

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062923\
 Data File : BF134030.D
 Acq On : 29 Jun 2023 11:23
 Operator : CG\JU
 Sample : PB153792BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB153792BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 29 12:58:08 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 26 23:12:04 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	109170	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	419861	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	212821	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	428036	20.000	ng	0.00
76) Chrysene-d12	14.045	240	213219	20.000	ng	0.00
86) Perylene-d12	15.545	264	210180	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	743051	113.855	ng	0.01
7) Phenol-d6	6.492	99	889845	110.869	ng	0.00
23) Nitrobenzene-d5	7.416	82	619154	79.492	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	309654	116.047	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1141654	77.992	ng	0.00
79) Terphenyl-d14	12.980	244	1298468	98.011	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.716	88	108911	40.472	ng	98
3) Pyridine	3.493	79	244329	34.858	ng	97
4) n-Nitrosodimethylamine	3.451	42	173360	43.304	ng	97
6) Aniline	6.516	93	260784	26.701	ng	96
8) 2-Chlorophenol	6.634	128	299067	45.142	ng	99
9) Benzaldehyde	6.398	77	19356	2.586	ng	98
10) Phenol	6.504	94	345765	40.973	ng	86
11) bis(2-Chloroethyl)ether	6.587	93	261139	42.032	ng	99
12) 1,3-Dichlorobenzene	6.787	146	316315	44.785	ng	99
13) 1,4-Dichlorobenzene	6.863	146	320778	44.965	ng	97
14) 1,2-Dichlorobenzene	7.016	146	307153	45.972	ng	99
15) Benzyl Alcohol	6.992	79	267935	43.304	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	458309	41.698	ng	97
17) 2-Methylphenol	7.104	107	243168	40.989	ng	98
18) Hexachloroethane	7.357	117	122818	46.430	ng	97
19) n-Nitroso-di-n-propyla...	7.263	70	209022	41.066	ng	98
20) 3+4-Methylphenols	7.257	107	293217	40.741	ng	95
22) Acetophenone	7.257	105	413926	43.349	ng	97
24) Nitrobenzene	7.434	77	324836	41.271	ng	95
25) Isophorone	7.669	82	578293	40.852	ng	98
26) 2-Nitrophenol	7.745	139	161622	42.805	ng	91
27) 2,4-Dimethylphenol	7.786	122	258080	43.181	ng	96
28) bis(2-Chloroethoxy)met...	7.881	93	331403	40.432	ng	98
29) 2,4-Dichlorophenol	7.986	162	248301	41.896	ng	96
30) 1,2,4-Trichlorobenzene	8.069	180	258938	42.342	ng	99
31) Naphthalene	8.151	128	821902	40.526	ng	99
32) Benzoic acid	7.916	122	197691	44.142	ng	96
33) 4-Chloroaniline	8.198	127	100659	11.603	ng	98
34) Hexachlorobutadiene	8.263	225	165716	42.958	ng	96
35) Caprolactam	8.581	113	83879m	42.983	ng	
36) 4-Chloro-3-methylphenol	8.686	107	283092	42.519	ng	96
37) 2-Methylnaphthalene	8.845	142	561065	39.122	ng	99
38) 1-Methylnaphthalene	8.945	142	515977	38.700	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	268358	42.562	ng	99
41) Hexachlorocyclopentadiene	8.992	237	287068	95.968	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	178657	41.624	ng	99

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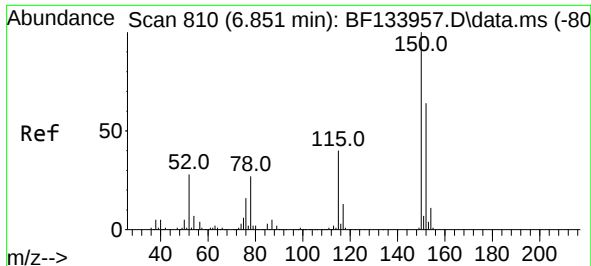
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 29 12:58:08 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 26 23:12:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	194460	38.516	ng	99
46) 1,1'-Biphenyl	9.310	154	712672	41.746	ng	98
47) 2-Chloronaphthalene	9.333	162	525996	42.111	ng	97
48) 2-Nitroaniline	9.433	65	188582	41.426	ng	99
49) Acenaphthylene	9.751	152	868799	40.717	ng	99
50) Dimethylphthalate	9.616	163	628834	40.705	ng	99
51) 2,6-Dinitrotoluene	9.675	165	140832	42.325	ng	# 84
52) Acenaphthene	9.922	154	510983	41.271	ng	99
53) 3-Nitroaniline	9.845	138	97370	24.393	ng	99
54) 2,4-Dinitrophenol	9.963	184	159333	82.776	ng	97
55) Dibenzofuran	10.098	168	779698	40.295	ng	99
56) 4-Nitrophenol	10.016	139	220313	78.903	ng	89
57) 2,4-Dinitrotoluene	10.086	165	185883	42.301	ng	93
58) Fluorene	10.439	166	619307	41.139	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	167664	42.100	ng	99
60) Diethylphthalate	10.316	149	660682	41.048	ng	100
61) 4-Chlorophenyl-phenyle...	10.433	204	292152	40.271	ng	99
62) 4-Nitroaniline	10.469	138	152401	37.884	ng	94
63) Azobenzene	10.592	77	616731	40.508	ng	95
65) 4,6-Dinitro-2-methylph...	10.498	198	106802	45.767	ng	91
66) n-Nitrosodiphenylamine	10.557	169	553070	40.441	ng	100
67) 4-Bromophenyl-phenylether	10.927	248	185995	40.882	ng	98
68) Hexachlorobenzene	10.992	284	212140	43.917	ng	97
69) Atrazine	11.086	200	165376	43.717	ng	99
70) Pentachlorophenol	11.186	266	219133	75.871	ng	98
71) Phenanthrene	11.410	178	893080	41.446	ng	100
72) Anthracene	11.463	178	909095	40.562	ng	100
73) Carbazole	11.621	167	847210	41.299	ng	99
74) Di-n-butylphthalate	11.945	149	1040667	42.658	ng	99
75) Fluoranthene	12.604	202	934912	40.133	ng	99
77) Benzidine	12.727	184	163813	32.289	ng	100
78) Pyrene	12.833	202	939879	47.366	ng	100
80) Butylbenzylphthalate	13.457	149	356498	47.903	ng	99
81) Benzo(a)anthracene	14.033	228	624294	42.219	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	142692	30.458	ng	99
83) Chrysene	14.068	228	579317	40.449	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	428390	50.096	ng	99
85) Di-n-octyl phthalate	14.639	149	627148	49.912	ng	100
87) Indeno(1,2,3-cd)pyrene	17.104	276	672718	46.126	ng	98
88) Benzo(b)fluoranthene	15.104	252	529025	42.806	ng	99
89) Benzo(k)fluoranthene	15.133	252	541526	43.036	ng	99
90) Benzo(a)pyrene	15.486	252	488266	40.856	ng	99
91) Dibenzo(a,h)anthracene	17.121	278	551299	46.279	ng	98
92) Benzo(g,h,i)perylene	17.574	276	546108	44.455	ng	98

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



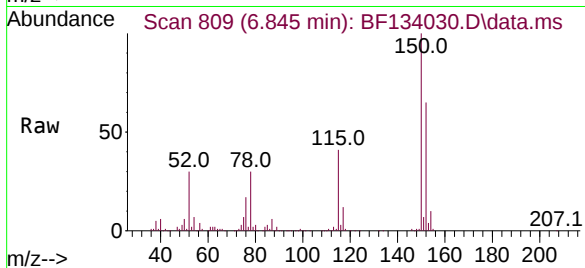
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

Instrument :

BNA_F

ClientSampleId :

PB153792BS

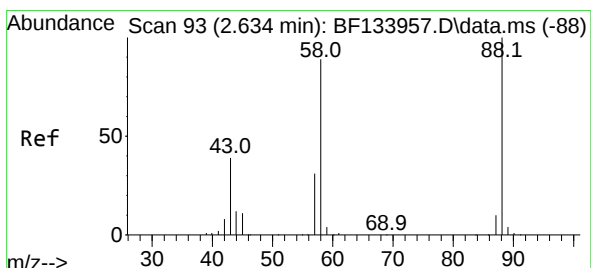
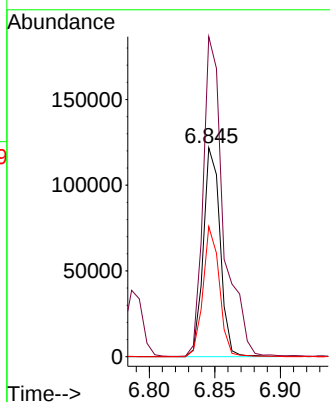
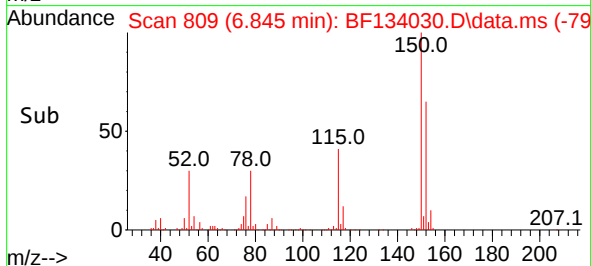


Tgt Ion:152 Resp: 109170
Ion Ratio Lower Upper
152 100
150 153.1 124.5 186.7
115 62.3 50.2 75.2

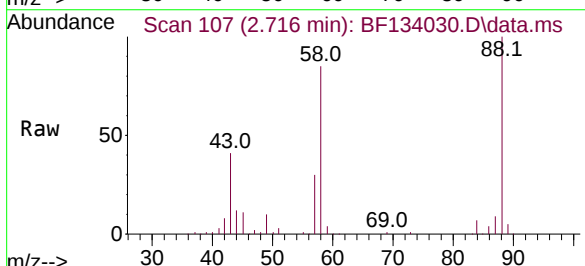
Manual Integrations

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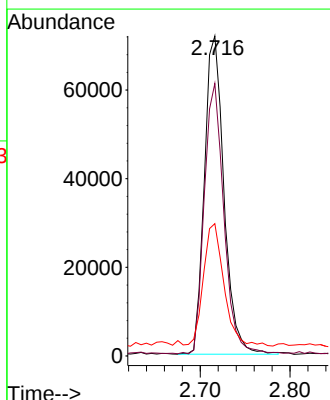
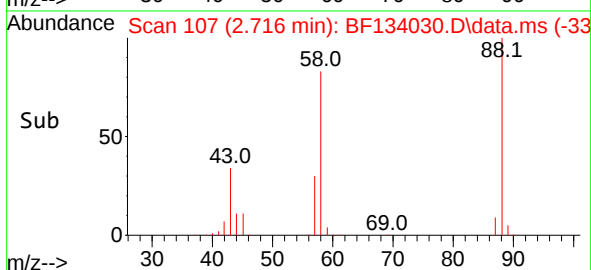
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

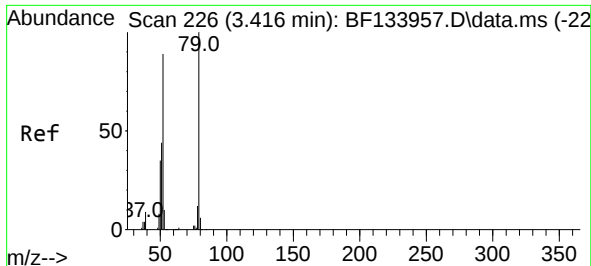


#2
1,4-Dioxane
Concen: 40.472 ng
RT: 2.716 min Scan# 107
Delta R.T. 0.082 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23



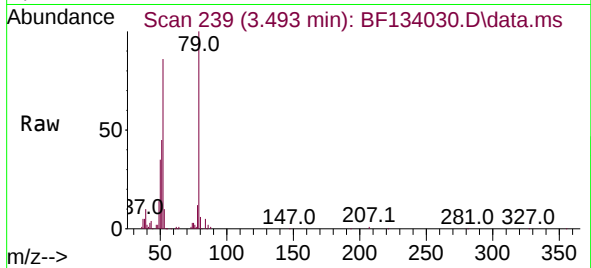
Tgt Ion: 88 Resp: 108911
Ion Ratio Lower Upper
88 100
58 84.7 68.8 103.2
43 40.6 30.7 46.1





#3
Pyridine
Concen: 34.858 ng
RT: 3.493 min Scan# 211
Delta R.T. 0.077 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

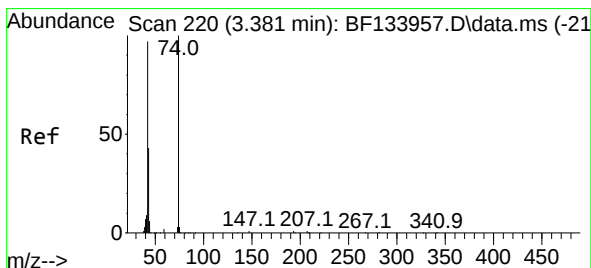
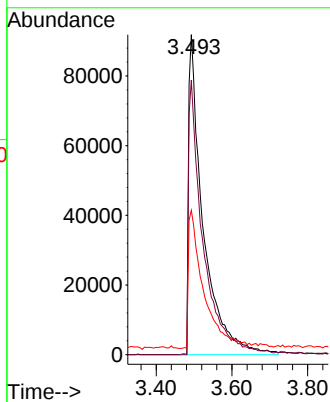
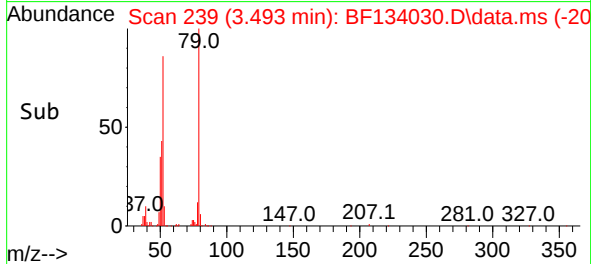
Instrument :
BNA_F
ClientSampleId :
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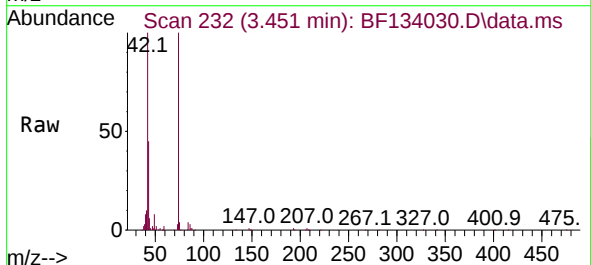
Tgt Ion: 79 Resp: 244329
Ion Ratio Lower Upper
79 100
52 85.8 71.1 106.7
51 45.1 35.2 52.8

Manual Integrations
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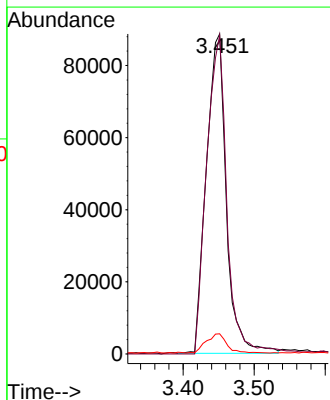
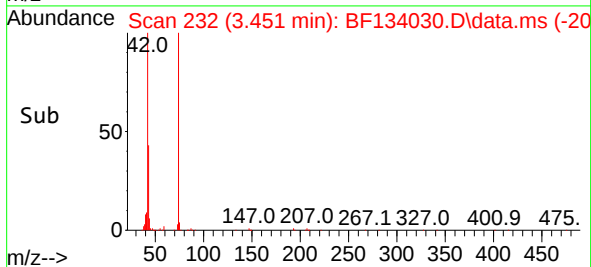
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

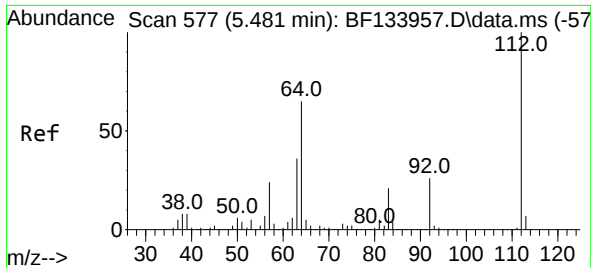


#4
n-Nitrosodimethylamine
Concen: 43.304 ng
RT: 3.451 min Scan# 232
Delta R.T. 0.071 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23



Tgt Ion: 42 Resp: 173360
Ion Ratio Lower Upper
42 100
74 99.6 82.4 123.6
44 6.3 4.9 7.3





#5
2-Fluorophenol
Concen: 113.855 ng
RT: 5.492 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

Instrument :

BNA_F

ClientSampleId :

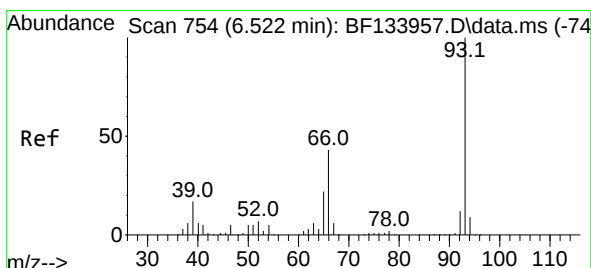
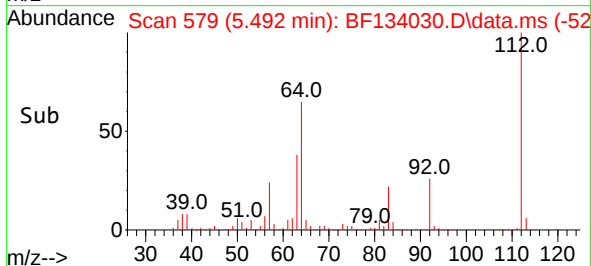
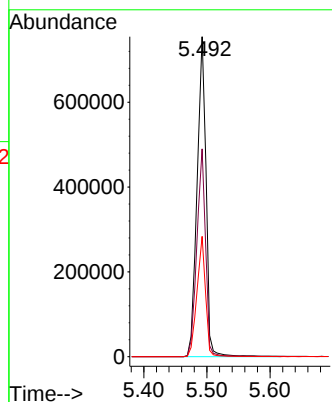
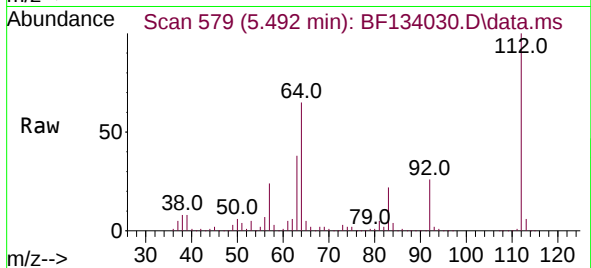
PB153792BS

Tgt Ion:112 Resp: 74305
Ion Ratio Lower Upper
112 100
64 64.9 52.1 78.1
63 37.6 28.6 42.8

Manual Integrations

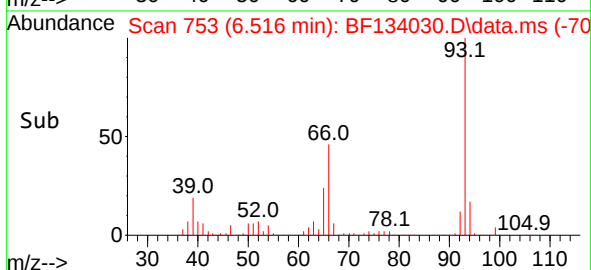
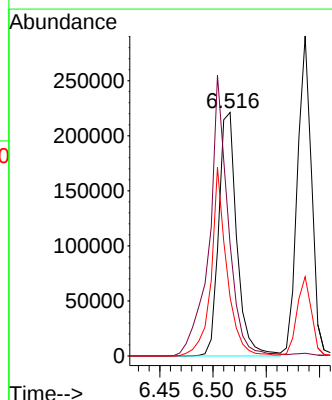
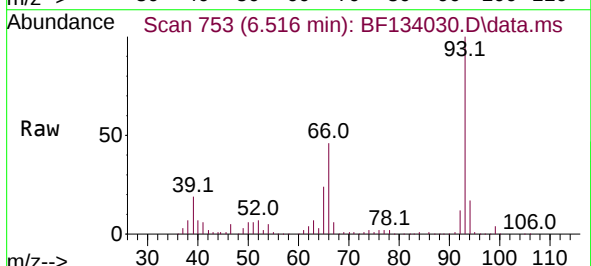
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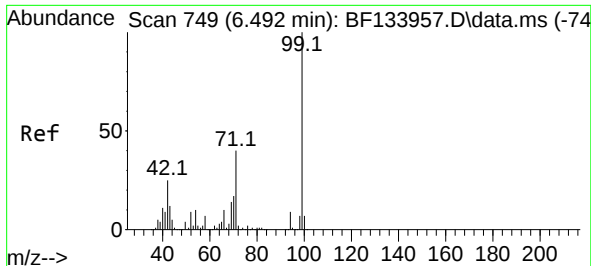
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#6
Aniline
Concen: 26.701 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

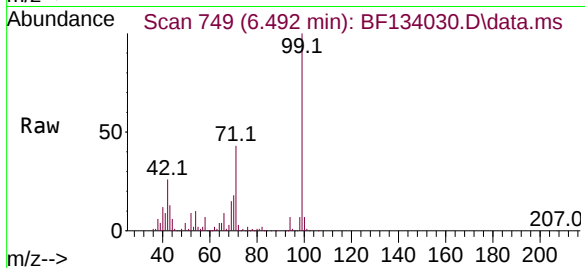
Tgt Ion: 93 Resp: 260784
Ion Ratio Lower Upper
93 100
66 45.8 34.5 51.7
65 24.0 17.8 26.6





#7
Phenol-d6
Concen: 110.869 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

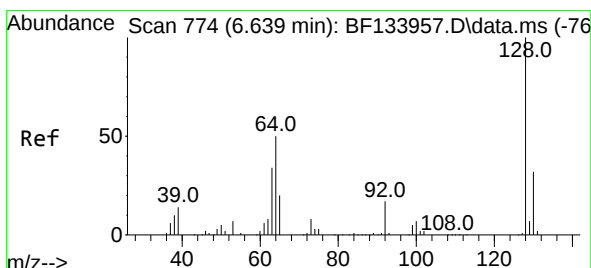
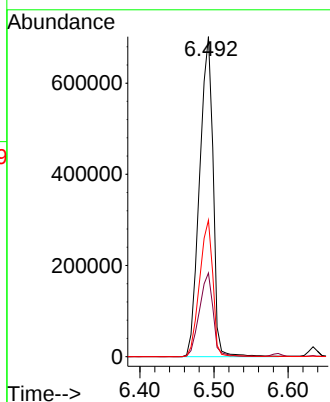
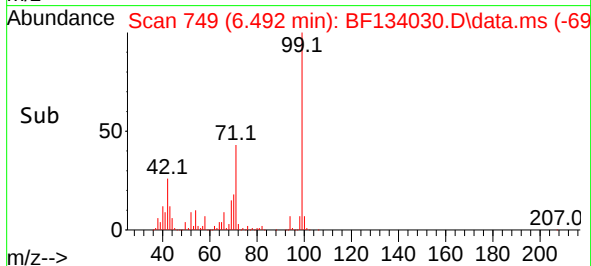
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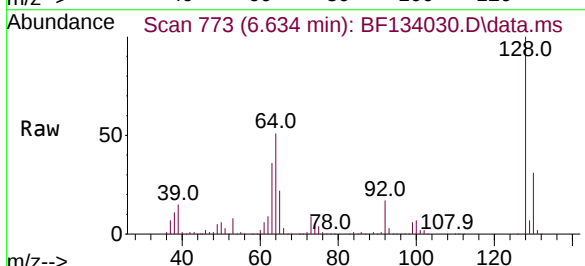
Tgt Ion: 99 Resp: 88984
Ion Ratio Lower Upper
99 100
42 26.2 19.8 29.6
71 42.6 31.9 47.9

Manual Integrations
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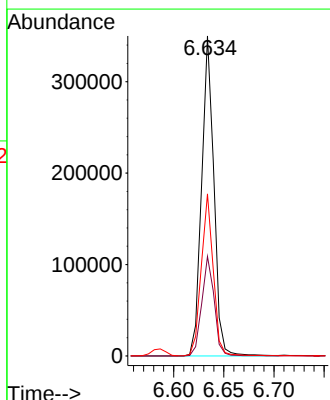
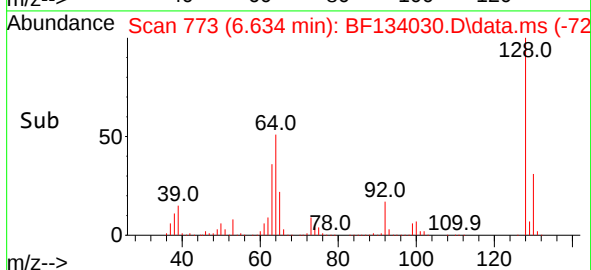
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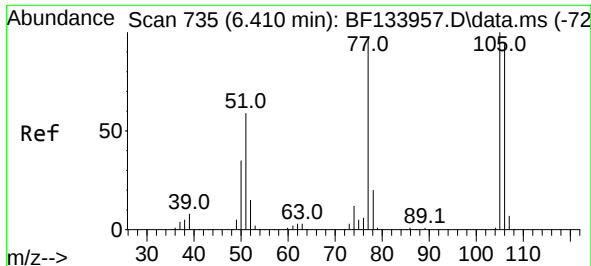


#8
2-Chlorophenol
Concen: 45.142 ng
RT: 6.634 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23



Tgt Ion:128 Resp: 299067
Ion Ratio Lower Upper
128 100
130 31.1 11.7 51.7
64 50.6 31.3 71.3





#9

Benzaldehyde

Concen: 2.586 ng

RT: 6.398 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF134030.D

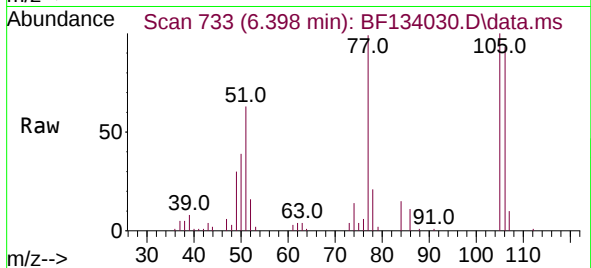
Acq: 29 Jun 2023 11:23

Instrument :

BNA_F

ClientSampleId :

PB153792BS



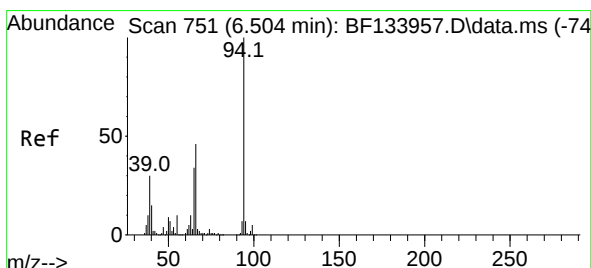
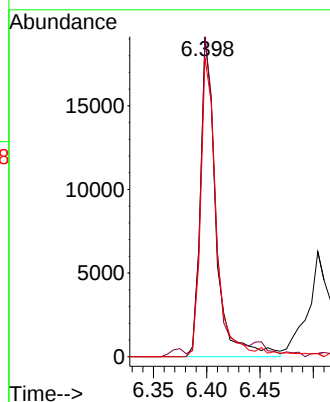
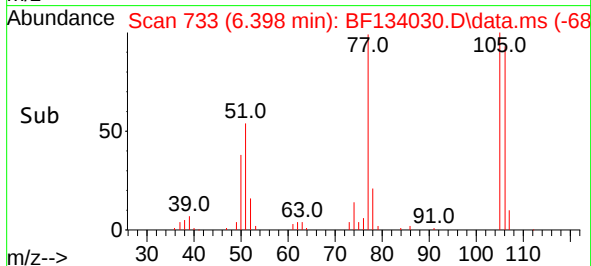
Tgt Ion:	77	Resp:	19350
Ion	Ratio	Lower	Upper
77	100		
105	100.5	82.0	122.0
106	93.9	76.9	116.9

