

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071723\
 Data File : BF134316.D
 Acq On : 17 Jul 2023 15:10
 Operator : CG\JU
 Sample : PB154180BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154180BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/31/2023
 Supervised By :mohammad ahmed 07/31/2023

Quant Time: Jul 17 16:16:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	88186	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	355658	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	194642	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	392806	20.000	ng	0.00
76) Chrysene-d12	14.033	240	287077	20.000	ng	0.00
86) Perylene-d12	15.533	264	239324	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	618867	117.391	ng	0.01
7) Phenol-d6	6.481	99	754725	116.410	ng	0.00
23) Nitrobenzene-d5	7.404	82	523611	79.361	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	317343	130.036	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1071262	80.019	ng	0.00
79) Terphenyl-d14	12.969	244	1385700	77.685	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.693	88	84869	39.043	ng	99
3) Pyridine	3.481	79	162803	28.753	ng	99
4) n-Nitrosodimethylamine	3.434	42	132158	40.868	ng	98
6) Aniline	6.504	93	164035	20.792	ng	# 72
8) 2-Chlorophenol	6.628	128	249977	46.711	ng	96
9) Benzaldehyde	6.393	77	36226	7.662	ng	97
10) Phenol	6.498	94	291553	42.770	ng	89
11) bis(2-Chloroethyl)ether	6.575	93	226318	45.095	ng	96
12) 1,3-Dichlorobenzene	6.775	146	259763	45.529	ng	100
13) 1,4-Dichlorobenzene	6.851	146	263945	45.802	ng	98
14) 1,2-Dichlorobenzene	7.004	146	248018	45.954	ng	99
15) Benzyl Alcohol	6.987	79	230093	46.036	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.110	45	352050	39.652	ng	81
17) 2-Methylphenol	7.098	107	208550	43.518	ng	95
18) Hexachloroethane	7.345	117	100512	47.039	ng	95
19) n-Nitroso-di-n-propyla...	7.257	70	185589	45.139	ng	95
20) 3+4-Methylphenols	7.251	107	261929	45.053	ng	92
22) Acetophenone	7.251	105	365299	45.162	ng	# 97
24) Nitrobenzene	7.422	77	279767	41.961	ng	92
25) Isophorone	7.657	82	500657	41.753	ng	97
26) 2-Nitrophenol	7.740	139	141485	44.236	ng	96
27) 2,4-Dimethylphenol	7.775	122	227444	44.924	ng	95
28) bis(2-Chloroethoxy)met...	7.869	93	288387	41.535	ng	98
29) 2,4-Dichlorophenol	7.981	162	220173	43.856	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	229545	44.312	ng	98
31) Naphthalene	8.140	128	712439	41.471	ng	99
32) Benzoic acid	7.922	122	173192	45.652	ng	91
33) 4-Chloroaniline	8.192	127	76157	10.363	ng	98
34) Hexachlorobutadiene	8.251	225	149338	45.701	ng	98
35) Caprolactam	8.569	113	74101m	44.828	ng	
36) 4-Chloro-3-methylphenol	8.681	107	261227	46.318	ng	94
37) 2-Methylnaphthalene	8.828	142	494417	40.698	ng	100
38) 1-Methylnaphthalene	8.928	142	463232	41.016	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	246623	42.768	ng	100
41) Hexachlorocyclopentadiene	8.981	237	201079	73.500	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	162891	41.495	ng	97

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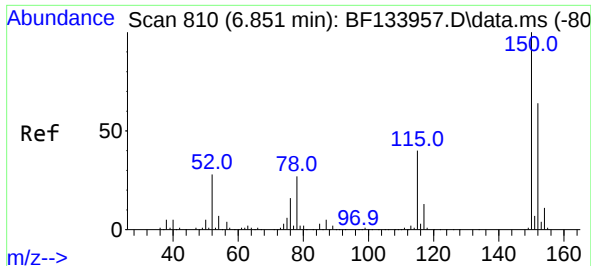
Manual Integrations
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	174673	37.828	ng	98
46) 1,1'-Biphenyl	9.298	154	656342	42.037	ng	98
47) 2-Chloronaphthalene	9.322	162	475841	41.653	ng	96
48) 2-Nitroaniline	9.428	65	168876	40.562	ng	92
49) Acenaphthylene	9.739	152	772560	39.588	ng	99
50) Dimethylphthalate	9.604	163	603018	42.679	ng	98
51) 2,6-Dinitrotoluene	9.669	165	130199	42.784	ng	92
52) Acenaphthene	9.910	154	462545	40.848	ng	99
53) 3-Nitroaniline	9.839	138	83495	22.870	ng	97
54) 2,4-Dinitrophenol	9.957	184	146722	83.317	ng	95
55) Dibenzofuran	10.086	168	712748	40.275	ng	98
56) 4-Nitrophenol	10.016	139	187342	73.361	ng	95
57) 2,4-Dinitrotoluene	10.081	165	170250	42.362	ng	# 83
58) Fluorene	10.428	166	574215	41.707	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	152620	41.902	ng	98
60) Diethylphthalate	10.304	149	629731	42.780	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	285620	43.047	ng	99
62) 4-Nitroaniline	10.463	138	129311	35.146	ng	91
63) Azobenzene	10.581	77	571942	41.075	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	99567	46.493	ng	86
66) n-Nitrosodiphenylamine	10.545	169	513068	40.881	ng	98
67) 4-Bromophenyl-phenylether	10.910	248	178763	42.817	ng	# 91
68) Hexachlorobenzene	10.981	284	210902	47.576	ng	97
69) Atrazine	11.075	200	112619	32.441	ng	99
70) Pentachlorophenol	11.181	266	192932	72.790	ng	97
71) Phenanthrene	11.398	178	832180	42.083	ng	99
72) Anthracene	11.451	178	840320	40.856	ng	100
73) Carbazole	11.610	167	804258	42.721	ng	99
74) Di-n-butylphthalate	11.933	149	1013277	45.261	ng	100
75) Fluoranthene	12.592	202	928083	43.413	ng	99
77) Benzidine	12.716	184	74327	10.881	ng	99
78) Pyrene	12.822	202	949859	35.553	ng	100
80) Butylbenzylphthalate	13.445	149	415945	41.512	ng	97
81) Benzo(a)anthracene	14.022	228	840922	42.238	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	211146	33.474	ng	99
83) Chrysene	14.063	228	794503	41.201	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	569279	49.445	ng	99
85) Di-n-octyl phthalate	14.627	149	947131	55.985	ng	98
87) Indeno(1,2,3-cd)pyrene	17.080	276	673891	40.579	ng	96
88) Benzo(b)fluoranthene	15.092	252	785500	55.818	ng	100
89) Benzo(k)fluoranthene	15.127	252	691429m	48.257	ng	
90) Benzo(a)pyrene	15.474	252	622295	45.730	ng	98
91) Dibenzo(a,h)anthracene	17.098	278	568055	41.879	ng	# 96
92) Benzo(g,h,i)perylene	17.551	276	546353	39.059	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.011 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

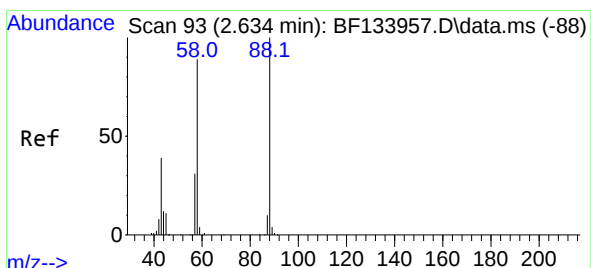
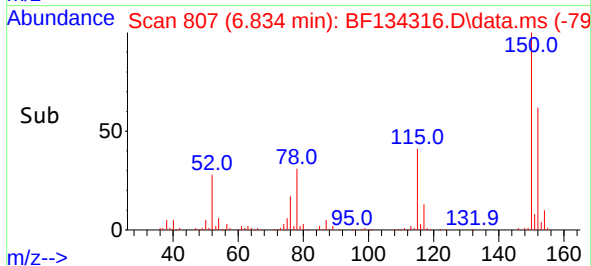
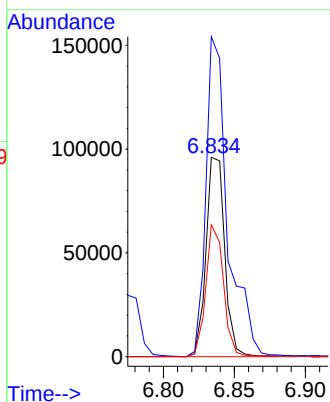
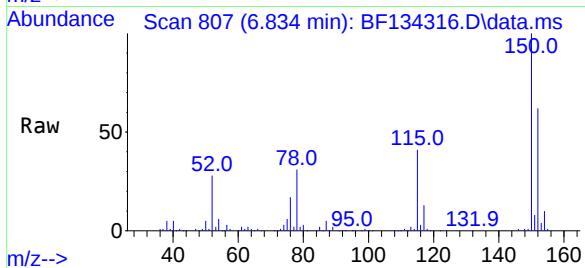
PB154180BS

Tgt Ion:152 Resp: 88180
Ion Ratio Lower Upper
152 100
150 160.6 124.5 186.7
115 66.2 50.2 75.2

Manual Integrations

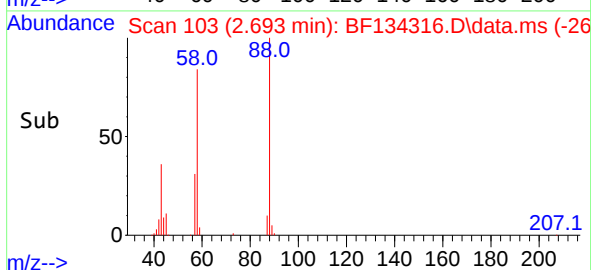
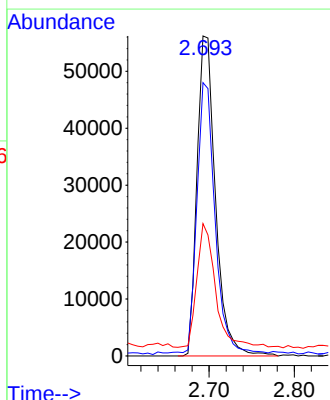
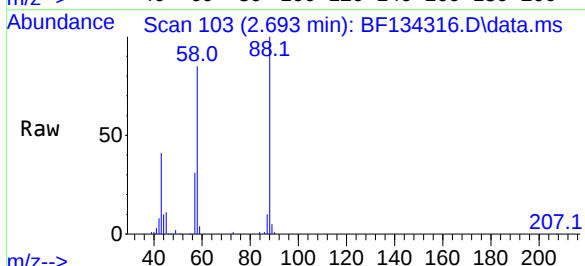
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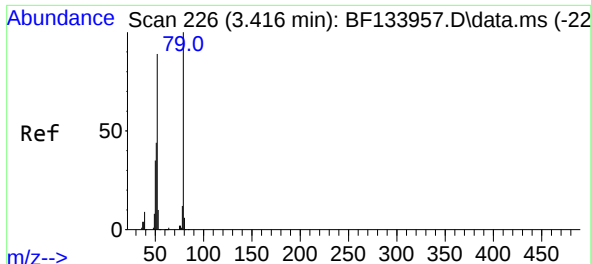
Reviewed By :Yogesh Patel 07/31/2023
Supervised By :mohammad ahmed 07/31/2023



#2
1,4-Dioxane
Concen: 39.043 ng
RT: 2.693 min Scan# 103
Delta R.T. 0.100 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

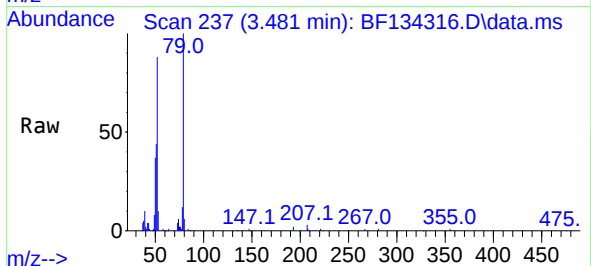
Tgt Ion: 88 Resp: 84869
Ion Ratio Lower Upper
88 100
58 84.6 68.8 103.2
43 38.7 30.7 46.1





#3
Pyridine
Concen: 28.753 ng
RT: 3.481 min Scan# 21
Delta R.T. 0.100 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

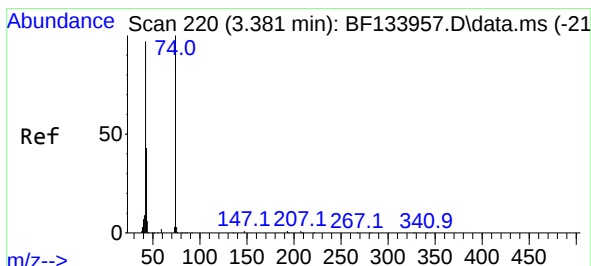
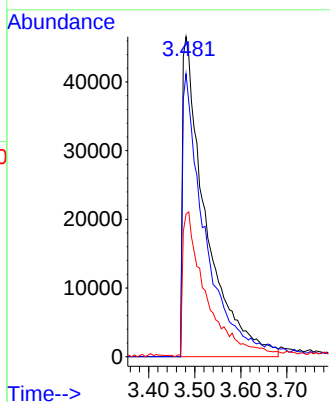
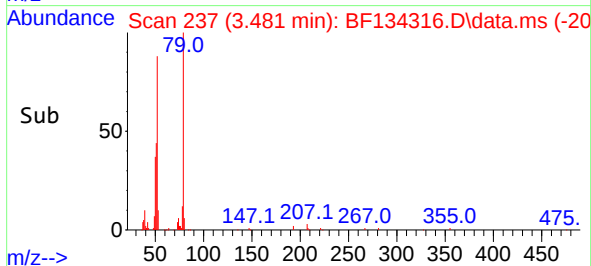
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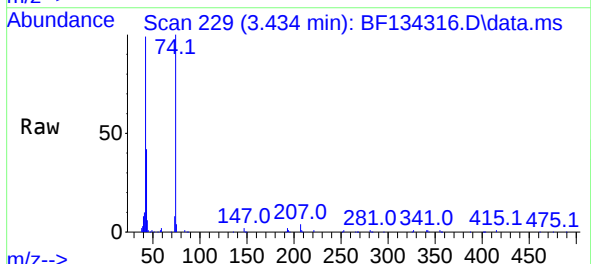
Tgt Ion: 79 Resp: 16280
Ion Ratio Lower Upper
79 100
52 88.4 71.1 106.7
51 44.5 35.2 52.8

Manual Integrations
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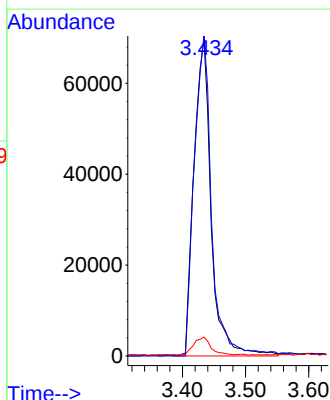
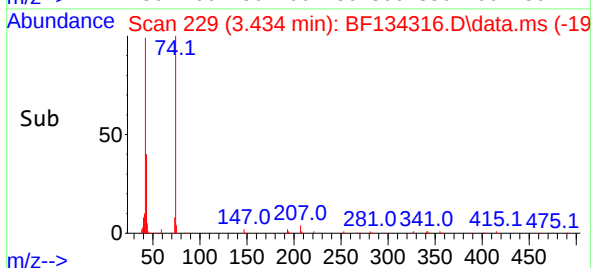
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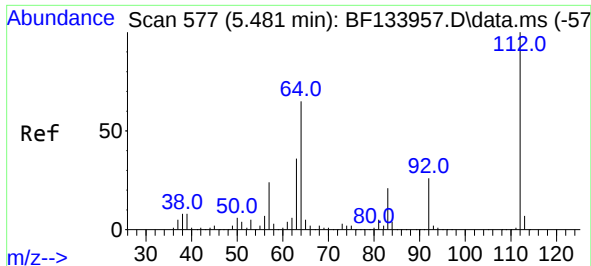


#4
n-Nitrosodimethylamine
Concen: 40.868 ng
RT: 3.434 min Scan# 229
Delta R.T. 0.094 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10



Tgt Ion: 42 Resp: 132158
Ion Ratio Lower Upper
42 100
74 101.0 82.4 123.6
44 5.9 4.9 7.3





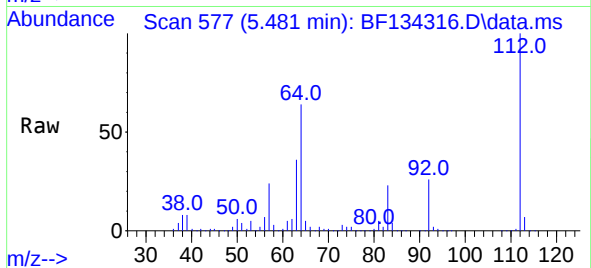
#5
2-Fluorophenol
Concen: 117.391 ng
RT: 5.481 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

PB154180BS

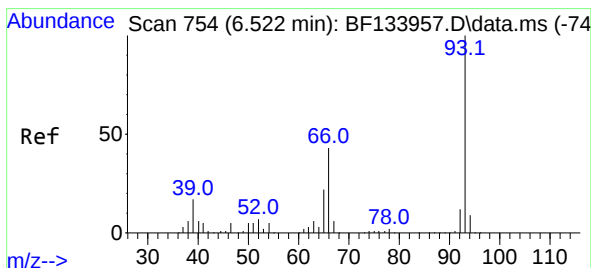
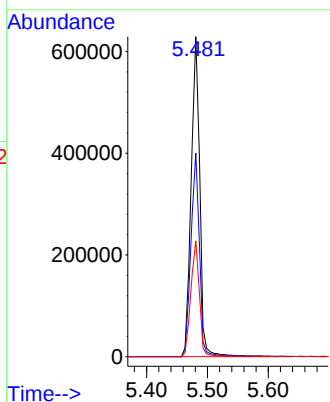
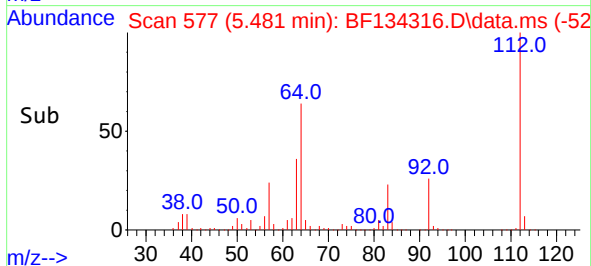


Tgt Ion:112 Resp: 61886
Ion Ratio Lower Upper
112 100
64 63.7 52.1 78.1
63 36.2 28.6 42.8

Manual Integrations

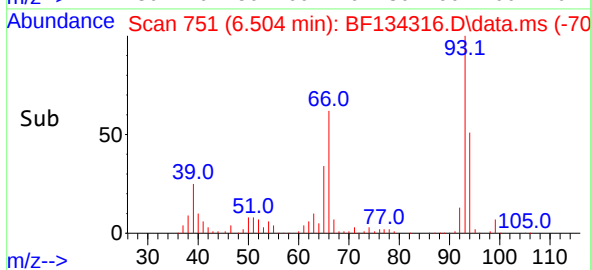
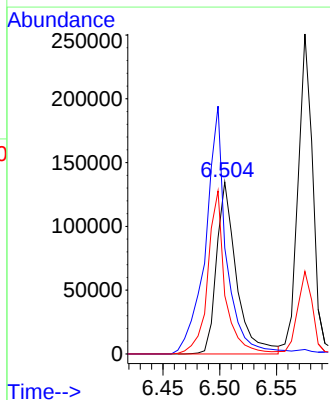
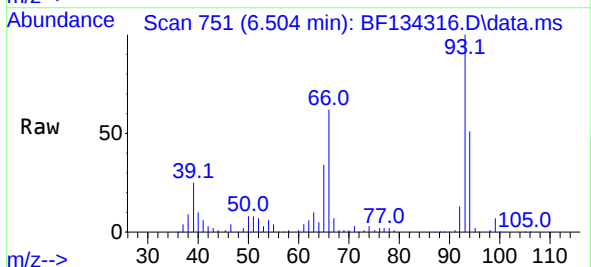
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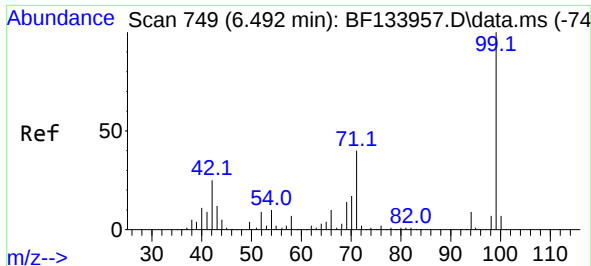
Reviewed By :Yogesh Patel 07/31/2023
Supervised By :mohammad ahmed 07/31/2023



#6
Aniline
Concen: 20.792 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

Tgt Ion: 93 Resp: 164035
Ion Ratio Lower Upper
93 100
66 61.7 34.5 51.7#
65 34.0 17.8 26.6#





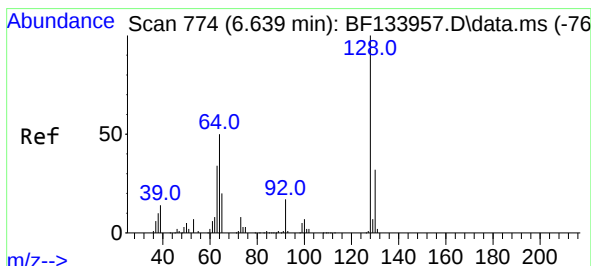
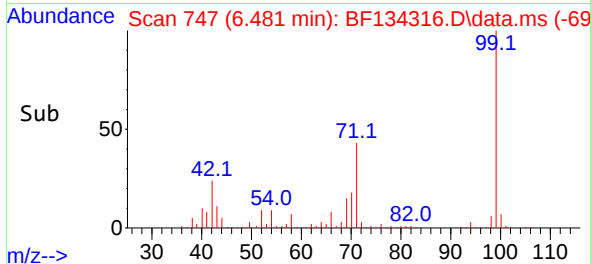
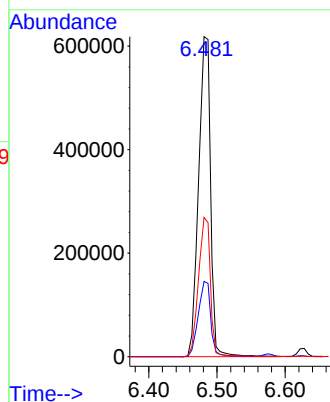
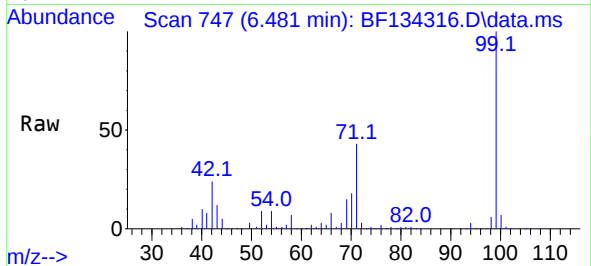
#7
Phenol-d6
Concen: 116.410 ng
RT: 6.481 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

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BNA_F
ClientSampleId :
PB154180BS

Tgt Ion: 99 Resp: 754725
Ion Ratio Lower Upper
99 100
42 23.5 19.8 29.6
71 43.5 31.9 47.9

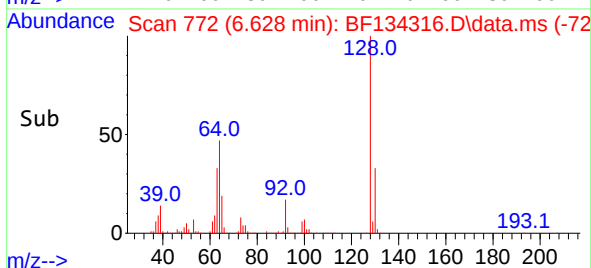
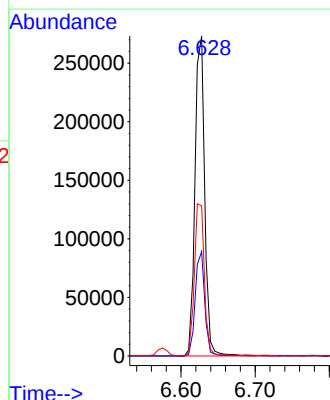
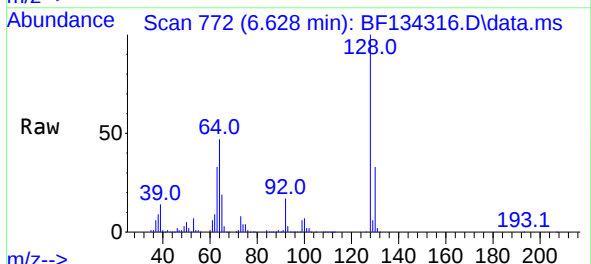
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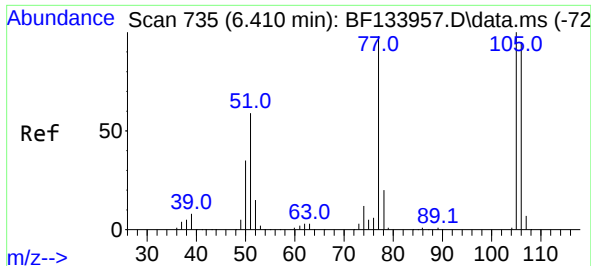
Reviewed By :Yogesh Patel 07/31/2023
Supervised By :mohammad ahmed 07/31/2023



#8
2-Chlorophenol
Concen: 46.711 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

Tgt Ion:128 Resp: 249977
Ion Ratio Lower Upper
128 100
130 32.6 11.7 51.7
64 46.9 31.3 71.3





#9
Benzaldehyde
Concen: 7.662 ng
RT: 6.393 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

Instrument :

BNA_F

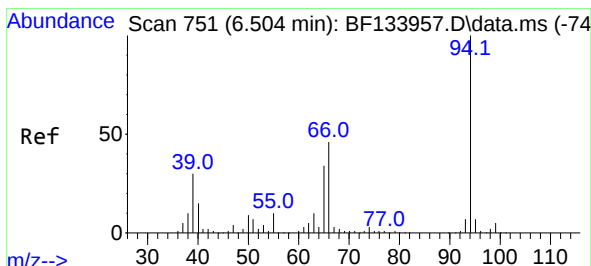
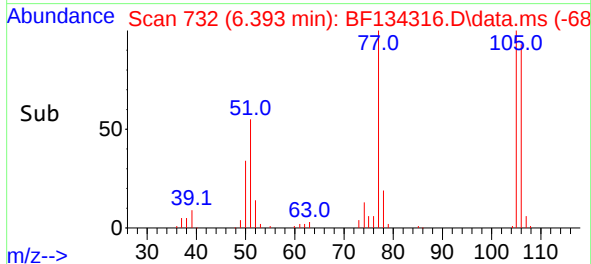
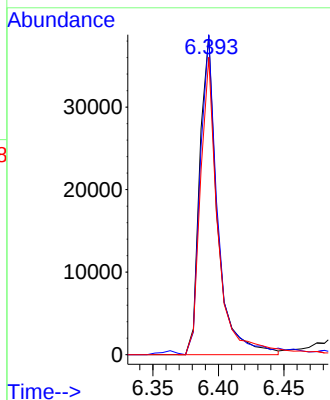
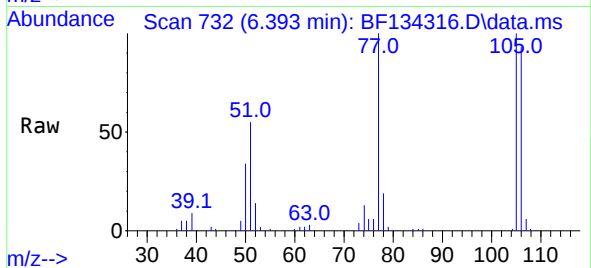
ClientSampleId :

PB154180BS

Tgt Ion: 77 Resp: 36220
Ion Ratio Lower Upper
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105 100.2 82.0 122.0
106 93.2 76.9 116.9

