: 399844
Ion Ratio Lower Upper
79 100
52 80.7 65.4 98.2
51 39.7 32.6 49.0

Manual Integrations
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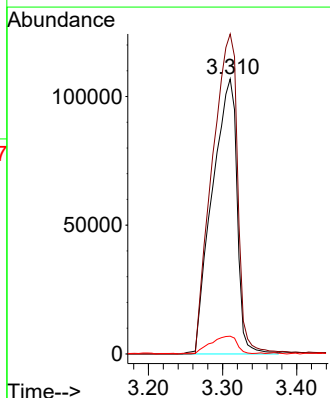
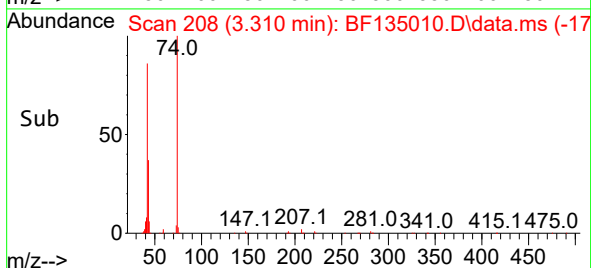
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023

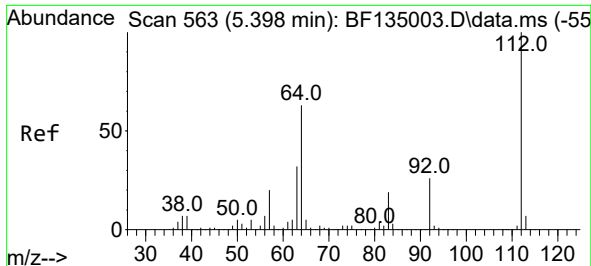


#4
n-Nitrosodimethylamine
Concen: 46.805 ng
RT: 3.310 min Scan# 208
Delta R.T. 0.094 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53



Tgt Ion: 42 Resp: 247852
Ion Ratio Lower Upper
42 100
74 116.4 96.2 144.2
44 6.5 5.8 8.6





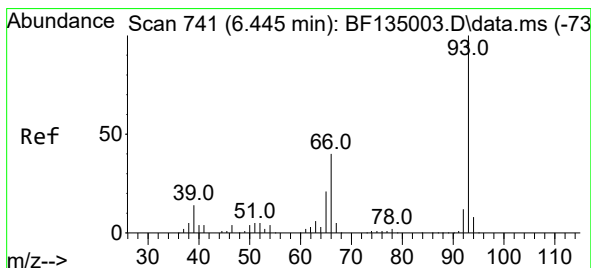
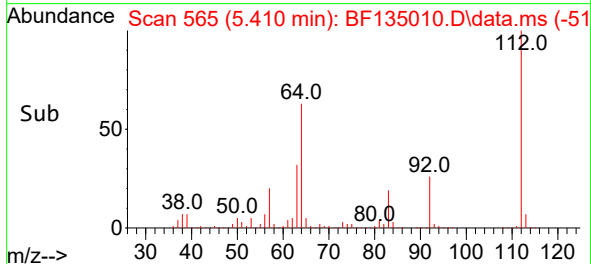
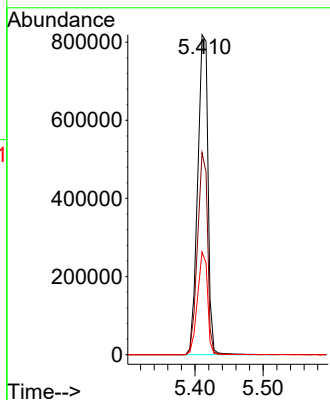
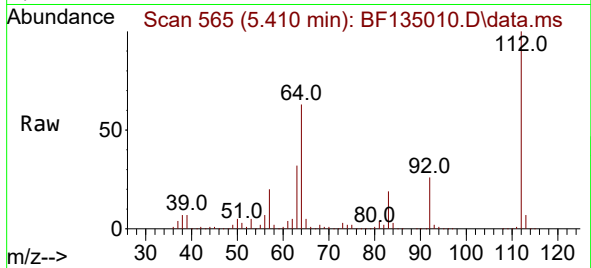
#5
2-Fluorophenol
Concen: 90.889 ng
RT: 5.410 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

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ClientSampleId :
PB155120BSD

Tgt Ion:112 Resp: 861828
Ion Ratio Lower Upper
112 100
64 63.1 50.5 75.7
63 32.1 25.9 38.9

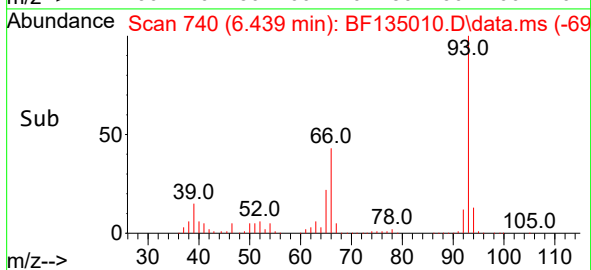
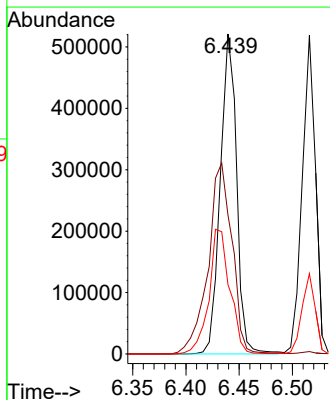
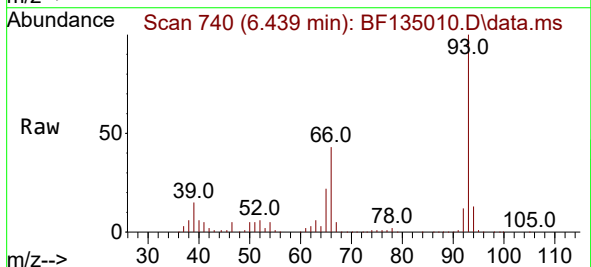
Manual Integrations
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Reviewed By :Yogesh Patel 08/31/2023
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#6
Aniline
Concen: 37.754 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

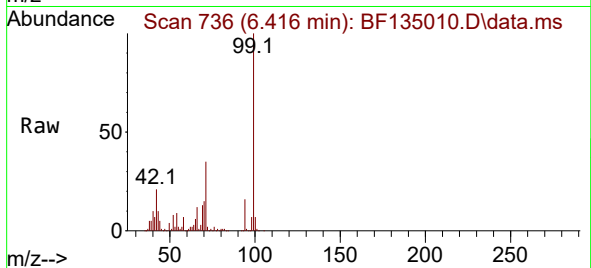
Tgt Ion: 93 Resp: 553160
Ion Ratio Lower Upper
93 100
66 43.5 32.4 48.6
65 21.7 16.6 24.8





#7
Phenol-d6
Concen: 88.501 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

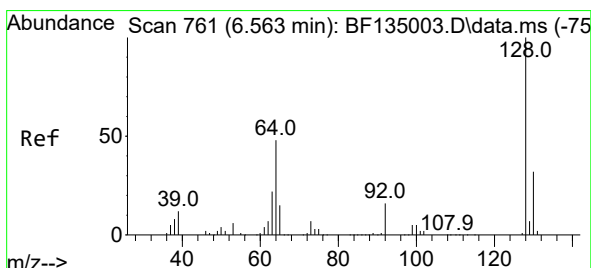
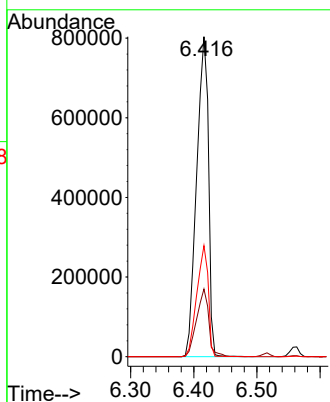
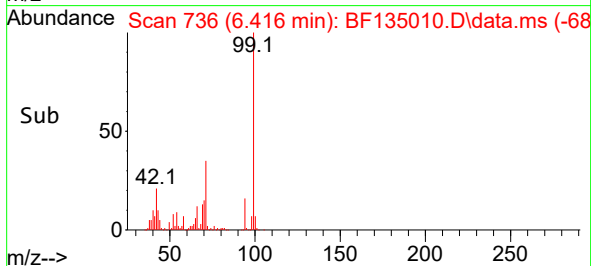
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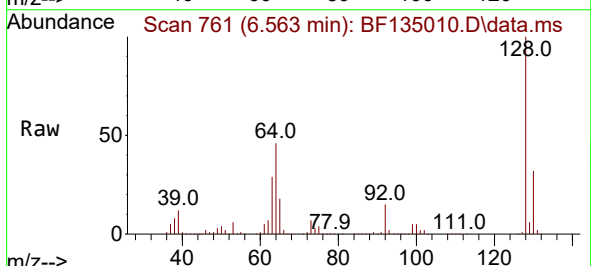
Tgt Ion: 99 Resp: 1045978
Ion Ratio Lower Upper
99 100
42 21.2 16.6 25.0
71 34.7 27.0 40.6

Manual Integrations
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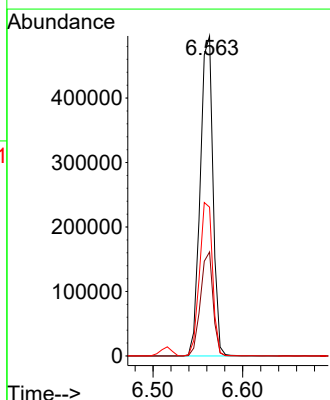
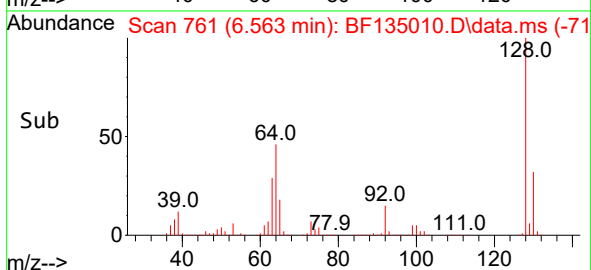
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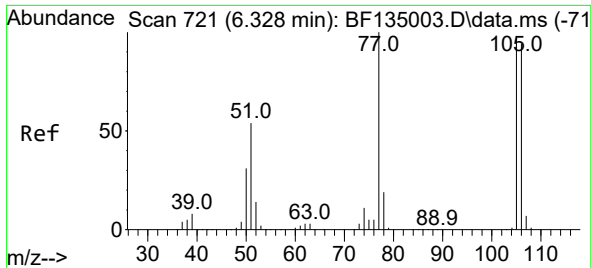


#8
2-Chlorophenol
Concen: 50.744 ng
RT: 6.563 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53



Tgt Ion:128 Resp: 488824
Ion Ratio Lower Upper
128 100
130 32.5 12.2 52.2
64 46.5 29.0 69.0





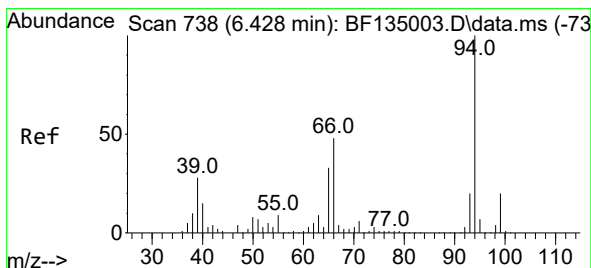
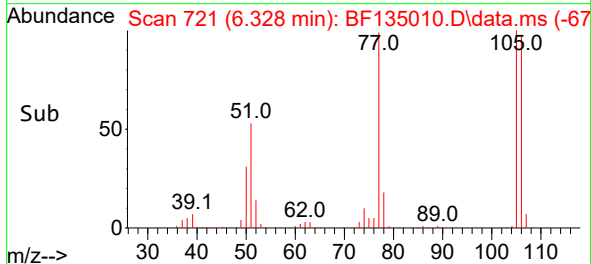
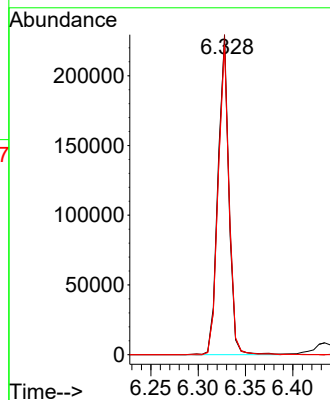
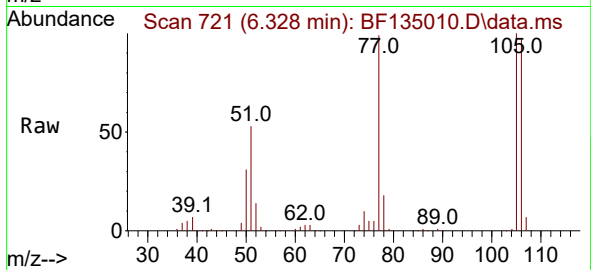
#9
Benzaldehyde
Concen: 30.094 ng
RT: 6.328 min Scan# 721
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Instrument :
BNA_F
ClientSampleId :
PB155120BSD

Tgt Ion: 77 Resp: 18123
Ion Ratio Lower Upper
77 100
105 101.4 78.4 118.4
106 98.0 74.3 114.3

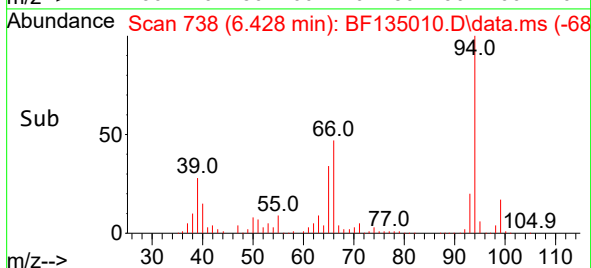
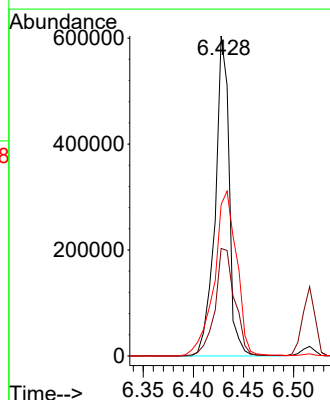
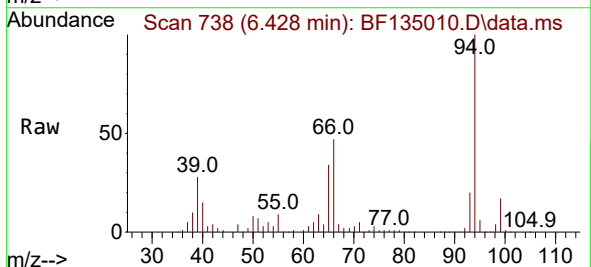
Manual Integrations
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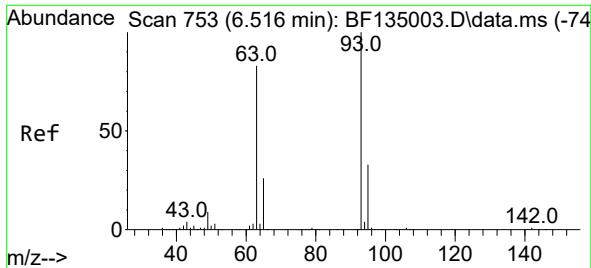
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023



#10
Phenol
Concen: 47.458 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

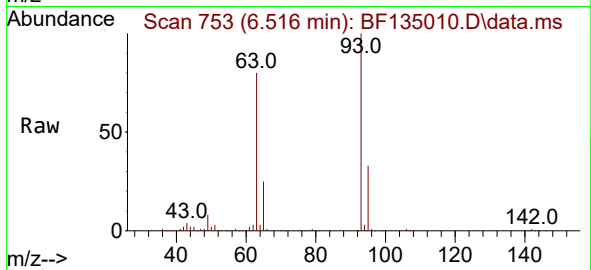
Tgt Ion: 94 Resp: 588850
Ion Ratio Lower Upper
94 100
65 33.6 13.2 53.2
66 47.4 27.5 67.5





#11
bis(2-Chloroethyl)ether
Concen: 47.662 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

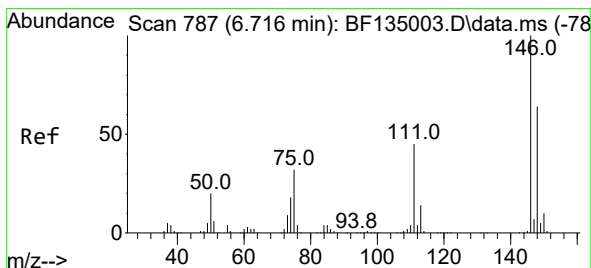
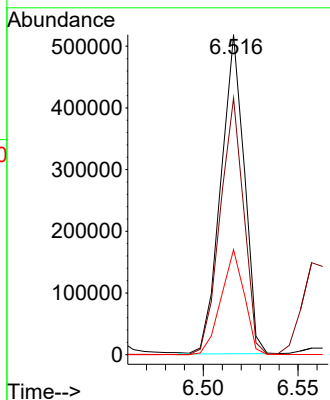
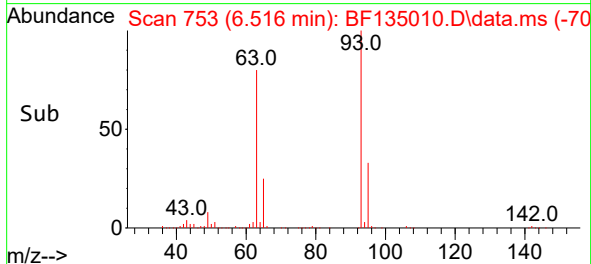
Instrument :
BNA_F
ClientSampleId :
PB155120BSD



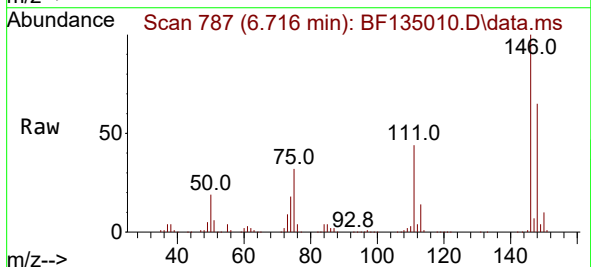
Tgt Ion: 93 Resp: 445319
Ion Ratio Lower Upper
93 100
63 80.2 62.8 102.8
95 32.8 12.7 52.7

Manual Integrations
APPROVED

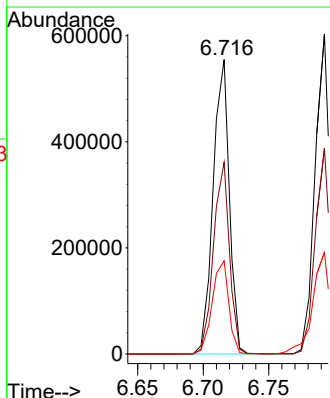
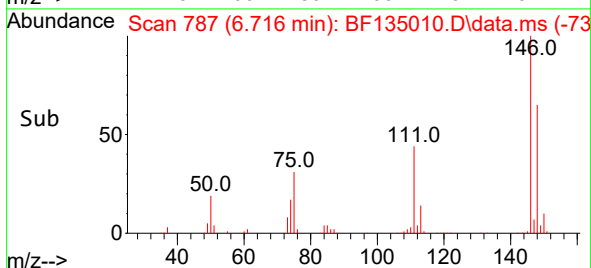
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023

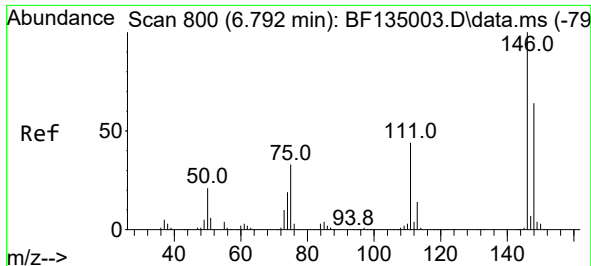


#12
1,3-Dichlorobenzene
Concen: 48.041 ng
RT: 6.716 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53



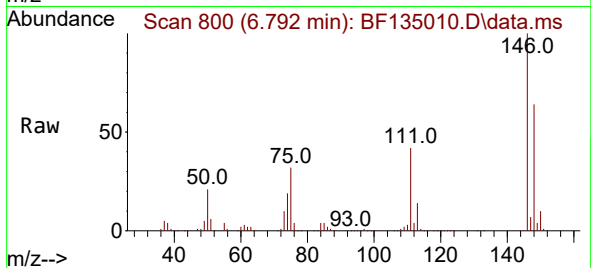
Tgt Ion:146 Resp: 476797
Ion Ratio Lower Upper
146 100
148 65.1 51.6 77.4
75 31.6 25.8 38.8





#13
1,4-Dichlorobenzene
Concen: 48.999 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

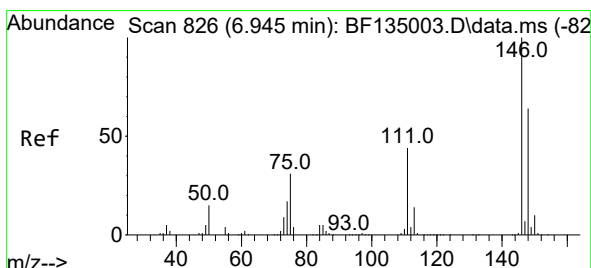
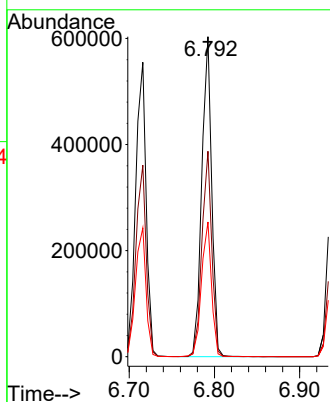
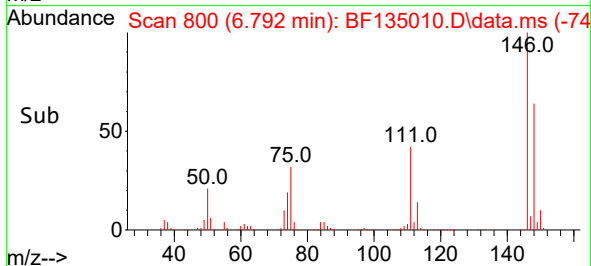
Instrument :
BNA_F
ClientSampleId :
PB155120BSD



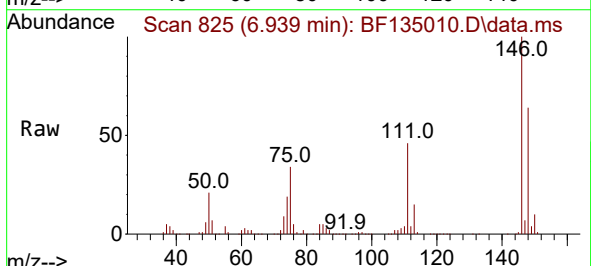
Tgt Ion:146 Resp: 486732
Ion Ratio Lower Upper
146 100
148 64.2 51.5 77.3
111 42.1 35.2 52.8

Manual Integrations
APPROVED

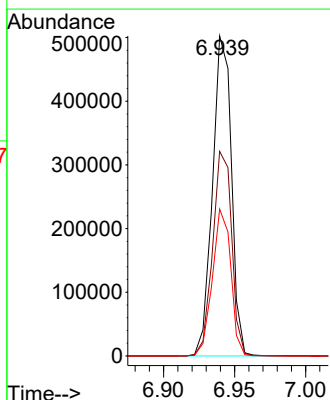
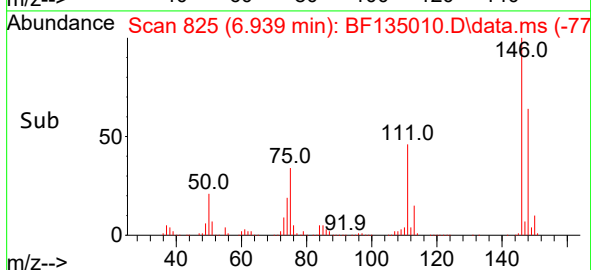
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023

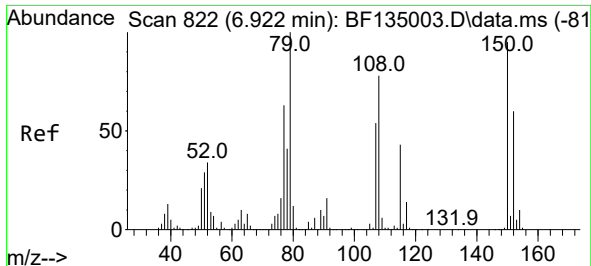


#14
1,2-Dichlorobenzene
Concen: 50.188 ng
RT: 6.939 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53



Tgt Ion:146 Resp: 465220
Ion Ratio Lower Upper
146 100
148 63.9 51.1 76.7
111 45.9 35.3 52.9