Manual Integrations

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Supervised By :mohammad ahmed 06/30/2023



#10

Phenol

Concen: 40.973 ng

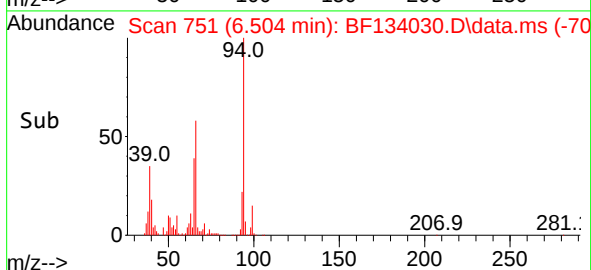
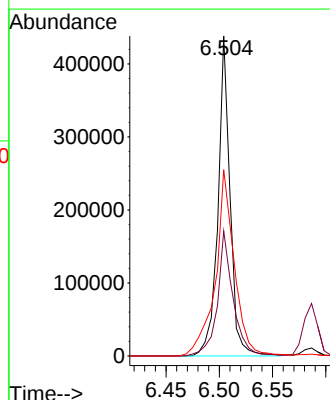
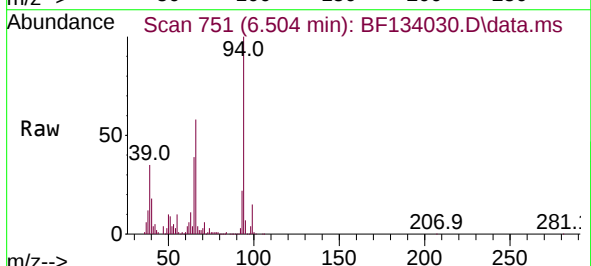
RT: 6.504 min Scan# 751

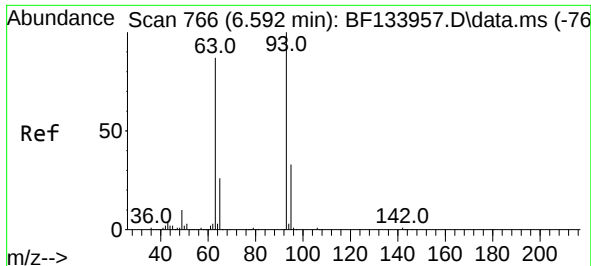
Delta R.T. 0.000 min

Lab File: BF134030.D

Acq: 29 Jun 2023 11:23

Tgt Ion:	94	Resp:	345765
Ion	Ratio	Lower	Upper
94	100		
65	39.0	14.2	54.2
66	58.2	26.4	66.4





#11
bis(2-Chloroethyl)ether
Concen: 42.032 ng
RT: 6.587 min Scan# 709
Delta R.T. -0.005 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

Instrument :

BNA_F

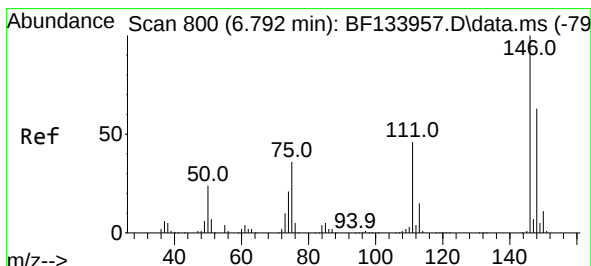
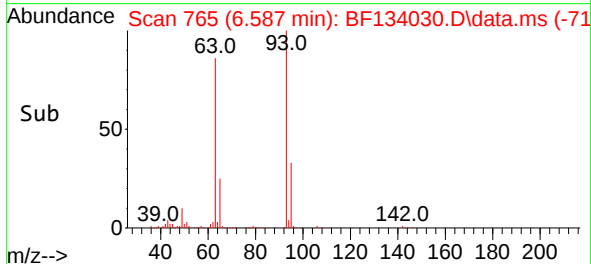
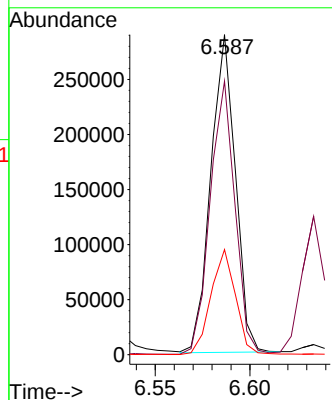
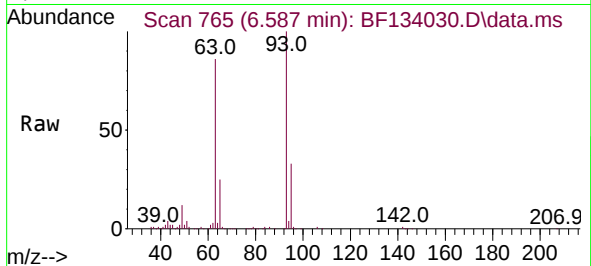
ClientSampleId :

PB153792BS

Tgt Ion: 93 Resp: 261135
Ion Ratio Lower Upper
93 100
63 85.5 66.5 106.5
95 32.9 12.9 52.9

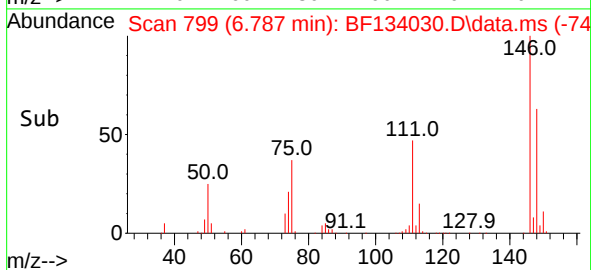
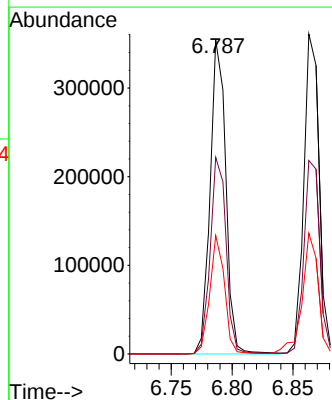
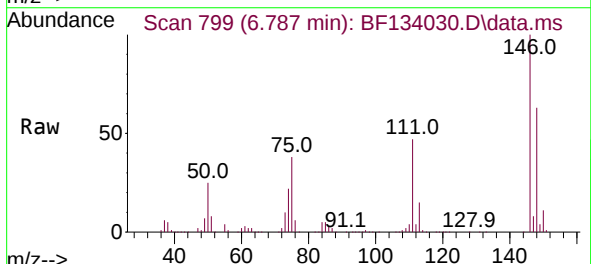
Manual Integrations
APPROVED

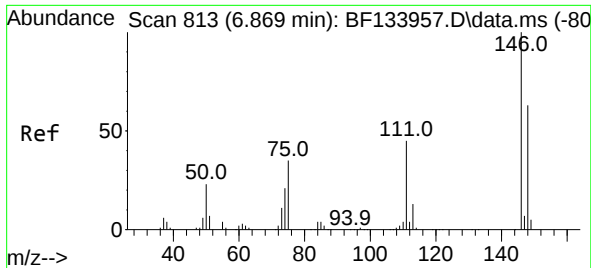
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#12
1,3-Dichlorobenzene
Concen: 44.785 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

Tgt Ion:146 Resp: 316315
Ion Ratio Lower Upper
146 100
148 62.7 50.5 75.7
75 37.7 29.0 43.6





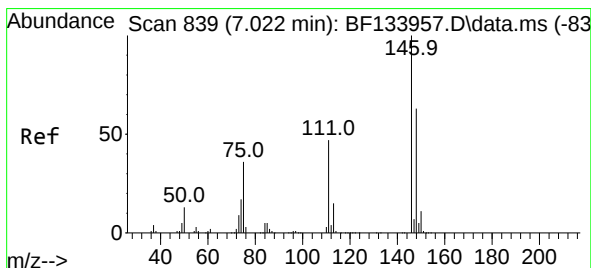
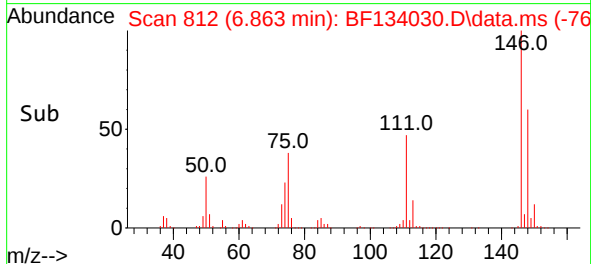
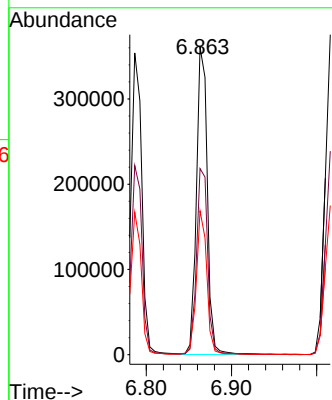
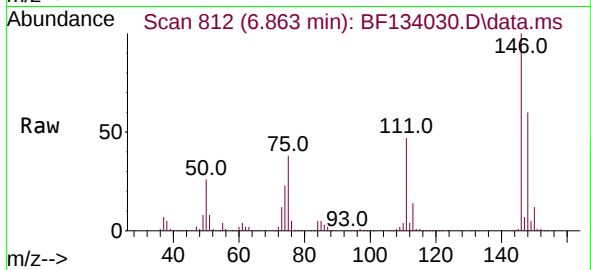
#13
1,4-Dichlorobenzene
Concen: 44.965 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

Instrument :
BNA_F
ClientSampleId :
PB153792BS

Tgt Ion:146 Resp: 320778
Ion Ratio Lower Upper
146 100
148 60.5 50.2 75.2
111 46.7 35.8 53.6

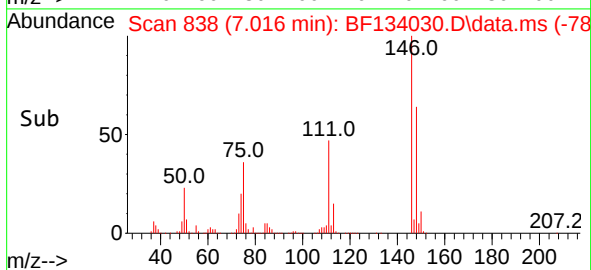
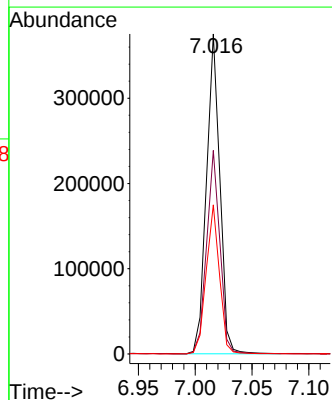
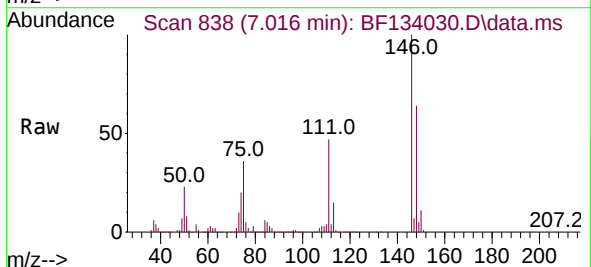
Manual Integrations
APPROVED

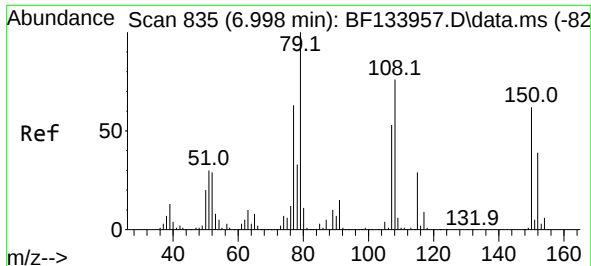
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#14
1,2-Dichlorobenzene
Concen: 45.972 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

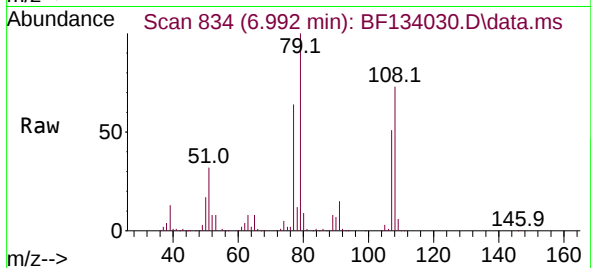
Tgt Ion:146 Resp: 307153
Ion Ratio Lower Upper
146 100
148 63.6 50.6 76.0
111 46.6 38.0 57.0





#15
Benzyl Alcohol
Concen: 43.304 ng
RT: 6.992 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

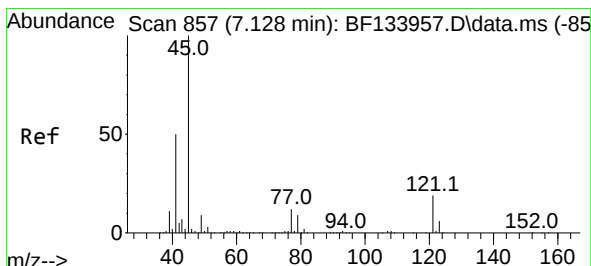
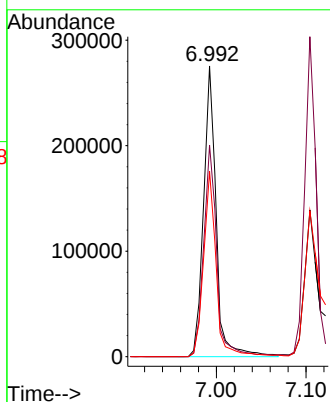
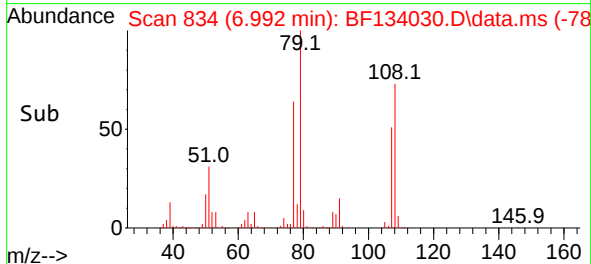
Instrument :
BNA_F
ClientSampleId :
PB153792BS



Tgt Ion: 79 Resp: 267938
Ion Ratio Lower Upper
79 100
108 72.8 60.7 91.1
77 63.8 50.6 75.8

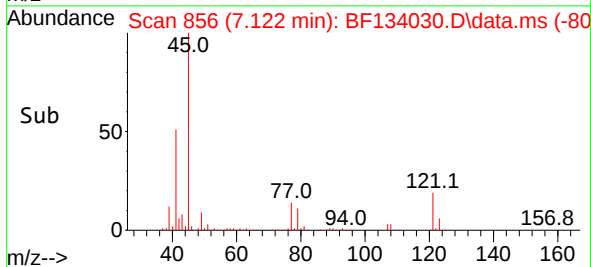
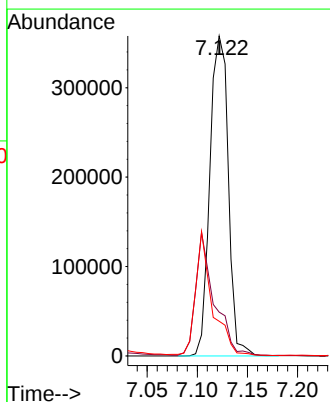
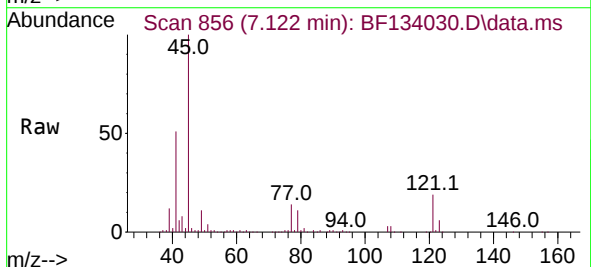
Manual Integrations
APPROVED

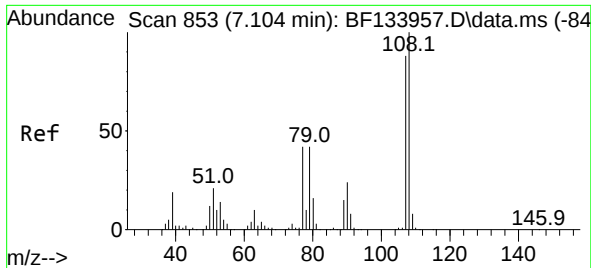
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.698 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

Tgt Ion: 45 Resp: 458309
Ion Ratio Lower Upper
45 100
77 13.7 0.0 32.9
79 10.8 0.0 29.5





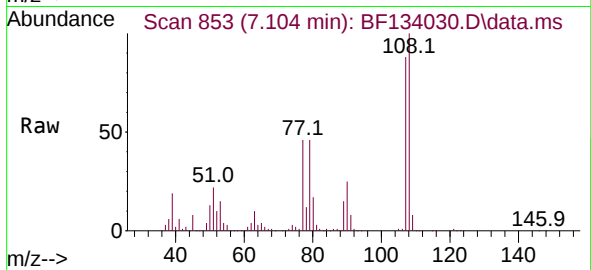
#17
2-Methylphenol
Concen: 40.989 ng
RT: 7.104 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

Instrument :

BNA_F

ClientSampleId :

PB153792BS

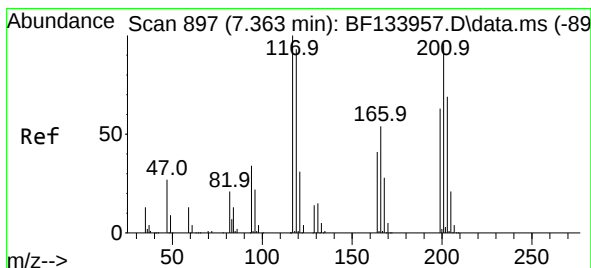
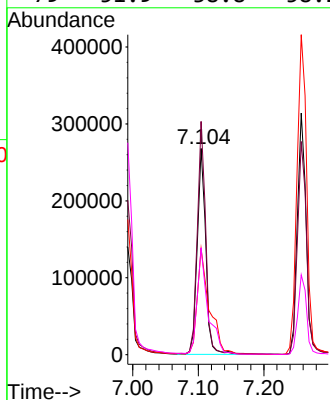
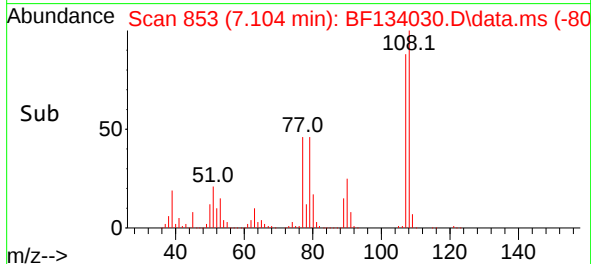


Tgt Ion:107 Resp: 24316
Ion Ratio Lower Upper
107 100
108 113.2 90.6 136.0
77 51.6 38.3 57.5
79 51.9 38.8 58.2

Manual Integrations

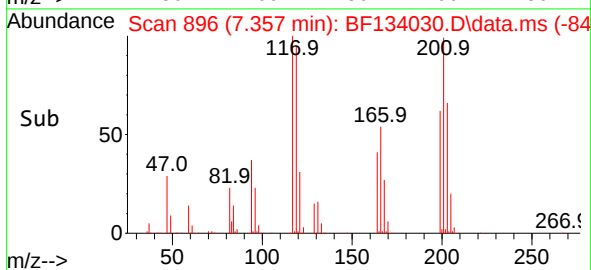
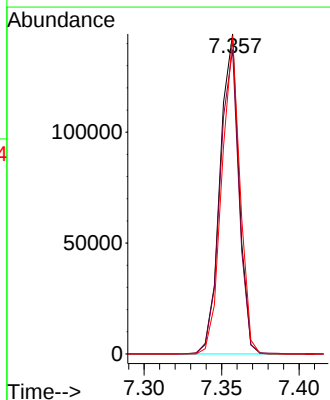
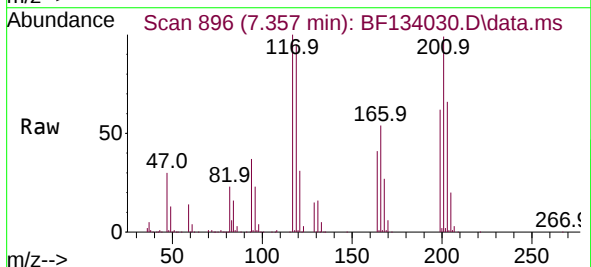
APPROVED

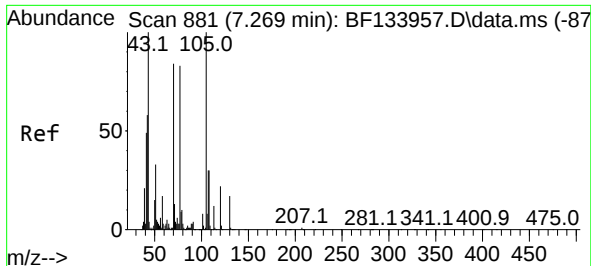
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#18
Hexachloroethane
Concen: 46.430 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

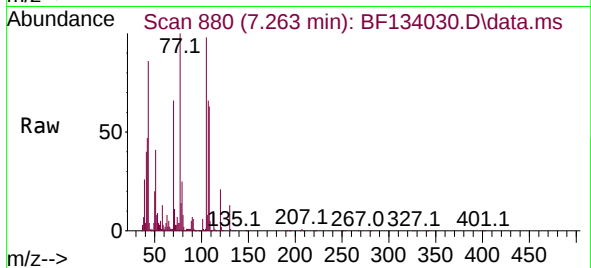
Tgt Ion:117 Resp: 122818
Ion Ratio Lower Upper
117 100
119 95.1 74.2 111.4
201 99.4 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 41.066 ng
RT: 7.263 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

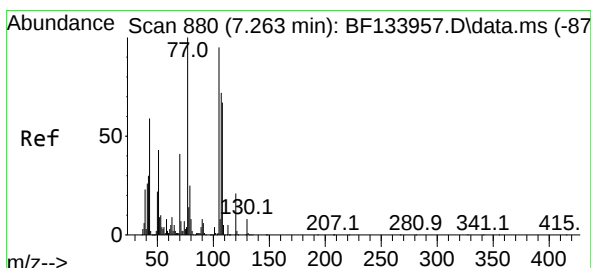
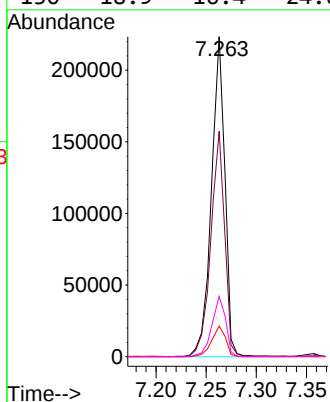
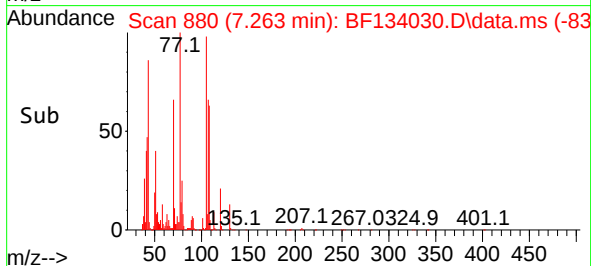
Instrument :
BNA_F
Client Sample Id :
PB153792BS



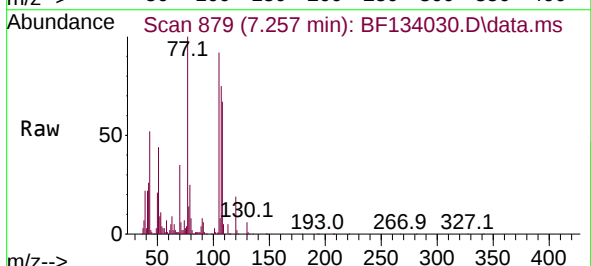
Tgt Ion: 70 Resp: 20902
Ion Ratio Lower Upper
70 100
42 70.4 54.7 82.1
101 9.6 7.7 11.5
130 18.9 16.4 24.6

Manual Integrations
APPROVED

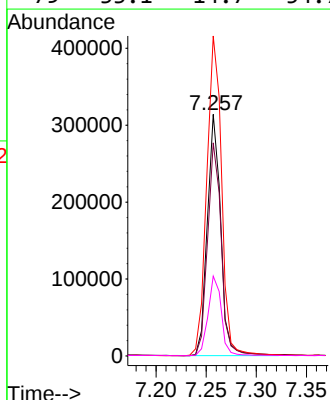
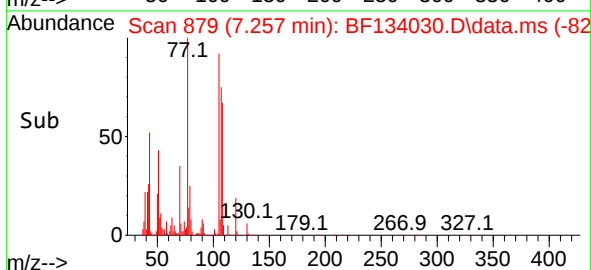
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

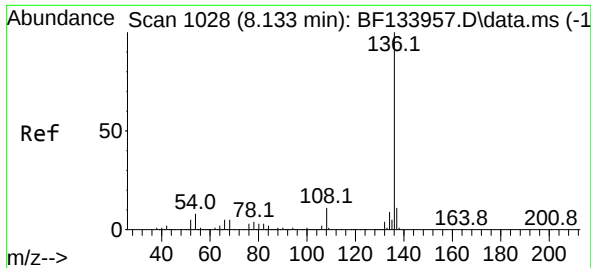


#20
3+4-Methylphenols
Concen: 40.741 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23



Tgt Ion:107 Resp: 293217
Ion Ratio Lower Upper
107 100
108 88.3 73.2 113.2
77 132.5 118.3 158.3
79 33.1 14.7 54.7





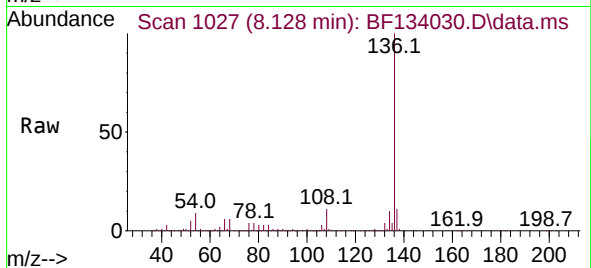
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

Instrument :

BNA_F

ClientSampleId :

