

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
 Data File : BF134103.D
 Acq On : 06 Jul 2023 18:15
 Operator : CG\JU
 Sample : PB153945BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153945BS

Manual Integrations
 APPROVED

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

Quant Time: Jul 07 01:30:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	108951	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	421083	20.000	ng	0.00
39) Acenaphthene-d10	9.887	164	212403	20.000	ng	0.00
64) Phenanthrene-d10	11.381	188	413777	20.000	ng	0.00
76) Chrysene-d12	14.045	240	255979	20.000	ng	0.00
86) Perylene-d12	15.539	264	204526	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	765665	117.556	ng	0.00
7) Phenol-d6	6.493	99	908200	113.384	ng	0.00
23) Nitrobenzene-d5	7.416	82	625188	80.034	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	306772	115.193	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1145987	78.443	ng	0.00
79) Terphenyl-d14	12.975	244	1341782	84.362	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	112358	41.837	ng	98
3) Pyridine	3.510	79	246276	35.206	ng	97
4) n-Nitrosodimethylamine	3.475	42	180384	45.149	ng	98
6) Aniline	6.510	93	240521	24.676	ng	# 74
8) 2-Chlorophenol	6.634	128	301842	45.653	ng	99
9) Benzaldehyde	6.399	77	37739	6.235	ng	98
10) Phenol	6.504	94	357354	42.432	ng	89
11) bis(2-Chloroethyl)ether	6.587	93	274386	44.253	ng	97
12) 1,3-Dichlorobenzene	6.787	146	312758	44.370	ng	99
13) 1,4-Dichlorobenzene	6.863	146	326474	45.855	ng	99
14) 1,2-Dichlorobenzene	7.016	146	305069	45.752	ng	99
15) Benzyl Alcohol	6.993	79	272210	44.083	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	452671	41.267	ng	97
17) 2-Methylphenol	7.104	107	252015	42.565	ng	97
18) Hexachloroethane	7.351	117	122762	46.503	ng	94
19) n-Nitroso-di-n-propyla...	7.263	70	210181	41.377	ng	99
20) 3+4-Methylphenols	7.257	107	301051	41.913	ng	95
22) Acetophenone	7.257	105	426978	44.586	ng	97
24) Nitrobenzene	7.434	77	334315	42.352	ng	97
25) Isophorone	7.669	82	583609	41.108	ng	100
26) 2-Nitrophenol	7.745	139	164826	43.527	ng	94
27) 2,4-Dimethylphenol	7.781	122	257462	42.952	ng	95
28) bis(2-Chloroethoxy)met...	7.875	93	334051	40.637	ng	99
29) 2,4-Dichlorophenol	7.987	162	248771	41.853	ng	97
30) 1,2,4-Trichlorobenzene	8.069	180	268219	43.733	ng	98
31) Naphthalene	8.151	128	822667	40.446	ng	98
32) Benzoic acid	7.916	122	194143	43.223	ng	96
33) 4-Chloroaniline	8.198	127	85396	9.815	ng	97
34) Hexachlorobutadiene	8.263	225	172031	44.466	ng	99
35) Caprolactam	8.575	113	83656m	42.745	ng	
36) 4-Chloro-3-methylphenol	8.687	107	288255	43.169	ng	97
37) 2-Methylnaphthalene	8.840	142	559618	38.907	ng	100
38) 1-Methylnaphthalene	8.940	142	519145	38.825	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	271659	43.170	ng	99
41) Hexachlorocyclopentadiene	8.992	237	273301	91.545	ng	100
43) 2,4,6-Trichlorophenol	9.122	196	178904	41.763	ng	96

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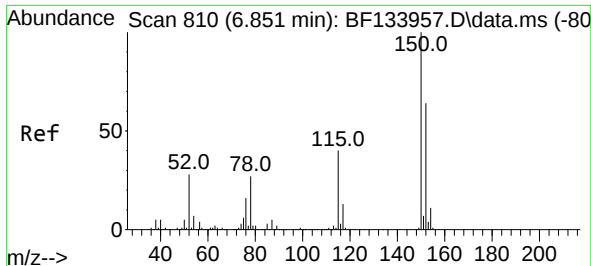
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	193405	38.382	ng	99
46) 1,1'-Biphenyl	9.310	154	712441	41.814	ng	98
47) 2-Chloronaphthalene	9.334	162	519161	41.645	ng	95
48) 2-Nitroaniline	9.434	65	191688	42.191	ng	98
49) Acenaphthylene	9.751	152	860499	40.408	ng	99
50) Dimethylphthalate	9.610	163	623447	40.435	ng	100
51) 2,6-Dinitrotoluene	9.675	165	139297	41.946	ng	88
52) Acenaphthene	9.922	154	508463	41.148	ng	100
53) 3-Nitroaniline	9.845	138	87966	22.080	ng	99
54) 2,4-Dinitrophenol	9.957	184	166363	86.420	ng	87
55) Dibenzofuran	10.098	168	768773	39.809	ng	99
56) 4-Nitrophenol	10.016	139	224547	80.578	ng	91
57) 2,4-Dinitrotoluene	10.086	165	184716	42.118	ng	94
58) Fluorene	10.439	166	608302	40.488	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	161401m	40.607	ng	
60) Diethylphthalate	10.316	149	646378	40.239	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	287053	39.646	ng	94
62) 4-Nitroaniline	10.469	138	150538	37.494	ng	94
63) Azobenzene	10.592	77	603173	39.696	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	110035	48.777	ng	100
66) n-Nitrosodiphenylamine	10.551	169	534212	40.408	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	179254	40.758	ng	92
68) Hexachlorobenzene	10.986	284	206543	44.232	ng	96
69) Atrazine	11.081	200	148891	40.716	ng	99
70) Pentachlorophenol	11.186	266	210031	75.225	ng	98
71) Phenanthrene	11.410	178	866854	41.615	ng	99
72) Anthracene	11.457	178	887117	40.945	ng	99
73) Carbazole	11.616	167	853763	43.052	ng	99
74) Di-n-butylphthalate	11.945	149	986990	41.852	ng	99
75) Fluoranthene	12.604	202	952199	42.284	ng	98
77) Benzidine	12.728	184	133801	21.968	ng	97
78) Pyrene	12.833	202	964181	40.474	ng	99
80) Butylbenzylphthalate	13.457	149	383617	42.937	ng	95
81) Benzo(a)anthracene	14.033	228	741486	41.768	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	167235	29.734	ng	# 97
83) Chrysene	14.069	228	696785	40.524	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	443586	43.208	ng	99
85) Di-n-octyl phthalate	14.633	149	638279	42.312	ng	99
87) Indeno(1,2,3-cd)pyrene	17.092	276	659541	46.473	ng	98
88) Benzo(b)fluoranthene	15.098	252	600728	49.951	ng	100
89) Benzo(k)fluoranthene	15.133	252	564138	46.072	ng	98
90) Benzo(a)pyrene	15.480	252	501207	43.099	ng	98
91) Dibenzo(a,h)anthracene	17.110	278	541905	46.748	ng	97
92) Benzo(g,h,i)perylene	17.568	276	559566	46.810	ng	97

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



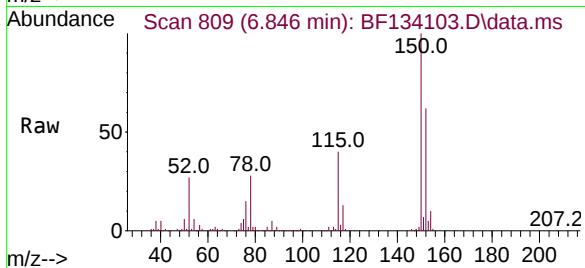
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

Instrument :

BNA_F

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PB153945BS



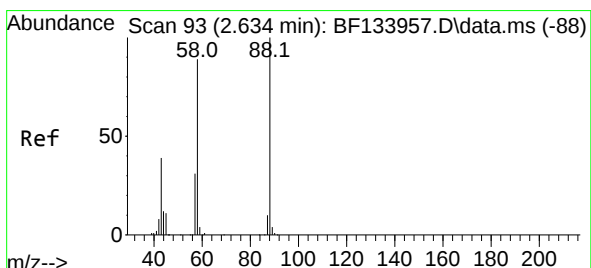
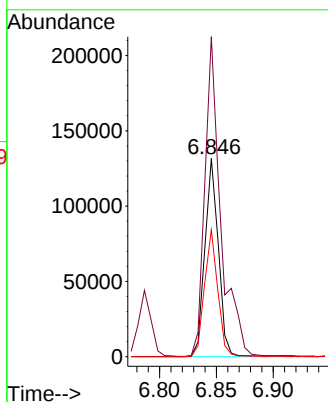
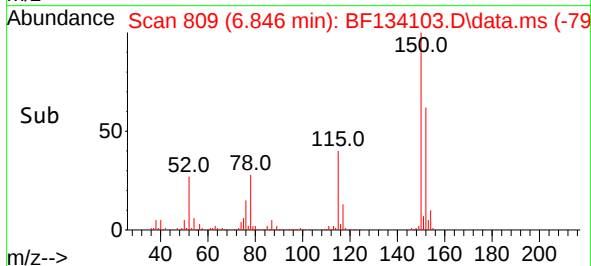
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Ion Ratio Lower Upper
152 100
150 161.4 124.5 186.7
115 64.0 50.2 75.2

Manual Integrations

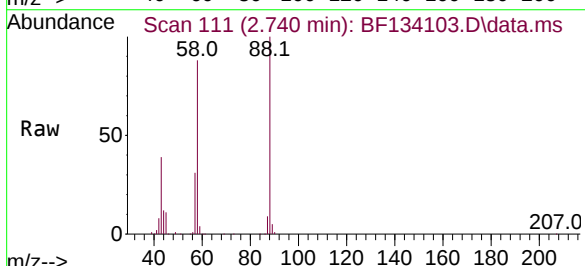
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Reviewed By :Yogesh Patel 07/07/2023

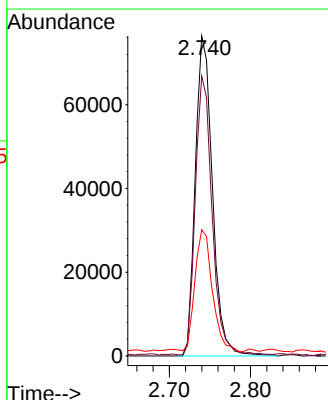
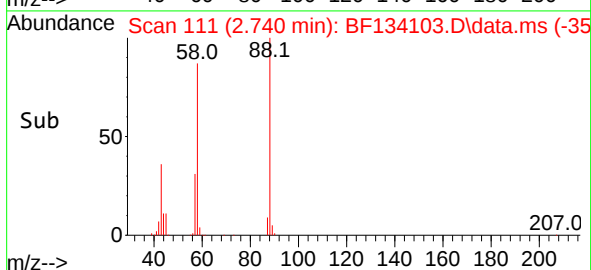
Supervised By :mohammad ahmed 07/07/2023

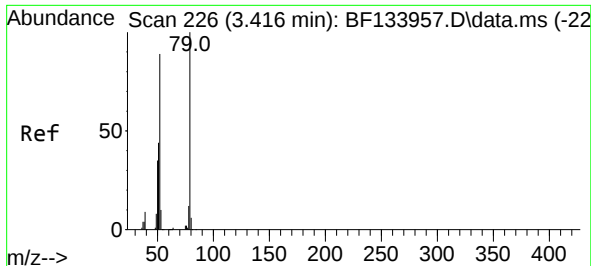


#2
1,4-Dioxane
Concen: 41.837 ng
RT: 2.740 min Scan# 111
Delta R.T. 0.094 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15



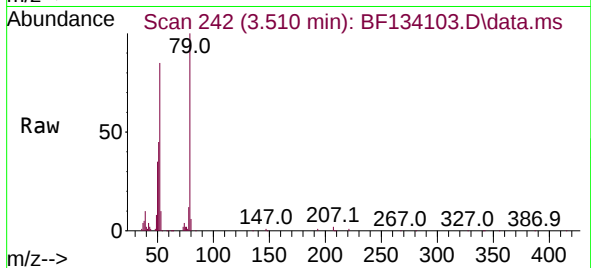
Tgt Ion: 88 Resp: 112358
Ion Ratio Lower Upper
88 100
58 85.0 68.8 103.2
43 39.9 30.7 46.1





#3
Pyridine
Concen: 35.206 ng
RT: 3.510 min Scan# 24
Delta R.T. 0.077 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

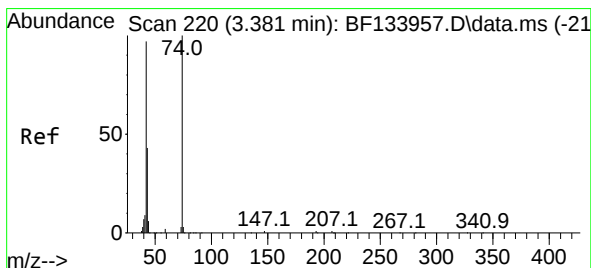
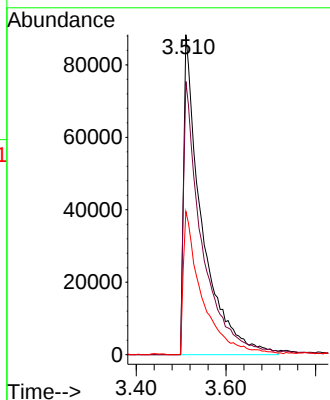
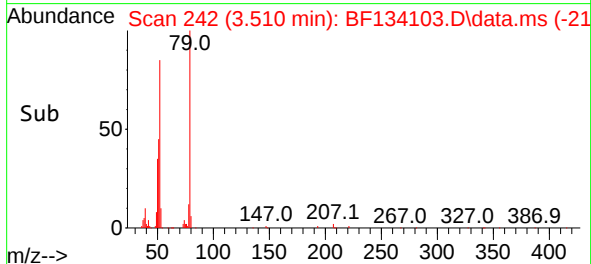
Instrument :
BNA_F
ClientSampleId :
PB153945BS



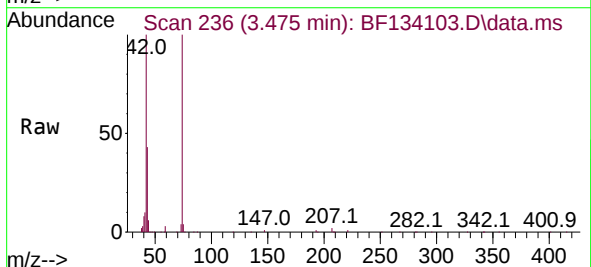
Tgt Ion: 79 Resp: 246270
Ion Ratio Lower Upper
79 100
52 85.4 71.1 106.7
51 44.8 35.2 52.8

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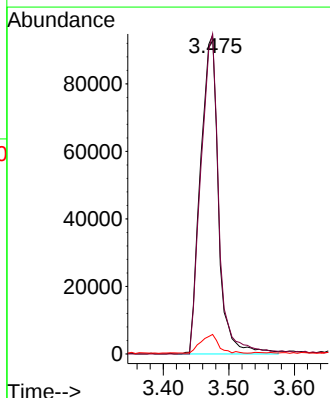
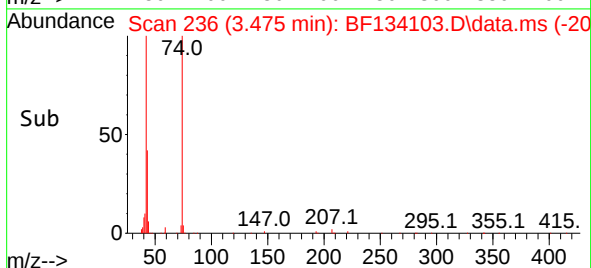
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

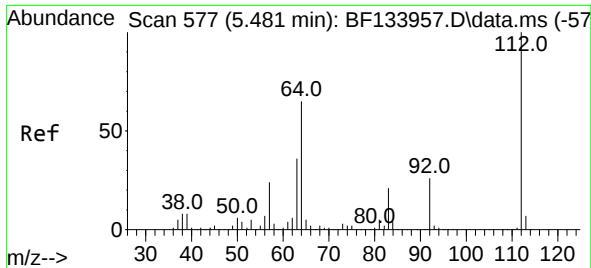


#4
n-Nitrosodimethylamine
Concen: 45.149 ng
RT: 3.475 min Scan# 236
Delta R.T. 0.071 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15



Tgt Ion: 42 Resp: 180384
Ion Ratio Lower Upper
42 100
74 100.4 82.4 123.6
44 6.1 4.9 7.3





#5
2-Fluorophenol
Concen: 117.556 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

Instrument :

BNA_F

ClientSampleId :

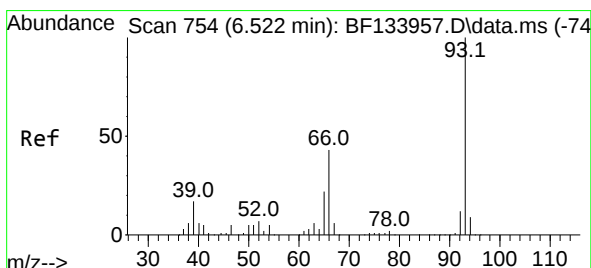
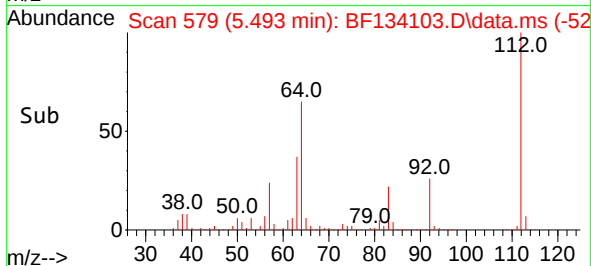
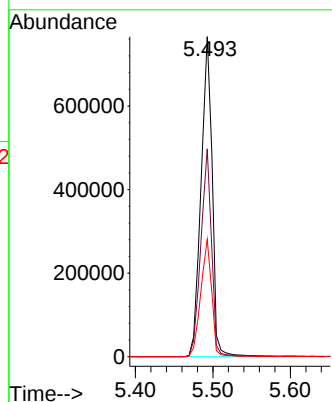
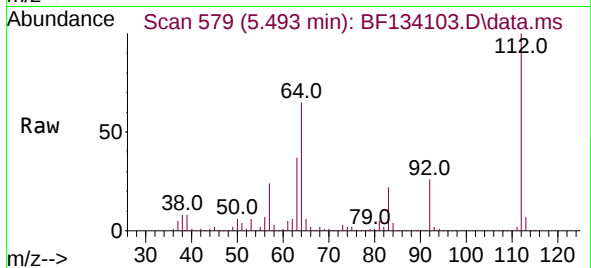
PB153945BS

Tgt Ion:112 Resp: 76566
Ion Ratio Lower Upper
112 100
64 64.9 52.1 78.1
63 36.6 28.6 42.8

Manual Integrations

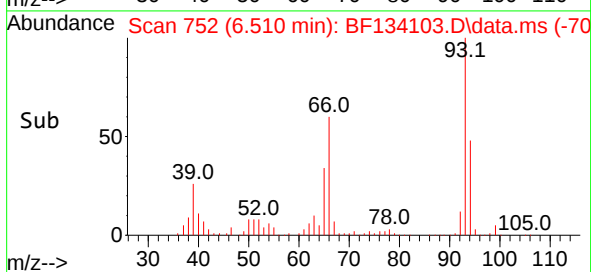
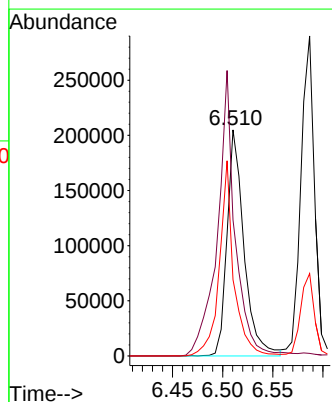
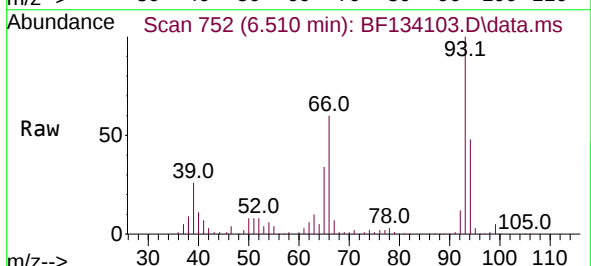
APPROVED

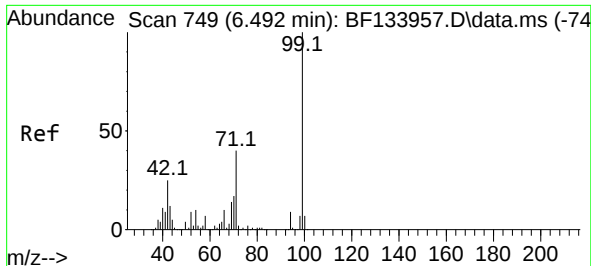
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#6
Aniline
Concen: 24.676 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

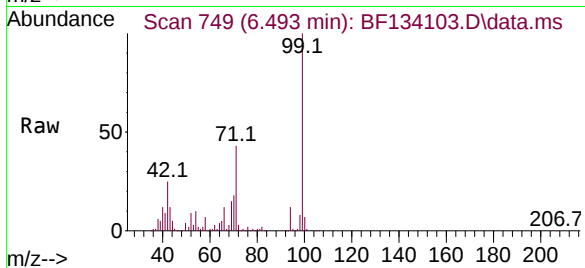
Tgt Ion: 93 Resp: 240521
Ion Ratio Lower Upper
93 100
66 60.2 34.5 51.7#
65 33.8 17.8 26.6#





#7
Phenol-d6
Concen: 113.384 ng
RT: 6.493 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

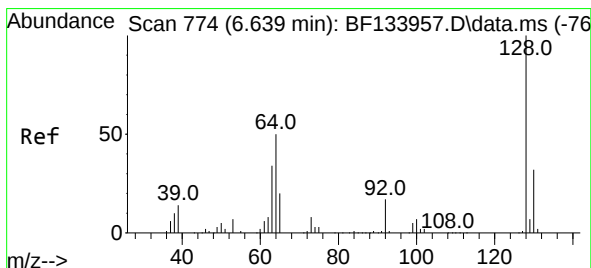
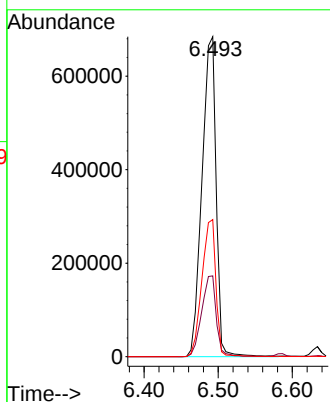
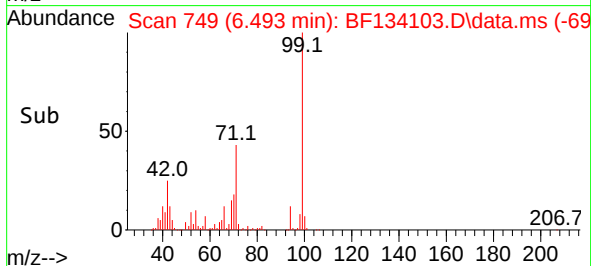
Instrument :
BNA_F
ClientSampleId :
PB153945BS



Tgt Ion: 99 Resp: 908200
Ion Ratio Lower Upper
99 100
42 25.2 19.8 29.6
71 42.9 31.9 47.9

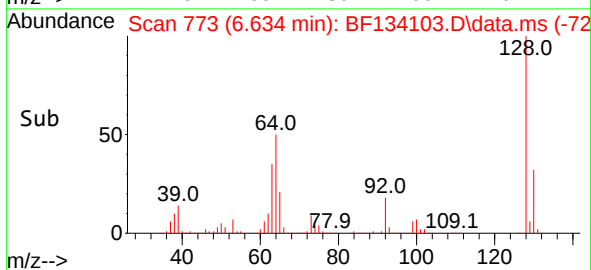
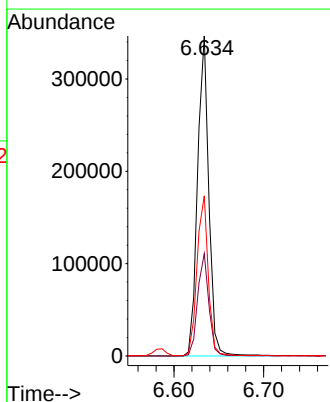
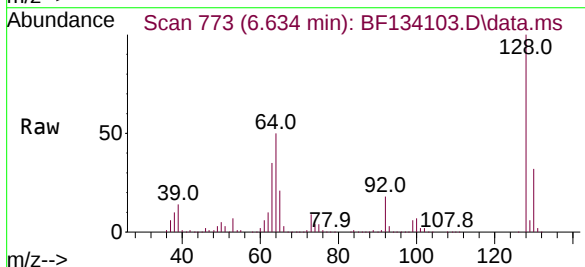
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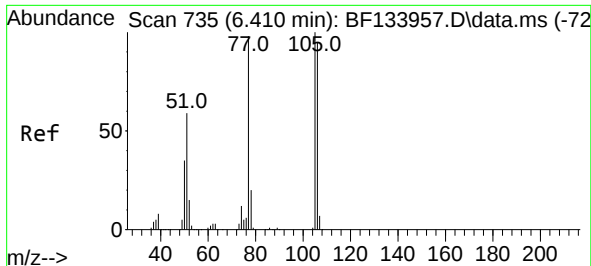
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#8
2-Chlorophenol
Concen: 45.653 ng
RT: 6.634 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

Tgt Ion:128 Resp: 301842
Ion Ratio Lower Upper
128 100
130 32.0 11.7 51.7
64 50.0 31.3 71.3





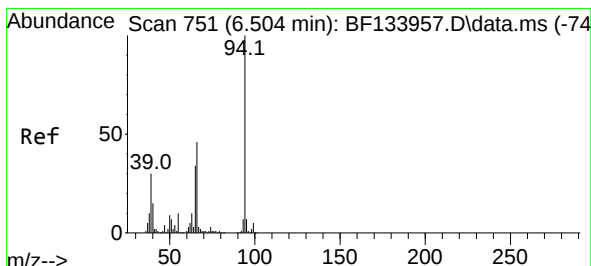
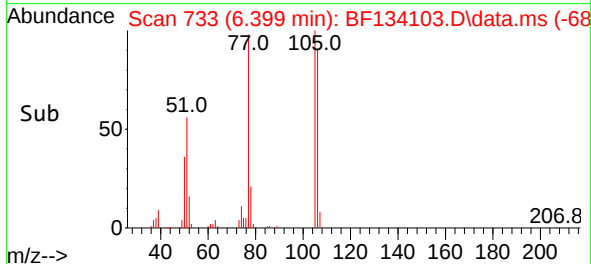
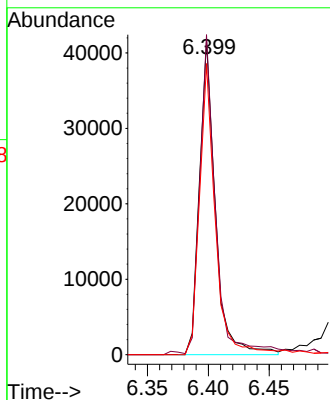
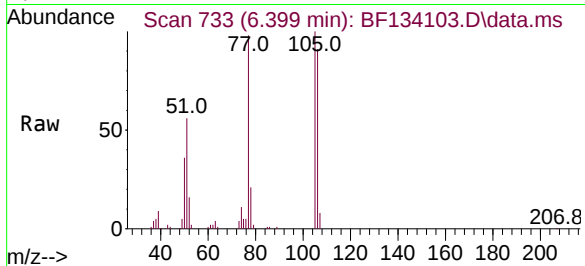
#9
Benzaldehyde
Concen: 6.235 ng
RT: 6.399 min Scan# 713
Delta R.T. -0.012 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