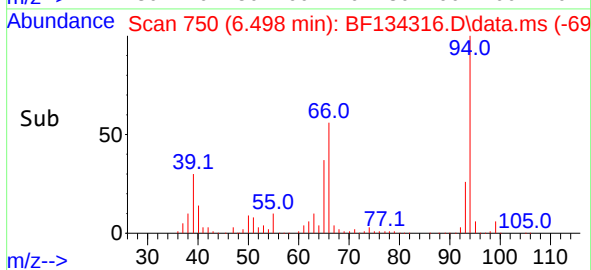
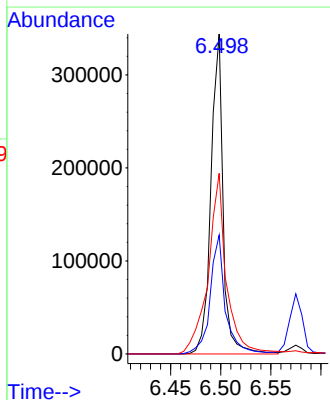
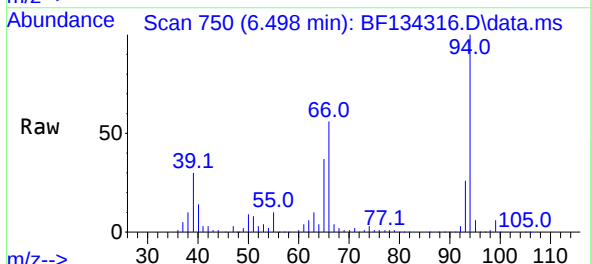
Manual Integrations
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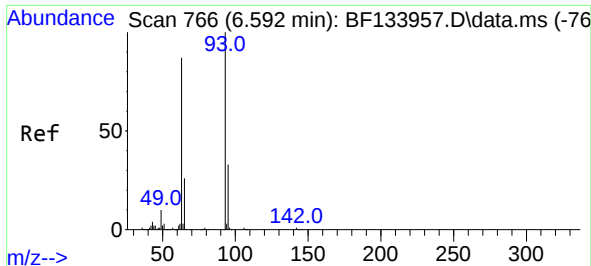
Reviewed By :Yogesh Patel 07/31/2023
Supervised By :mohammad ahmed 07/31/2023



#10
Phenol
Concen: 42.770 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

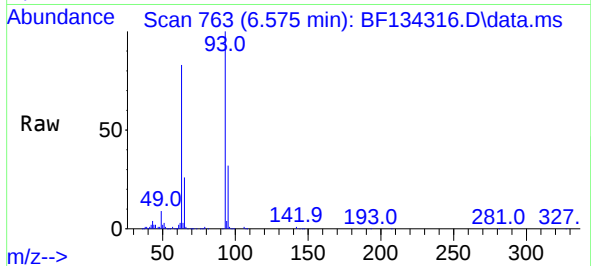
Tgt Ion: 94 Resp: 291553
Ion Ratio Lower Upper
94 100
65 37.1 14.2 54.2
66 56.5 26.4 66.4





#11
bis(2-Chloroethyl)ether
Concen: 45.095 ng
RT: 6.575 min Scan# 709
Delta R.T. -0.012 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

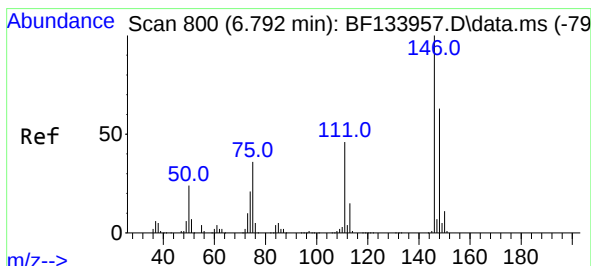
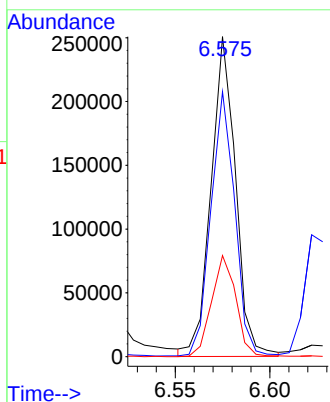
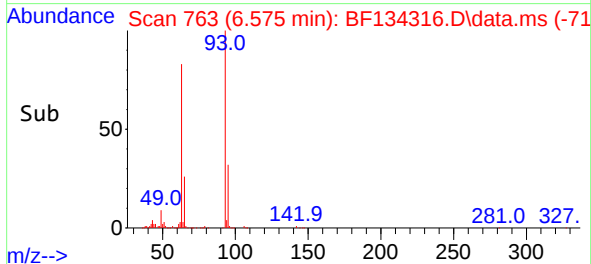
Instrument :
BNA_F
ClientSampleId :
PB154180BS



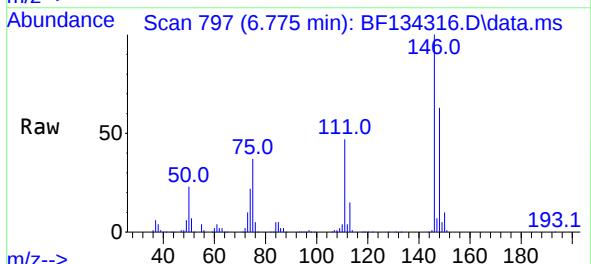
Tgt Ion: 93 Resp: 226318
Ion Ratio Lower Upper
93 100
63 82.8 66.5 106.5
95 31.6 12.9 52.9

Manual Integrations
APPROVED

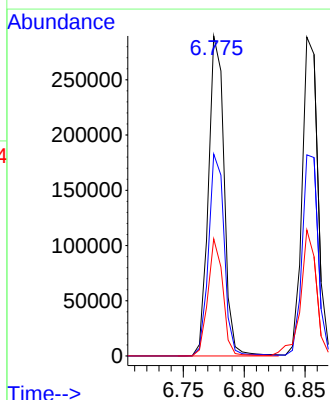
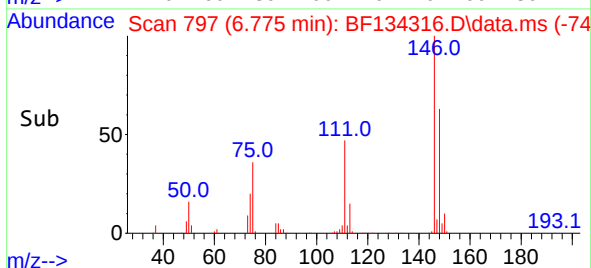
Reviewed By :Yogesh Patel 07/31/2023
Supervised By :mohammad ahmed 07/31/2023

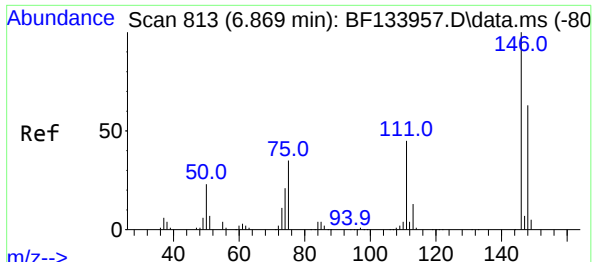


#12
1,3-Dichlorobenzene
Concen: 45.529 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.012 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10



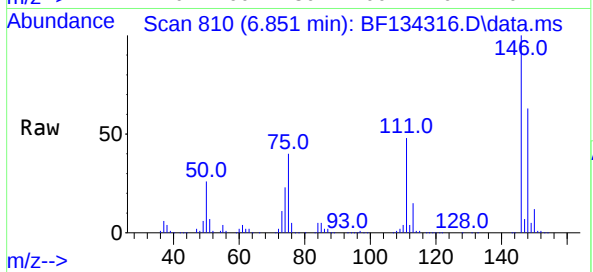
Tgt Ion:146 Resp: 259763
Ion Ratio Lower Upper
146 100
148 63.1 50.5 75.7
75 36.6 29.0 43.6





#13
1,4-Dichlorobenzene
Concen: 45.802 ng
RT: 6.851 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

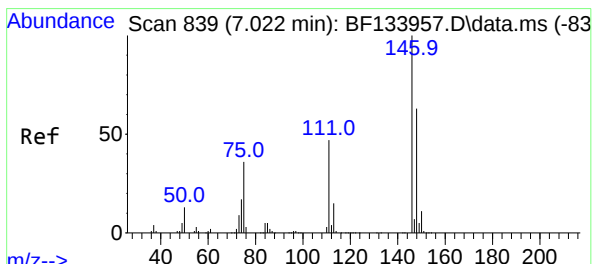
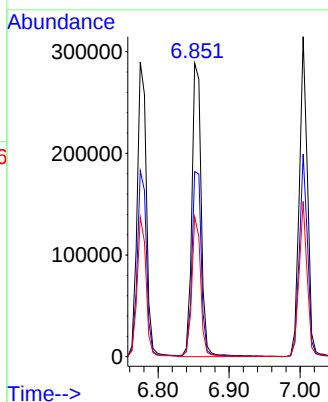
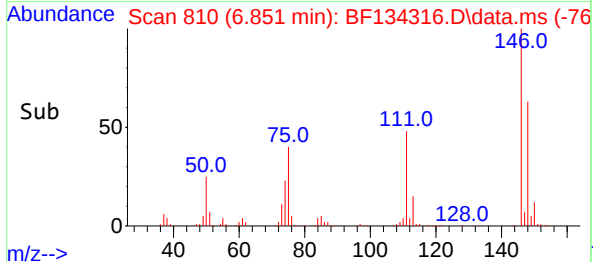
Instrument :
BNA_F
ClientSampleId :
PB154180BS



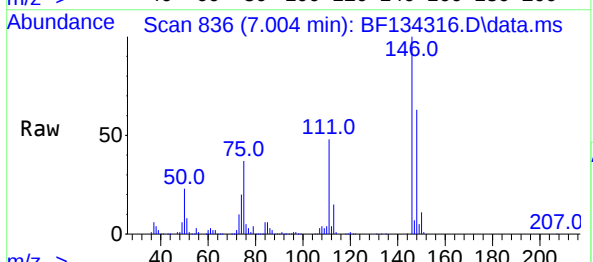
Tgt Ion:146 Resp: 26394
Ion Ratio Lower Upper
146 100
148 63.1 50.2 75.2
111 47.6 35.8 53.6

Manual Integrations
APPROVED

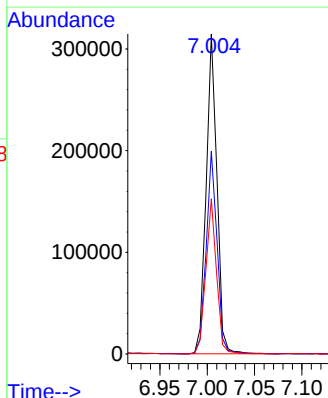
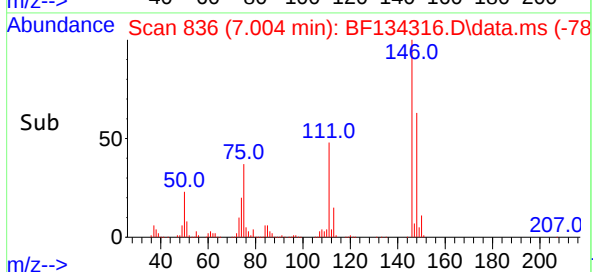
Reviewed By :Yogesh Patel 07/31/2023
Supervised By :mohammad ahmed 07/31/2023

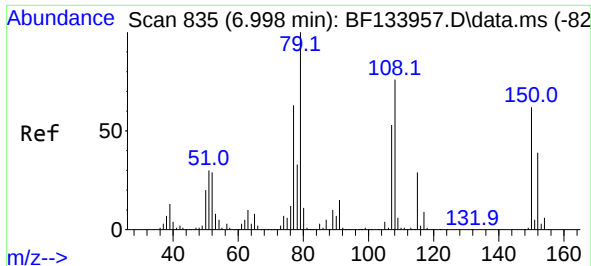


#14
1,2-Dichlorobenzene
Concen: 45.954 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.012 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10



Tgt Ion:146 Resp: 248018
Ion Ratio Lower Upper
146 100
148 63.3 50.6 76.0
111 48.5 38.0 57.0





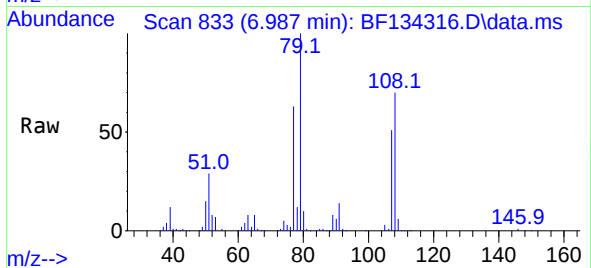
#15
Benzyl Alcohol
Concen: 46.036 ng
RT: 6.987 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

PB154180BS

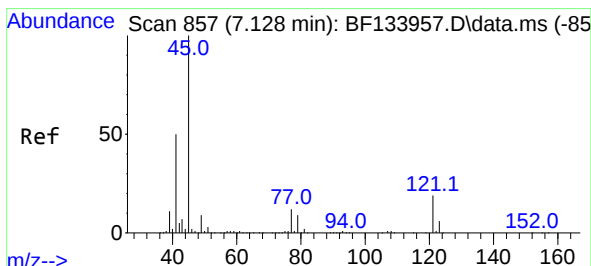
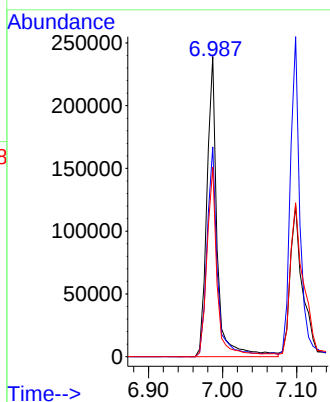
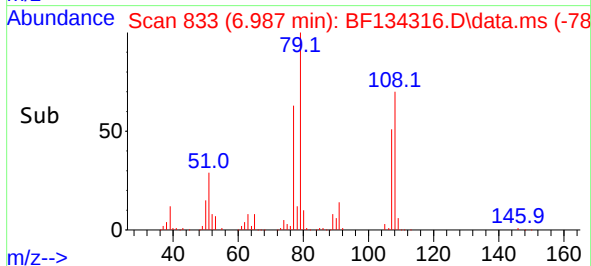


Tgt Ion: 79 Resp: 23009
Ion Ratio Lower Upper
79 100
108 69.9 60.7 91.1
77 63.1 50.6 75.8

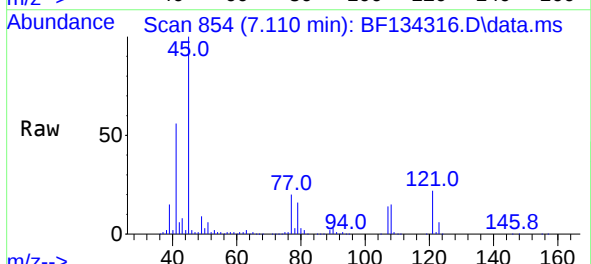
Manual Integrations

APPROVED

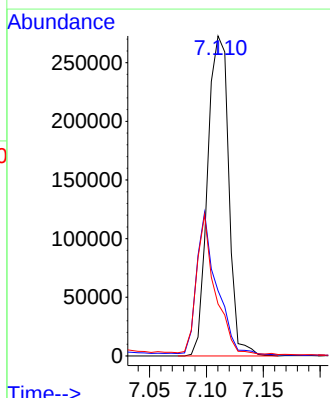
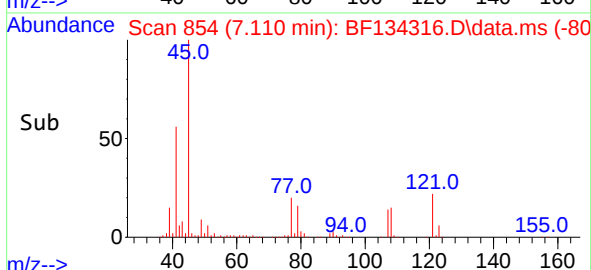
Reviewed By :Yogesh Patel 07/31/2023
Supervised By :mohammad ahmed 07/31/2023

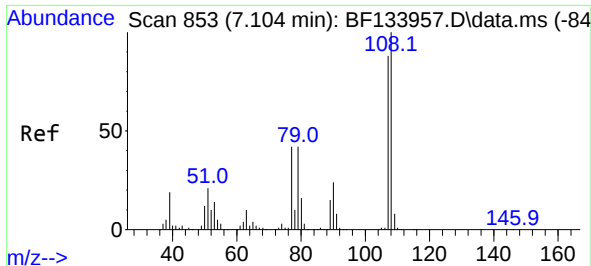


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.652 ng
RT: 7.110 min Scan# 854
Delta R.T. -0.012 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10



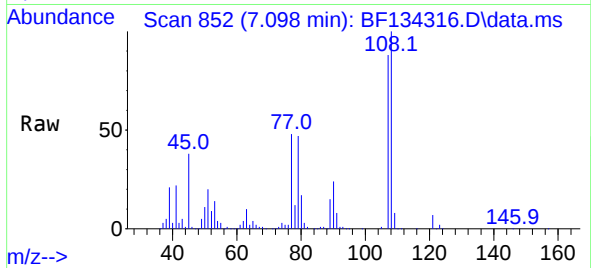
Tgt Ion: 45 Resp: 352050
Ion Ratio Lower Upper
45 100
77 20.4 0.0 32.9
79 16.2 0.0 29.5





#17
2-Methylphenol
Concen: 43.518 ng
RT: 7.098 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

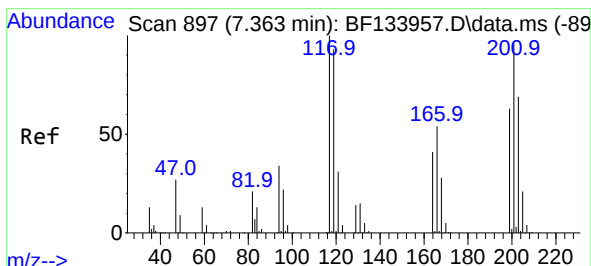
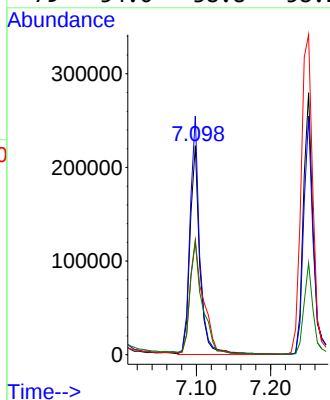
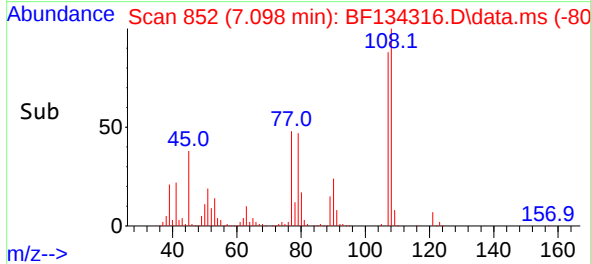
Instrument :
BNA_F
ClientSampleId :
PB154180BS



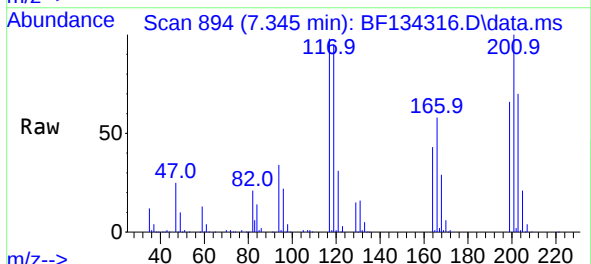
Tgt Ion:107 Resp: 208550
Ion Ratio Lower Upper
107 100
108 114.2 90.6 136.0
77 54.9 38.3 57.5
79 54.0 38.8 58.2

Manual Integrations
APPROVED

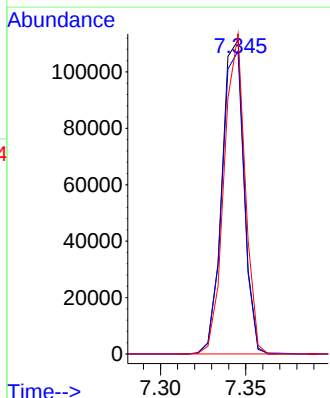
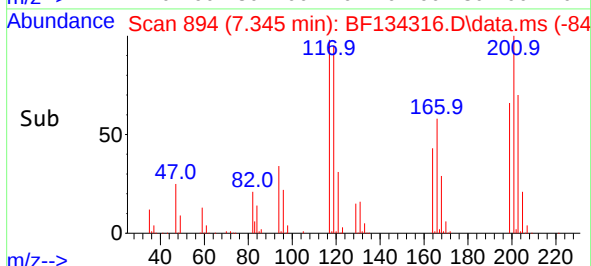
Reviewed By :Yogesh Patel 07/31/2023
Supervised By :mohammad ahmed 07/31/2023

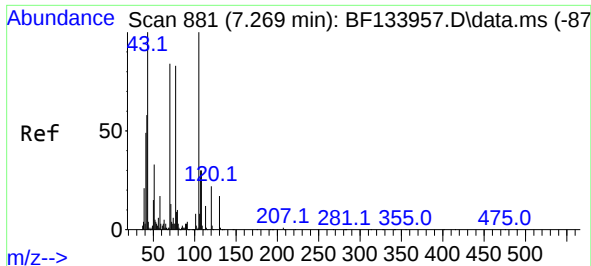


#18
Hexachloroethane
Concen: 47.039 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10



Tgt Ion:117 Resp: 100512
Ion Ratio Lower Upper
117 100
119 96.5 74.2 111.4
201 102.1 77.2 115.8





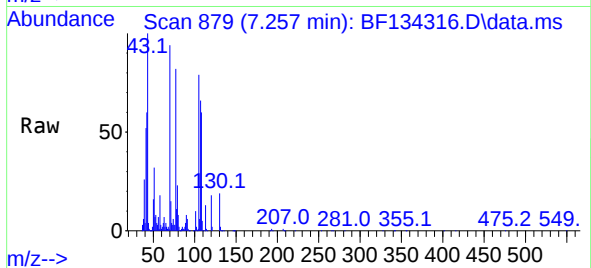
#19
n-Nitroso-di-n-propylamine
Concen: 45.139 ng
RT: 7.257 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

PB154180BS



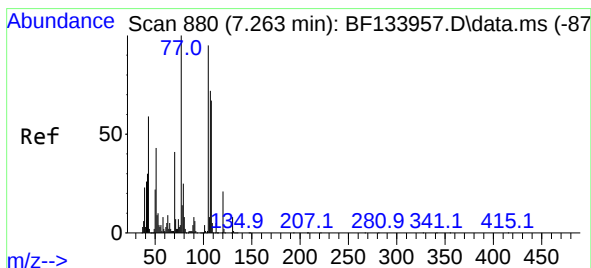
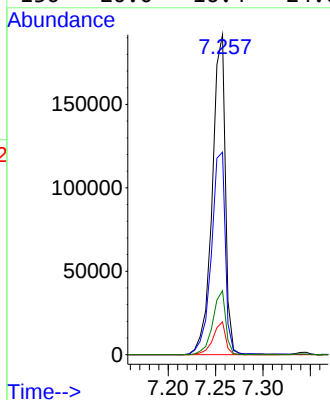
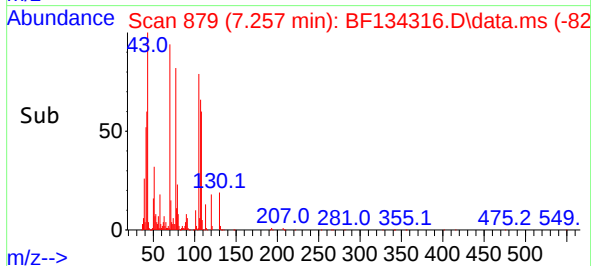
Tgt Ion: 70 Resp: 185589
Ion Ratio Lower Upper
70 100
42 63.3 54.7 82.1
101 10.3 7.7 11.5
130 20.0 16.4 24.6

Manual Integrations

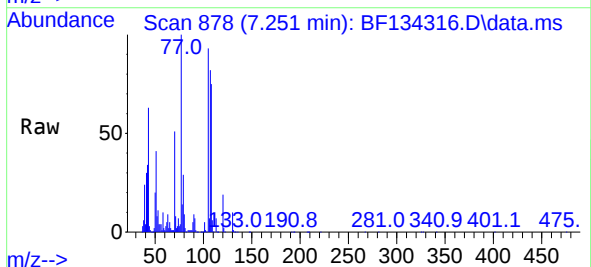
APPROVED

Reviewed By :Yogesh Patel 07/31/2023

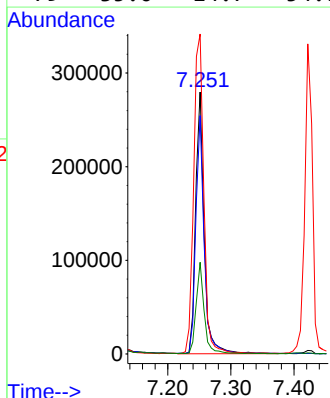
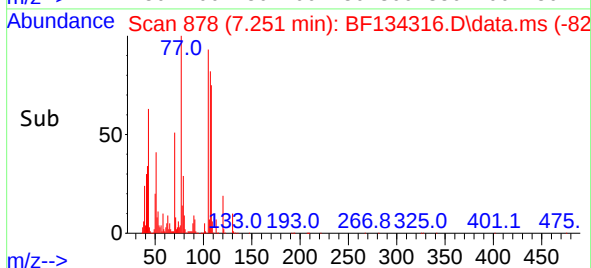
Supervised By :mohammad ahmed 07/31/2023

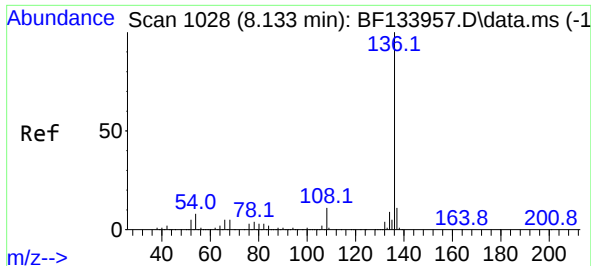


#20
3+4-Methylphenols
Concen: 45.053 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10



Tgt Ion:107 Resp: 261929
Ion Ratio Lower Upper
107 100
108 91.1 73.2 113.2
77 122.2 118.3 158.3
79 35.0 14.7 54.7





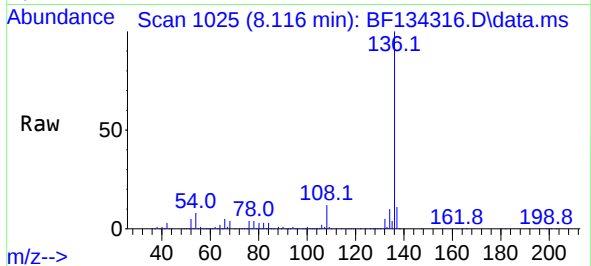
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

PB154180BS

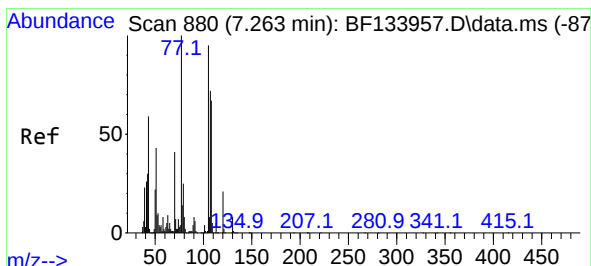
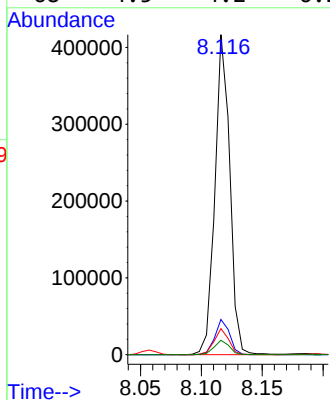
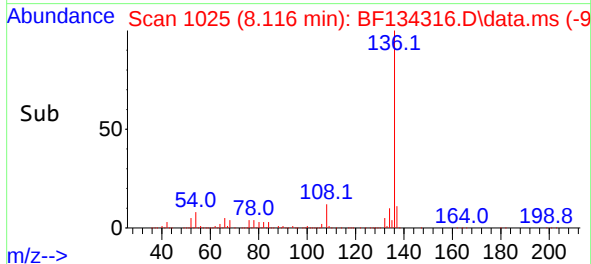