PB153792BS



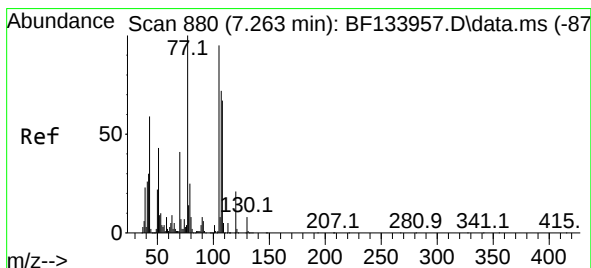
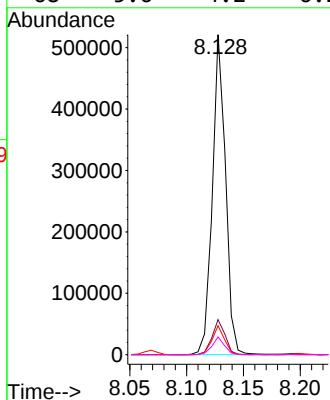
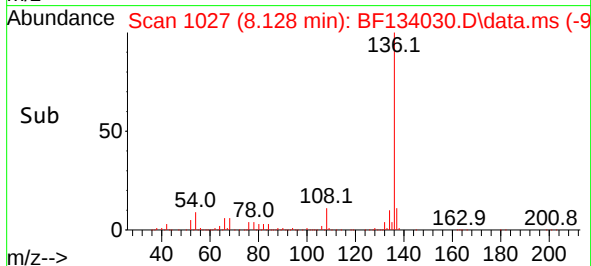
Tgt Ion:136 Resp: 41986
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.1 6.5 9.7
68 5.6 4.2 6.2

Manual Integrations

APPROVED

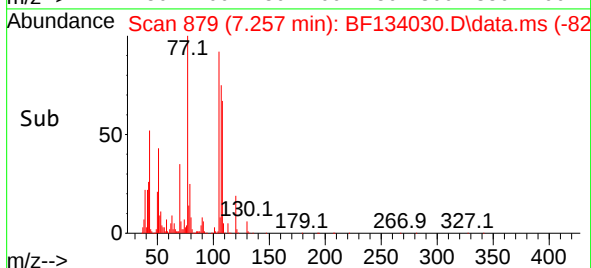
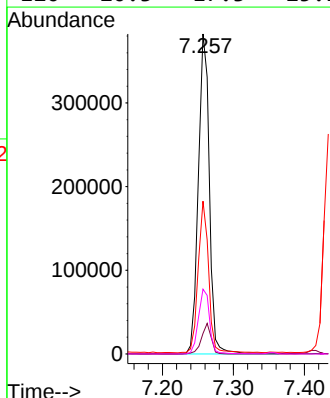
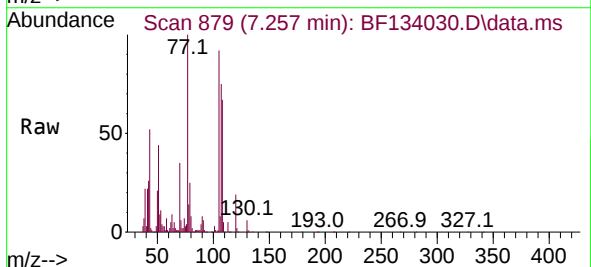
Reviewed By :Yogesh Patel 06/30/2023

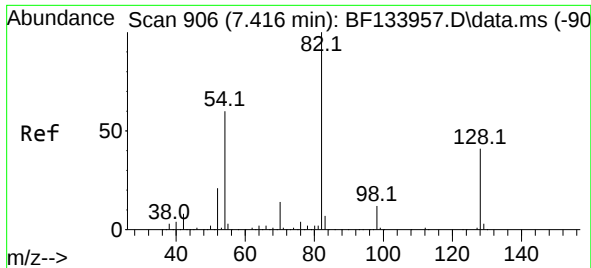
Supervised By :mohammad ahmed 06/30/2023



#22
Acetophenone
Concen: 43.349 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

Tgt Ion:105 Resp: 413926
Ion Ratio Lower Upper
105 100
71 6.4 5.5 8.3
51 47.8 36.5 54.7
120 20.3 17.3 25.9





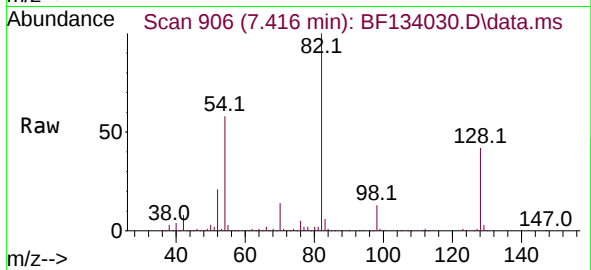
#23
Nitrobenzene-d5
Concen: 79.492 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

Instrument :

BNA_F

ClientSampleId :

PB153792BS

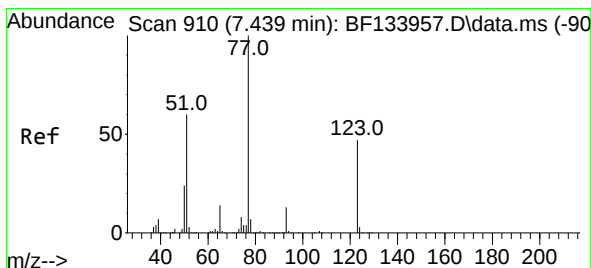
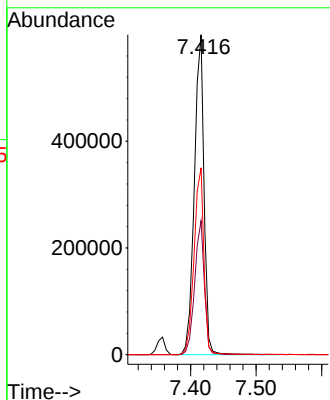
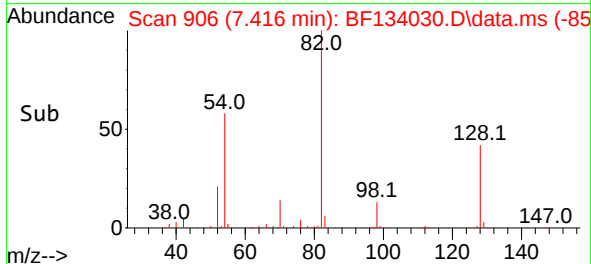


Tgt Ion: 82 Resp: 619154
Ion Ratio Lower Upper
82 100
128 41.9 32.5 48.7
54 58.4 48.2 72.2

Manual Integrations

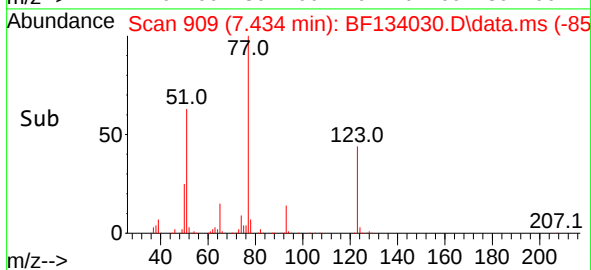
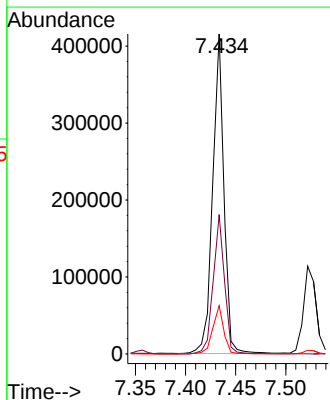
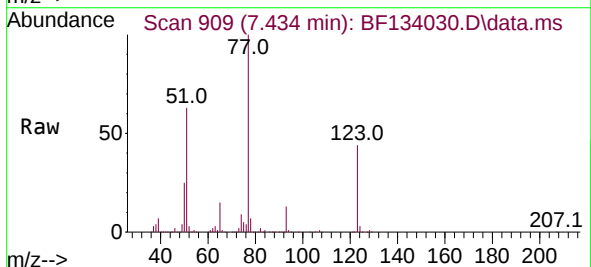
APPROVED

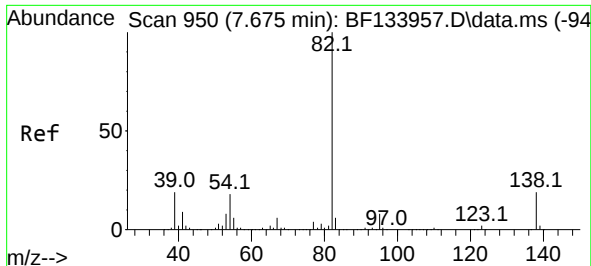
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#24
Nitrobenzene
Concen: 41.271 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

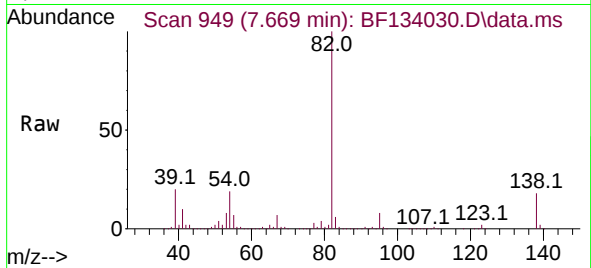
Tgt Ion: 77 Resp: 324836
Ion Ratio Lower Upper
77 100
123 43.5 37.8 56.6
65 15.1 11.3 16.9





#25
Isophorone
Concen: 40.852 ng
RT: 7.669 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

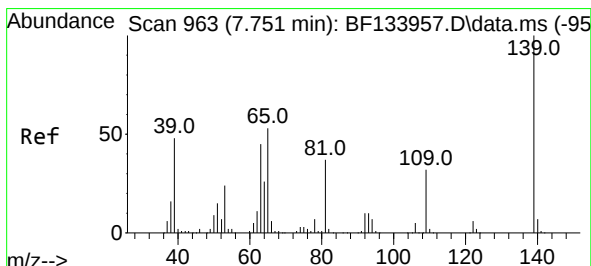
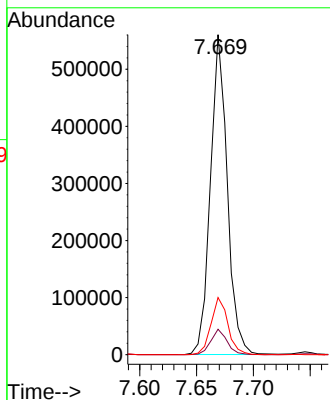
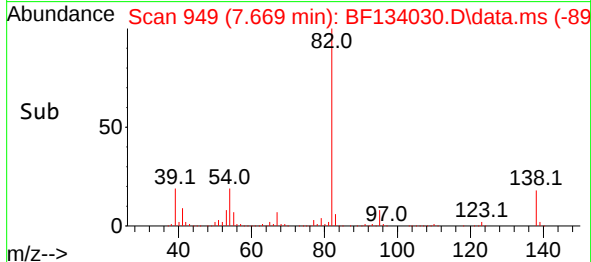
Instrument :
BNA_F
Client Sample Id :
PB153792BS



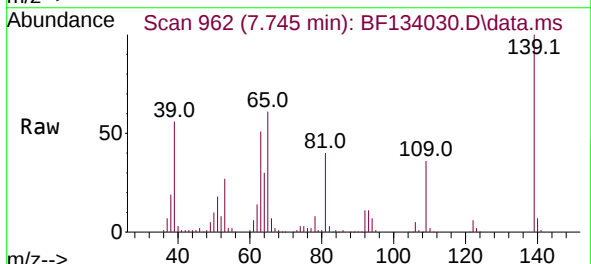
Tgt Ion: 82 Resp: 57829
Ion Ratio Lower Upper
82 100
95 8.0 6.1 9.1
138 17.8 15.2 22.8

Manual Integrations
APPROVED

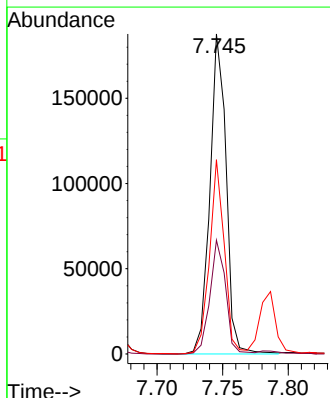
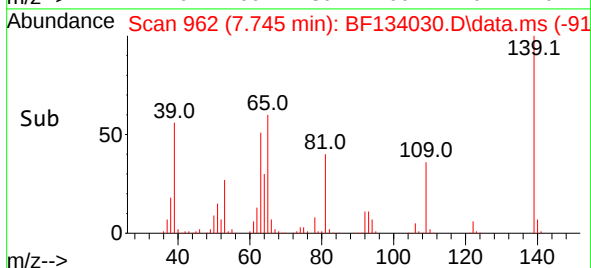
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

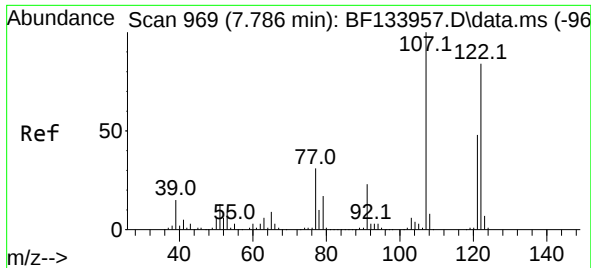


#26
2-Nitrophenol
Concen: 42.805 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23



Tgt Ion:139 Resp: 161622
Ion Ratio Lower Upper
139 100
109 35.6 25.8 38.8
65 60.7 42.4 63.6





#27
2,4-Dimethylphenol
Concen: 43.181 ng
RT: 7.786 min Scan# 969
Delta R.T. 0.000 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

Instrument :

BNA_F

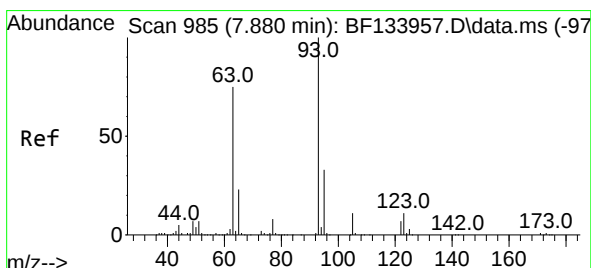
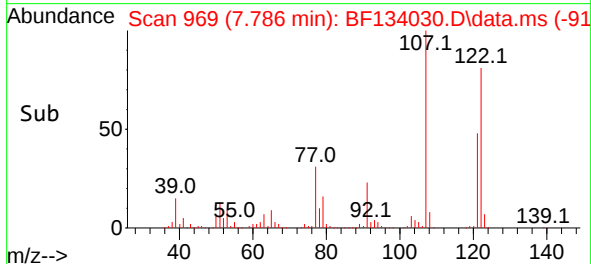
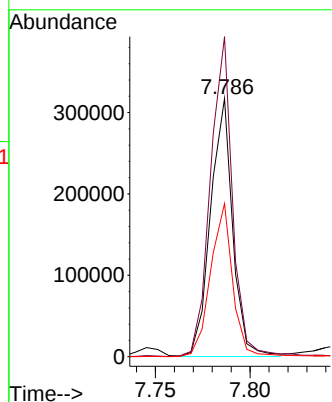
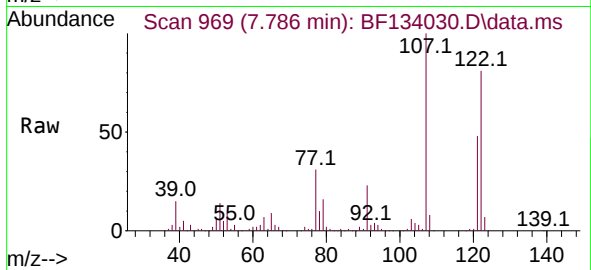
ClientSampleId :

PB153792BS

Tgt Ion:122 Resp: 258080
Ion Ratio Lower Upper
122 100
107 123.9 95.5 143.3
121 59.3 45.5 68.3

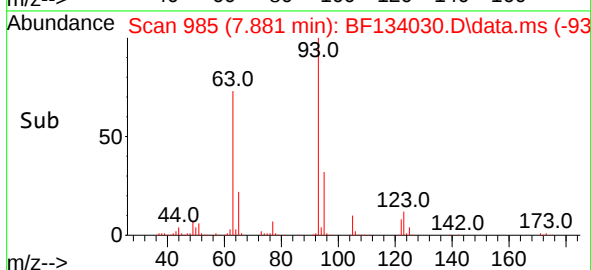
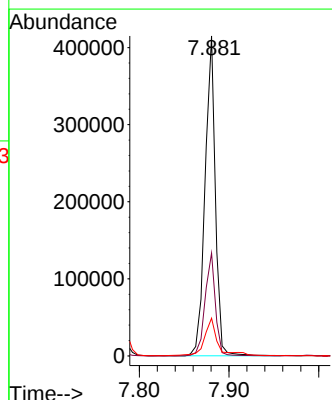
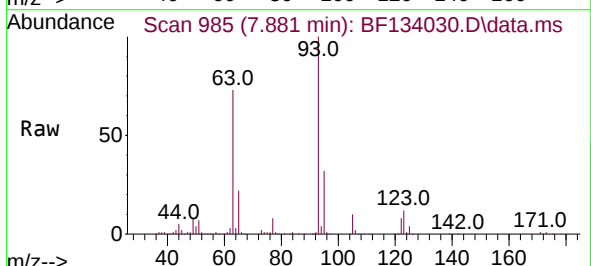
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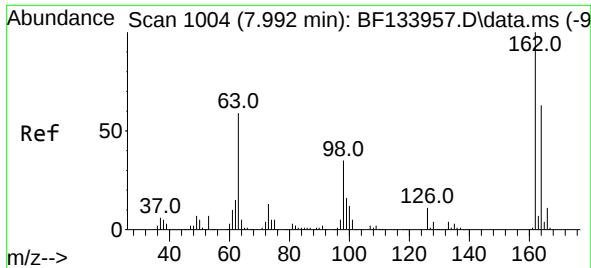
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#28
bis(2-Chloroethoxy)methane
Concen: 40.432 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

Tgt Ion: 93 Resp: 331403
Ion Ratio Lower Upper
93 100
95 32.2 26.5 39.7
123 11.8 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 41.896 ng

RT: 7.986 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BF134030.D

Acq: 29 Jun 2023 11:23

Instrument :

BNA_F

ClientSampleId :

PB153792BS

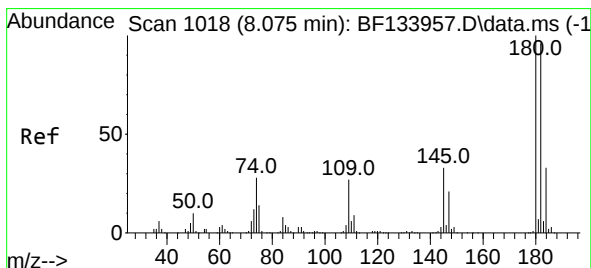
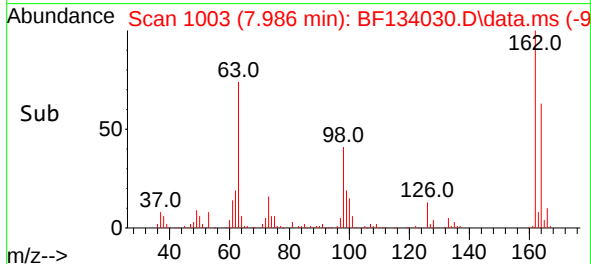
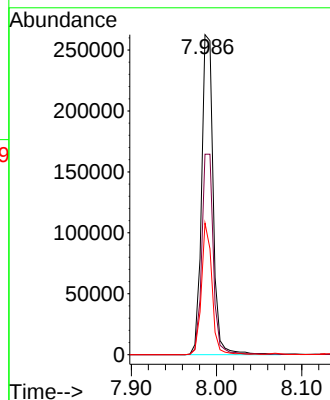
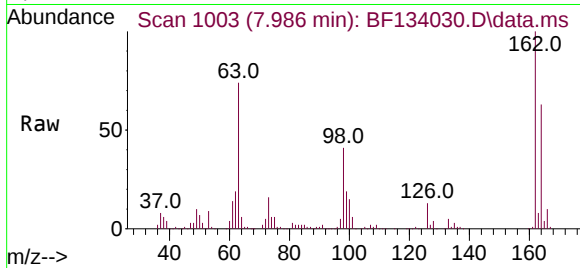
Tgt Ion:162	Resp: 24830
Ion Ratio	Lower Upper
162	100
164	62.7 43.2 83.2
98	41.1 14.9 54.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.342 ng

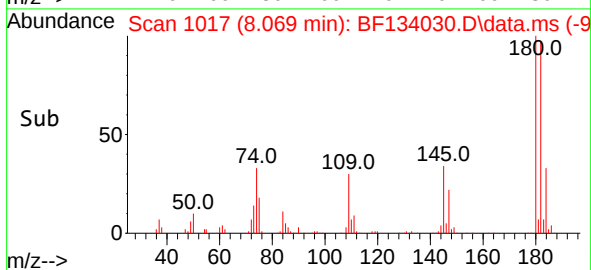
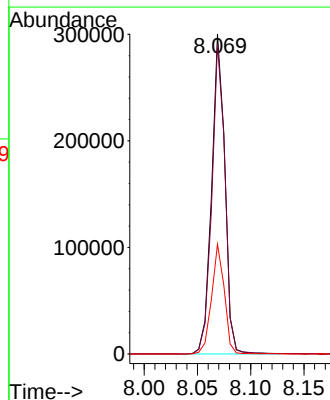
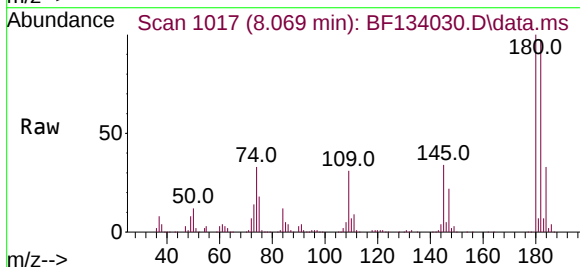
RT: 8.069 min Scan# 1017

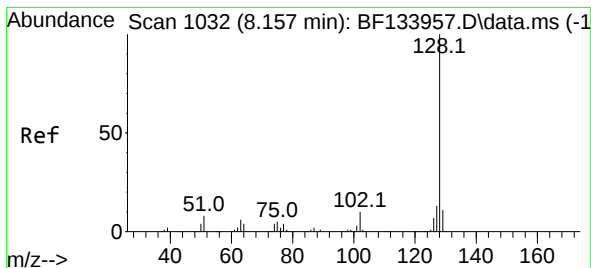
Delta R.T. -0.006 min

Lab File: BF134030.D

Acq: 29 Jun 2023 11:23

Tgt Ion:180	Resp: 258938
Ion Ratio	Lower Upper
180	100
182	96.9 77.1 115.7
145	34.3 26.0 39.0





#31

Naphthalene

Concen: 40.526 ng

RT: 8.151 min Scan# 1032

Delta R.T. -0.006 min

Lab File: BF134030.D

Acq: 29 Jun 2023 11:23

Instrument :

BNA_F

ClientSampleId :

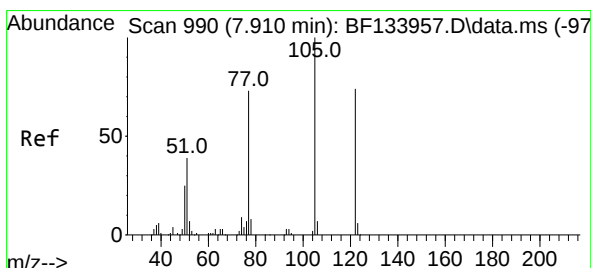
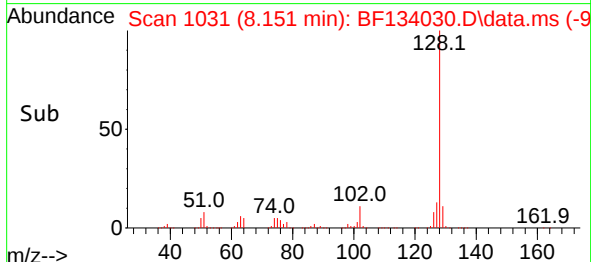
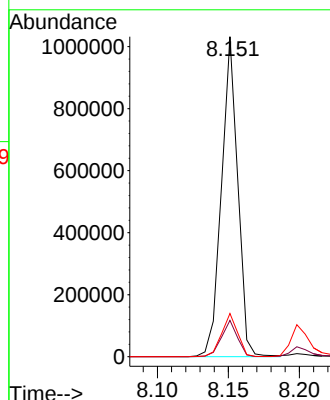
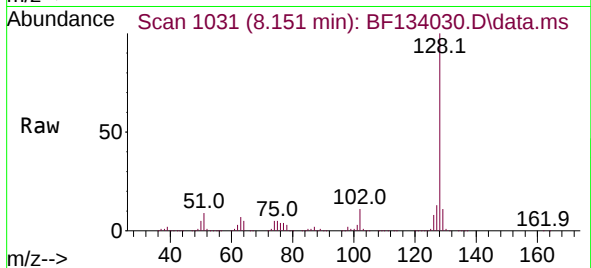
PB153792BS

Tgt Ion:128 Resp: 821902
 Ion Ratio Lower Upper
 128 100
 129 11.3 8.7 13.1
 127 13.5 10.6 15.8

Manual Integrations

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Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023



#32

Benzoic acid

Concen: 44.142 ng

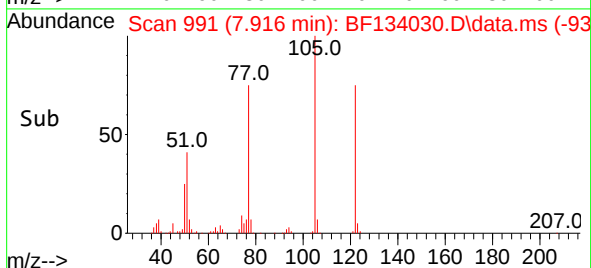
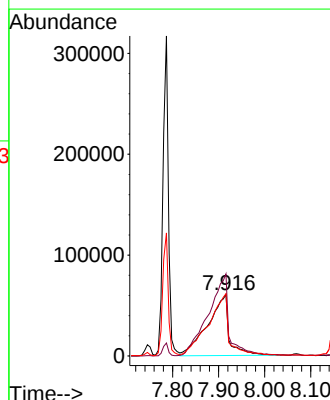
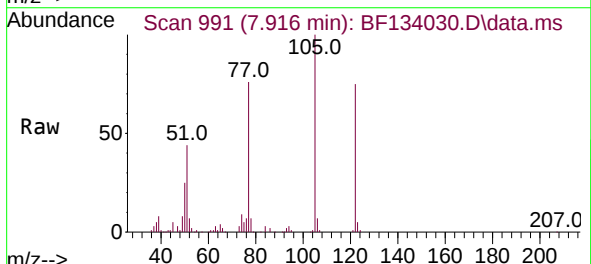
RT: 7.916 min Scan# 991

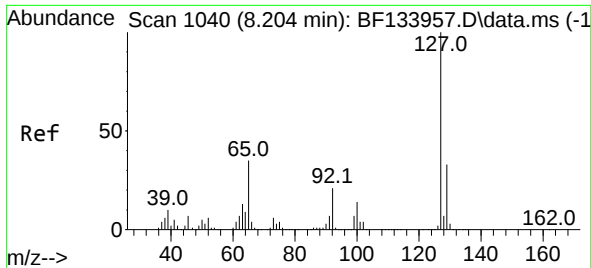
Delta R.T. 0.006 min

Lab File: BF134030.D

Acq: 29 Jun 2023 11:23

Tgt Ion:122 Resp: 197691
 Ion Ratio Lower Upper
 122 100
 105 133.7 109.7 149.7
 77 101.3 76.0 116.0





#33
4-Chloroaniline
Concen: 11.603 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

Instrument :