Instrument :
BNA_F
ClientSampleId :
PB153945BS

Tgt Ion: 77 Resp: 37739
Ion Ratio Lower Upper
77 100
105 101.8 82.0 122.0
106 92.6 76.9 116.9

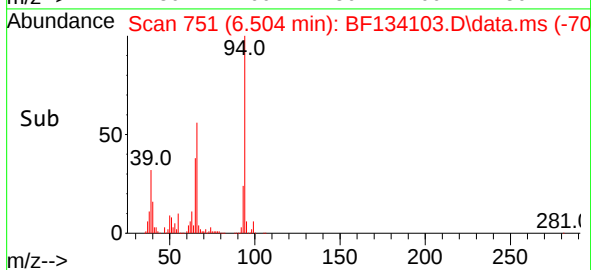
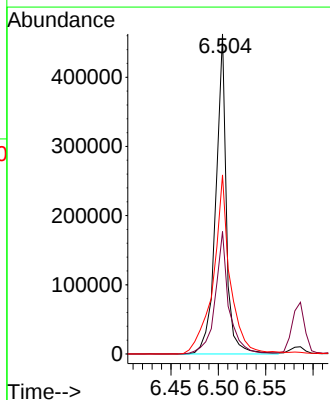
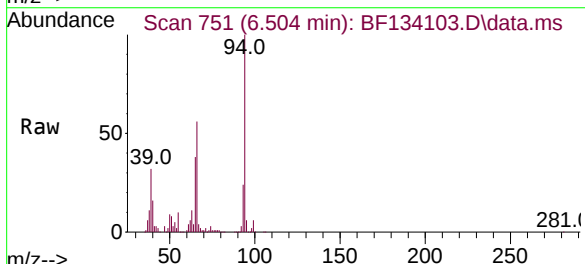
Manual Integrations
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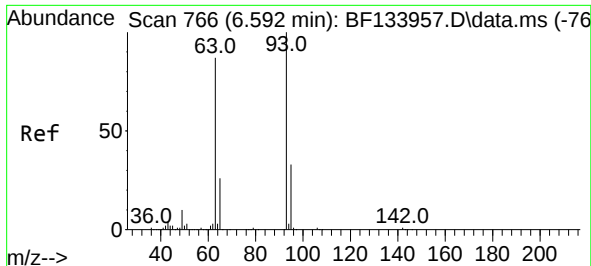
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#10
Phenol
Concen: 42.432 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

Tgt Ion: 94 Resp: 357354
Ion Ratio Lower Upper
94 100
65 38.3 14.2 54.2
66 55.9 26.4 66.4





#11
bis(2-Chloroethyl)ether
Concen: 44.253 ng
RT: 6.587 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

Instrument :

BNA_F

ClientSampleId :

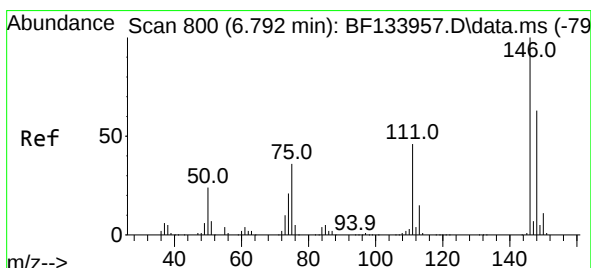
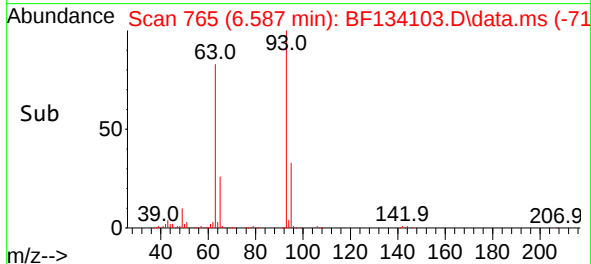
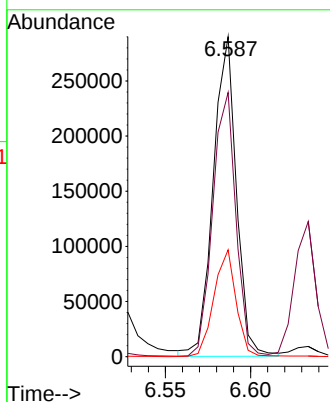
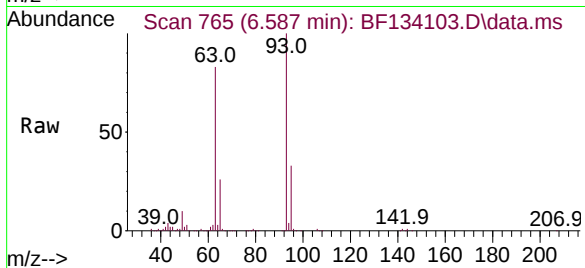
PB153945BS

Tgt Ion: 93 Resp: 274380
Ion Ratio Lower Upper
93 100
63 82.5 66.5 106.5
95 33.4 12.9 52.9

Manual Integrations

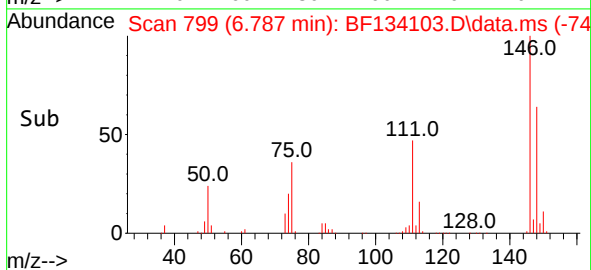
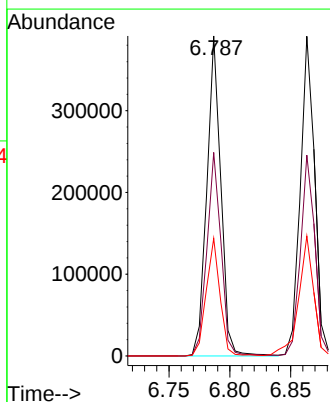
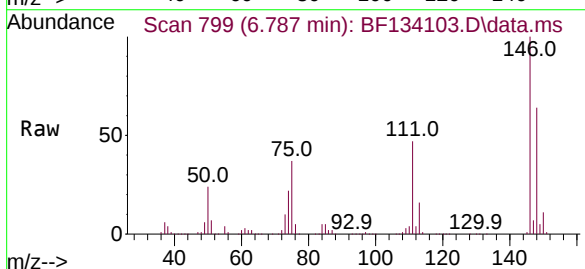
APPROVED

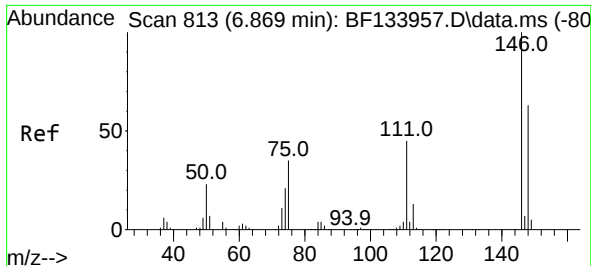
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#12
1,3-Dichlorobenzene
Concen: 44.370 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

Tgt Ion:146 Resp: 312758
Ion Ratio Lower Upper
146 100
148 63.6 50.5 75.7
75 36.8 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 45.855 ng

RT: 6.863 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF134103.D

Acq: 06 Jul 2023 18:15

Instrument :

BNA_F

ClientSampleId :

PB153945BS

Tgt Ion:146 Resp: 326474

Ion Ratio Lower Upper

146 100

148 62.8 50.2 75.2

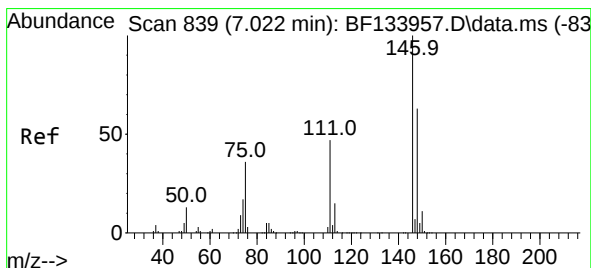
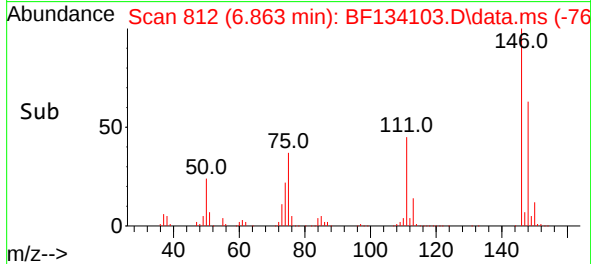
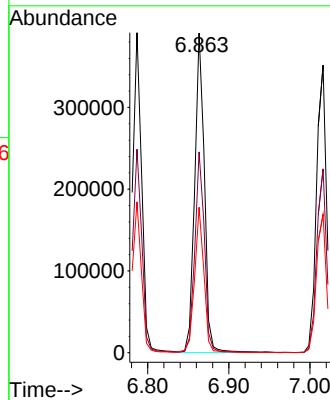
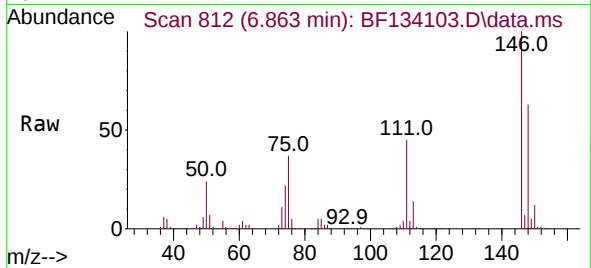
111 45.5 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#14

1,2-Dichlorobenzene

Concen: 45.752 ng

RT: 7.016 min Scan# 838

Delta R.T. -0.006 min

Lab File: BF134103.D

Acq: 06 Jul 2023 18:15

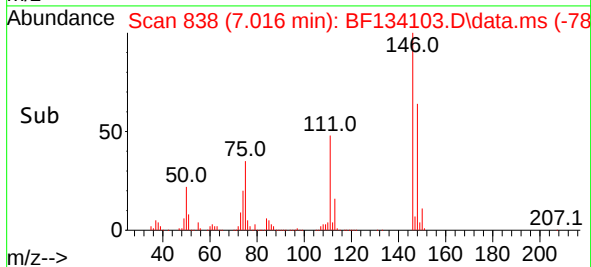
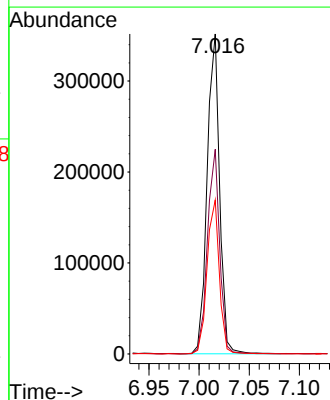
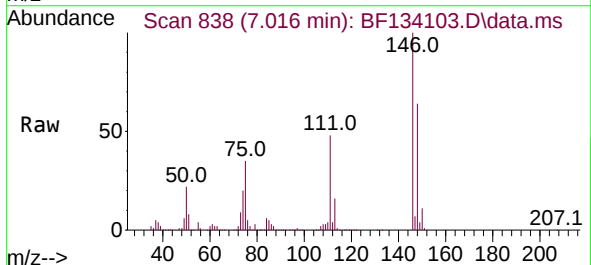
Tgt Ion:146 Resp: 305069

Ion Ratio Lower Upper

146 100

148 64.0 50.6 76.0

111 48.1 38.0 57.0





#15
Benzyl Alcohol
Concen: 44.083 ng
RT: 6.993 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

Instrument :

BNA_F

ClientSampleId :

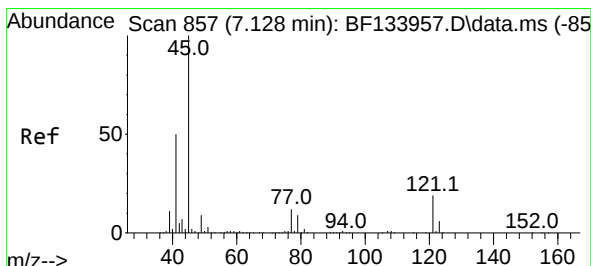
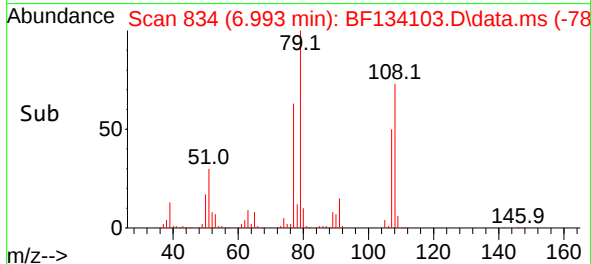
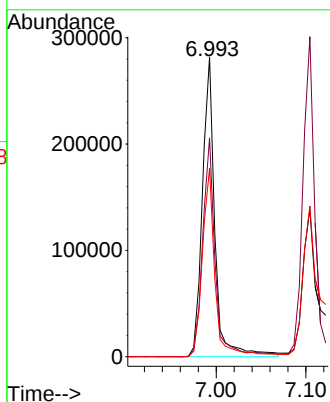
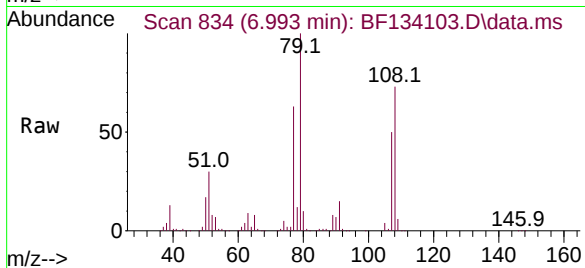
PB153945BS

Tgt Ion: 79 Resp: 272210
Ion Ratio Lower Upper
79 100
108 73.0 60.7 91.1
77 62.9 50.6 75.8

Manual Integrations

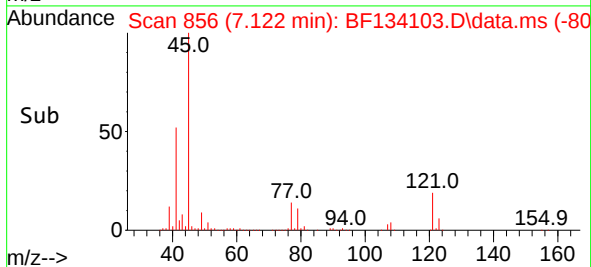
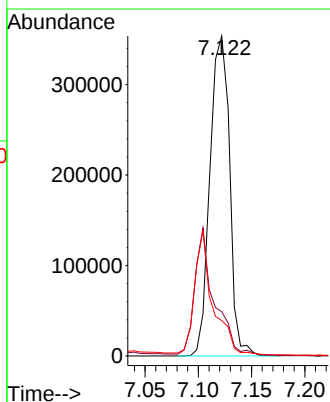
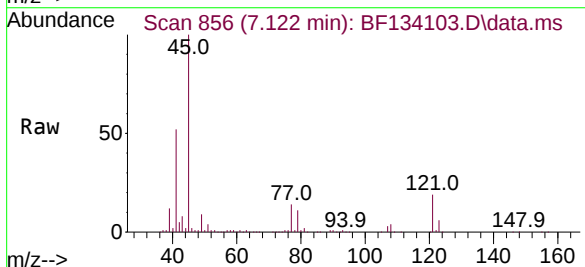
APPROVED

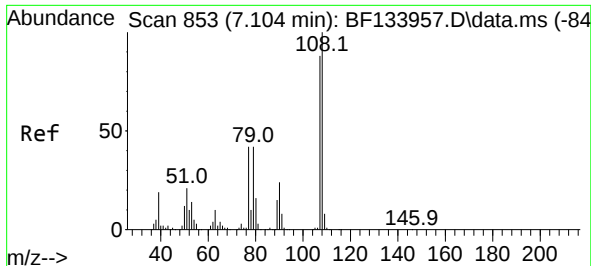
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.267 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

Tgt Ion: 45 Resp: 452671
Ion Ratio Lower Upper
45 100
77 13.9 0.0 32.9
79 11.0 0.0 29.5





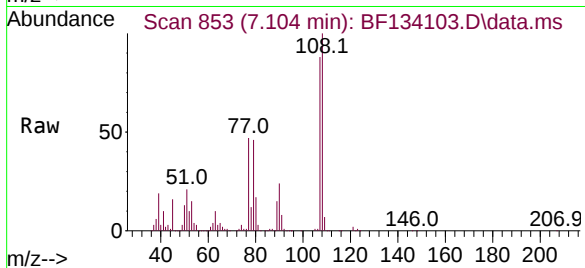
#17
2-Methylphenol
Concen: 42.565 ng
RT: 7.104 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

Instrument :

BNA_F

ClientSampleId :

PB153945BS

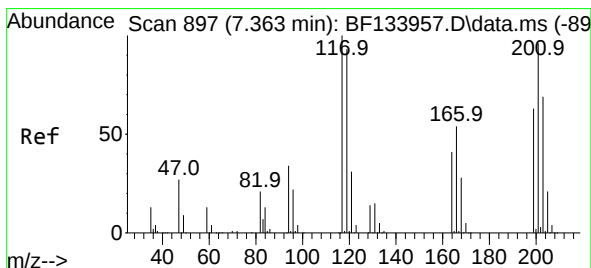
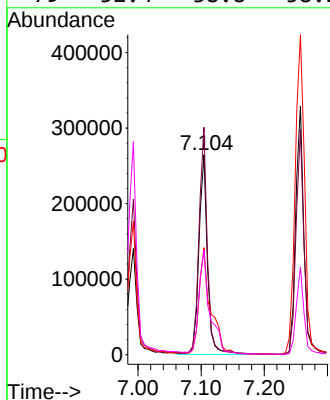
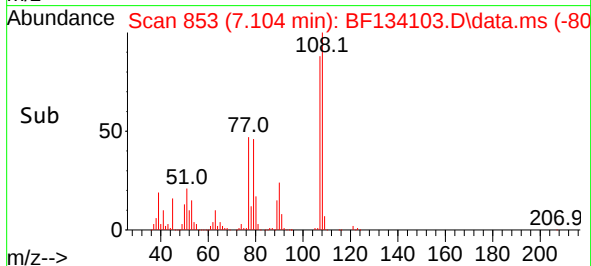


Tgt Ion:107 Resp: 252015
Ion Ratio Lower Upper
107 100
108 113.7 90.6 136.0
77 53.5 38.3 57.5
79 52.4 38.8 58.2

Manual Integrations

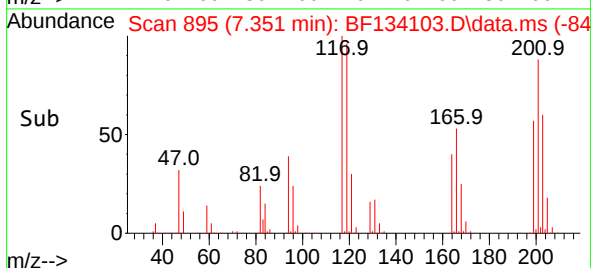
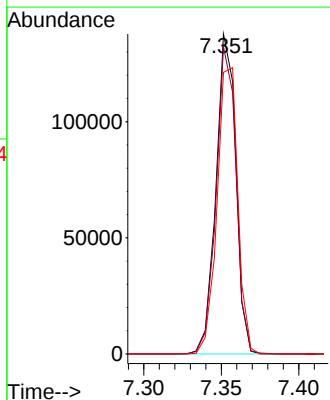
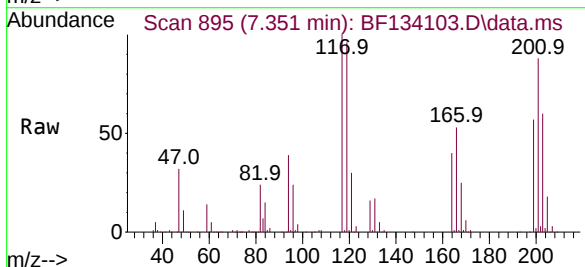
APPROVED

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



#18
Hexachloroethane
Concen: 46.503 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

Tgt Ion:117 Resp: 122762
Ion Ratio Lower Upper
117 100
119 96.0 74.2 111.4
201 88.0 77.2 115.8





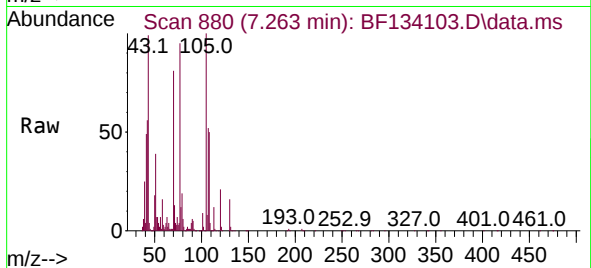
#19
n-Nitroso-di-n-propylamine
Concen: 41.377 ng
RT: 7.263 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

Instrument :

BNA_F

ClientSampleId :

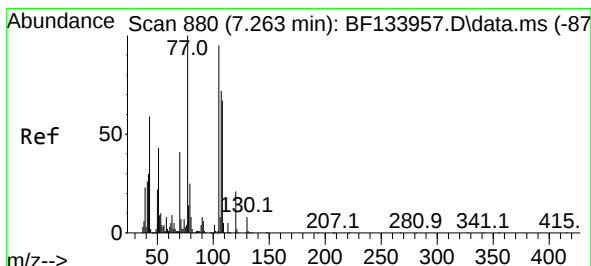
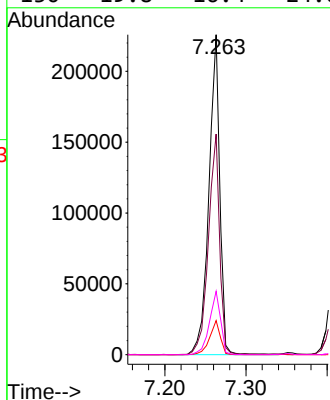
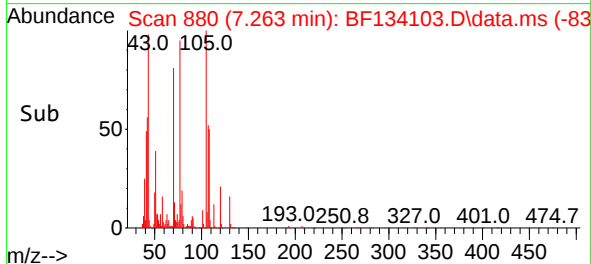
PB153945BS



Tgt Ion: 70 Resp: 21018
Ion Ratio Lower Upper
70 100
42 69.0 54.7 82.1
101 10.7 7.7 11.5
130 19.8 16.4 24.6

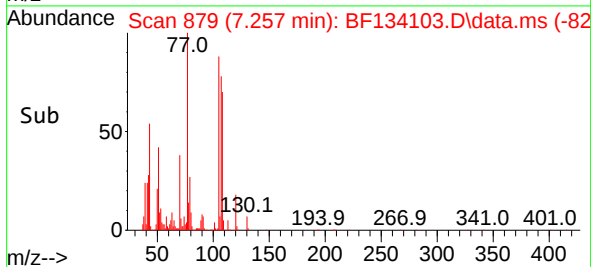
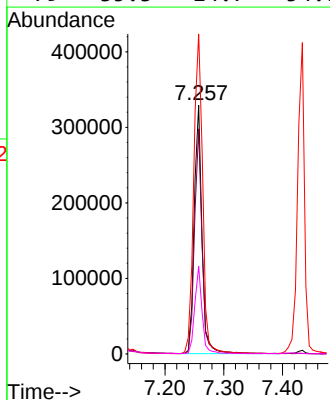
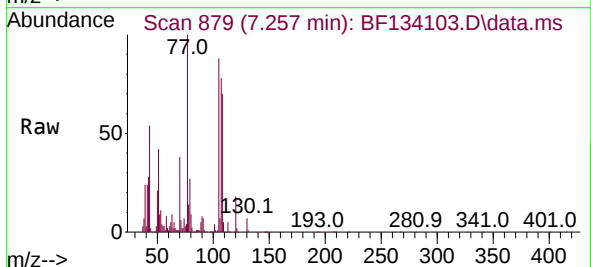
Manual Integrations
APPROVED

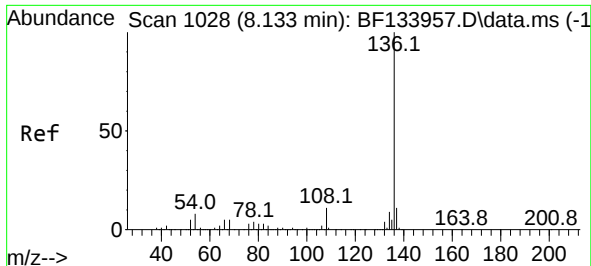
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#20
3+4-Methylphenols
Concen: 41.913 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

Tgt Ion:107 Resp: 301051
Ion Ratio Lower Upper
107 100
108 90.5 73.2 113.2
77 128.7 118.3 158.3
79 35.3 14.7 54.7





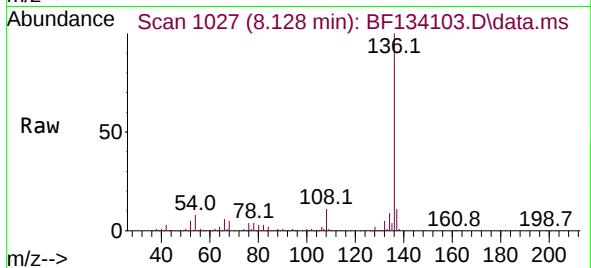
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

Instrument :

BNA_F

ClientSampleId :

PB153945BS



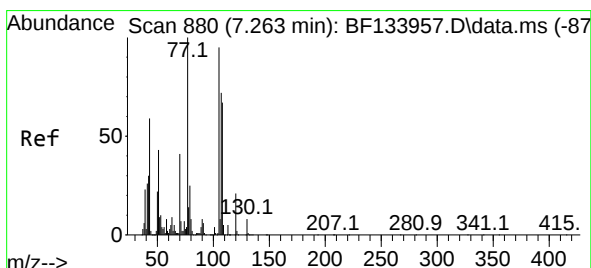
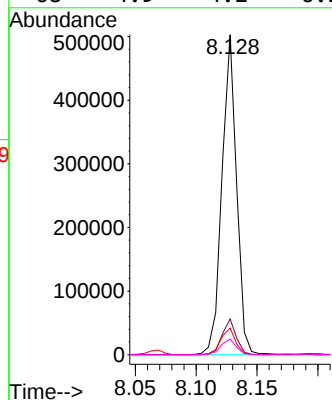
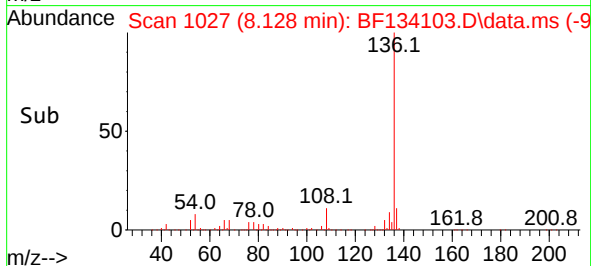
Tgt Ion:136 Resp: 421083
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 8.3 6.5 9.7
68 4.9 4.2 6.2