Tgt Ion:136 Resp: 355658
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 8.2 6.5 9.7
68 4.5 4.2 6.2

Manual Integrations

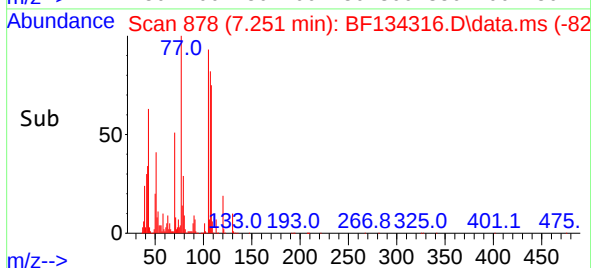
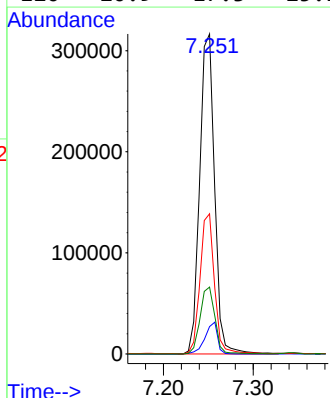
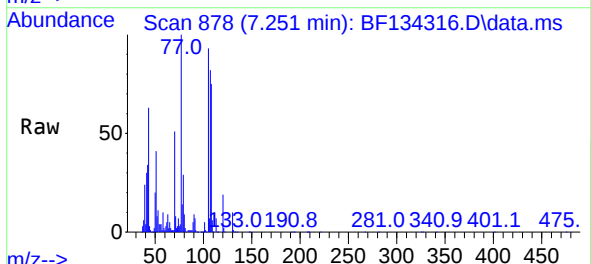
APPROVED

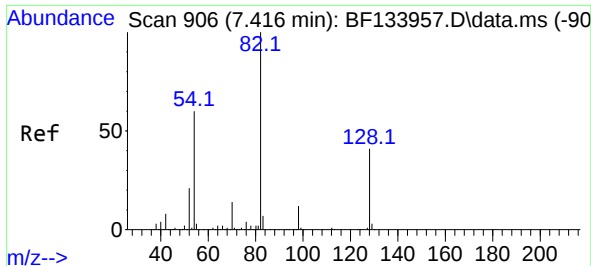
Reviewed By :Yogesh Patel 07/31/2023
Supervised By :mohammad ahmed 07/31/2023



#22
Acetophenone
Concen: 45.162 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

Tgt Ion:105 Resp: 365299
Ion Ratio Lower Upper
105 100
71 8.6 5.5 8.3#
51 43.8 36.5 54.7
120 20.9 17.3 25.9





#23

Nitrobenzene-d5

Concen: 79.361 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF134316.D

Acq: 17 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

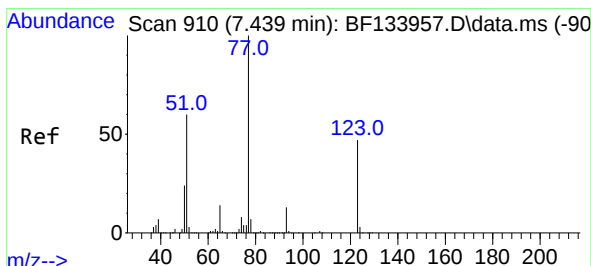
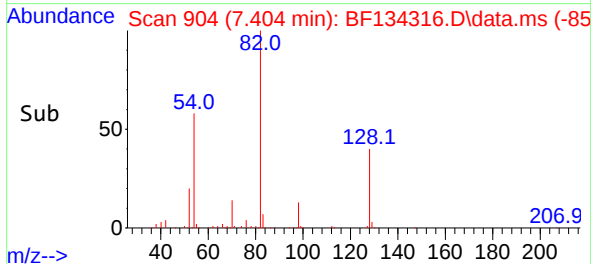
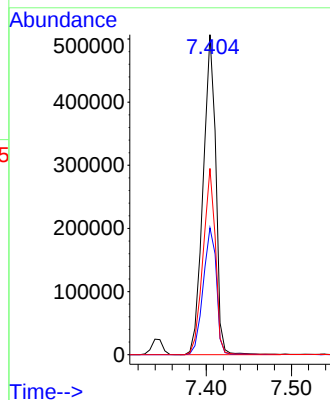
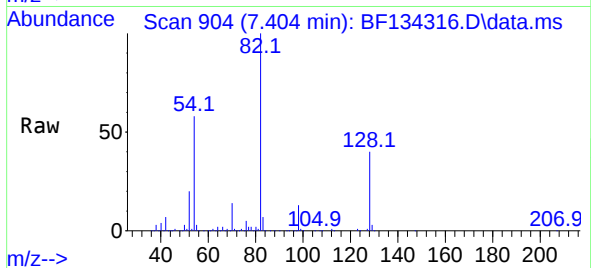
PB154180BS

Tgt Ion: 82 Resp: 52361

Ion	Ratio	Lower	Upper
82	100		
128	39.6	32.5	48.7
54	58.2	48.2	72.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/31/2023
Supervised By :mohammad ahmed 07/31/2023



#24

Nitrobenzene

Concen: 41.961 ng

RT: 7.422 min Scan# 907

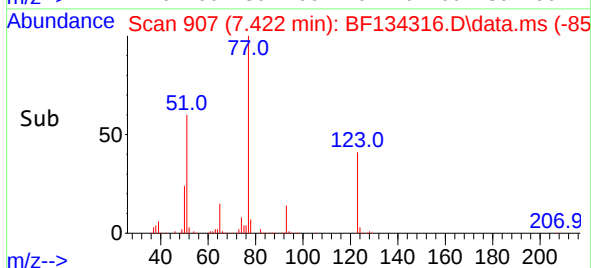
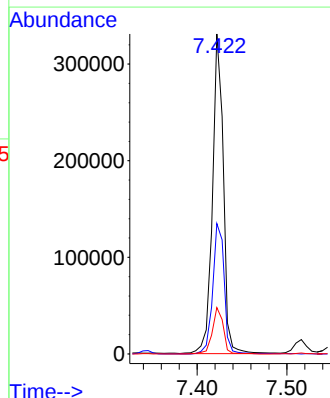
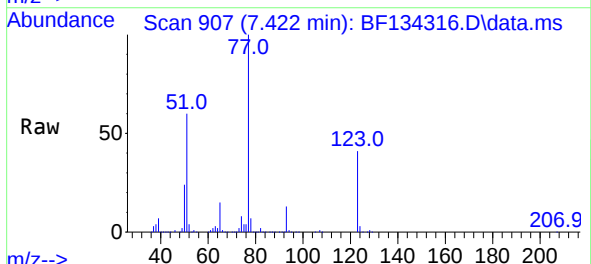
Delta R.T. -0.006 min

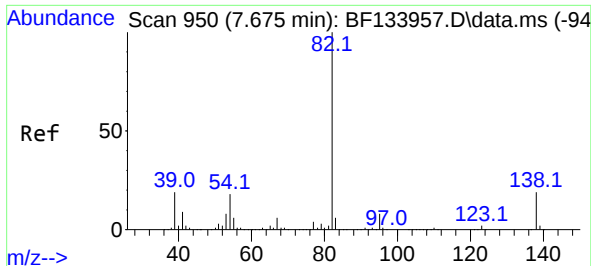
Lab File: BF134316.D

Acq: 17 Jul 2023 15:10

Tgt Ion: 77 Resp: 279767

Ion	Ratio	Lower	Upper
77	100		
123	40.7	37.8	56.6
65	14.5	11.3	16.9





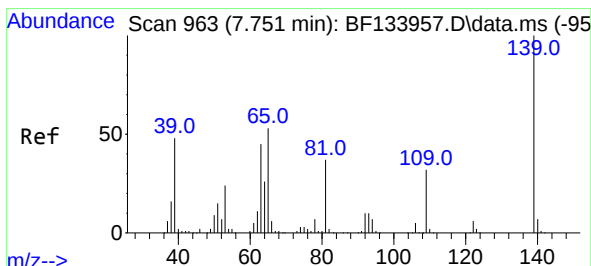
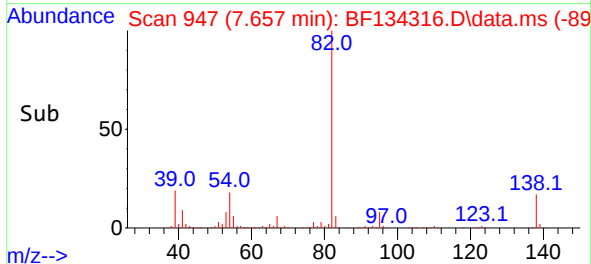
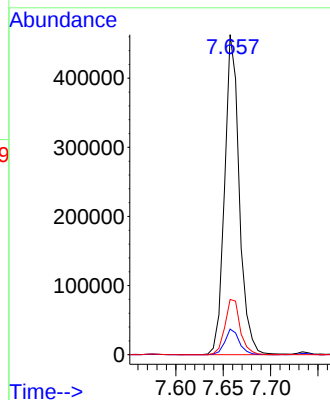
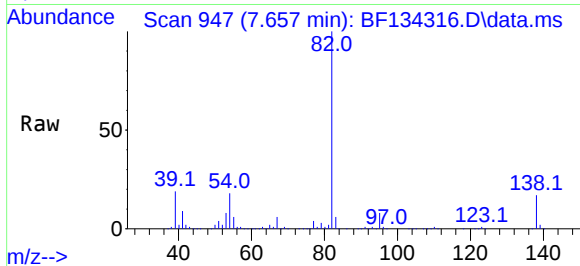
#25
Isophorone
Concen: 41.753 ng
RT: 7.657 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

Instrument :
BNA_F
ClientSampleId :
PB154180BS

Tgt Ion: 82 Resp: 50065
Ion Ratio Lower Upper
82 100
95 8.0 6.1 9.1
138 17.3 15.2 22.8

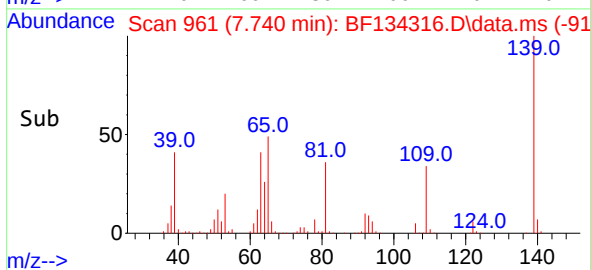
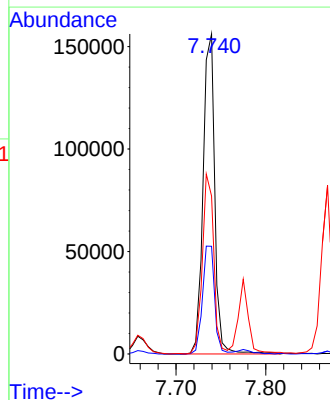
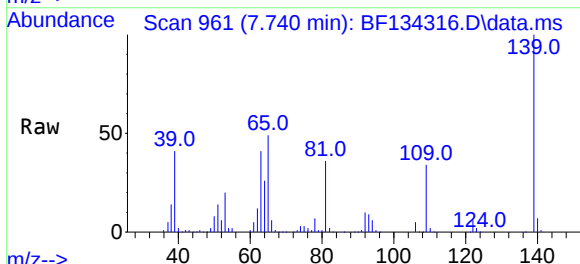
Manual Integrations
APPROVED

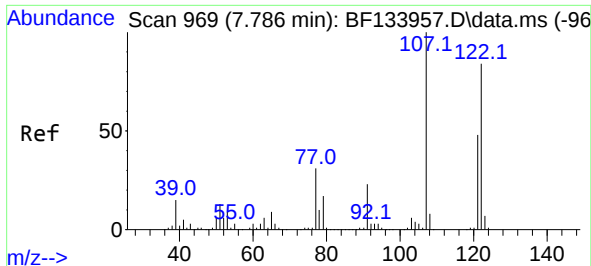
Reviewed By :Yogesh Patel 07/31/2023
Supervised By :mohammad ahmed 07/31/2023



#26
2-Nitrophenol
Concen: 44.236 ng
RT: 7.740 min Scan# 961
Delta R.T. -0.006 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

Tgt Ion:139 Resp: 141485
Ion Ratio Lower Upper
139 100
109 33.6 25.8 38.8
65 49.4 42.4 63.6





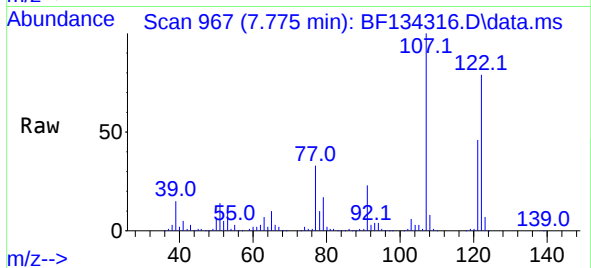
#27
2,4-Dimethylphenol
Concen: 44.924 ng
RT: 7.775 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

PB154180BS

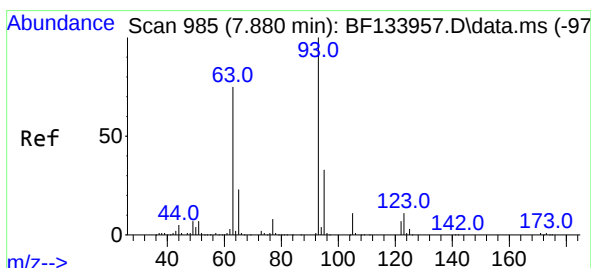
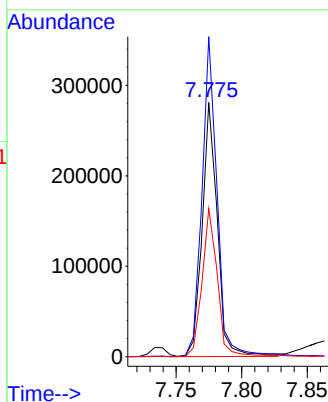
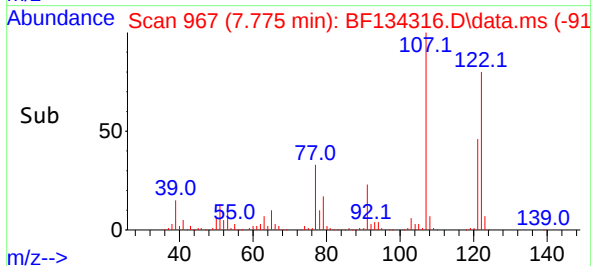


Tgt Ion:122 Resp: 227444
Ion Ratio Lower Upper
122 100
107 125.9 95.5 143.3
121 58.2 45.5 68.3

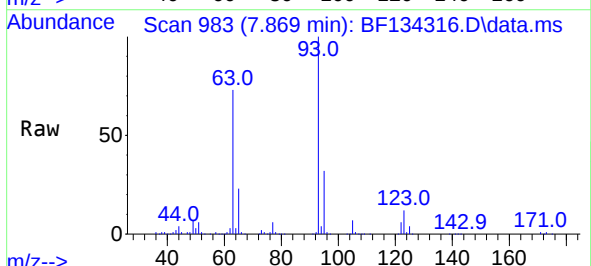
Manual Integrations

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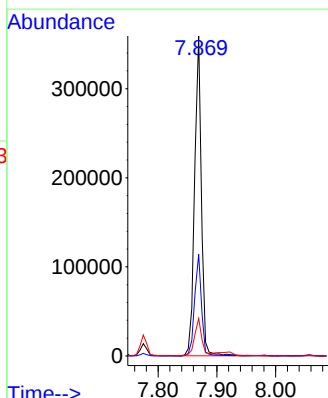
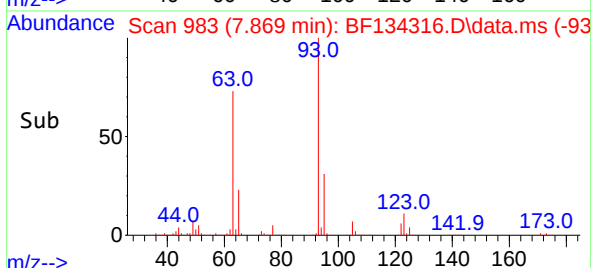
Reviewed By :Yogesh Patel 07/31/2023
Supervised By :mohammad ahmed 07/31/2023

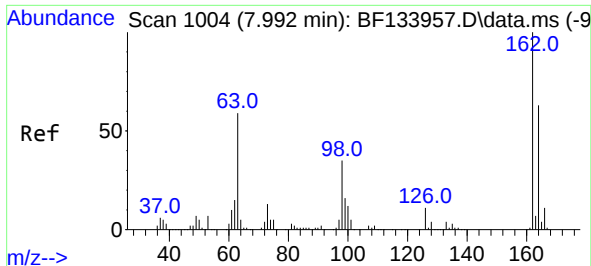


#28
bis(2-Chloroethoxy)methane
Concen: 41.535 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10



Tgt Ion: 93 Resp: 288387
Ion Ratio Lower Upper
93 100
95 31.7 26.5 39.7
123 11.7 9.1 13.7





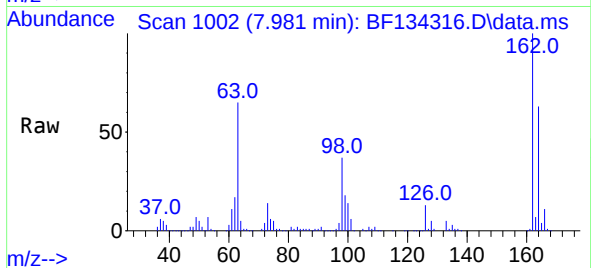
#29
2,4-Dichlorophenol
Concen: 43.856 ng
RT: 7.981 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

PB154180BS



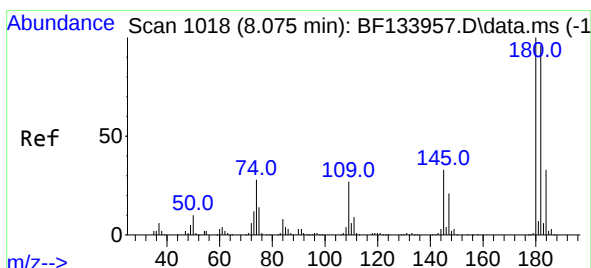
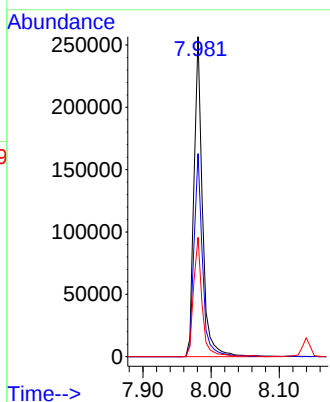
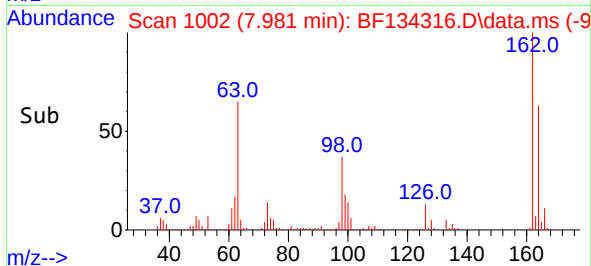
Tgt Ion:162 Resp: 22017
Ion Ratio Lower Upper
162 100
164 63.5 43.2 83.2
98 37.3 14.9 54.9

Manual Integrations

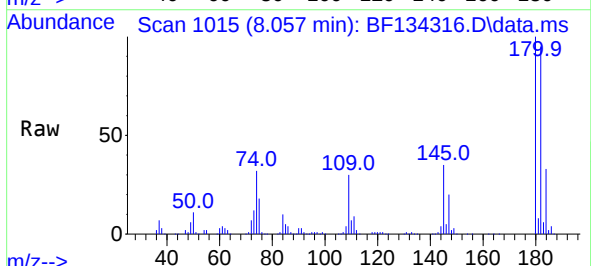
APPROVED

Reviewed By :Yogesh Patel 07/31/2023

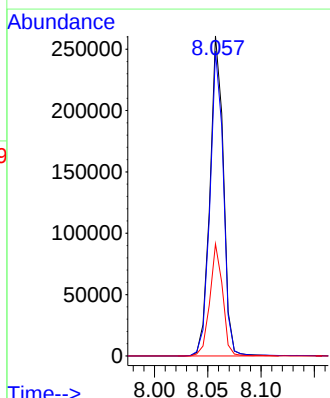
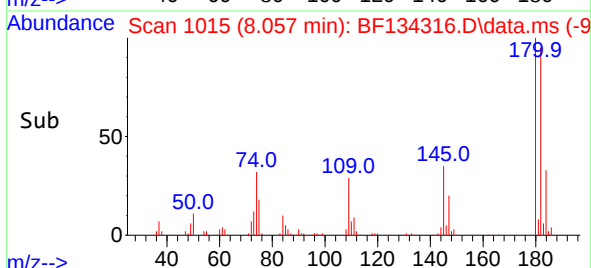
Supervised By :mohammad ahmed 07/31/2023

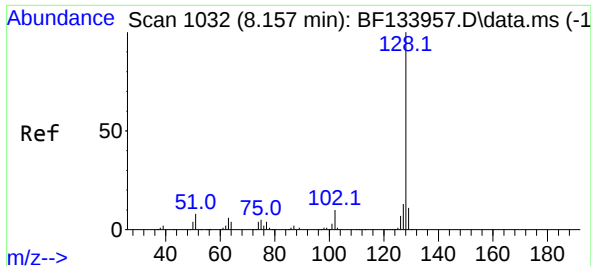


#30
1,2,4-Trichlorobenzene
Concen: 44.312 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10



Tgt Ion:180 Resp: 229545
Ion Ratio Lower Upper
180 100
182 95.2 77.1 115.7
145 35.0 26.0 39.0





#31
Naphthalene
Concen: 41.471 ng
RT: 8.140 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

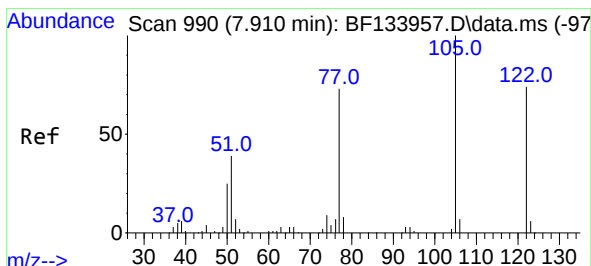
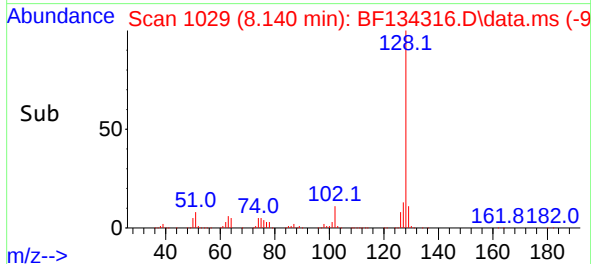
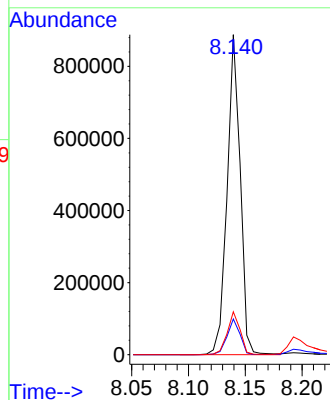
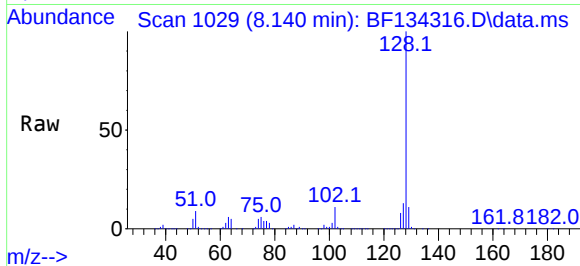
PB154180BS

Tgt Ion:128 Resp: 712439
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.4 10.6 15.8

Manual Integrations

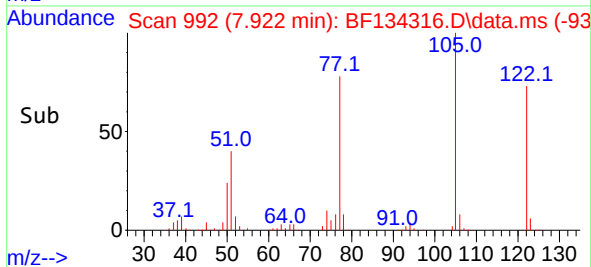
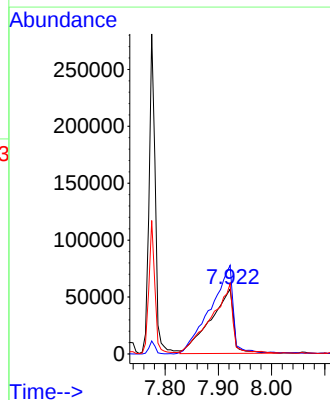
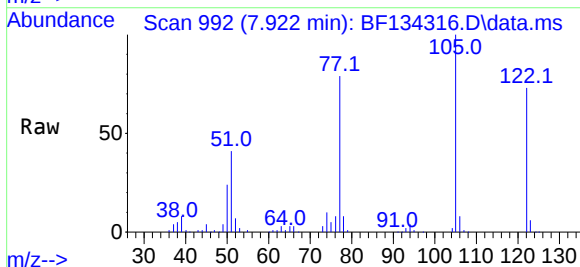
APPROVED

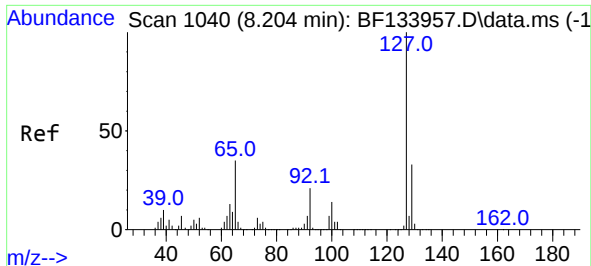
Reviewed By :Yogesh Patel 07/31/2023
Supervised By :mohammad ahmed 07/31/2023



#32
Benzoic acid
Concen: 45.652 ng
RT: 7.922 min Scan# 992
Delta R.T. 0.018 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

Tgt Ion:122 Resp: 173192
Ion Ratio Lower Upper
122 100
105 136.7 109.7 149.7
77 108.3 76.0 116.0