BNA_F

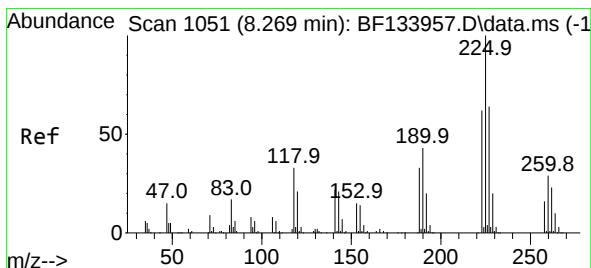
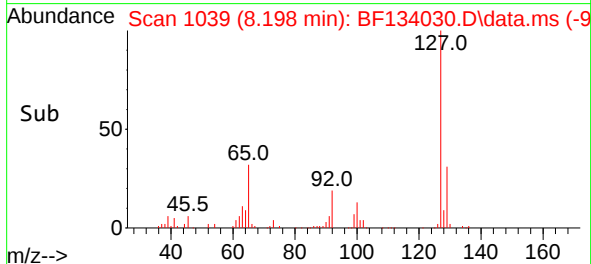
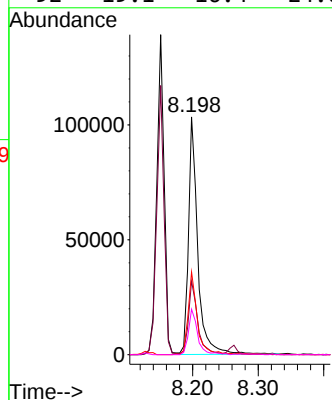
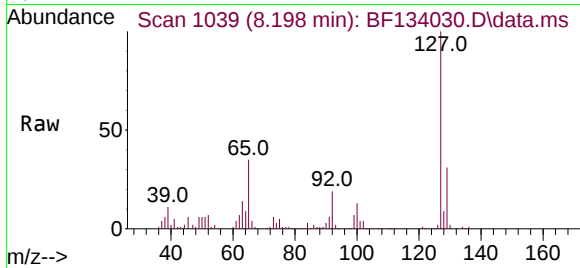
ClientSampleId :

PB153792BS

Tgt Ion:127 Resp: 100659
Ion Ratio Lower Upper
127 100
129 31.0 26.4 39.6
65 34.8 27.8 41.8
92 19.1 16.4 24.6

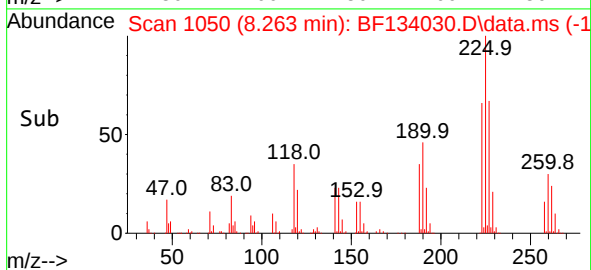
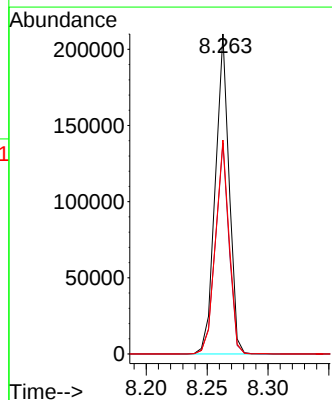
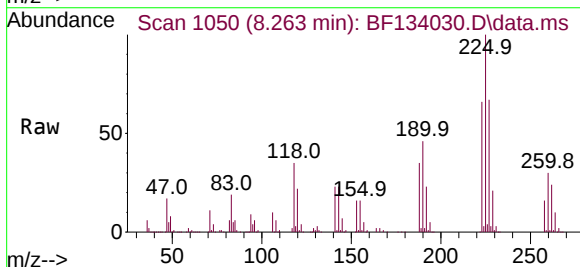
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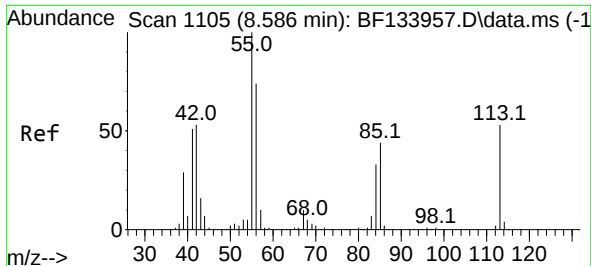
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#34
Hexachlorobutadiene
Concen: 42.958 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

Tgt Ion:225 Resp: 165716
Ion Ratio Lower Upper
225 100
223 66.0 49.8 74.8
227 66.9 51.0 76.4





#35
Caprolactam
Concen: 42.983 ng m
RT: 8.581 min Scan# 1104
Delta R.T. -0.006 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

Instrument :

BNA_F

ClientSampleId :

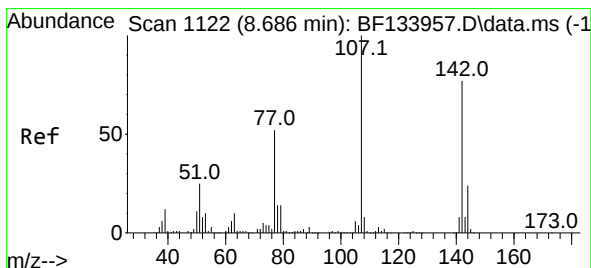
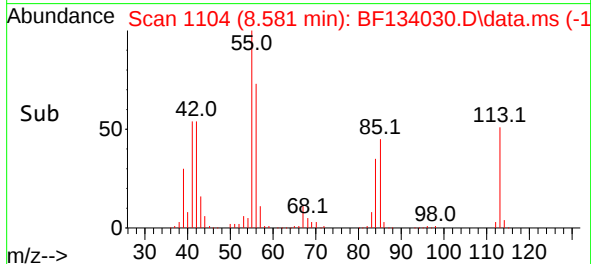
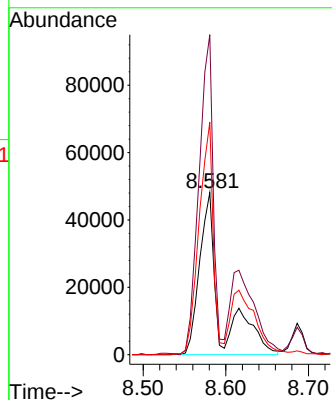
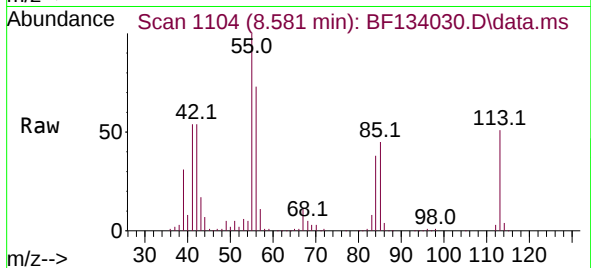
PB153792BS

Tgt Ion:113 Resp: 83879
Ion Ratio Lower Upper
113 100
55 197.4 170.2 210.2
56 143.4 121.4 161.4

Manual Integrations

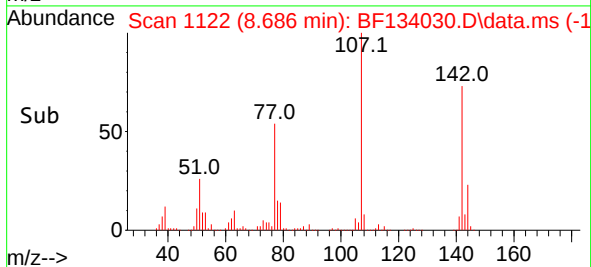
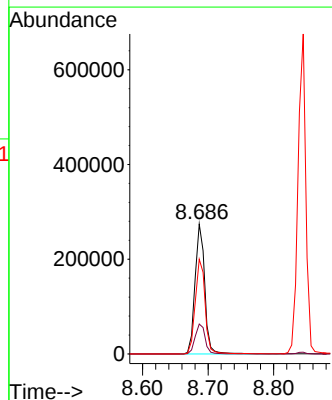
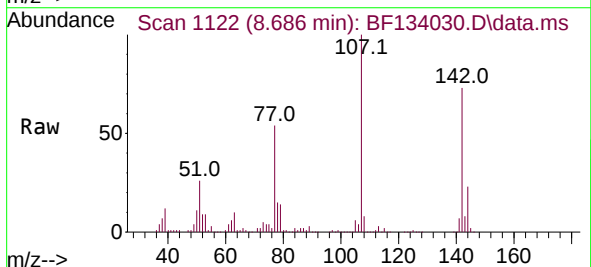
APPROVED

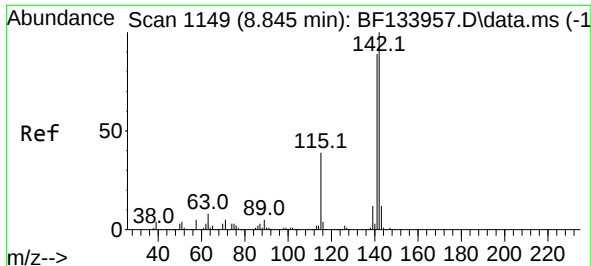
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#36
4-Chloro-3-methylphenol
Concen: 42.519 ng
RT: 8.686 min Scan# 1122
Delta R.T. 0.000 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

Tgt Ion:107 Resp: 283092
Ion Ratio Lower Upper
107 100
144 23.1 19.6 29.4
142 72.8 61.4 92.2





#37

2-Methylnaphthalene

Concen: 39.122 ng

RT: 8.845 min Scan# 1149

Delta R.T. 0.000 min

Lab File: BF134030.D

Acq: 29 Jun 2023 11:23

Instrument :

BNA_F

ClientSampleId :

PB153792BS

Tgt Ion:142 Resp: 56106

Ion Ratio Lower Upper

142 100

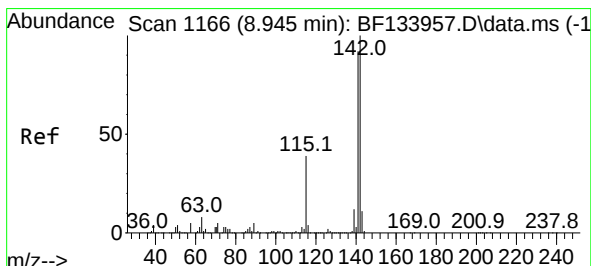
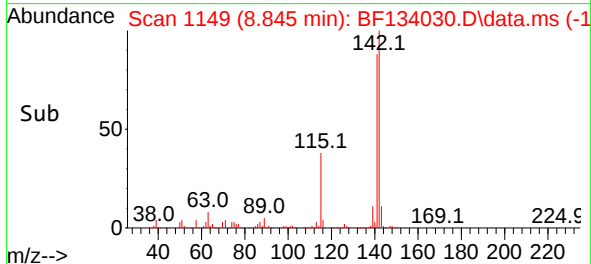
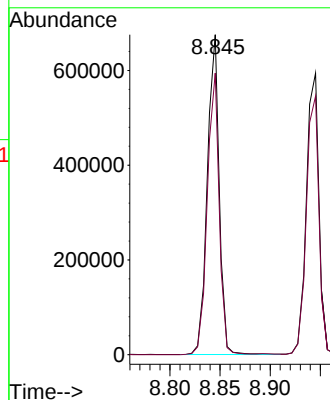
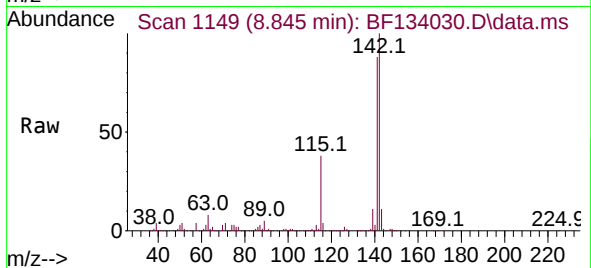
141 88.0 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#38

1-Methylnaphthalene

Concen: 38.700 ng

RT: 8.945 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF134030.D

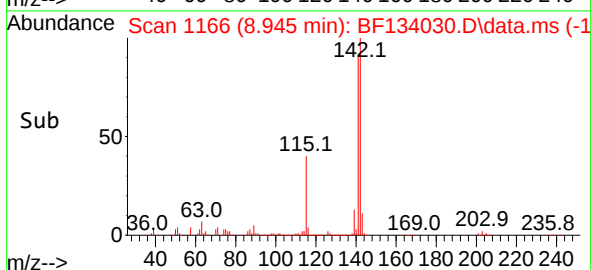
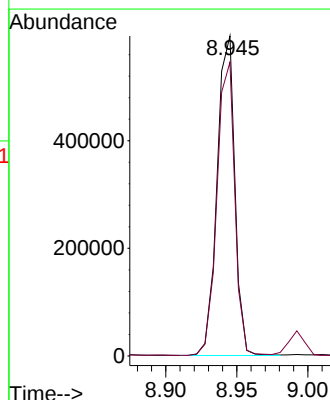
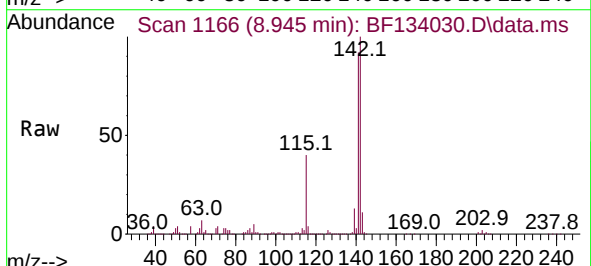
Acq: 29 Jun 2023 11:23

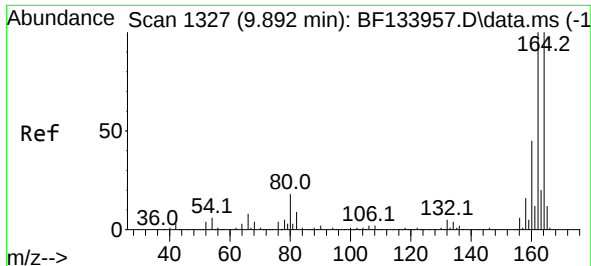
Tgt Ion:142 Resp: 515977

Ion Ratio Lower Upper

142 100

141 91.8 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134030.D

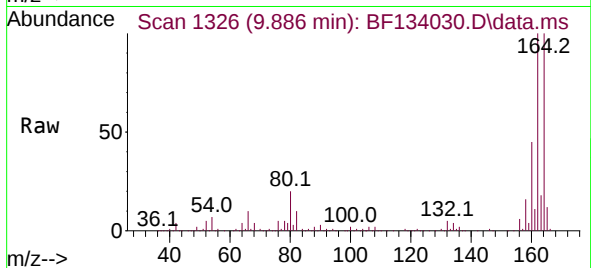
Acq: 29 Jun 2023 11:23

Instrument :

BNA_F

ClientSampleId :

PB153792BS

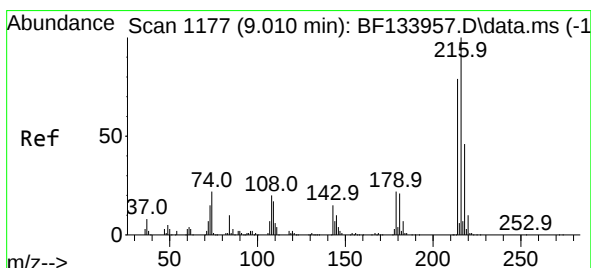
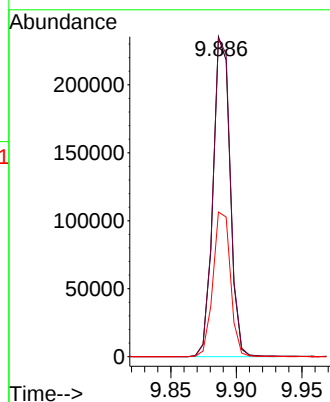


Tgt Ion:164 Resp: 21282

Ion	Ratio	Lower	Upper
164	100		
162	99.5	80.0	120.0
160	45.2	35.9	53.9

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Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#40

1,2,4,5-Tetrachlorobenzene

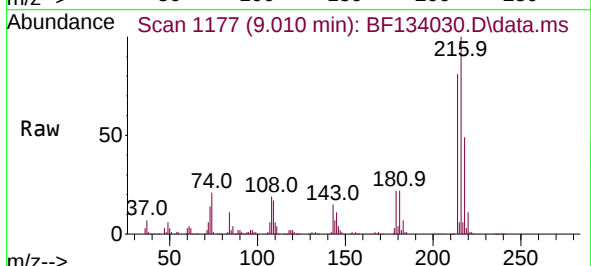
Concen: 42.562 ng

RT: 9.010 min Scan# 1177

Delta R.T. 0.000 min

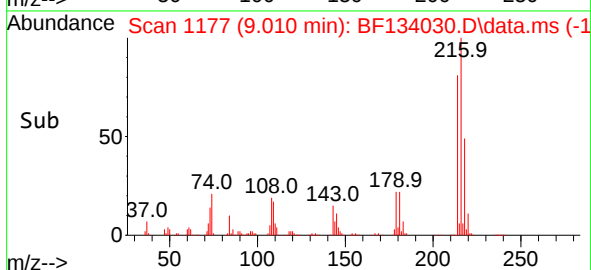
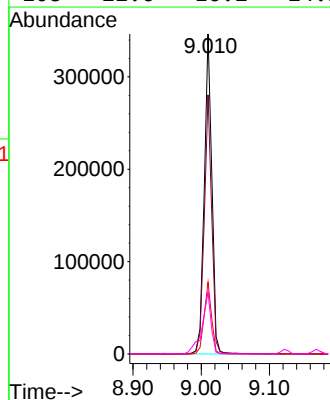
Lab File: BF134030.D

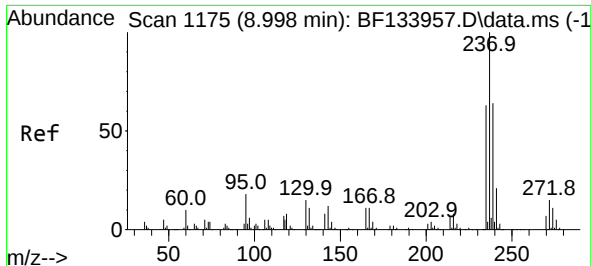
Acq: 29 Jun 2023 11:23



Tgt Ion:216 Resp: 268358

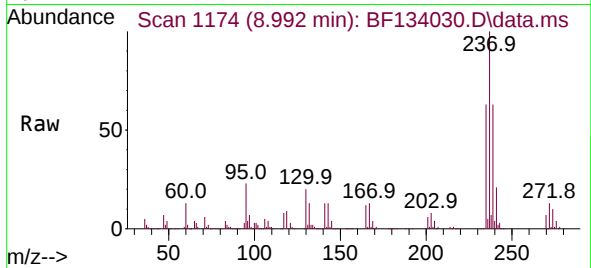
Ion	Ratio	Lower	Upper
216	100		
214	79.7	64.1	96.1
179	21.8	17.3	25.9
108	22.6	16.2	24.2





#41
Hexachlorocyclopentadiene
Concen: 95.968 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

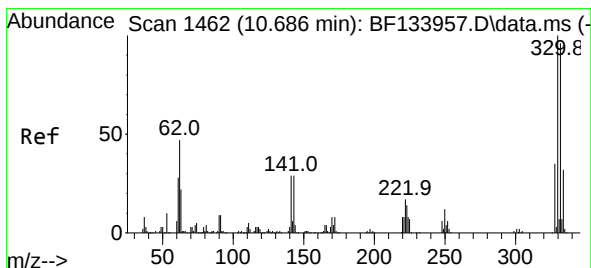
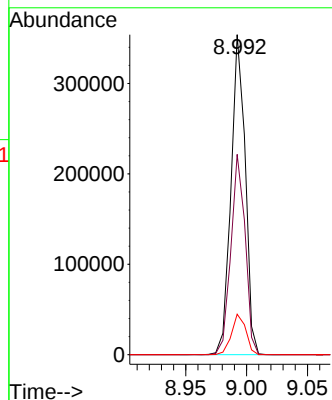
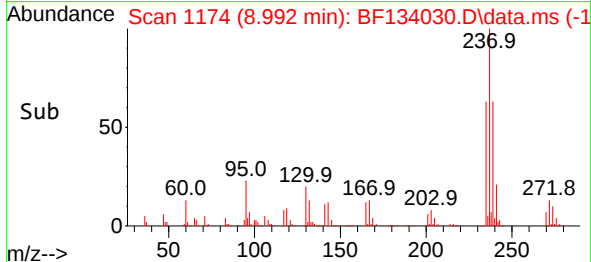
Instrument :
BNA_F
Client Sample Id :
PB153792BS



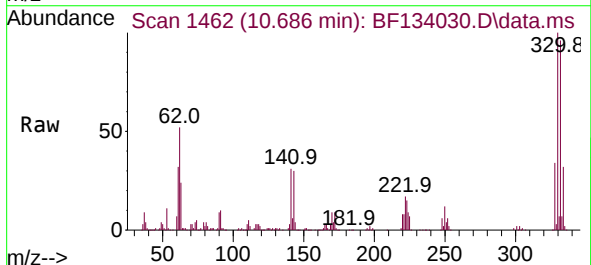
Tgt Ion: 237 Resp: 287068
Ion Ratio Lower Upper
237 100
235 62.6 42.8 82.8
272 12.7 0.0 34.6

Manual Integrations
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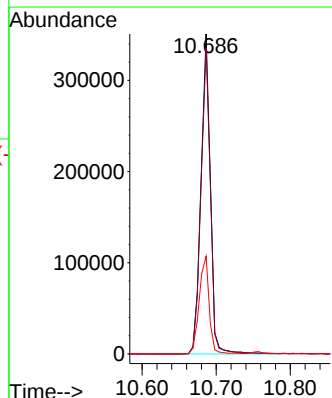
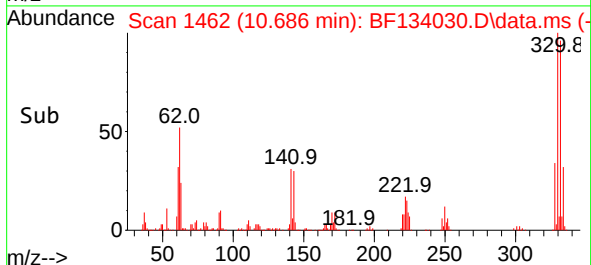
Reviewed By : Yogesh Patel 06/30/2023
Supervised By : mohammad ahmed 06/30/2023

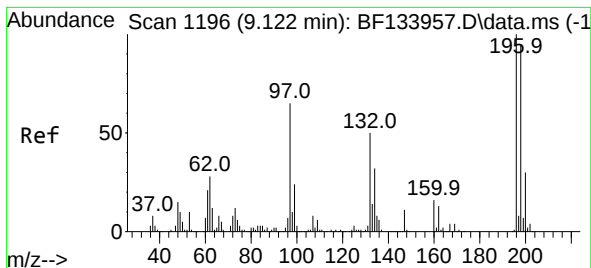


#42
2,4,6-Tribromophenol
Concen: 116.047 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23



Tgt Ion: 330 Resp: 309654
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 32.2 26.3 39.5





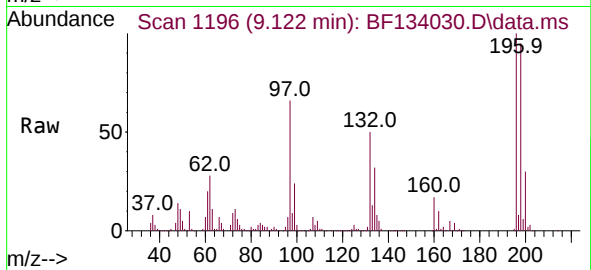
#43
2,4,6-Trichlorophenol
Concen: 41.624 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

Instrument :

BNA_F

ClientSampleId :

PB153792BS

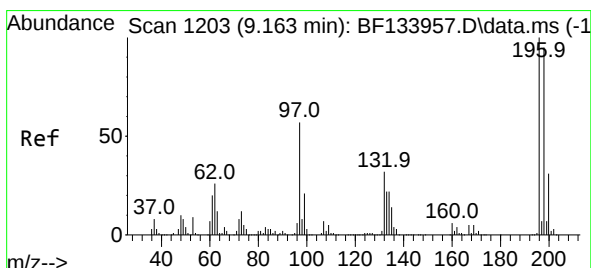
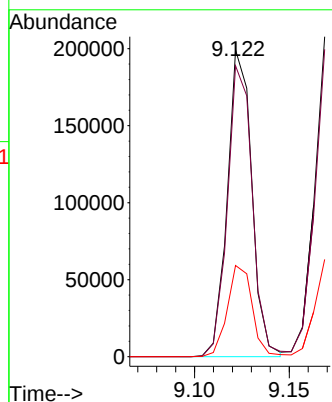
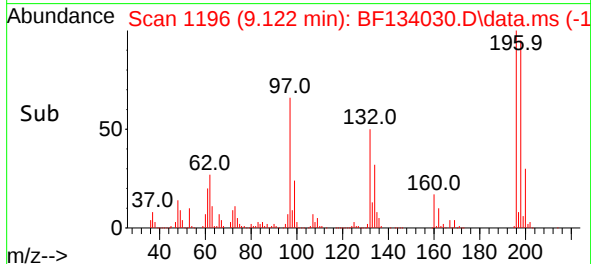


Tgt Ion:196 Resp: 17865
Ion Ratio Lower Upper
196 100
198 94.9 75.6 113.4
200 29.8 24.4 36.6

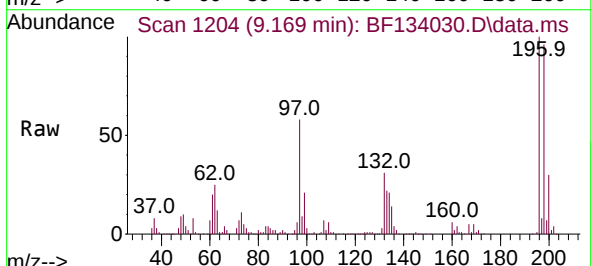
Manual Integrations

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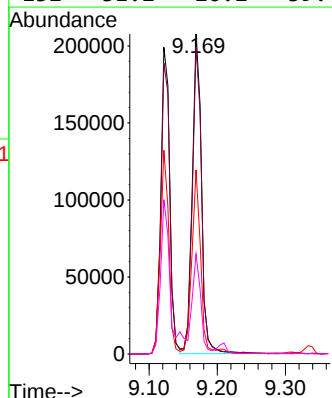
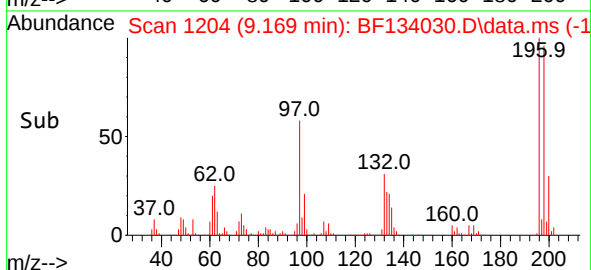
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

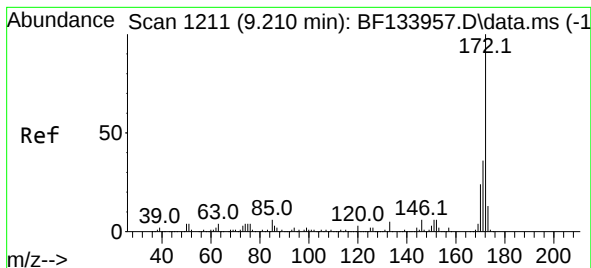


#44
2,4,5-Trichlorophenol
Concen: 38.516 ng
RT: 9.169 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23



Tgt Ion:196 Resp: 194460
Ion Ratio Lower Upper
196 100
198 96.0 75.7 113.5
97 57.5 45.8 68.6
132 31.2 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 77.992 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.000 min