Manual Integrations

APPROVED

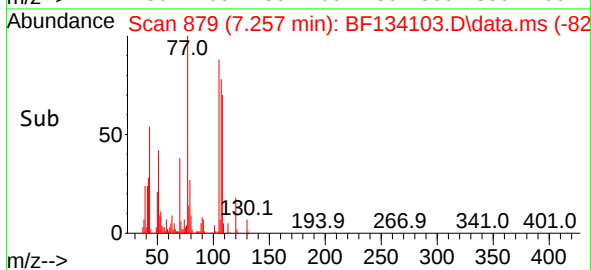
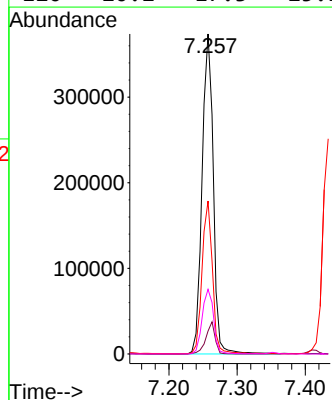
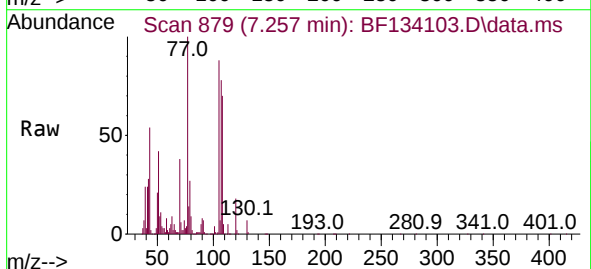
Reviewed By :Yogesh Patel 07/07/2023

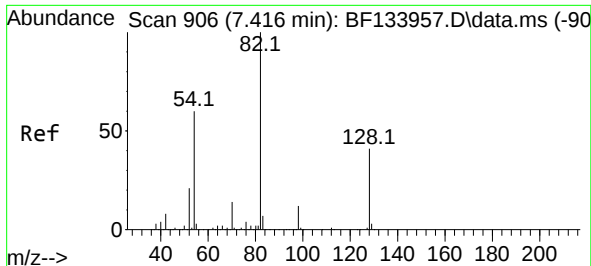
Supervised By :mohammad ahmed 07/07/2023



#22
Acetophenone
Concen: 44.586 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

Tgt Ion:105 Resp: 426978
Ion Ratio Lower Upper
105 100
71 7.1 5.5 8.3
51 47.8 36.5 54.7
120 20.2 17.3 25.9





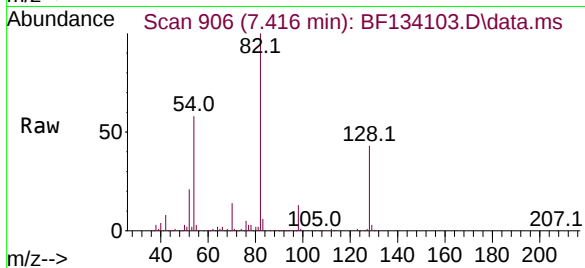
#23
Nitrobenzene-d5
Concen: 80.034 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

Instrument :

BNA_F

ClientSampleId :

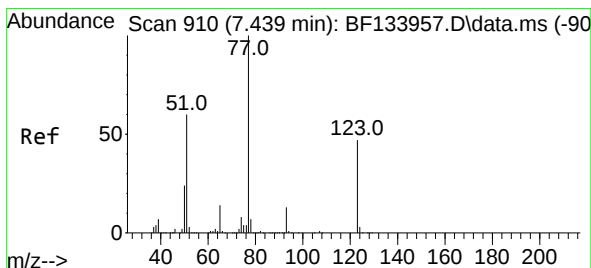
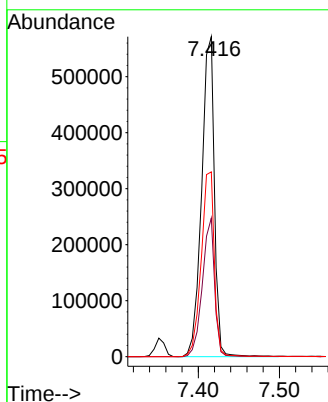
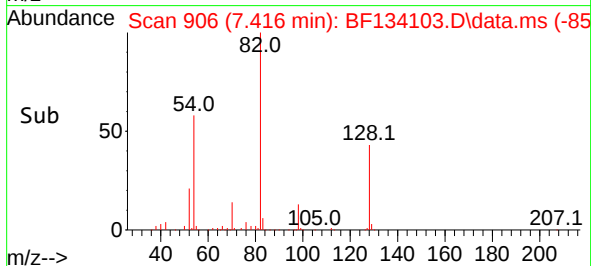
PB153945BS



Tgt Ion: 82 Resp: 625188
Ion Ratio Lower Upper
82 100
128 43.3 32.5 48.7
54 57.8 48.2 72.2

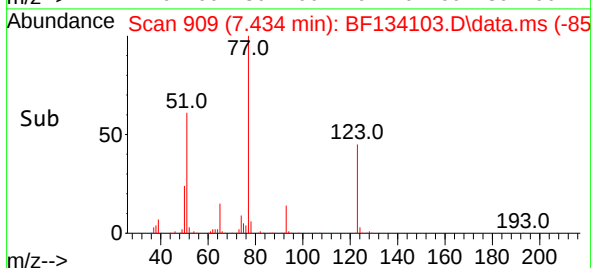
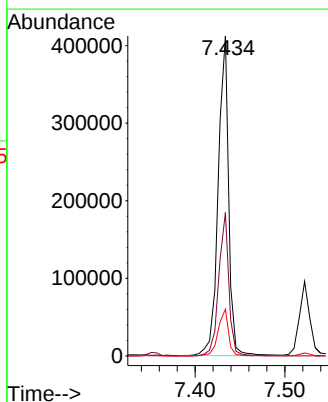
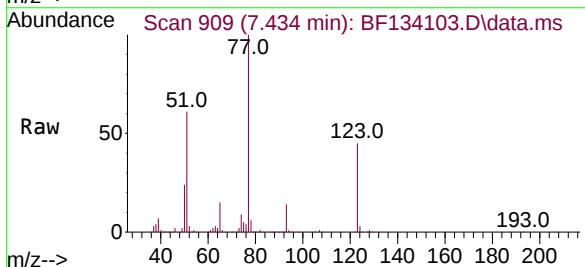
Manual Integrations
APPROVED

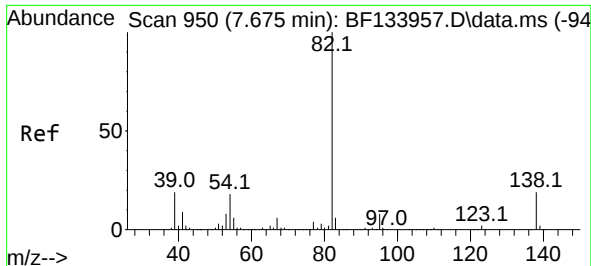
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#24
Nitrobenzene
Concen: 42.352 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

Tgt Ion: 77 Resp: 334315
Ion Ratio Lower Upper
77 100
123 44.8 37.8 56.6
65 14.6 11.3 16.9





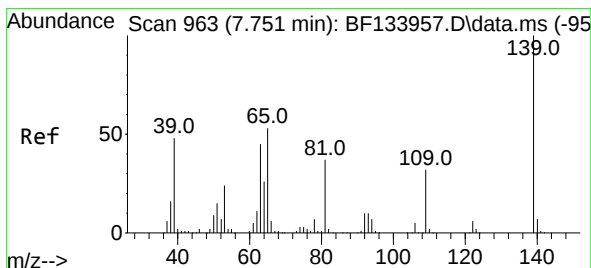
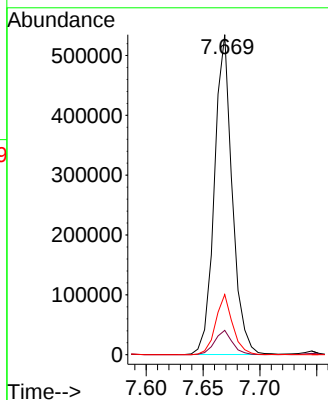
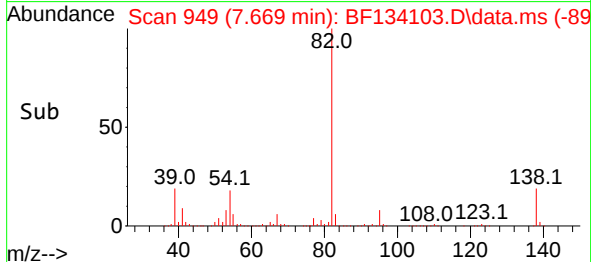
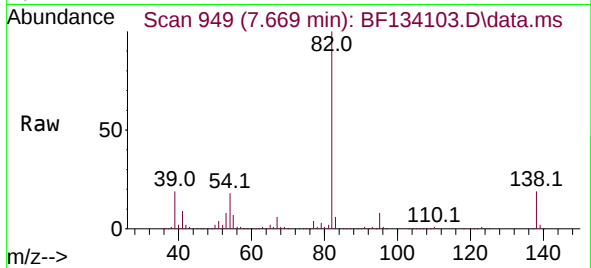
#25
Isophorone
Concen: 41.108 ng
RT: 7.669 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

Instrument :
BNA_F
Client Sample Id :
PB153945BS

Tgt Ion: 82 Resp: 583609
Ion Ratio Lower Upper
82 100
95 7.6 6.1 9.1
138 18.8 15.2 22.8

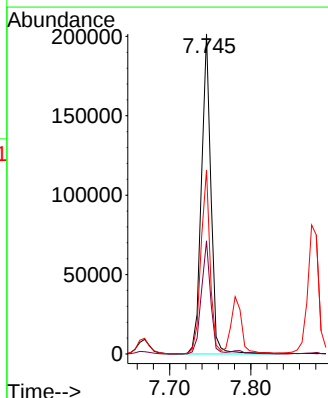
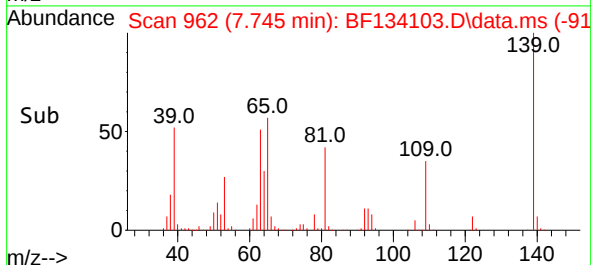
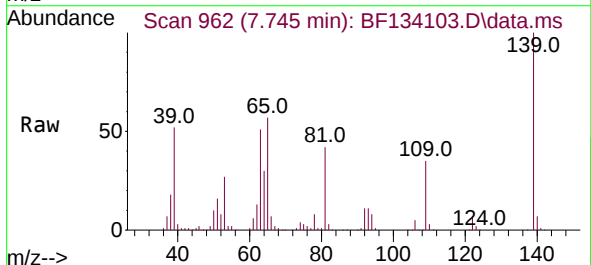
Manual Integrations
APPROVED

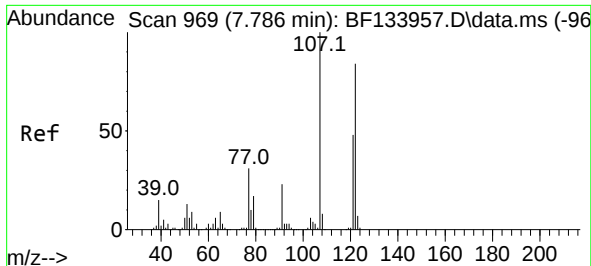
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#26
2-Nitrophenol
Concen: 43.527 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

Tgt Ion:139 Resp: 164826
Ion Ratio Lower Upper
139 100
109 35.3 25.8 38.8
65 57.5 42.4 63.6





#27

2,4-Dimethylphenol

Concen: 42.952 ng

RT: 7.781 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF134103.D

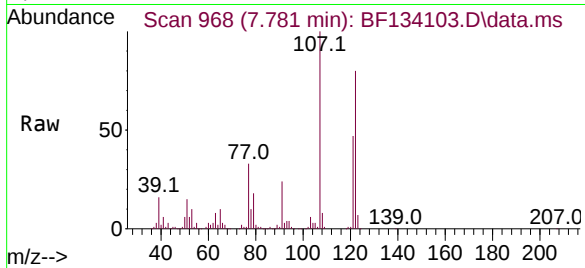
Acq: 06 Jul 2023 18:15

Instrument :

BNA_F

ClientSampleId :

PB153945BS



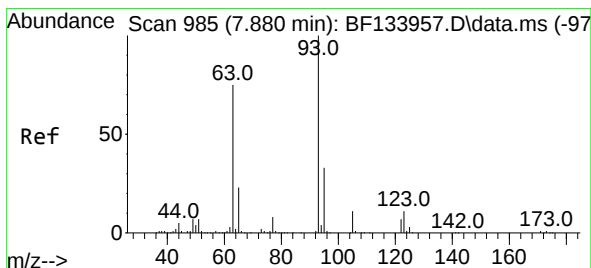
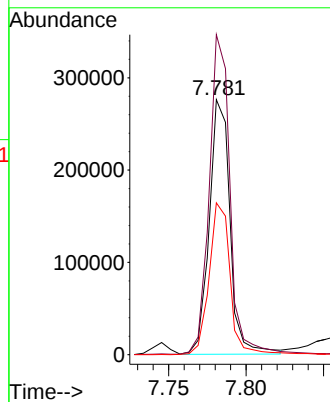
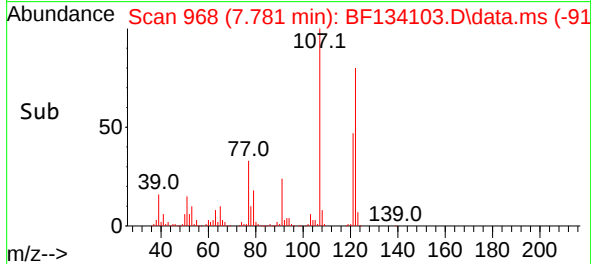
Tgt Ion:	122	Resp:	257462
Ion	Ratio	Lower	Upper
122	100		
107	125.4	95.5	143.3
121	59.5	45.5	68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#28

bis(2-Chloroethoxy)methane

Concen: 40.637 ng

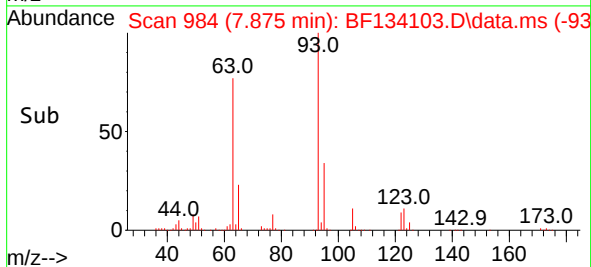
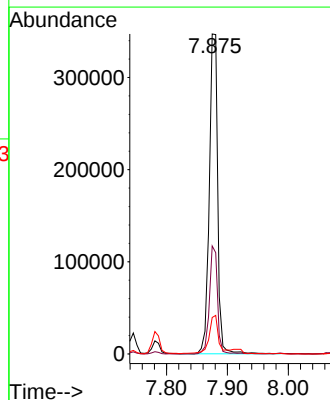
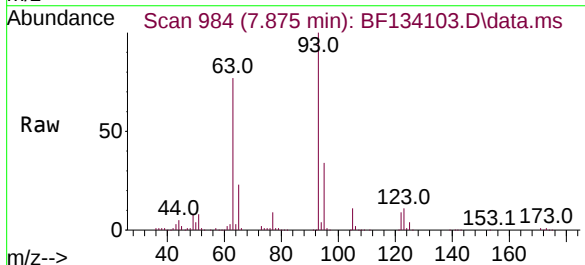
RT: 7.875 min Scan# 984

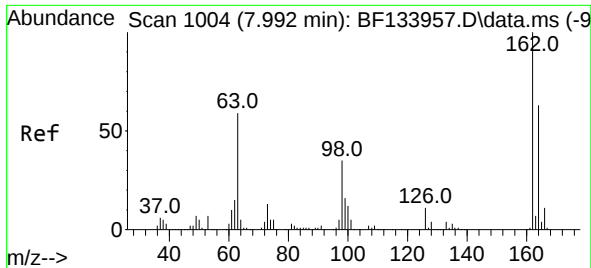
Delta R.T. -0.006 min

Lab File: BF134103.D

Acq: 06 Jul 2023 18:15

Tgt Ion:	93	Resp:	334051
Ion	Ratio	Lower	Upper
93	100		
95	33.8	26.5	39.7
123	11.4	9.1	13.7





#29

2,4-Dichlorophenol

Concen: 41.853 ng

RT: 7.987 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BF134103.D

Acq: 06 Jul 2023 18:15

Instrument :

BNA_F

ClientSampleId :

PB153945BS

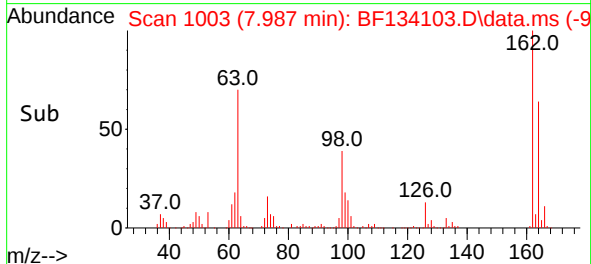
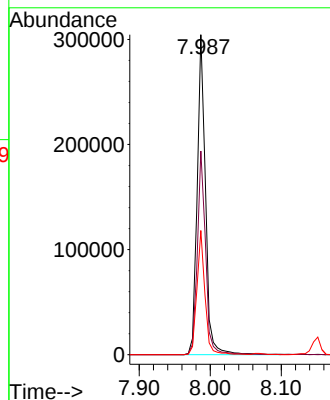
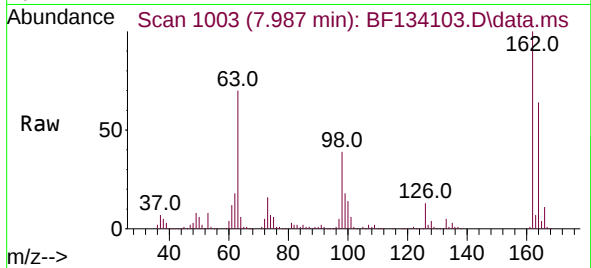
Tgt Ion:162 Resp: 248777
 Ion Ratio Lower Upper
 162 100
 164 63.7 43.2 83.2
 98 38.8 14.9 54.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#30

1,2,4-Trichlorobenzene

Concen: 43.733 ng

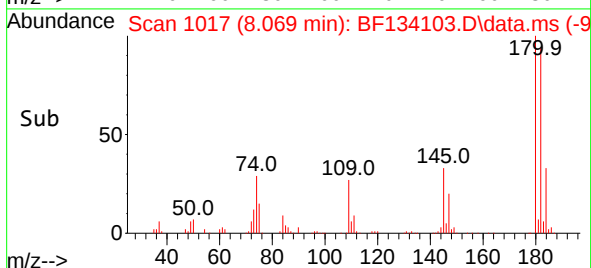
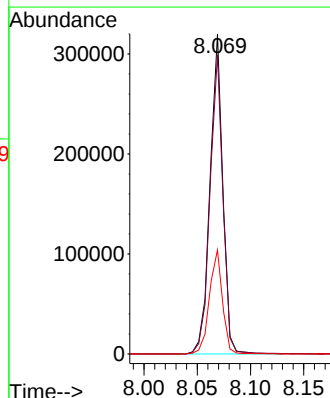
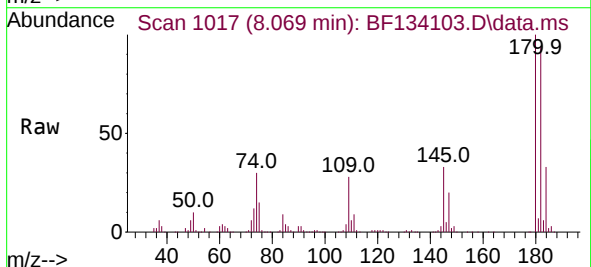
RT: 8.069 min Scan# 1017

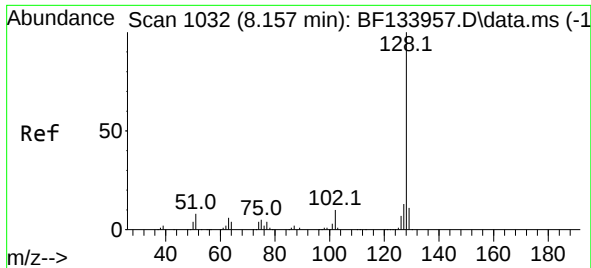
Delta R.T. -0.006 min

Lab File: BF134103.D

Acq: 06 Jul 2023 18:15

Tgt Ion:180 Resp: 268219
 Ion Ratio Lower Upper
 180 100
 182 93.5 77.1 115.7
 145 32.5 26.0 39.0





#31
Naphthalene
Concen: 40.446 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

Instrument :

BNA_F

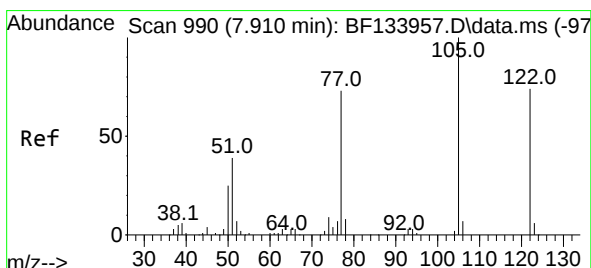
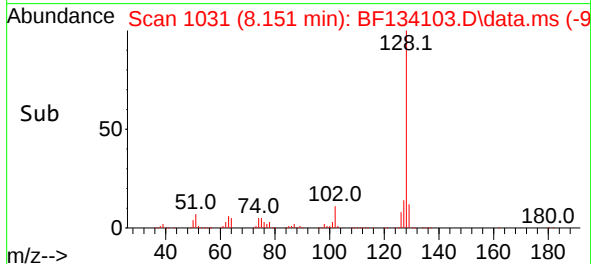
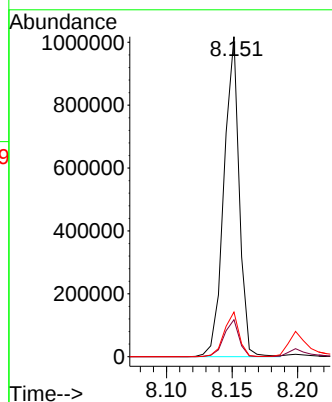
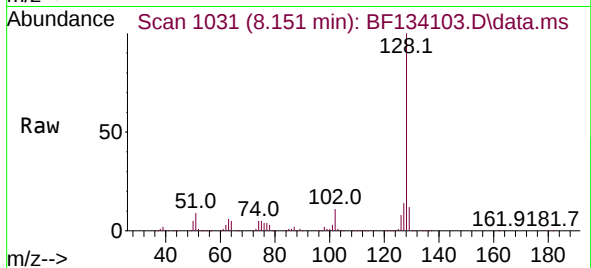
ClientSampleId :

PB153945BS

Tgt Ion:128 Resp: 82266
Ion Ratio Lower Upper
128 100
129 11.6 8.7 13.1
127 14.0 10.6 15.8

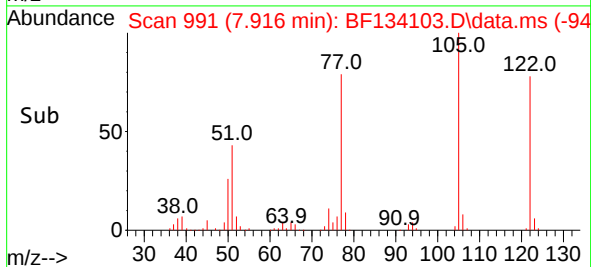
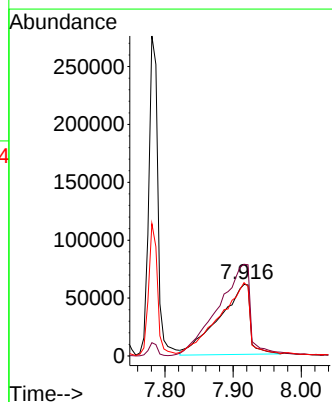
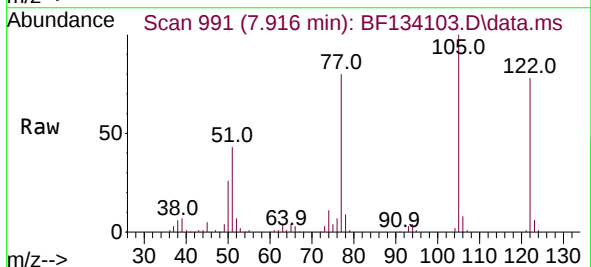
Manual Integrations
APPROVED

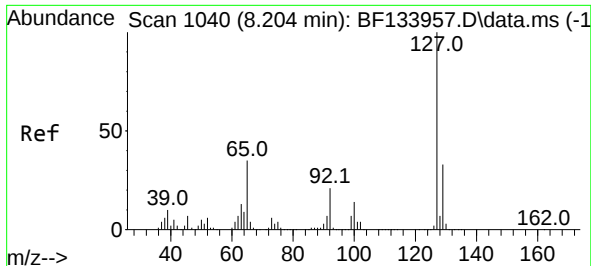
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#32
Benzoic acid
Concen: 43.223 ng
RT: 7.916 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

Tgt Ion:122 Resp: 194143
Ion Ratio Lower Upper
122 100
105 128.2 109.7 149.7
77 102.4 76.0 116.0





#33

4-Chloroaniline

Concen: 9.815 ng

RT: 8.198 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF134103.D

Acq: 06 Jul 2023 18:15

Instrument :

BNA_F

ClientSampleId :