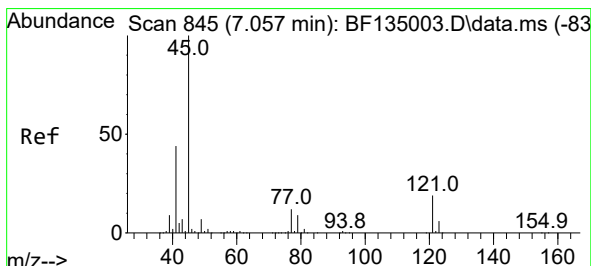
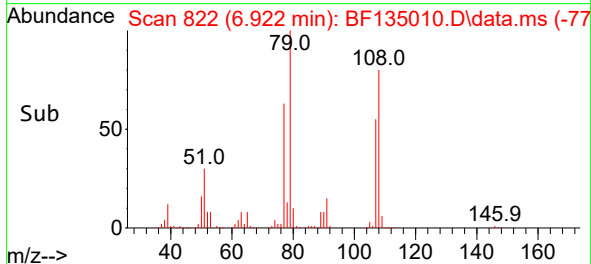
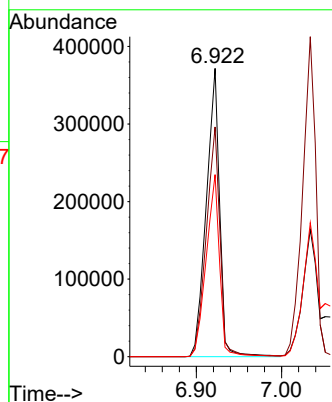
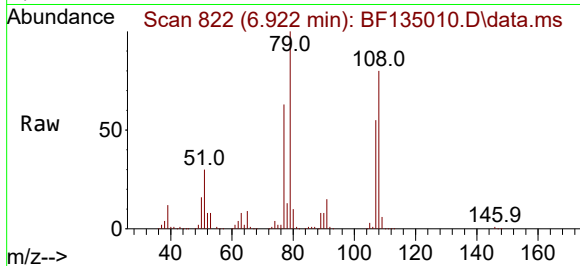
#15
Benzyl Alcohol
Concen: 50.022 ng
RT: 6.922 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Instrument :
BNA_F
ClientSampleId :
PB155120BSD

Tgt Ion: 79 Resp: 40504
Ion Ratio Lower Upper
79 100
108 79.7 62.5 93.7
77 63.1 50.4 75.6

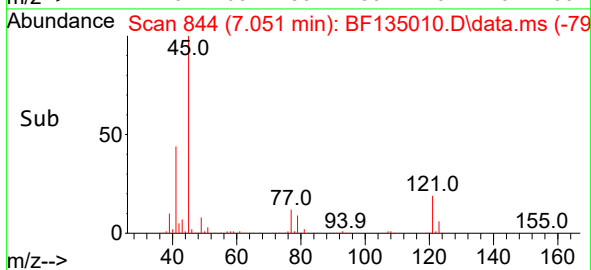
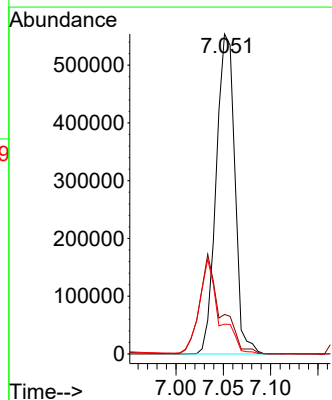
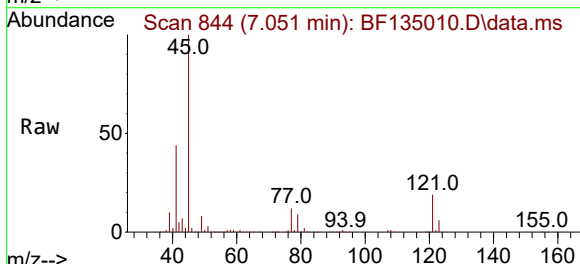
Manual Integrations
APPROVED

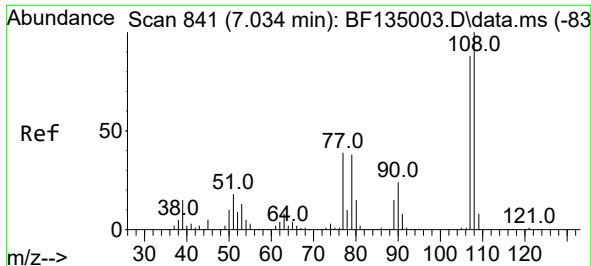
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.414 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Tgt Ion: 45 Resp: 757511
Ion Ratio Lower Upper
45 100
77 12.3 0.0 32.3
79 9.3 0.0 29.5





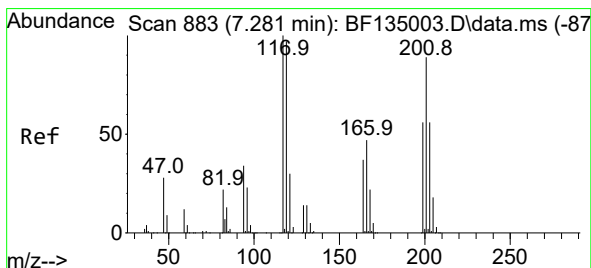
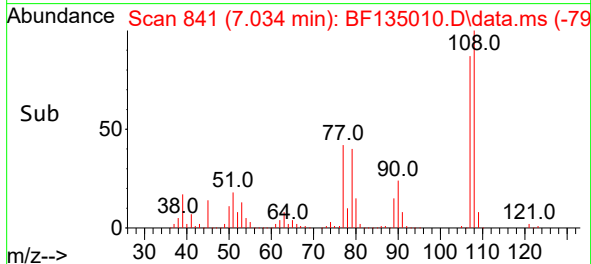
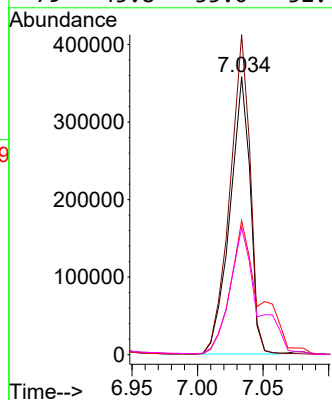
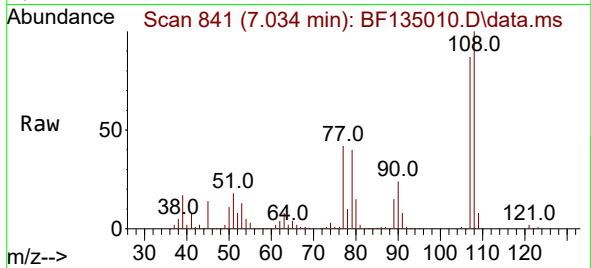
#17
2-Methylphenol
Concen: 45.931 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Instrument :
BNA_F
ClientSampleId :
PB155120BSD

Tgt Ion:107 Resp: 385562
Ion Ratio Lower Upper
107 100
108 115.2 91.2 136.8
77 48.2 36.0 54.0
79 45.8 35.0 52.4

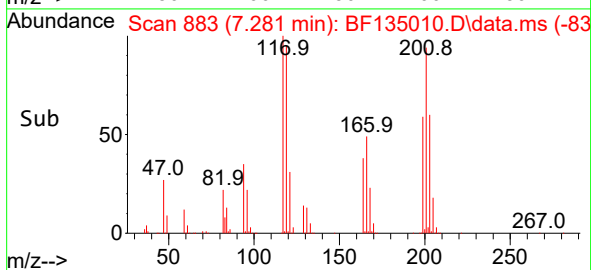
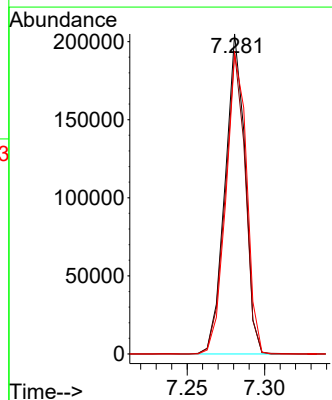
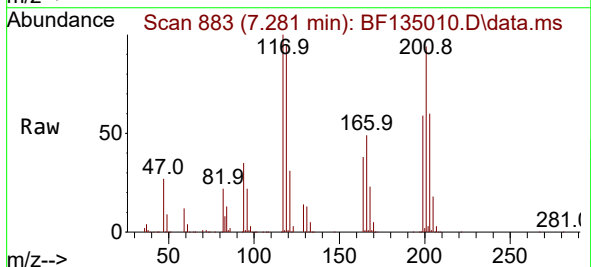
Manual Integrations
APPROVED

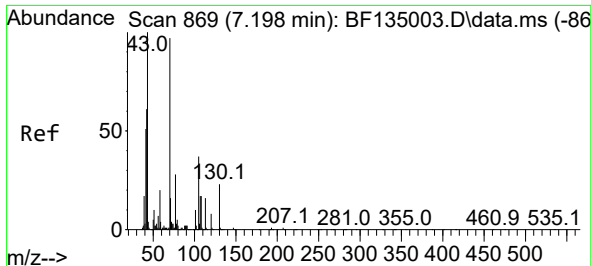
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023



#18
Hexachloroethane
Concen: 49.828 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

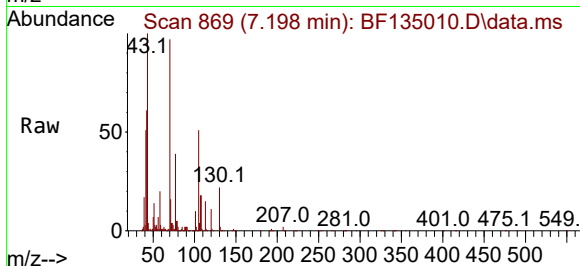
Tgt Ion:117 Resp: 183347
Ion Ratio Lower Upper
117 100
119 94.7 77.4 116.2
201 93.6 71.4 107.2





#19
n-Nitroso-di-n-propylamine
Concen: 44.850 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

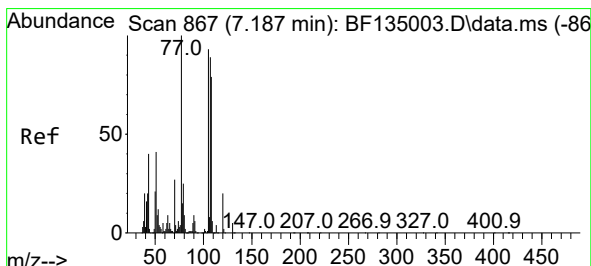
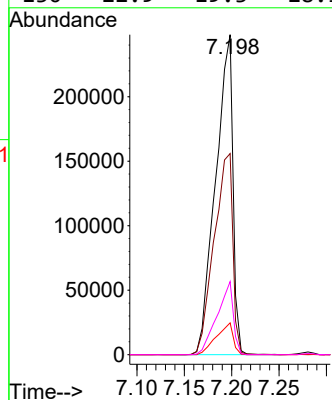
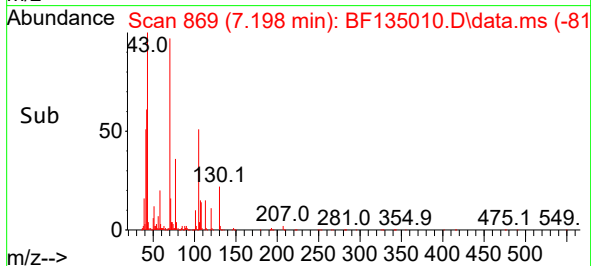
Instrument :
BNA_F
ClientSampleId :
PB155120BSD



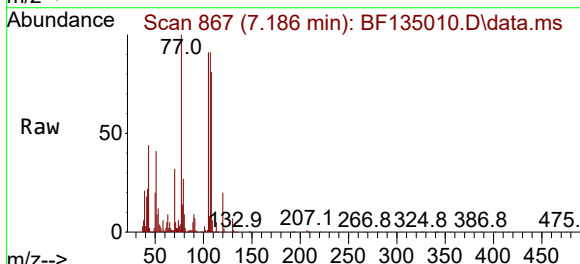
Tgt Ion: 70 Resp: 314862
Ion Ratio Lower Upper
70 100
42 62.9 50.2 75.4
101 10.0 8.1 12.1
130 22.9 19.3 28.9

Manual Integrations
APPROVED

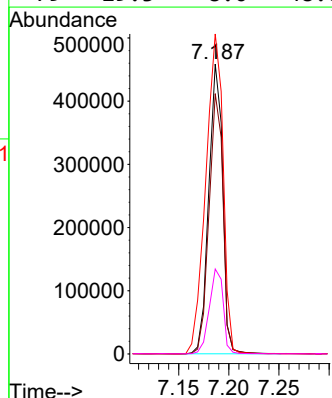
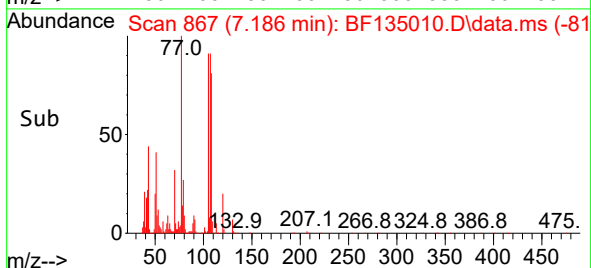
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023

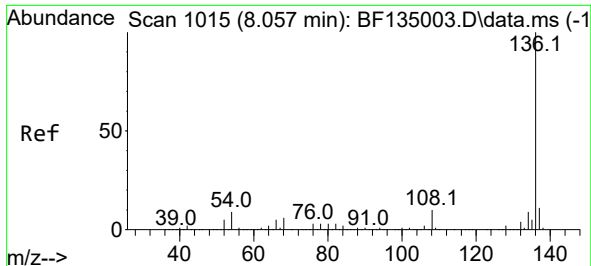


#20
3+4-Methylphenols
Concen: 44.850 ng
RT: 7.186 min Scan# 867
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53



Tgt Ion:107 Resp: 444165
Ion Ratio Lower Upper
107 100
108 89.8 68.6 108.6
77 110.4 92.3 132.3
79 29.3 8.0 48.0





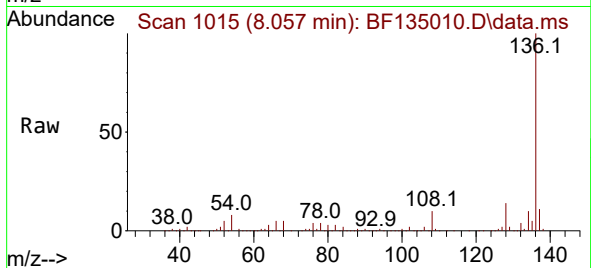
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Instrument :

BNA_F

ClientSampleId :

PB155120BSD

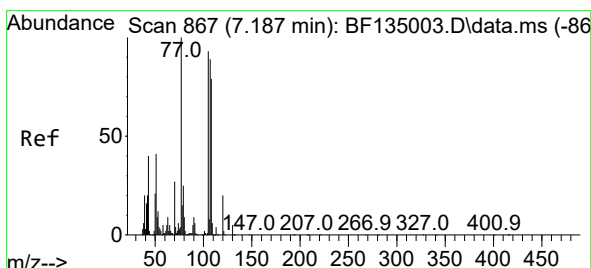
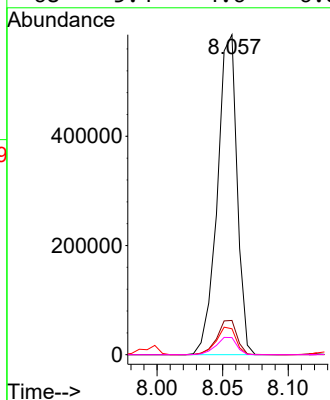
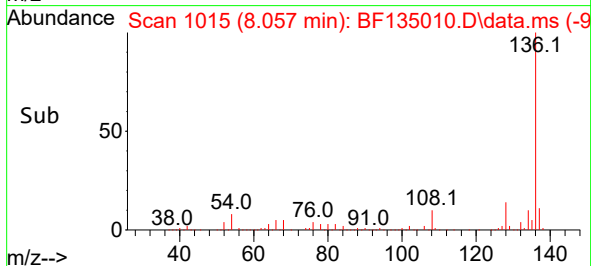


Tgt Ion:136 Resp: 61080
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.1 7.0 10.4
68 5.4 4.6 6.8

Manual Integrations

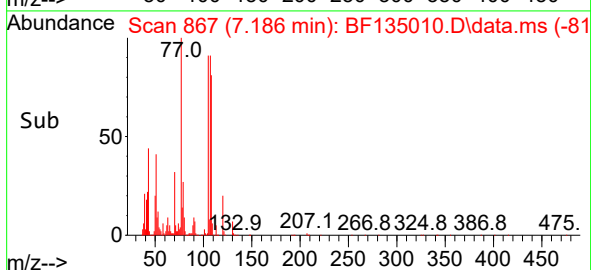
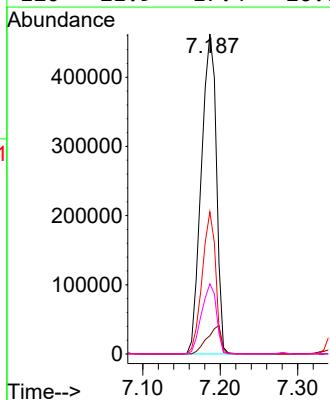
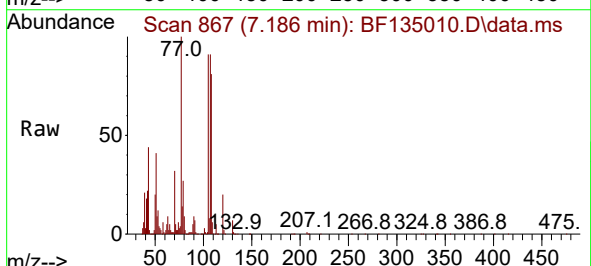
APPROVED

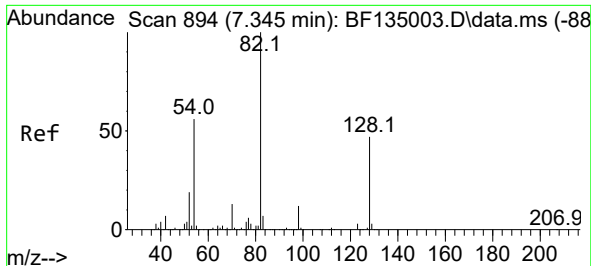
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023



#22
Acetophenone
Concen: 45.885 ng
RT: 7.186 min Scan# 867
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Tgt Ion:105 Resp: 623398
Ion Ratio Lower Upper
105 100
71 5.7 3.8 5.6#
51 44.4 35.0 52.6
120 21.9 17.4 26.0





#23

Nitrobenzene-d5

Concen: 88.623 ng

RT: 7.345 min Scan# 894

Delta R.T. 0.000 min

Lab File: BF135010.D

Acq: 30 Aug 2023 17:53

Instrument :

BNA_F

ClientSampleId :

PB155120BSD

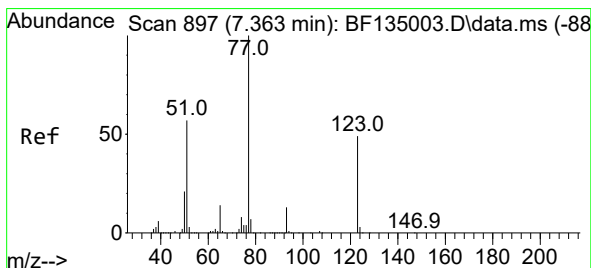
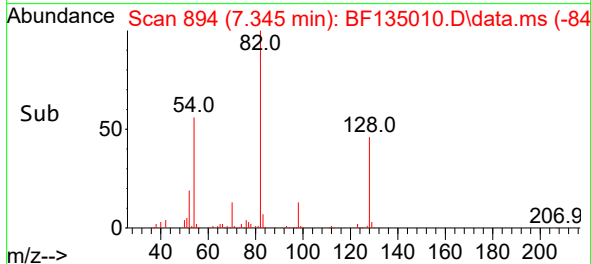
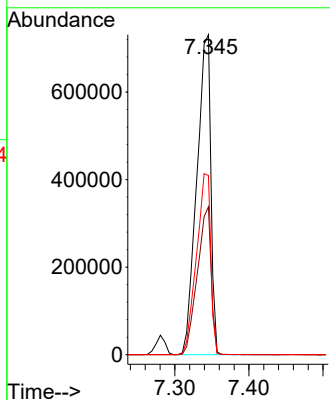
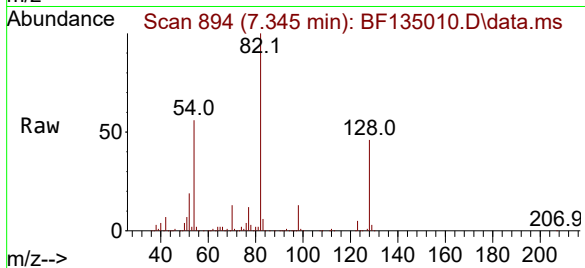
Tgt Ion:	82	Resp:	96351
Ion Ratio	Lower	Upper	
82	100		
128	46.2	37.8	56.8
54	56.0	45.0	67.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/31/2023

Supervised By :mohammad ahmed 08/31/2023



#24

Nitrobenzene

Concen: 45.001 ng

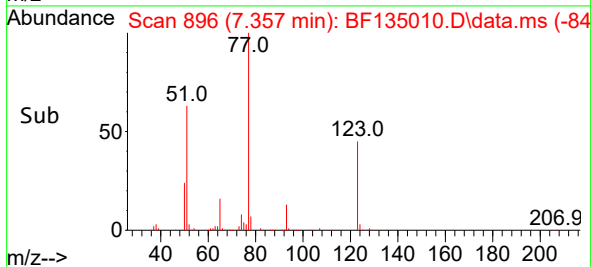
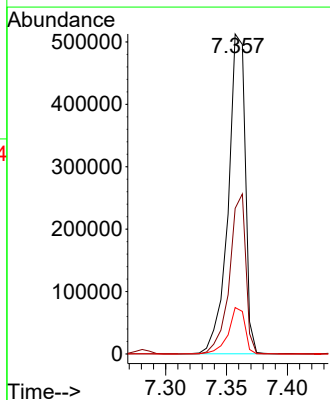
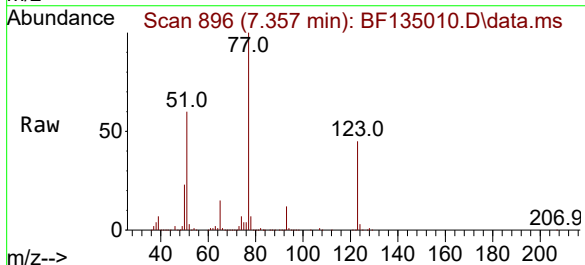
RT: 7.357 min Scan# 896

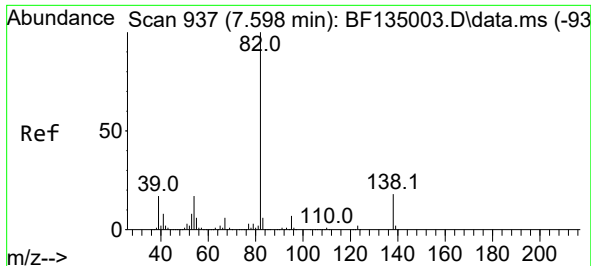
Delta R.T. -0.006 min

Lab File: BF135010.D

Acq: 30 Aug 2023 17:53

Tgt Ion:	77	Resp:	501867
Ion Ratio	Lower	Upper	
77	100		
123	45.5	39.4	59.2
65	14.5	11.4	17.2





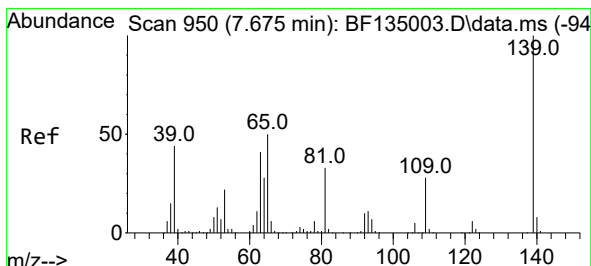
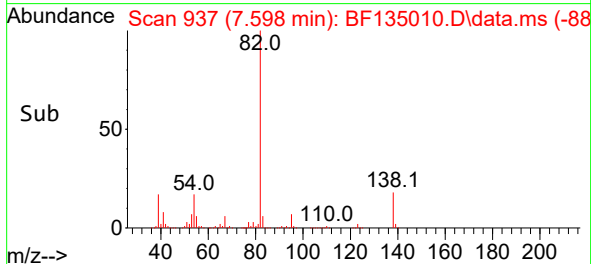
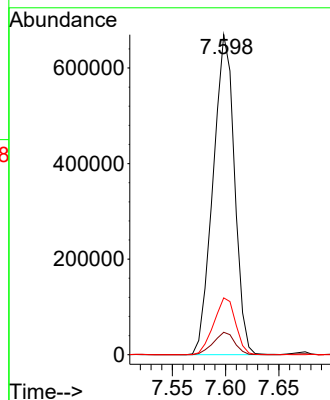
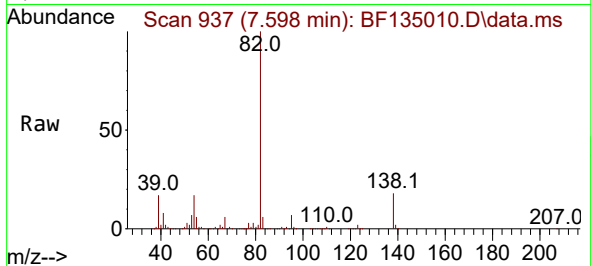
#25
Isophorone
Concen: 45.511 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Instrument :
BNA_F
ClientSampleId :
PB155120BSD

Tgt Ion: 82 Resp: 93814
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 17.7 14.7 22.1