Lab File: BF134030.D

Acq: 29 Jun 2023 11:23

Instrument :

BNA_F

ClientSampleId :

PB153792BS

Tgt Ion:172 Resp: 1141654

Ion Ratio Lower Upper

172 100

171 35.2 28.6 43.0

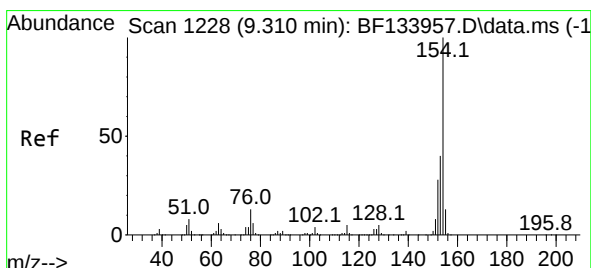
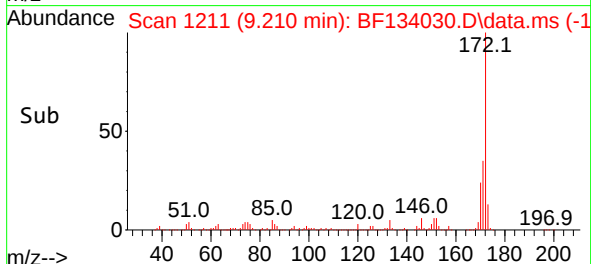
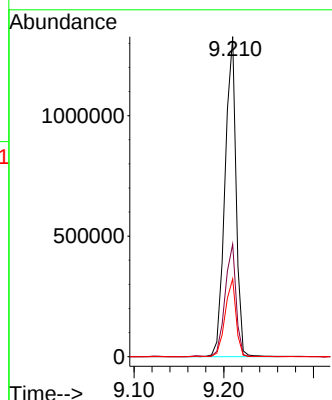
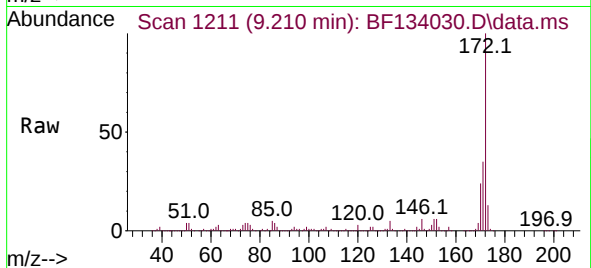
170 24.3 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#46

1,1'-Biphenyl

Concen: 41.746 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF134030.D

Acq: 29 Jun 2023 11:23

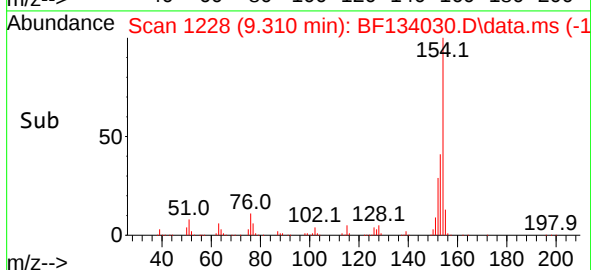
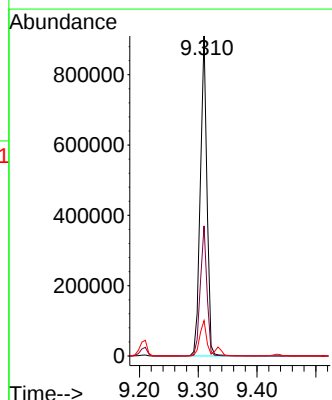
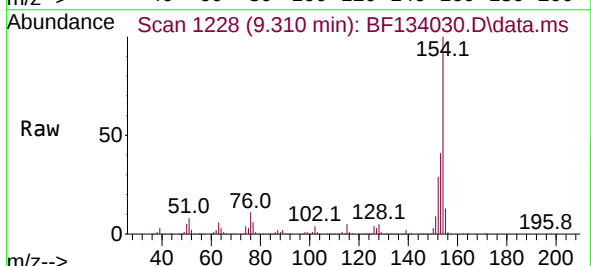
Tgt Ion:154 Resp: 712672

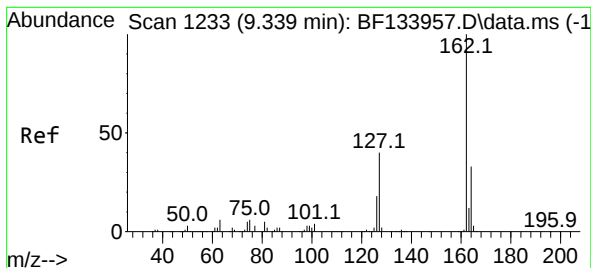
Ion Ratio Lower Upper

154 100

153 40.7 19.8 59.8

76 11.1 0.0 32.9





#47
2-Chloronaphthalene
Concen: 42.111 ng
RT: 9.333 min Scan# 1233
Delta R.T. -0.006 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

Instrument :

BNA_F

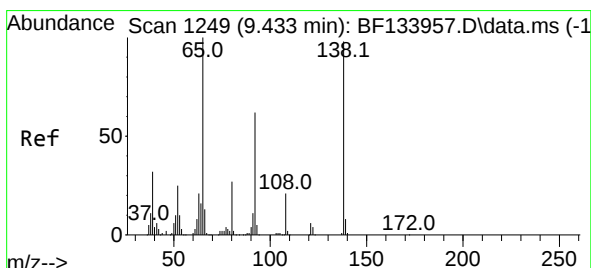
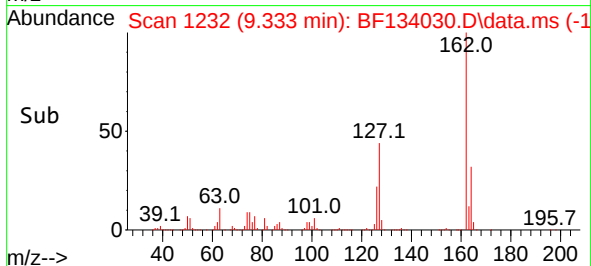
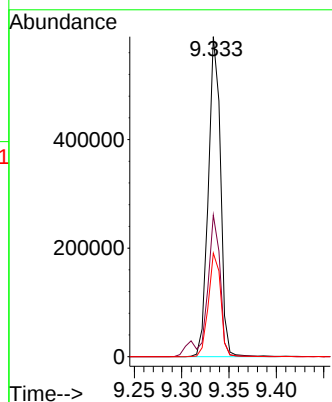
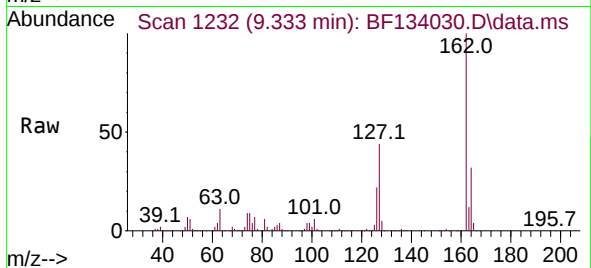
ClientSampleId :

PB153792BS

Tgt Ion:162 Resp: 525990
Ion Ratio Lower Upper
162 100
127 44.3 32.9 49.3
164 32.4 26.1 39.1

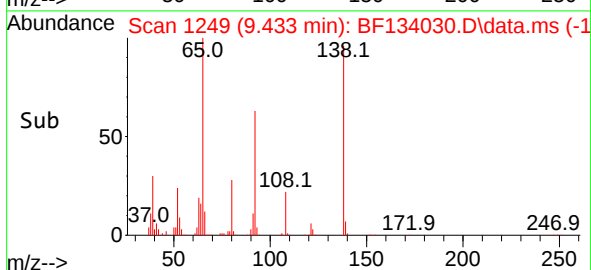
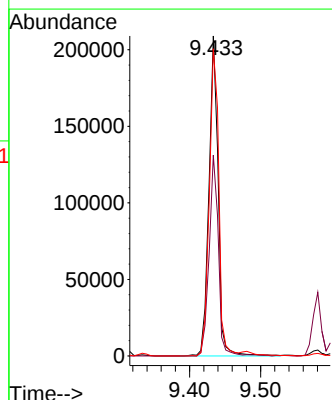
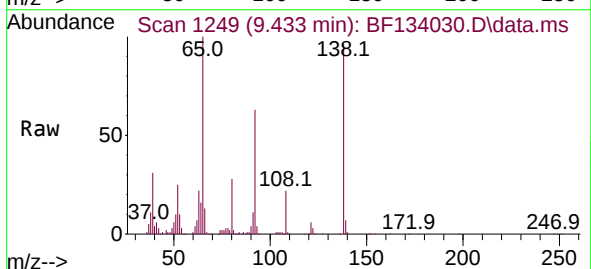
Manual Integrations
APPROVED

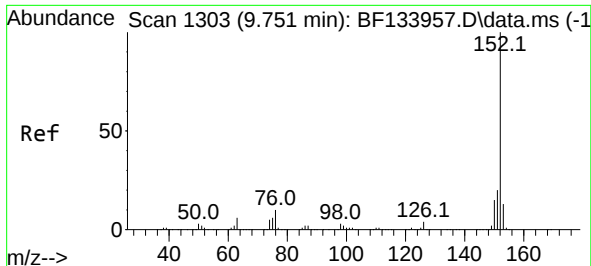
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#48
2-Nitroaniline
Concen: 41.426 ng
RT: 9.433 min Scan# 1249
Delta R.T. 0.000 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

Tgt Ion: 65 Resp: 188582
Ion Ratio Lower Upper
65 100
92 62.7 49.5 74.3
138 96.0 78.0 117.0





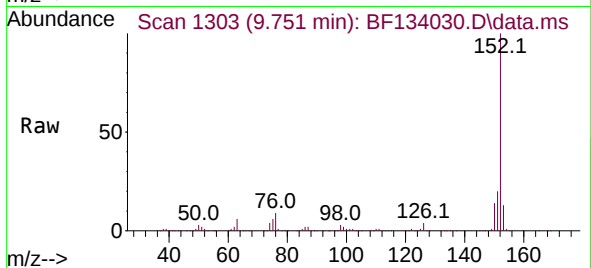
#49
Acenaphthylene
Concen: 40.717 ng
RT: 9.751 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

Instrument :

BNA_F

ClientSampleId :

PB153792BS

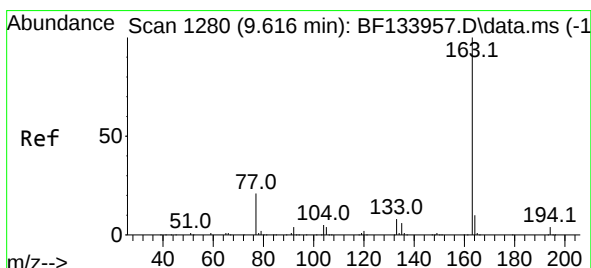
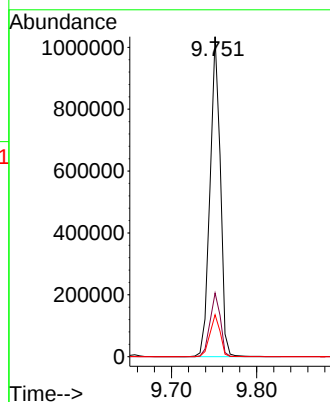
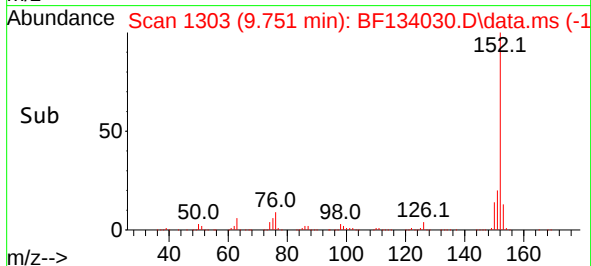


Tgt Ion:152 Resp: 868799
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 13.1 10.8 16.2

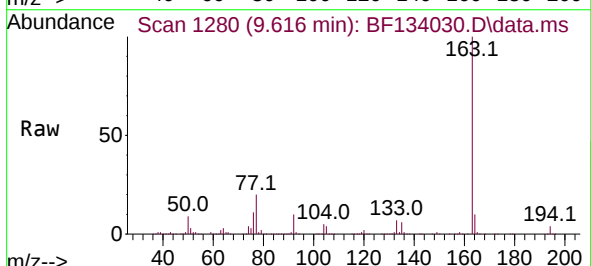
Manual Integrations

APPROVED

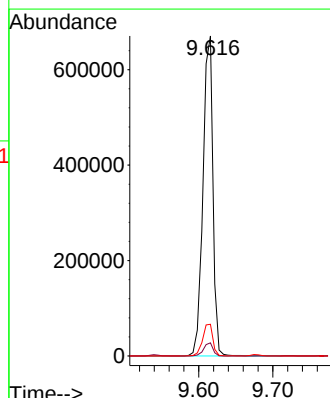
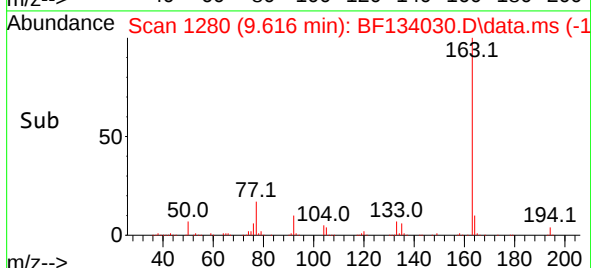
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

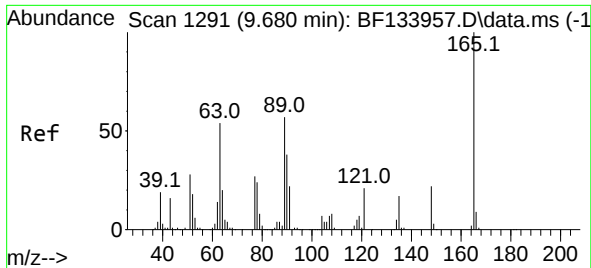


#50
Dimethylphthalate
Concen: 40.705 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23



Tgt Ion:163 Resp: 628834
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 9.9 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 42.325 ng
RT: 9.675 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

Instrument :

BNA_F

ClientSampleId :

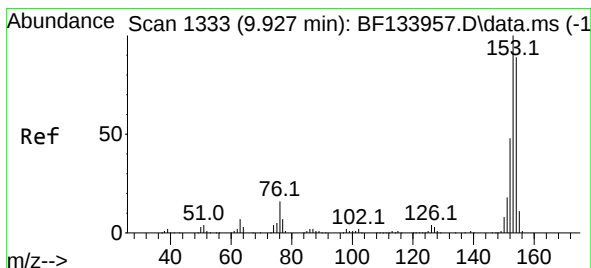
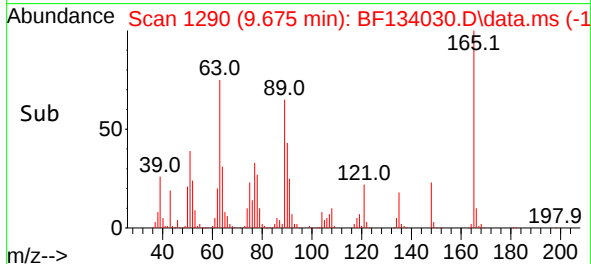
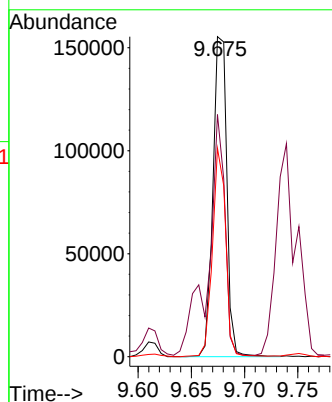
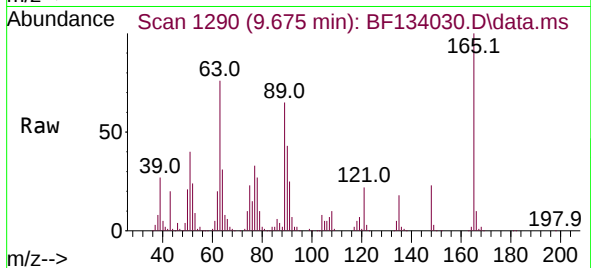
PB153792BS

Tgt Ion:165 Resp: 140832
Ion Ratio Lower Upper
165 100
63 75.6 48.5 72.7
89 65.1 45.5 68.3

Manual Integrations

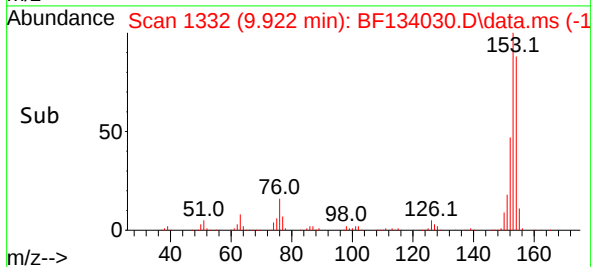
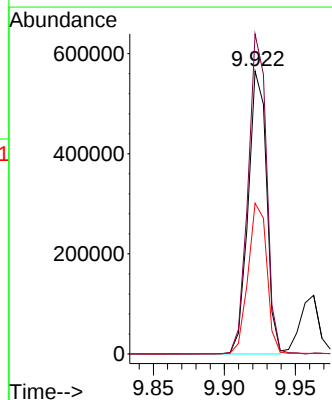
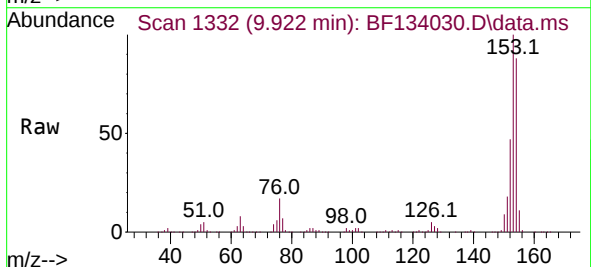
APPROVED

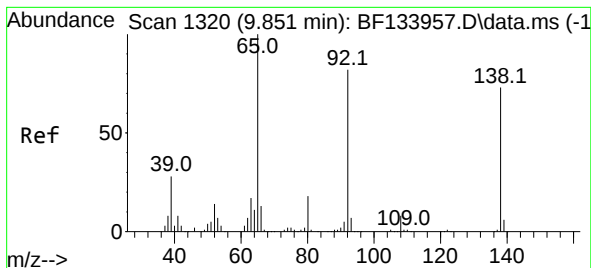
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#52
Acenaphthene
Concen: 41.271 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.005 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

Tgt Ion:154 Resp: 510983
Ion Ratio Lower Upper
154 100
153 113.1 89.4 134.2
152 53.3 42.8 64.2





#53

3-Nitroaniline

Concen: 24.393 ng

RT: 9.845 min Scan# 1319

Delta R.T. -0.006 min

Lab File: BF134030.D

Acq: 29 Jun 2023 11:23

Instrument :

BNA_F

ClientSampleId :

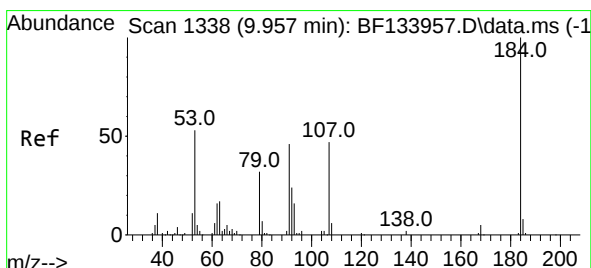
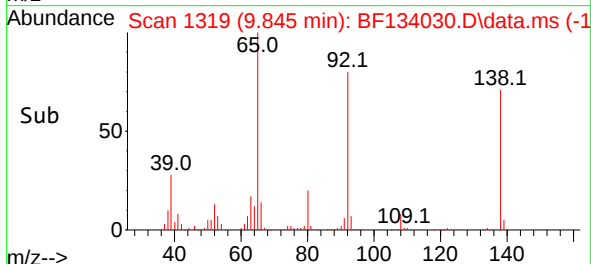
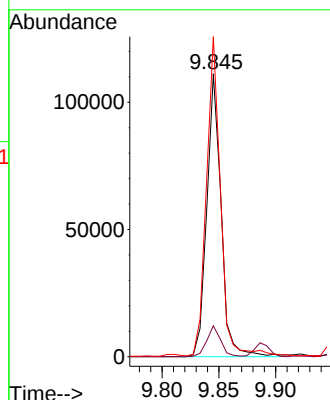
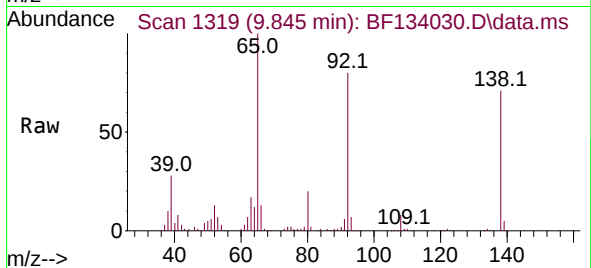
PB153792BS

Tgt Ion:138 Resp: 97370
 Ion Ratio Lower Upper
 138 100
 108 10.9 8.4 12.6
 92 113.1 90.1 135.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023



#54

2,4-Dinitrophenol

Concen: 82.776 ng

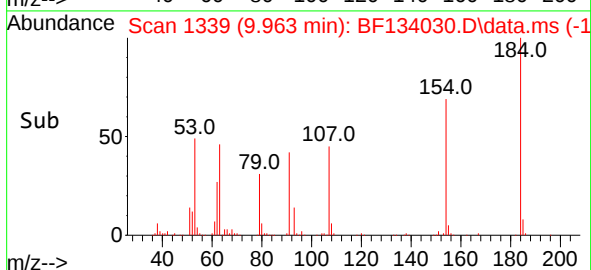
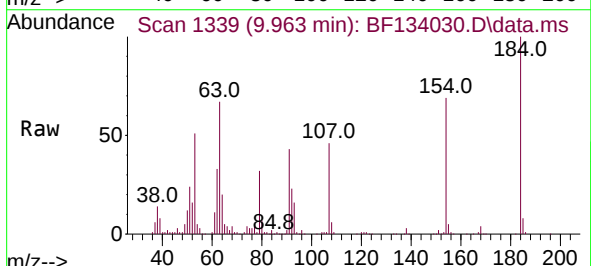
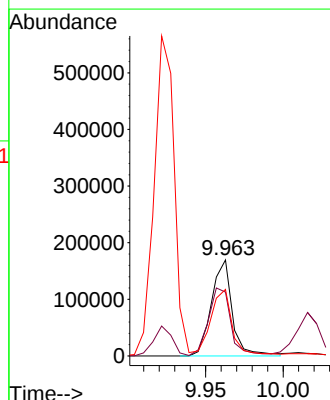
RT: 9.963 min Scan# 1339

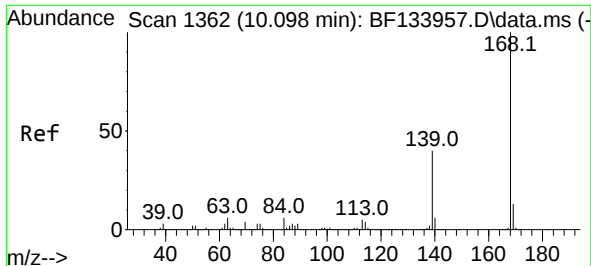
Delta R.T. 0.006 min

Lab File: BF134030.D

Acq: 29 Jun 2023 11:23

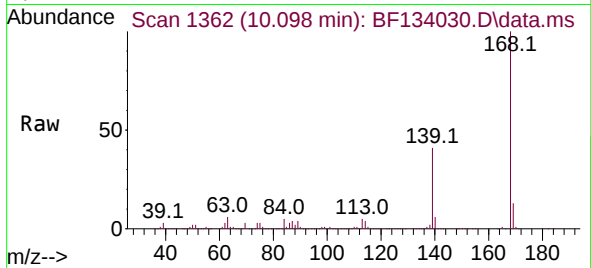
Tgt Ion:184 Resp: 159333
 Ion Ratio Lower Upper
 184 100
 63 66.5 56.9 85.3
 154 69.2 55.4 83.0





#55
Dibenzenofuran
Concen: 40.295 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

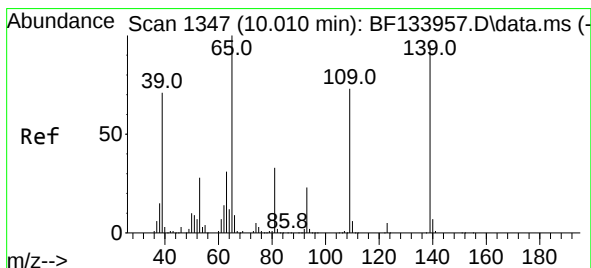
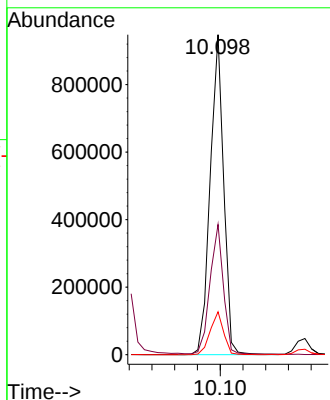
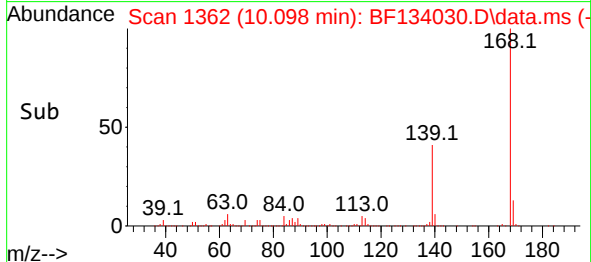
Instrument :
BNA_F
ClientSampleId :
PB153792BS



Tgt Ion:168 Resp: 779698
Ion Ratio Lower Upper
168 100
139 40.7 32.0 48.0
169 13.4 10.6 16.0

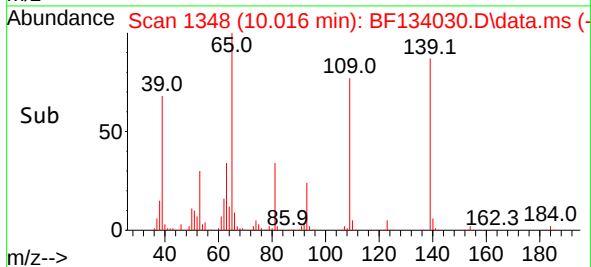
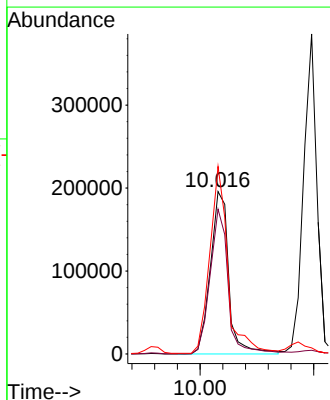
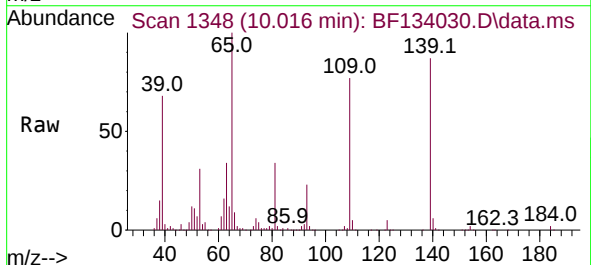
Manual Integrations
APPROVED