PB153945BS

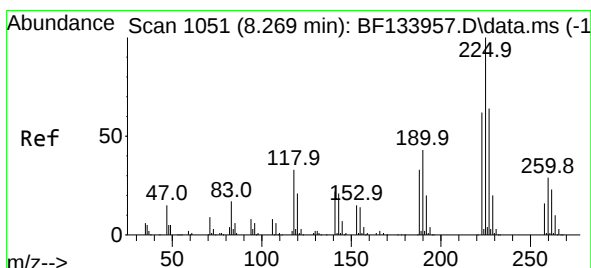
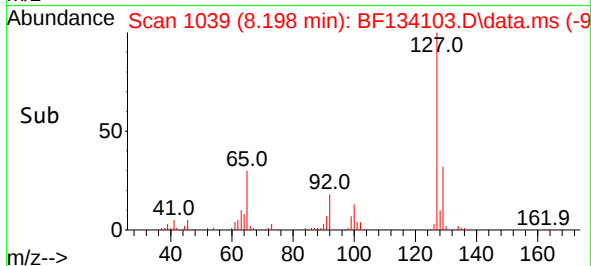
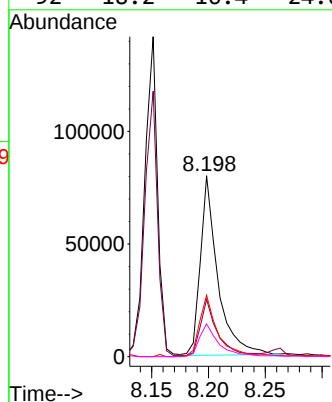
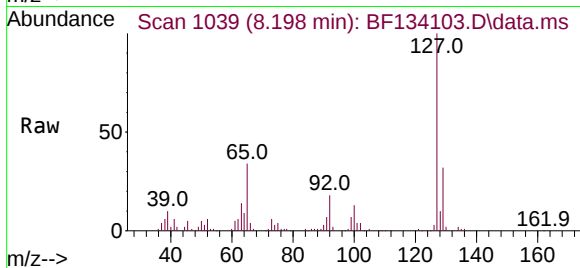
Tgt Ion:	127	Resp:	85390
Ion Ratio	Lower	Upper	
127	100		
129	31.6	26.4	39.6
65	33.9	27.8	41.8
92	18.2	16.4	24.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#34

Hexachlorobutadiene

Concen: 44.466 ng

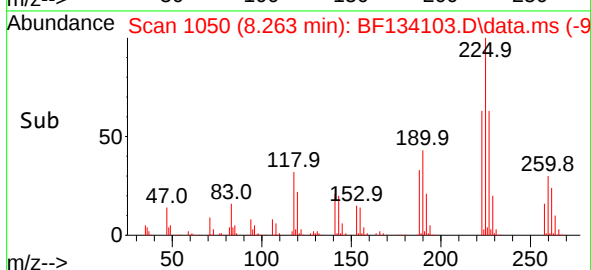
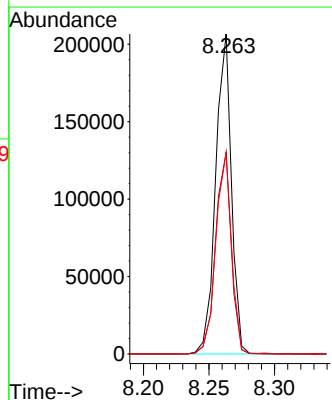
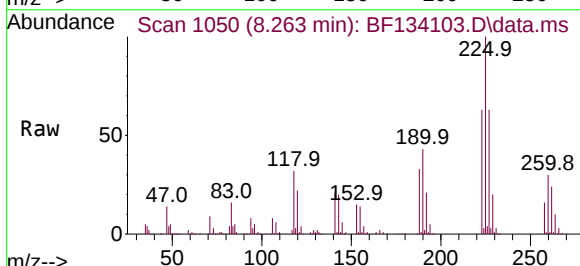
RT: 8.263 min Scan# 1050

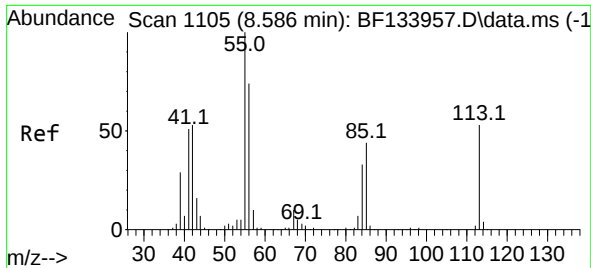
Delta R.T. 0.000 min

Lab File: BF134103.D

Acq: 06 Jul 2023 18:15

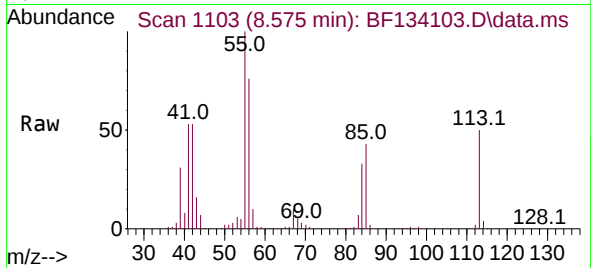
Tgt Ion:	225	Resp:	172031
Ion Ratio	Lower	Upper	
225	100		
223	63.0	49.8	74.8
227	62.7	51.0	76.4





#35
Caprolactam
Concen: 42.745 ng m
RT: 8.575 min Scan# 1105
Delta R.T. -0.018 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

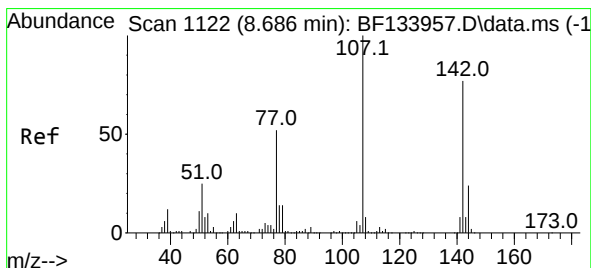
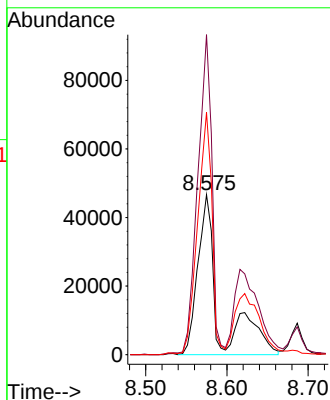
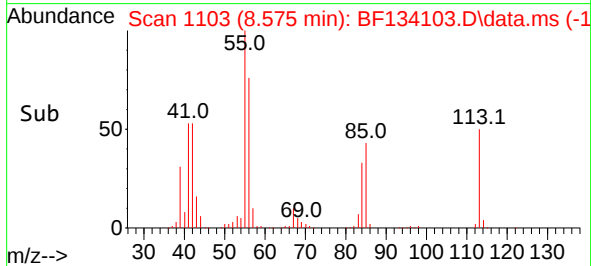
Instrument :
BNA_F
ClientSampleId :
PB153945BS



Tgt Ion:113 Resp: 83650
Ion Ratio Lower Upper
113 100
55 199.9 170.2 210.2
56 151.4 121.4 161.4

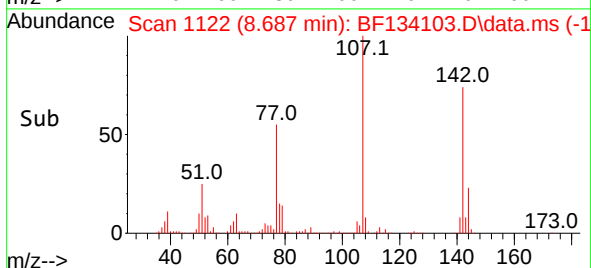
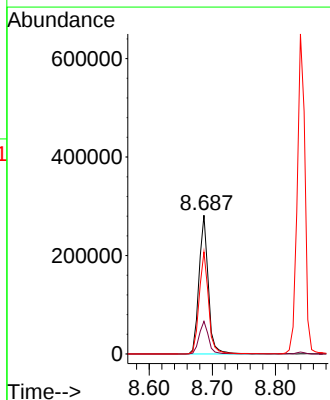
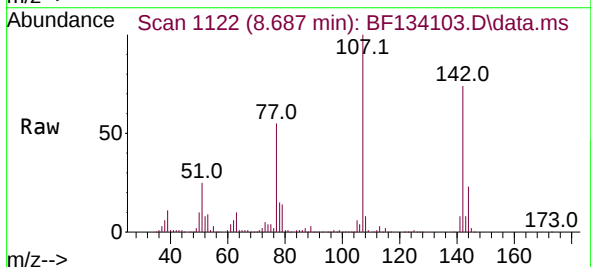
Manual Integrations
APPROVED

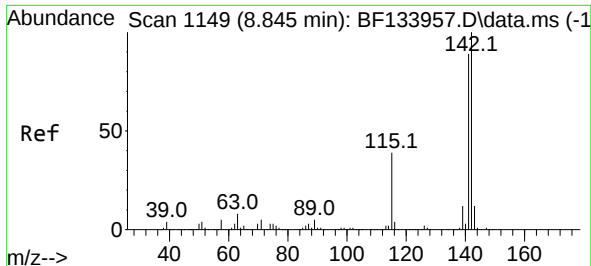
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#36
4-Chloro-3-methylphenol
Concen: 43.169 ng
RT: 8.687 min Scan# 1122
Delta R.T. 0.000 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

Tgt Ion:107 Resp: 288255
Ion Ratio Lower Upper
107 100
144 23.5 19.6 29.4
142 73.5 61.4 92.2





#37
2-Methylnaphthalene
Concen: 38.907 ng
RT: 8.840 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

Instrument :

BNA_F

ClientSampleId :

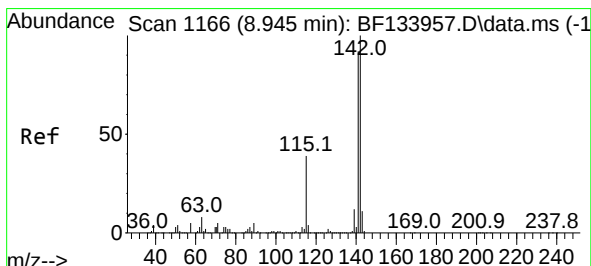
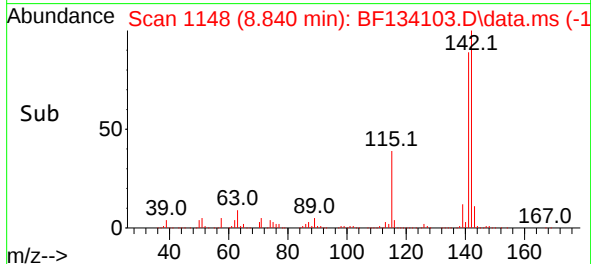
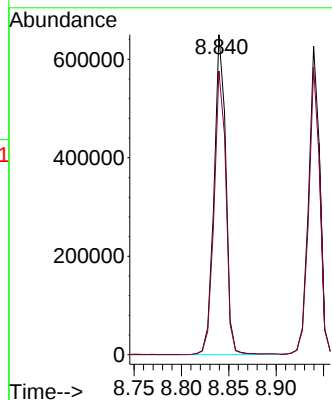
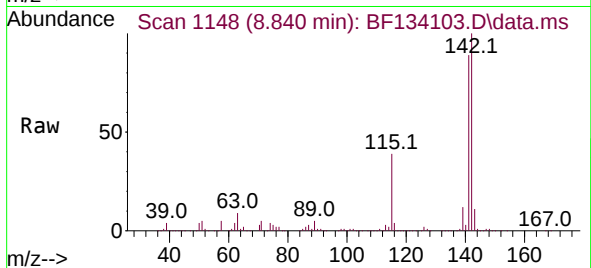
PB153945BS

Tgt Ion:142 Resp: 559618
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.4

Manual Integrations

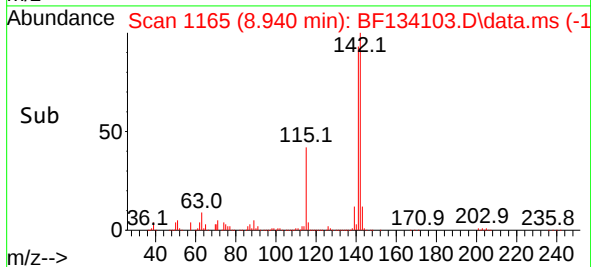
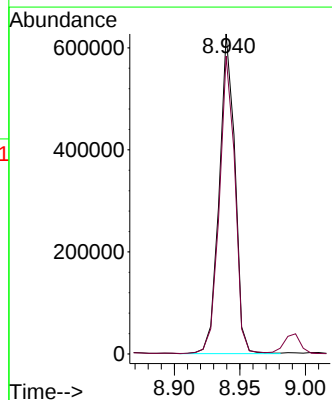
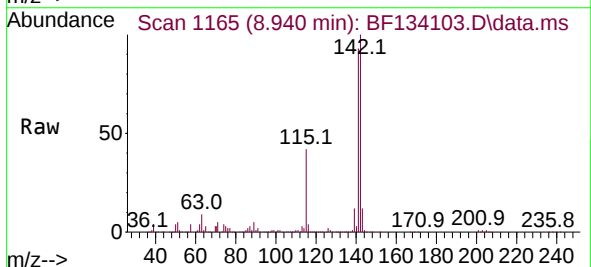
APPROVED

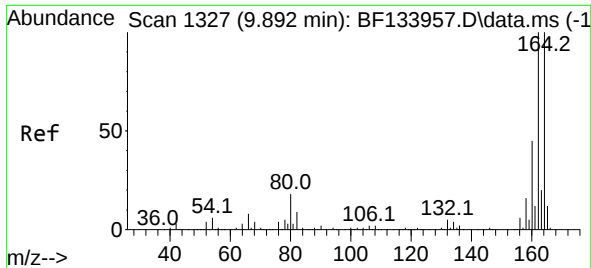
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#38
1-Methylnaphthalene
Concen: 38.825 ng
RT: 8.940 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

Tgt Ion:142 Resp: 519145
Ion Ratio Lower Upper
142 100
141 93.1 73.5 110.3





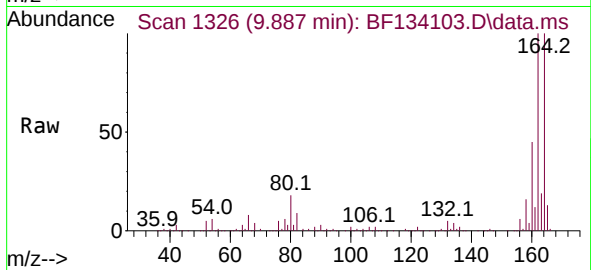
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.887 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

Instrument :

BNA_F

ClientSampleId :

PB153945BS



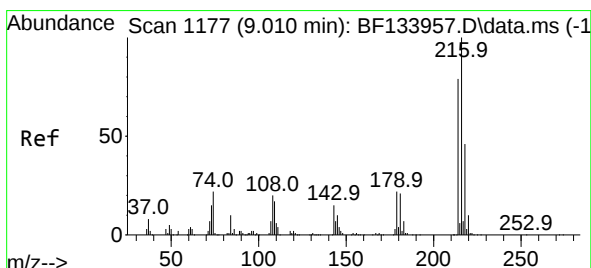
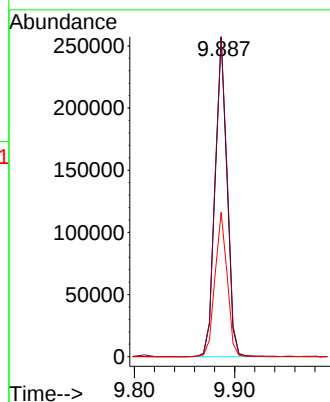
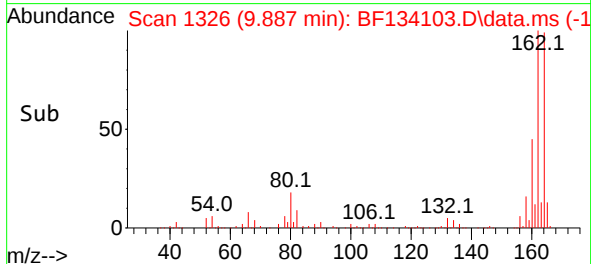
Tgt Ion:164 Resp: 212400
Ion Ratio Lower Upper
164 100
162 99.8 80.0 120.0
160 45.1 35.9 53.9

Manual Integrations

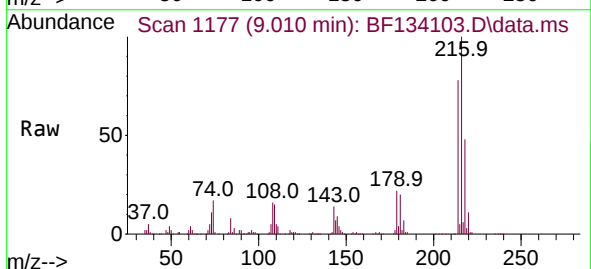
APPROVED

Reviewed By :Yogesh Patel 07/07/2023

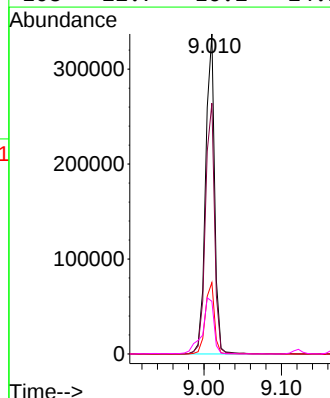
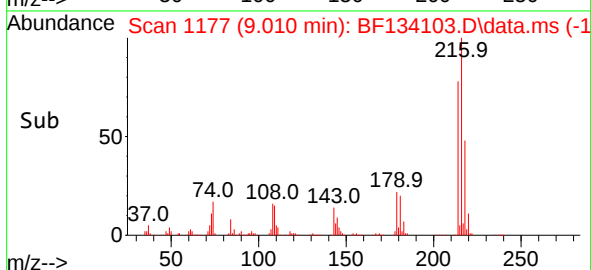
Supervised By :mohammad ahmed 07/07/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.170 ng
RT: 9.010 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15



Tgt Ion:216 Resp: 271659
Ion Ratio Lower Upper
216 100
214 80.3 64.1 96.1
179 22.4 17.3 25.9
108 22.7 16.2 24.2





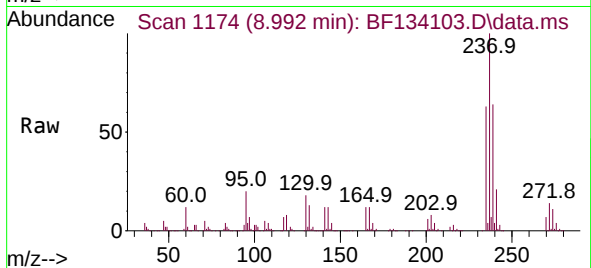
#41
Hexachlorocyclopentadiene
Concen: 91.545 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

Instrument :

BNA_F

ClientSampleId :

PB153945BS

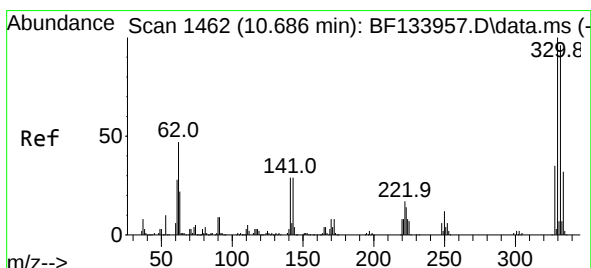
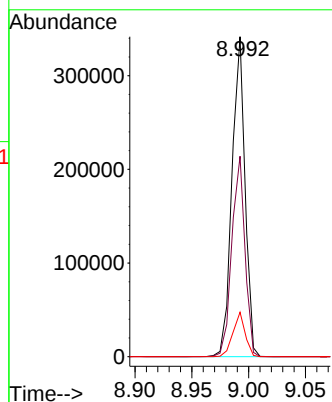
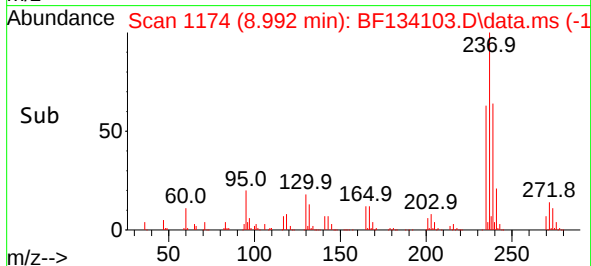


Tgt Ion:237 Resp: 27330
Ion Ratio Lower Upper
237 100
235 62.7 42.8 82.8
272 13.9 0.0 34.6

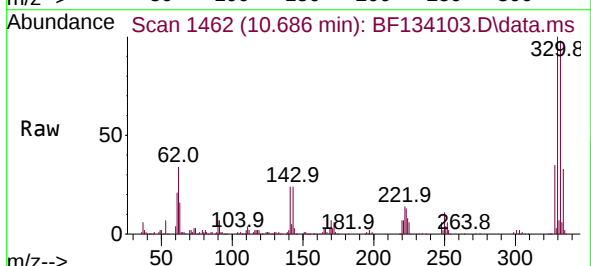
Manual Integrations

APPROVED

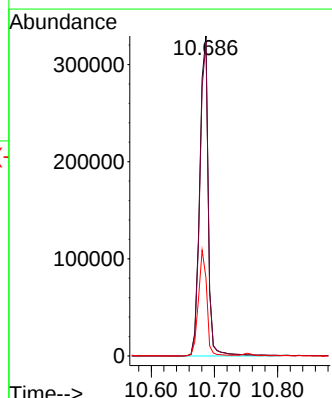
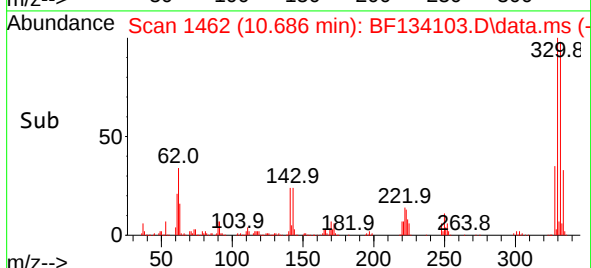
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

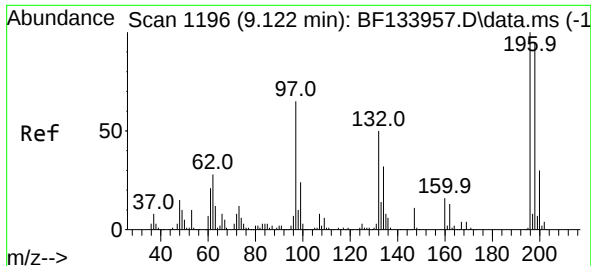


#42
2,4,6-Tribromophenol
Concen: 115.193 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15



Tgt Ion:330 Resp: 306772
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 32.5 26.3 39.5





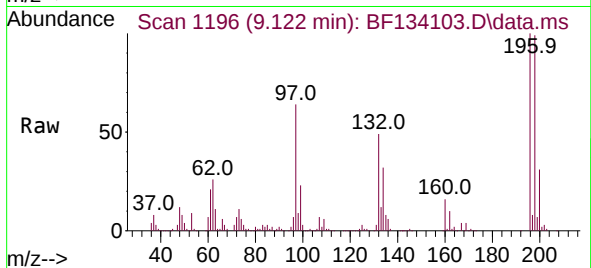
#43
2,4,6-Trichlorophenol
Concen: 41.763 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

Instrument :

BNA_F

ClientSampleId :

PB153945BS



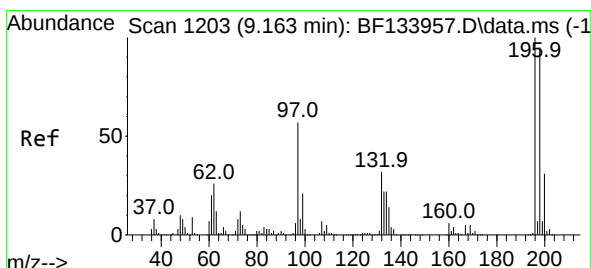
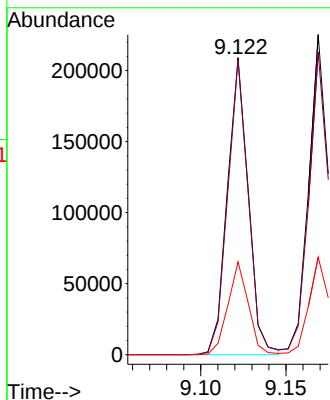
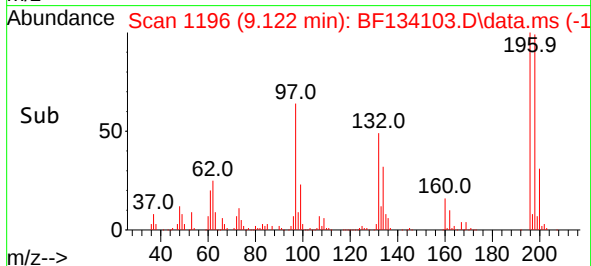
Tgt Ion:196 Resp: 178904
Ion Ratio Lower Upper
196 100
198 99.4 75.6 113.4
200 31.3 24.4 36.6

Manual Integrations

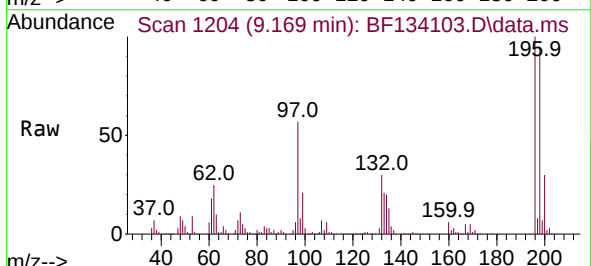
APPROVED

Reviewed By :Yogesh Patel 07/07/2023

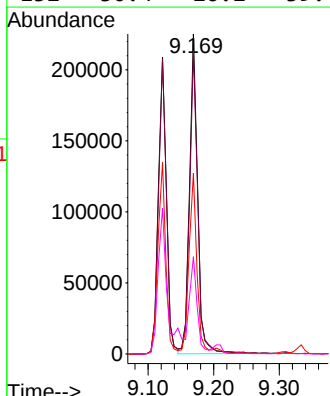
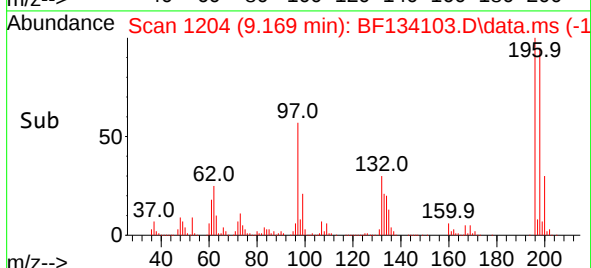
Supervised By :mohammad ahmed 07/07/2023

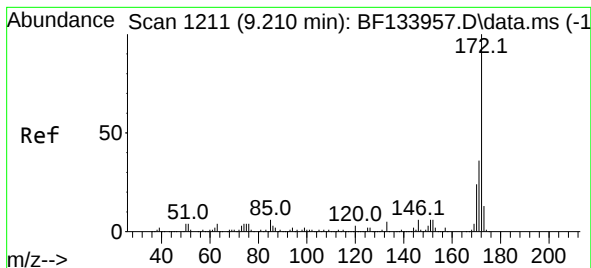


#44
2,4,5-Trichlorophenol
Concen: 38.382 ng
RT: 9.169 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15



Tgt Ion:196 Resp: 193405
Ion Ratio Lower Upper
196 100
198 94.5 75.7 113.5
97 56.5 45.8 68.6
132 30.4 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 78.443 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF134103.D

Acq: 06 Jul 2023 18:15

Instrument :

BNA_F

ClientSampleId :