#33

4-Chloroaniline

Concen: 10.363 ng

RT: 8.192 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF134316.D

Acq: 17 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

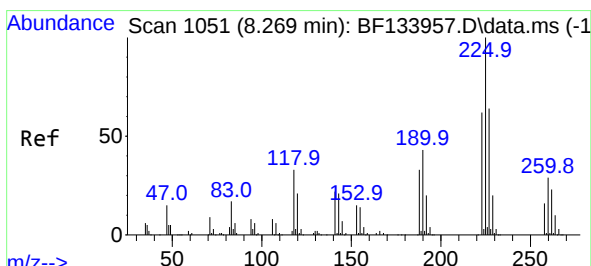
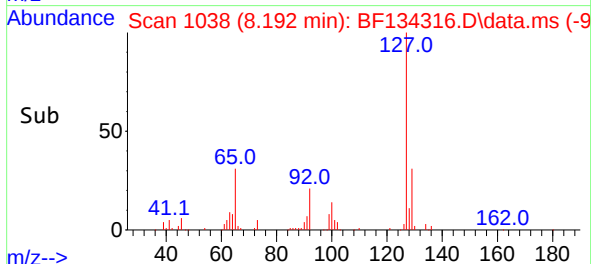
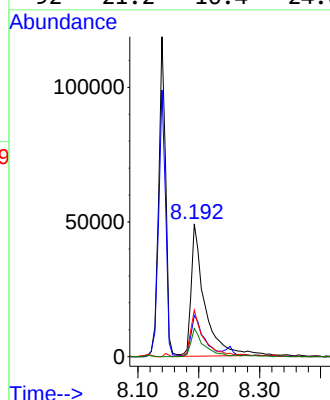
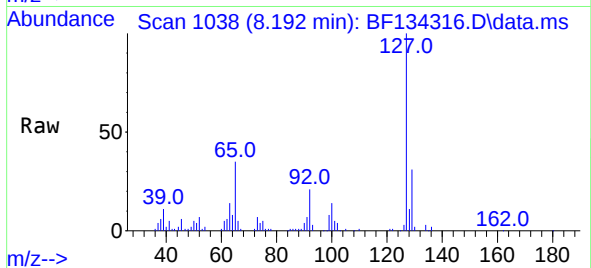
PB154180BS

Tgt Ion:	127	Resp:	7615
Ion Ratio	Lower	Upper	
127	100		
129	30.9	26.4	39.6
65	35.1	27.8	41.8
92	21.2	16.4	24.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/31/2023
Supervised By :mohammad ahmed 07/31/2023



#34

Hexachlorobutadiene

Concen: 45.701 ng

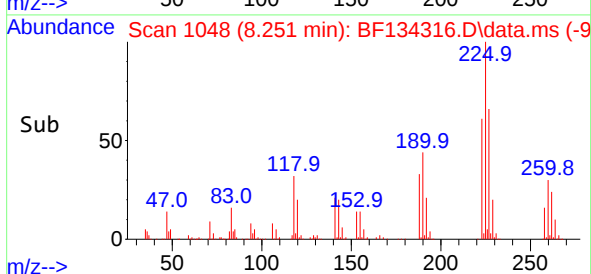
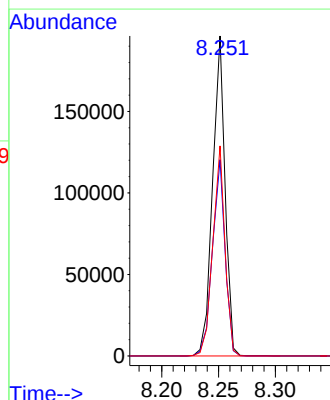
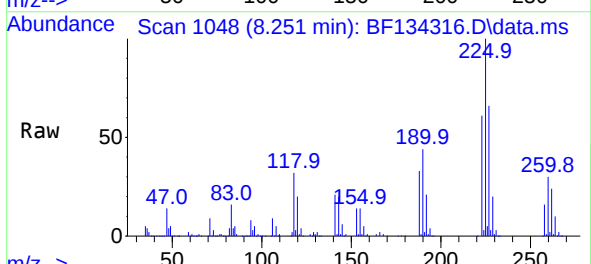
RT: 8.251 min Scan# 1048

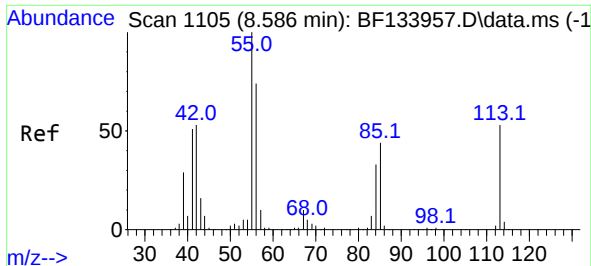
Delta R.T. -0.006 min

Lab File: BF134316.D

Acq: 17 Jul 2023 15:10

Tgt Ion:	225	Resp:	149338
Ion Ratio	Lower	Upper	
225	100		
223	61.3	49.8	74.8
227	65.7	51.0	76.4





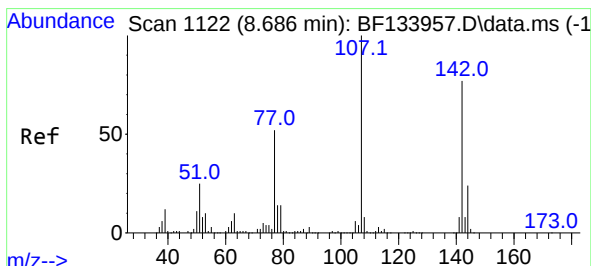
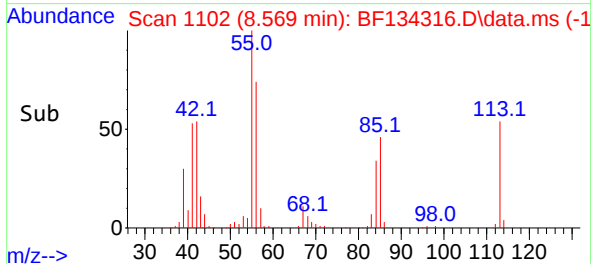
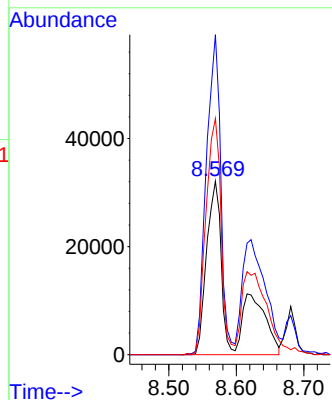
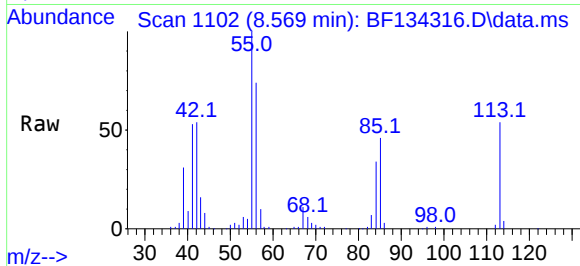
#35
Caprolactam
Concen: 44.828 ng m
RT: 8.569 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

Instrument :
BNA_F
ClientSampleId :
PB154180BS

Tgt Ion:113 Resp: 7410
Ion Ratio Lower Upper
113 100
55 184.4 170.2 210.2
56 136.1 121.4 161.4

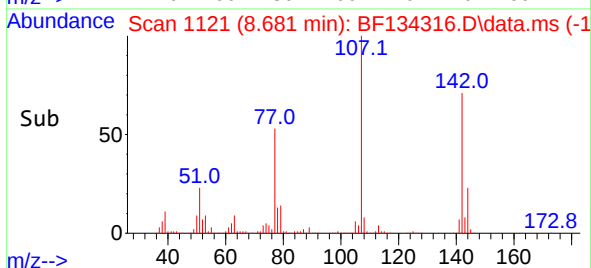
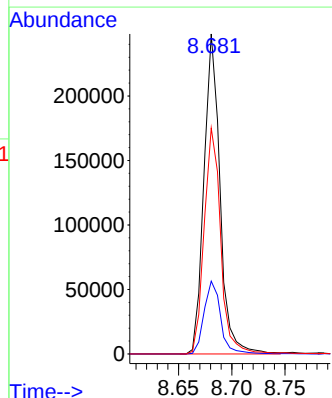
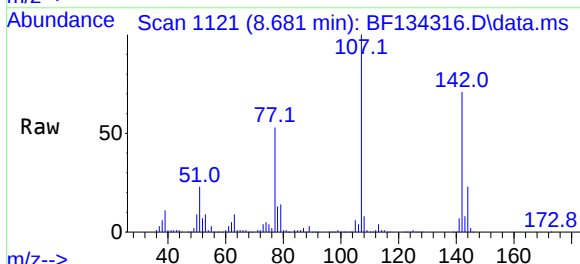
Manual Integrations
APPROVED

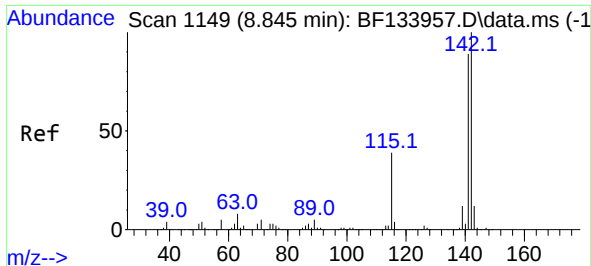
Reviewed By :Yogesh Patel 07/31/2023
Supervised By :mohammad ahmed 07/31/2023



#36
4-Chloro-3-methylphenol
Concen: 46.318 ng
RT: 8.681 min Scan# 1121
Delta R.T. 0.000 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

Tgt Ion:107 Resp: 261227
Ion Ratio Lower Upper
107 100
144 22.7 19.6 29.4
142 70.6 61.4 92.2





#37

2-Methylnaphthalene

Concen: 40.698 ng

RT: 8.828 min Scan# 1146

Delta R.T. -0.012 min

Lab File: BF134316.D

Acq: 17 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

PB154180BS

Tgt Ion:142 Resp: 49441

Ion Ratio Lower Upper

142 100

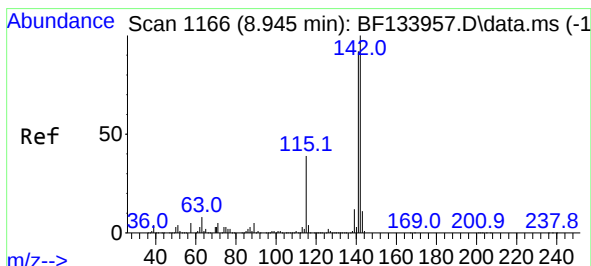
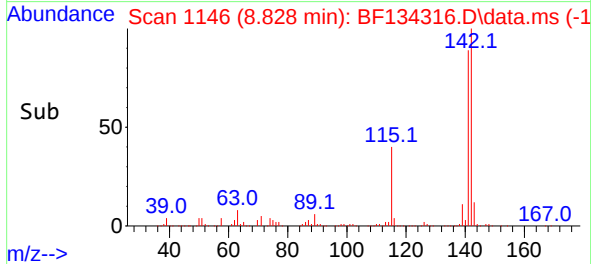
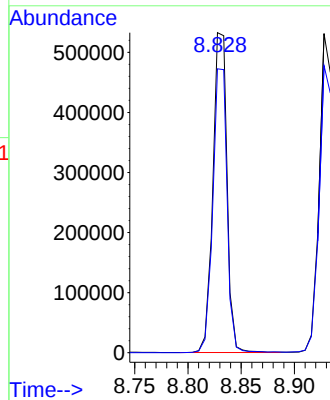
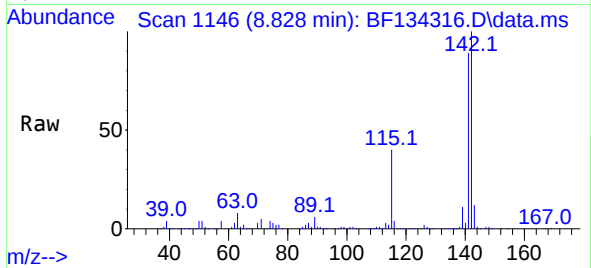
141 88.7 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/31/2023

Supervised By :mohammad ahmed 07/31/2023



#38

1-Methylnaphthalene

Concen: 41.016 ng

RT: 8.928 min Scan# 1163

Delta R.T. -0.012 min

Lab File: BF134316.D

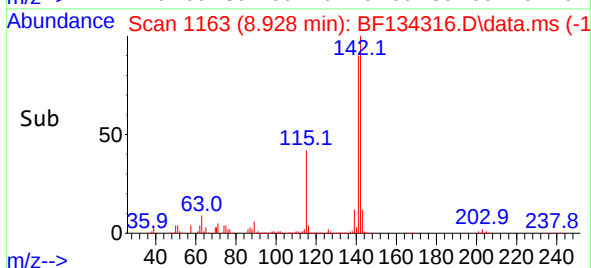
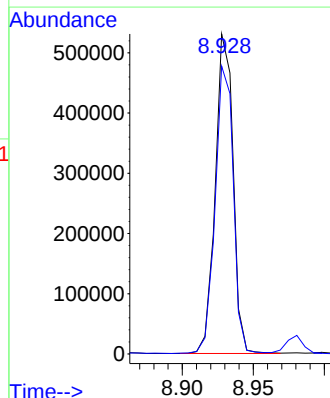
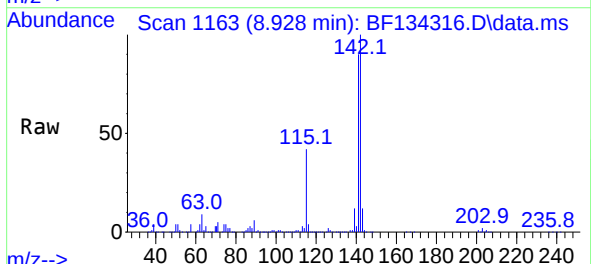
Acq: 17 Jul 2023 15:10

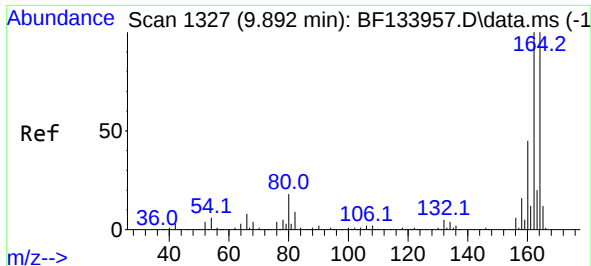
Tgt Ion:142 Resp: 463232

Ion Ratio Lower Upper

142 100

141 89.9 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134316.D

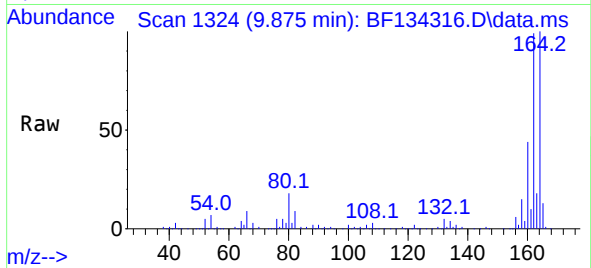
Acq: 17 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

PB154180BS



Tgt Ion:164 Resp: 19464

Ion Ratio Lower Upper

164 100

162 99.2 80.0 120.0

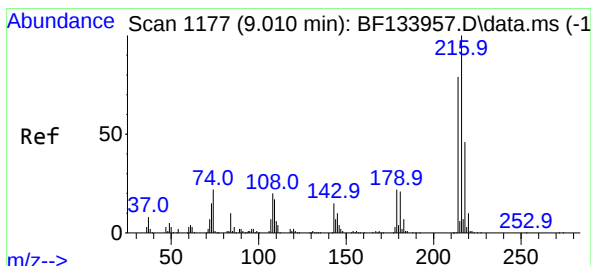
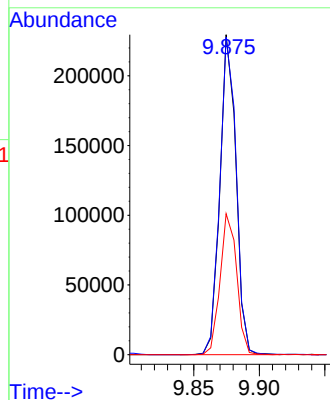
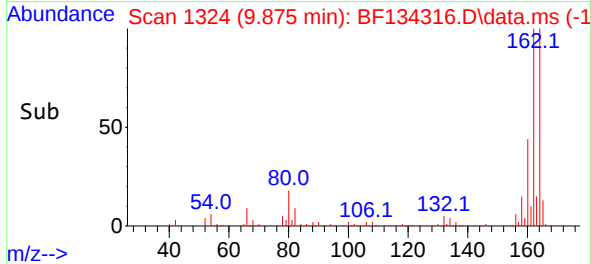
160 44.1 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/31/2023

Supervised By :mohammad ahmed 07/31/2023



#40

1,2,4,5-Tetrachlorobenzene

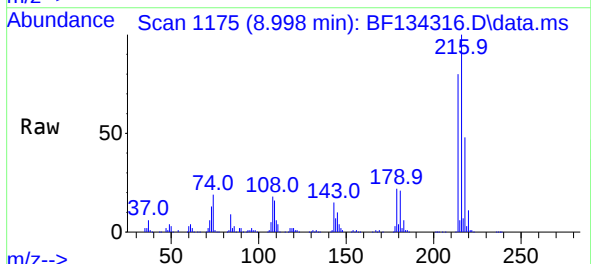
Concen: 42.768 ng

RT: 8.998 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF134316.D

Acq: 17 Jul 2023 15:10



Tgt Ion:216 Resp: 246623

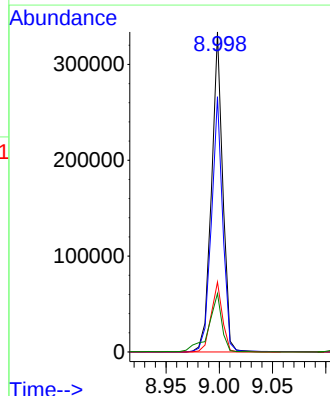
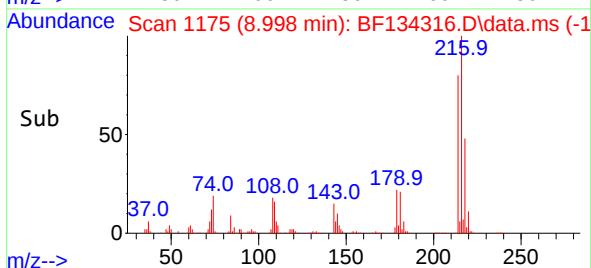
Ion Ratio Lower Upper

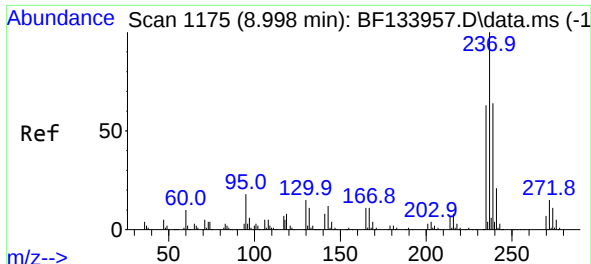
216 100

214 80.1 64.1 96.1

179 21.8 17.3 25.9

108 21.1 16.2 24.2





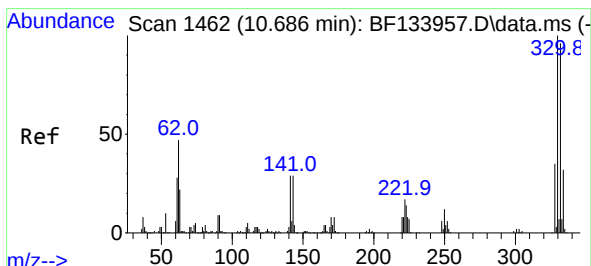
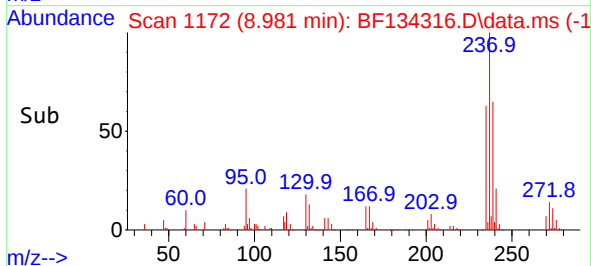
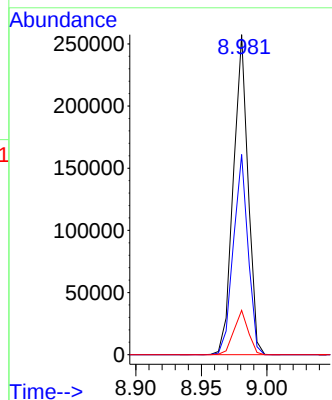
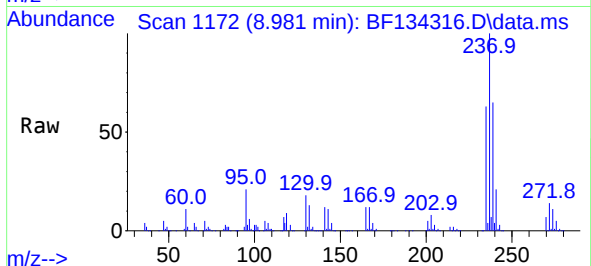
#41
Hexachlorocyclopentadiene
Concen: 73.500 ng
RT: 8.981 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

Instrument :
BNA_F
ClientSampleId :
PB154180BS

Tgt Ion:237 Resp: 201079
Ion Ratio Lower Upper
237 100
235 62.6 42.8 82.8
272 13.9 0.0 34.6

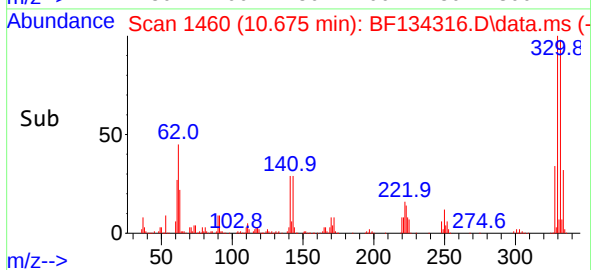
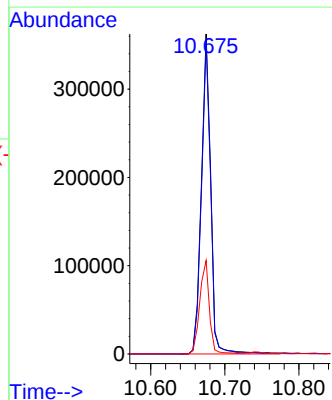
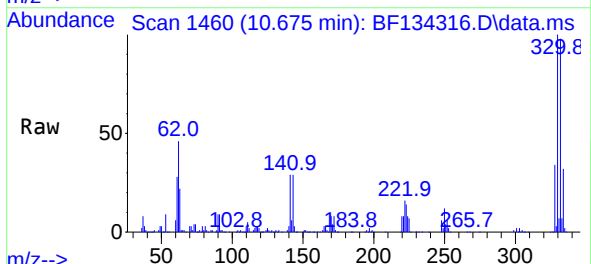
Manual Integrations
APPROVED

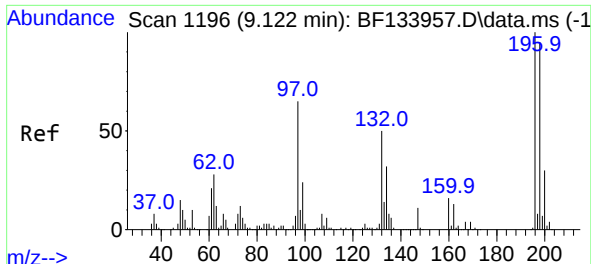
Reviewed By :Yogesh Patel 07/31/2023
Supervised By :mohammad ahmed 07/31/2023



#42
2,4,6-Tribromophenol
Concen: 130.036 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

Tgt Ion:330 Resp: 317343
Ion Ratio Lower Upper
330 100
332 95.6 77.0 115.6
141 29.8 26.3 39.5





#43
2,4,6-Trichlorophenol
Concen: 41.495 ng
RT: 9.116 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

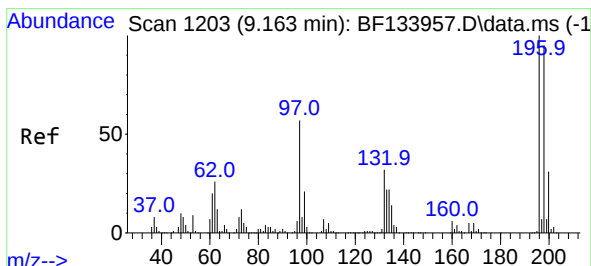
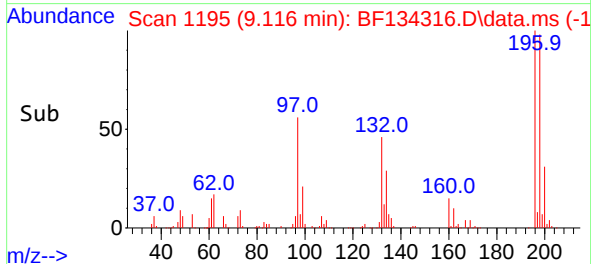
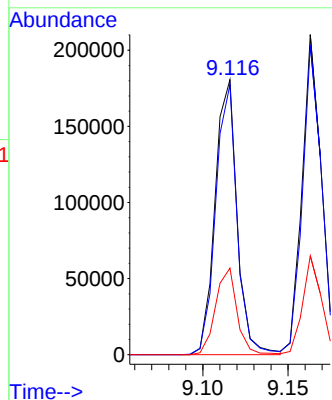
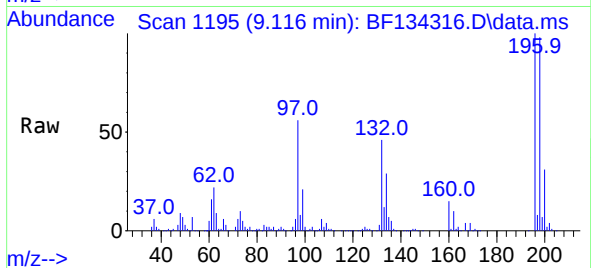
PB154180BS

Tgt Ion:196 Resp: 16289
Ion Ratio Lower Upper
196 100
198 98.2 75.6 113.4
200 31.5 24.4 36.6

Manual Integrations

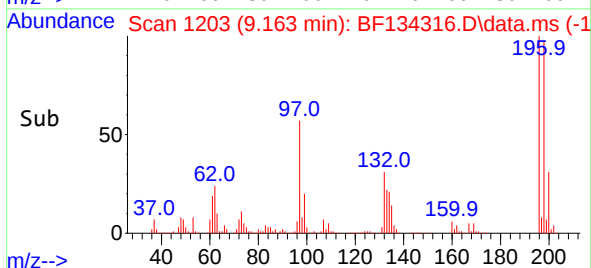
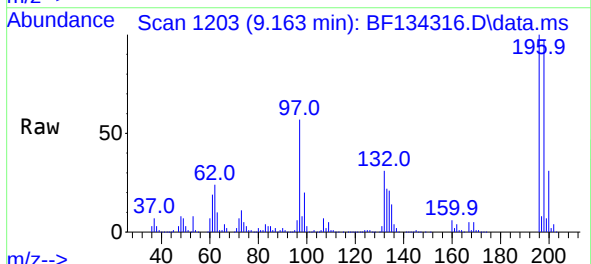
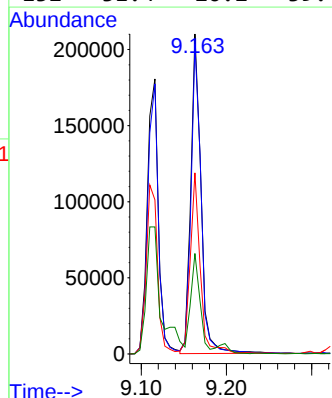
APPROVED

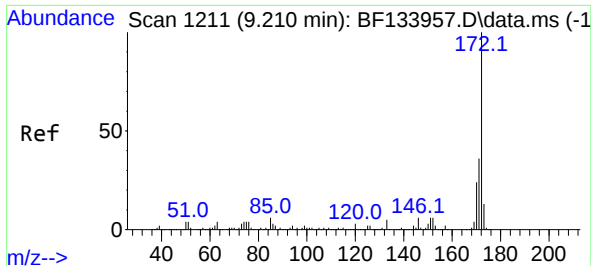
Reviewed By :Yogesh Patel 07/31/2023
Supervised By :mohammad ahmed 07/31/2023



#44
2,4,5-Trichlorophenol
Concen: 37.828 ng
RT: 9.163 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

Tgt Ion:196 Resp: 174673
Ion Ratio Lower Upper
196 100
198 96.8 75.7 113.5
97 56.6 45.8 68.6
132 31.4 26.2 39.4