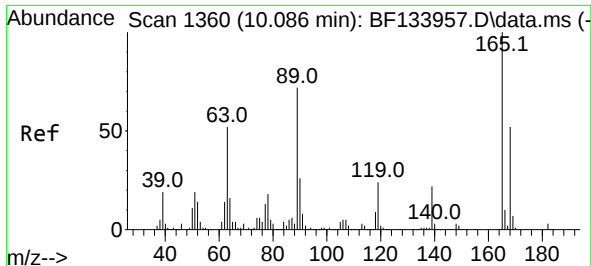
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#56
4-Nitrophenol
Concen: 78.903 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

Tgt Ion:139 Resp: 220313
Ion Ratio Lower Upper
139 100
109 89.2 56.8 96.8
65 115.6 86.1 126.1





#57
2,4-Dinitrotoluene
Concen: 42.301 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

Instrument :

BNA_F

ClientSampleId :

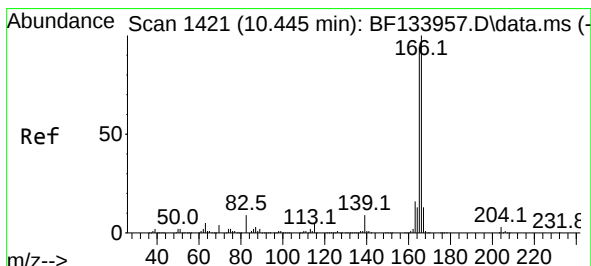
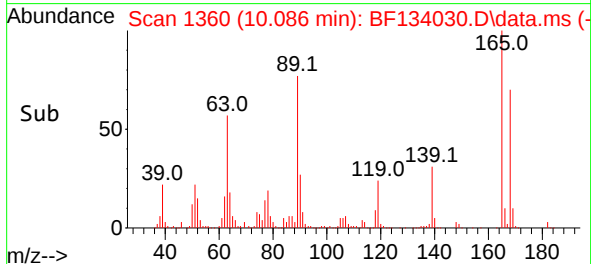
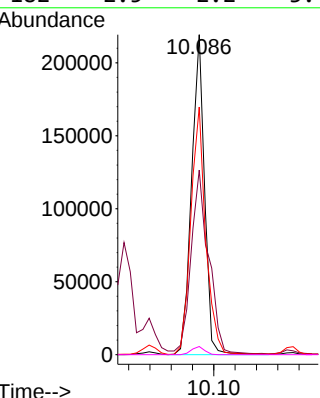
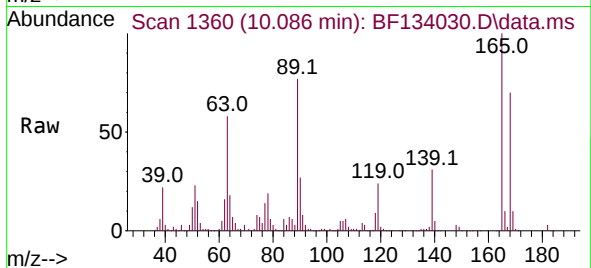
PB153792BS

Tgt Ion:165 Resp: 18588
Ion Ratio Lower Upper
165 100
63 57.7 42.2 63.2
89 77.4 57.4 86.2
182 2.5 2.2 3.4

Manual Integrations

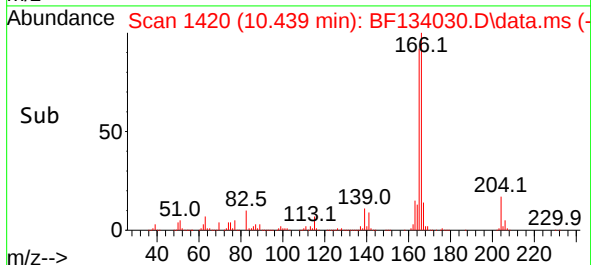
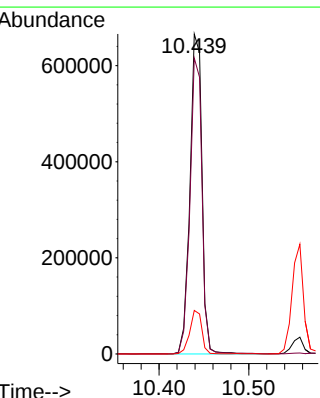
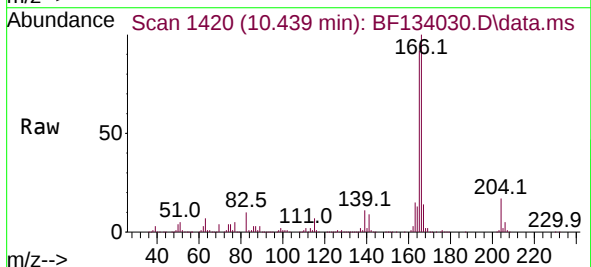
APPROVED

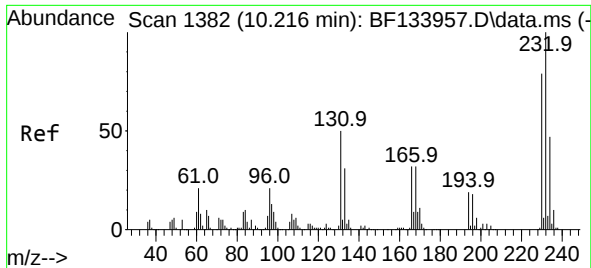
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#58
Fluorene
Concen: 41.139 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

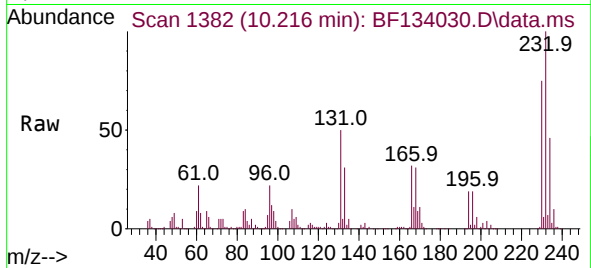
Tgt Ion:166 Resp: 619307
Ion Ratio Lower Upper
166 100
165 92.5 75.0 112.4
167 13.6 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.100 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

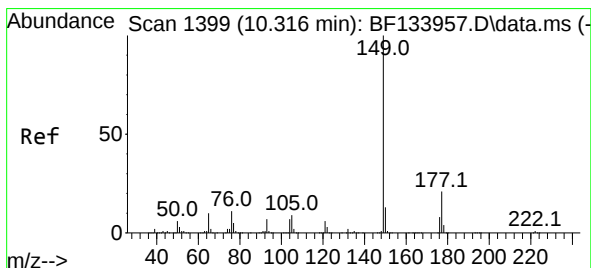
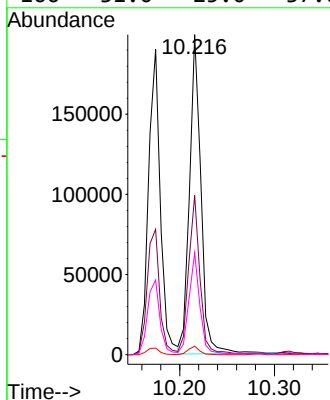
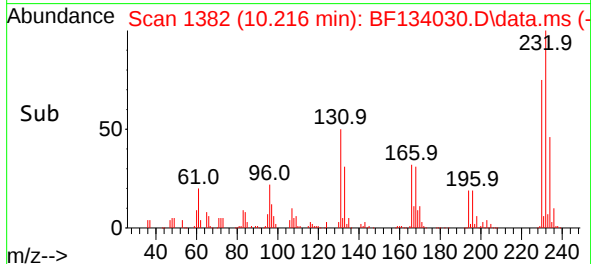
Instrument :
BNA_F
Client Sample Id :
PB153792BS



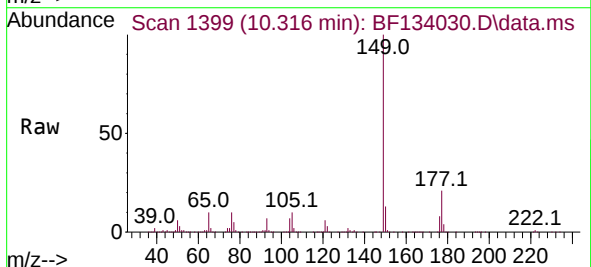
Tgt Ion:232 Resp: 167664
Ion Ratio Lower Upper
232 100
131 50.1 39.3 58.9
130 2.6 1.8 2.6
166 31.0 25.0 37.6

Manual Integrations
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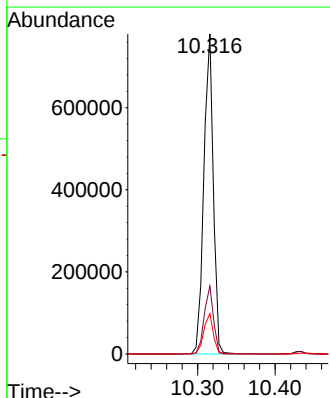
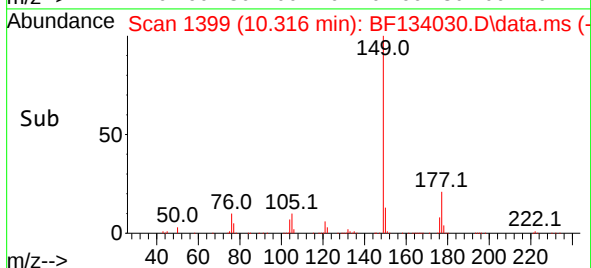
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

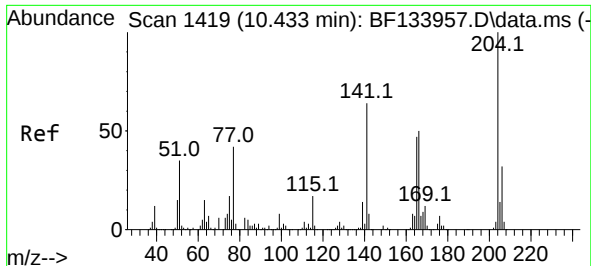


#60
Diethylphthalate
Concen: 41.048 ng
RT: 10.316 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23



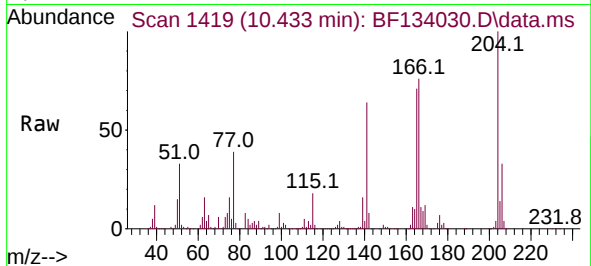
Tgt Ion:149 Resp: 660682
Ion Ratio Lower Upper
149 100
177 21.2 17.0 25.6
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 40.271 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

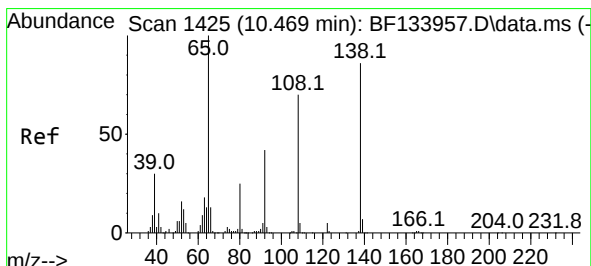
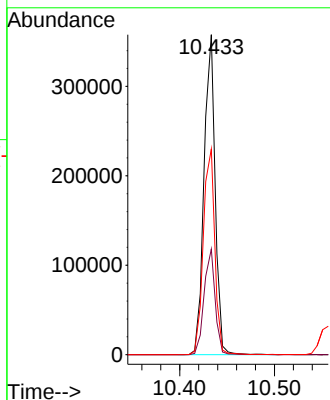
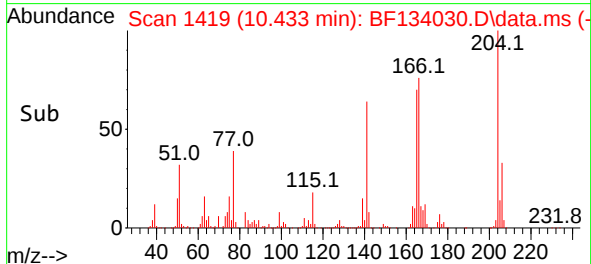
Instrument :
BNA_F
ClientSampleId :
PB153792BS



Tgt Ion:204 Resp: 292152
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.6
141 64.2 51.5 77.3

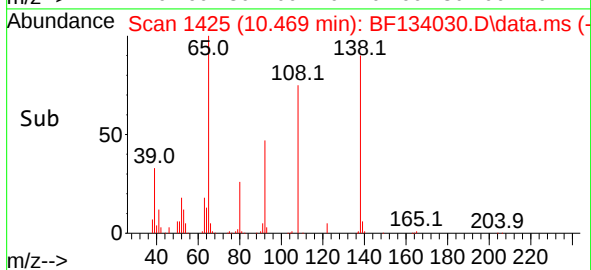
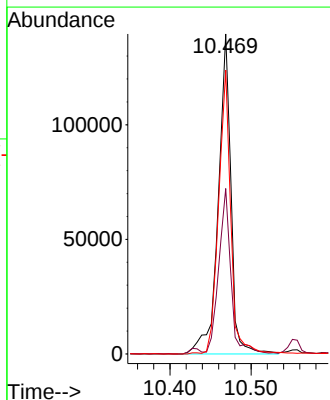
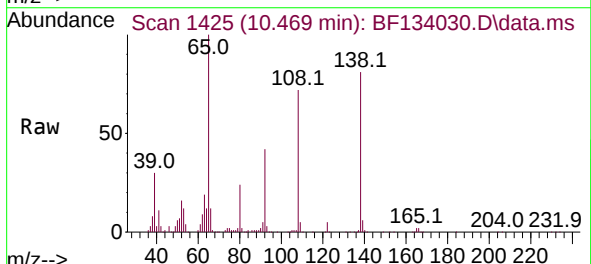
Manual Integrations
APPROVED

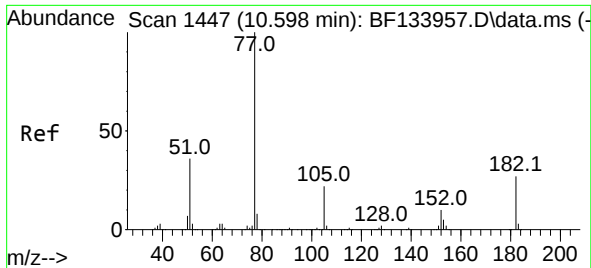
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#62
4-Nitroaniline
Concen: 37.884 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

Tgt Ion:138 Resp: 152401
Ion Ratio Lower Upper
138 100
92 51.7 29.7 69.7
108 88.7 62.1 102.1





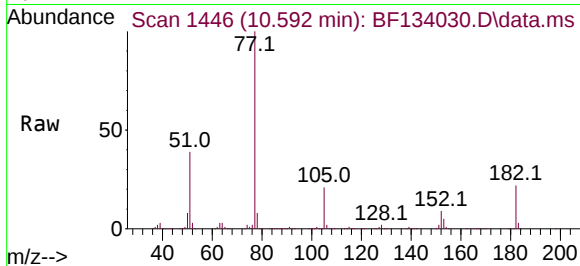
#63
Azobenzene
Concen: 40.508 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

Instrument :

BNA_F

ClientSampleId :

PB153792BS

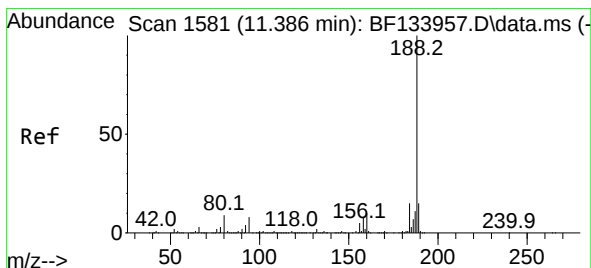
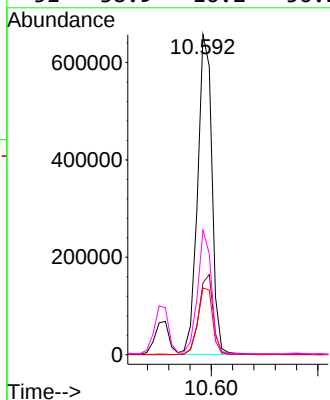
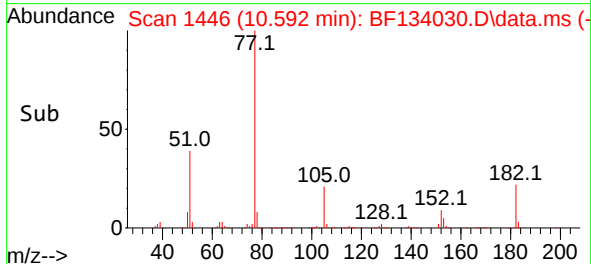


Tgt Ion: 77 Resp: 61673
Ion Ratio Lower Upper
77 100
182 22.5 6.8 46.8
105 20.9 2.3 42.3
51 38.9 16.2 56.2

Manual Integrations

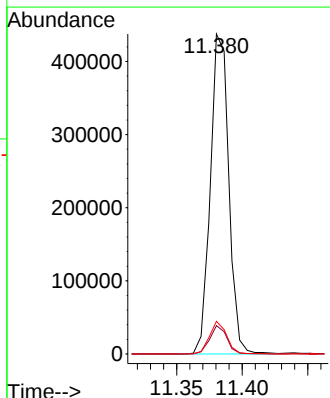
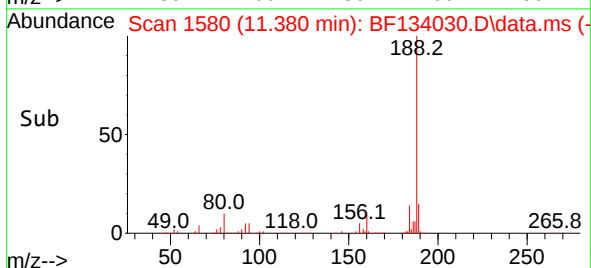
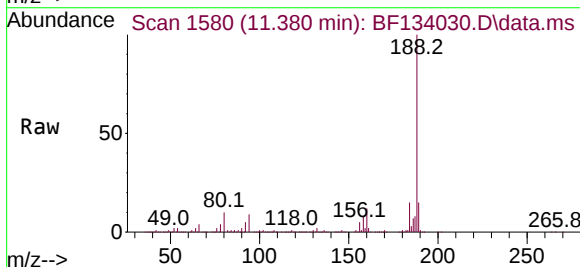
APPROVED

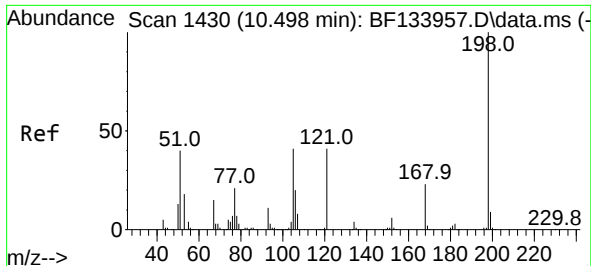
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

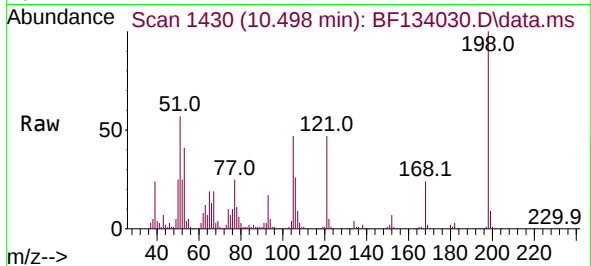
Tgt Ion:188 Resp: 428036
Ion Ratio Lower Upper
188 100
94 8.9 6.4 9.6
80 10.2 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 45.767 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

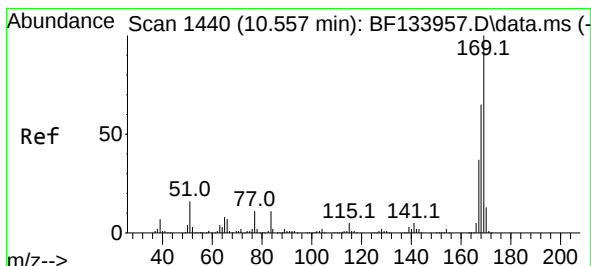
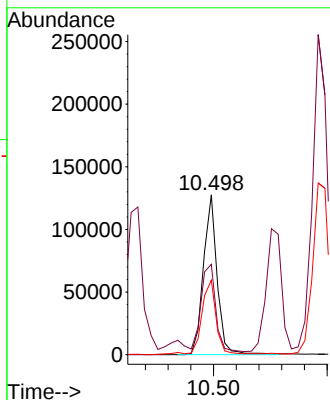
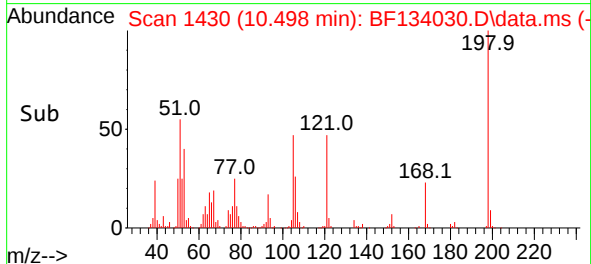
Instrument :
BNA_F
ClientSampleId :
PB153792BS



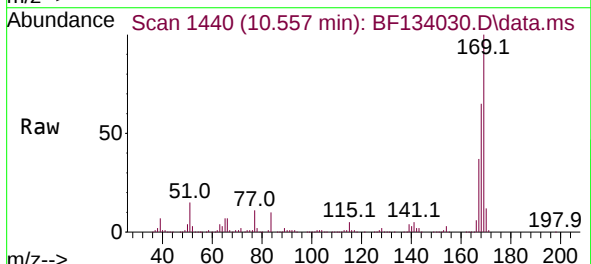
Tgt Ion:198 Resp: 106802
Ion Ratio Lower Upper
198 100
51 56.5 29.3 69.3
105 46.7 22.4 62.4

Manual Integrations
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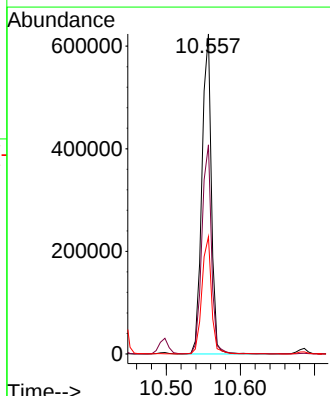
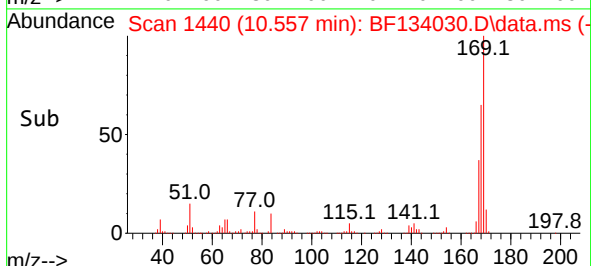
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

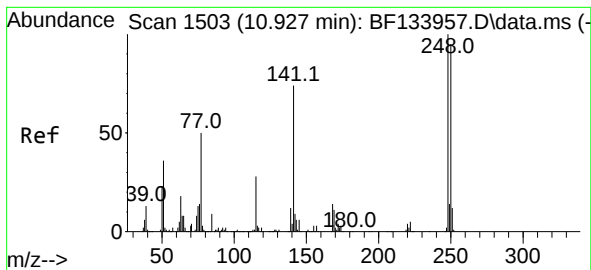


#66
n-Nitrosodiphenylamine
Concen: 40.441 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23



Tgt Ion:169 Resp: 553070
Ion Ratio Lower Upper
169 100
168 65.3 52.3 78.5
167 36.6 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 40.882 ng
RT: 10.927 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

Instrument :

BNA_F

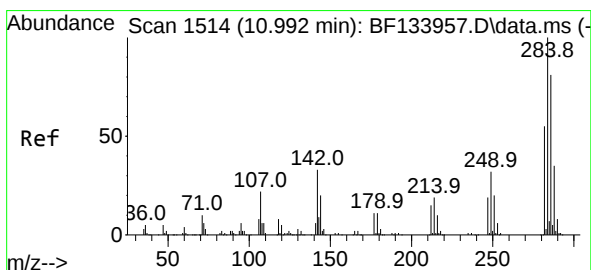
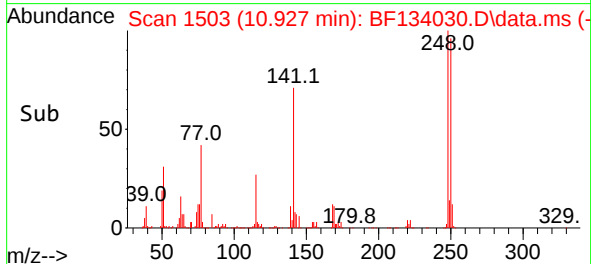
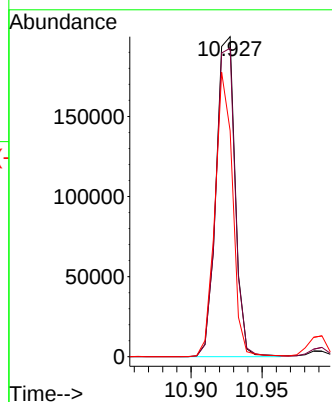
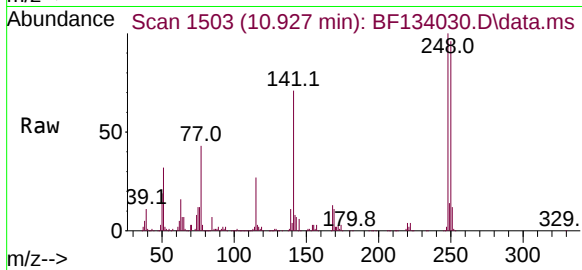
ClientSampleId :

PB153792BS

Tgt Ion:248 Resp: 185995
Ion Ratio Lower Upper
248 100
250 96.4 76.2 114.4
141 70.6 59.0 88.4

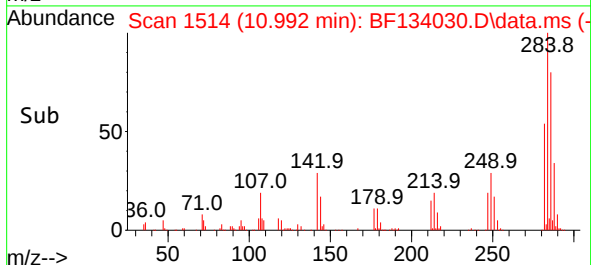
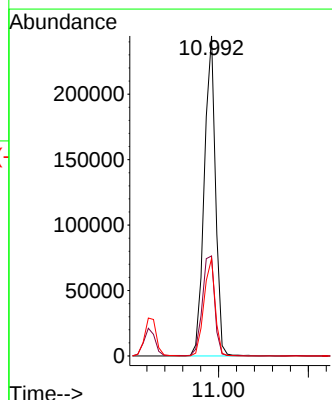
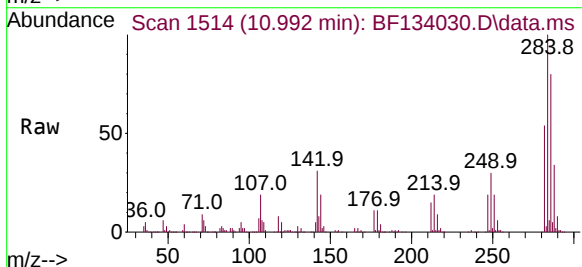
Manual Integrations
APPROVED