PB153945BS

Tgt Ion:172 Resp: 114598

Ion Ratio Lower Upper

172 100

171 36.2 28.6 43.0

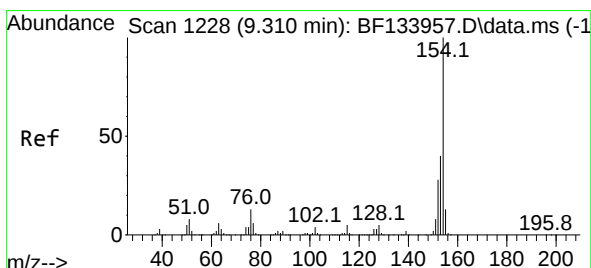
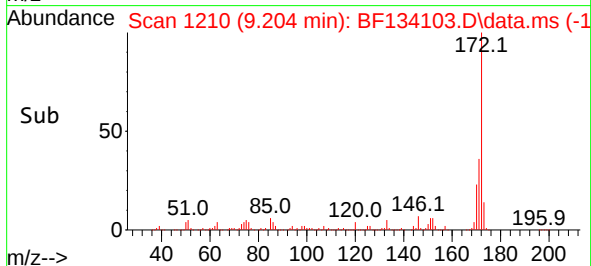
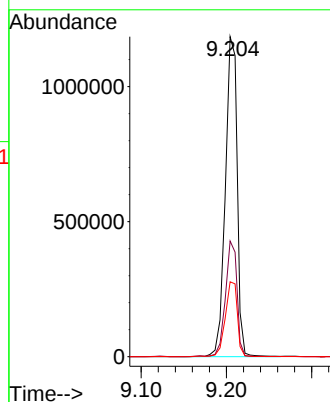
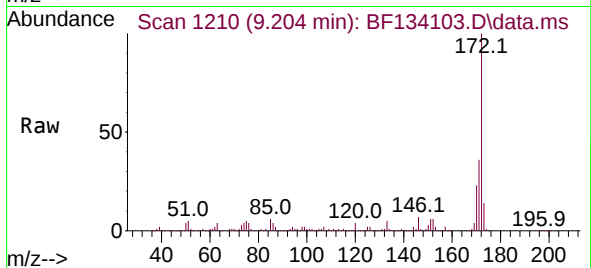
170 23.4 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#46

1,1'-Biphenyl

Concen: 41.814 ng

RT: 9.310 min Scan# 1228

Delta R.T. 0.000 min

Lab File: BF134103.D

Acq: 06 Jul 2023 18:15

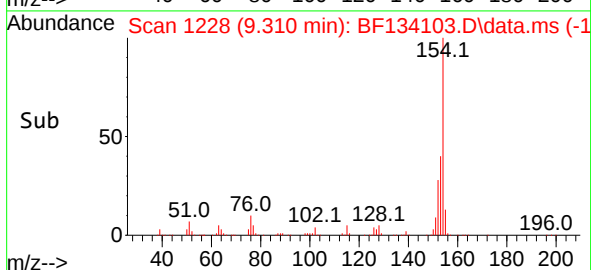
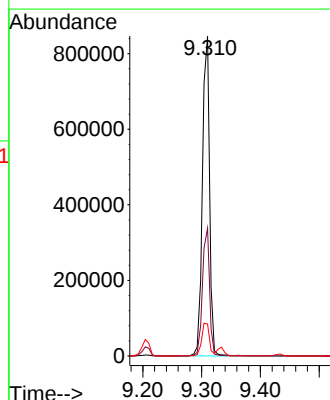
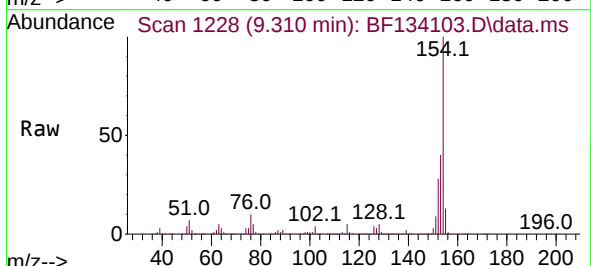
Tgt Ion:154 Resp: 712441

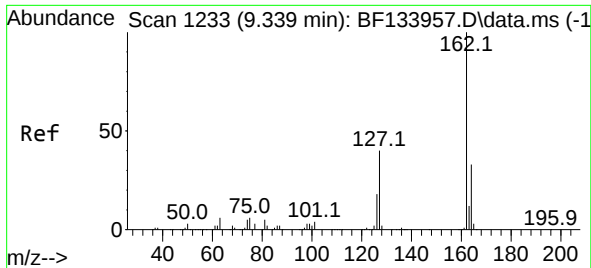
Ion Ratio Lower Upper

154 100

153 39.9 19.8 59.8

76 10.0 0.0 32.9





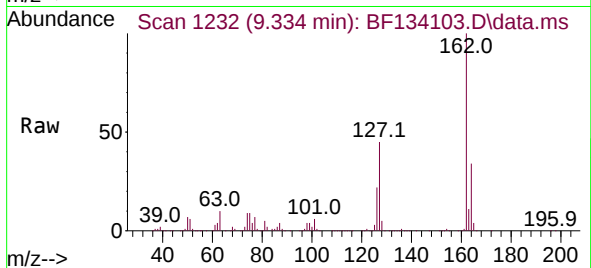
#47
2-Chloronaphthalene
Concen: 41.645 ng
RT: 9.334 min Scan# 1233
Delta R.T. -0.006 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

Instrument :

BNA_F

ClientSampleId :

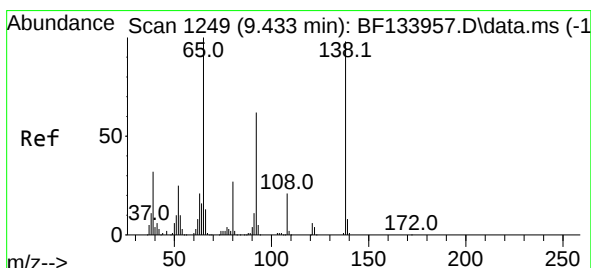
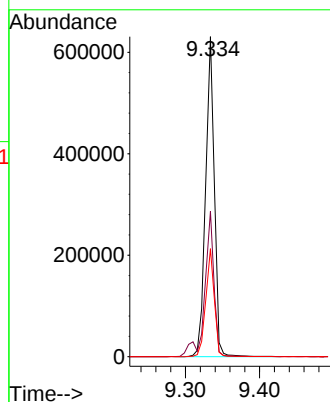
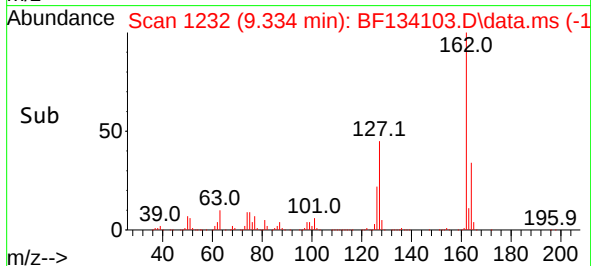
PB153945BS



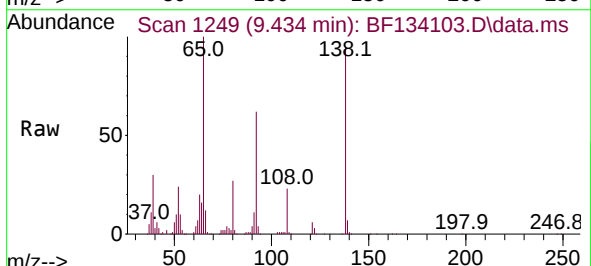
Tgt Ion:162 Resp: 51916
Ion Ratio Lower Upper
162 100
127 45.4 32.9 49.3
164 33.7 26.1 39.1

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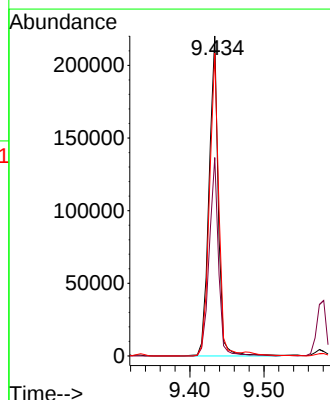
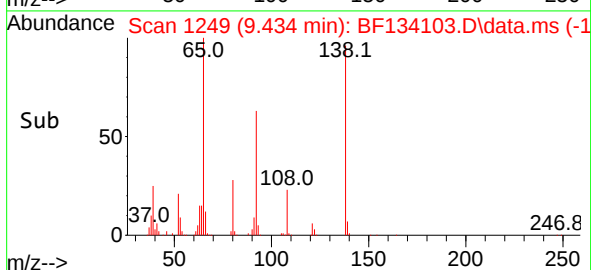
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

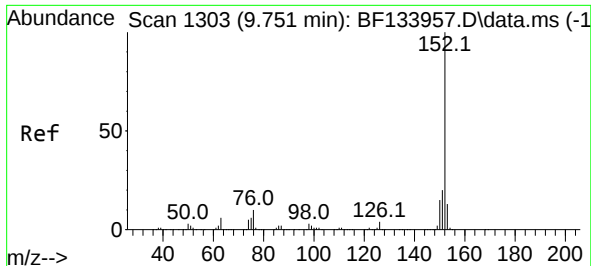


#48
2-Nitroaniline
Concen: 42.191 ng
RT: 9.434 min Scan# 1249
Delta R.T. -0.006 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15



Tgt Ion: 65 Resp: 191688
Ion Ratio Lower Upper
65 100
92 62.0 49.5 74.3
138 94.6 78.0 117.0





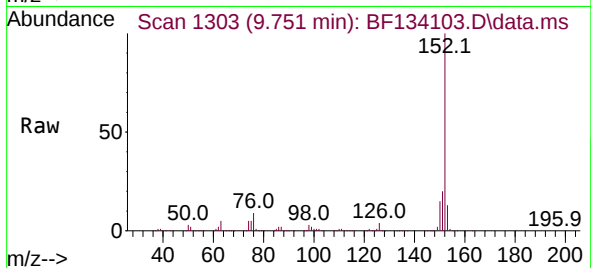
#49
Acenaphthylene
Concen: 40.408 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

Instrument :

BNA_F

ClientSampleId :

PB153945BS



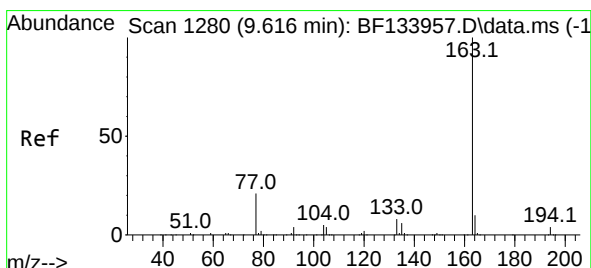
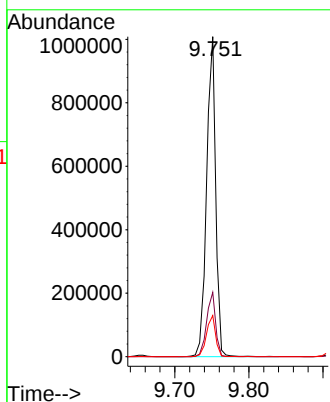
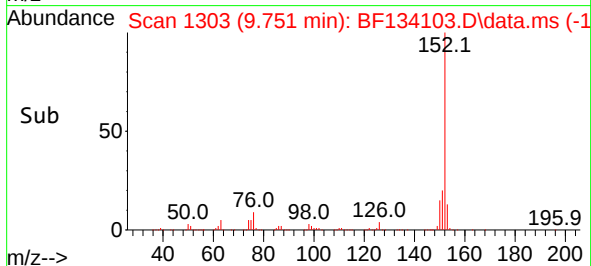
Tgt Ion:152 Resp: 860499
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 12.8 10.8 16.2

Manual Integrations

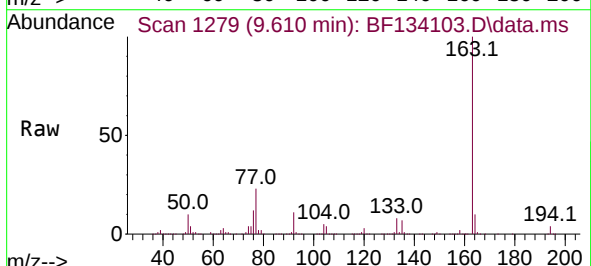
APPROVED

Reviewed By :Yogesh Patel 07/07/2023

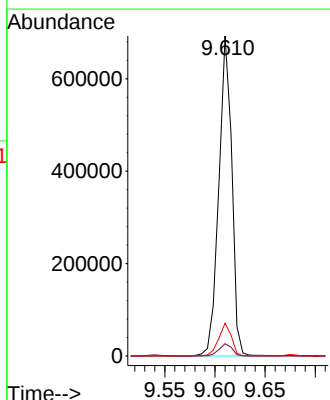
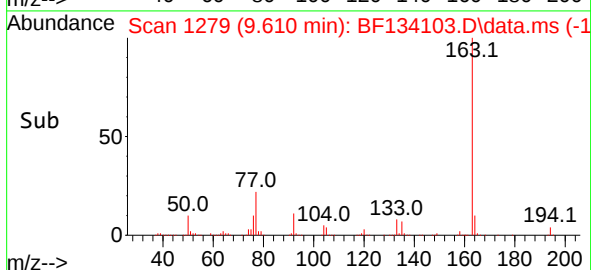
Supervised By :mohammad ahmed 07/07/2023

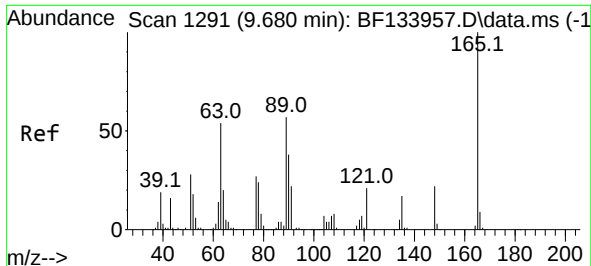


#50
Dimethylphthalate
Concen: 40.435 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15



Tgt Ion:163 Resp: 623447
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.2 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 41.946 ng

RT: 9.675 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134103.D

Acq: 06 Jul 2023 18:15

Instrument :

BNA_F

ClientSampleId :

PB153945BS

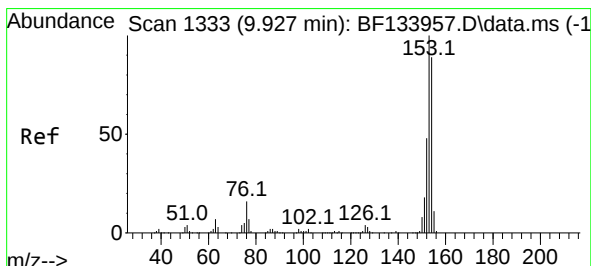
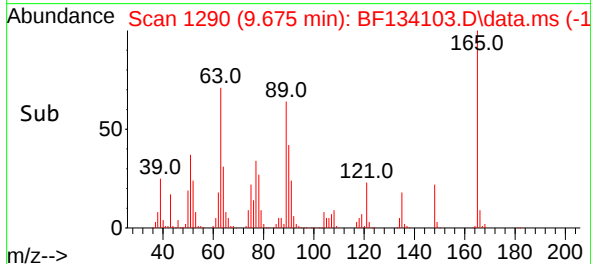
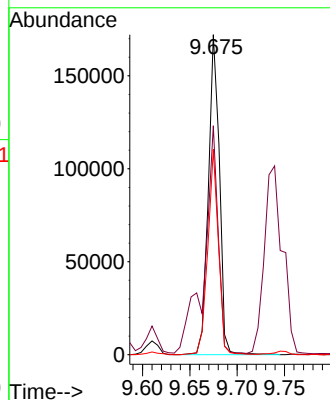
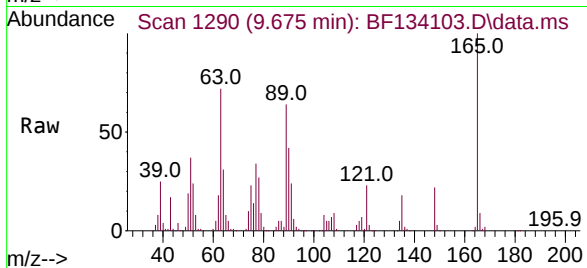
Tgt Ion:165 Resp: 139297
 Ion Ratio Lower Upper
 165 100
 63 71.6 48.5 72.7
 89 64.2 45.5 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#52

Acenaphthene

Concen: 41.148 ng

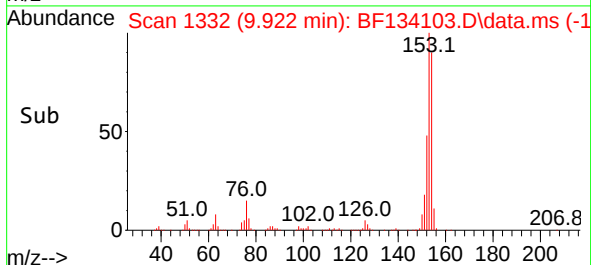
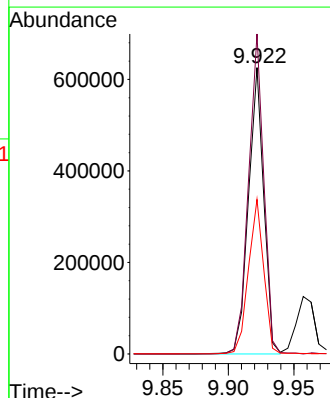
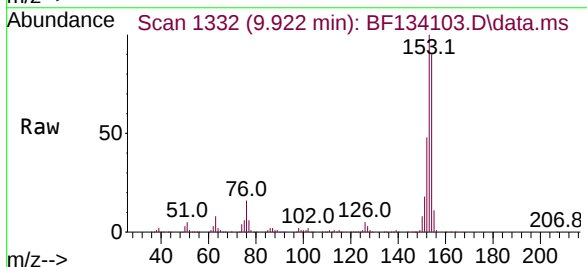
RT: 9.922 min Scan# 1332

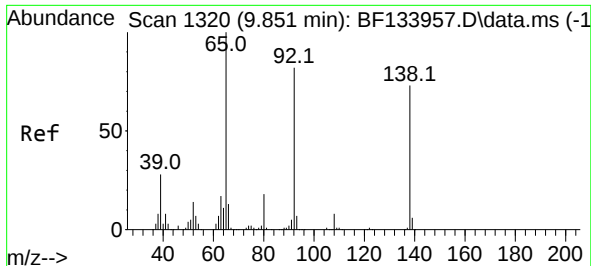
Delta R.T. -0.006 min

Lab File: BF134103.D

Acq: 06 Jul 2023 18:15

Tgt Ion:154 Resp: 508463
 Ion Ratio Lower Upper
 154 100
 153 111.7 89.4 134.2
 152 54.0 42.8 64.2





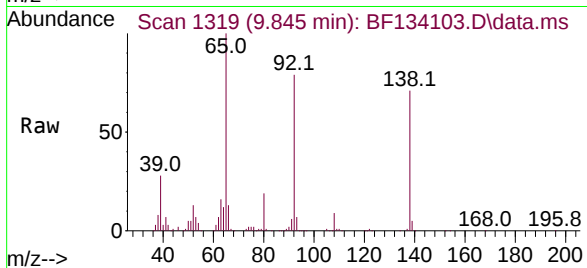
#53
3-Nitroaniline
Concen: 22.080 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

Instrument :

BNA_F

ClientSampleId :

PB153945BS



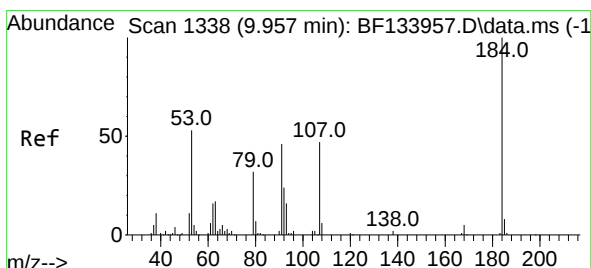
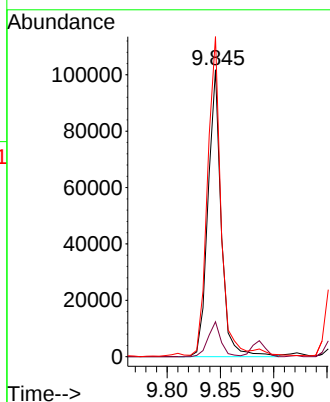
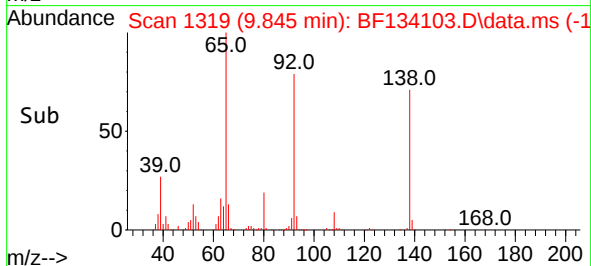
Tgt Ion:138 Resp: 87960
Ion Ratio Lower Upper
138 100
108 12.1 8.4 12.6
92 111.6 90.1 135.1

Manual Integrations

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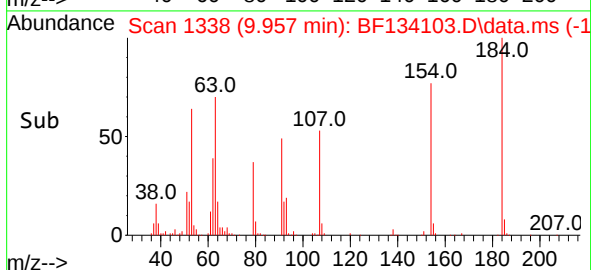
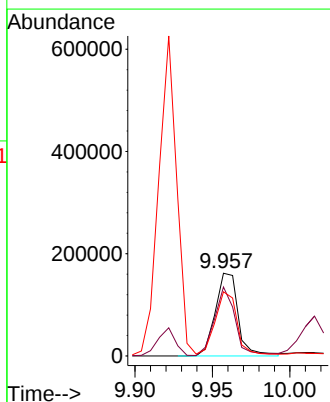
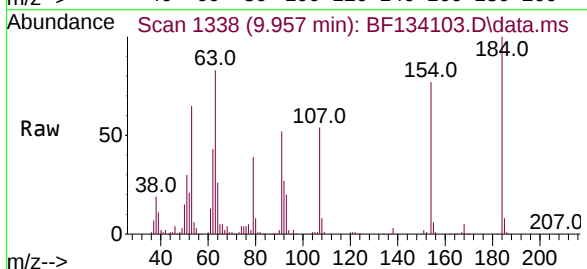
Reviewed By :Yogesh Patel 07/07/2023

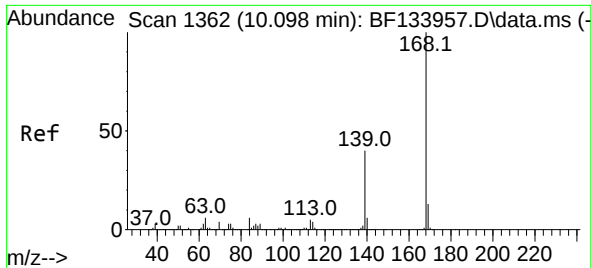
Supervised By :mohammad ahmed 07/07/2023



#54
2,4-Dinitrophenol
Concen: 86.420 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

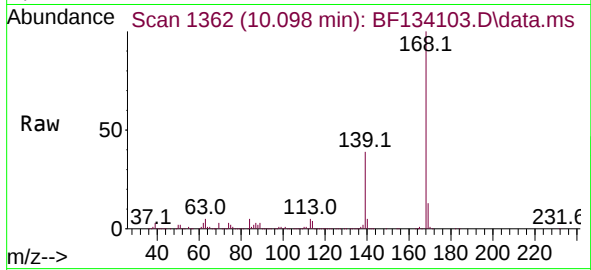
Tgt Ion:184 Resp: 166363
Ion Ratio Lower Upper
184 100
63 83.4 56.9 85.3
154 77.4 55.4 83.0





#55
Dibenzenofuran
Concen: 39.809 ng
RT: 10.098 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

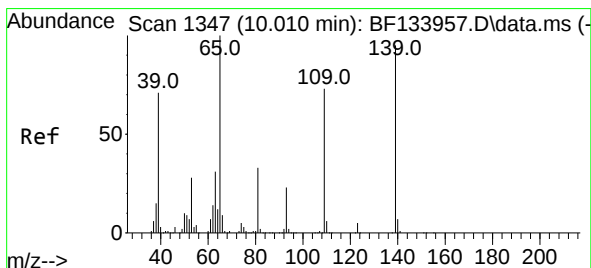
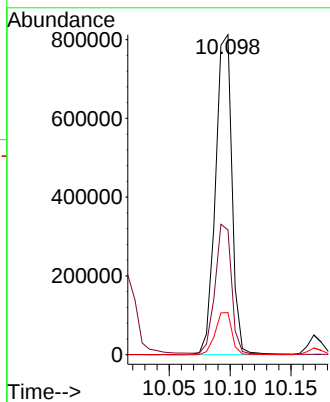
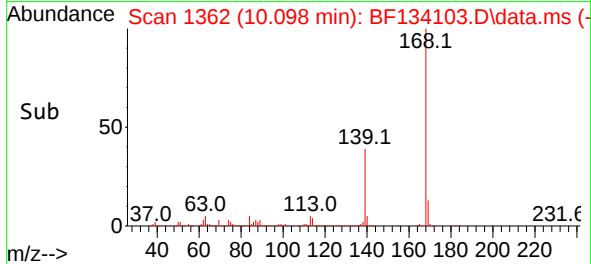
Instrument :
BNA_F
ClientSampleId :
PB153945BS



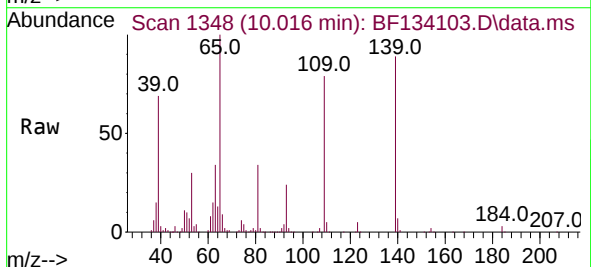
Tgt Ion:168 Resp: 76877
Ion Ratio Lower Upper
168 100
139 39.0 32.0 48.0
169 13.1 10.6 16.0

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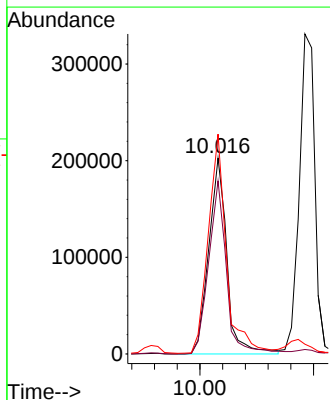
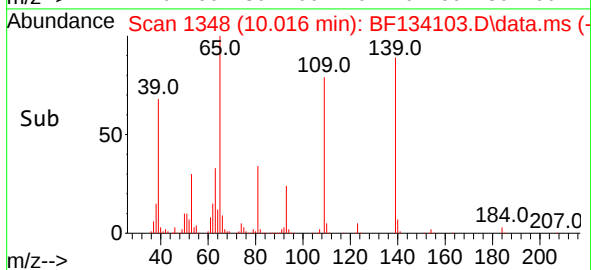
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

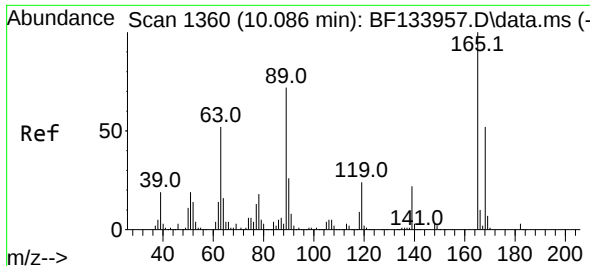


#56
4-Nitrophenol
Concen: 80.578 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15