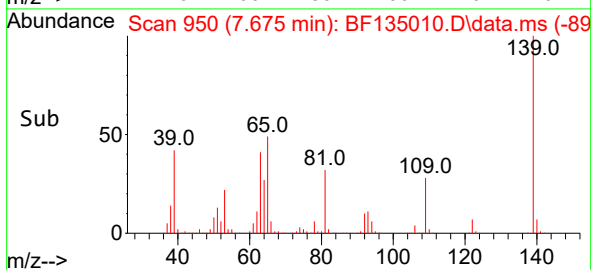
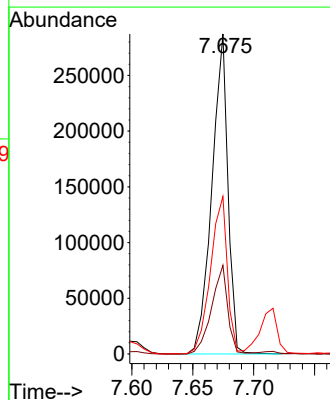
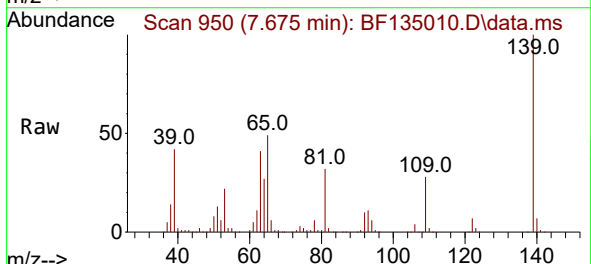
Manual Integrations
APPROVED

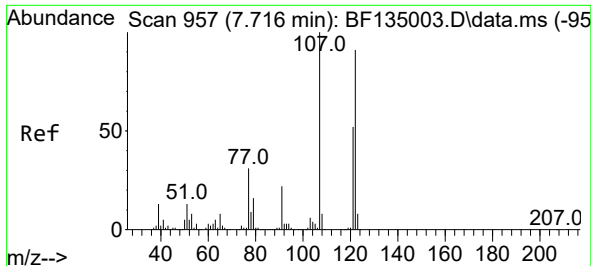
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023



#26
2-Nitrophenol
Concen: 47.780 ng
RT: 7.675 min Scan# 950
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

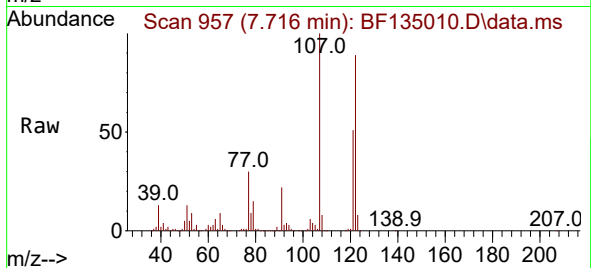
Tgt Ion:139 Resp: 263272
Ion Ratio Lower Upper
139 100
109 27.7 22.6 34.0
65 49.2 40.3 60.5





#27
2,4-Dimethylphenol
Concen: 45.095 ng
RT: 7.716 min Scan# 957
Delta R.T. 0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

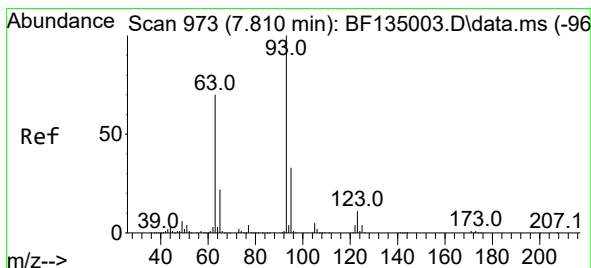
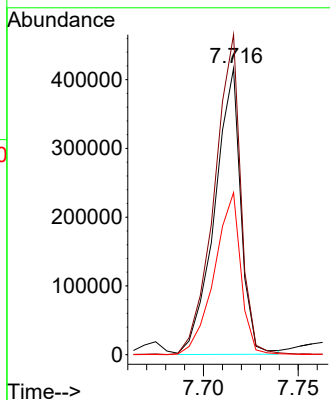
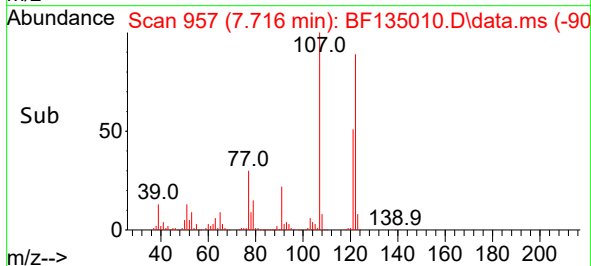
Instrument :
BNA_F
ClientSampleId :
PB155120BSD



Tgt Ion:122 Resp: 400038
Ion Ratio Lower Upper
122 100
107 111.8 87.8 131.8
121 56.6 46.0 69.0

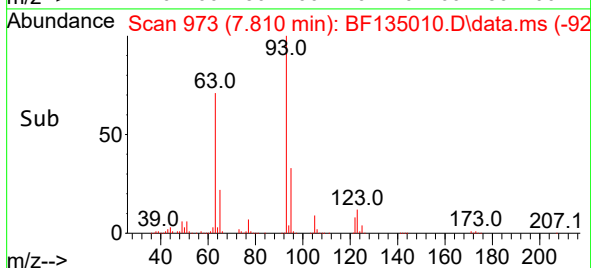
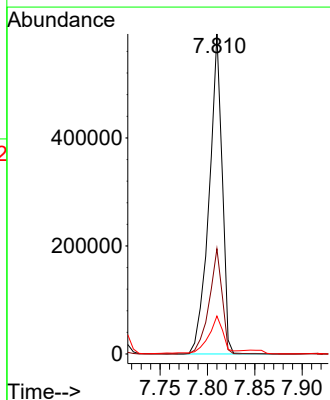
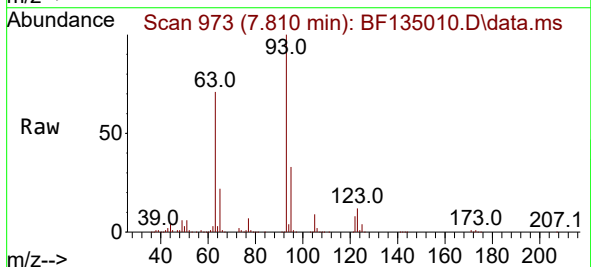
Manual Integrations
APPROVED

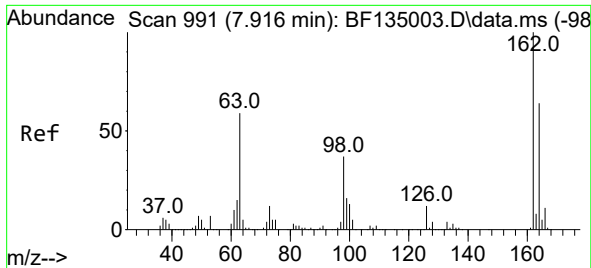
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023



#28
bis(2-Chloroethoxy)methane
Concen: 45.470 ng
RT: 7.810 min Scan# 973
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Tgt Ion: 93 Resp: 565398
Ion Ratio Lower Upper
93 100
95 32.9 26.0 39.0
123 11.8 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 46.894 ng

RT: 7.916 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF135010.D

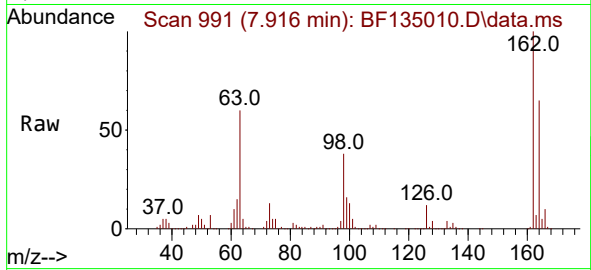
Acq: 30 Aug 2023 17:53

Instrument :

BNA_F

ClientSampleId :

PB155120BSD



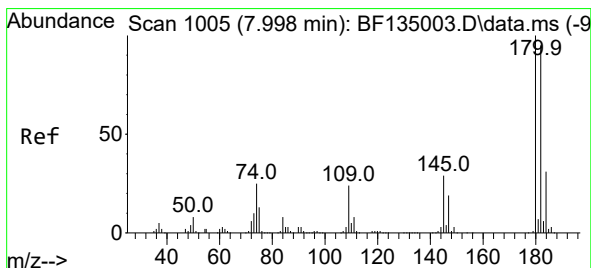
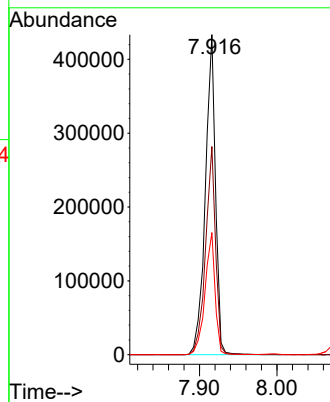
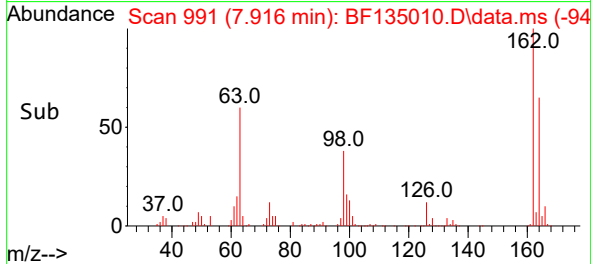
Tgt Ion:	162	Resp:	395370
Ion Ratio	Lower	Upper	
162	100		
164	65.1	44.2	84.2
98	38.1	17.3	57.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/31/2023

Supervised By :mohammad ahmed 08/31/2023



#30

1,2,4-Trichlorobenzene

Concen: 47.072 ng

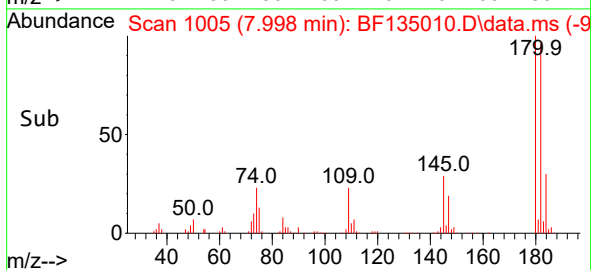
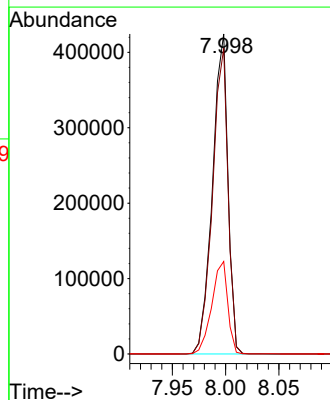
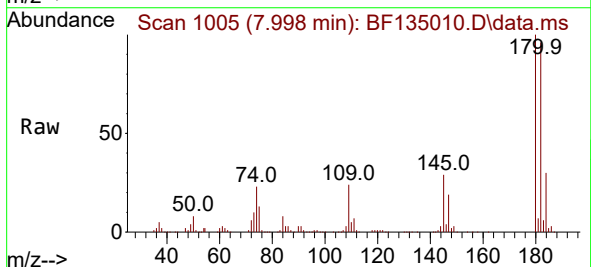
RT: 7.998 min Scan# 1005

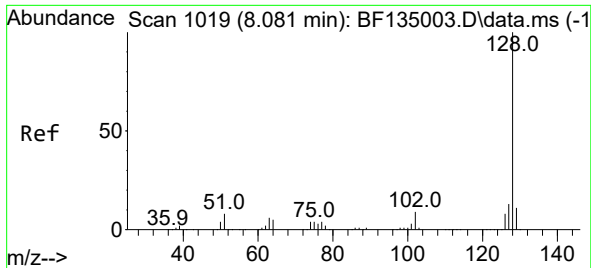
Delta R.T. 0.000 min

Lab File: BF135010.D

Acq: 30 Aug 2023 17:53

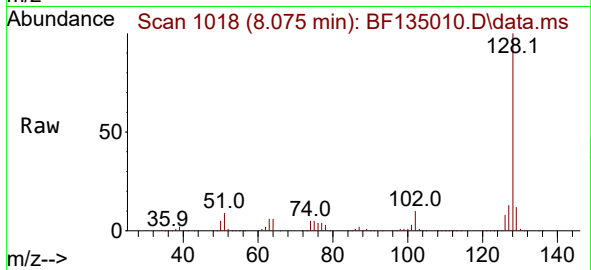
Tgt Ion:	180	Resp:	428884
Ion Ratio	Lower	Upper	
180	100		
182	95.5	76.3	114.5
145	28.9	23.5	35.3





#31
Naphthalene
Concen: 45.015 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

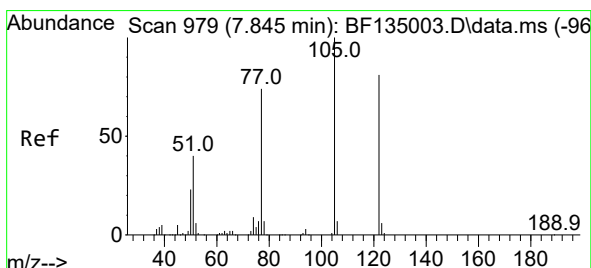
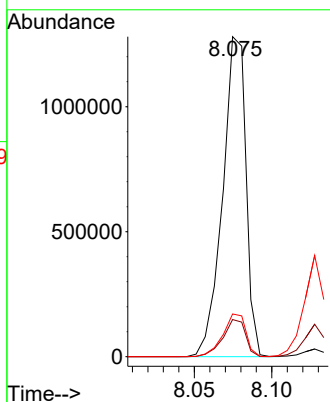
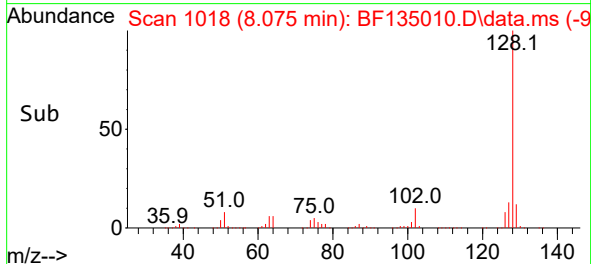
Instrument :
BNA_F
ClientSampleId :
PB155120BSD



Tgt Ion:128 Resp: 1343130
Ion Ratio Lower Upper
128 100
129 11.6 8.6 13.0
127 13.3 10.6 16.0

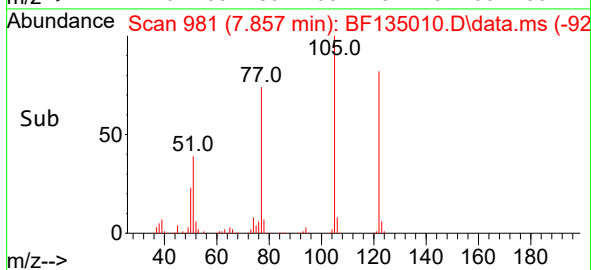
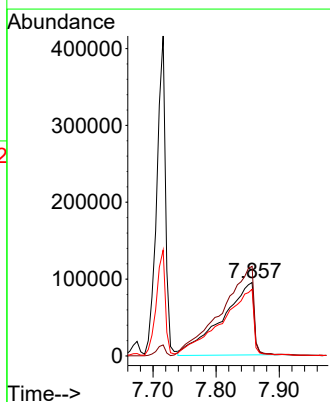
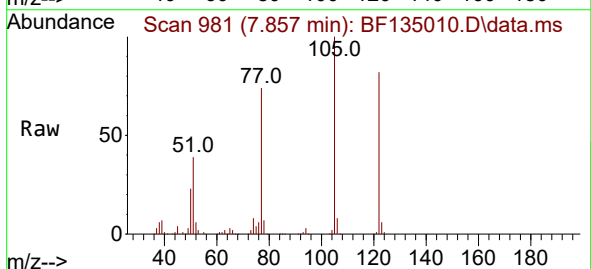
Manual Integrations
APPROVED

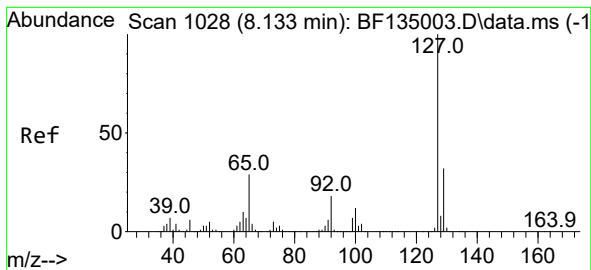
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023



#32
Benzoic acid
Concen: 46.921 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.012 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Tgt Ion:122 Resp: 332962
Ion Ratio Lower Upper
122 100
105 122.1 99.8 139.8
77 90.9 69.5 109.5





#33
4-Chloroaniline
Concen: 28.596 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Instrument :

BNA_F

ClientSampleId :

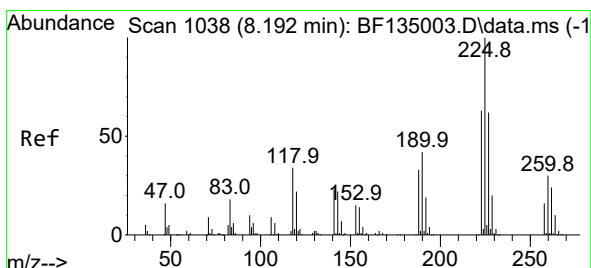
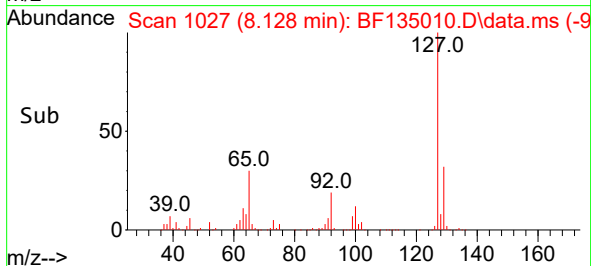
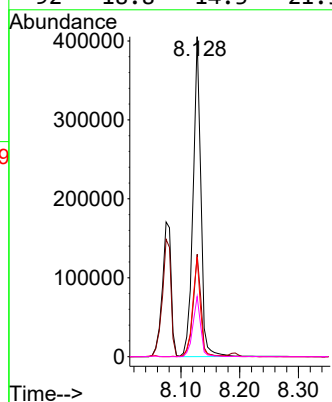
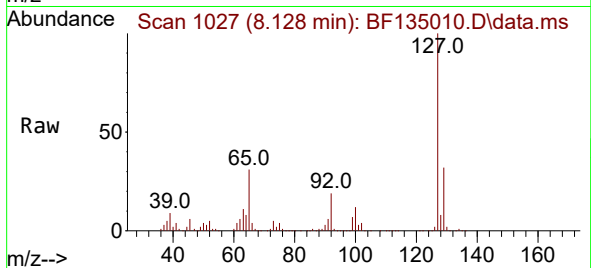
PB155120BSD

Tgt Ion:127 Resp: 373190
Ion Ratio Lower Upper
127 100
129 32.0 25.6 38.4
65 31.1 23.1 34.7
92 18.8 14.3 21.5

Manual Integrations

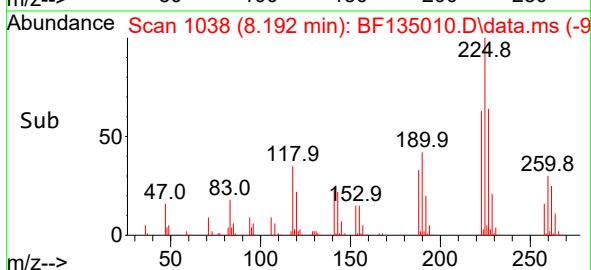
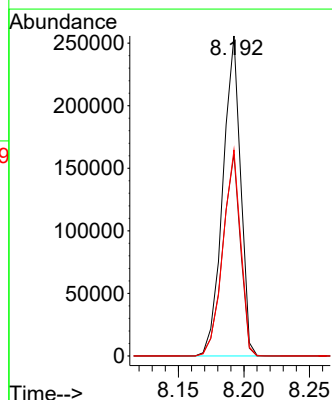
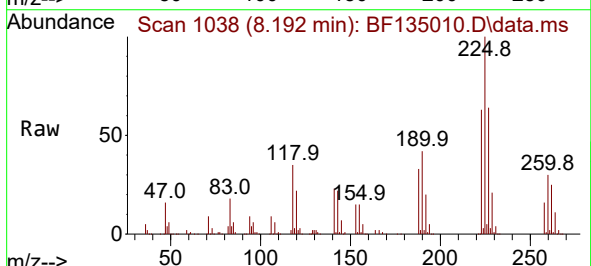
APPROVED

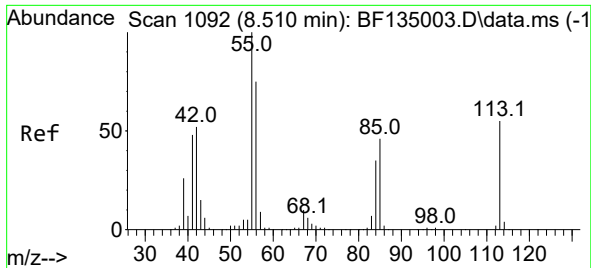
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023



#34
Hexachlorobutadiene
Concen: 46.310 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

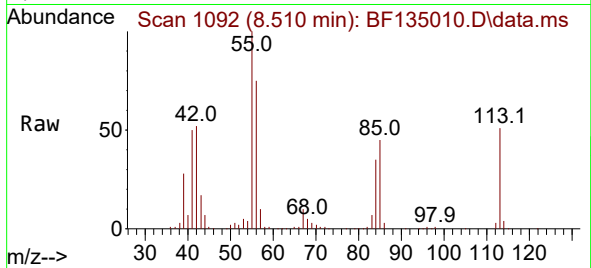
Tgt Ion:225 Resp: 239454
Ion Ratio Lower Upper
225 100
223 63.0 50.7 76.1
227 64.3 49.6 74.4





#35
Caprolactam
Concen: 47.714 ng m
RT: 8.510 min Scan# 1092
Delta R.T. 0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

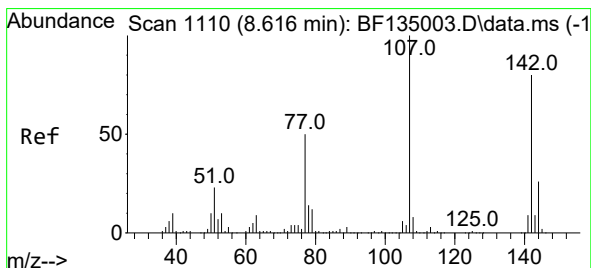
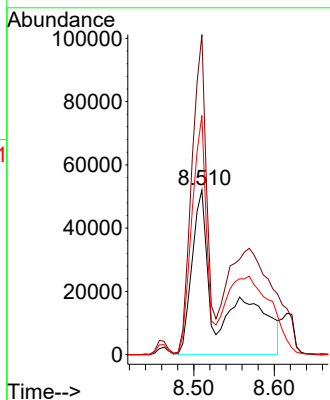
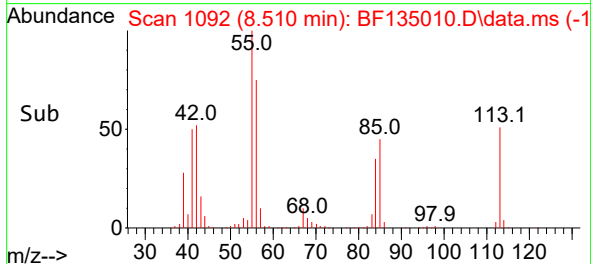
Instrument :
BNA_F
ClientSampleId :
PB155120BSD



Tgt Ion:113 Resp: 131719
Ion Ratio Lower Upper
113 100
55 194.4 160.6 200.6
56 145.3 115.4 155.4

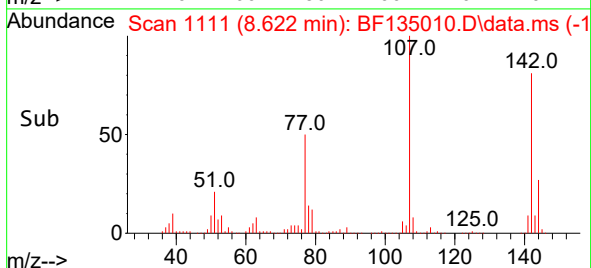
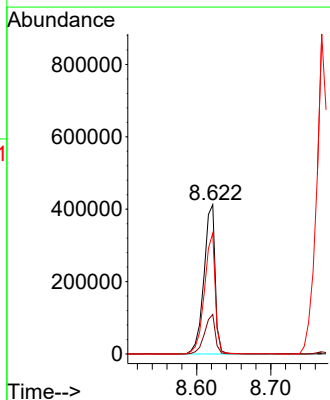
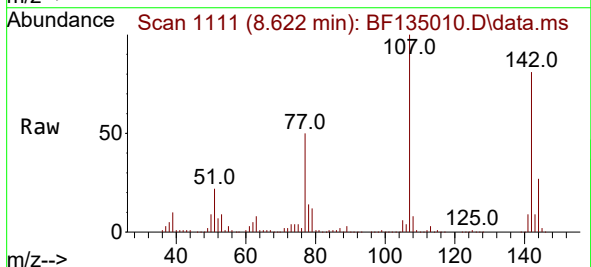
Manual Integrations
APPROVED