#45
2-Fluorobiphenyl
Concen: 80.019 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

Instrument :

BNA_F

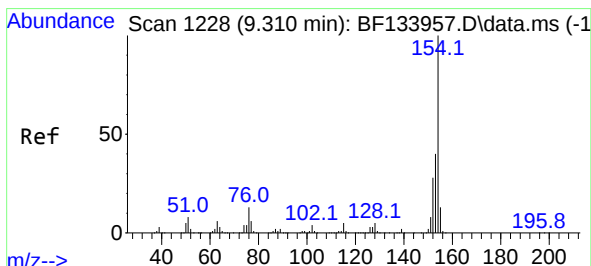
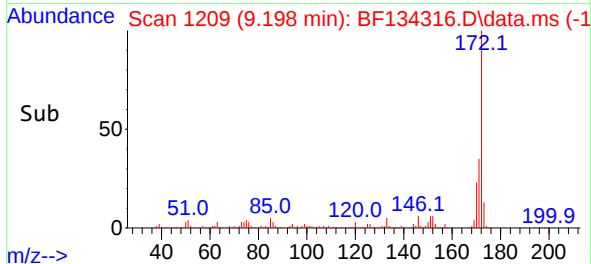
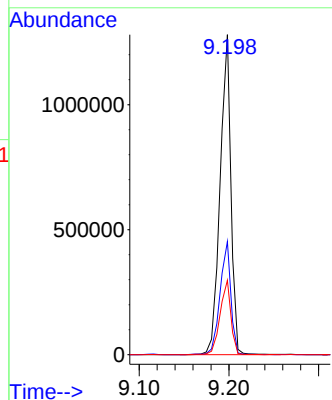
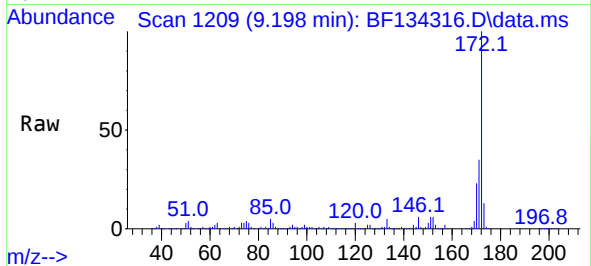
ClientSampleId :

PB154180BS

Tgt Ion:172 Resp: 107126
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.3 19.4 29.0

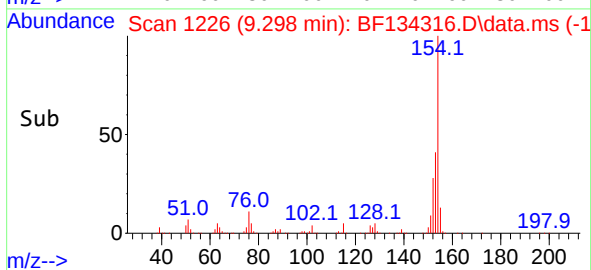
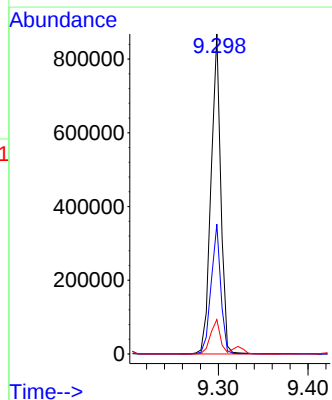
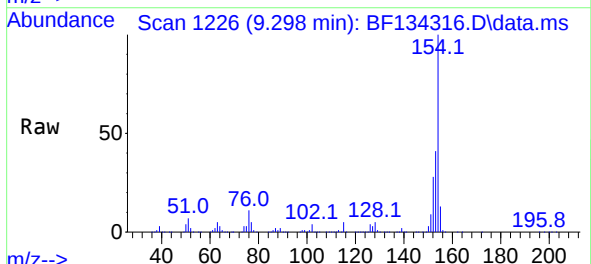
Manual Integrations
APPROVED

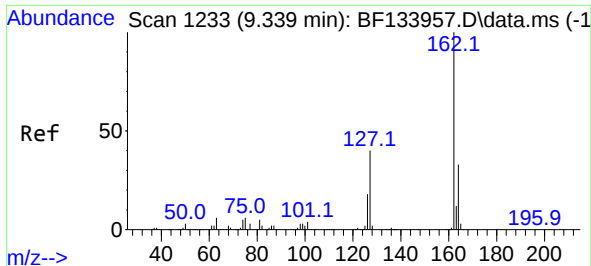
Reviewed By :Yogesh Patel 07/31/2023
Supervised By :mohammad ahmed 07/31/2023



#46
1,1'-Biphenyl
Concen: 42.037 ng
RT: 9.298 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

Tgt Ion:154 Resp: 656342
Ion Ratio Lower Upper
154 100
153 40.6 19.8 59.8
76 10.7 0.0 32.9





#47
2-Chloronaphthalene
Concen: 41.653 ng
RT: 9.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

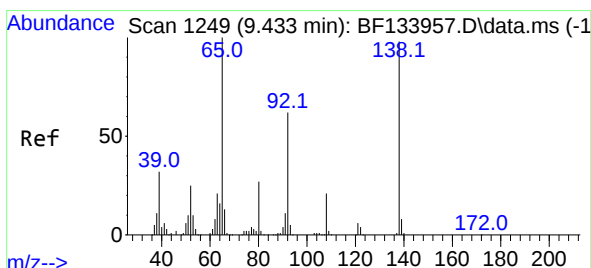
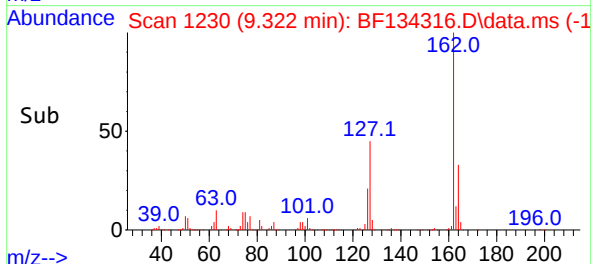
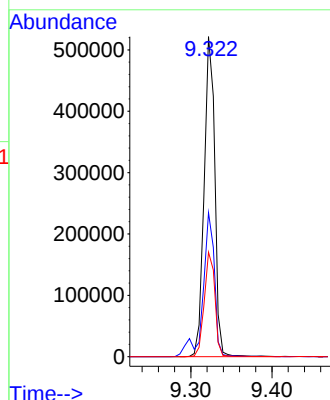
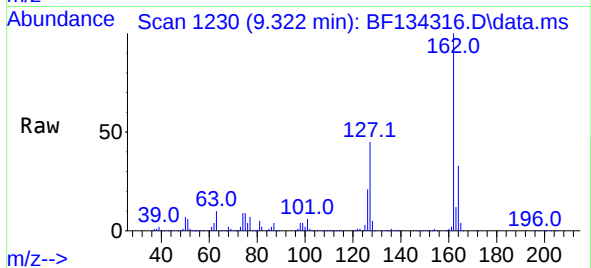
PB154180BS

Tgt Ion:162 Resp: 47584
Ion Ratio Lower Upper
162 100
127 45.0 32.9 49.3
164 32.6 26.1 39.1

Manual Integrations

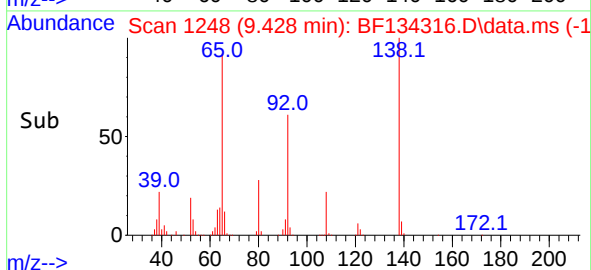
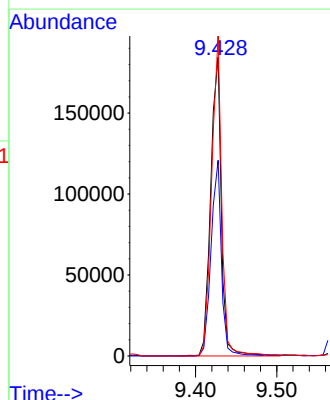
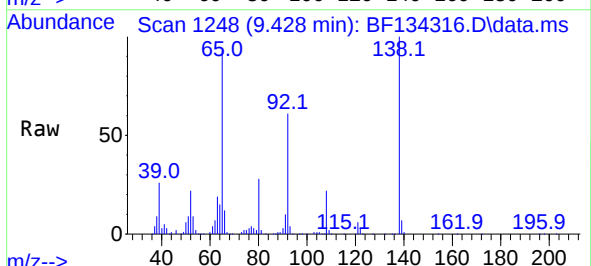
APPROVED

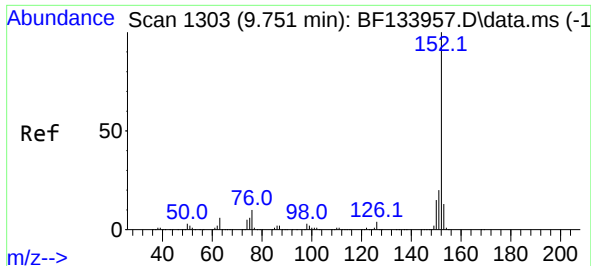
Reviewed By :Yogesh Patel 07/31/2023
Supervised By :mohammad ahmed 07/31/2023



#48
2-Nitroaniline
Concen: 40.562 ng
RT: 9.428 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

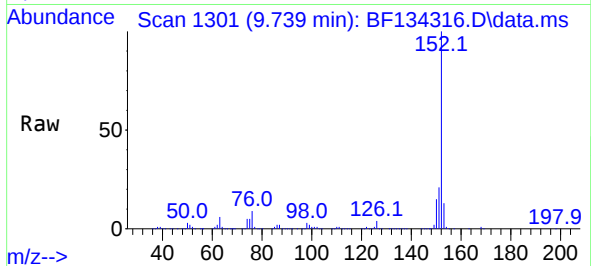
Tgt Ion: 65 Resp: 168876
Ion Ratio Lower Upper
65 100
92 65.5 49.5 74.3
138 107.1 78.0 117.0





#49
Acenaphthylene
Concen: 39.588 ng
RT: 9.739 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

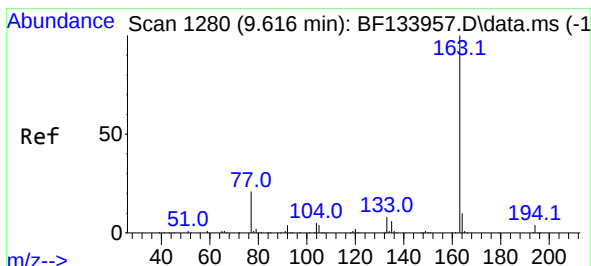
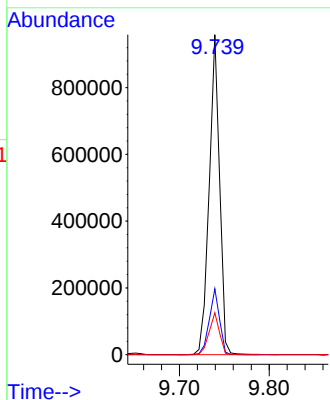
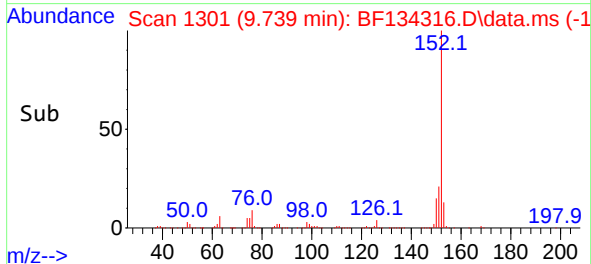
Instrument :
BNA_F
ClientSampleId :
PB154180BS



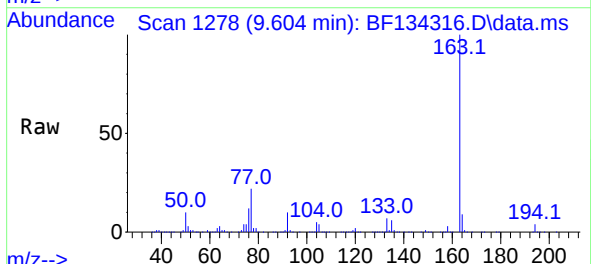
Tgt Ion:152 Resp: 772560
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.2
153 13.1 10.8 16.2

Manual Integrations
APPROVED

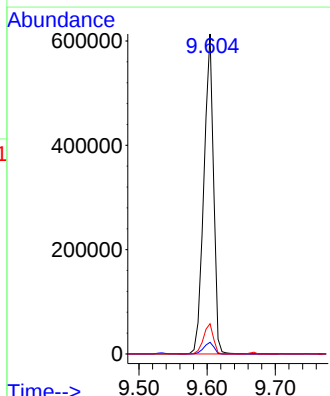
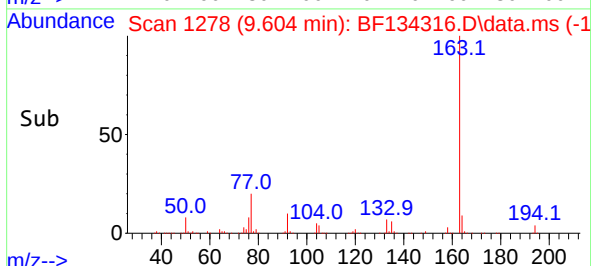
Reviewed By :Yogesh Patel 07/31/2023
Supervised By :mohammad ahmed 07/31/2023

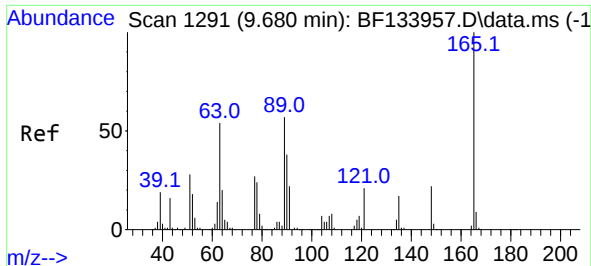


#50
Dimethylphthalate
Concen: 42.679 ng
RT: 9.604 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10



Tgt Ion:163 Resp: 603018
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 9.5 8.2 12.2





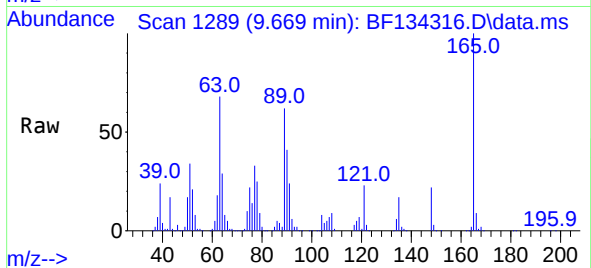
#51
2,6-Dinitrotoluene
Concen: 42.784 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

PB154180BS

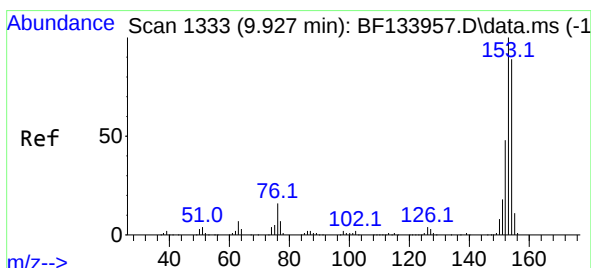
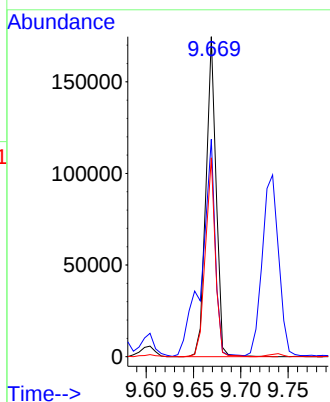
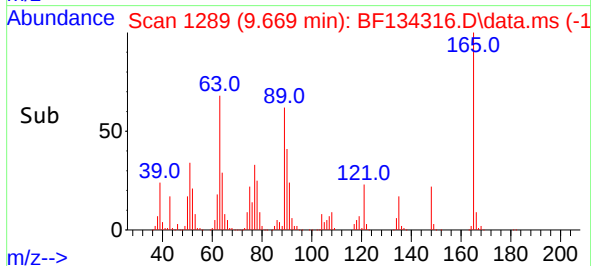


Tgt Ion:165 Resp: 130199
Ion Ratio Lower Upper
165 100
63 67.9 48.5 72.7
89 62.2 45.5 68.3

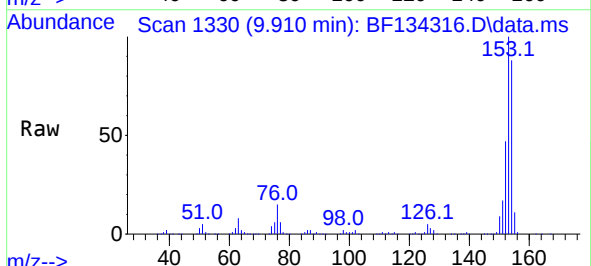
Manual Integrations

APPROVED

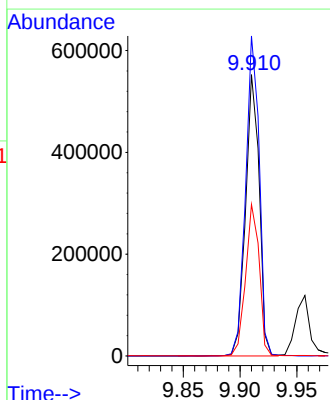
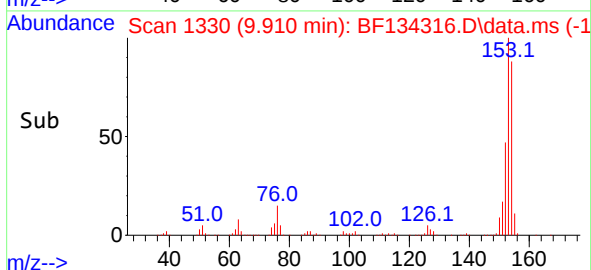
Reviewed By :Yogesh Patel 07/31/2023
Supervised By :mohammad ahmed 07/31/2023

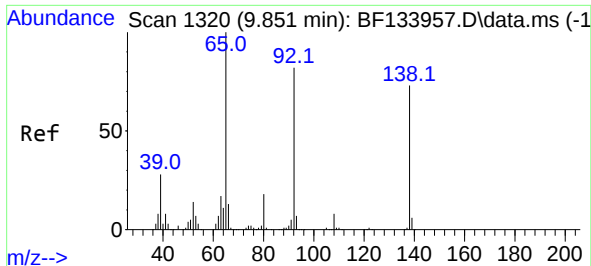


#52
Acenaphthene
Concen: 40.848 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10



Tgt Ion:154 Resp: 462545
Ion Ratio Lower Upper
154 100
153 113.8 89.4 134.2
152 53.9 42.8 64.2





#53
3-Nitroaniline
Concen: 22.870 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

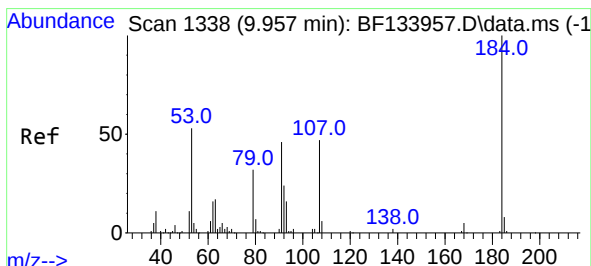
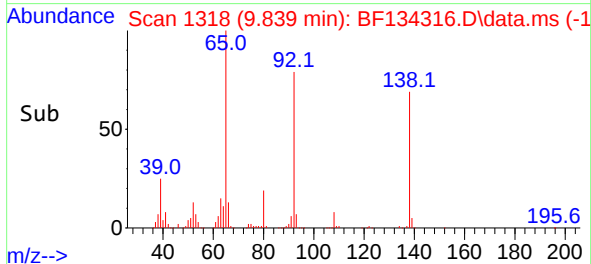
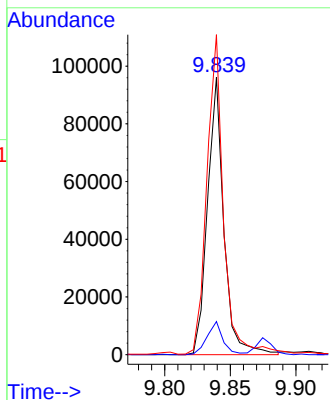
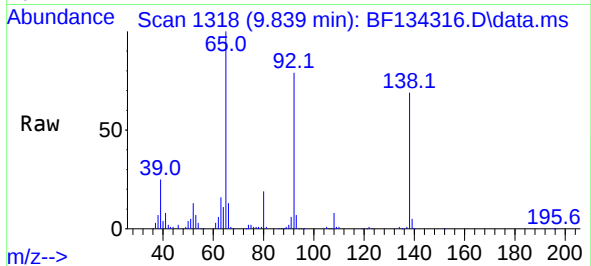
PB154180BS

Tgt Ion:138 Resp: 8349
Ion Ratio Lower Upper
138 100
108 11.9 8.4 12.6
92 115.4 90.1 135.1

Manual Integrations

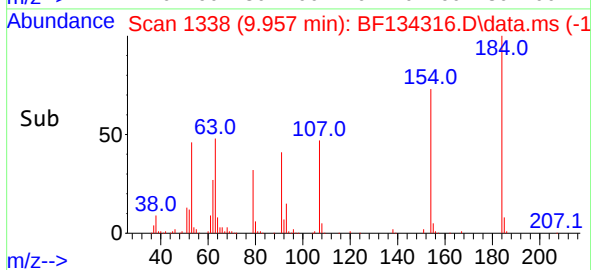
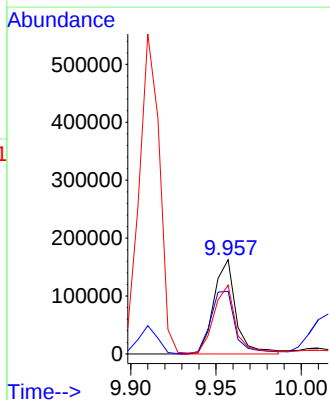
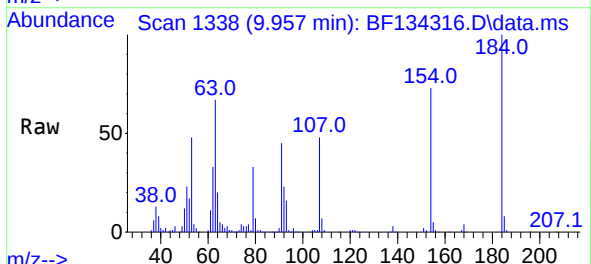
APPROVED

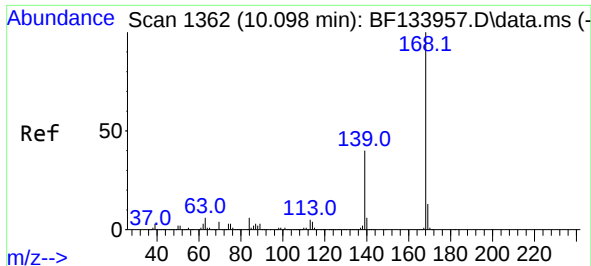
Reviewed By :Yogesh Patel 07/31/2023
Supervised By :mohammad ahmed 07/31/2023



#54
2,4-Dinitrophenol
Concen: 83.317 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

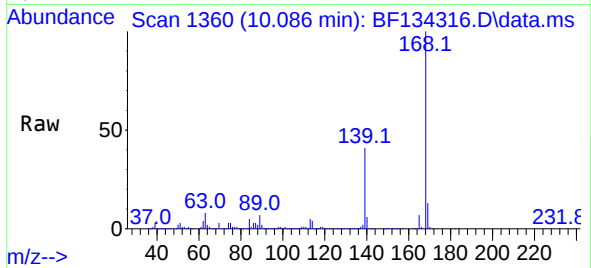
Tgt Ion:184 Resp: 146722
Ion Ratio Lower Upper
184 100
63 66.6 56.9 85.3
154 72.9 55.4 83.0





#55
Dibenzenofuran
Concen: 40.275 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

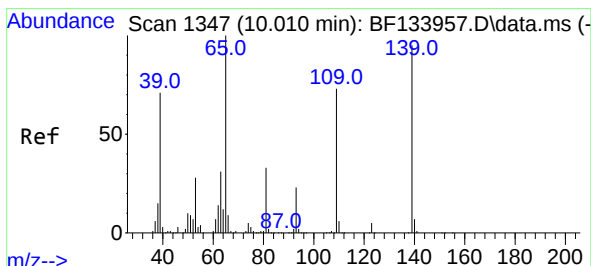
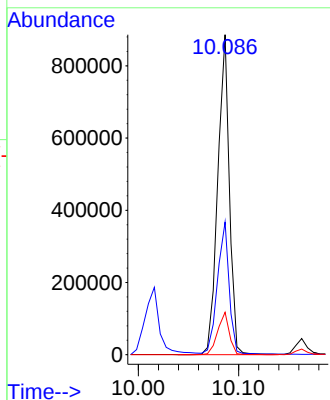
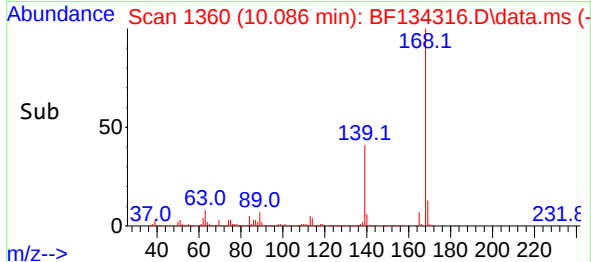
Instrument :
BNA_F
ClientSampleId :
PB154180BS



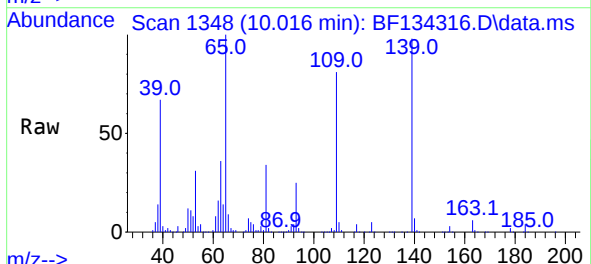
Tgt Ion:168 Resp: 712748
Ion Ratio Lower Upper
168 100
139 41.4 32.0 48.0
169 13.2 10.6 16.0

Manual Integrations
APPROVED

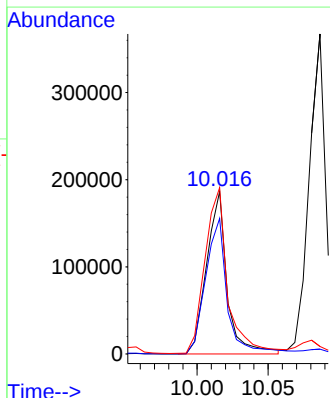
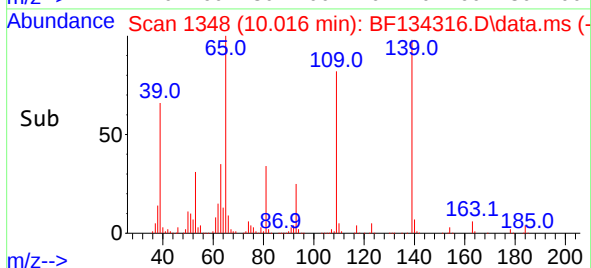
Reviewed By :Yogesh Patel 07/31/2023
Supervised By :mohammad ahmed 07/31/2023

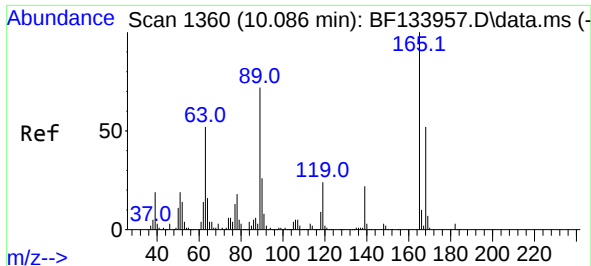


#56
4-Nitrophenol
Concen: 73.361 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10