Tgt Ion:139 Resp: 224547
Ion Ratio Lower Upper
139 100
109 88.4 56.8 96.8
65 112.2 86.1 126.1





#57
2,4-Dinitrotoluene
Concen: 42.118 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

Instrument :

BNA_F

ClientSampleId :

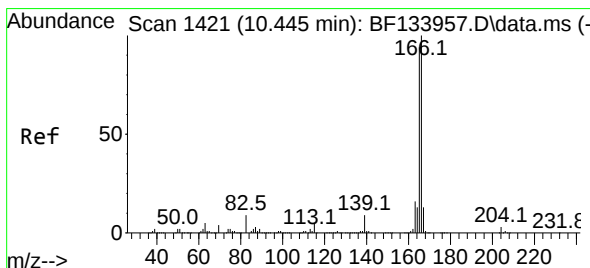
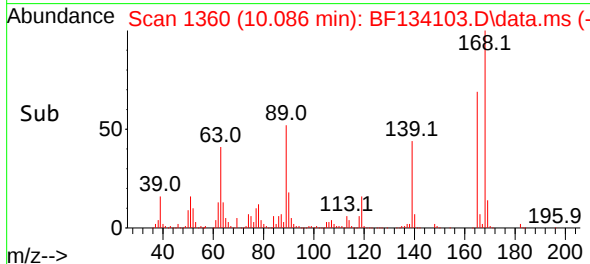
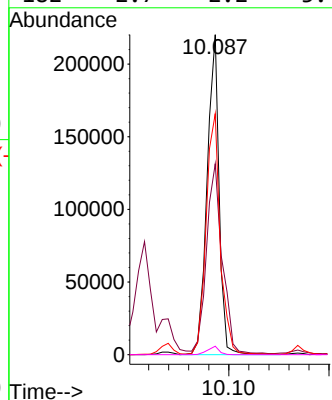
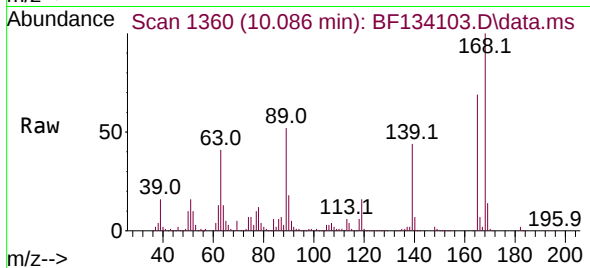
PB153945BS

Tgt Ion:165 Resp: 184710
Ion Ratio Lower Upper
165 100
63 59.7 42.2 63.2
89 75.3 57.4 86.2
182 2.7 2.2 3.4

Manual Integrations

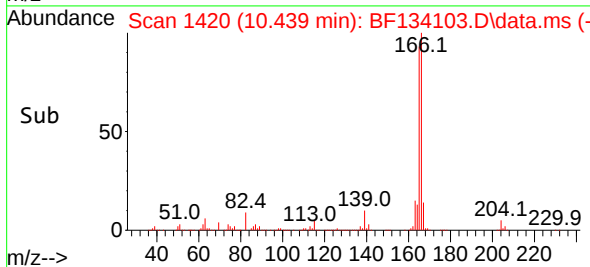
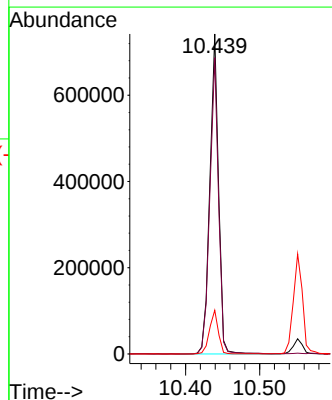
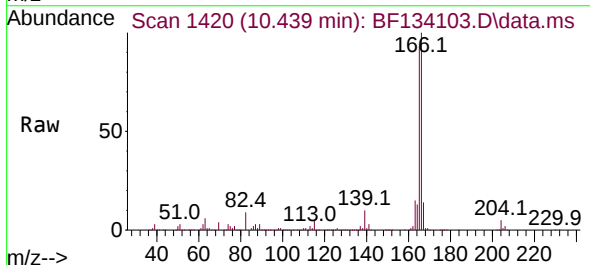
APPROVED

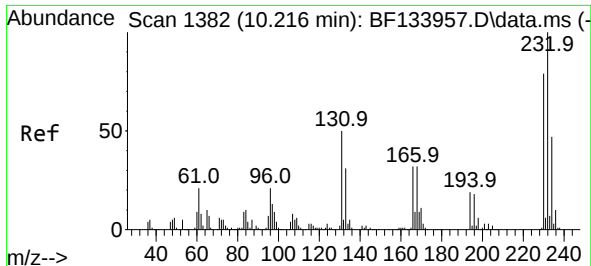
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#58
Fluorene
Concen: 40.488 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

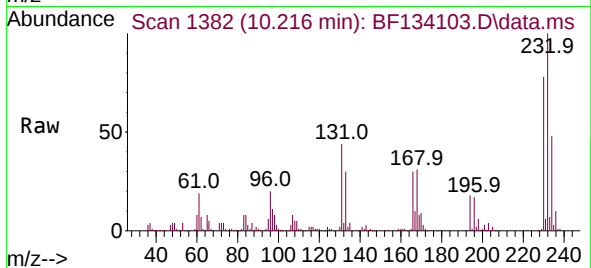
Tgt Ion:166 Resp: 608302
Ion Ratio Lower Upper
166 100
165 92.6 75.0 112.4
167 13.6 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.607 ng m
RT: 10.216 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

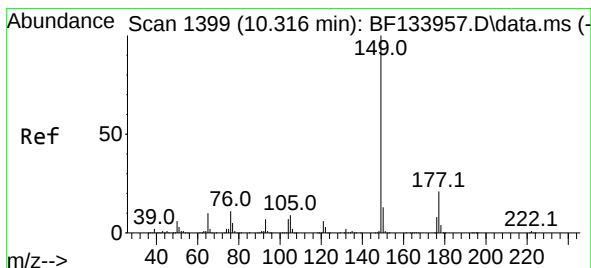
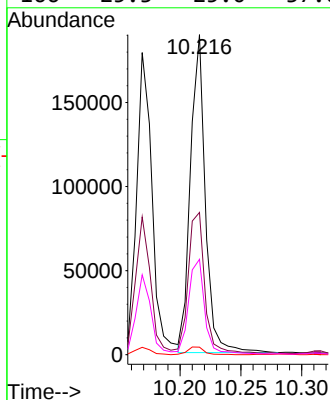
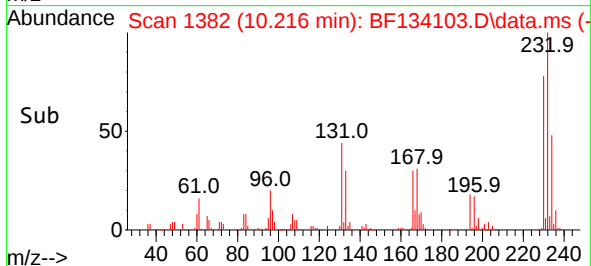
Instrument :
BNA_F
ClientSampleId :
PB153945BS



Tgt Ion:232 Resp: 16140
Ion Ratio Lower Upper
232 100
131 43.9 39.3 58.9
130 2.5 1.8 2.6
166 25.3 25.0 37.6

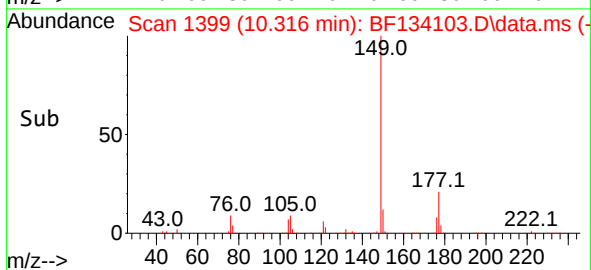
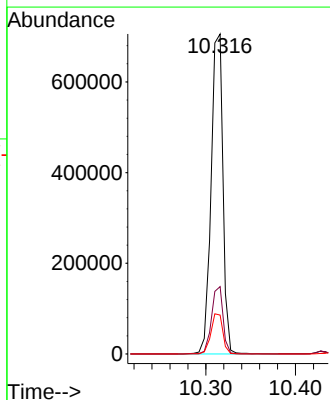
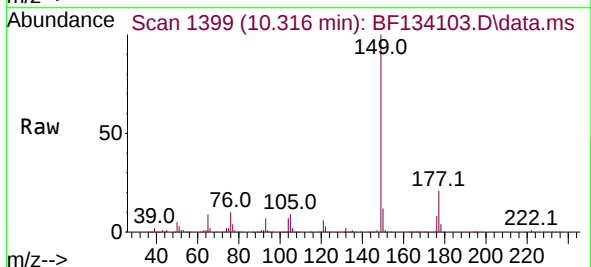
Manual Integrations
APPROVED

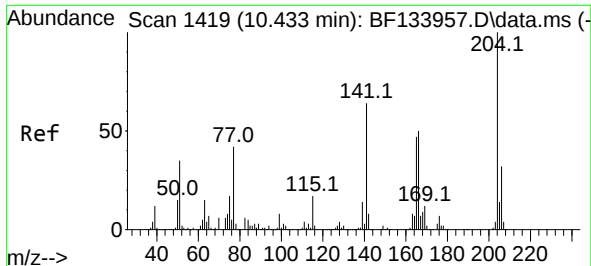
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#60
Diethylphthalate
Concen: 40.239 ng
RT: 10.316 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

Tgt Ion:149 Resp: 646378
Ion Ratio Lower Upper
149 100
177 21.0 17.0 25.6
150 12.2 10.2 15.2





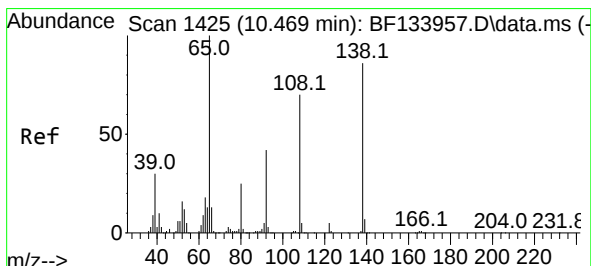
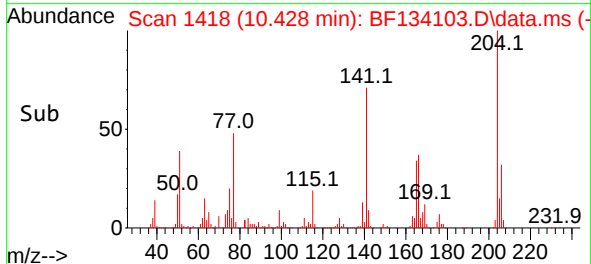
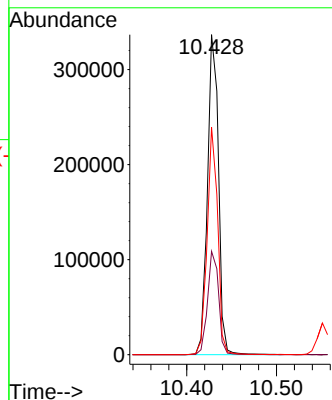
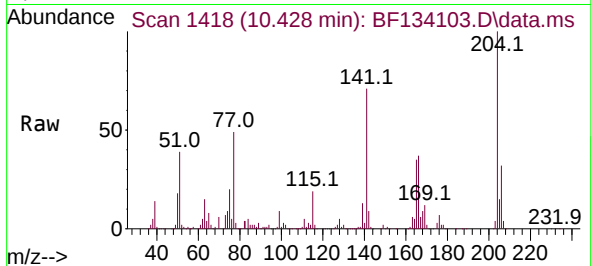
#61
4-Chlorophenyl-phenylether
Concen: 39.646 ng
RT: 10.428 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

Instrument :
BNA_F
ClientSampleId :
PB153945BS

Tgt Ion:204 Resp: 28705
Ion Ratio Lower Upper
204 100
206 32.3 25.8 38.6
141 71.1 51.5 77.3

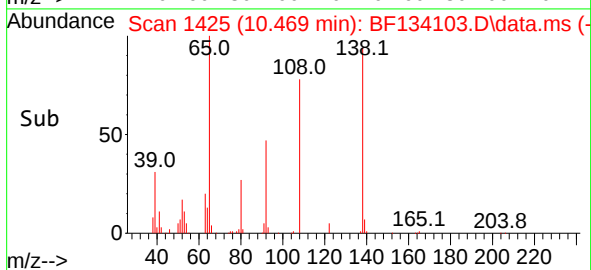
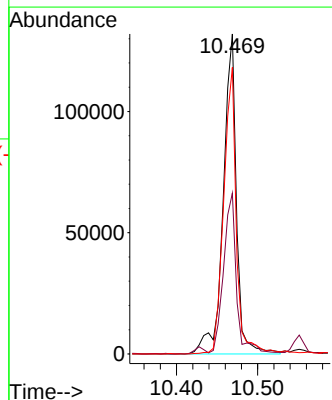
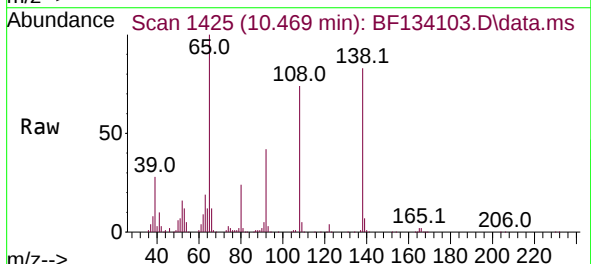
Manual Integrations
APPROVED

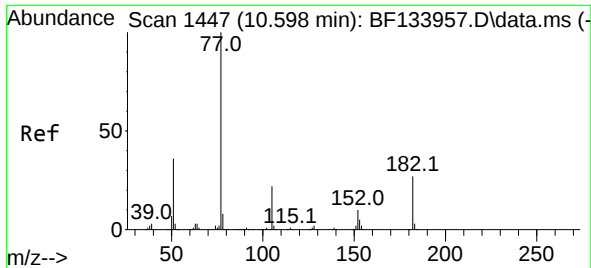
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#62
4-Nitroaniline
Concen: 37.494 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

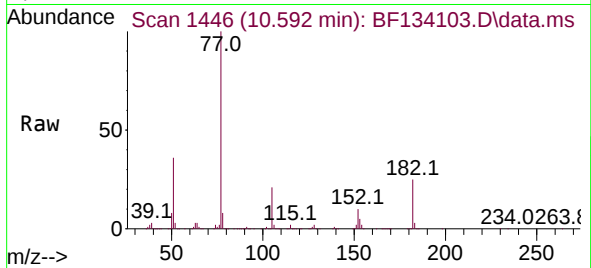
Tgt Ion:138 Resp: 150538
Ion Ratio Lower Upper
138 100
92 50.3 29.7 69.7
108 89.6 62.1 102.1





#63
Azobenzene
Concen: 39.696 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

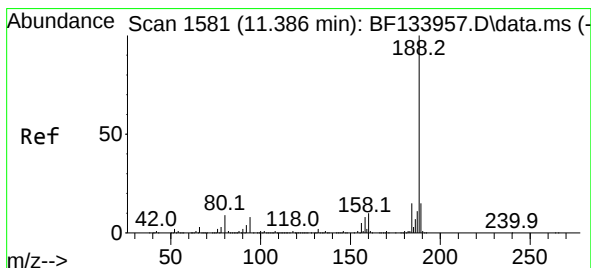
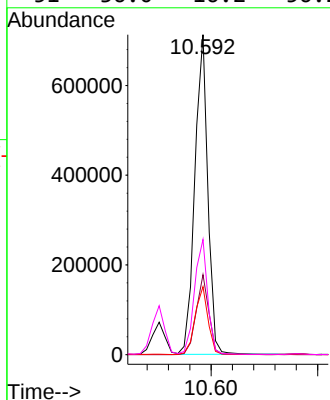
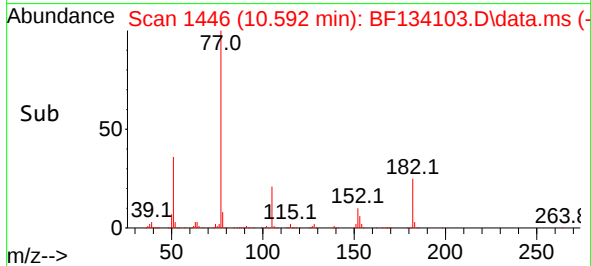
Instrument :
BNA_F
ClientSampleId :
PB153945BS



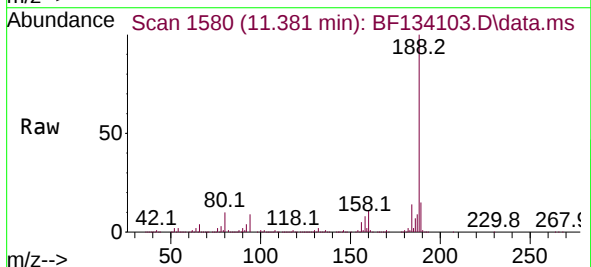
Tgt Ion: 77 Resp: 60317
Ion Ratio Lower Upper
77 100
182 25.0 6.8 46.8
105 21.2 2.3 42.3
51 36.0 16.2 56.2

Manual Integrations
APPROVED

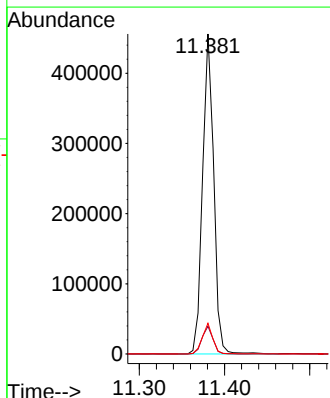
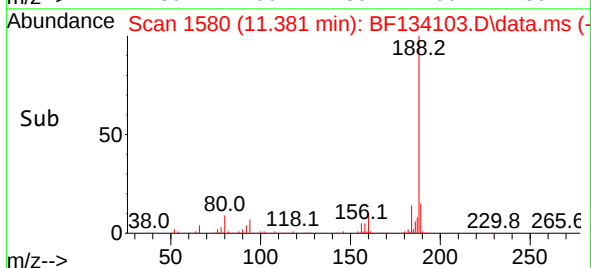
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

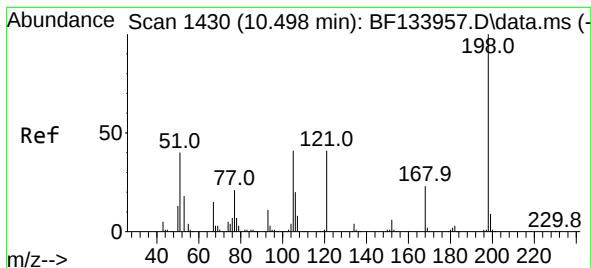


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.381 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15



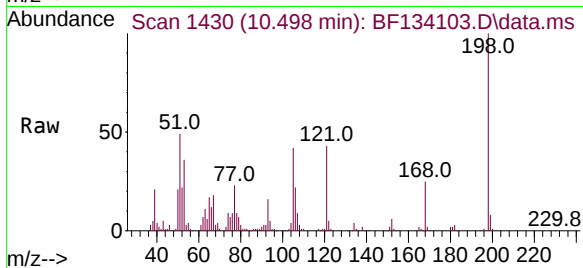
Tgt Ion:188 Resp: 413777
Ion Ratio Lower Upper
188 100
94 8.6 6.4 9.6
80 9.6 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 48.777 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

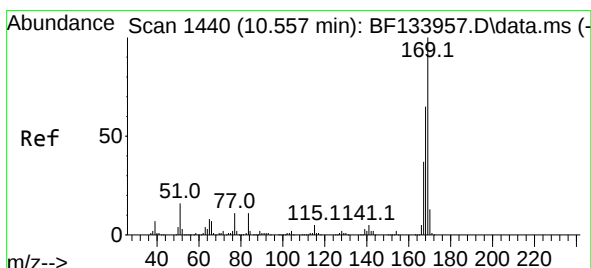
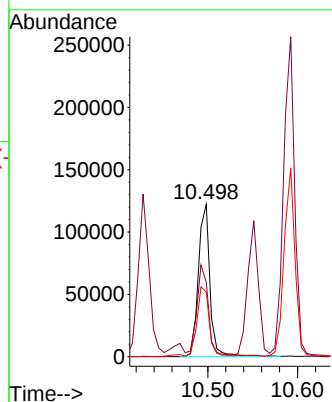
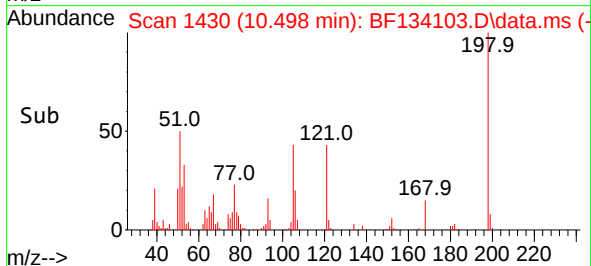
Instrument :
BNA_F
ClientSampleId :
PB153945BS



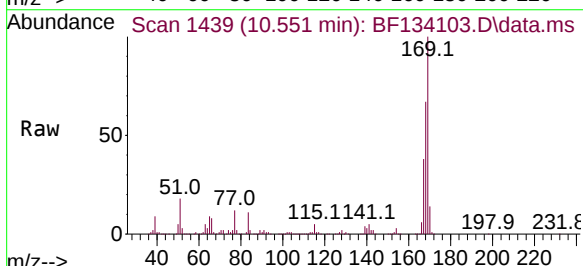
Tgt Ion:198 Resp: 110035
Ion Ratio Lower Upper
198 100
51 48.8 29.3 69.3
105 42.5 22.4 62.4

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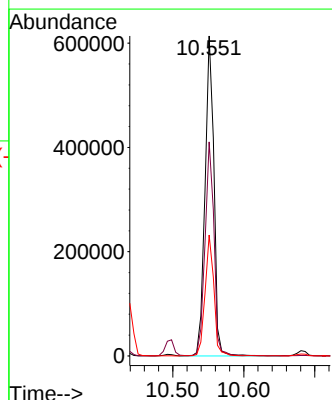
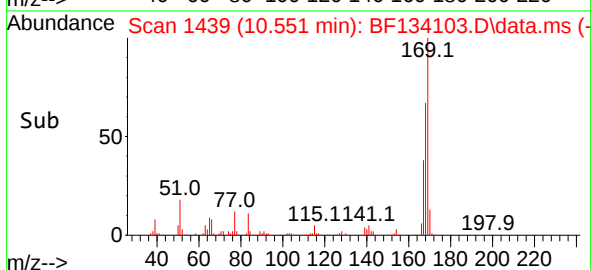
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

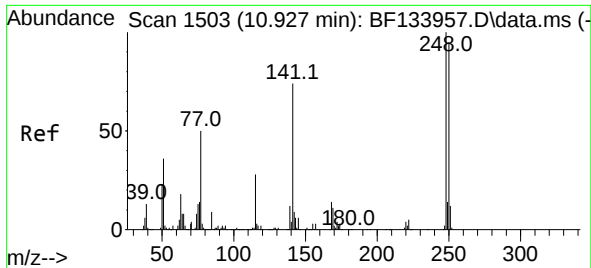


#66
n-Nitrosodiphenylamine
Concen: 40.408 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15



Tgt Ion:169 Resp: 534212
Ion Ratio Lower Upper
169 100
168 66.9 52.3 78.5
167 37.8 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 40.758 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

Instrument :

BNA_F

ClientSampleId :

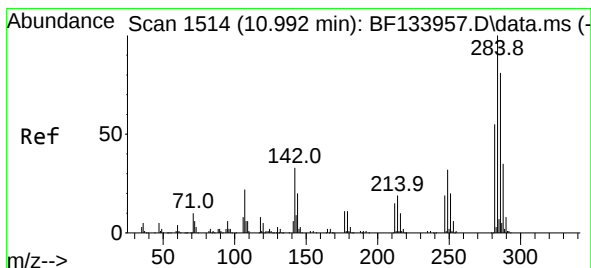
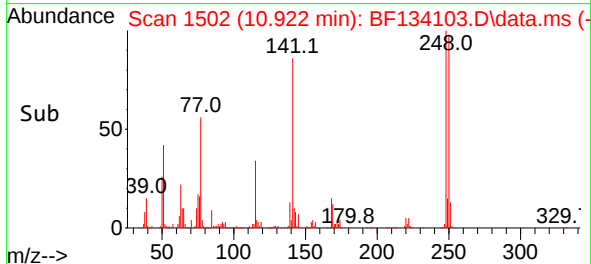
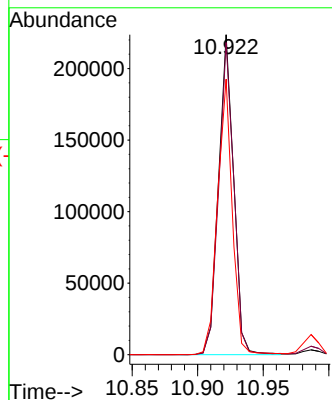
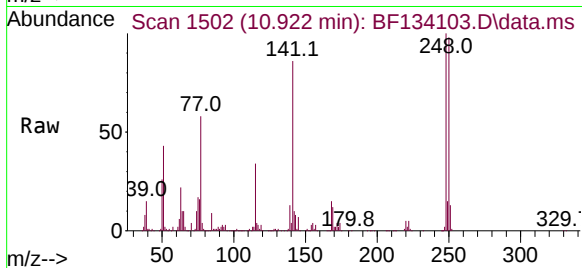
PB153945BS

Tgt Ion:248 Resp: 179254
Ion Ratio Lower Upper
248 100
250 97.5 76.2 114.4
141 86.1 59.0 88.4

Manual Integrations

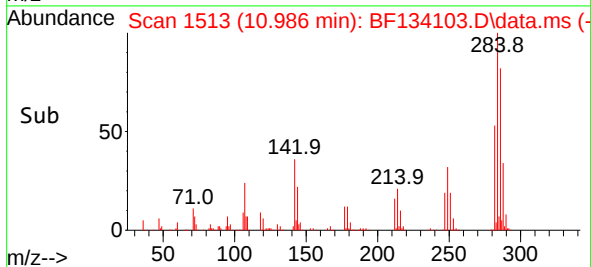
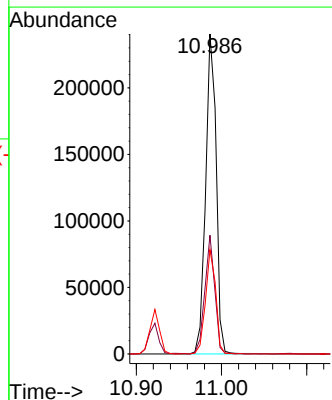
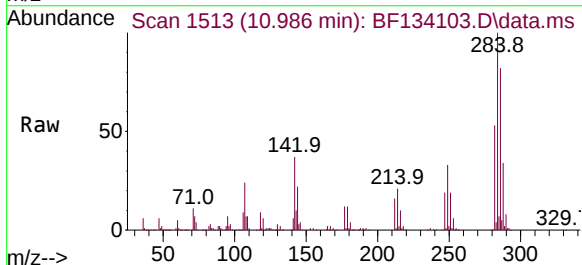
APPROVED