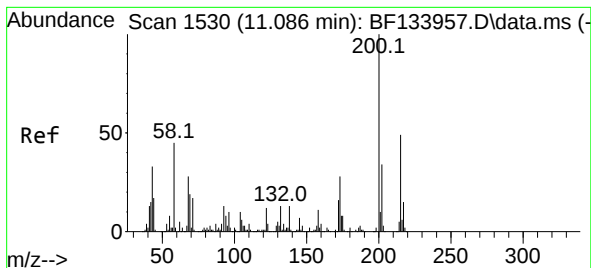
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#68
Hexachlorobenzene
Concen: 43.917 ng
RT: 10.992 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

Tgt Ion:284 Resp: 212140
Ion Ratio Lower Upper
284 100
142 31.3 26.6 40.0
249 30.4 25.5 38.3





#69

Atrazine

Concen: 43.717 ng

RT: 11.086 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF134030.D

Acq: 29 Jun 2023 11:23

Instrument :

BNA_F

ClientSampleId :

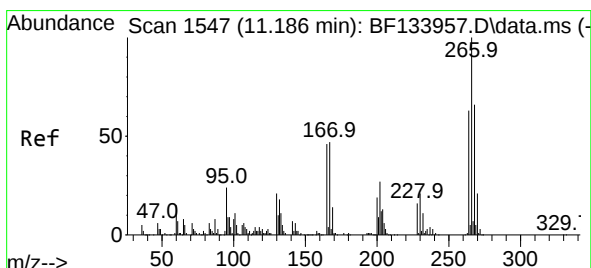
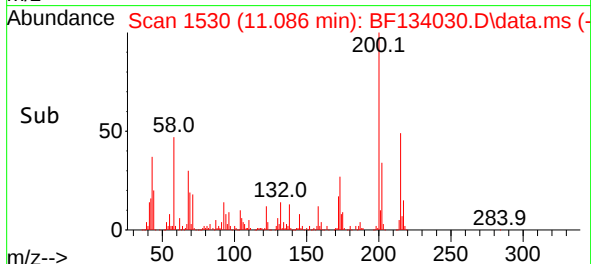
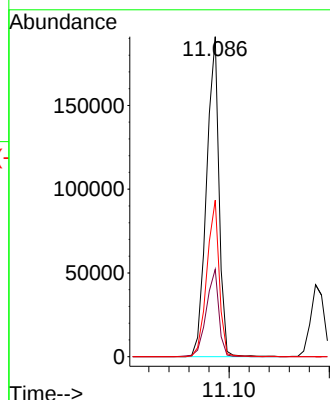
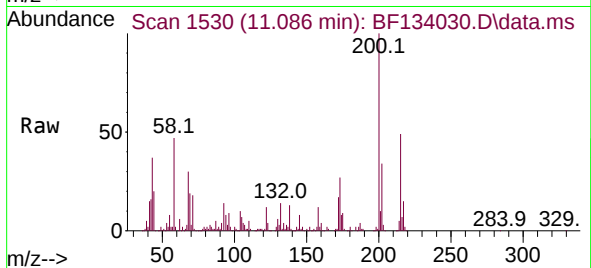
PB153792BS

Tgt Ion:200 Resp: 165370
 Ion Ratio Lower Upper
 200 100
 173 27.3 8.0 48.0
 215 48.9 29.3 69.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023



#70

Pentachlorophenol

Concen: 75.871 ng

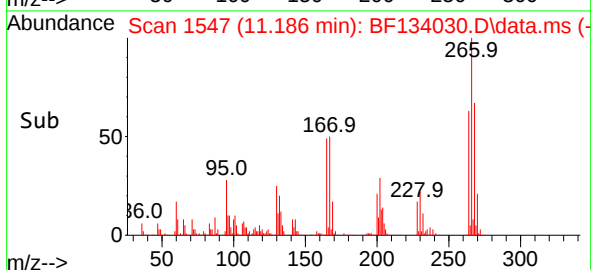
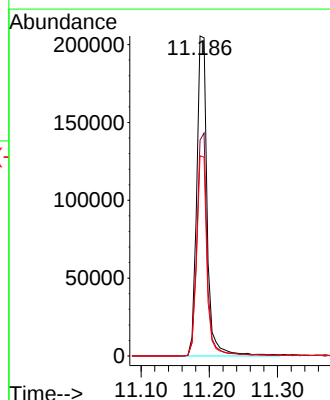
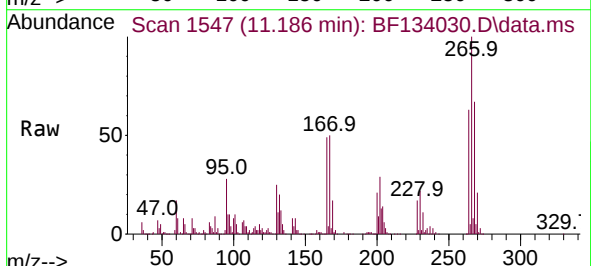
RT: 11.186 min Scan# 1547

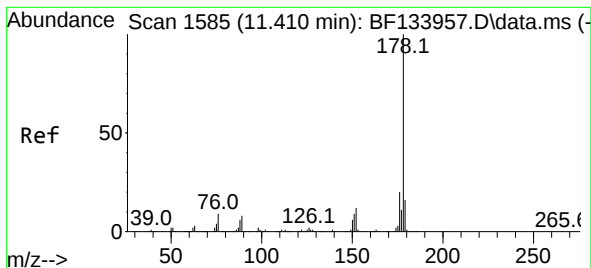
Delta R.T. 0.000 min

Lab File: BF134030.D

Acq: 29 Jun 2023 11:23

Tgt Ion:266 Resp: 219133
 Ion Ratio Lower Upper
 266 100
 268 67.5 52.6 79.0
 264 62.5 50.6 76.0





#71

Phenanthrene

Concen: 41.446 ng

RT: 11.410 min Scan# 1585

Delta R.T. 0.000 min

Lab File: BF134030.D

Acq: 29 Jun 2023 11:23

Instrument :

BNA_F

ClientSampleId :

PB153792BS

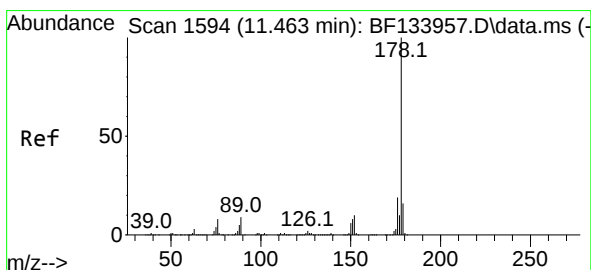
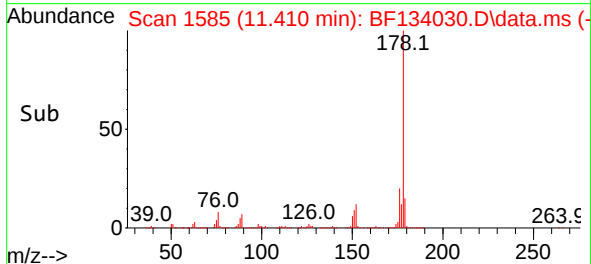
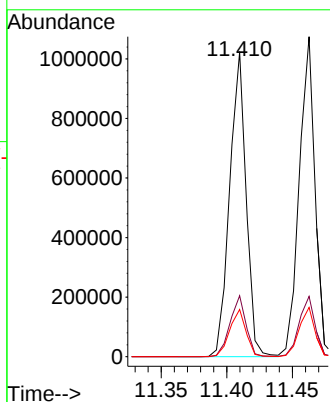
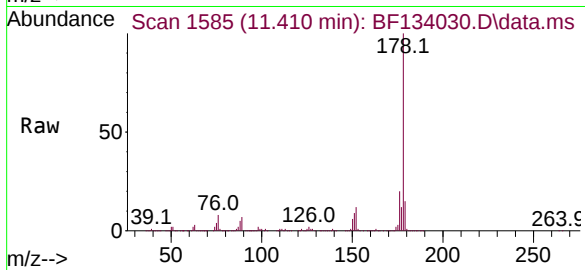
Tgt Ion:178 Resp: 893080
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.0 24.0
 179 15.5 12.4 18.6

Manual Integrations

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Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#72

Anthracene

Concen: 40.562 ng

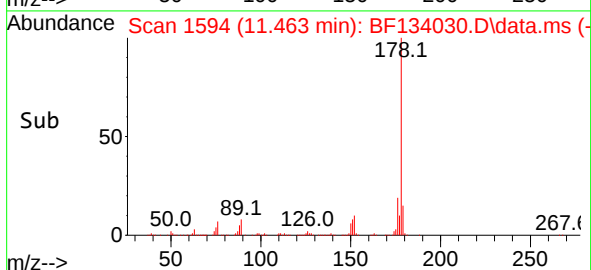
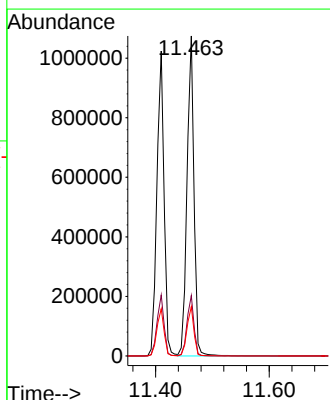
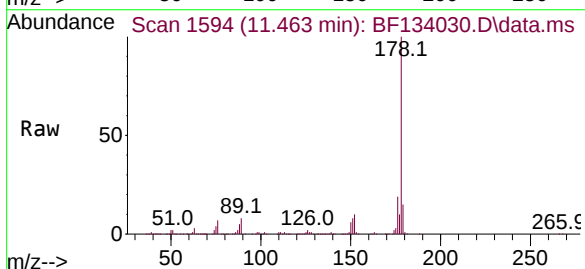
RT: 11.463 min Scan# 1594

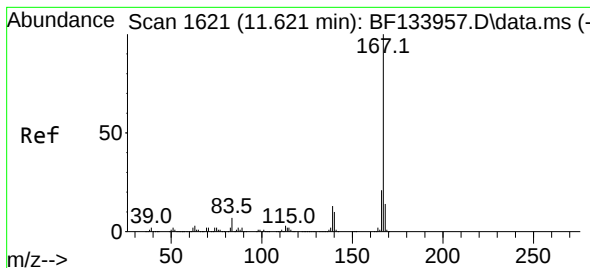
Delta R.T. 0.000 min

Lab File: BF134030.D

Acq: 29 Jun 2023 11:23

Tgt Ion:178 Resp: 909095
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.3 22.9
 179 15.4 12.4 18.6





#73

Carbazole

Concen: 41.299 ng

RT: 11.621 min Scan# 1621

Delta R.T. 0.000 min

Lab File: BF134030.D

Acq: 29 Jun 2023 11:23

Instrument :

BNA_F

ClientSampleId :

PB153792BS

Tgt Ion:167 Resp: 847210

Ion Ratio Lower Upper

167 100

166 21.8 17.0 25.6

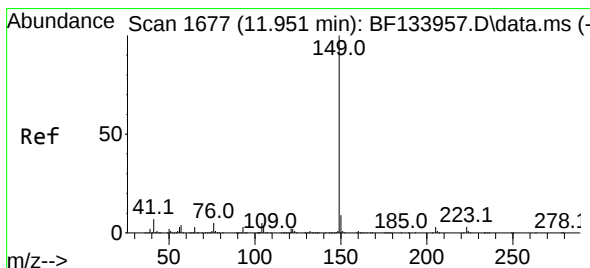
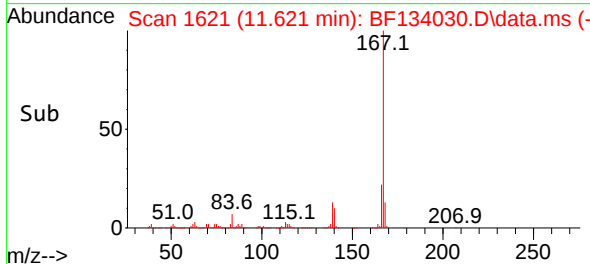
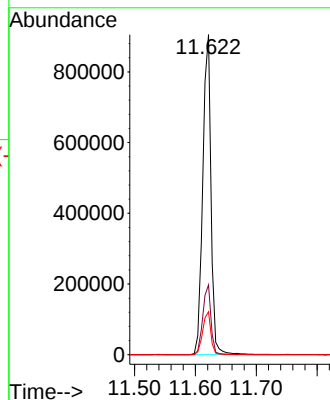
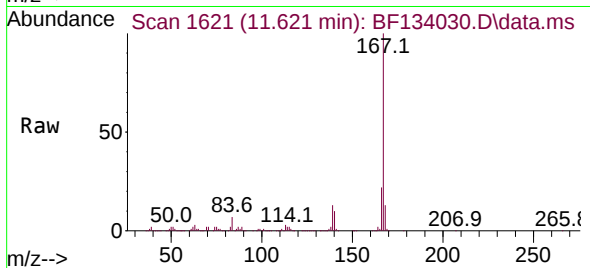
139 13.4 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#74

Di-n-butylphthalate

Concen: 42.658 ng

RT: 11.945 min Scan# 1676

Delta R.T. -0.006 min

Lab File: BF134030.D

Acq: 29 Jun 2023 11:23

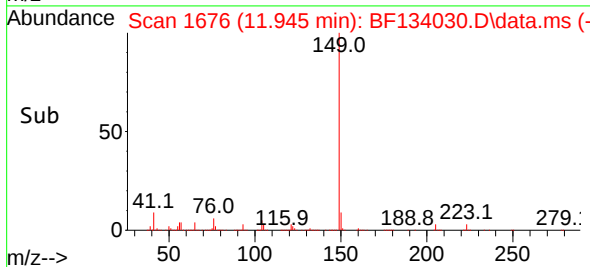
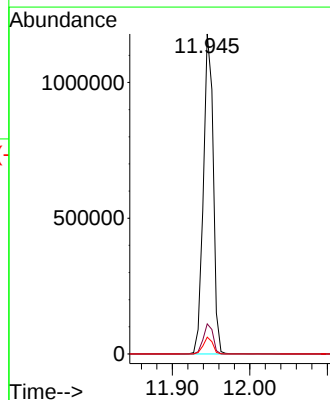
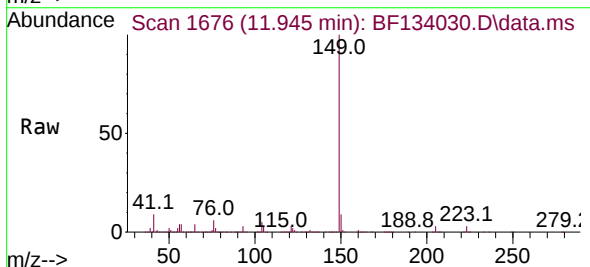
Tgt Ion:149 Resp: 1040667

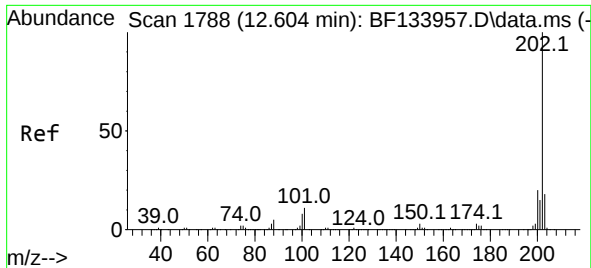
Ion Ratio Lower Upper

149 100

150 9.4 7.1 10.7

104 5.3 4.0 6.0





#75
Fluoranthene
Concen: 40.133 ng
RT: 12.604 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

Instrument :

BNA_F

ClientSampleId :

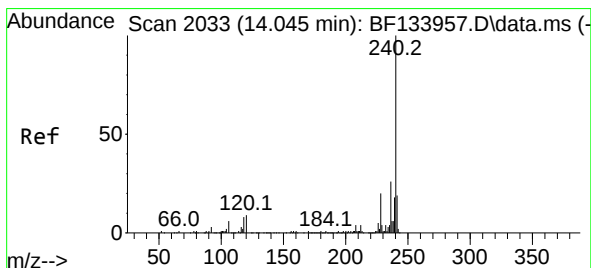
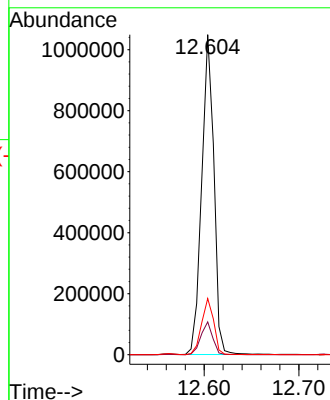
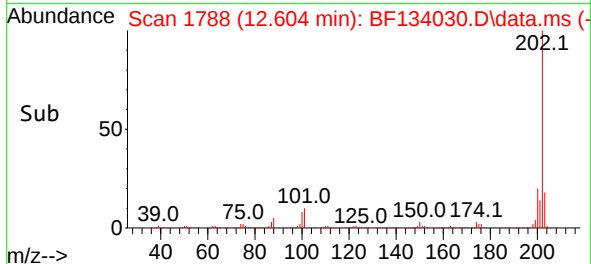
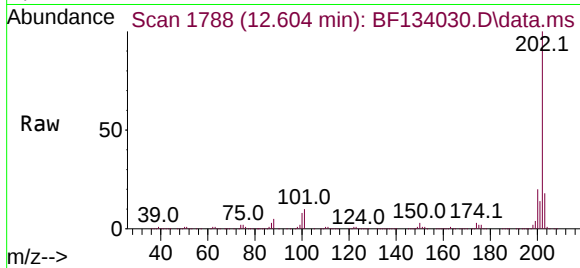
PB153792BS

Tgt Ion:202 Resp: 934912
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.0
203 17.6 0.0 37.6

Manual Integrations

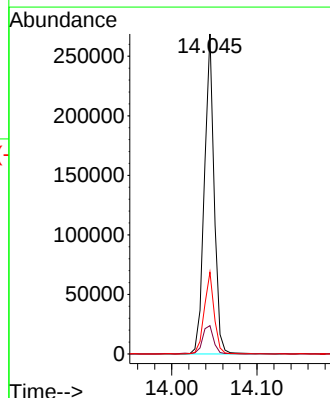
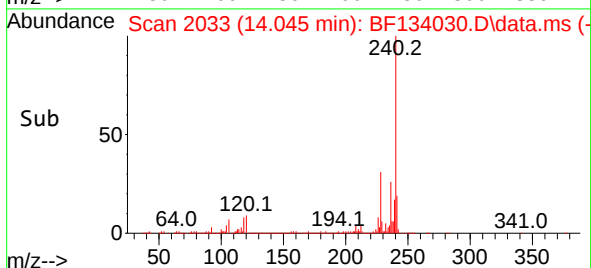
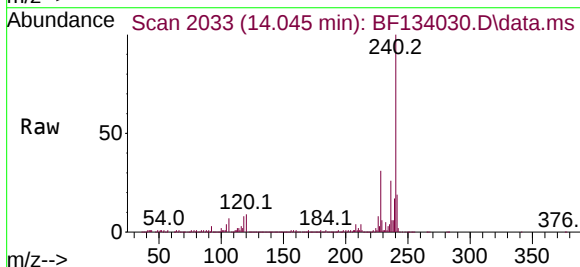
APPROVED

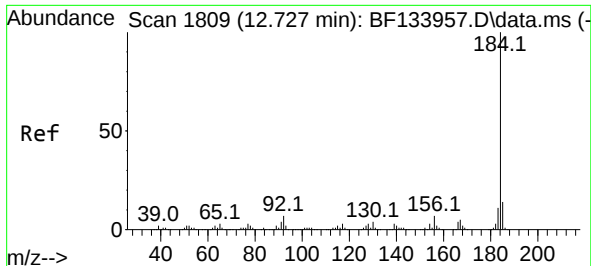
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

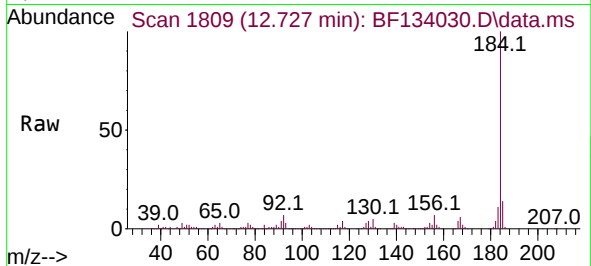
Tgt Ion:240 Resp: 213219
Ion Ratio Lower Upper
240 100
120 8.9 7.4 11.0
236 25.5 21.0 31.6





#77
Benzidine
Concen: 32.289 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

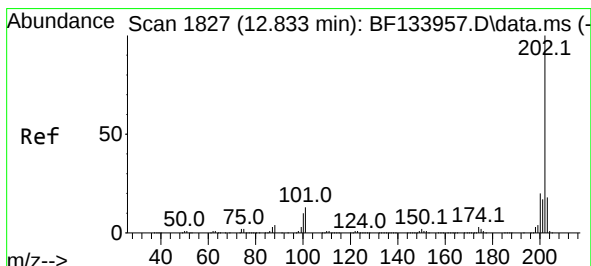
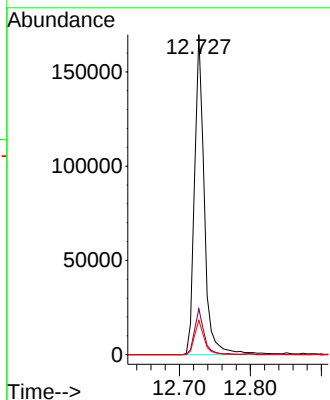
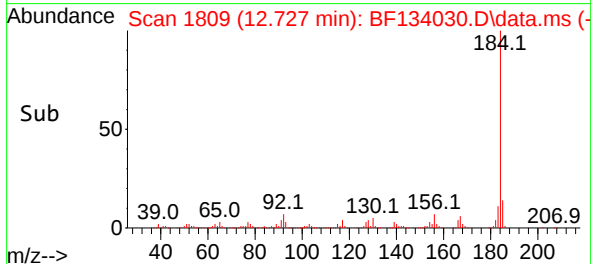
Instrument :
BNA_F
ClientSampleId :
PB153792BS



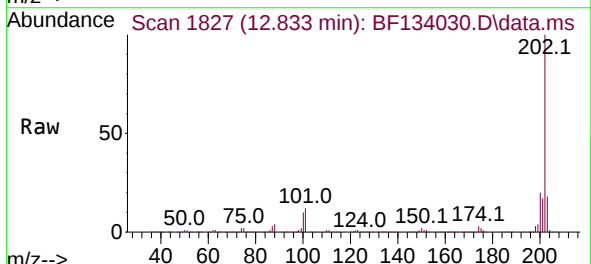
Tgt Ion:184 Resp: 16381
Ion Ratio Lower Upper
184 100
185 14.4 11.6 17.4
183 10.7 8.8 13.2

Manual Integrations
APPROVED

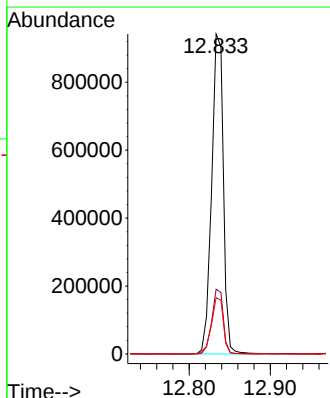
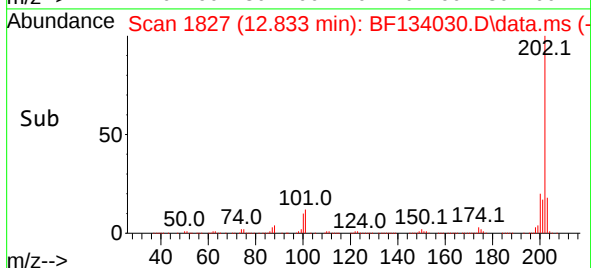
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

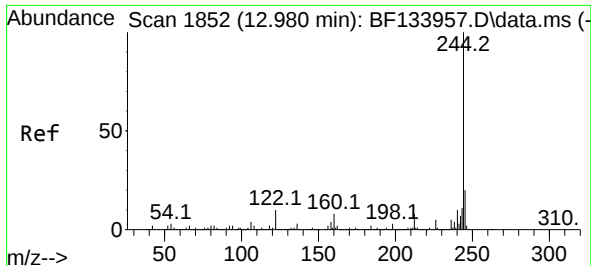


#78
Pyrene
Concen: 47.366 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23



Tgt Ion:202 Resp: 939879
Ion Ratio Lower Upper
202 100
200 20.2 16.1 24.1
203 17.6 14.3 21.5





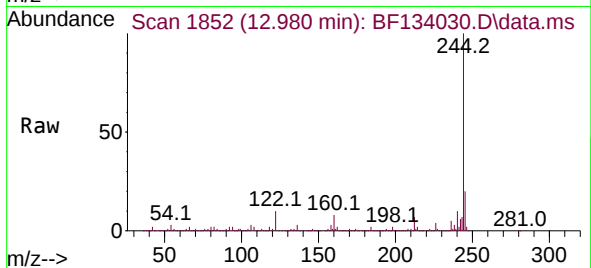
#79
 Terphenyl-d14
 Concen: 98.011 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF134030.D
 Acq: 29 Jun 2023 11:23

Instrument :

BNA_F

ClientSampleId :

PB153792BS

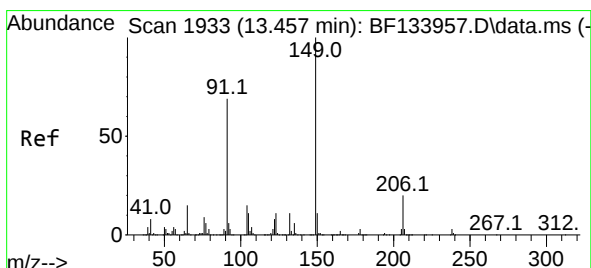
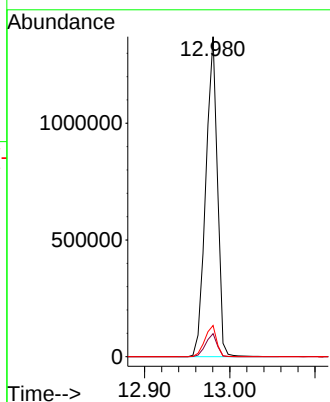
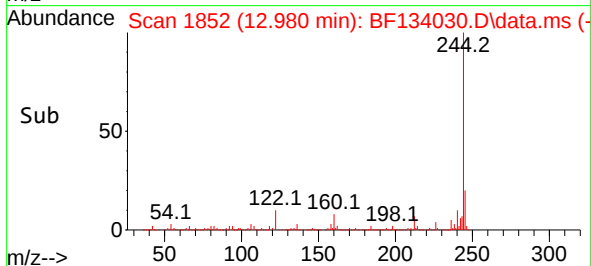


Tgt Ion:244 Resp: 1298468
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 9.8 8.3 12.5

Manual Integrations

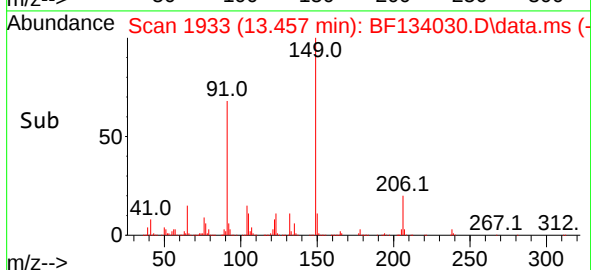
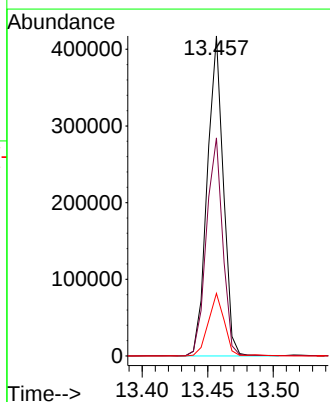
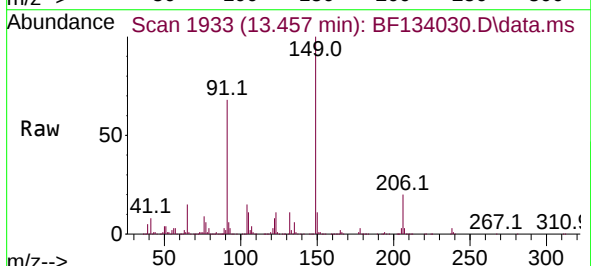
APPROVED