Tgt Ion:139 Resp: 187342
Ion Ratio Lower Upper
139 100
109 83.4 56.8 96.8
65 102.3 86.1 126.1





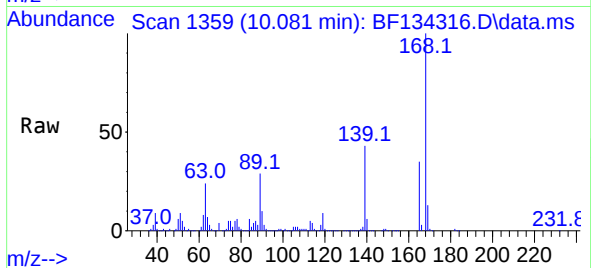
#57
2,4-Dinitrotoluene
Concen: 42.362 ng
RT: 10.081 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

PB154180BS

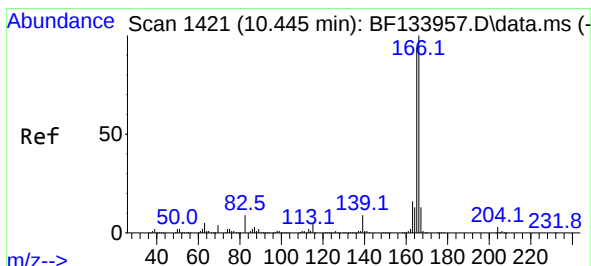
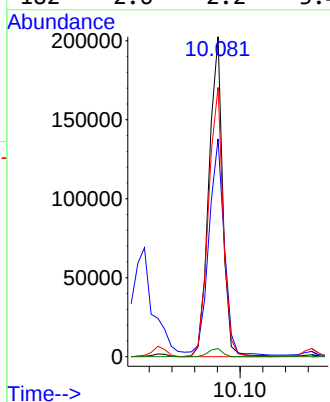
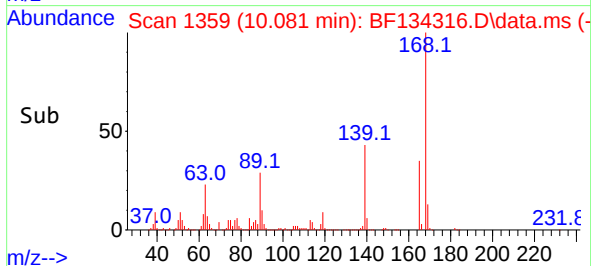


Tgt Ion:165 Resp: 170250
Ion Ratio Lower Upper
165 100
63 68.1 42.2 63.2
89 84.1 57.4 86.2
182 2.6 2.2 3.4

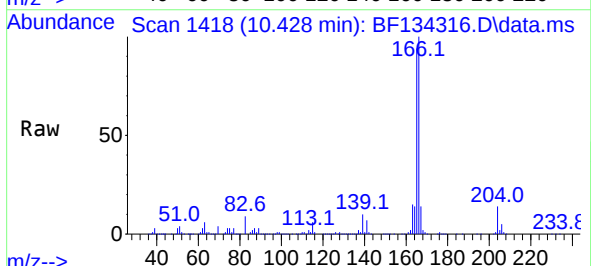
Manual Integrations

APPROVED

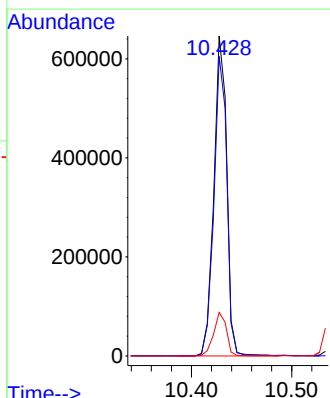
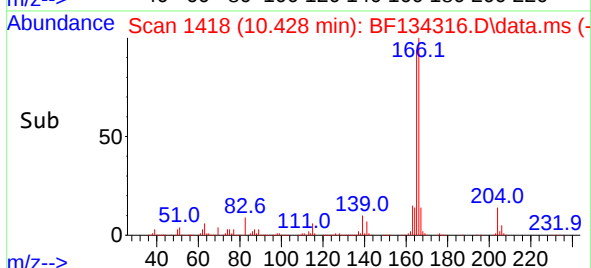
Reviewed By :Yogesh Patel 07/31/2023
Supervised By :mohammad ahmed 07/31/2023

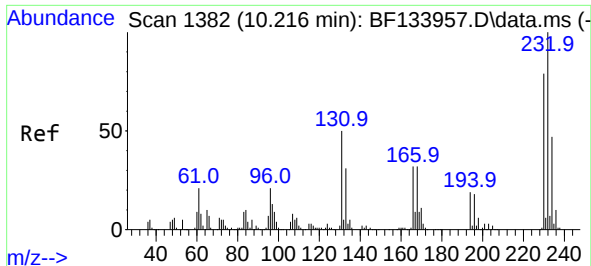


#58
Fluorene
Concen: 41.707 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10



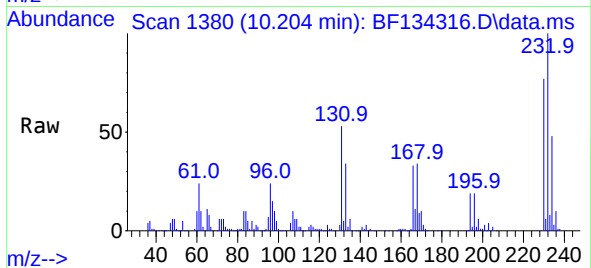
Tgt Ion:166 Resp: 574215
Ion Ratio Lower Upper
166 100
165 93.6 75.0 112.4
167 13.6 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.902 ng
RT: 10.204 min Scan# 1380
Delta R.T. -0.006 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

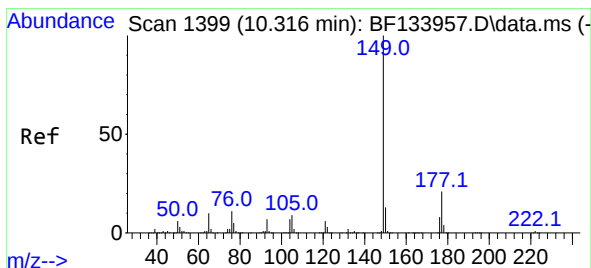
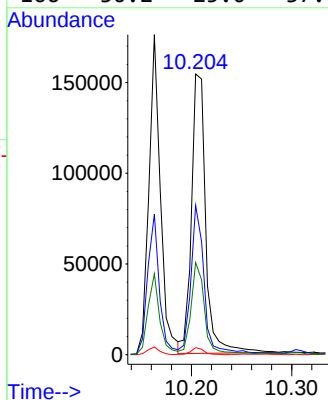
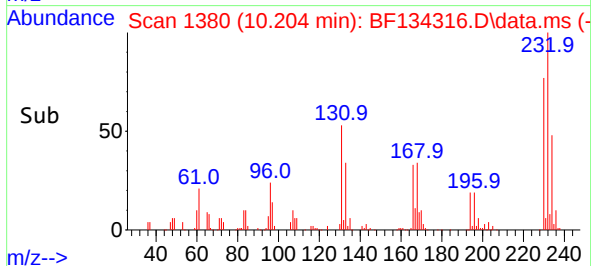
Instrument :
BNA_F
ClientSampleId :
PB154180BS



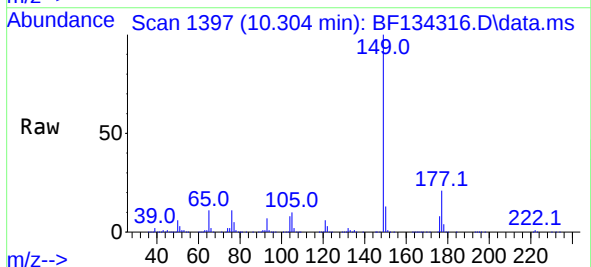
Tgt Ion:232 Resp: 152620
Ion Ratio Lower Upper
232 100
131 50.1 39.3 58.9
130 2.4 1.8 2.6
166 30.2 25.0 37.6

Manual Integrations
APPROVED

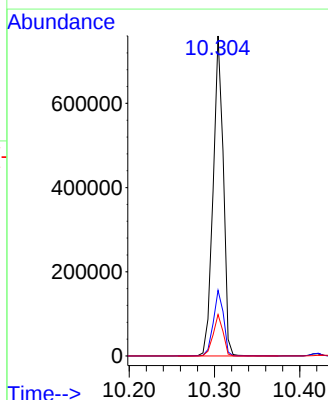
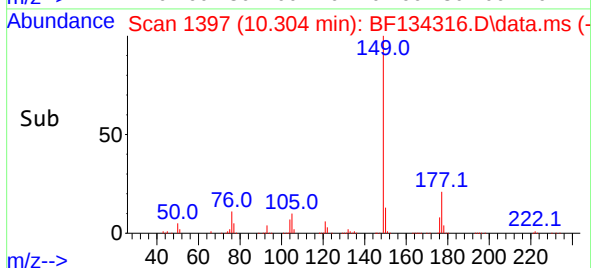
Reviewed By :Yogesh Patel 07/31/2023
Supervised By :mohammad ahmed 07/31/2023

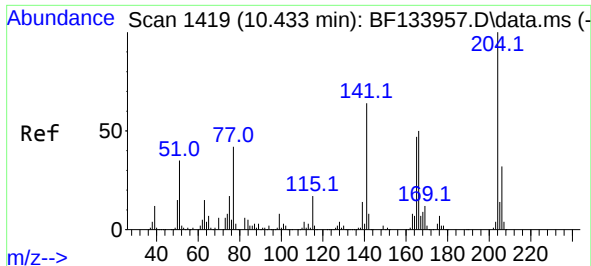


#60
Diethylphthalate
Concen: 42.780 ng
RT: 10.304 min Scan# 1397
Delta R.T. 0.000 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10



Tgt Ion:149 Resp: 629731
Ion Ratio Lower Upper
149 100
177 20.5 17.0 25.6
150 13.0 10.2 15.2





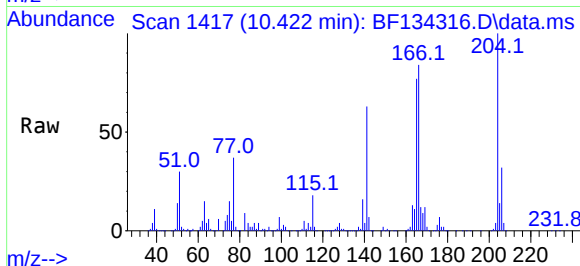
#61
4-Chlorophenyl-phenylether
Concen: 43.047 ng
RT: 10.422 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

PB154180BS

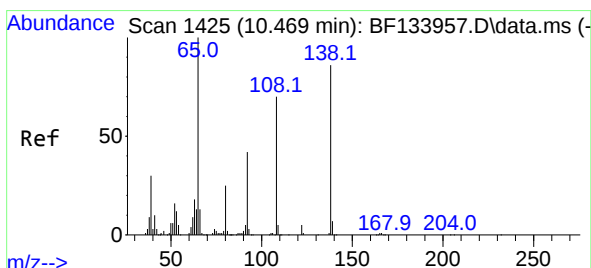
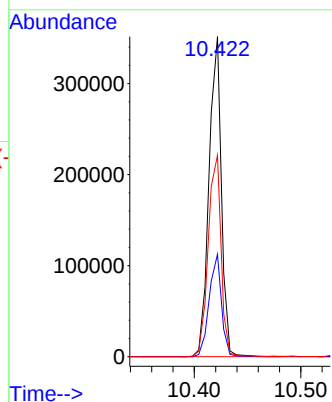
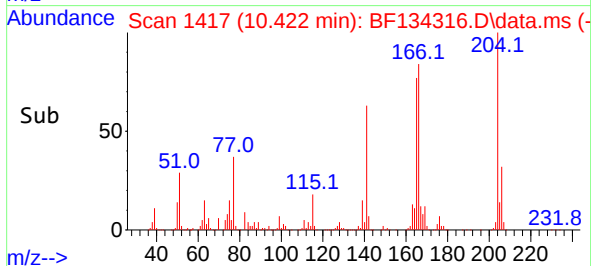


Tgt Ion:204 Resp: 285620
Ion Ratio Lower Upper
204 100
206 32.0 25.8 38.6
141 62.9 51.5 77.3

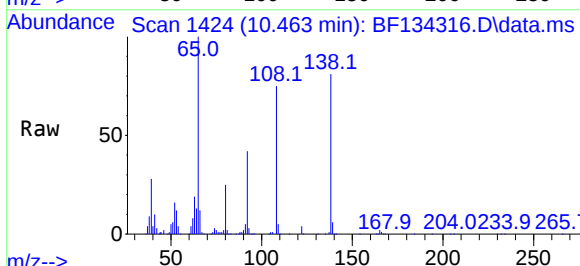
Manual Integrations

APPROVED

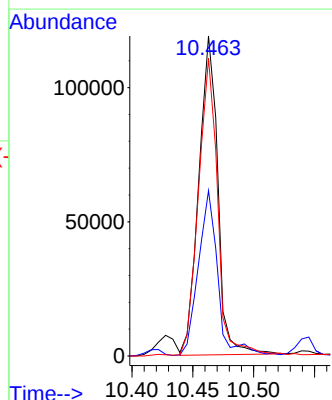
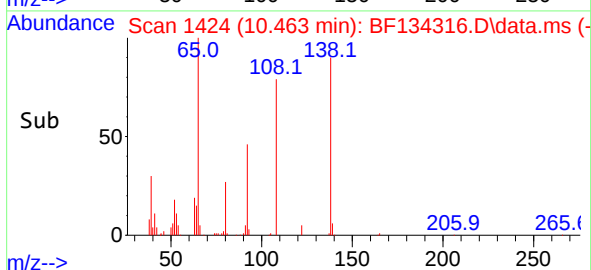
Reviewed By :Yogesh Patel 07/31/2023
Supervised By :mohammad ahmed 07/31/2023

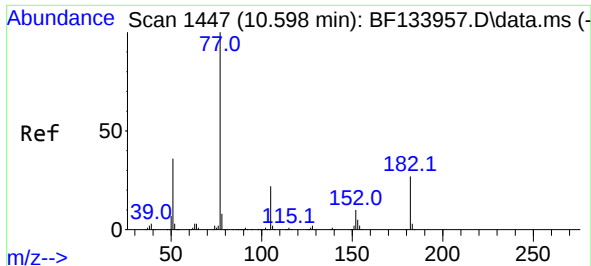


#62
4-Nitroaniline
Concen: 35.146 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10



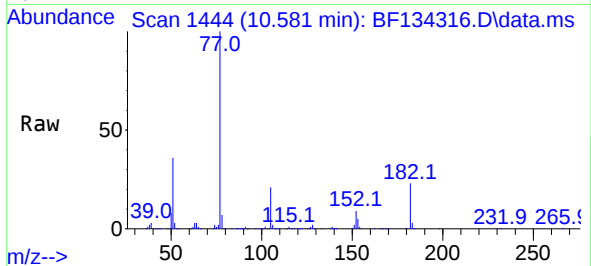
Tgt Ion:138 Resp: 129311
Ion Ratio Lower Upper
138 100
92 51.6 29.7 69.7
108 93.1 62.1 102.1





#63
Azobenzene
Concen: 41.075 ng
RT: 10.581 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

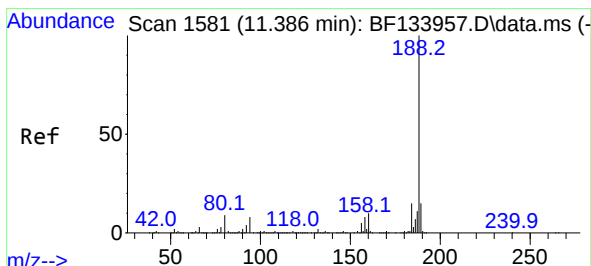
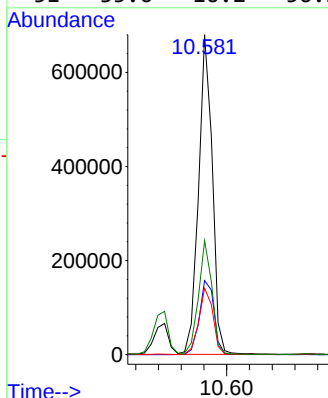
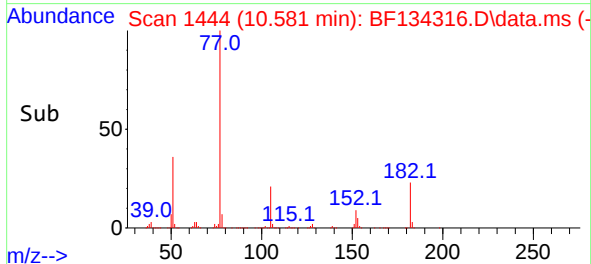
Instrument :
BNA_F
ClientSampleId :
PB154180BS



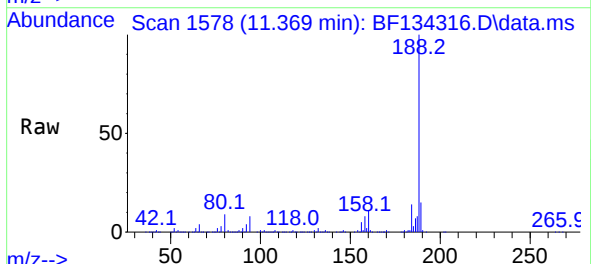
Tgt Ion: 77 Resp: 57194
Ion Ratio Lower Upper
77 100
182 23.2 6.8 46.8
105 20.8 2.3 42.3
51 35.6 16.2 56.2

Manual Integrations
APPROVED

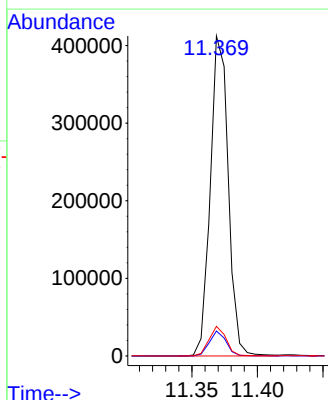
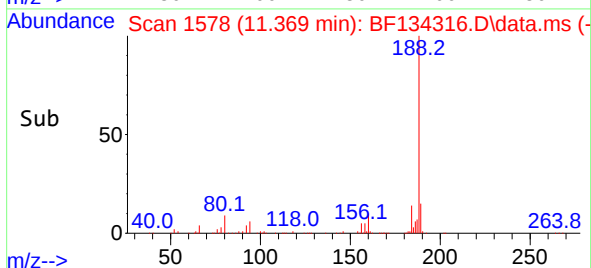
Reviewed By :Yogesh Patel 07/31/2023
Supervised By :mohammad ahmed 07/31/2023

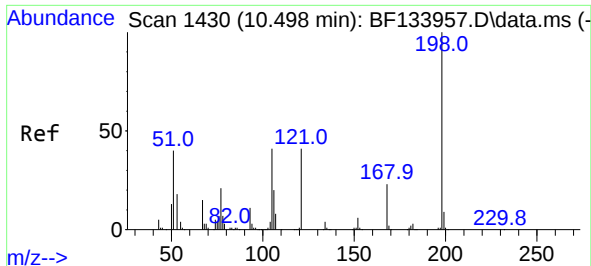


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10



Tgt Ion:188 Resp: 392806
Ion Ratio Lower Upper
188 100
94 7.8 6.4 9.6
80 9.3 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 46.493 ng
RT: 10.492 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

Instrument :

BNA_F

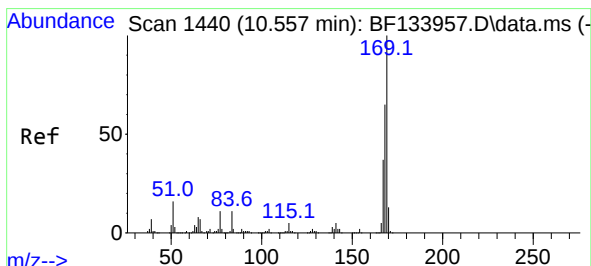
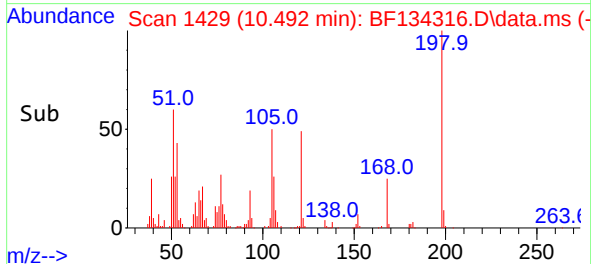
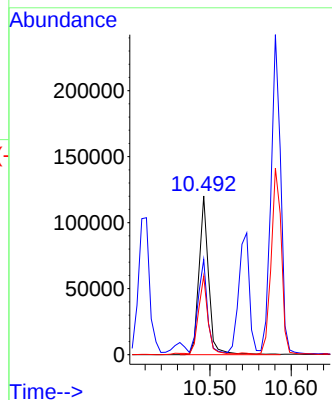
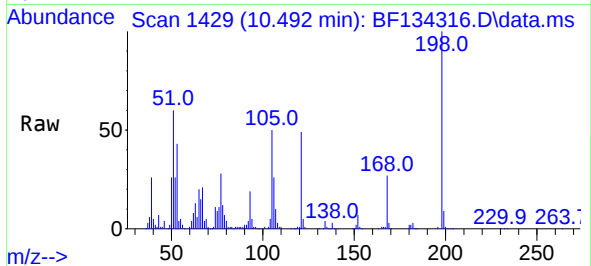
ClientSampleId :

PB154180BS

Tgt Ion:198 Resp: 9956
Ion Ratio Lower Upper
198 100
51 60.0 29.3 69.3
105 49.6 22.4 62.4

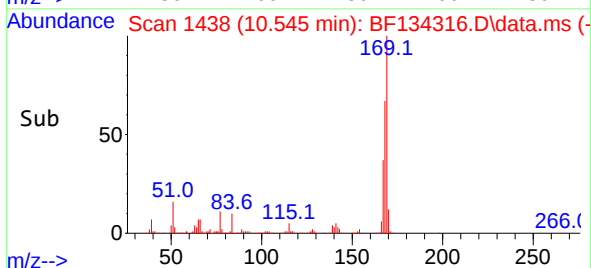
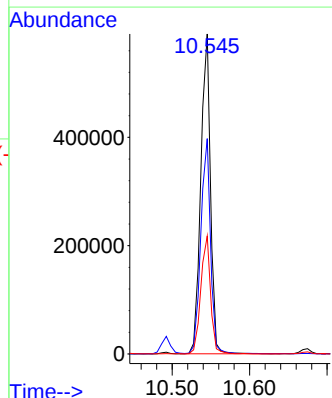
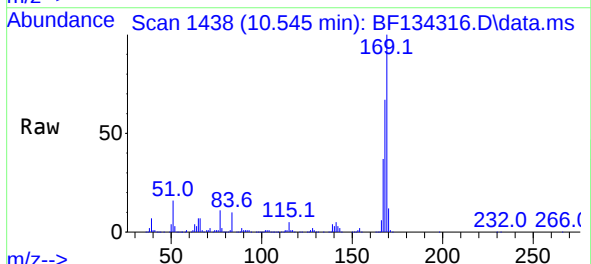
Manual Integrations
APPROVED

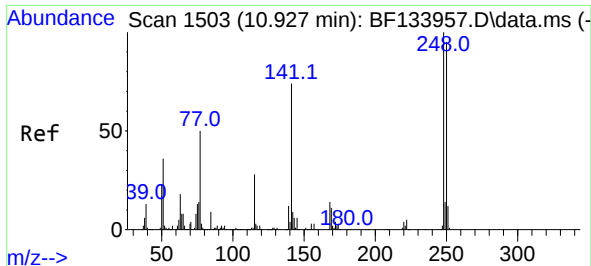
Reviewed By :Yogesh Patel 07/31/2023
Supervised By :mohammad ahmed 07/31/2023



#66
n-Nitrosodiphenylamine
Concen: 40.881 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

Tgt Ion:169 Resp: 513068
Ion Ratio Lower Upper
169 100
168 67.3 52.3 78.5
167 36.9 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 42.817 ng
RT: 10.910 min Scan# 1510
Delta R.T. -0.006 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

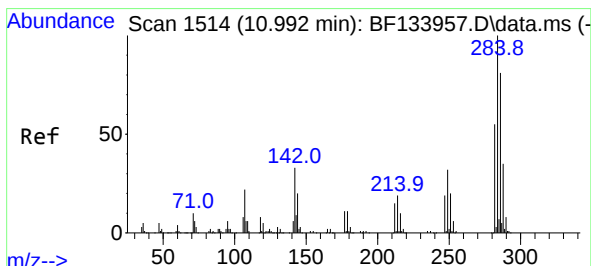
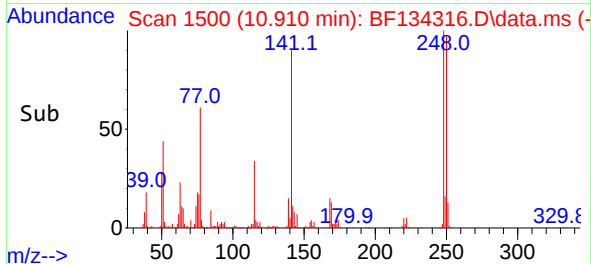
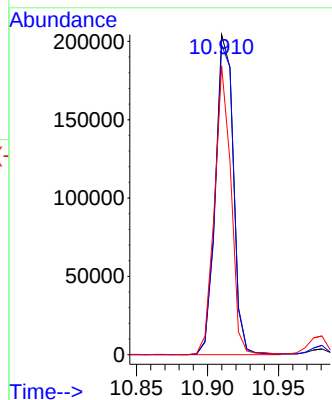
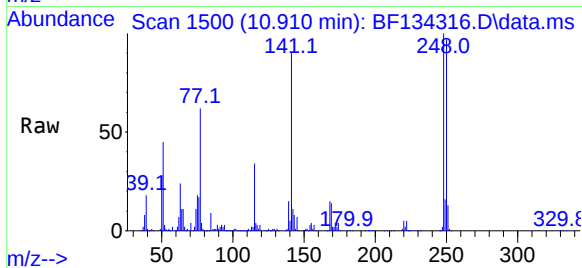
PB154180BS

Tgt Ion:248 Resp: 17876
Ion Ratio Lower Upper
248 100
250 96.7 76.2 114.4
141 90.3 59.0 88.4

Manual Integrations

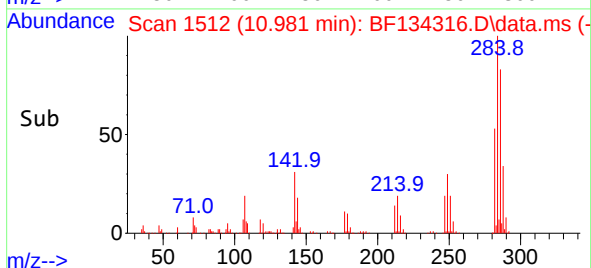
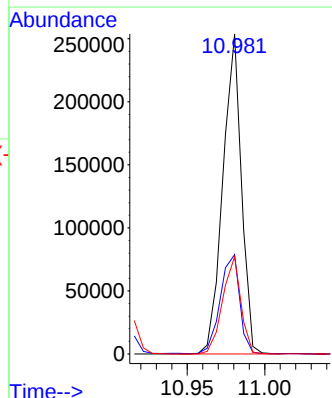
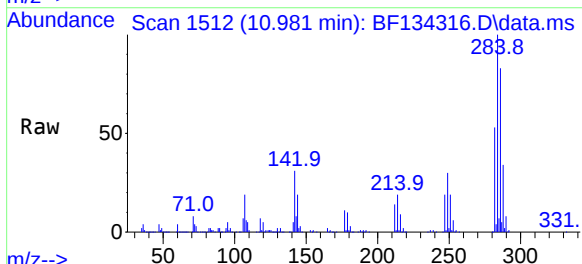
APPROVED