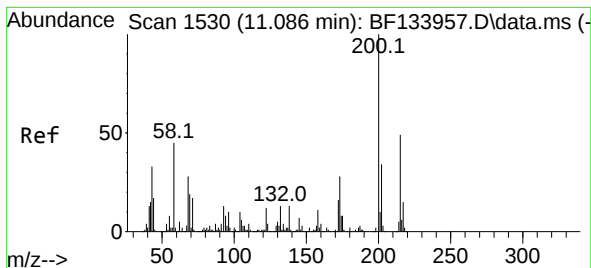
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#68
Hexachlorobenzene
Concen: 44.232 ng
RT: 10.986 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

Tgt Ion:284 Resp: 206543
Ion Ratio Lower Upper
284 100
142 37.1 26.6 40.0
249 32.6 25.5 38.3





#69

Atrazine

Concen: 40.716 ng

RT: 11.081 min Scan# 1529

Delta R.T. -0.006 min

Lab File: BF134103.D

Acq: 06 Jul 2023 18:15

Instrument :

BNA_F

ClientSampleId :

PB153945BS

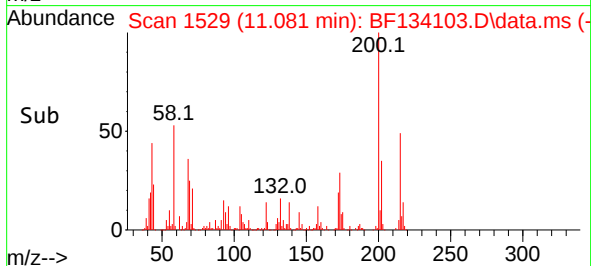
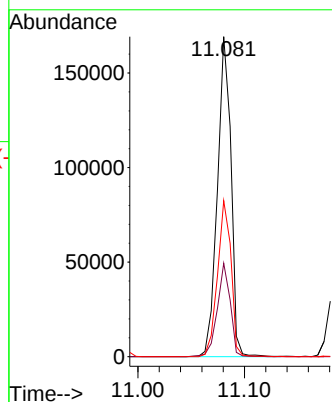
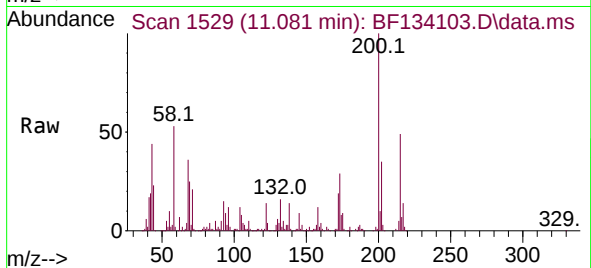
Tgt Ion:200 Resp: 14889
 Ion Ratio Lower Upper
 200 100
 173 29.2 8.0 48.0
 215 48.8 29.3 69.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#70

Pentachlorophenol

Concen: 75.225 ng

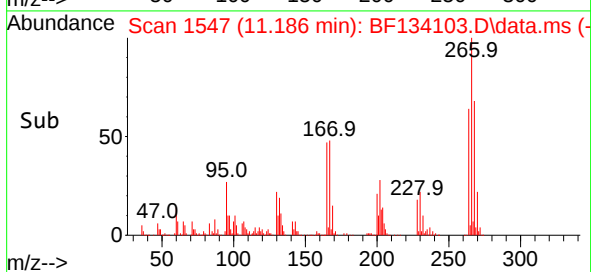
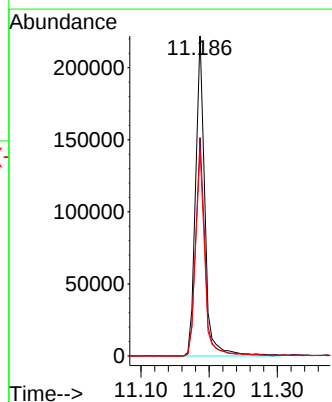
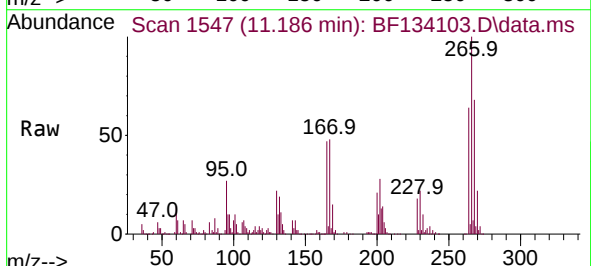
RT: 11.186 min Scan# 1547

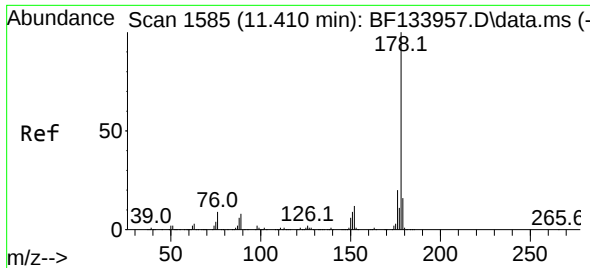
Delta R.T. -0.006 min

Lab File: BF134103.D

Acq: 06 Jul 2023 18:15

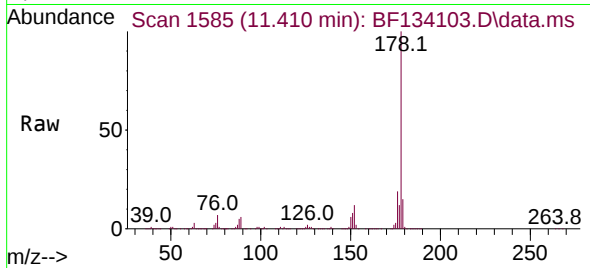
Tgt Ion:266 Resp: 210031
 Ion Ratio Lower Upper
 266 100
 268 68.3 52.6 79.0
 264 64.1 50.6 76.0





#71
Phenanthrene
Concen: 41.615 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

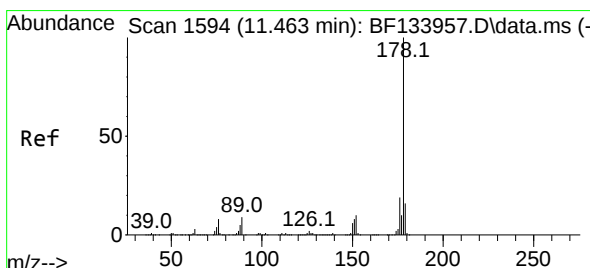
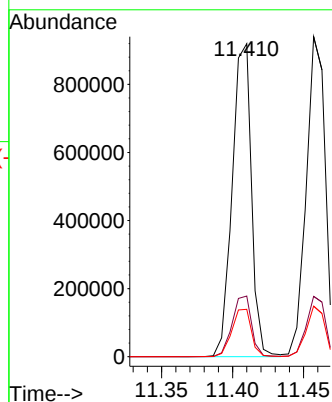
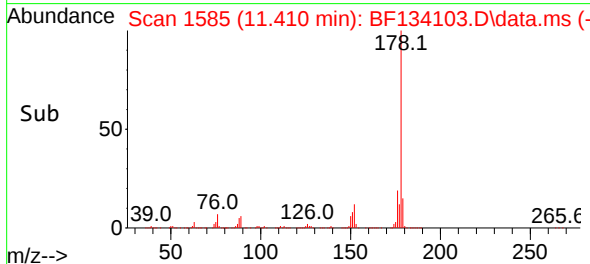
Instrument :
BNA_F
ClientSampleId :
PB153945BS



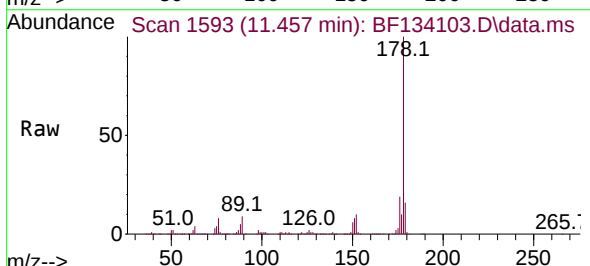
Tgt Ion:178 Resp: 866854
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 15.1 12.4 18.6

Manual Integrations
APPROVED

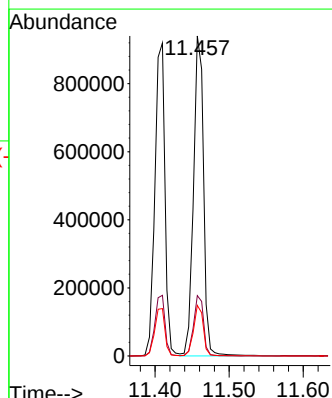
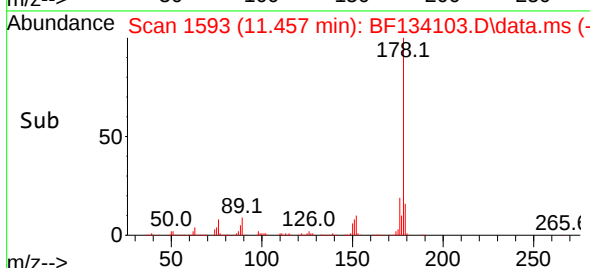
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

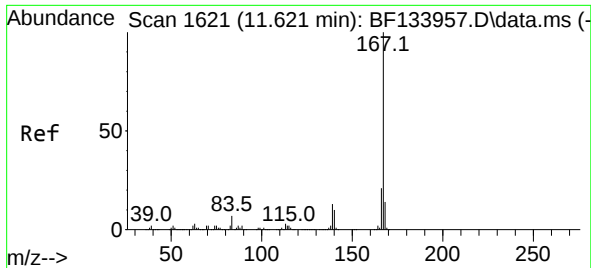


#72
Anthracene
Concen: 40.945 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15



Tgt Ion:178 Resp: 887117
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.8 12.4 18.6





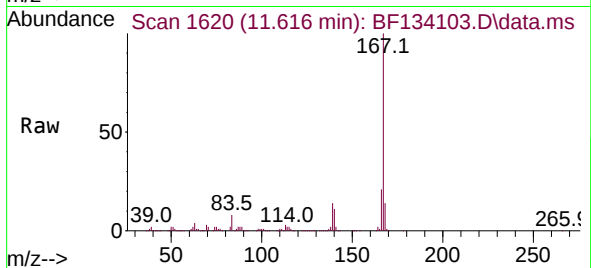
#73
 Carbazole
 Concen: 43.052 ng
 RT: 11.616 min Scan# 1620
 Delta R.T. -0.006 min
 Lab File: BF134103.D
 Acq: 06 Jul 2023 18:15

Instrument :

BNA_F

ClientSampleId :

PB153945BS

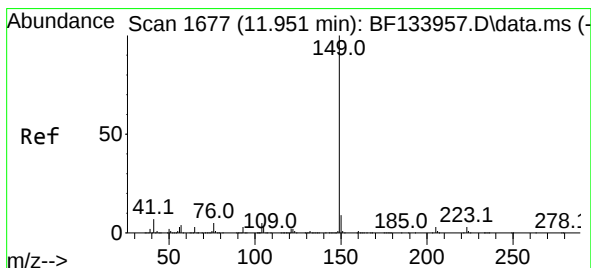
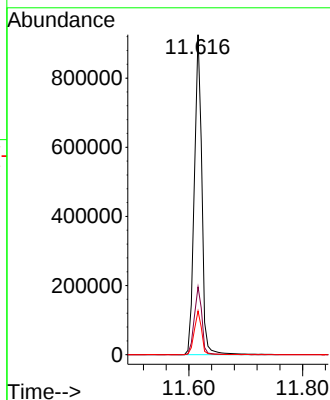
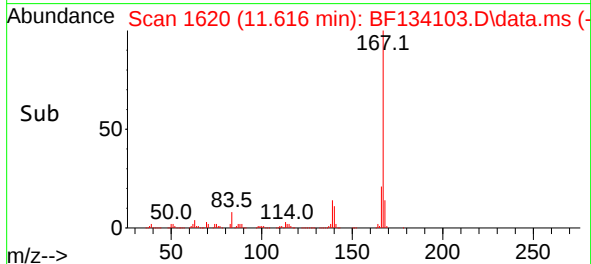


Tgt Ion:167 Resp: 85376
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.6
 139 13.7 10.4 15.6

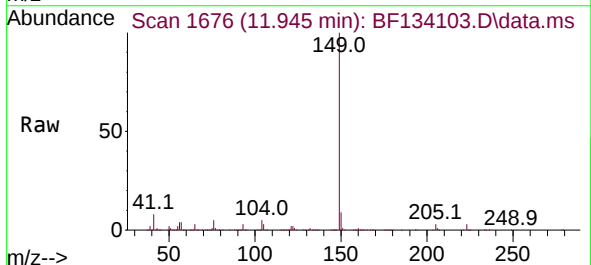
Manual Integrations

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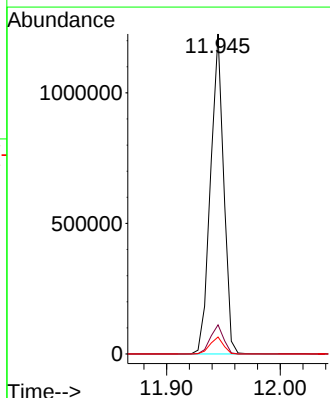
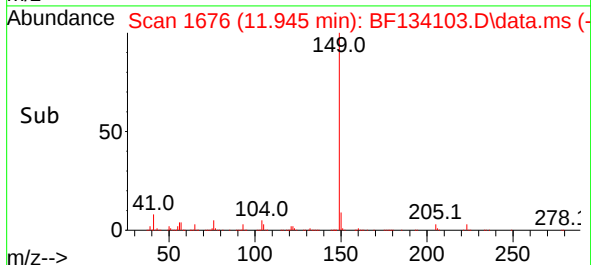
Reviewed By :Yogesh Patel 07/07/2023
 Supervised By :mohammad ahmed 07/07/2023

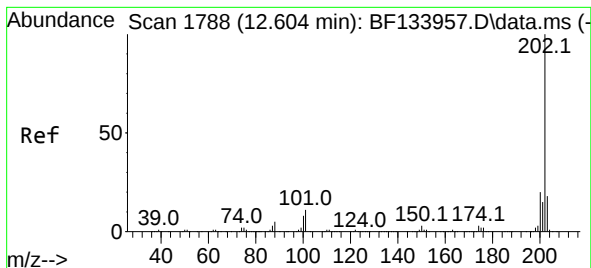


#74
 Di-n-butylphthalate
 Concen: 41.852 ng
 RT: 11.945 min Scan# 1676
 Delta R.T. -0.006 min
 Lab File: BF134103.D
 Acq: 06 Jul 2023 18:15



Tgt Ion:149 Resp: 986990
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.1 10.7
 104 5.3 4.0 6.0





#75

Fluoranthene

Concen: 42.284 ng

RT: 12.604 min Scan# 1788

Delta R.T. -0.006 min

Lab File: BF134103.D

Acq: 06 Jul 2023 18:15

Instrument :

BNA_F

ClientSampleId :

PB153945BS

Tgt Ion:202 Resp: 95219

Ion Ratio Lower Upper

202 100

101 9.0 0.0 31.0

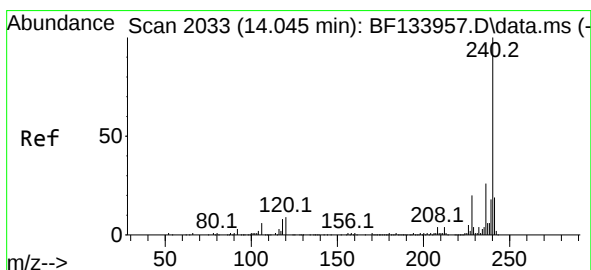
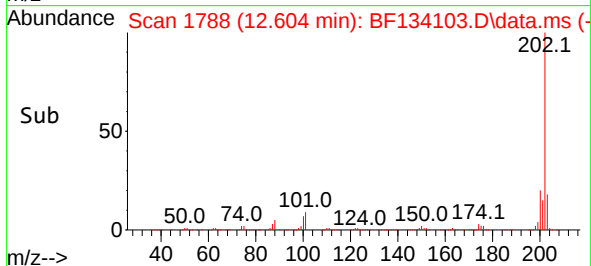
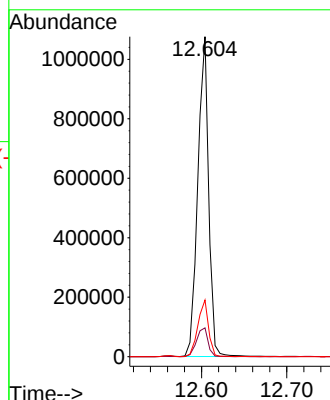
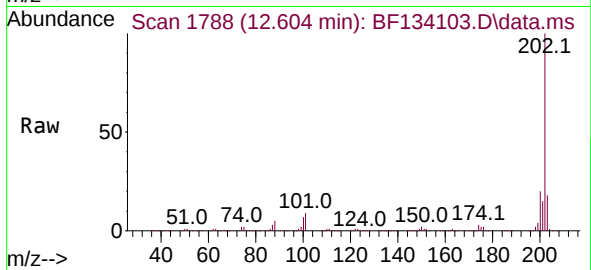
203 17.7 0.0 37.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF134103.D

Acq: 06 Jul 2023 18:15

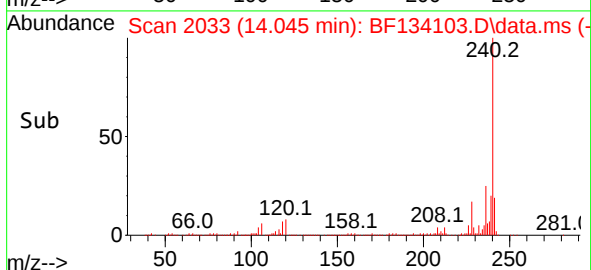
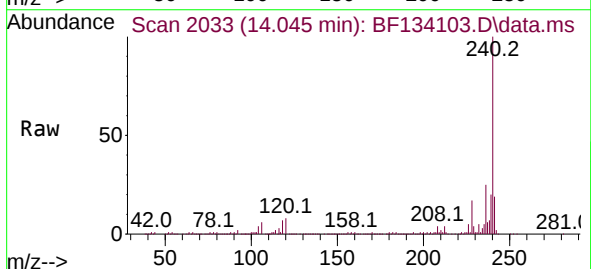
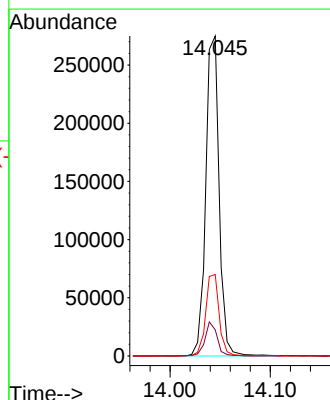
Tgt Ion:240 Resp: 255979

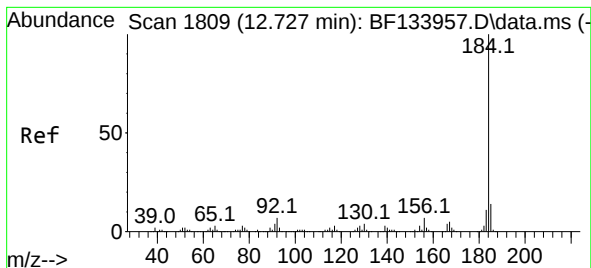
Ion Ratio Lower Upper

240 100

120 8.2 7.4 11.0

236 25.4 21.0 31.6





#77

Benzidine

Concen: 21.968 ng

RT: 12.728 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF134103.D

Acq: 06 Jul 2023 18:15

Instrument :

BNA_F

ClientSampleId :

PB153945BS

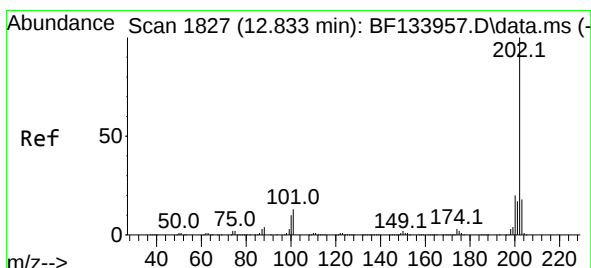
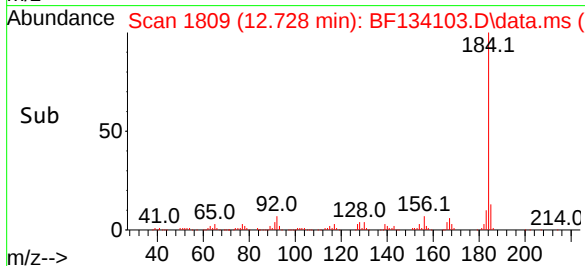
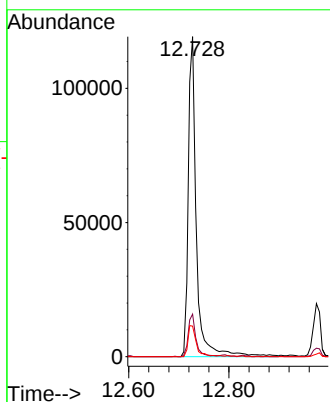
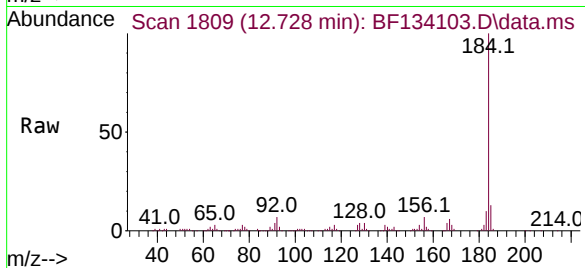
Tgt Ion:184 Resp: 13380
 Ion Ratio Lower Upper
 184 100
 185 13.3 11.6 17.4
 183 9.5 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#78

Pyrene

Concen: 40.474 ng

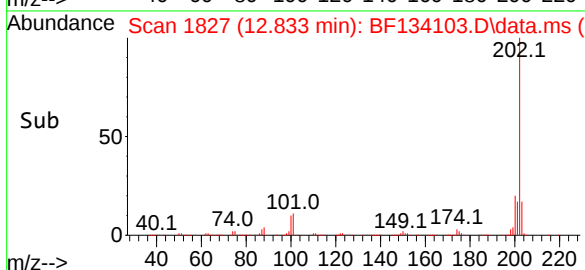
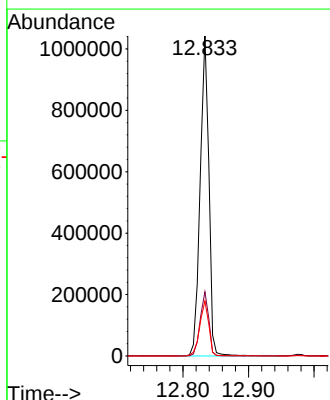
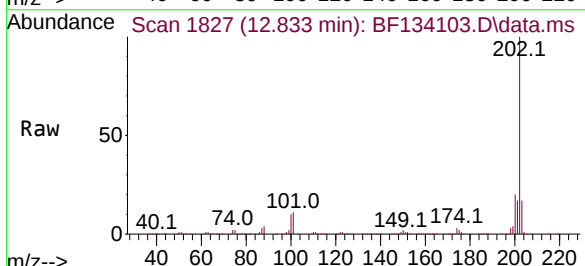
RT: 12.833 min Scan# 1827

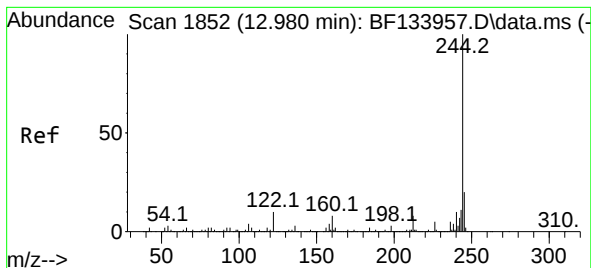
Delta R.T. -0.006 min

Lab File: BF134103.D

Acq: 06 Jul 2023 18:15

Tgt Ion:202 Resp: 964181
 Ion Ratio Lower Upper
 202 100
 200 20.1 16.1 24.1
 203 17.2 14.3 21.5





#79

Terphenyl-d14

Concen: 84.362 ng

RT: 12.975 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF134103.D

Acq: 06 Jul 2023 18:15

Instrument :

BNA_F

ClientSampleId :

PB153945BS

Tgt Ion:244 Resp: 134178

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

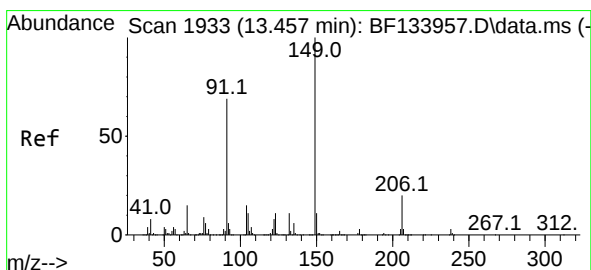
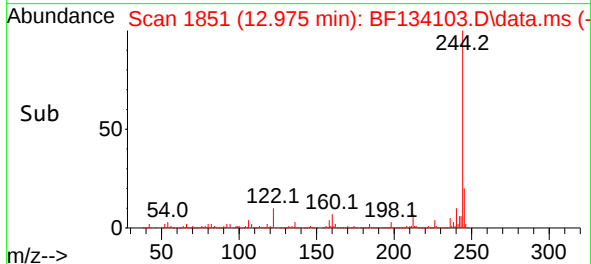
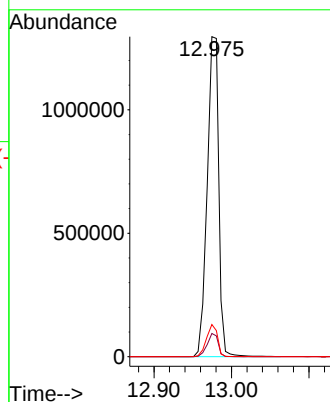
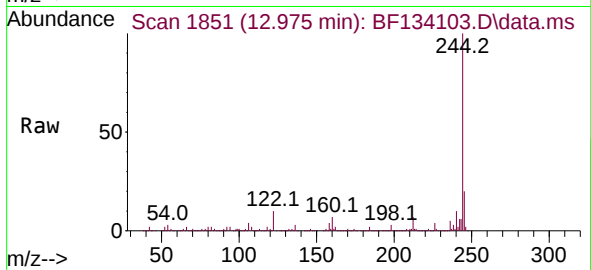
122 10.1 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#80