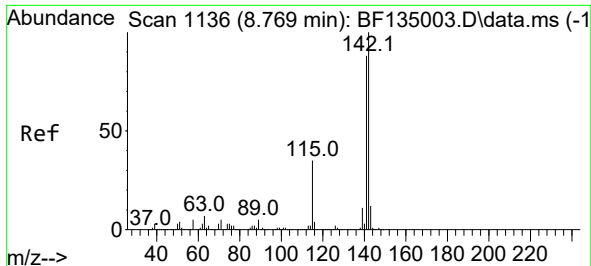
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023



#36
4-Chloro-3-methylphenol
Concen: 47.453 ng
RT: 8.622 min Scan# 1111
Delta R.T. 0.006 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Tgt Ion:107 Resp: 434547
Ion Ratio Lower Upper
107 100
144 26.5 20.6 31.0
142 80.9 64.4 96.6





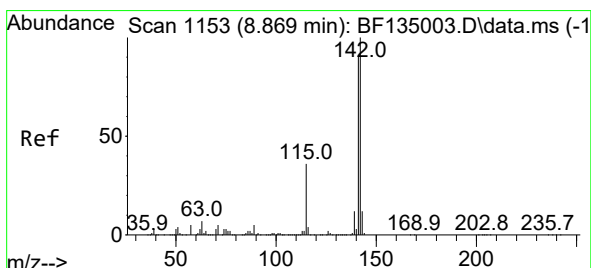
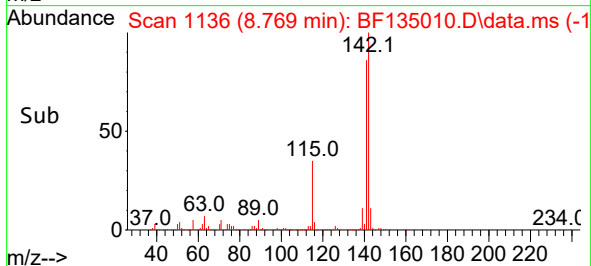
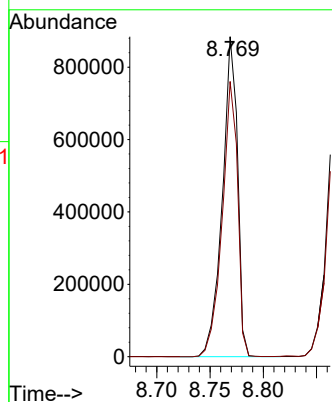
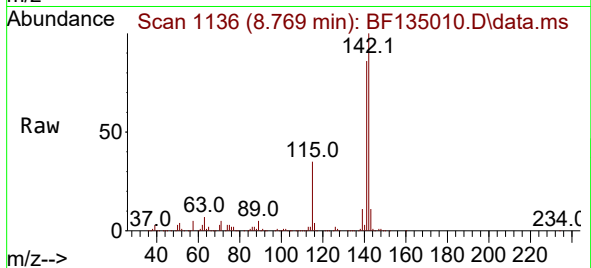
#37
2-Methylnaphthalene
Concen: 43.796 ng
RT: 8.769 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Instrument :
BNA_F
ClientSampleId :
PB155120BSD

Tgt Ion:142 Resp: 87190
Ion Ratio Lower Upper
142 100
141 86.0 70.7 106.1

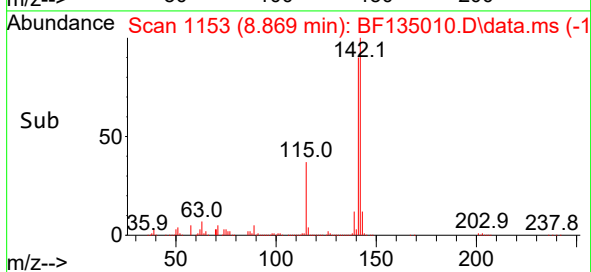
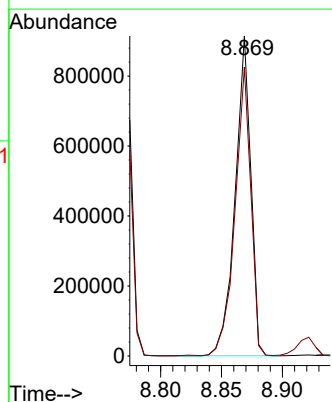
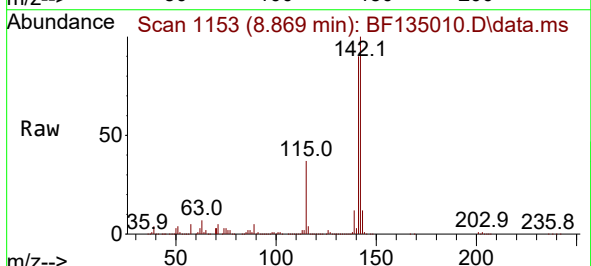
Manual Integrations
APPROVED

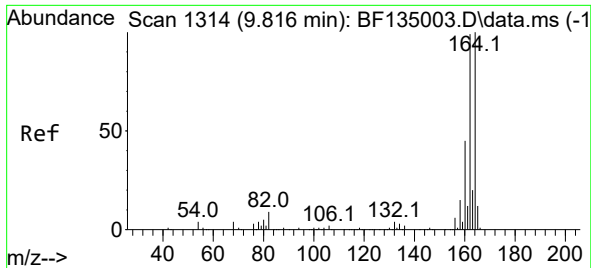
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023



#38
1-Methylnaphthalene
Concen: 44.037 ng
RT: 8.869 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

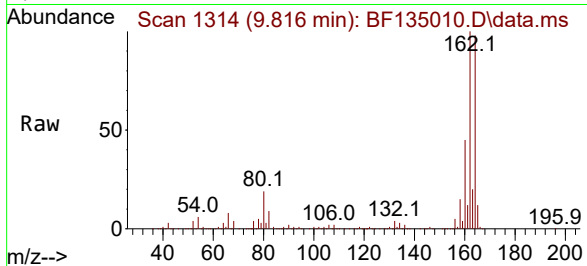
Tgt Ion:142 Resp: 820317
Ion Ratio Lower Upper
142 100
141 90.3 73.0 109.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

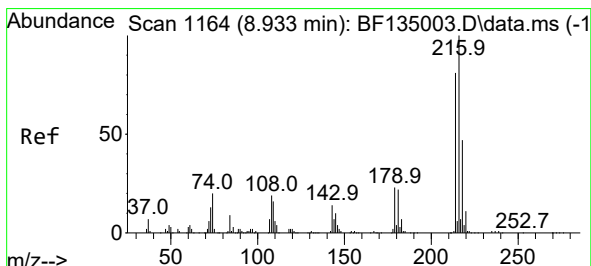
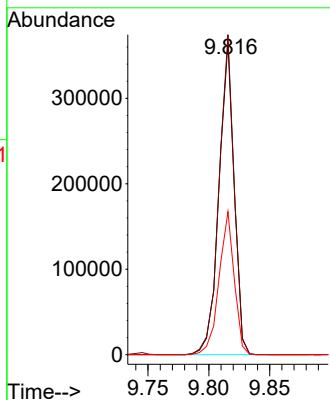
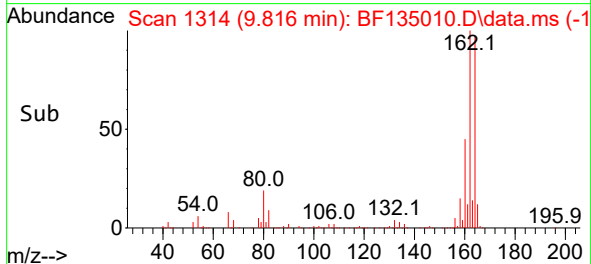
Instrument :
BNA_F
ClientSampleId :
PB155120BSD



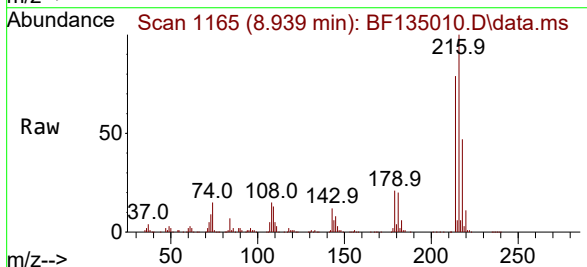
Tgt Ion:164 Resp: 31801
Ion Ratio Lower Upper
164 100
162 102.5 79.5 119.3
160 45.8 36.0 54.0

Manual Integrations
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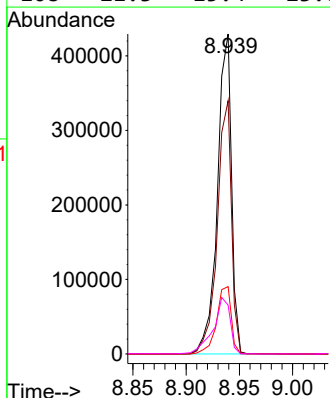
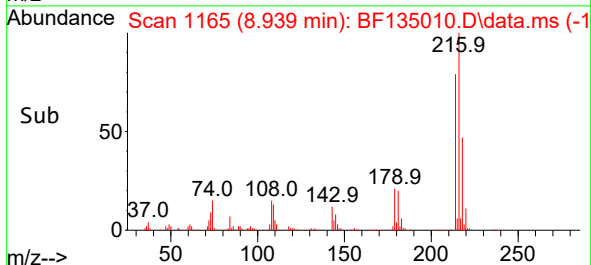
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.146 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53



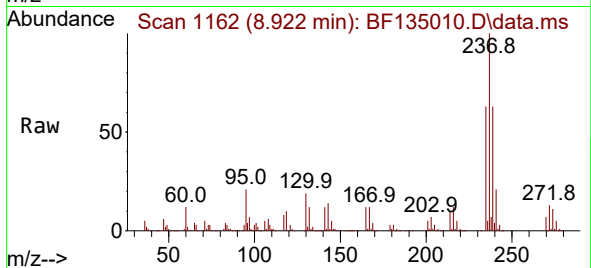
Tgt Ion:216 Resp: 393002
Ion Ratio Lower Upper
216 100
214 79.8 63.8 95.8
179 21.9 17.7 26.5
108 21.3 15.4 23.0





#41
Hexachlorocyclopentadiene
Concen: 109.533 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

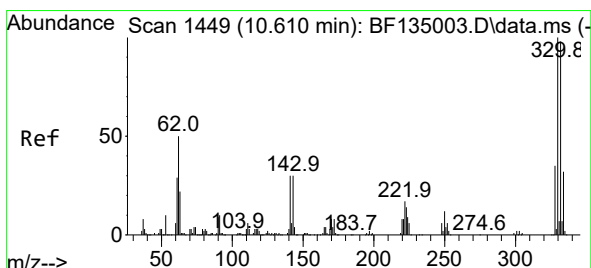
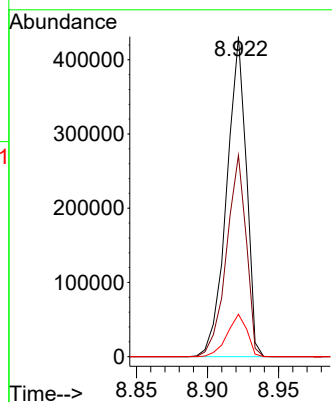
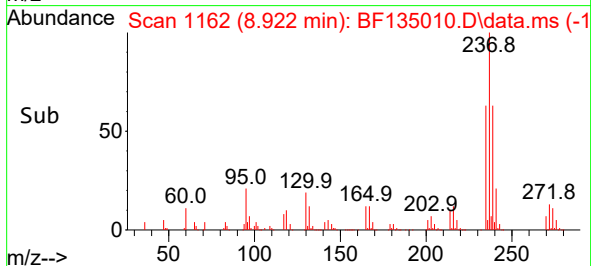
Instrument :
BNA_F
ClientSampleId :
PB155120BSD



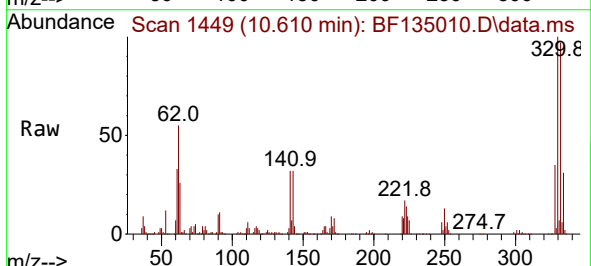
Tgt Ion: 237 Resp: 415023
Ion Ratio Lower Upper
237 100
235 62.9 40.9 80.9
272 13.2 0.0 33.9

Manual Integrations
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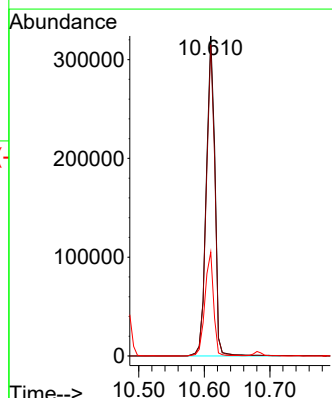
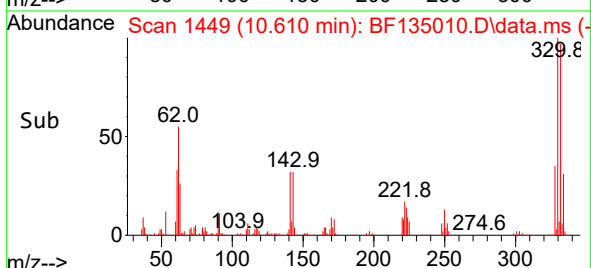
Reviewed By : Yogesh Patel 08/31/2023
Supervised By : mohammad ahmed 08/31/2023

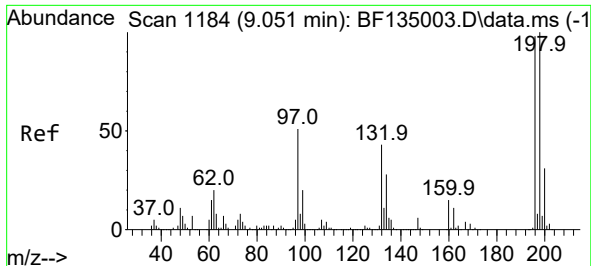


#42
2,4,6-Tribromophenol
Concen: 87.897 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53



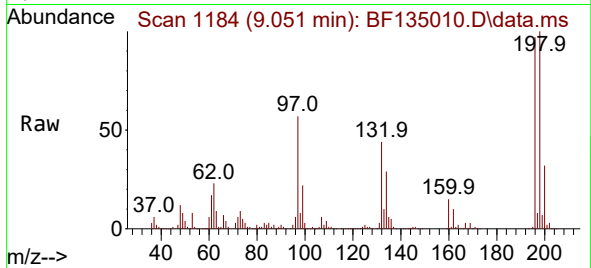
Tgt Ion: 330 Resp: 296514
Ion Ratio Lower Upper
330 100
332 95.7 77.6 116.4
141 32.8 26.3 39.5





#43
2,4,6-Trichlorophenol
Concen: 47.458 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

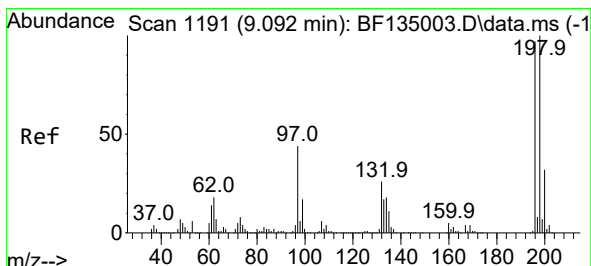
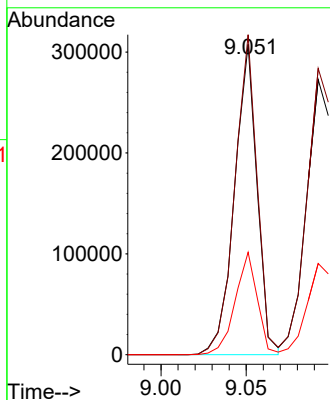
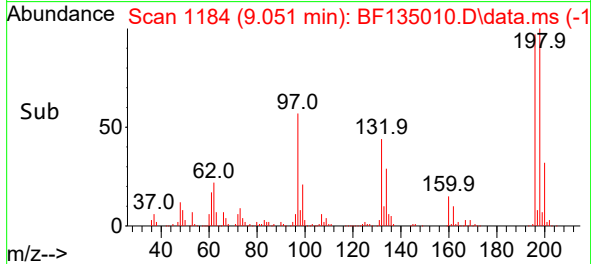
Instrument :
BNA_F
ClientSampleId :
PB155120BSD



Tgt Ion:196 Resp: 283730
Ion Ratio Lower Upper
196 100
198 103.1 81.8 122.6
200 33.0 25.7 38.5

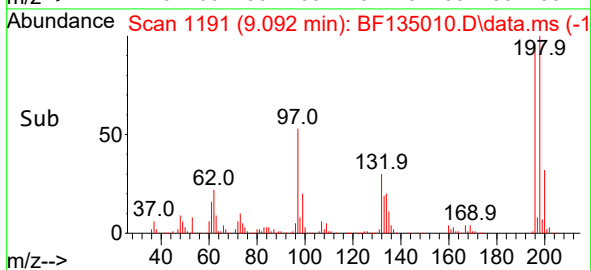
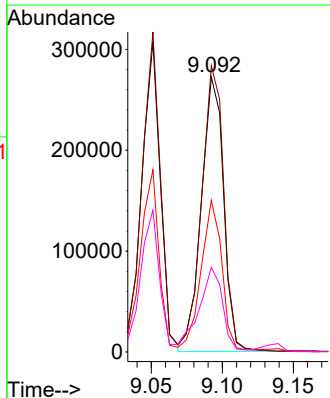
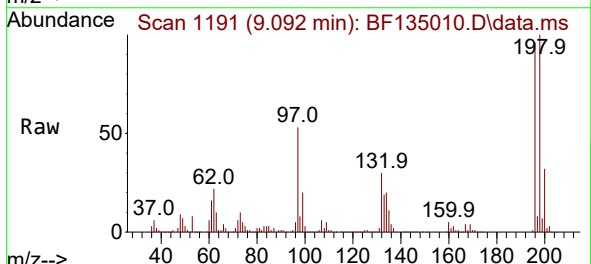
Manual Integrations
APPROVED

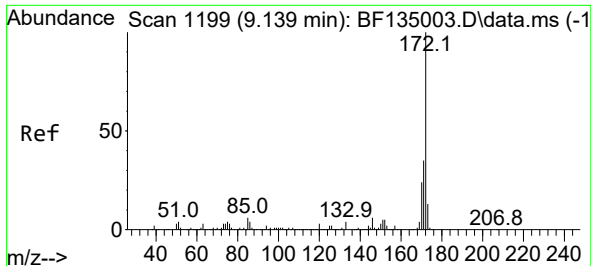
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023



#44
2,4,5-Trichlorophenol
Concen: 42.987 ng
RT: 9.092 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Tgt Ion:196 Resp: 297544
Ion Ratio Lower Upper
196 100
198 104.1 82.8 124.2
97 55.1 36.5 54.7#
132 30.8 21.7 32.5





#45
2-Fluorobiphenyl
Concen: 84.661 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Instrument :

BNA_F

ClientSampleId :

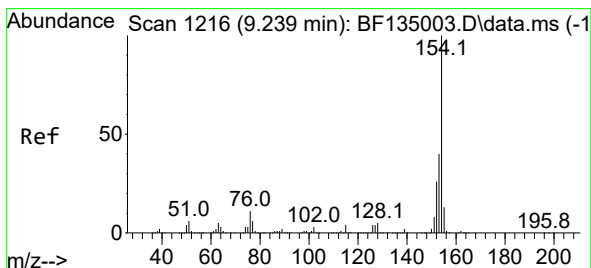
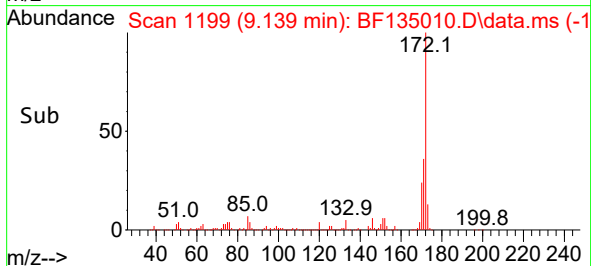
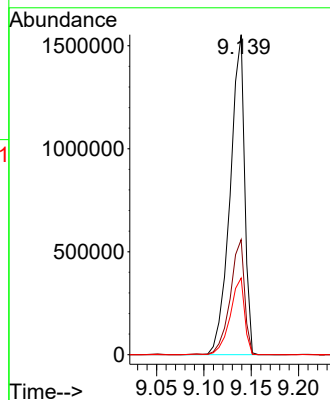
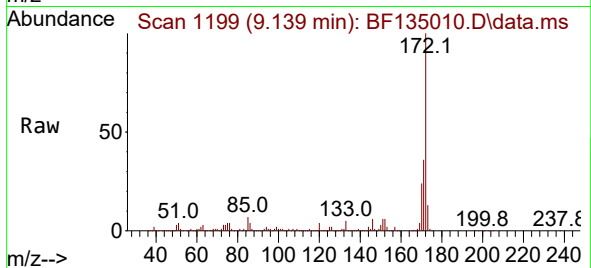
PB155120BSD

Tgt Ion:172 Resp: 165365
Ion Ratio Lower Upper
172 100
171 36.0 28.2 42.2
170 23.9 19.0 28.4

Manual Integrations

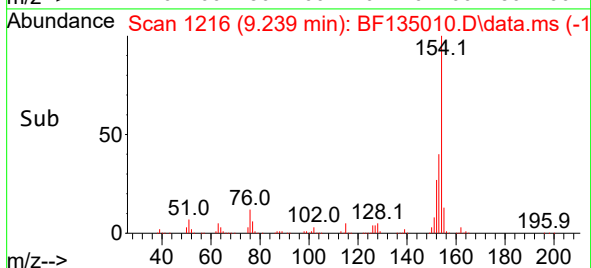
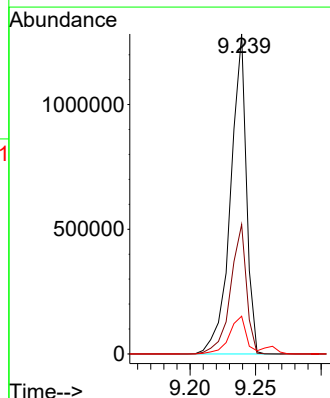
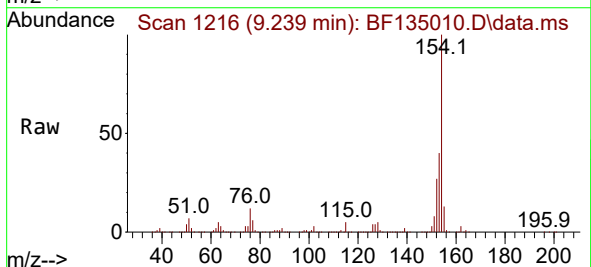
APPROVED

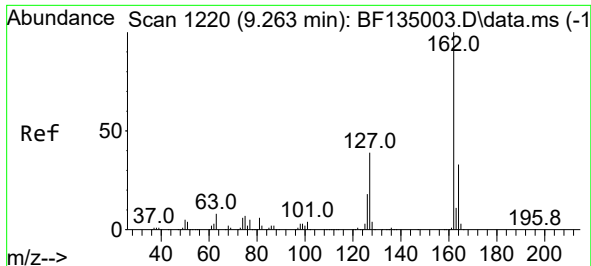
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023



#46
1,1'-Biphenyl
Concen: 44.354 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

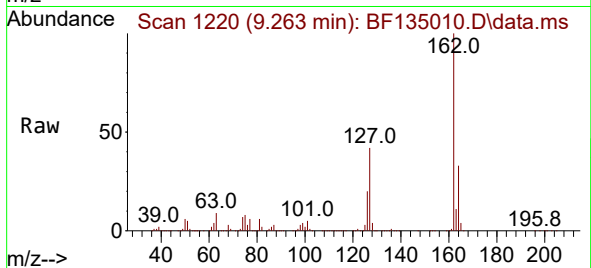
Tgt Ion:154 Resp: 1077647
Ion Ratio Lower Upper
154 100
153 40.5 20.2 60.2
76 11.8 0.0 31.2





#47
2-Chloronaphthalene
Concen: 45.552 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

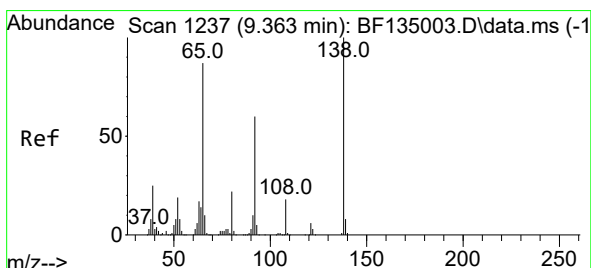
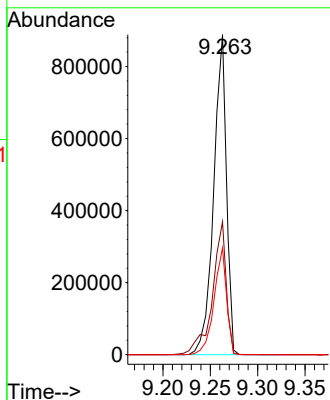
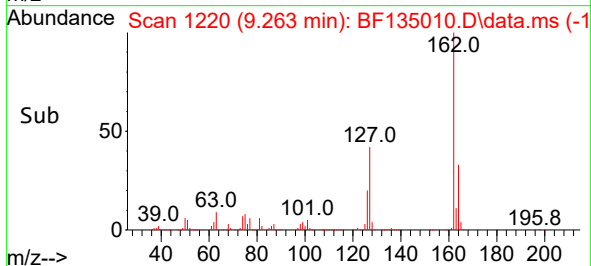
Instrument :
BNA_F
ClientSampleId :
PB155120BSD