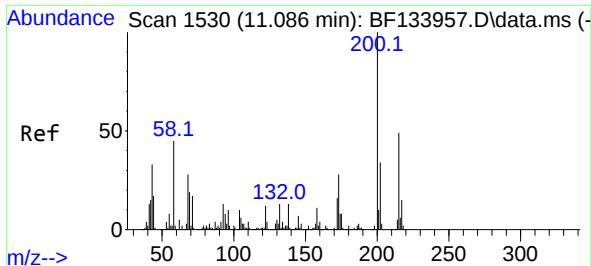
Reviewed By :Yogesh Patel 07/31/2023
Supervised By :mohammad ahmed 07/31/2023



#68
Hexachlorobenzene
Concen: 47.576 ng
RT: 10.981 min Scan# 1512
Delta R.T. -0.006 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

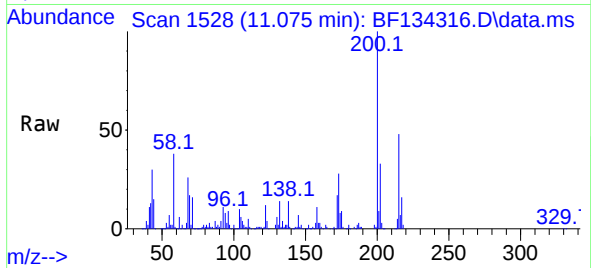
Tgt Ion:284 Resp: 210902
Ion Ratio Lower Upper
284 100
142 31.0 26.6 40.0
249 30.4 25.5 38.3





#69
Atrazine
Concen: 32.441 ng
RT: 11.075 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

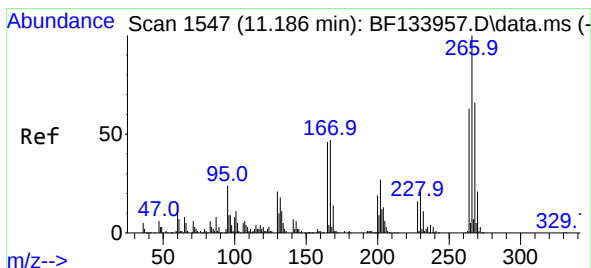
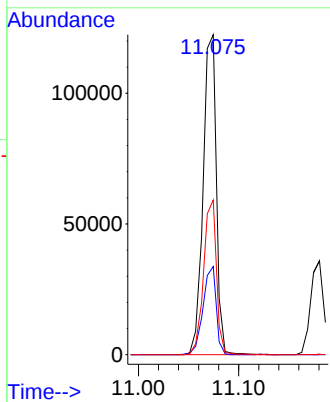
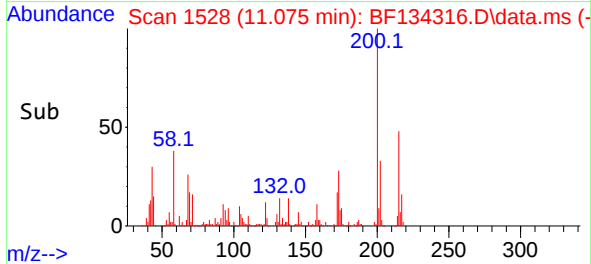
Instrument :
BNA_F
ClientSampleId :
PB154180BS



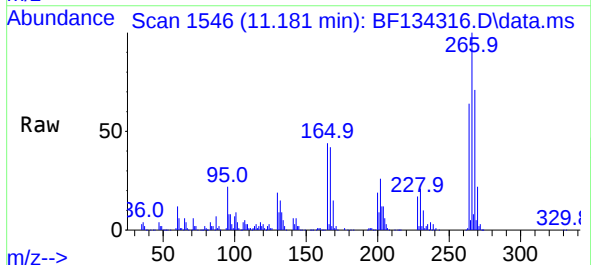
Tgt Ion:200 Resp: 112619
Ion Ratio Lower Upper
200 100
173 27.5 8.0 48.0
215 48.4 29.3 69.3

Manual Integrations
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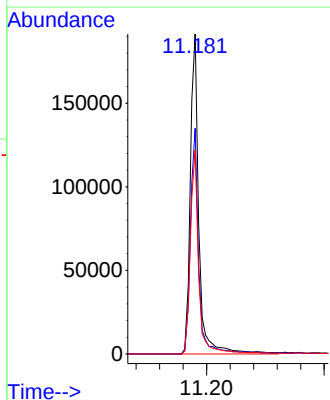
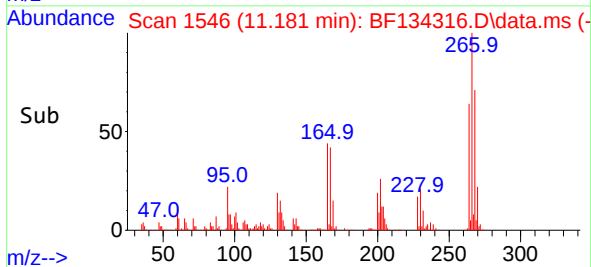
Reviewed By :Yogesh Patel 07/31/2023
Supervised By :mohammad ahmed 07/31/2023

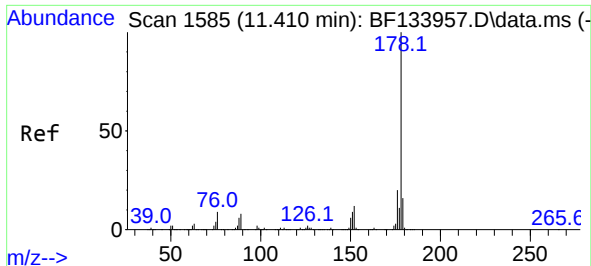


#70
Pentachlorophenol
Concen: 72.790 ng
RT: 11.181 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10



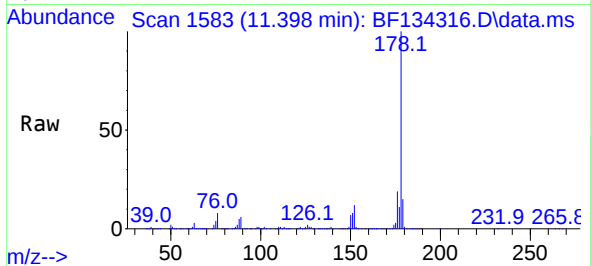
Tgt Ion:266 Resp: 192932
Ion Ratio Lower Upper
266 100
268 70.5 52.6 79.0
264 63.8 50.6 76.0





#71
Phenanthrene
Concen: 42.083 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

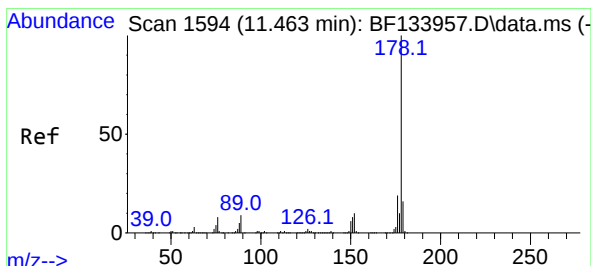
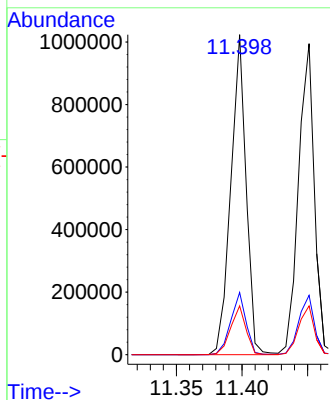
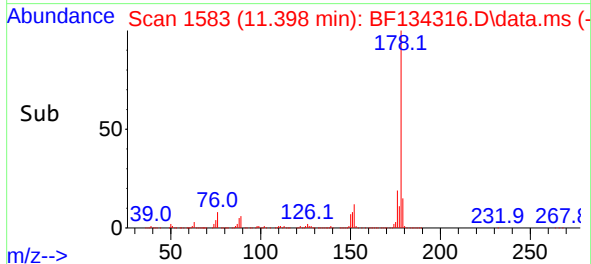
Instrument :
BNA_F
ClientSampleId :
PB154180BS



Tgt Ion:178 Resp: 832180
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 15.3 12.4 18.6

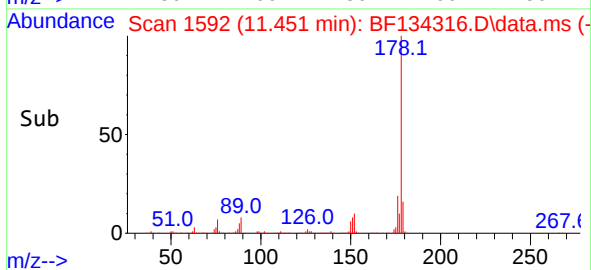
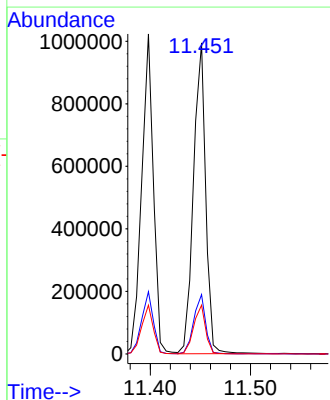
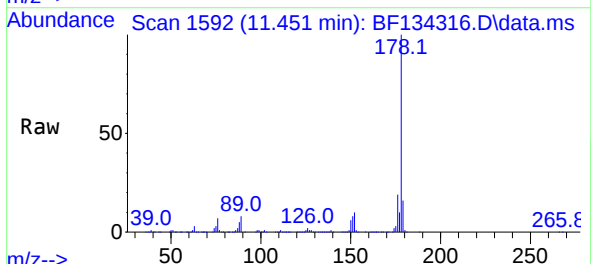
Manual Integrations
APPROVED

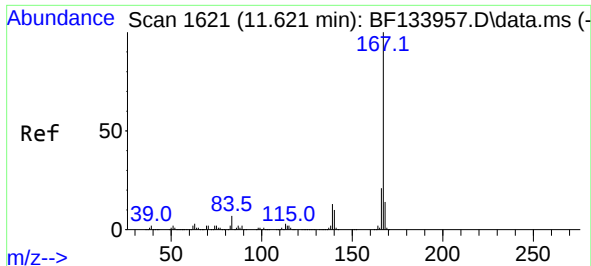
Reviewed By :Yogesh Patel 07/31/2023
Supervised By :mohammad ahmed 07/31/2023



#72
Anthracene
Concen: 40.856 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

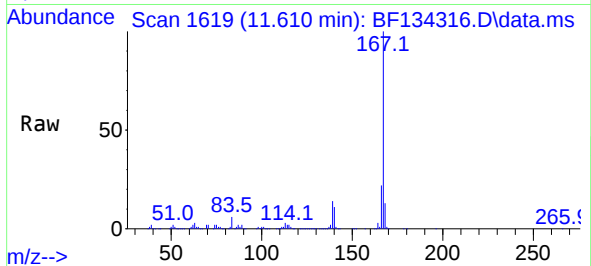
Tgt Ion:178 Resp: 840320
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.7 12.4 18.6





#73
Carbazole
Concen: 42.721 ng
RT: 11.610 min Scan# 1619
Delta R.T. -0.006 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

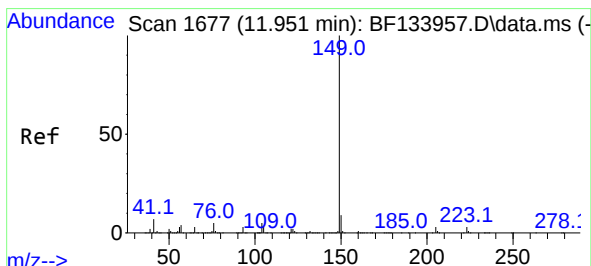
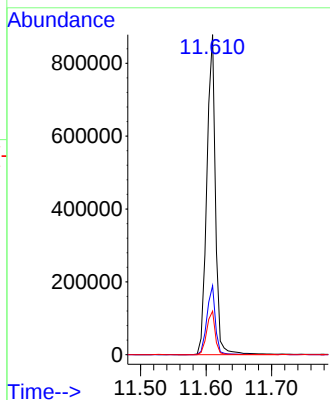
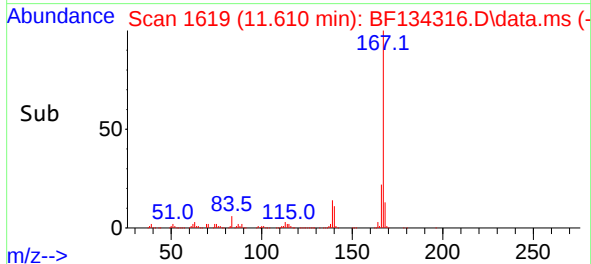
Instrument :
BNA_F
ClientSampleId :
PB154180BS



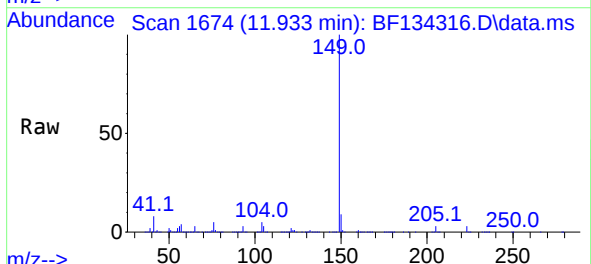
Tgt Ion:167 Resp: 804258
Ion Ratio Lower Upper
167 100
166 21.6 17.0 25.6
139 13.6 10.4 15.6

Manual Integrations
APPROVED

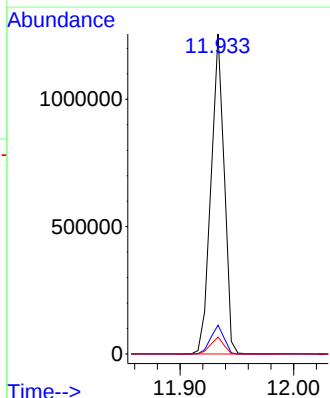
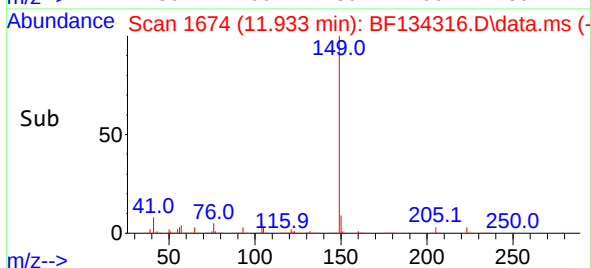
Reviewed By :Yogesh Patel 07/31/2023
Supervised By :mohammad ahmed 07/31/2023

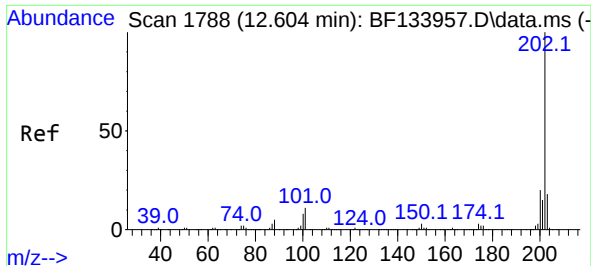


#74
Di-n-butylphthalate
Concen: 45.261 ng
RT: 11.933 min Scan# 1674
Delta R.T. -0.006 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10



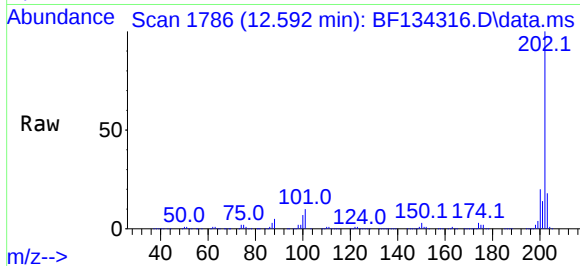
Tgt Ion:149 Resp: 1013277
Ion Ratio Lower Upper
149 100
150 9.0 7.1 10.7
104 5.3 4.0 6.0





#75
Fluoranthene
Concen: 43.413 ng
RT: 12.592 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

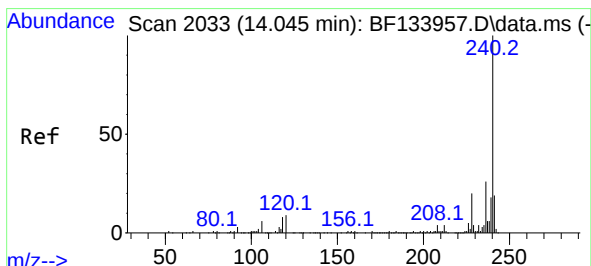
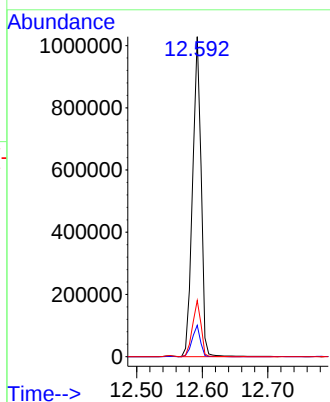
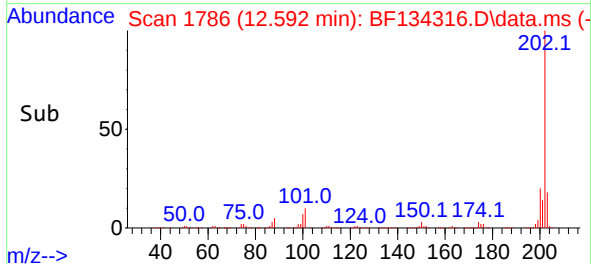
Instrument :
BNA_F
ClientSampleId :
PB154180BS



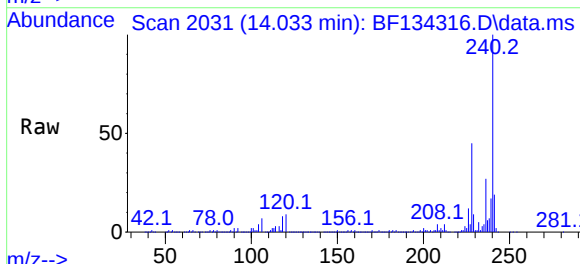
Tgt Ion:202 Resp: 92808
Ion Ratio Lower Upper
202 100
101 9.8 0.0 31.0
203 17.6 0.0 37.6

Manual Integrations
APPROVED

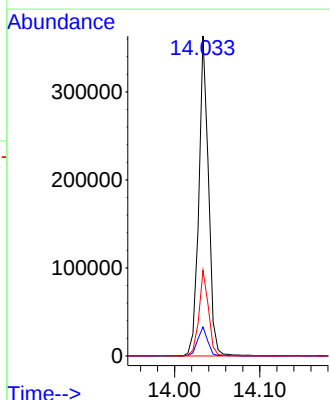
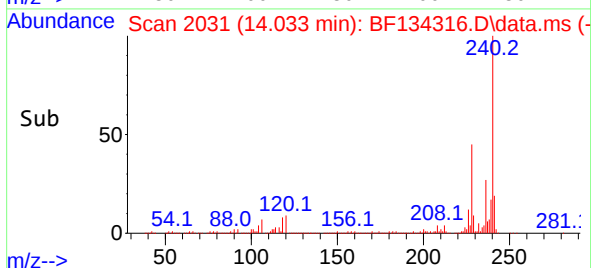
Reviewed By :Yogesh Patel 07/31/2023
Supervised By :mohammad ahmed 07/31/2023

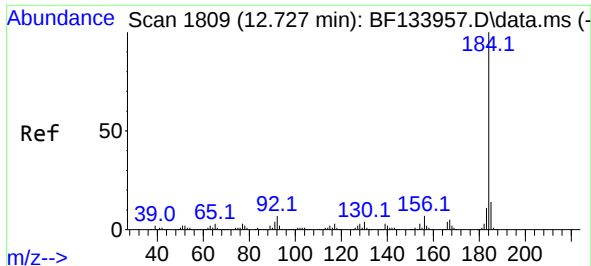


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10



Tgt Ion:240 Resp: 287077
Ion Ratio Lower Upper
240 100
120 9.0 7.4 11.0
236 26.8 21.0 31.6





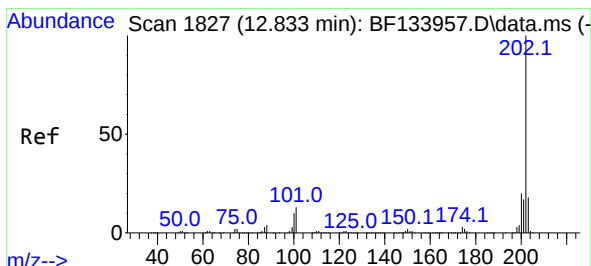
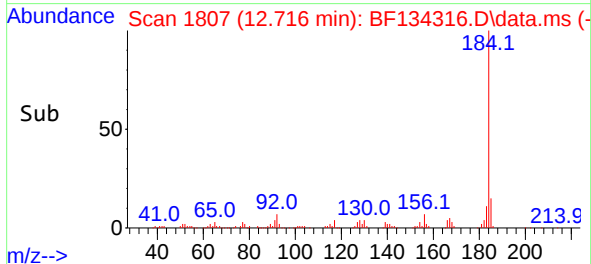
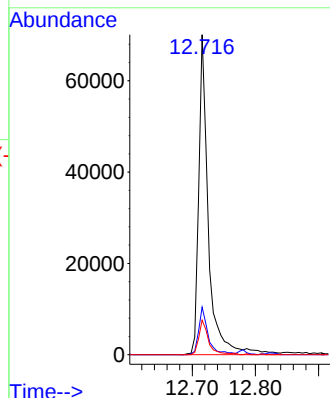
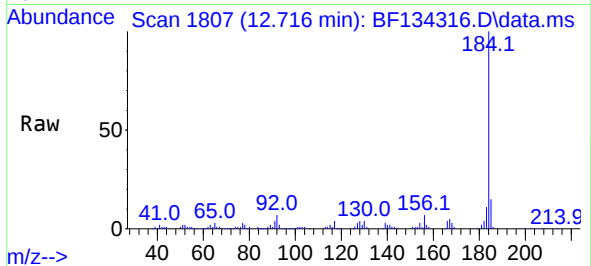
#77
Benzidine
Concen: 10.881 ng
RT: 12.716 min Scan# 1807
Delta R.T. -0.012 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

Instrument :
BNA_F
ClientSampleId :
PB154180BS

Tgt Ion:184 Resp: 7432
Ion Ratio Lower Upper
184 100
185 14.8 11.6 17.4
183 10.8 8.8 13.2

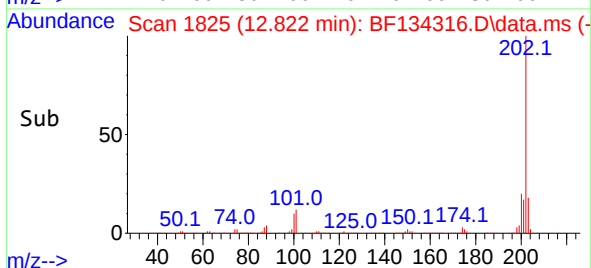
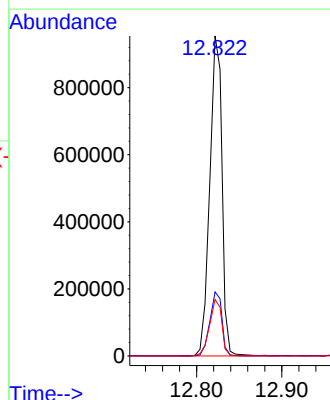
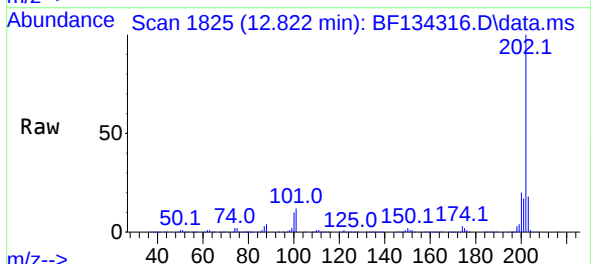
Manual Integrations
APPROVED

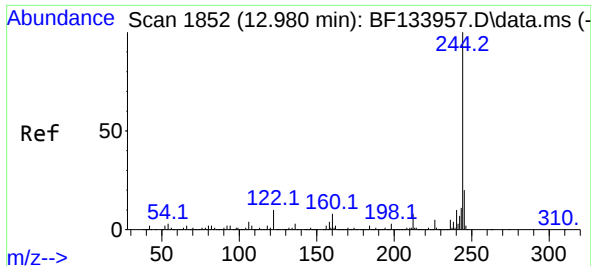
Reviewed By :Yogesh Patel 07/31/2023
Supervised By :mohammad ahmed 07/31/2023



#78
Pyrene
Concen: 35.553 ng
RT: 12.822 min Scan# 1825
Delta R.T. -0.012 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

Tgt Ion:202 Resp: 949859
Ion Ratio Lower Upper
202 100
200 20.1 16.1 24.1
203 17.6 14.3 21.5





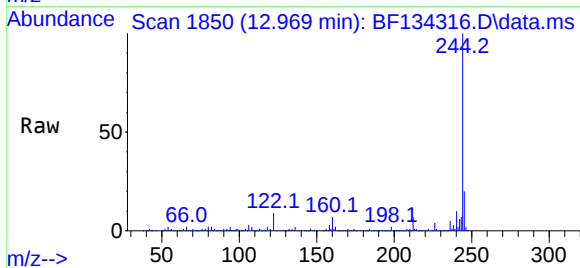
#79
 Terphenyl-d14
 Concen: 77.685 ng
 RT: 12.969 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF134316.D
 Acq: 17 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

PB154180BS

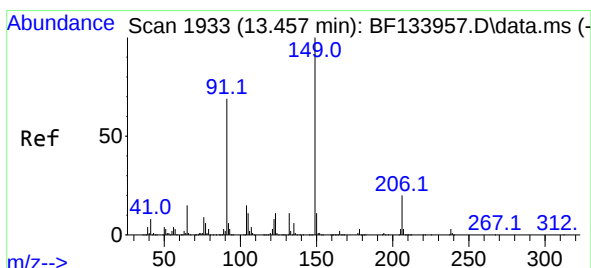
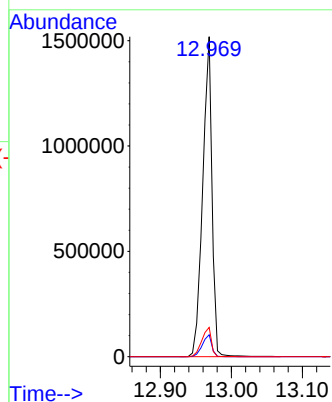
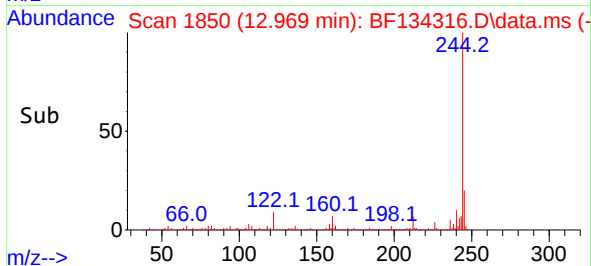


Tgt Ion:244 Resp: 1385700
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 9.1 8.3 12.5