Butylbenzylphthalate

Concen: 42.937 ng

RT: 13.457 min Scan# 1933

Delta R.T. 0.000 min

Lab File: BF134103.D

Acq: 06 Jul 2023 18:15

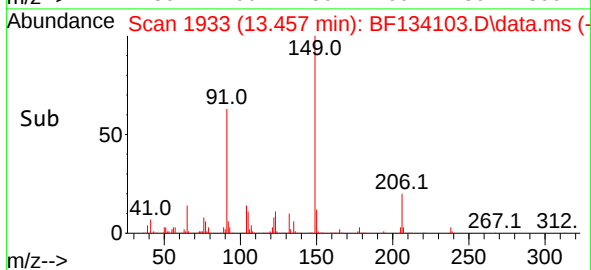
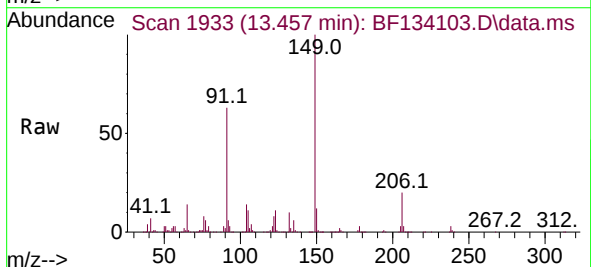
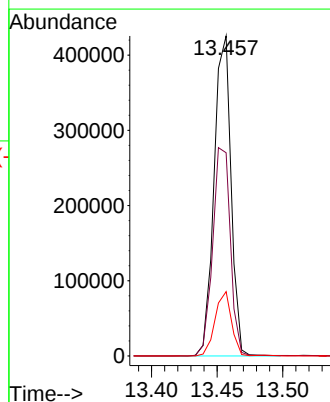
Tgt Ion:149 Resp: 383617

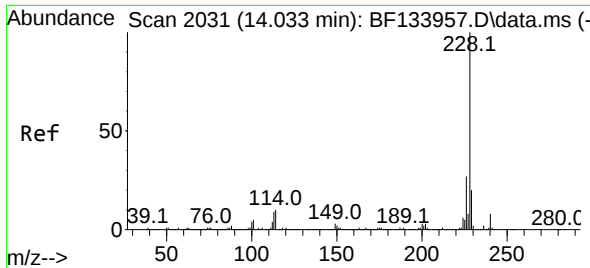
Ion Ratio Lower Upper

149 100

91 63.5 55.1 82.7

206 20.1 15.7 23.5





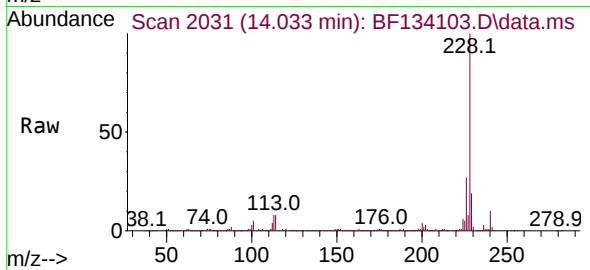
#81
Benzo(a)anthracene
Concen: 41.768 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

Instrument :

BNA_F

ClientSampleId :

PB153945BS

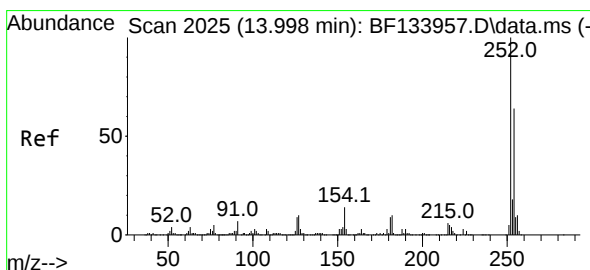
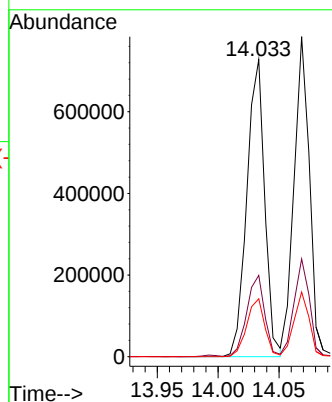
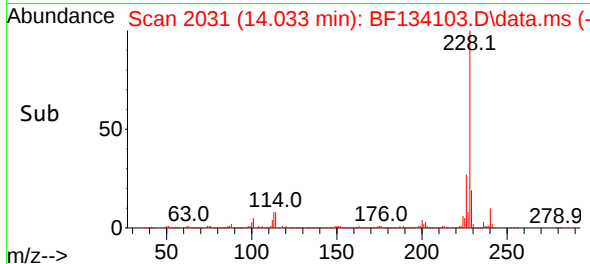


Tgt Ion:228 Resp: 741486
Ion Ratio Lower Upper
228 100
226 27.4 22.0 33.0
229 19.5 16.3 24.5

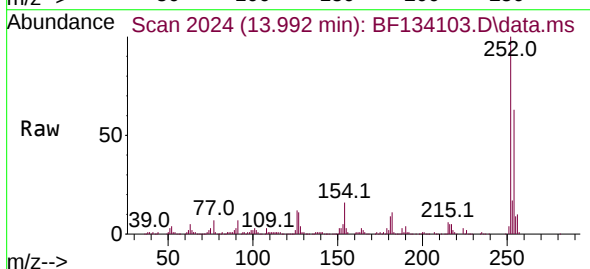
Manual Integrations

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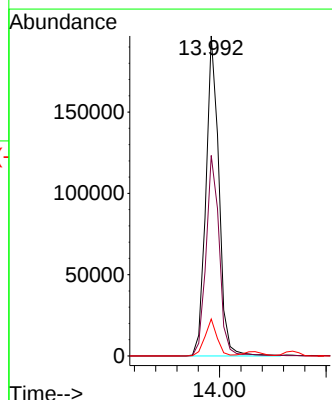
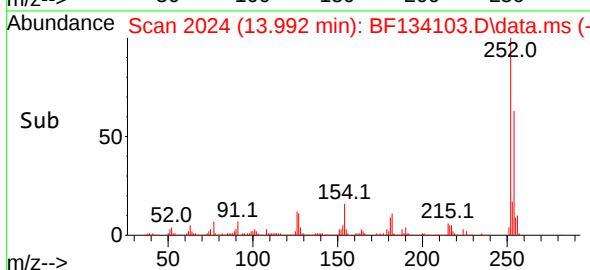
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#82
3,3'-Dichlorobenzidine
Concen: 29.734 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15



Tgt Ion:252 Resp: 167235
Ion Ratio Lower Upper
252 100
254 62.7 51.4 77.0
126 11.6 7.4 11.2#





#83

Chrysene

Concen: 40.524 ng

RT: 14.069 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF134103.D

Acq: 06 Jul 2023 18:15

Instrument :

BNA_F

ClientSampleId :

PB153945BS

Tgt Ion:228 Resp: 69678

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

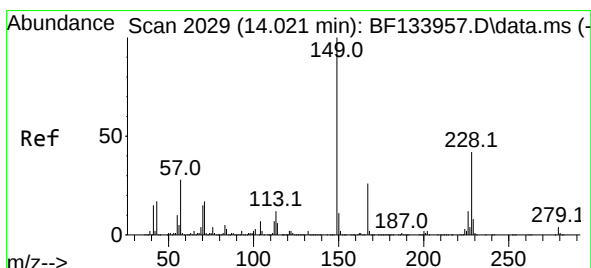
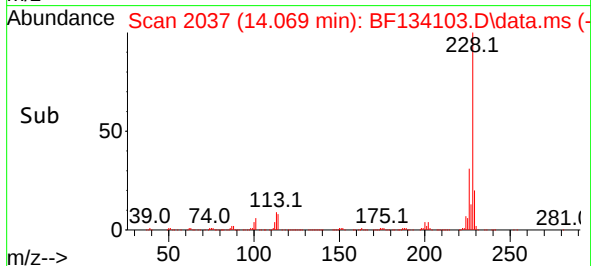
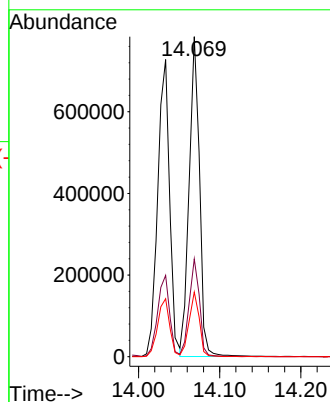
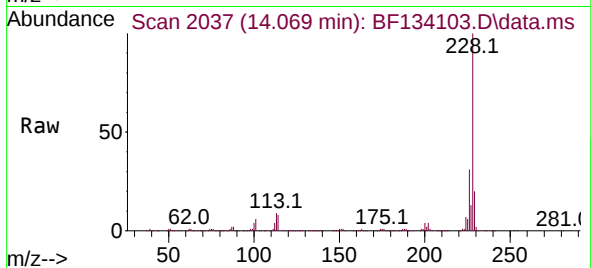
229 20.2 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.208 ng

RT: 14.016 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF134103.D

Acq: 06 Jul 2023 18:15

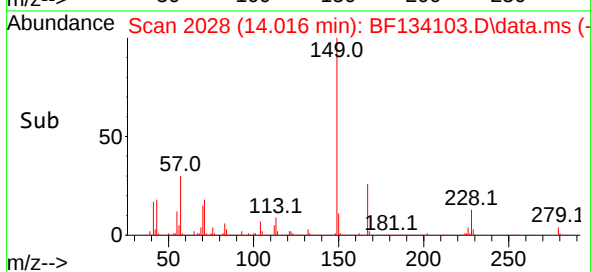
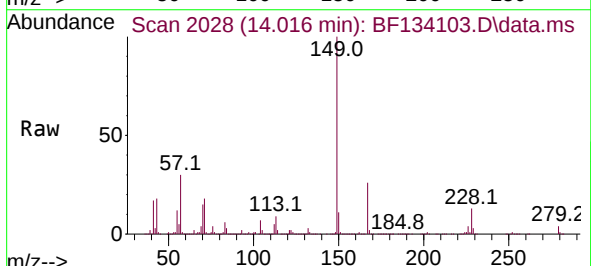
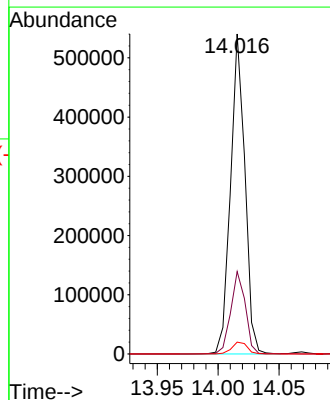
Tgt Ion:149 Resp: 443586

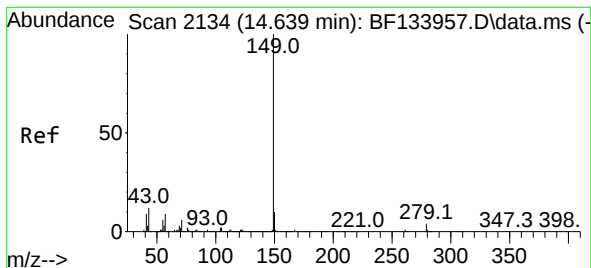
Ion Ratio Lower Upper

149 100

167 25.8 21.0 31.4

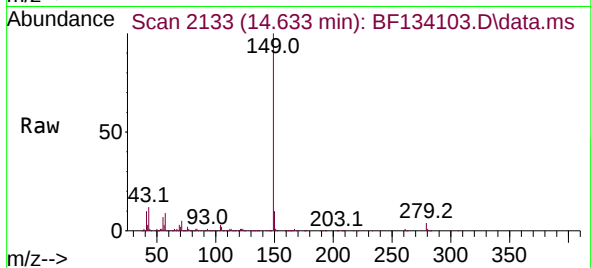
279 3.7 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 42.312 ng
RT: 14.633 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

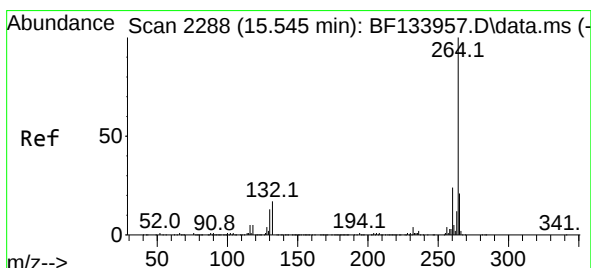
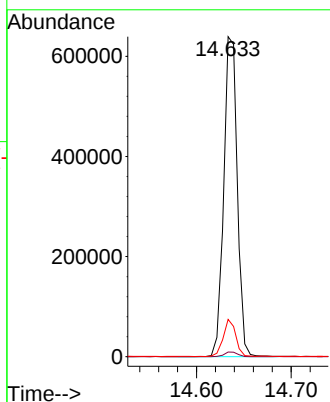
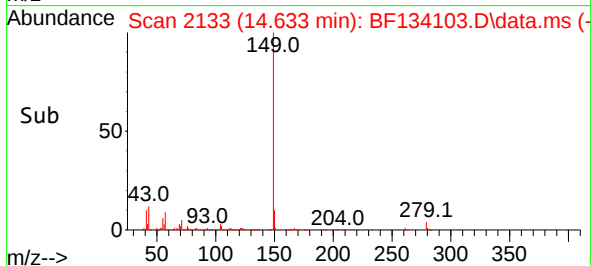
Instrument :
BNA_F
ClientSampleId :
PB153945BS



Tgt Ion:149 Resp: 638279
Ion Ratio Lower Upper
149 100
167 1.4 1.3 1.9
43 10.8 9.0 13.4

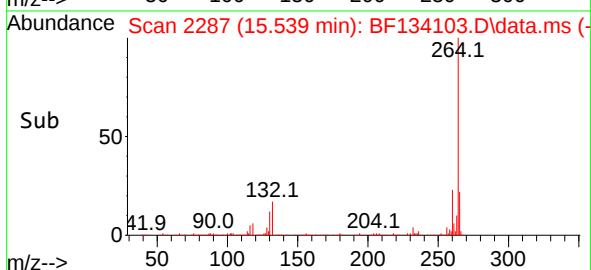
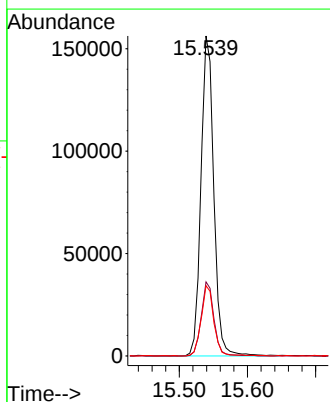
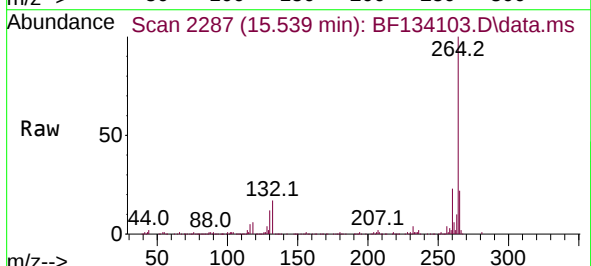
Manual Integrations
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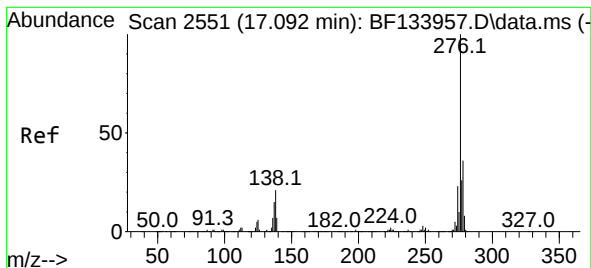
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2287
Delta R.T. -0.012 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

Tgt Ion:264 Resp: 204526
Ion Ratio Lower Upper
264 100
260 23.2 19.5 29.3
265 22.0 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.473 ng

RT: 17.092 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF134103.D

Acq: 06 Jul 2023 18:15

Instrument :

BNA_F

ClientSampleId :

PB153945BS

Tgt Ion:276 Resp: 65954

Ion Ratio Lower Upper

276 100

138 21.3 18.7 28.1

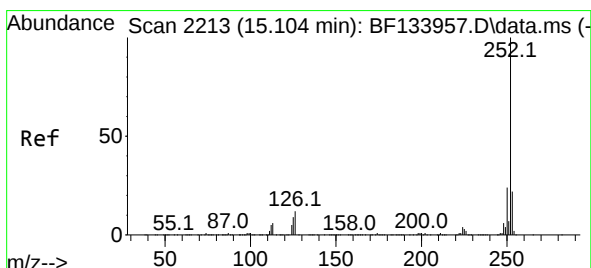
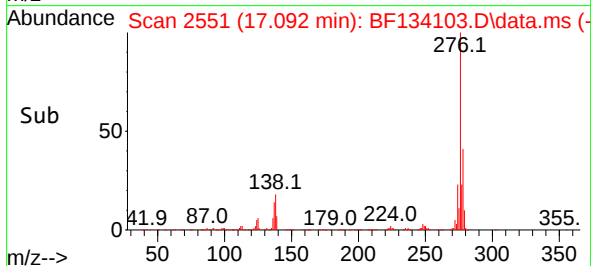
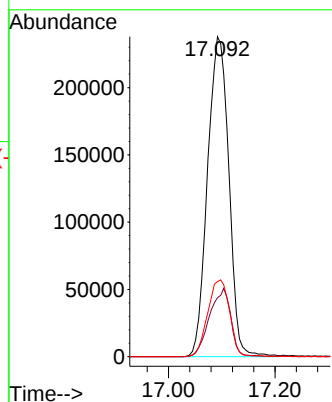
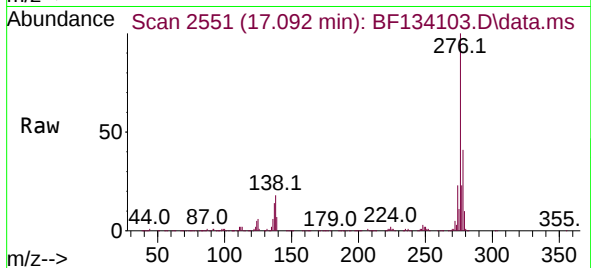
277 24.7 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#88

Benzo(b)fluoranthene

Concen: 49.951 ng

RT: 15.098 min Scan# 2212

Delta R.T. -0.012 min

Lab File: BF134103.D

Acq: 06 Jul 2023 18:15

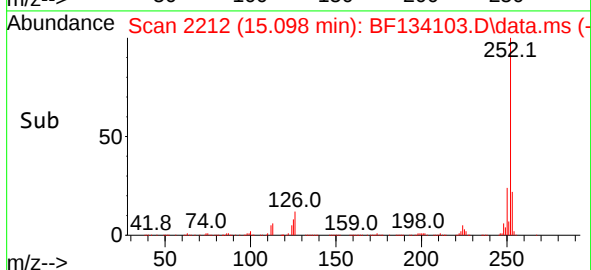
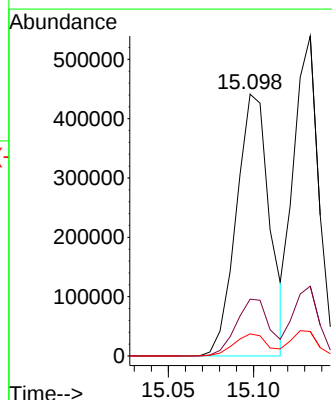
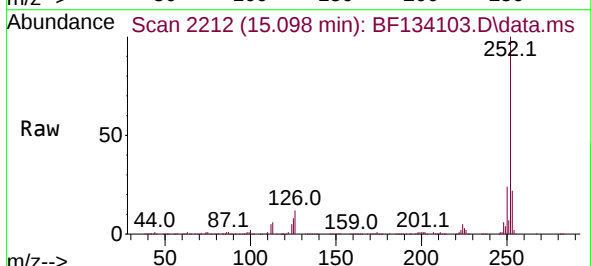
Tgt Ion:252 Resp: 600728

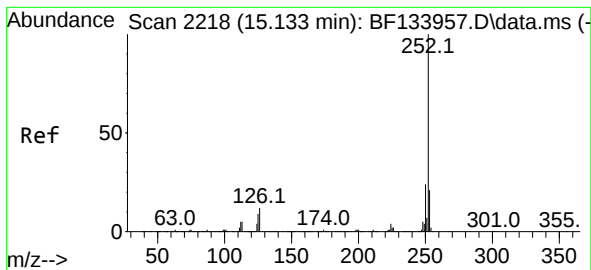
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 8.5 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 46.072 ng

RT: 15.133 min Scan# 2218

Delta R.T. -0.006 min

Lab File: BF134103.D

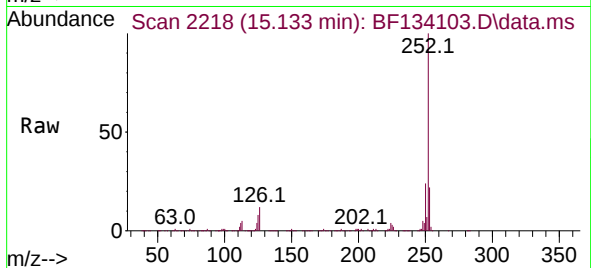
Acq: 06 Jul 2023 18:15

Instrument :

BNA_F

ClientSampleId :

PB153945BS



Tgt Ion:252 Resp: 564138

Ion Ratio Lower Upper

252 100

253 21.8 16.9 25.3

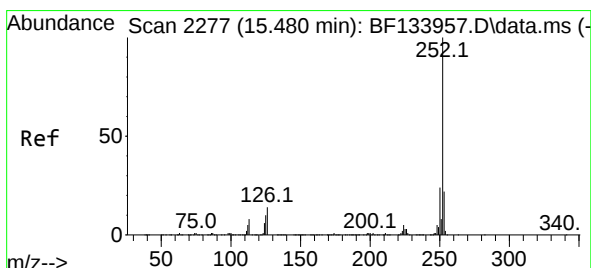
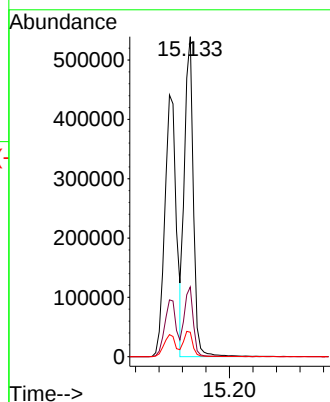
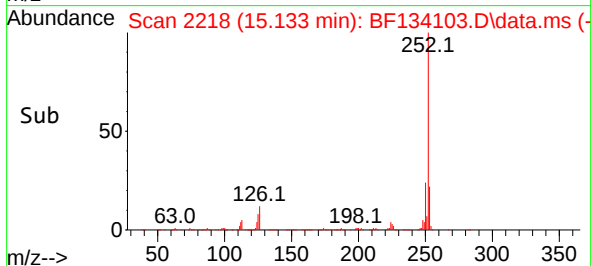
125 7.7 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#90

Benzo(a)pyrene

Concen: 43.099 ng

RT: 15.480 min Scan# 2277

Delta R.T. -0.012 min

Lab File: BF134103.D

Acq: 06 Jul 2023 18:15

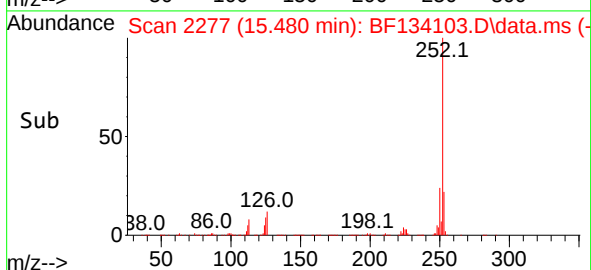
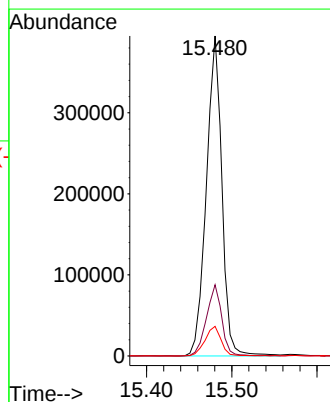
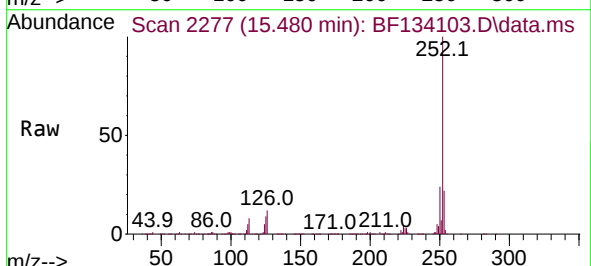
Tgt Ion:252 Resp: 501207

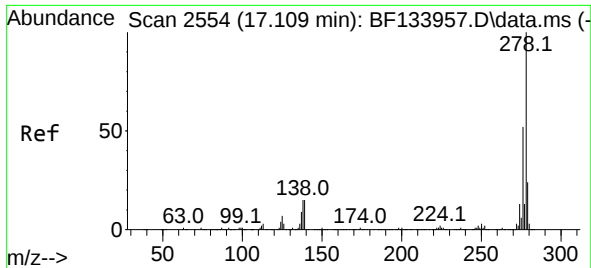
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 9.2 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 46.748 ng
RT: 17.110 min Scan# 2554
Delta R.T. -0.018 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

Instrument :

BNA_F

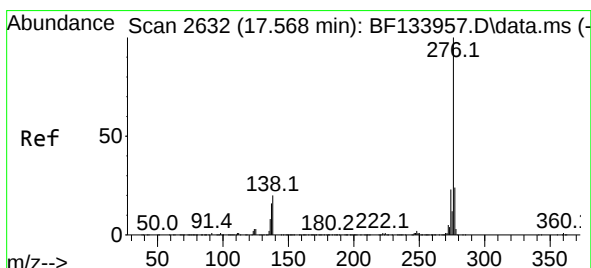
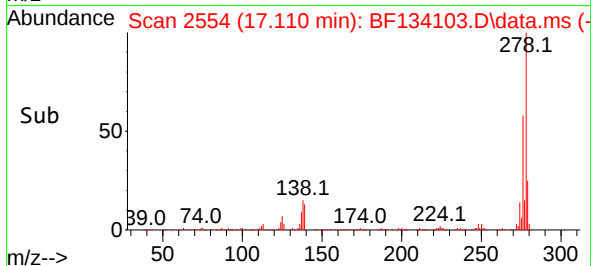
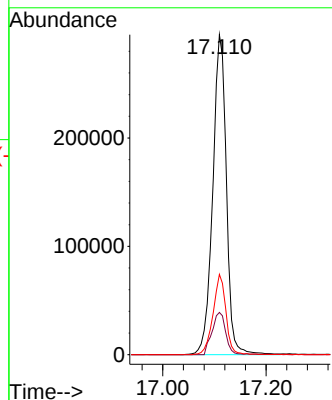
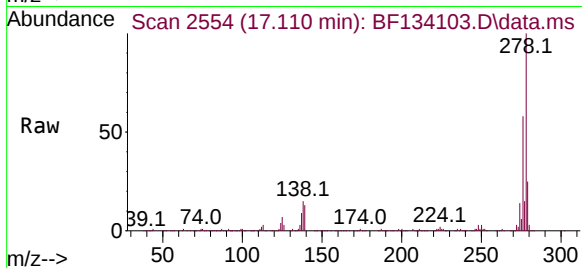
ClientSampleId :

PB153945BS

Tgt Ion:278 Resp: 54190
Ion Ratio Lower Upper
278 100
139 13.2 12.2 18.4
279 25.1 19.4 29.2

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 46.810 ng
RT: 17.568 min Scan# 2632
Delta R.T. -0.012 min
Lab File: BF134103.D
Acq: 06 Jul 2023 18:15

Tgt Ion:276 Resp: 559566
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.6
138 17.4 16.2 24.2