Tgt Ion:162 Resp: 832279
Ion Ratio Lower Upper
162 100
127 41.5 31.8 47.6
164 33.3 26.6 39.8

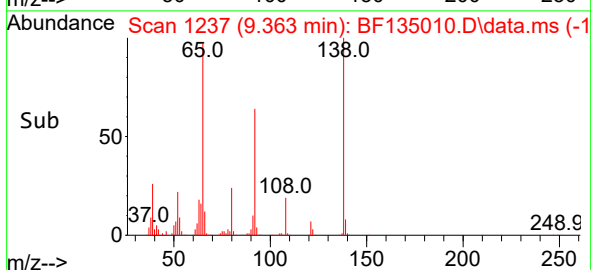
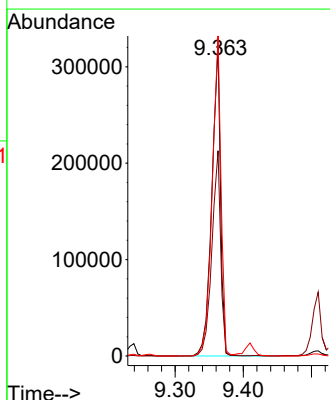
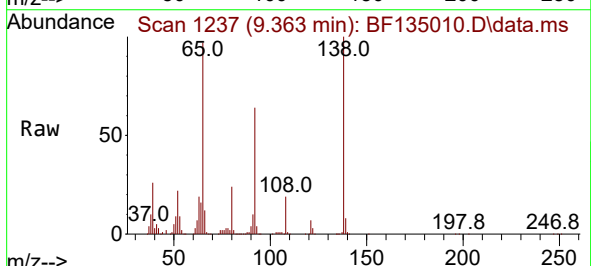
Manual Integrations
APPROVED

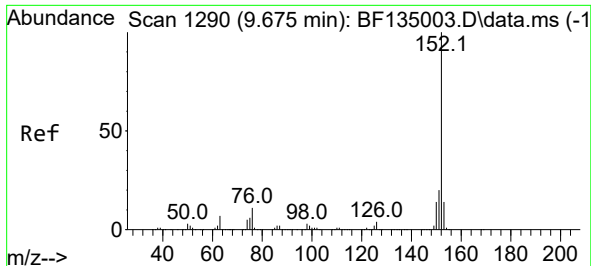
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023



#48
2-Nitroaniline
Concen: 45.903 ng
RT: 9.363 min Scan# 1237
Delta R.T. 0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

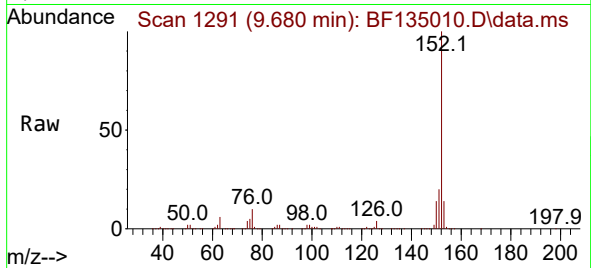
Tgt Ion: 65 Resp: 287101
Ion Ratio Lower Upper
65 100
92 66.3 54.9 82.3
138 103.3 91.6 137.4





#49
Acenaphthylene
Concen: 45.976 ng
RT: 9.680 min Scan# 1290
Delta R.T. 0.006 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

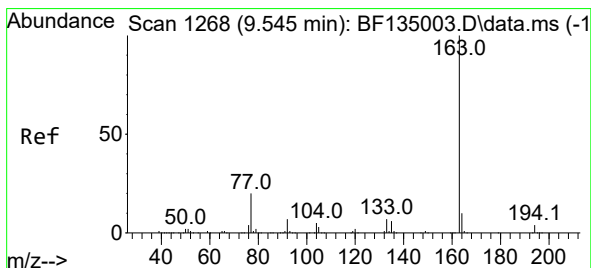
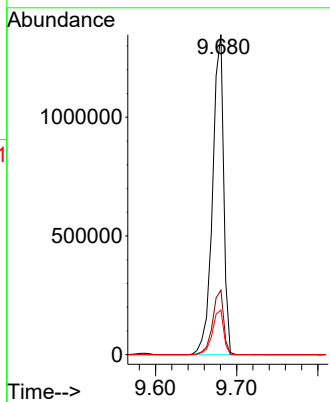
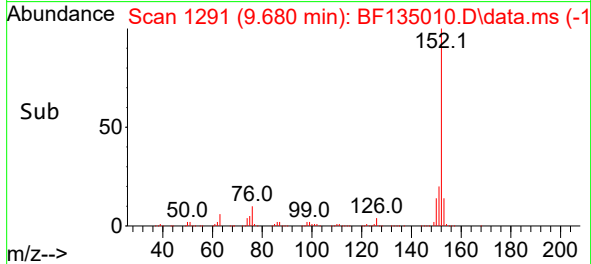
Instrument :
BNA_F
ClientSampleId :
PB155120BSD



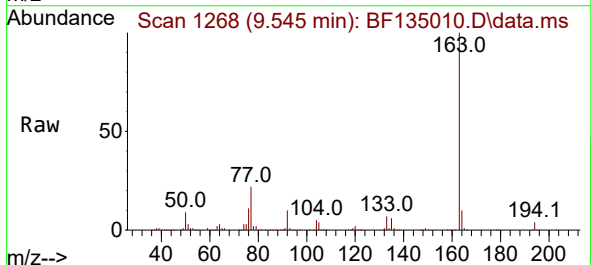
Tgt Ion:152 Resp: 126982
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 14.0 11.4 17.0

Manual Integrations
APPROVED

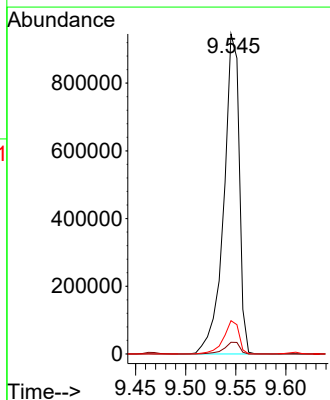
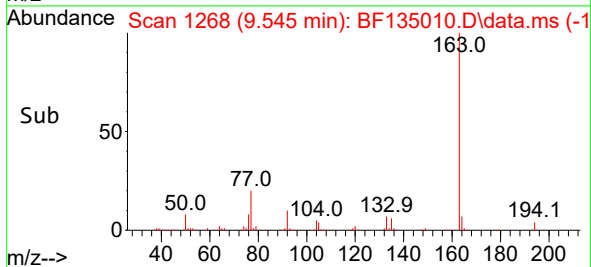
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023

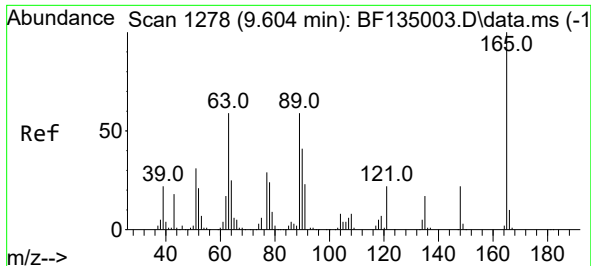


#50
Dimethylphthalate
Concen: 45.396 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53



Tgt Ion:163 Resp: 1010858
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 10.4 8.1 12.1





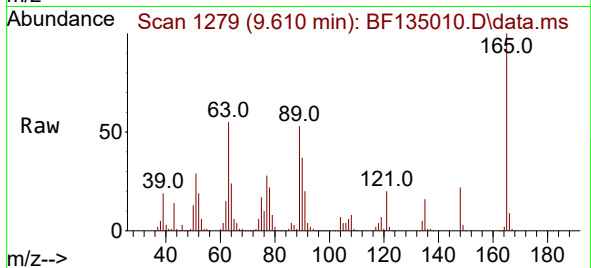
#51
2,6-Dinitrotoluene
Concen: 46.938 ng
RT: 9.610 min Scan# 1279
Delta R.T. 0.006 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Instrument :

BNA_F

ClientSampleId :

PB155120BSD

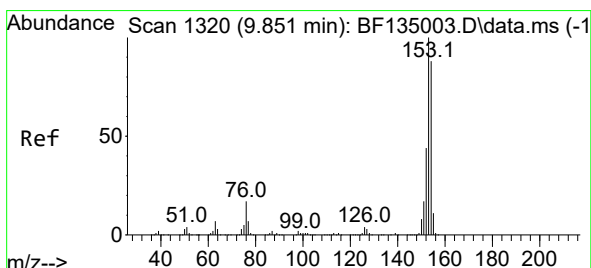
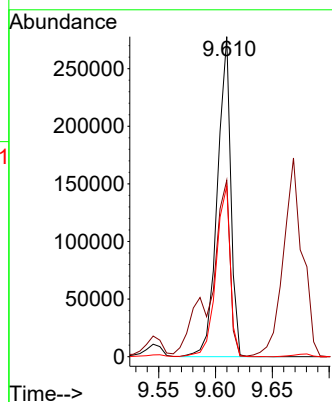
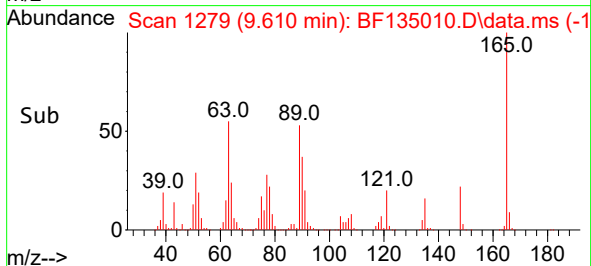


Tgt Ion:165 Resp: 22934
Ion Ratio Lower Upper
165 100
63 55.1 50.4 75.6
89 53.4 47.1 70.7

Manual Integrations

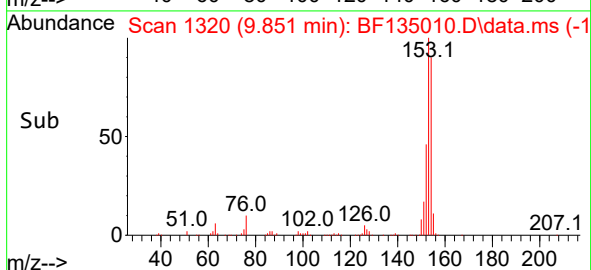
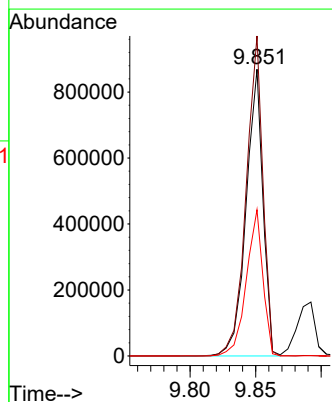
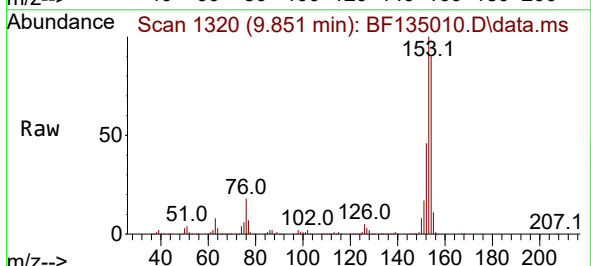
APPROVED

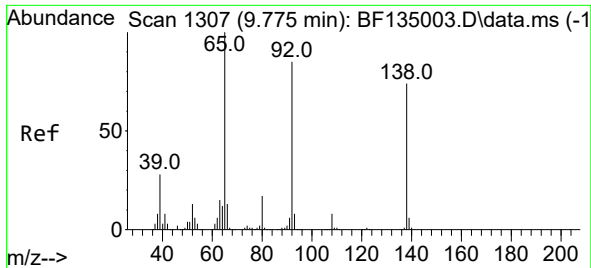
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023



#52
Acenaphthene
Concen: 44.285 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Tgt Ion:154 Resp: 779457
Ion Ratio Lower Upper
154 100
153 111.6 90.8 136.2
152 51.0 40.2 60.4





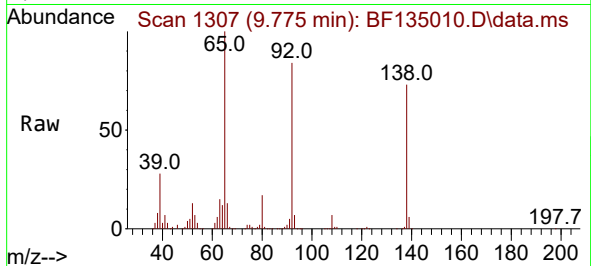
#53
3-Nitroaniline
Concen: 33.747 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Instrument :

BNA_F

ClientSampleId :

PB155120BSD



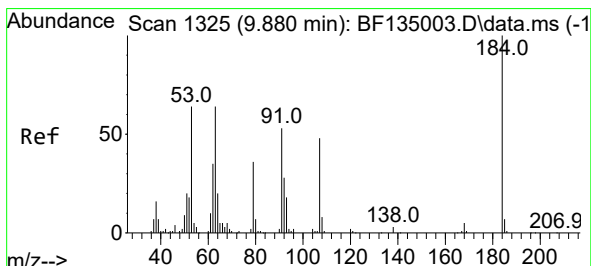
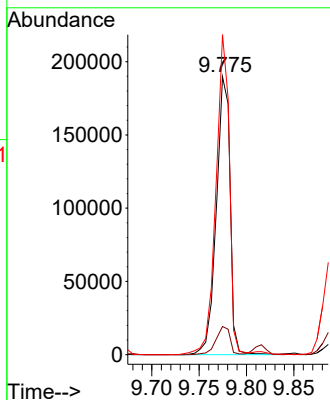
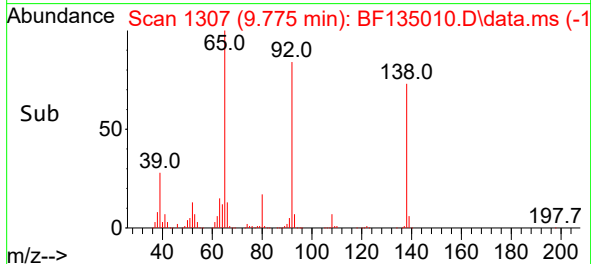
Tgt Ion:138 Resp: 192070
Ion Ratio Lower Upper
138 100
108 10.2 8.6 13.0
92 115.1 92.2 138.4

Manual Integrations

APPROVED

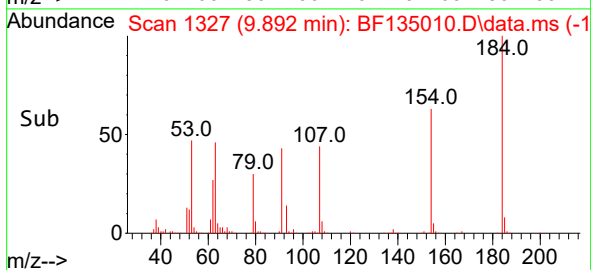
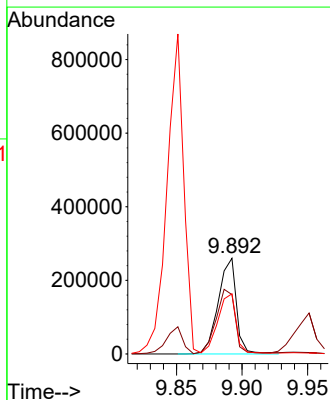
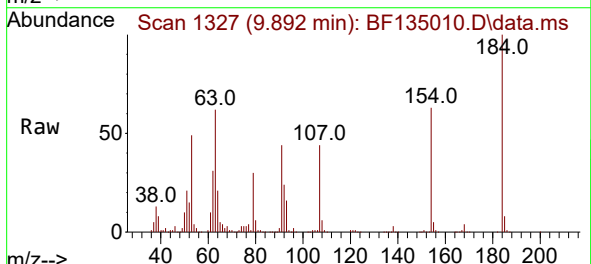
Reviewed By :Yogesh Patel 08/31/2023

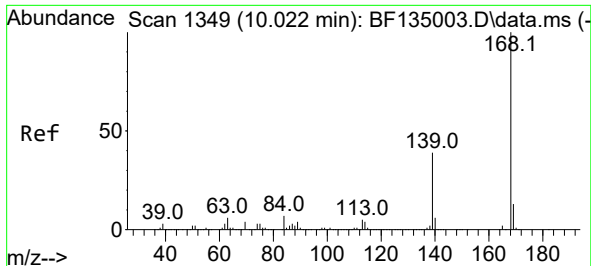
Supervised By :mohammad ahmed 08/31/2023



#54
2,4-Dinitrophenol
Concen: 107.691 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.012 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

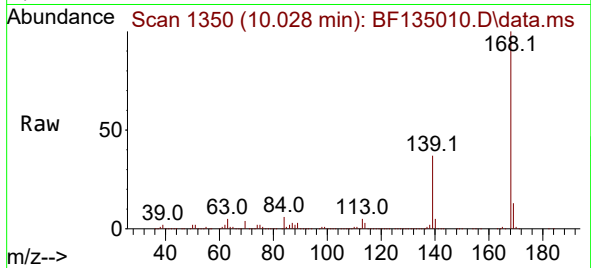
Tgt Ion:184 Resp: 251478
Ion Ratio Lower Upper
184 100
63 62.1 62.2 93.2#
154 62.8 52.3 78.5





#55
Dibenzofuran
Concen: 43.312 ng
RT: 10.028 min Scan# 11
Delta R.T. 0.005 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

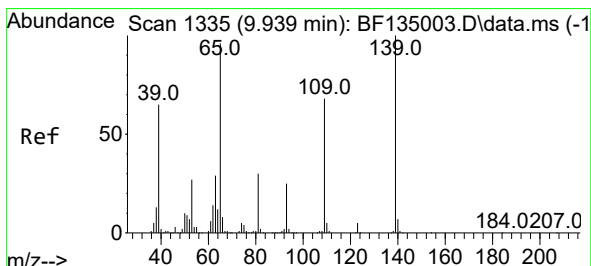
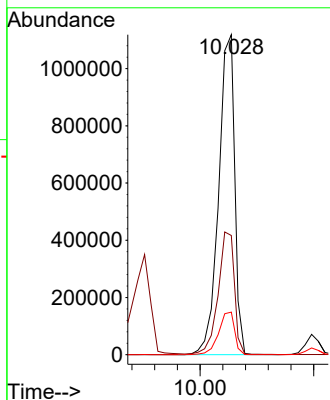
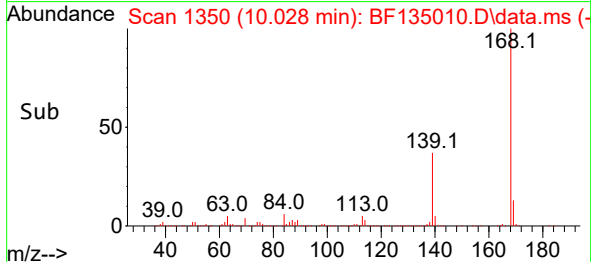
Instrument :
BNA_F
ClientSampleId :
PB155120BSD



Tgt Ion:168 Resp: 109970
Ion Ratio Lower Upper
168 100
139 37.3 31.5 47.3
169 13.3 10.7 16.1

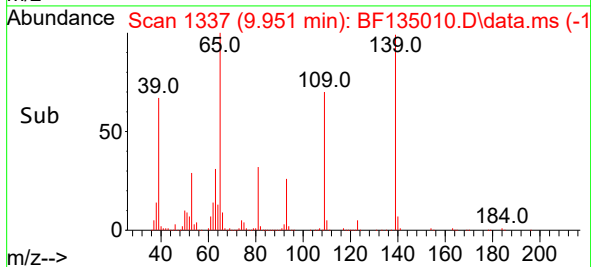
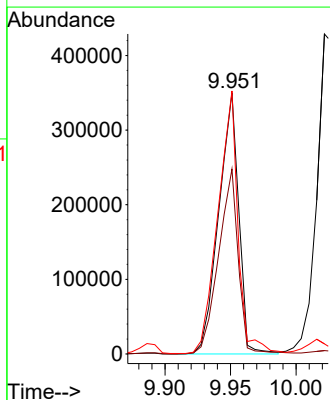
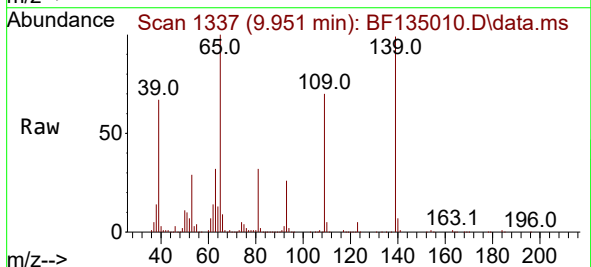
Manual Integrations
APPROVED

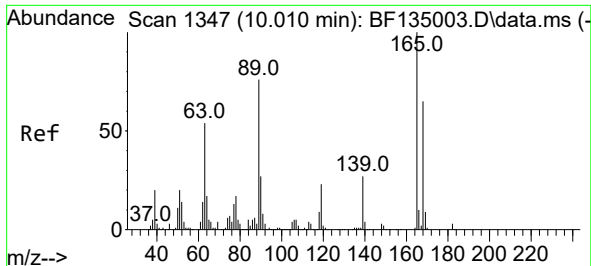
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023



#56
4-Nitrophenol
Concen: 92.753 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.012 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

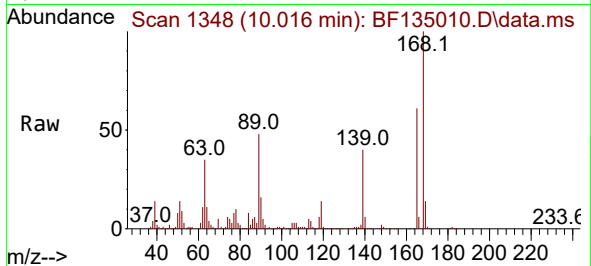
Tgt Ion:139 Resp: 371092
Ion Ratio Lower Upper
139 100
109 70.8 47.7 87.7
65 100.7 75.9 115.9





#57
2,4-Dinitrotoluene
Concen: 46.374 ng
RT: 10.016 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

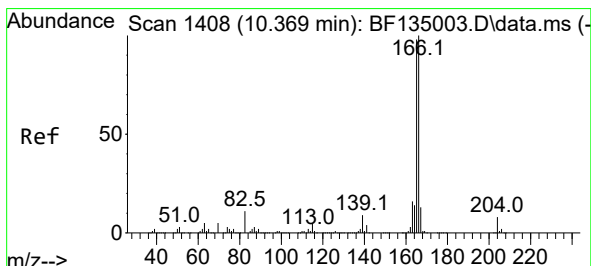
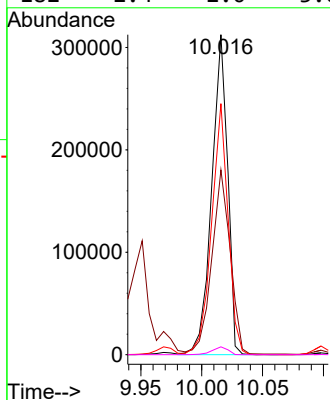
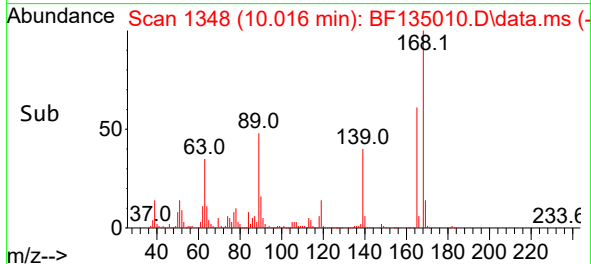
Instrument :
BNA_F
ClientSampleId :
PB155120BSD



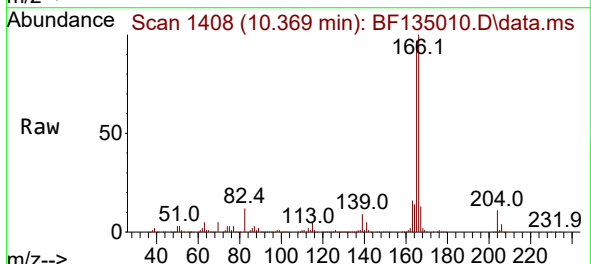
Tgt Ion:165 Resp: 282374
Ion Ratio Lower Upper
165 100
63 57.8 43.2 64.8
89 78.5 60.8 91.2
182 2.4 2.0 3.0

Manual Integrations
APPROVED

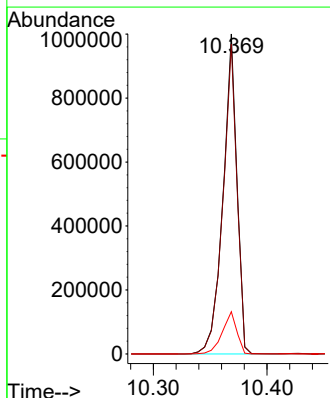
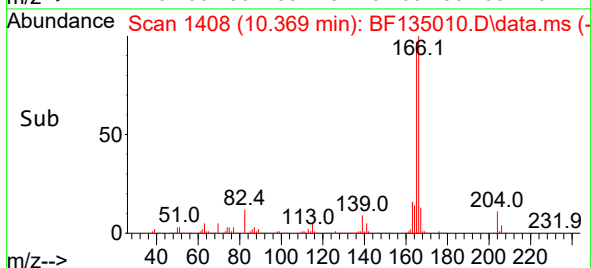
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023