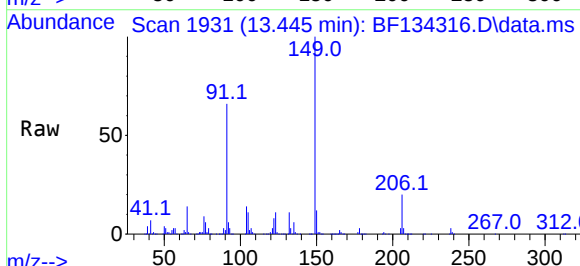
Manual Integrations

APPROVED

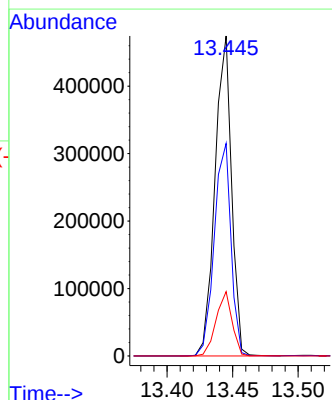
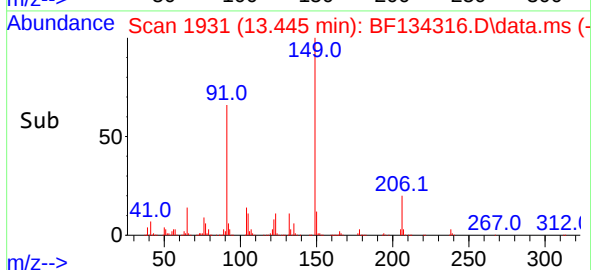
Reviewed By :Yogesh Patel 07/31/2023
 Supervised By :mohammad ahmed 07/31/2023

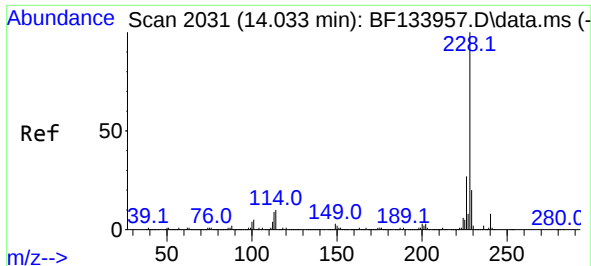


#80
 Butylbenzylphthalate
 Concen: 41.512 ng
 RT: 13.445 min Scan# 1931
 Delta R.T. -0.006 min
 Lab File: BF134316.D
 Acq: 17 Jul 2023 15:10



Tgt Ion:149 Resp: 415945
 Ion Ratio Lower Upper
 149 100
 91 66.4 55.1 82.7
 206 20.1 15.7 23.5





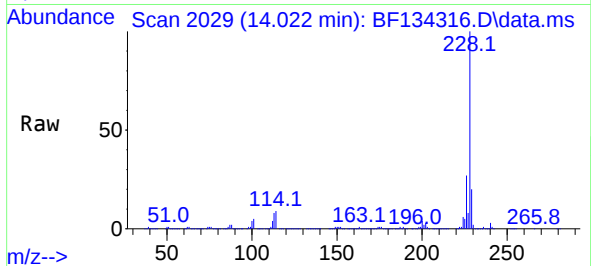
#81
Benzo(a)anthracene
Concen: 42.238 ng
RT: 14.022 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

PB154180BS

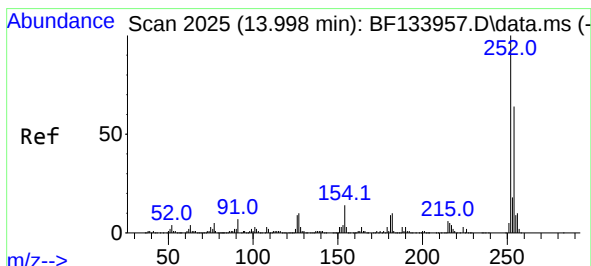
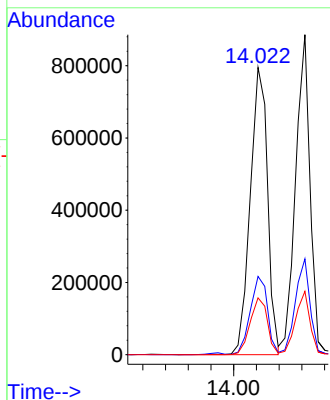
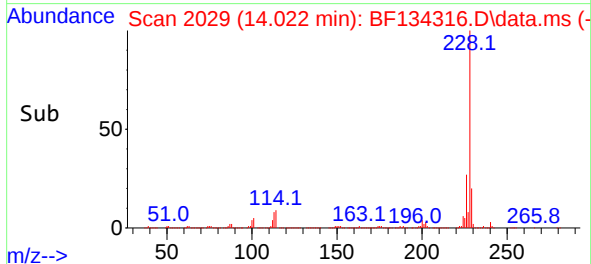


Tgt Ion:228 Resp: 840922
Ion Ratio Lower Upper
228 100
226 27.3 22.0 33.0
229 19.8 16.3 24.5

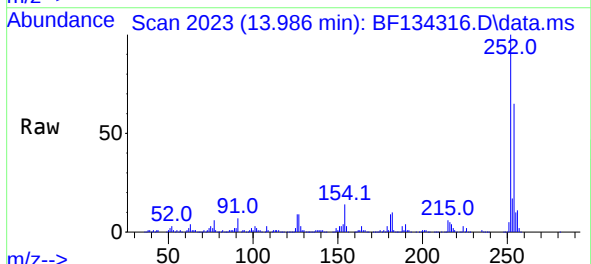
Manual Integrations

APPROVED

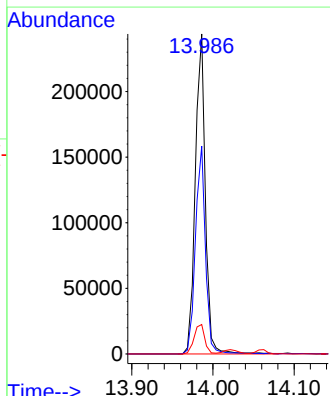
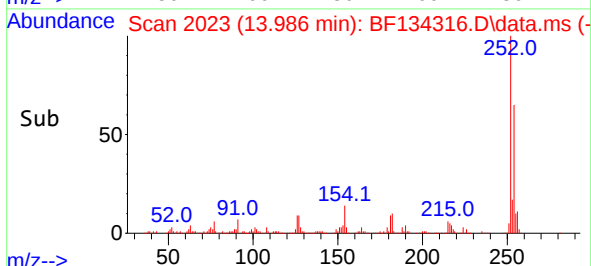
Reviewed By :Yogesh Patel 07/31/2023
Supervised By :mohammad ahmed 07/31/2023

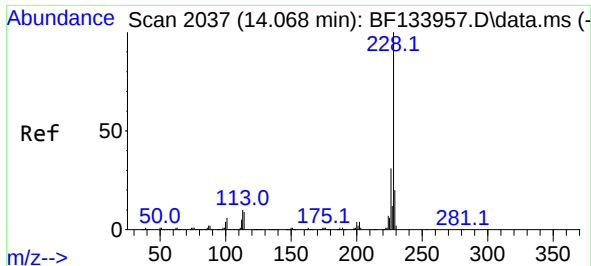


#82
3,3'-Dichlorobenzidine
Concen: 33.474 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10



Tgt Ion:252 Resp: 211146
Ion Ratio Lower Upper
252 100
254 65.0 51.4 77.0
126 9.2 7.4 11.2





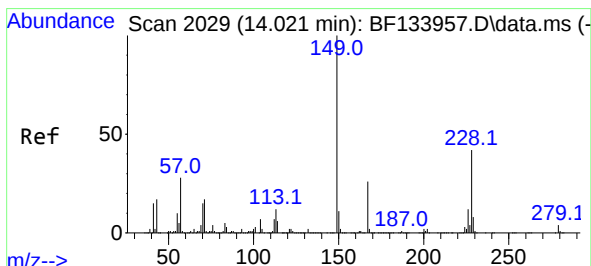
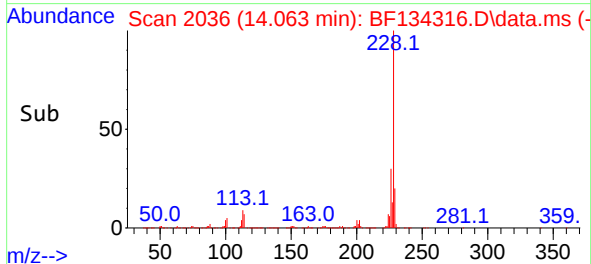
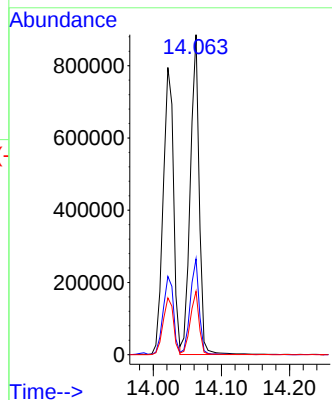
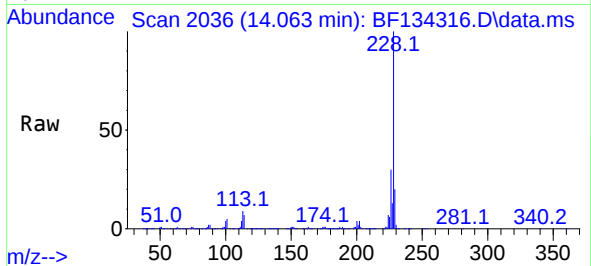
#83
Chrysene
Concen: 41.201 ng
RT: 14.063 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

Instrument :
BNA_F
ClientSampleId :
PB154180BS

Tgt Ion:228 Resp: 794500
Ion Ratio Lower Upper
228 100
226 29.9 24.4 36.6
229 19.8 16.1 24.1

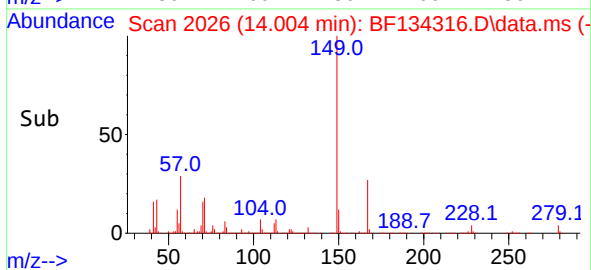
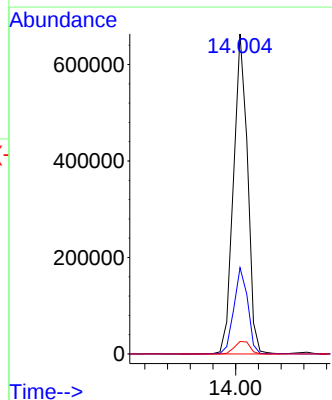
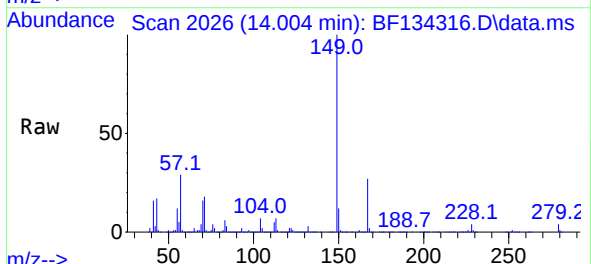
Manual Integrations
APPROVED

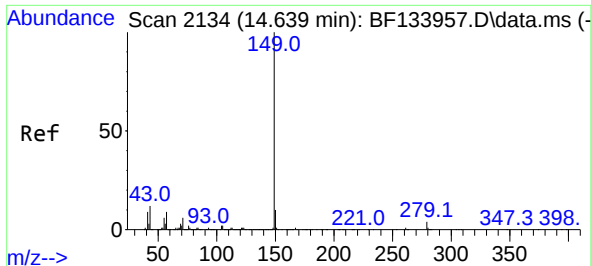
Reviewed By :Yogesh Patel 07/31/2023
Supervised By :mohammad ahmed 07/31/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.445 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.012 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

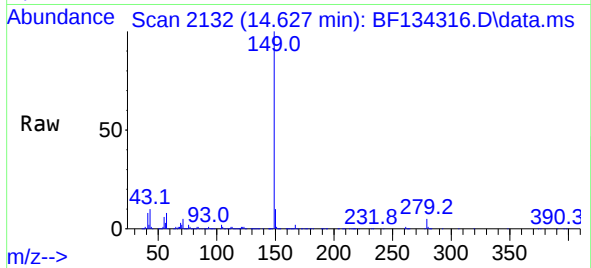
Tgt Ion:149 Resp: 569279
Ion Ratio Lower Upper
149 100
167 27.0 21.0 31.4
279 3.9 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 55.985 ng
RT: 14.627 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

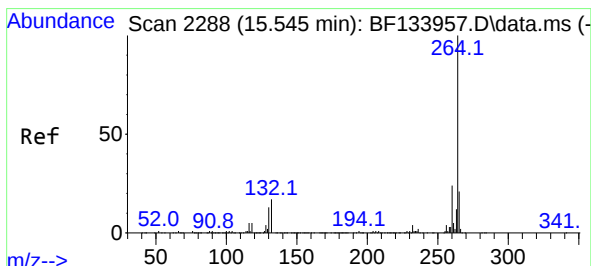
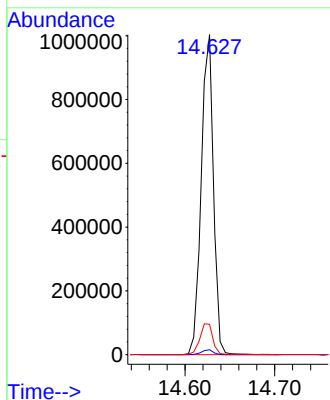
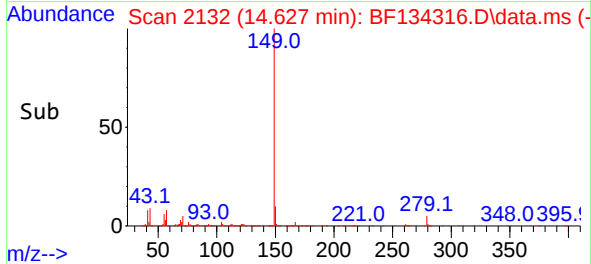
Instrument :
BNA_F
ClientSampleId :
PB154180BS



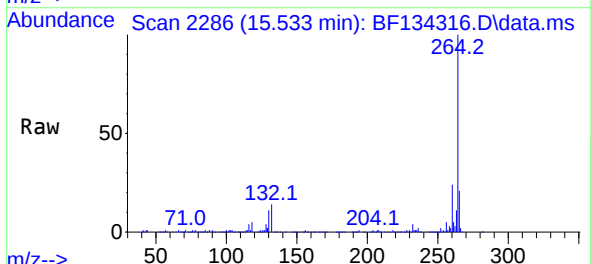
Tgt Ion:149 Resp: 94713
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.2 9.0 13.4

Manual Integrations
APPROVED

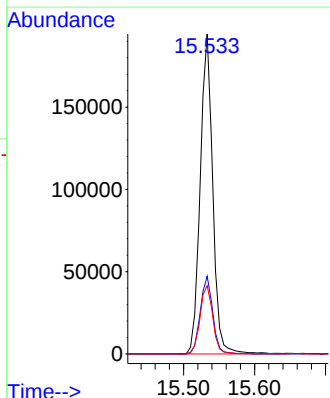
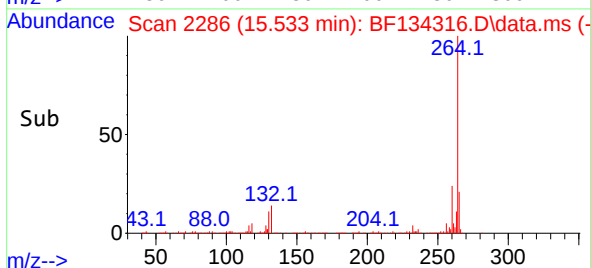
Reviewed By :Yogesh Patel 07/31/2023
Supervised By :mohammad ahmed 07/31/2023

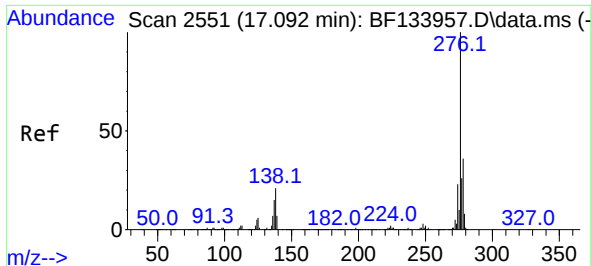


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2286
Delta R.T. -0.012 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10



Tgt Ion:264 Resp: 239324
Ion Ratio Lower Upper
264 100
260 24.3 19.5 29.3
265 21.4 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.579 ng
RT: 17.080 min Scan# 2111
Delta R.T. -0.017 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

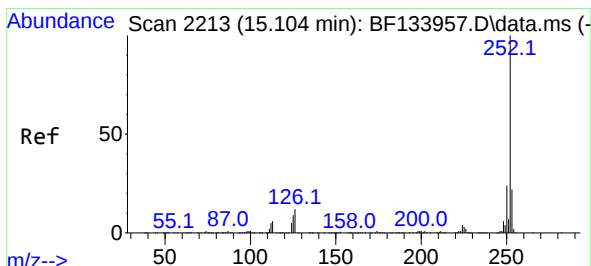
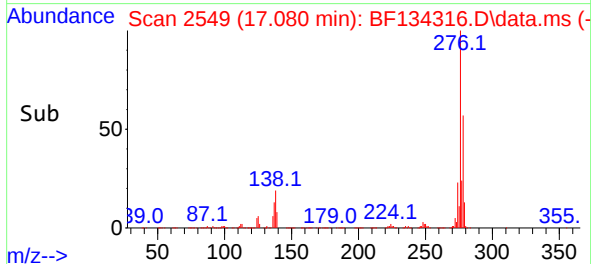
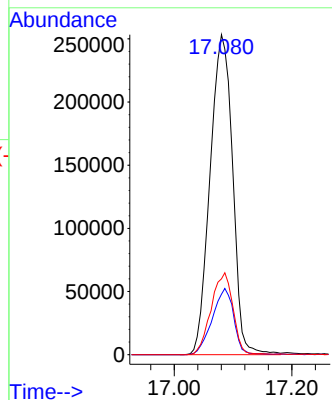
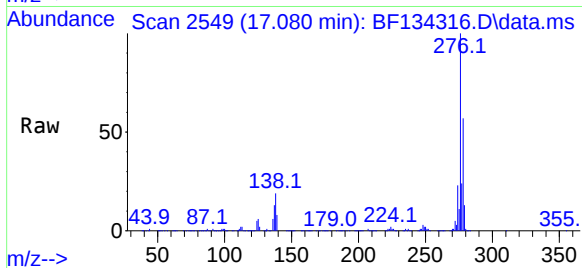
PB154180BS

Tgt Ion:276 Resp: 67389
Ion Ratio Lower Upper
276 100
138 19.8 18.7 28.1
277 25.0 19.9 29.9

Manual Integrations

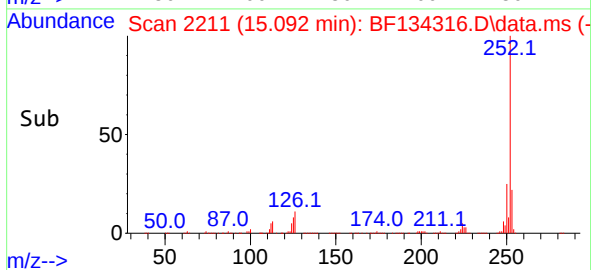
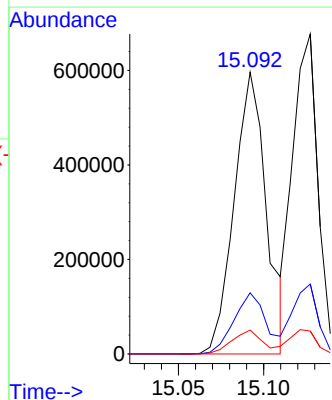
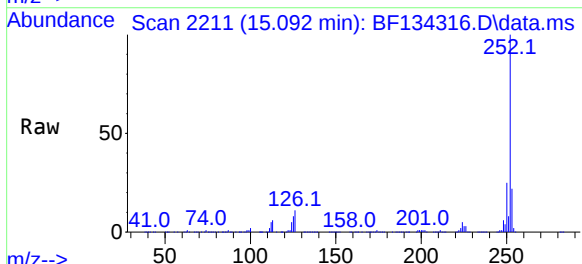
APPROVED

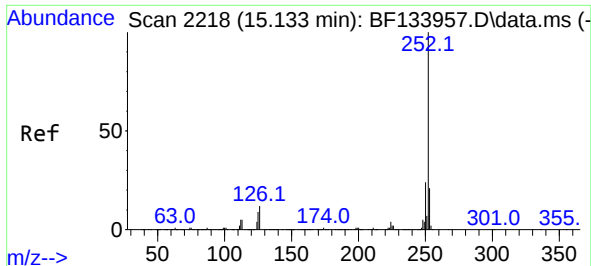
Reviewed By :Yogesh Patel 07/31/2023
Supervised By :mohammad ahmed 07/31/2023



#88
Benzo(b)fluoranthene
Concen: 55.818 ng
RT: 15.092 min Scan# 2211
Delta R.T. -0.012 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

Tgt Ion:252 Resp: 785500
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 8.4 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 48.257 ng m

RT: 15.127 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF134316.D

Acq: 17 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

PB154180BS

Tgt Ion:252 Resp: 691429

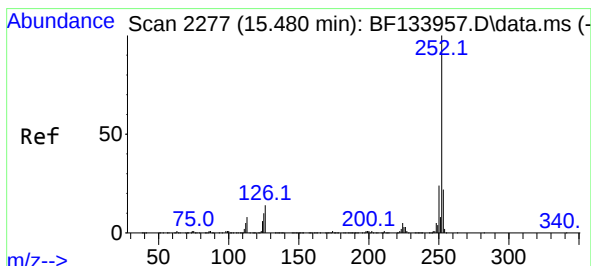
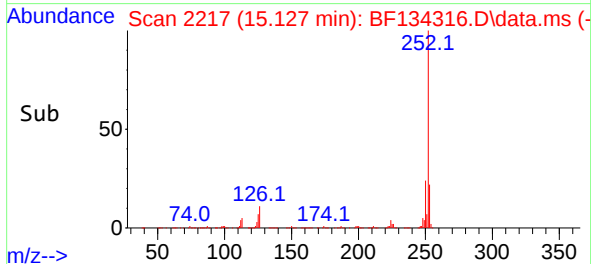
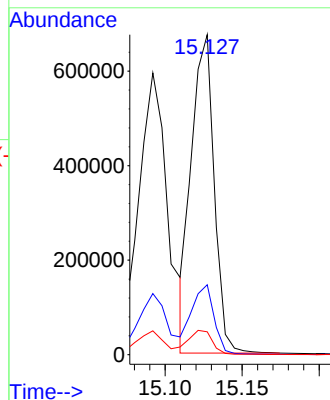
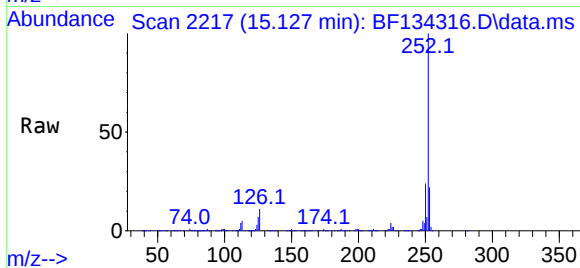
Ion	Ratio	Lower	Upper
252	100		
253	21.8	16.9	25.3
125	7.2	7.4	11.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/31/2023

Supervised By :mohammad ahmed 07/31/2023



#90

Benzo(a)pyrene

Concen: 45.730 ng

RT: 15.474 min Scan# 2276

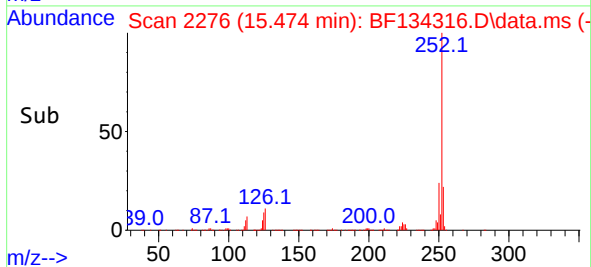
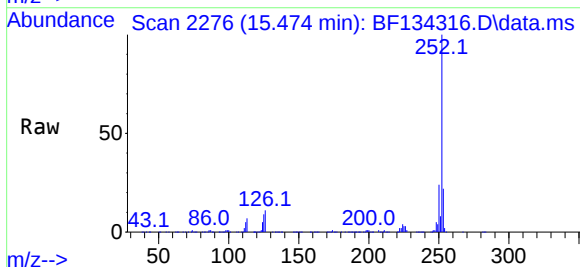
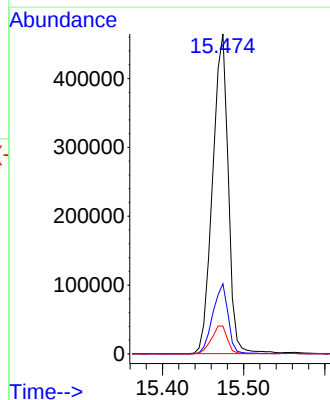
Delta R.T. -0.006 min

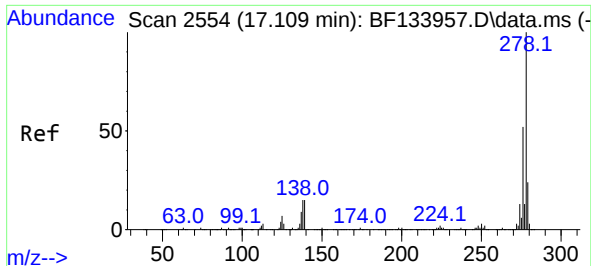
Lab File: BF134316.D

Acq: 17 Jul 2023 15:10

Tgt Ion:252 Resp: 622295

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	8.7	8.4	12.6





#91
Dibenzo(a,h)anthracene
Concen: 41.879 ng
RT: 17.098 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

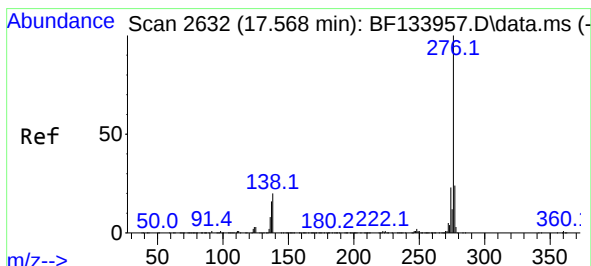
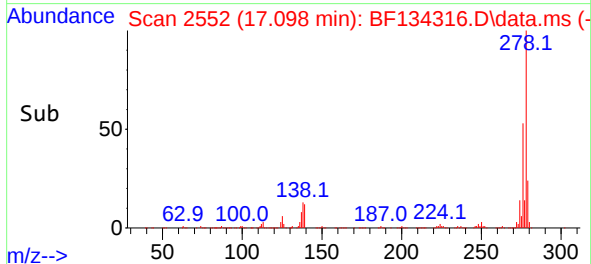
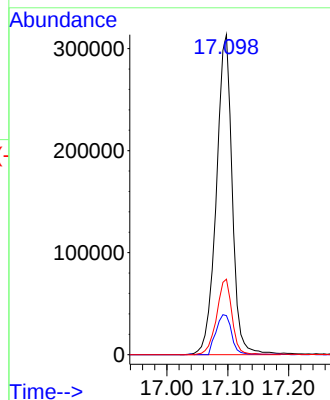
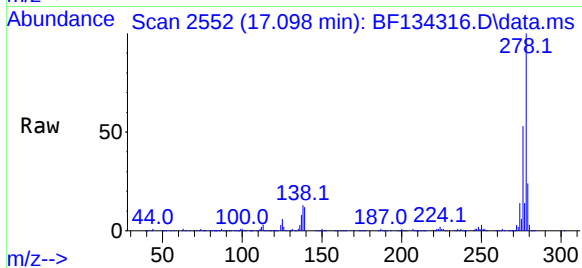
PB154180BS

Tgt Ion:278 Resp: 56805
Ion Ratio Lower Upper
278 100
139 12.2 12.2 18.4
279 23.6 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/31/2023
Supervised By :mohammad ahmed 07/31/2023



#92
Benzo(g,h,i)perylene
Concen: 39.059 ng
RT: 17.551 min Scan# 2629
Delta R.T. -0.017 min
Lab File: BF134316.D
Acq: 17 Jul 2023 15:10

Tgt Ion:276 Resp: 546353
Ion Ratio Lower Upper
276 100
277 24.2 19.0 28.6
138 17.0 16.2 24.2