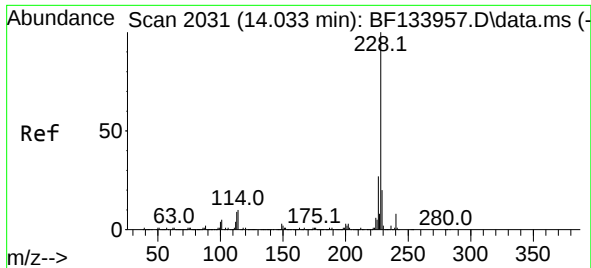
Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023



#80
 Butylbenzylphthalate
 Concen: 47.903 ng
 RT: 13.457 min Scan# 1933
 Delta R.T. 0.000 min
 Lab File: BF134030.D
 Acq: 29 Jun 2023 11:23

Tgt Ion:149 Resp: 356498
 Ion Ratio Lower Upper
 149 100
 91 68.2 55.1 82.7
 206 19.5 15.7 23.5





#81
Benzo(a)anthracene
Concen: 42.219 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

Instrument :

BNA_F

ClientSampleId :

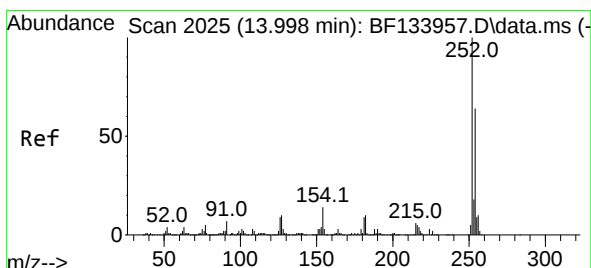
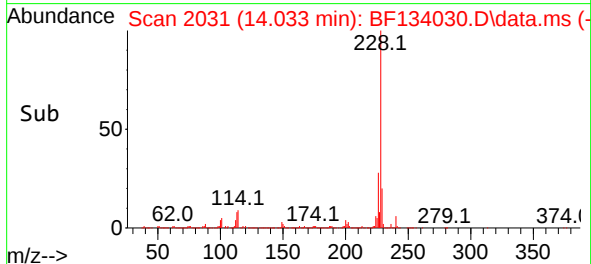
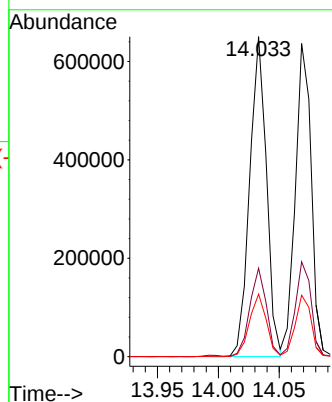
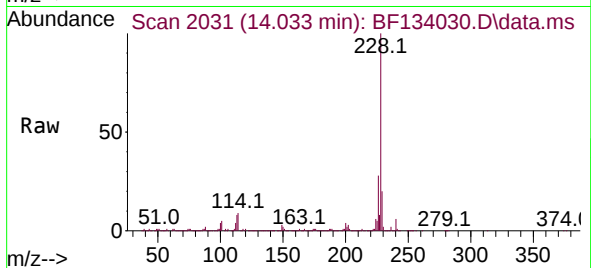
PB153792BS

Tgt Ion:228 Resp: 624294
Ion Ratio Lower Upper
228 100
226 27.6 22.0 33.0
229 19.5 16.3 24.5

Manual Integrations

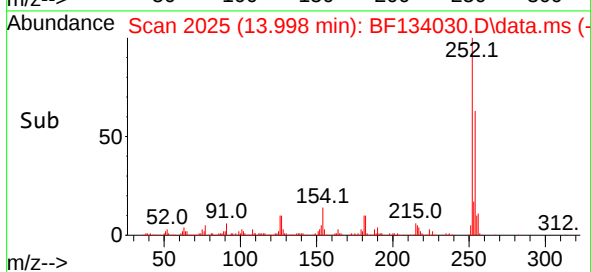
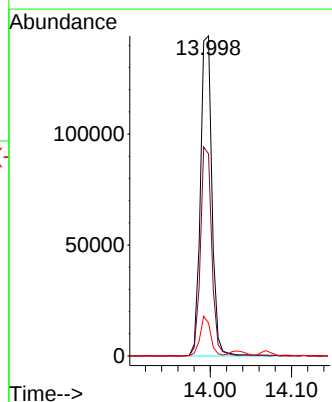
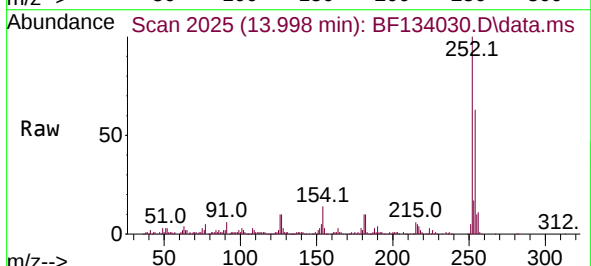
APPROVED

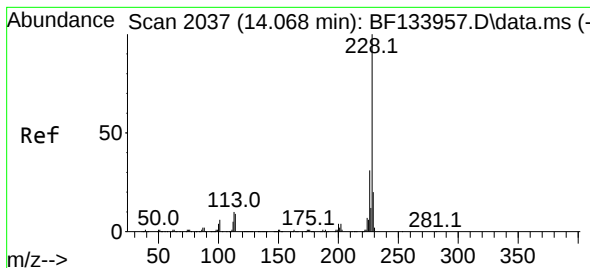
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#82
3,3'-Dichlorobenzidine
Concen: 30.458 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

Tgt Ion:252 Resp: 142692
Ion Ratio Lower Upper
252 100
254 63.2 51.4 77.0
126 10.3 7.4 11.2





#83

Chrysene

Concen: 40.449 ng

RT: 14.068 min Scan# 2037

Delta R.T. 0.000 min

Lab File: BF134030.D

Acq: 29 Jun 2023 11:23

Instrument :

BNA_F

ClientSampleId :

PB153792BS

Tgt Ion:228 Resp: 57931

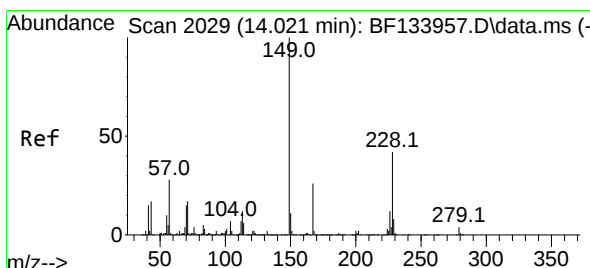
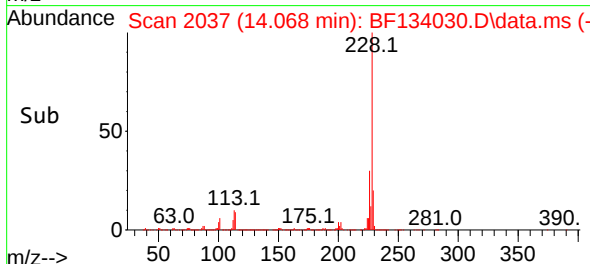
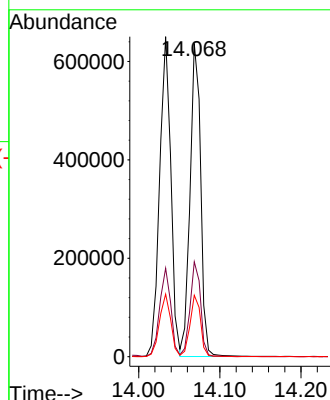
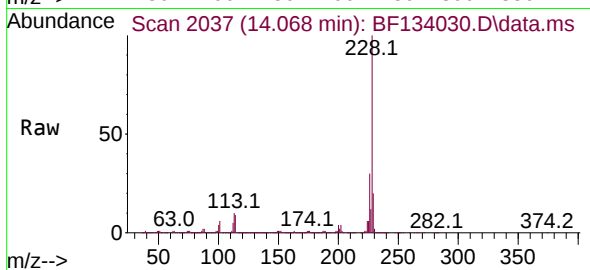
Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.4	36.6
229	19.6	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.096 ng

RT: 14.021 min Scan# 2029

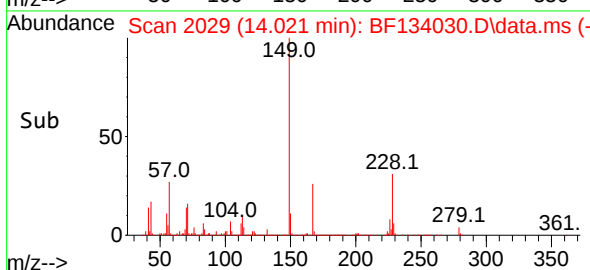
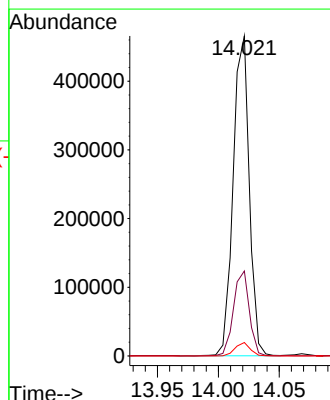
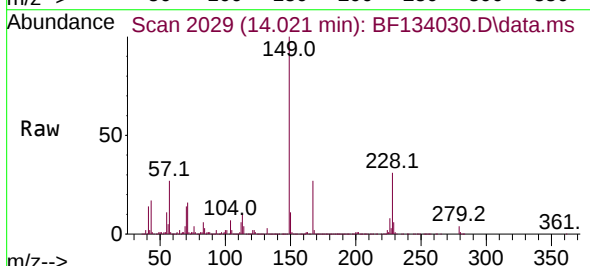
Delta R.T. 0.000 min

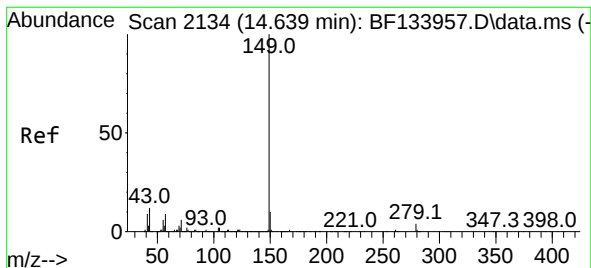
Lab File: BF134030.D

Acq: 29 Jun 2023 11:23

Tgt Ion:149 Resp: 428390

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.0	31.4
279	4.2	3.3	4.9





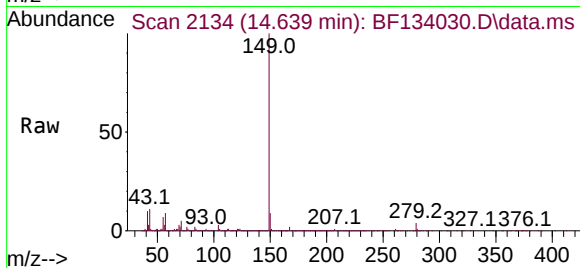
#85
Di-n-octyl phthalate
Concen: 49.912 ng
RT: 14.639 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

Instrument :

BNA_F

ClientSampleId :

PB153792BS

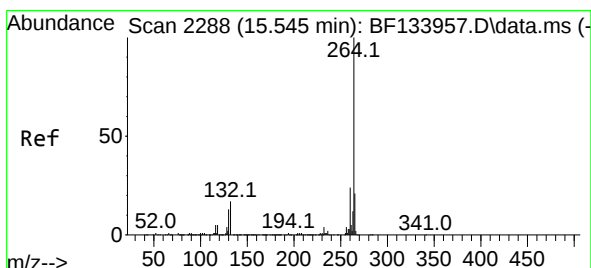
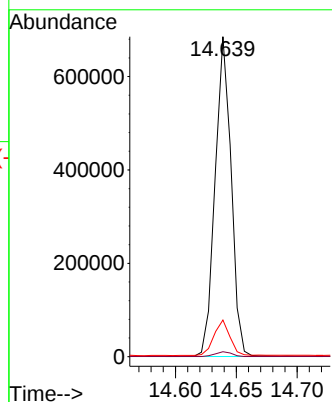
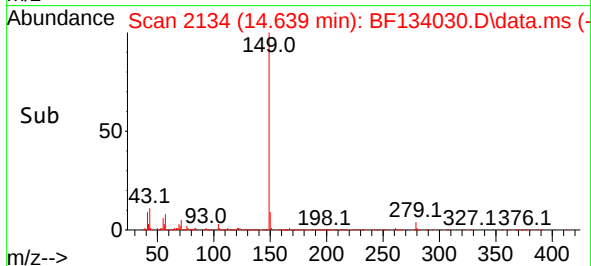


Tgt Ion:149 Resp: 627148
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.0 9.0 13.4

Manual Integrations

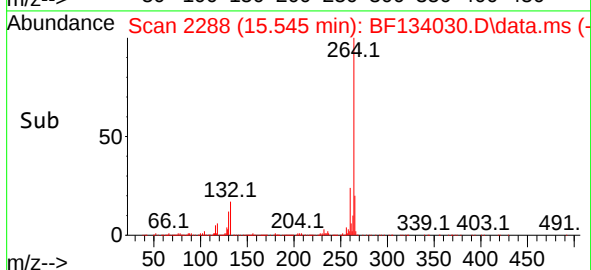
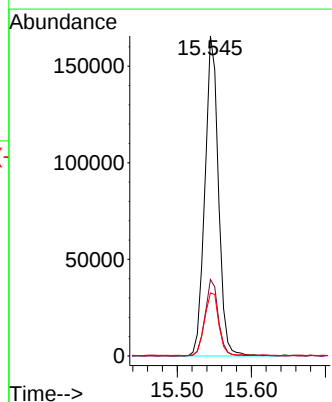
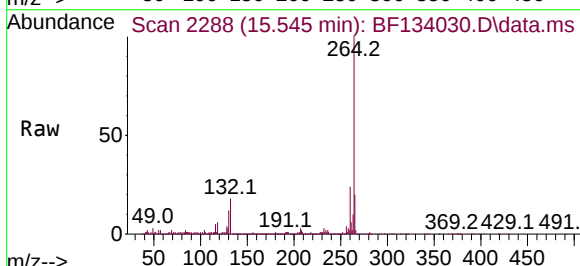
APPROVED

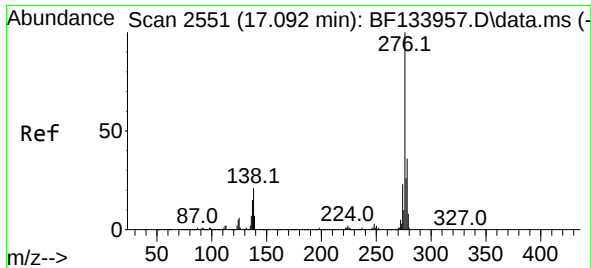
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2288
Delta R.T. 0.000 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

Tgt Ion:264 Resp: 210180
Ion Ratio Lower Upper
264 100
260 23.9 19.5 29.3
265 19.7 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.126 ng
RT: 17.104 min Scan# 2551
Delta R.T. 0.012 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

Instrument :

BNA_F

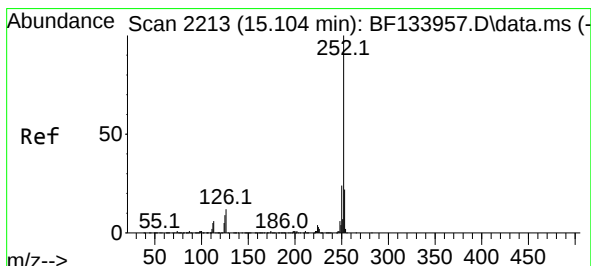
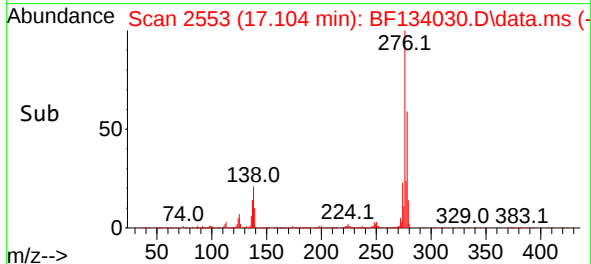
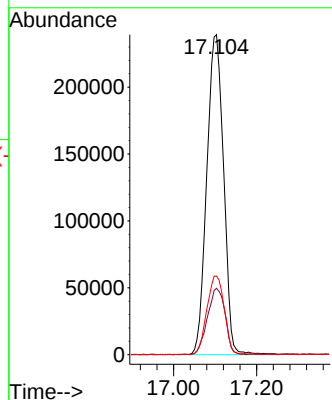
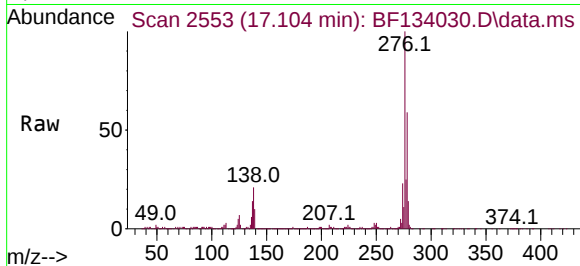
ClientSampleId :

PB153792BS

Tgt Ion:276 Resp: 672718
Ion Ratio Lower Upper
276 100
138 21.8 18.7 28.1
277 25.3 19.9 29.9

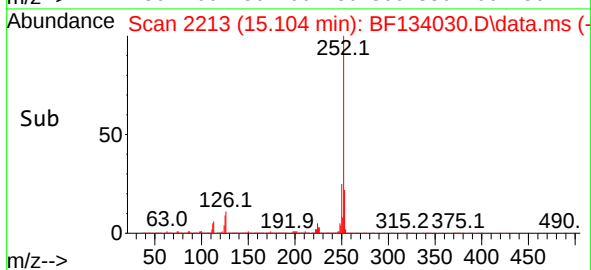
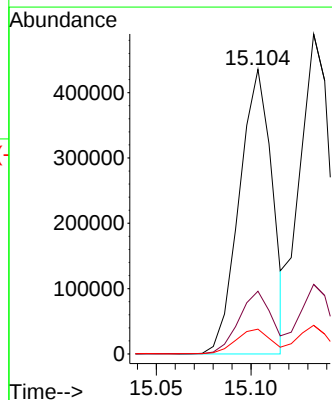
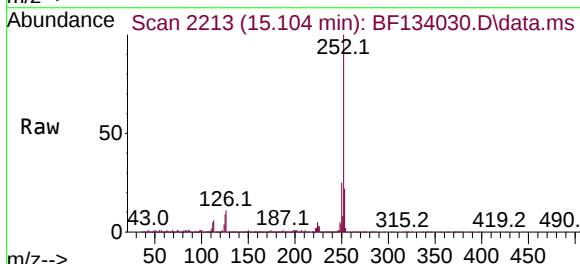
Manual Integrations
APPROVED

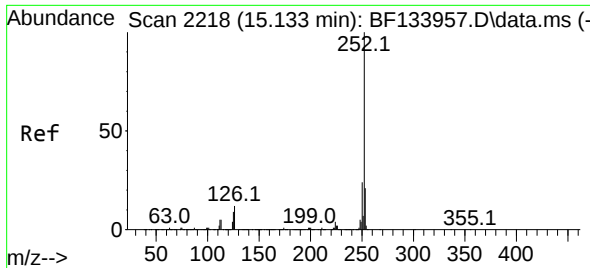
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#88
Benzo(b)fluoranthene
Concen: 42.806 ng
RT: 15.104 min Scan# 2213
Delta R.T. 0.000 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

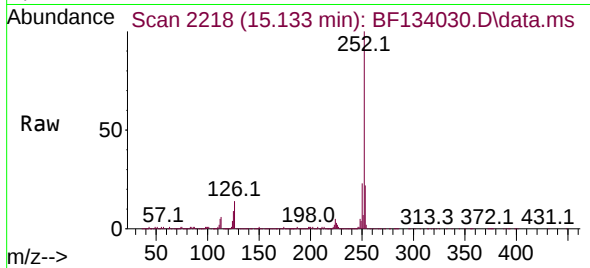
Tgt Ion:252 Resp: 529025
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 8.7 7.1 10.7





#89
Benzo(k)fluoranthene
Concen: 43.036 ng
RT: 15.133 min Scan# 2218
Delta R.T. 0.000 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

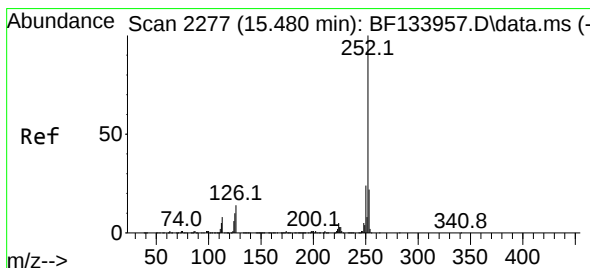
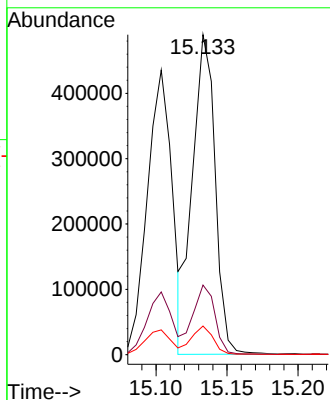
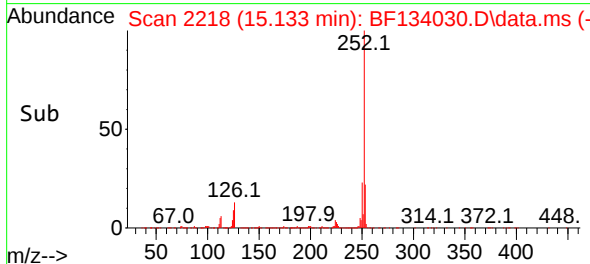
Instrument :
BNA_F
ClientSampleId :
PB153792BS



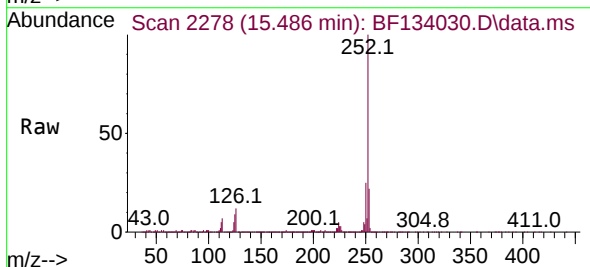
Tgt Ion:252 Resp: 541520
Ion Ratio Lower Upper
252 100
253 21.8 16.9 25.3
125 9.0 7.4 11.2

Manual Integrations
APPROVED

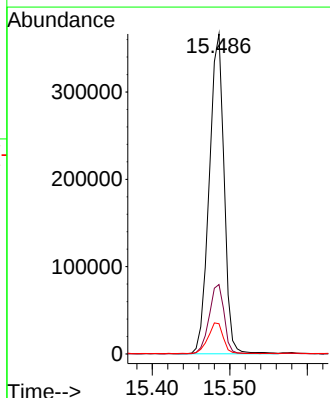
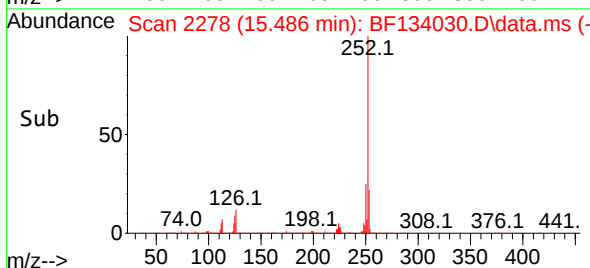
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

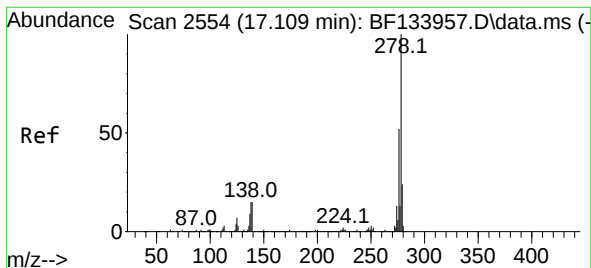


#90
Benzo(a)pyrene
Concen: 40.856 ng
RT: 15.486 min Scan# 2278
Delta R.T. 0.006 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23



Tgt Ion:252 Resp: 488266
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 9.4 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 46.279 ng
RT: 17.121 min Scan# 2554
Delta R.T. 0.012 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

Instrument :

BNA_F

ClientSampleId :

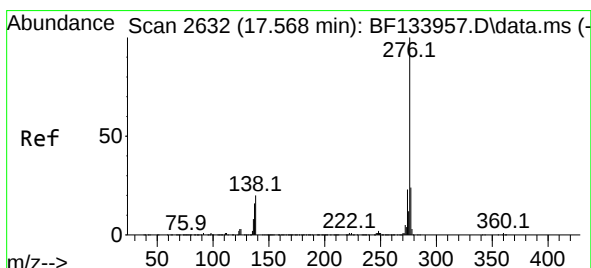
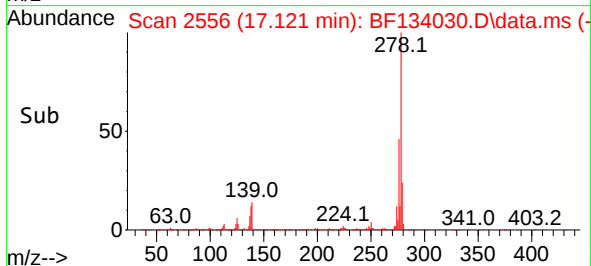
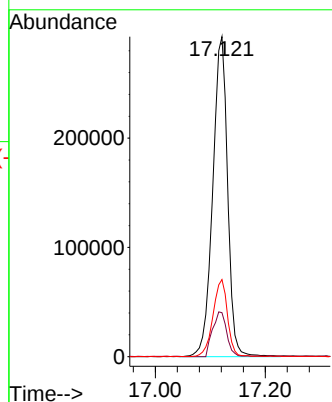
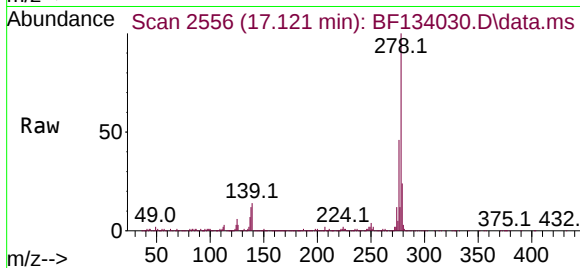
PB153792BS

Tgt Ion:278 Resp: 551295
Ion Ratio Lower Upper
278 100
139 13.7 12.2 18.4
279 24.1 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#92
Benzo(g,h,i)perylene
Concen: 44.455 ng
RT: 17.574 min Scan# 2633
Delta R.T. 0.006 min
Lab File: BF134030.D
Acq: 29 Jun 2023 11:23

Tgt Ion:276 Resp: 546108
Ion Ratio Lower Upper
276 100
277 24.0 19.0 28.6
138 18.8 16.2 24.2