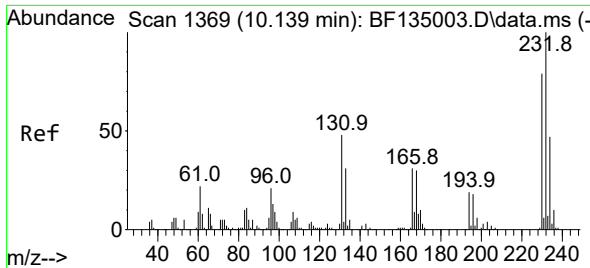


#58
Fluorene
Concen: 44.071 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53



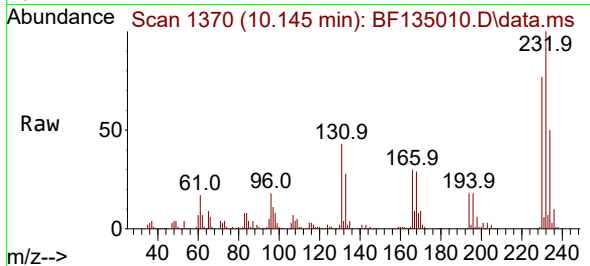
Tgt Ion:166 Resp: 853076
Ion Ratio Lower Upper
166 100
165 96.8 78.0 117.0
167 13.2 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.460 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.006 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

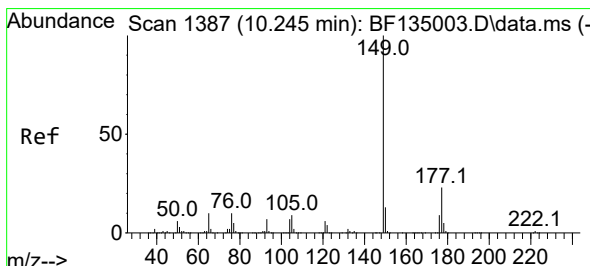
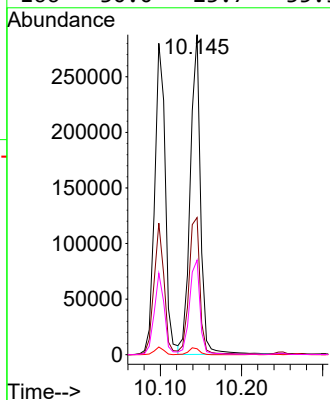
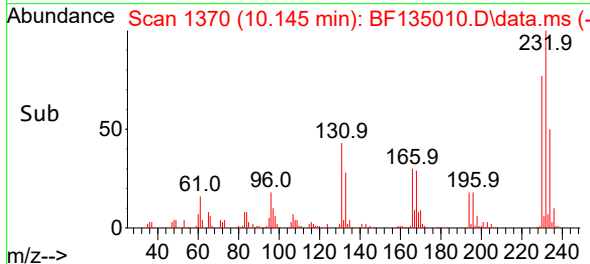
Instrument :
BNA_F
ClientSampleId :
PB155120BSD



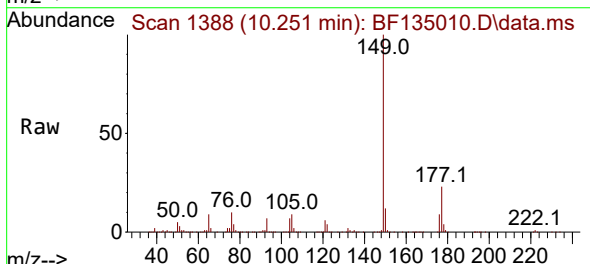
Tgt Ion:232 Resp: 252958
Ion Ratio Lower Upper
232 100
131 45.4 35.3 52.9
130 2.3 1.7 2.5
166 30.0 23.7 35.5

Manual Integrations
APPROVED

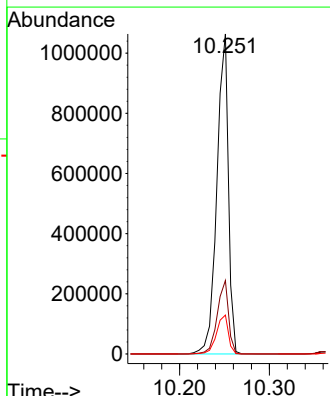
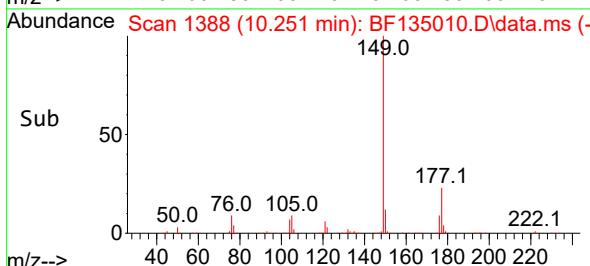
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023

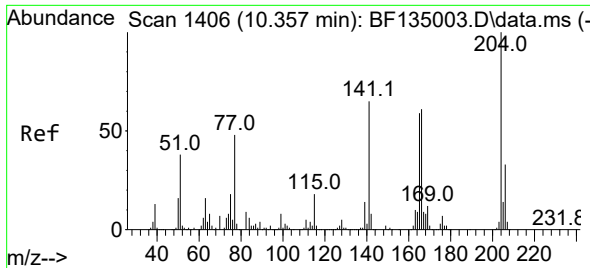


#60
Diethylphthalate
Concen: 45.141 ng
RT: 10.251 min Scan# 1388
Delta R.T. 0.006 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53



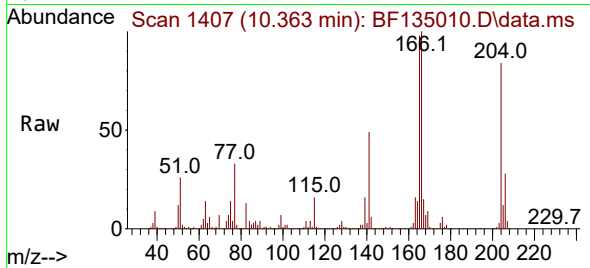
Tgt Ion:149 Resp: 946206
Ion Ratio Lower Upper
149 100
177 23.0 18.5 27.7
150 12.1 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 42.680 ng
RT: 10.363 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

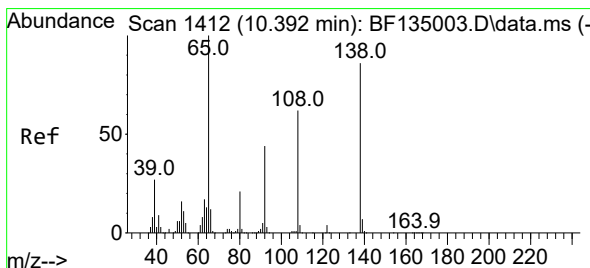
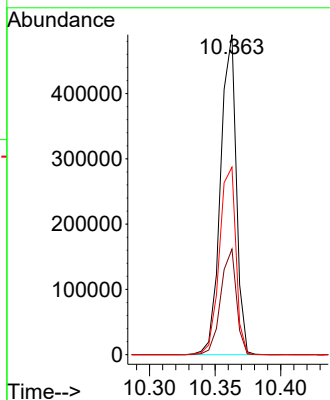
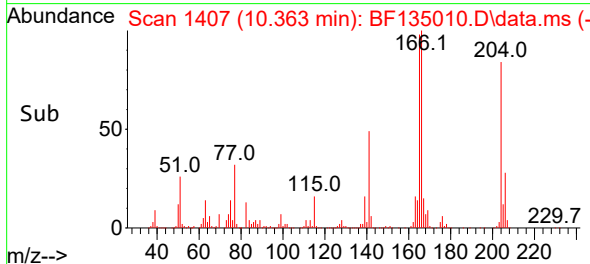
Instrument :
BNA_F
ClientSampleId :
PB155120BSD



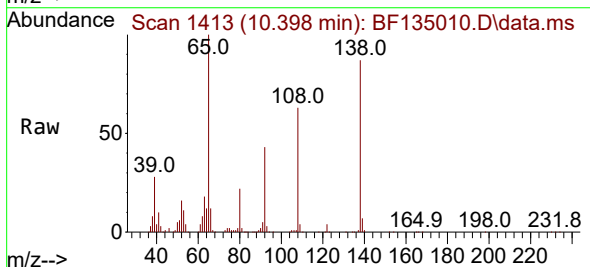
Tgt Ion:204 Resp: 40864
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 58.6 51.8 77.6

Manual Integrations
APPROVED

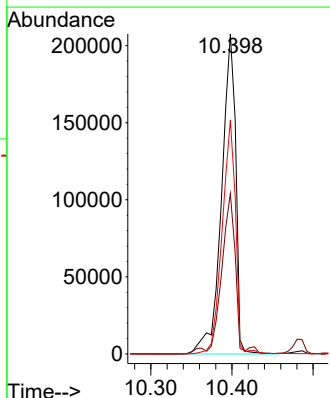
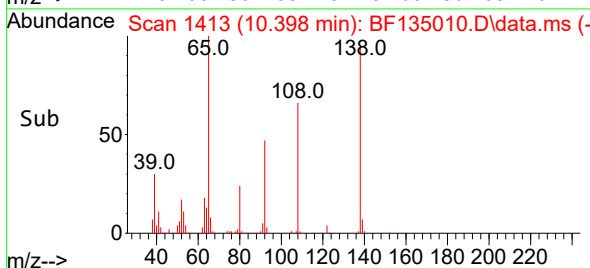
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023

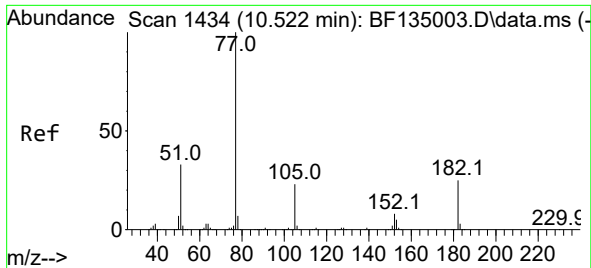


#62
4-Nitroaniline
Concen: 45.253 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53



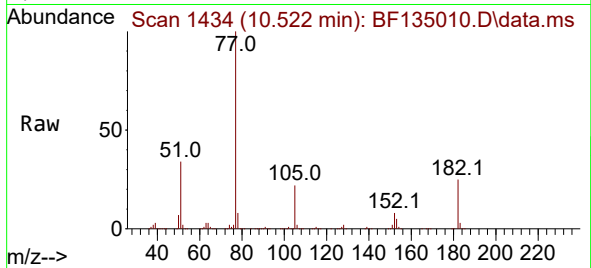
Tgt Ion:138 Resp: 252022
Ion Ratio Lower Upper
138 100
92 50.2 30.7 70.7
108 73.1 51.7 91.7





#63
Azobenzene
Concen: 45.185 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

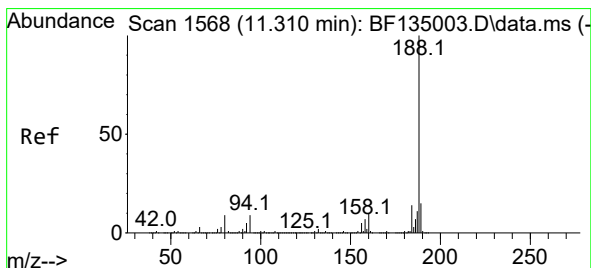
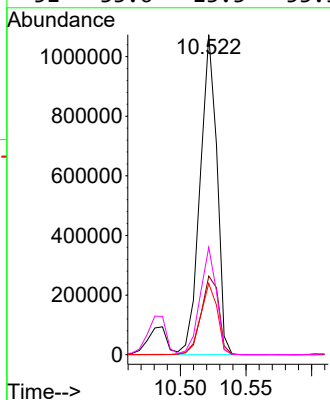
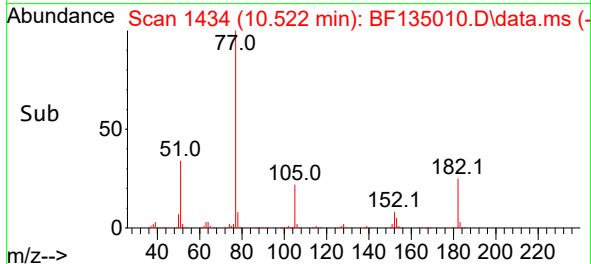
Instrument :
BNA_F
ClientSampleId :
PB155120BSD



Tgt Ion: 77 Resp: 953670
Ion Ratio Lower Upper
77 100
182 24.6 4.9 44.9
105 22.2 2.7 42.7
51 33.6 13.3 53.3

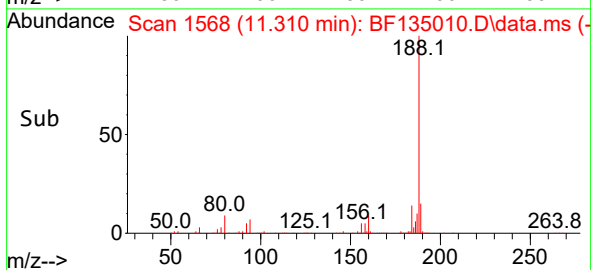
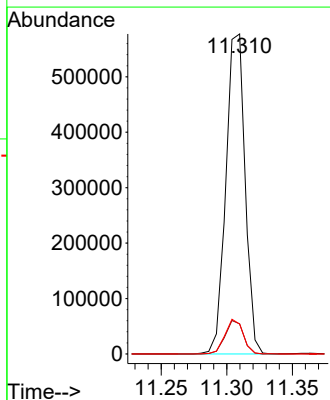
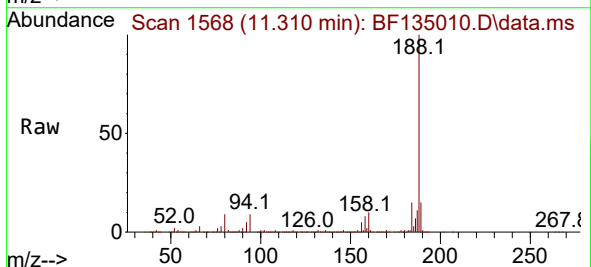
Manual Integrations
APPROVED

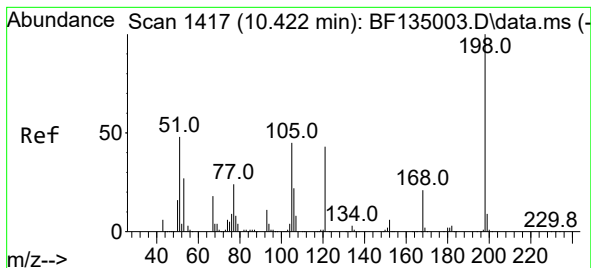
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

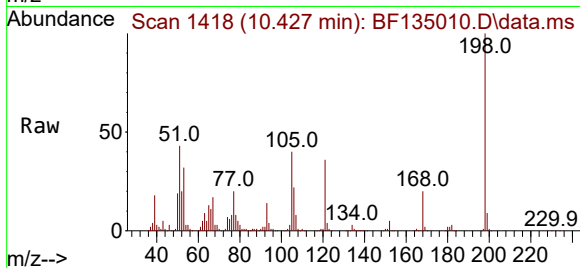
Tgt Ion:188 Resp: 588667
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.4
80 9.4 7.4 11.2





#65
4,6-Dinitro-2-methylphenol
Concen: 48.238 ng
RT: 10.427 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

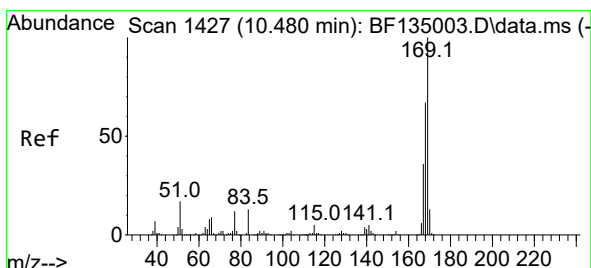
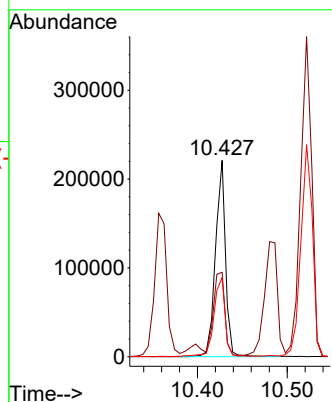
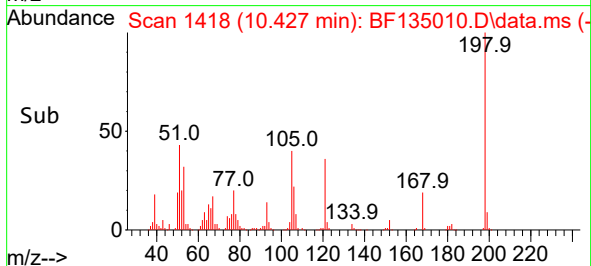
Instrument :
BNA_F
ClientSampleId :
PB155120BSD



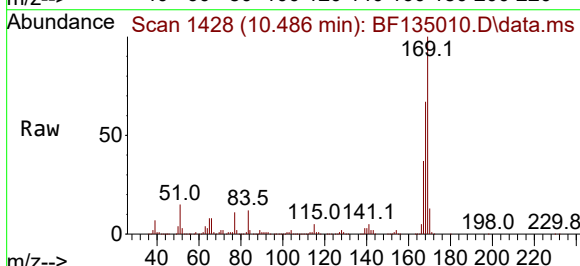
Tgt Ion:198 Resp: 171860
Ion Ratio Lower Upper
198 100
51 43.0 35.7 75.7
105 40.3 25.9 65.9

Manual Integrations
APPROVED

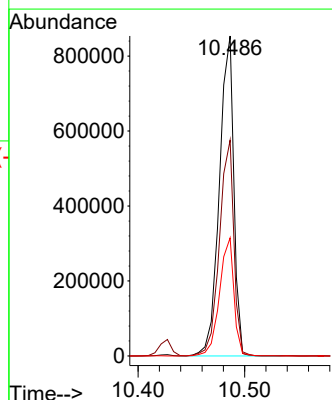
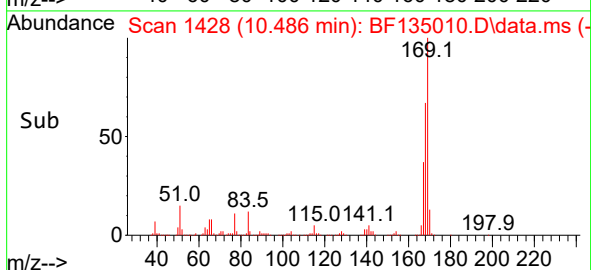
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023

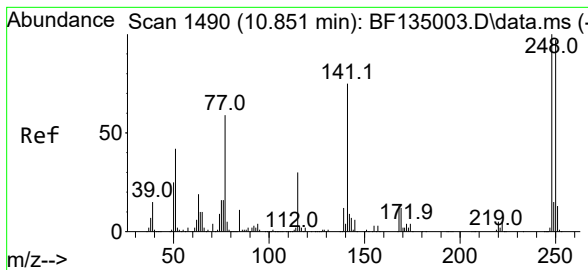


#66
n-Nitrosodiphenylamine
Concen: 43.662 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53



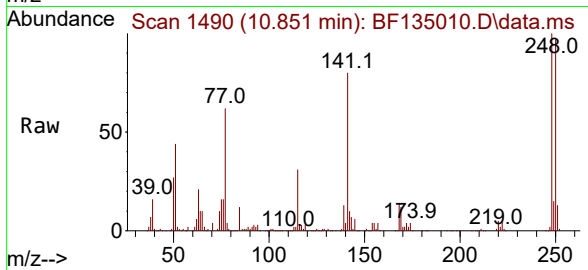
Tgt Ion:169 Resp: 799179
Ion Ratio Lower Upper
169 100
168 67.4 53.4 80.0
167 36.9 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 43.603 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

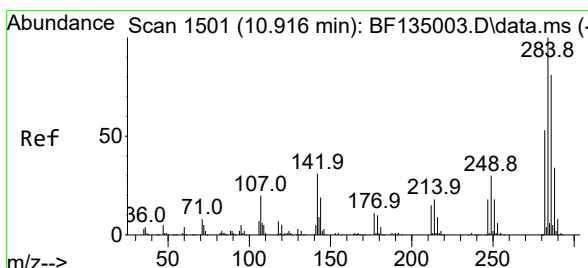
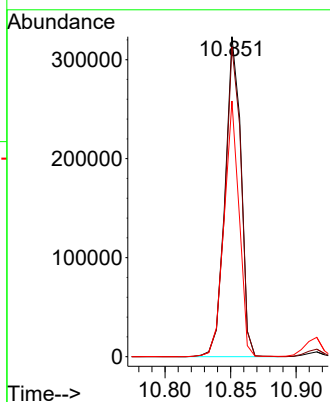
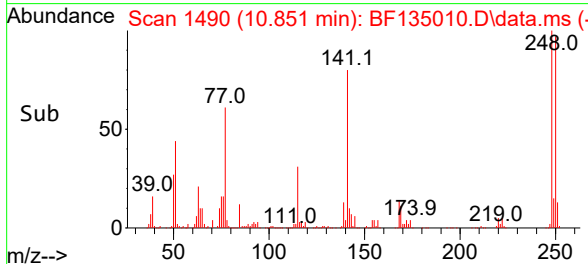
Instrument :
BNA_F
ClientSampleId :
PB155120BSD



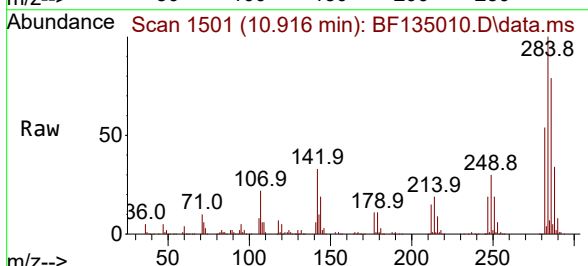
Tgt Ion:248 Resp: 272244
Ion Ratio Lower Upper
248 100
250 96.8 77.9 116.9
141 79.9 59.8 89.8

Manual Integrations
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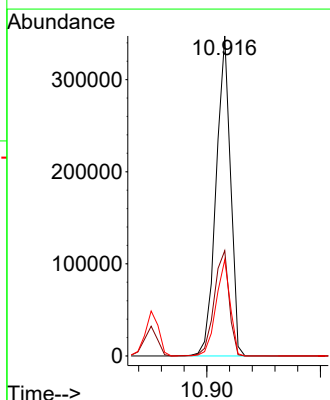
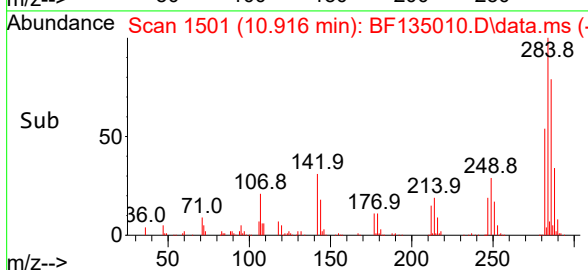
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023

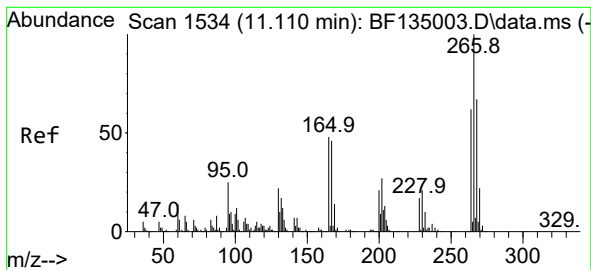


#68
Hexachlorobenzene
Concen: 47.499 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53



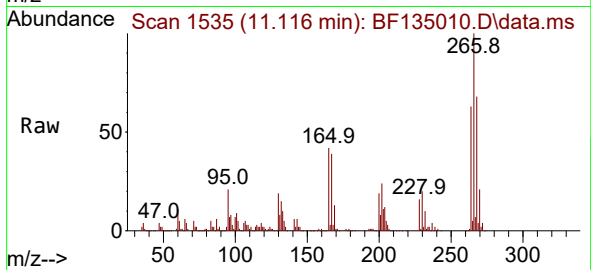
Tgt Ion:284 Resp: 306660
Ion Ratio Lower Upper
284 100
142 32.9 25.1 37.7
249 30.0 24.1 36.1





#70
Pentachlorophenol
Concen: 74.641 ng
RT: 11.116 min Scan# 1535
Delta R.T. 0.006 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

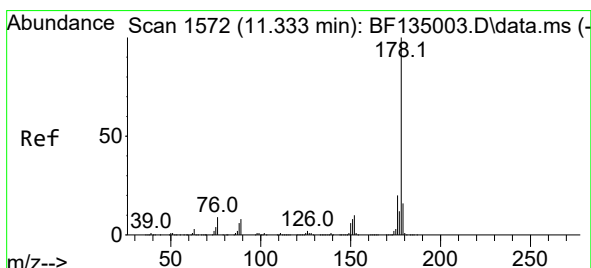
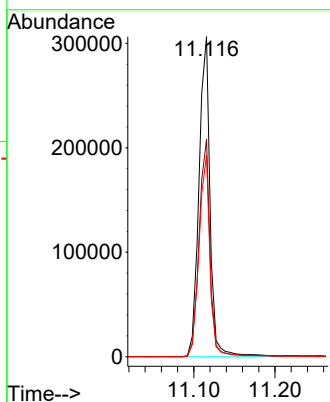
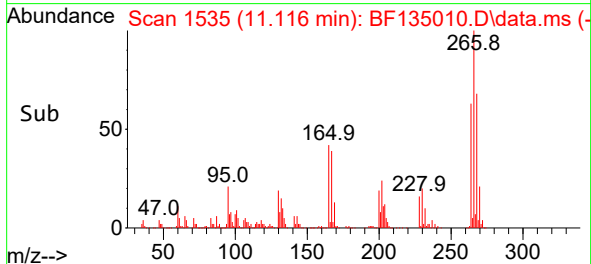
Instrument :
BNA_F
ClientSampleId :
PB155120BSD



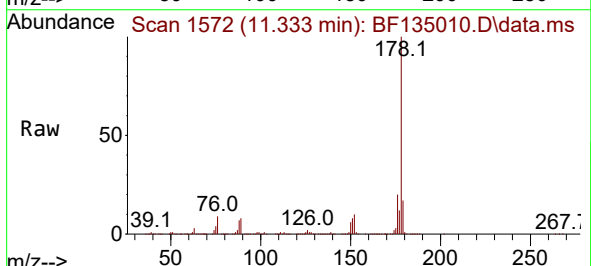
Tgt Ion:266 Resp: 291540
Ion Ratio Lower Upper
266 100
268 68.0 53.3 79.9
264 62.9 49.3 73.9

Manual Integrations
APPROVED

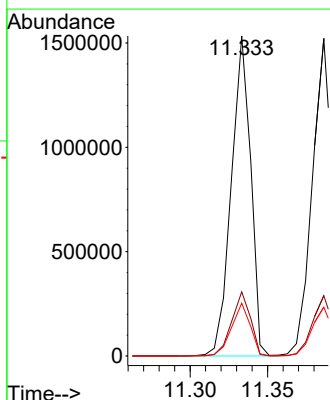
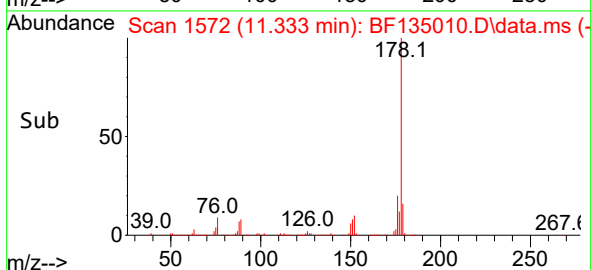
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023

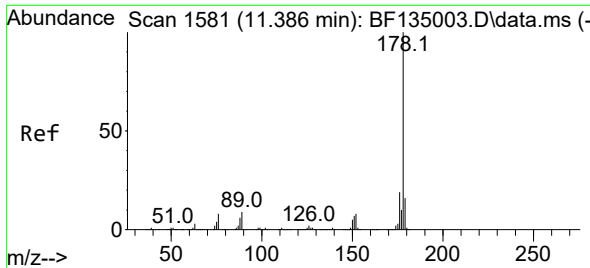


#71
Phenanthrene
Concen: 43.913 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53



Tgt Ion:178 Resp: 1333636
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 16.5 12.5 18.7





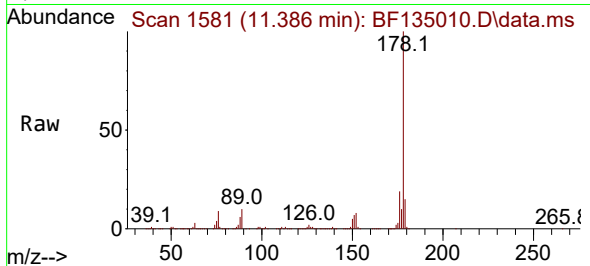
#72
 Anthracene
 Concen: 44.141 ng
 RT: 11.386 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF135010.D
 Acq: 30 Aug 2023 17:53

Instrument :

BNA_F

ClientSampleId :

PB155120BSD



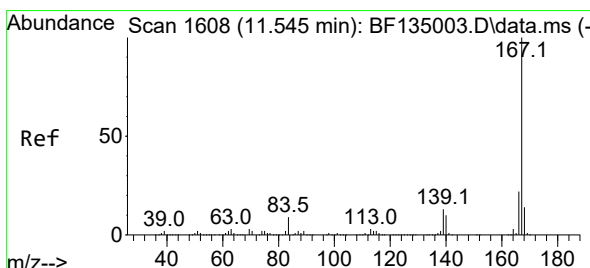
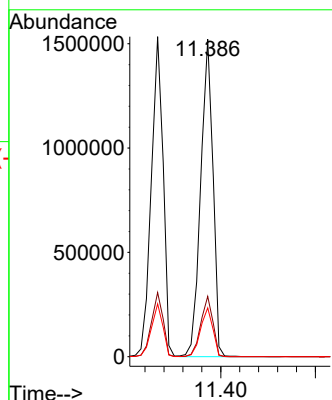
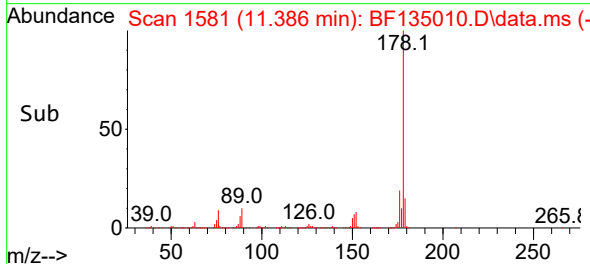
Tgt Ion:178 Resp: 1369640
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.4 12.8 19.2

Manual Integrations

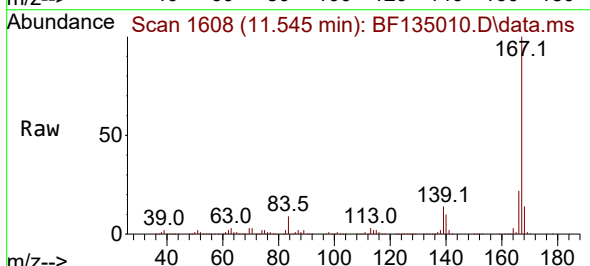
APPROVED

Reviewed By :Yogesh Patel 08/31/2023

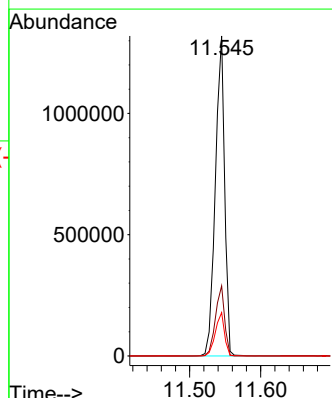
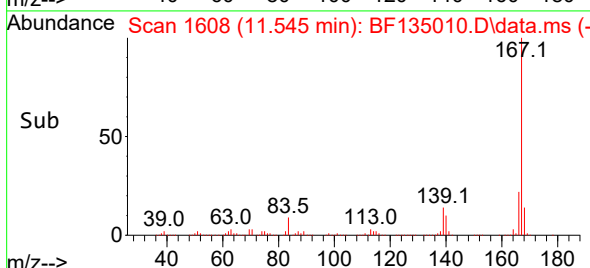
Supervised By :mohammad ahmed 08/31/2023

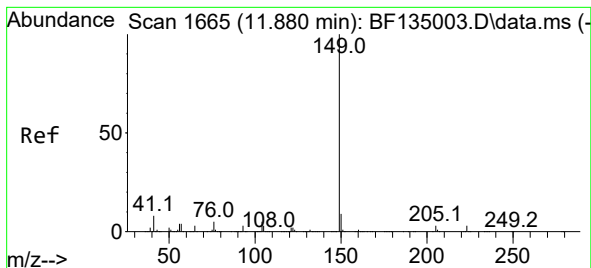


#73
 Carbazole
 Concen: 44.864 ng
 RT: 11.545 min Scan# 1608
 Delta R.T. -0.000 min
 Lab File: BF135010.D
 Acq: 30 Aug 2023 17:53



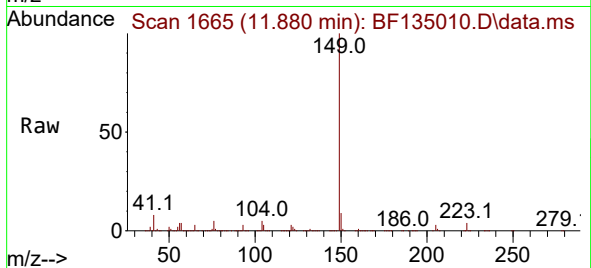
Tgt Ion:167 Resp: 1200681
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 13.5 10.3 15.5





#74
Di-n-butylphthalate
Concen: 45.552 ng
RT: 11.880 min Scan# 1665
Delta R.T. 0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

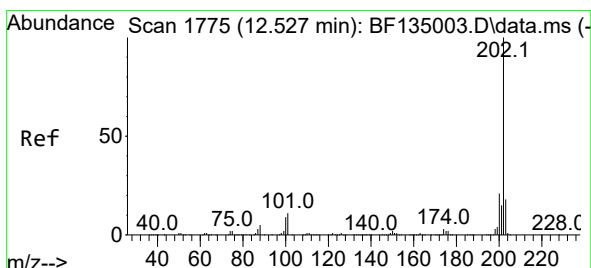
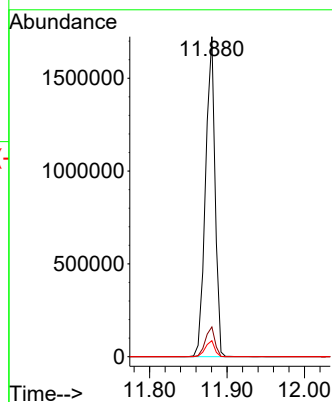
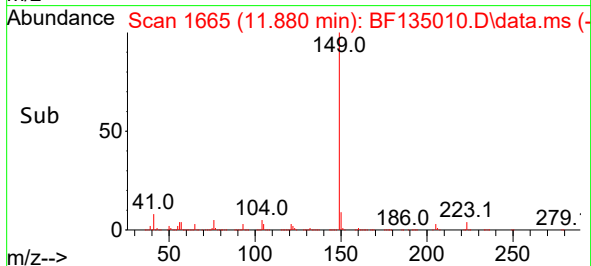
Instrument :
BNA_F
ClientSampleId :
PB155120BSD



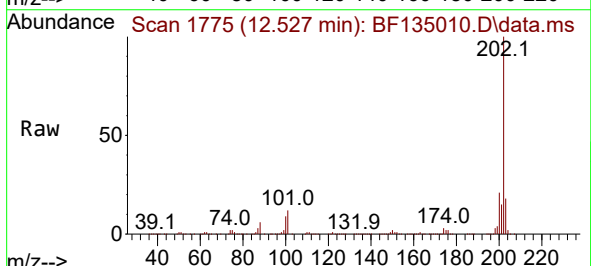
Tgt Ion:149 Resp: 1469579
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 5.0 4.0 6.0

Manual Integrations
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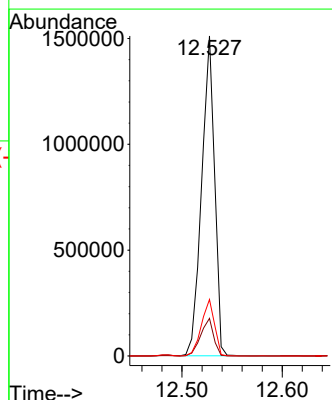
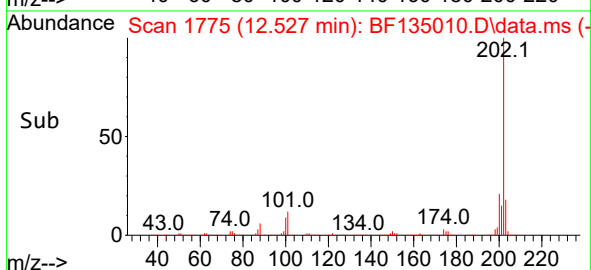
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023

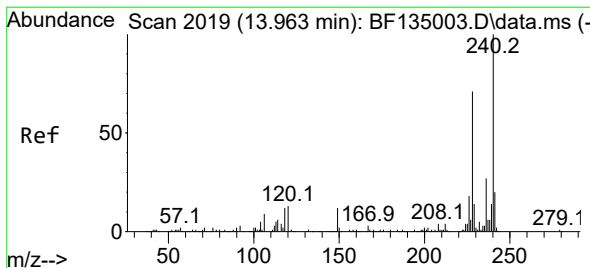


#75
Fluoranthene
Concen: 44.400 ng
RT: 12.527 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53



Tgt Ion:202 Resp: 1363324
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.5
203 17.7 0.0 37.8





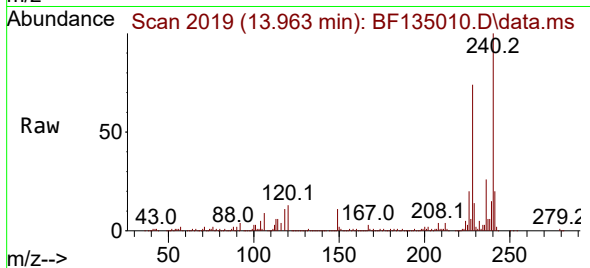
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Instrument :

BNA_F

ClientSampleId :

PB155120BSD

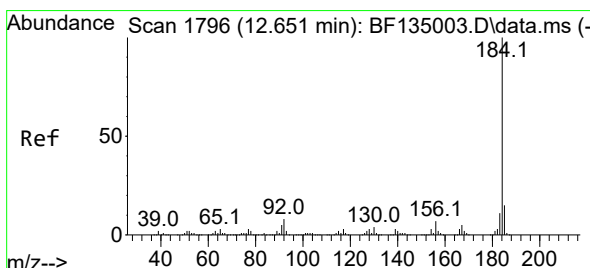
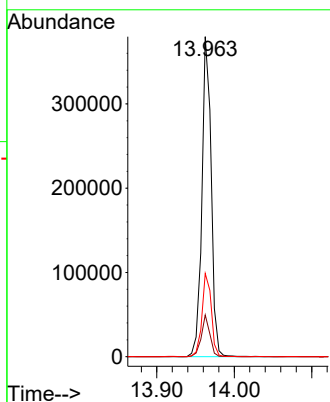
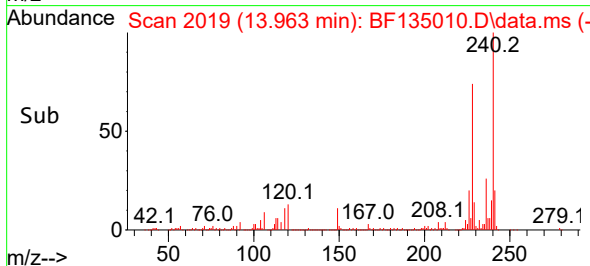


Tgt Ion:240 Resp: 31543
Ion Ratio Lower Upper
240 100
120 13.0 10.2 15.2
236 26.0 21.3 31.9

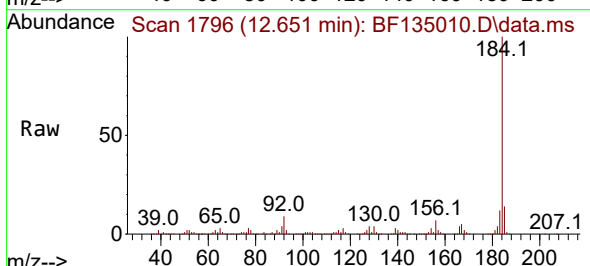
Manual Integrations

APPROVED

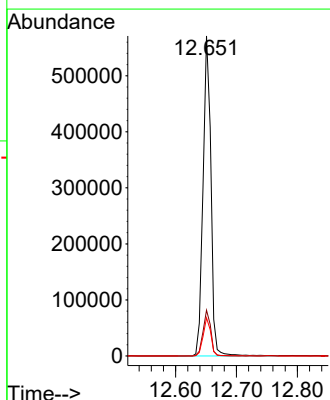
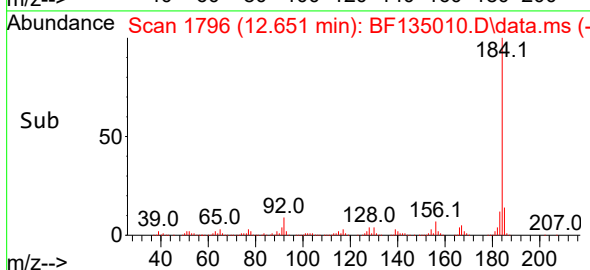
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023

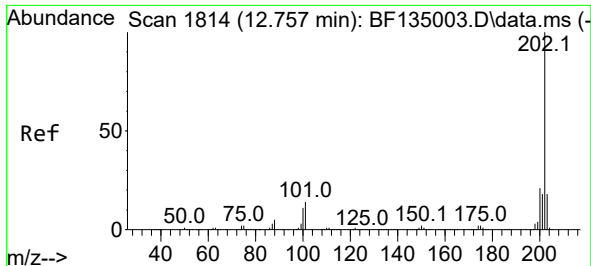


#77
Benzidine
Concen: 89.917 ng
RT: 12.651 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53



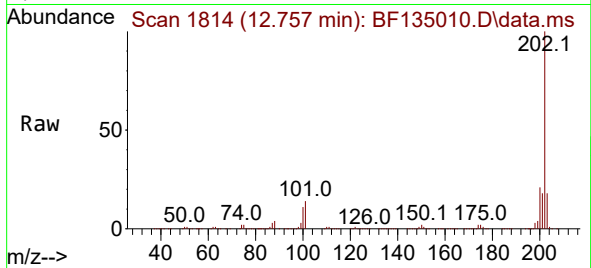
Tgt Ion:184 Resp: 511278
Ion Ratio Lower Upper
184 100
185 14.3 12.0 18.0
183 11.9 9.0 13.6





#78
Pyrene
Concen: 46.613 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

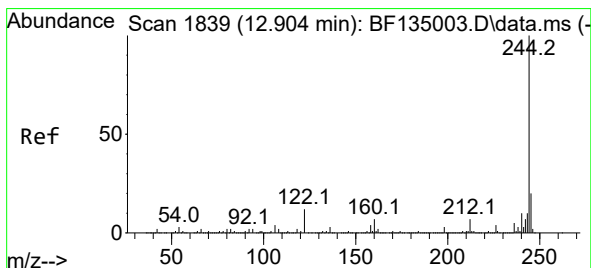
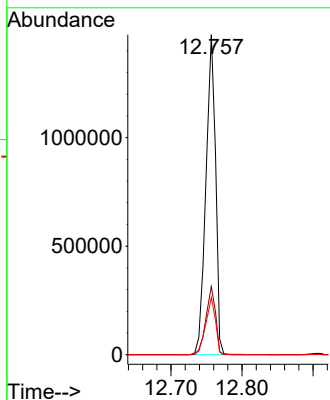
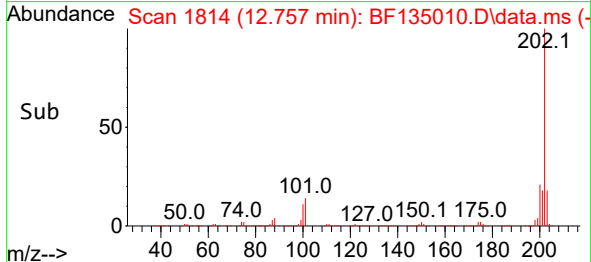
Instrument :
BNA_F
ClientSampleId :
PB155120BSD



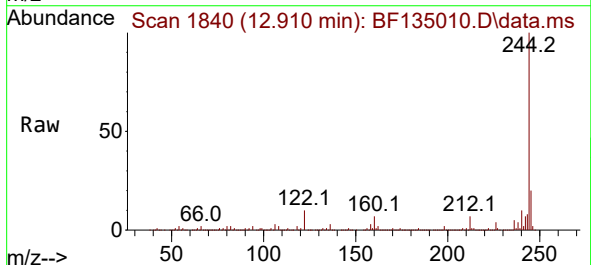
Tgt Ion:202 Resp: 1396018
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.6
203 17.9 14.2 21.2

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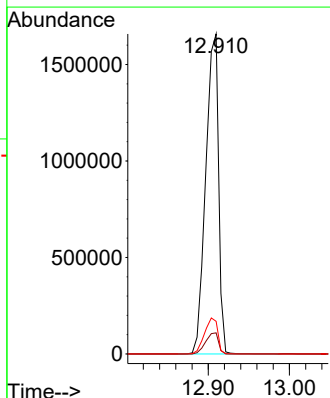
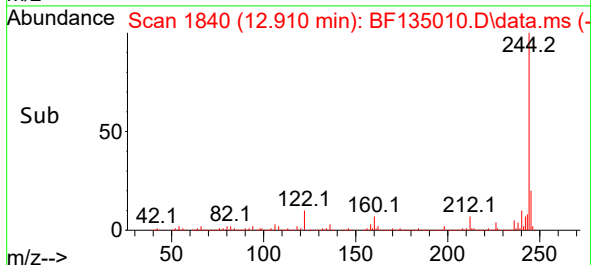
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023

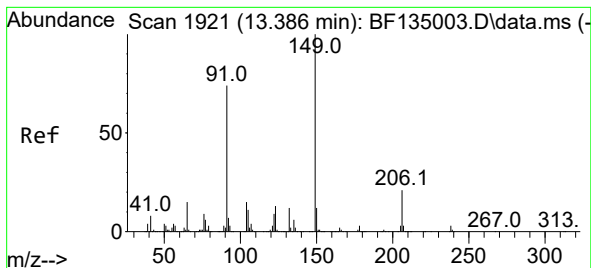


#79
Terphenyl-d14
Concen: 93.970 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.006 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53



Tgt Ion:244 Resp: 1816365
Ion Ratio Lower Upper
244 100
212 6.6 5.6 8.4
122 10.2 9.8 14.6





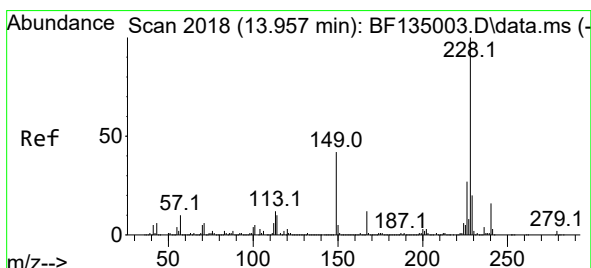
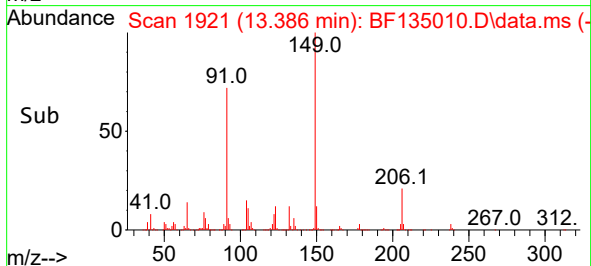
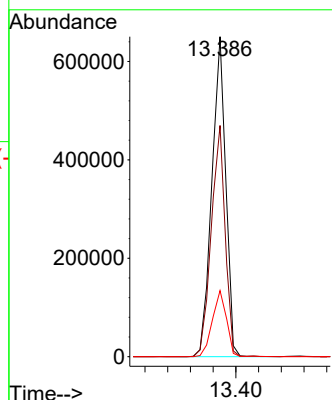
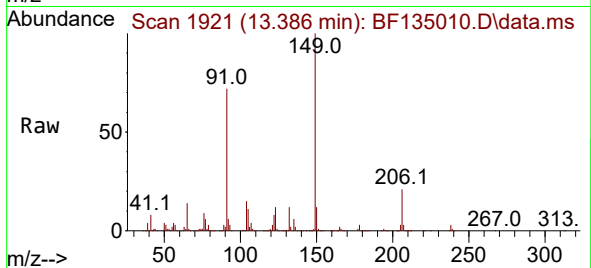
#80
Butylbenzylphthalate
Concen: 50.980 ng
RT: 13.386 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Instrument :
BNA_F
ClientSampleId :
PB155120BSD

Tgt Ion:149 Resp: 551574
Ion Ratio Lower Upper
149 100
91 72.3 59.0 88.6
206 20.7 16.7 25.1

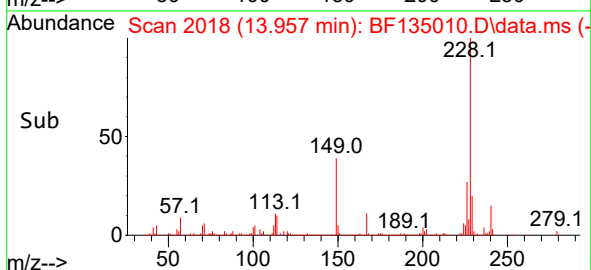
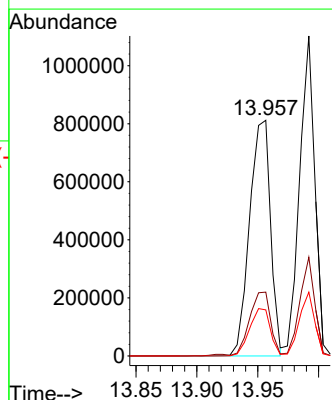
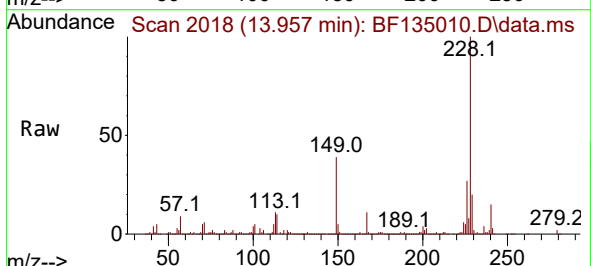
Manual Integrations
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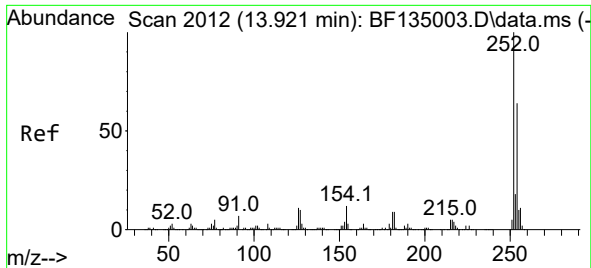
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023



#81
Benzo(a)anthracene
Concen: 45.185 ng
RT: 13.957 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

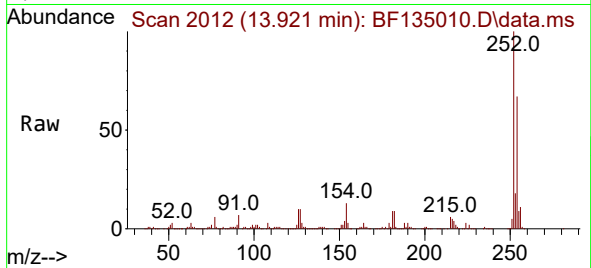
Tgt Ion:228 Resp: 972230
Ion Ratio Lower Upper
228 100
226 27.1 21.6 32.4
229 19.6 15.6 23.4





#82
3,3'-Dichlorobenzidine
Concen: 42.981 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

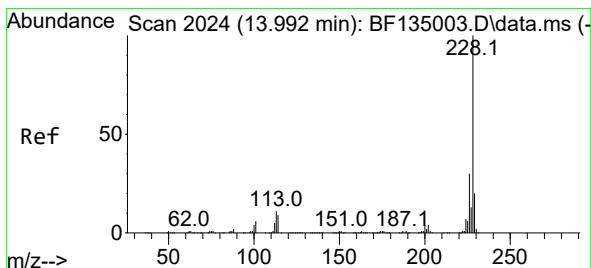
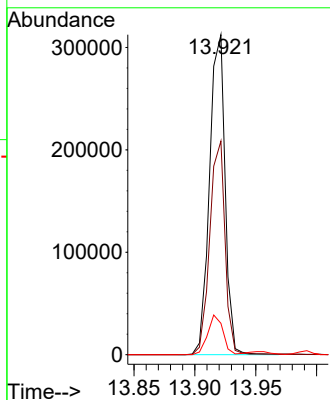
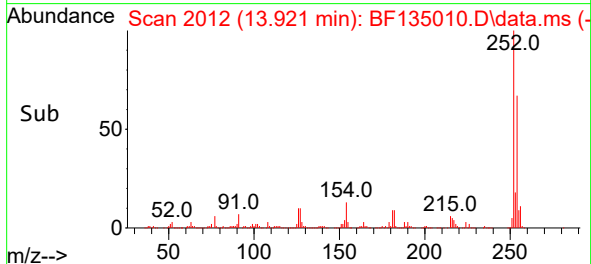
Instrument :
BNA_F
ClientSampleId :
PB155120BSD



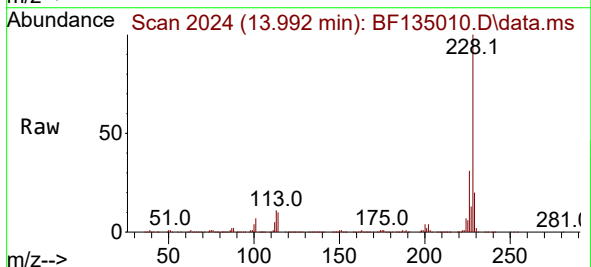
Tgt Ion:252 Resp: 279063
Ion Ratio Lower Upper
252 100
254 66.8 51.3 76.9
126 9.8 8.6 12.8

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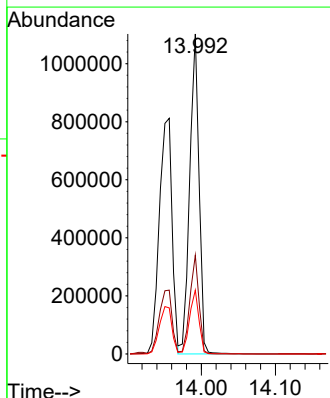
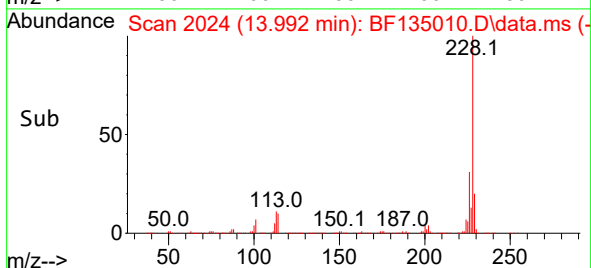
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023

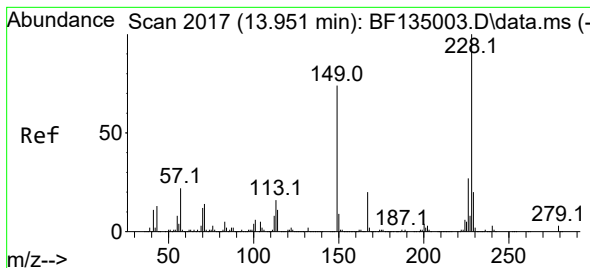


#83
Chrysene
Concen: 45.852 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53



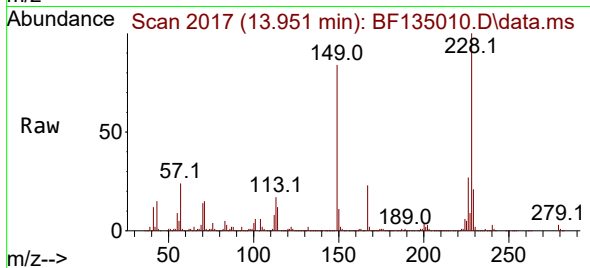
Tgt Ion:228 Resp: 969580
Ion Ratio Lower Upper
228 100
226 30.8 24.2 36.4
229 20.0 15.9 23.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 52.363 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

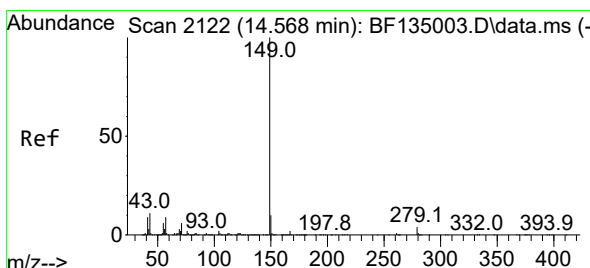
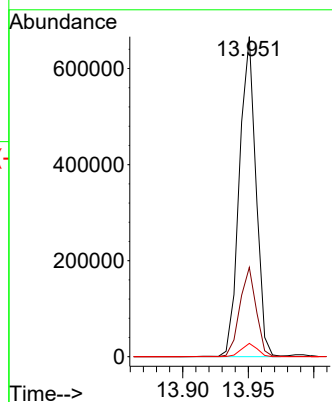
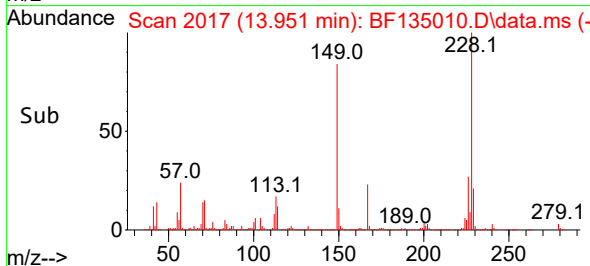
Instrument :
BNA_F
ClientSampleId :
PB155120BSD



Tgt Ion:149 Resp: 58630
Ion Ratio Lower Upper
149 100
167 27.9 21.4 32.0
279 4.2 3.0 4.6

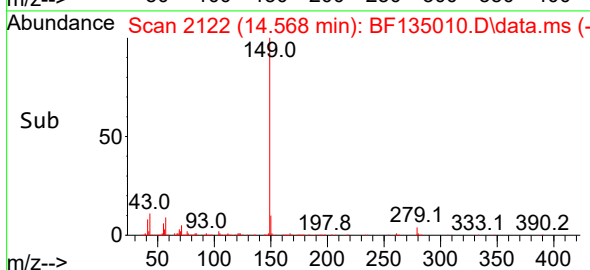
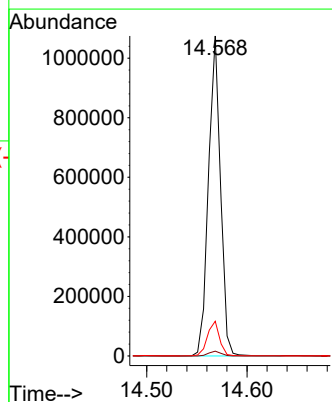
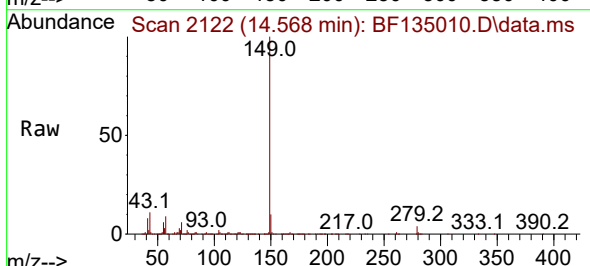
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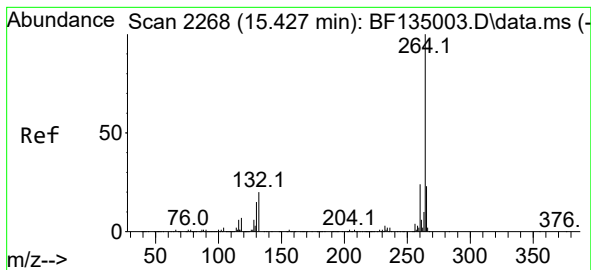
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023



#85
Di-n-octyl phthalate
Concen: 52.380 ng
RT: 14.568 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

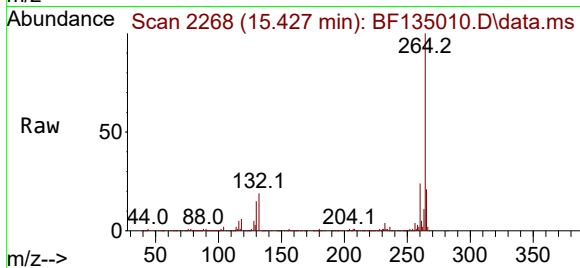
Tgt Ion:149 Resp: 895189
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.0 9.3 13.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2268
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

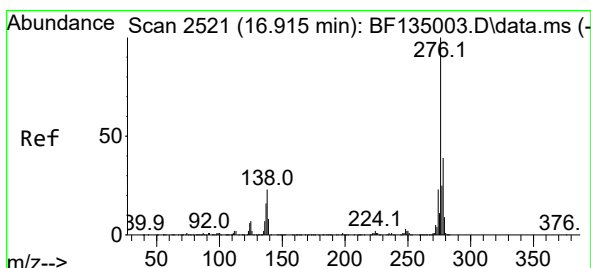
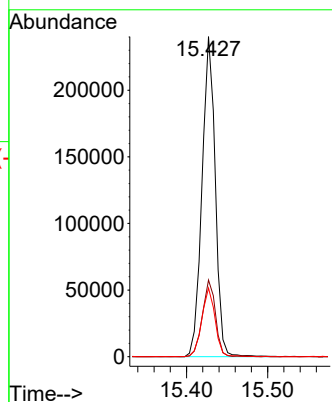
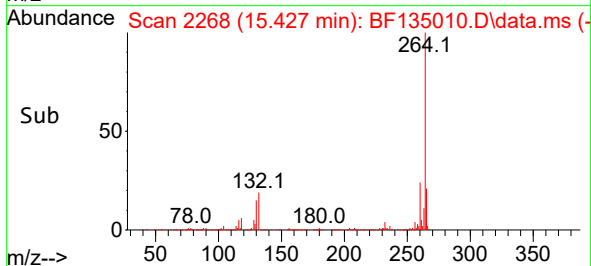
Instrument :
BNA_F
ClientSampleId :
PB155120BSD



Tgt Ion:264 Resp: 272120
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.6
265 21.5 18.2 27.2

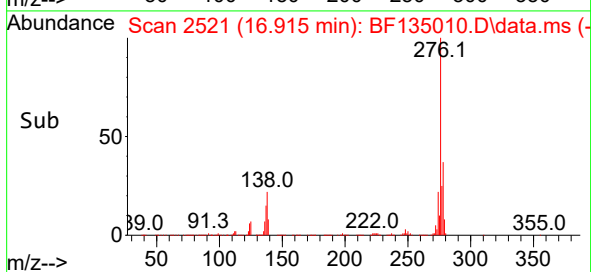
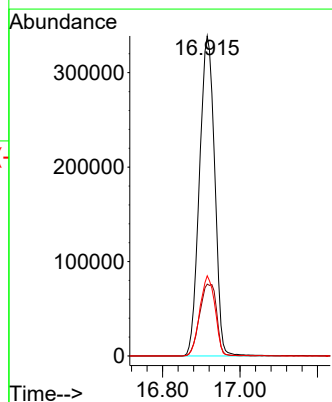
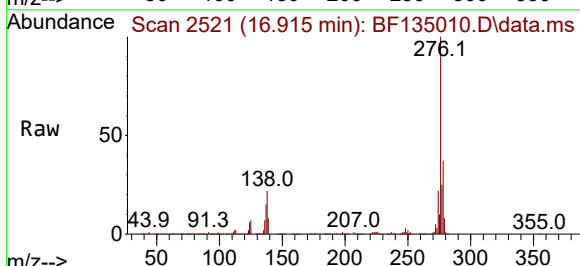
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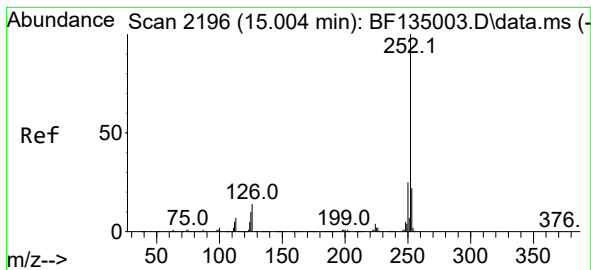
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023



#87
Indeno(1,2,3-cd)pyrene
Concen: 50.386 ng
RT: 16.915 min Scan# 2521
Delta R.T. 0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Tgt Ion:276 Resp: 923546
Ion Ratio Lower Upper
276 100
138 25.1 20.2 30.2
277 25.1 20.4 30.6





#88

Benzo(b)fluoranthene

Concen: 46.786 ng

RT: 15.004 min Scan# 2196

Delta R.T. -0.000 min

Lab File: BF135010.D

Acq: 30 Aug 2023 17:53

Instrument :

BNA_F

ClientSampleId :

PB155120BSD

Tgt Ion:252 Resp: 792179

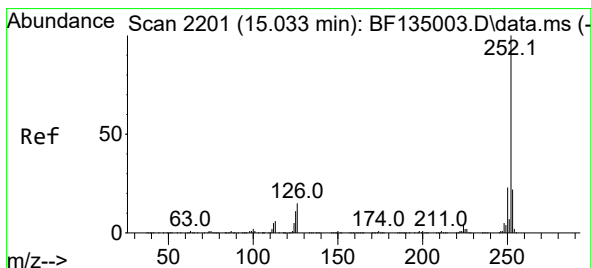
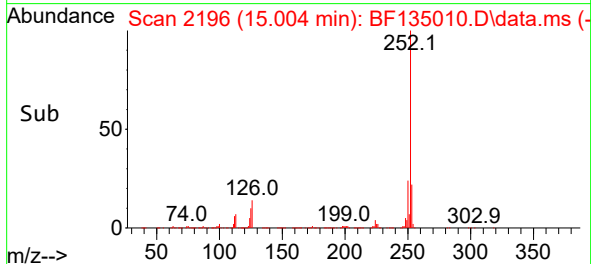
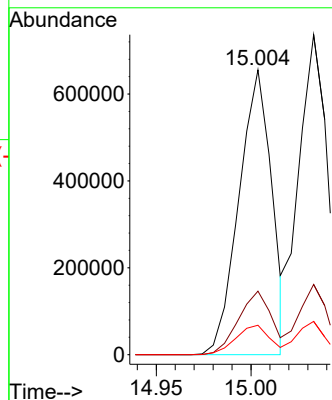
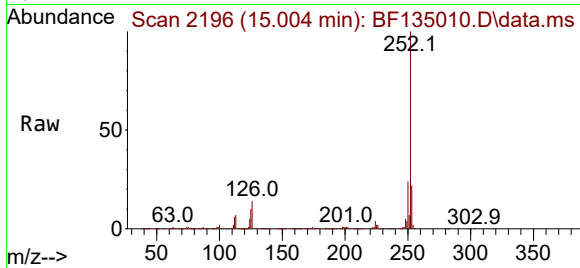
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	10.4	8.4	12.6

Manual Integrations

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Reviewed By :Yogesh Patel 08/31/2023

Supervised By :mohammad ahmed 08/31/2023



#89

Benzo(k)fluoranthene

Concen: 47.040 ng

RT: 15.033 min Scan# 2201

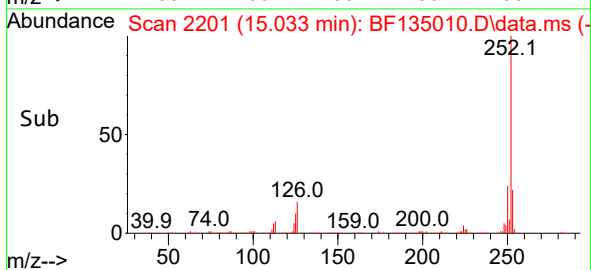
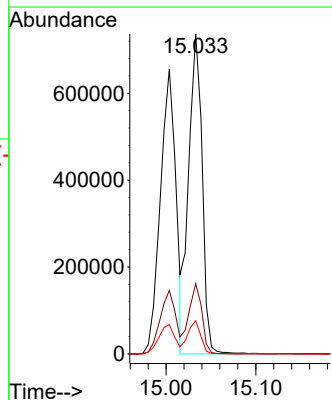
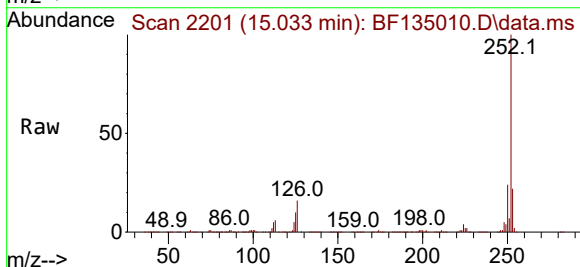
Delta R.T. -0.000 min

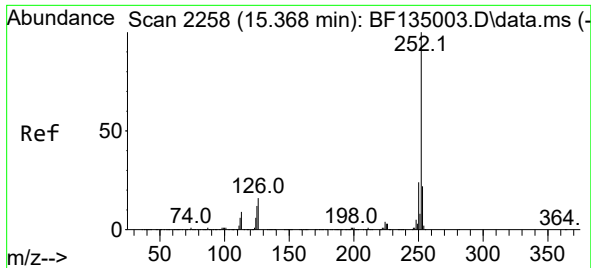
Lab File: BF135010.D

Acq: 30 Aug 2023 17:53

Tgt Ion:252 Resp: 769456

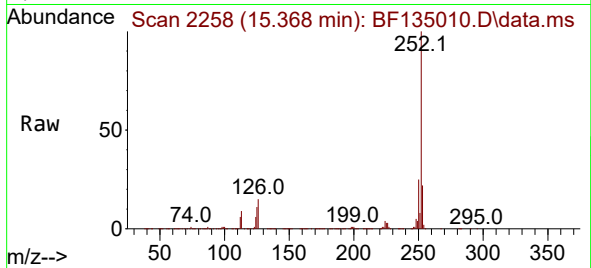
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	10.4	8.5	12.7





#90
Benzo(a)pyrene
Concen: 44.026 ng
RT: 15.368 min Scan# 2258
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

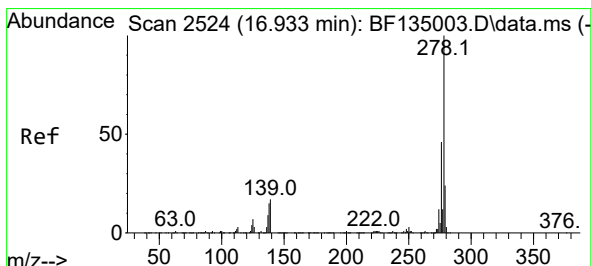
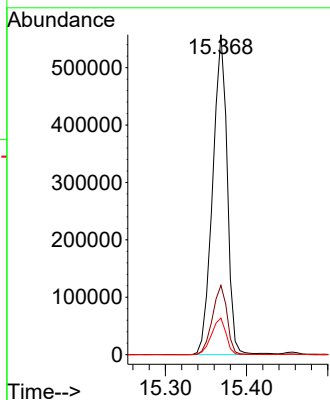
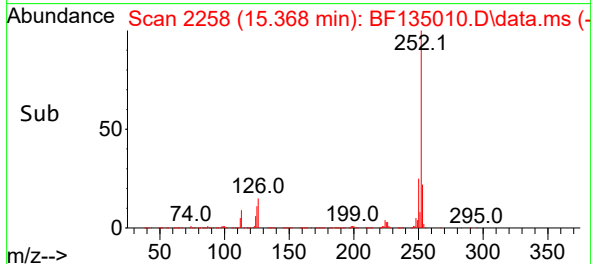
Instrument :
BNA_F
ClientSampleId :
PB155120BSD



Tgt Ion:252 Resp: 69248
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 11.5 9.5 14.3

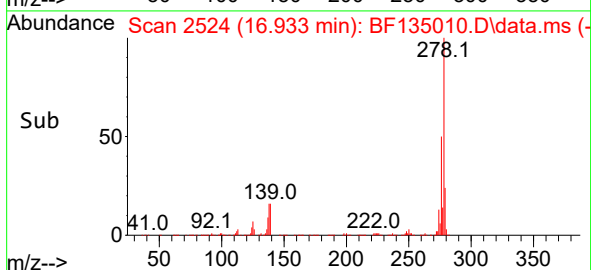
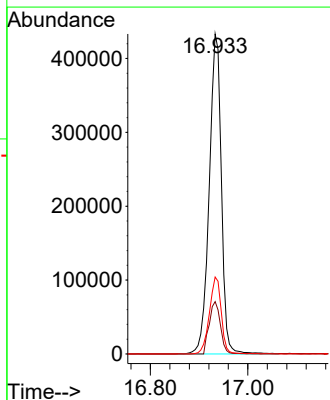
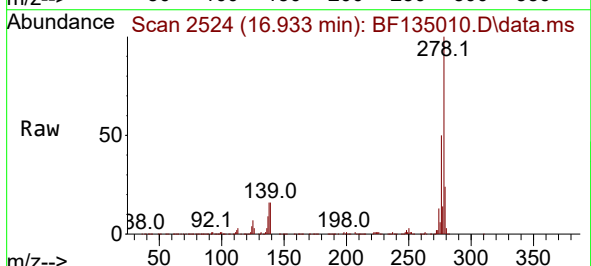
Manual Integrations
APPROVED

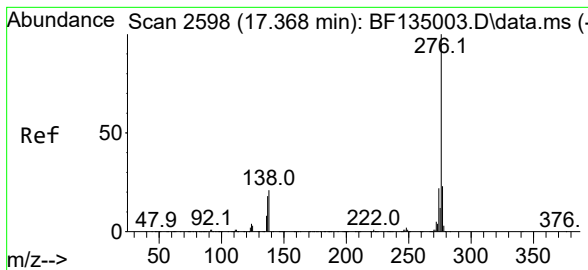
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023



#91
Dibenzo(a,h)anthracene
Concen: 50.302 ng
RT: 16.933 min Scan# 2524
Delta R.T. 0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

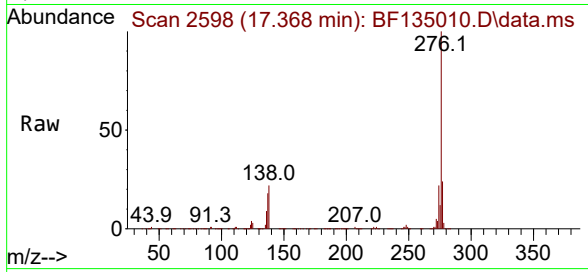
Tgt Ion:278 Resp: 746731
Ion Ratio Lower Upper
278 100
139 16.4 13.4 20.2
279 24.0 19.5 29.3





#92
 Benzo(g,h,i)perylene
 Concen: 49.335 ng
 RT: 17.368 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF135010.D
 Acq: 30 Aug 2023 17:53

Instrument :
 BNA_F
 ClientSampleId :
 PB155120BSD



Tgt Ion:276 Resp: 761710
 Ion Ratio Lower Upper
 276 100
 277 23.6 18.5 27.7
 138 22.4 17.1 25.7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/31/2023
 Supervised By :mohammad ahmed 08/31/2023

