

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
 Data File : BF134124.D
 Acq On : 07 Jul 2023 07:26
 Operator : CG\JU
 Sample : 03492-02MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TB-TP1MS

Quant Time: Jul 07 08:19:29 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	113324	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	438112	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	223448	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	436859	20.000	ng	0.00
76) Chrysene-d12	14.039	240	264975	20.000	ng	-0.01
86) Perylene-d12	15.539	264	250826	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	887828	131.052	ng	0.01
7) Phenol-d6	6.492	99	1046103	125.560	ng	0.00
23) Nitrobenzene-d5	7.410	82	779439	95.902	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	399412	142.566	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1396185	90.845	ng	0.00
79) Terphenyl-d14	12.980	244	1639304	99.569	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.857	88	119310	42.712	ng	# 80
3) Pyridine	3.575	79	221869	30.493	ng	99
4) n-Nitrosodimethylamine	3.516	42	206376	49.662	ng	95
6) Aniline	6.516	93	193910	19.126	ng	93
8) 2-Chlorophenol	6.634	128	344229	50.054	ng	99
9) Benzaldehyde	6.404	77	59671	10.281	ng	97
10) Phenol	6.504	94	386698	44.144	ng	98
11) bis(2-Chloroethyl)ether	6.587	93	322534	50.011	ng	99
12) 1,3-Dichlorobenzene	6.787	146	354026	48.287	ng	99
13) 1,4-Dichlorobenzene	6.863	146	358748	48.444	ng	99
14) 1,2-Dichlorobenzene	7.016	146	343171	49.480	ng	98
15) Benzyl Alcohol	6.992	79	316508	49.279	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	521809	45.735	ng	94
17) 2-Methylphenol	7.104	107	293818	47.711	ng	98
18) Hexachloroethane	7.351	117	133474	48.609	ng	93
19) n-Nitroso-di-n-propyla...	7.263	70	245441	46.454	ng	98
20) 3+4-Methylphenols	7.257	107	346868	46.429	ng	95
22) Acetophenone	7.257	105	474521	47.625	ng	99
24) Nitrobenzene	7.434	77	385309	46.915	ng	99
25) Isophorone	7.669	82	686048	46.446	ng	99
26) 2-Nitrophenol	7.745	139	193602	49.139	ng	98
27) 2,4-Dimethylphenol	7.781	122	313493	50.267	ng	98
28) bis(2-Chloroethoxy)met...	7.875	93	391629	45.789	ng	100
29) 2,4-Dichlorophenol	7.987	162	298492	48.266	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	303237	47.521	ng	99
31) Naphthalene	8.151	128	981054	46.359	ng	100
32) Benzoic acid	7.922	122	237121	50.740	ng	97
33) 4-Chloroaniline	8.210	127	30847	3.408	ng	96
34) Hexachlorobutadiene	8.263	225	187042	46.467	ng	99
35) Caprolactam	8.575	113	96414m	47.349	ng	
36) 4-Chloro-3-methylphenol	8.686	107	340682	49.037	ng	98
37) 2-Methylnaphthalene	8.839	142	663475	44.335	ng	100
38) 1-Methylnaphthalene	8.939	142	615537	44.245	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	308263	46.565	ng	99
41) Hexachlorocyclopentadiene	8.992	237	328635	104.639	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	216838	48.117	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	240104	45.295	ng	96
46) 1,1'-Biphenyl	9.310	154	836589	46.674	ng	98
47) 2-Chloronaphthalene	9.334	162	617920	47.117	ng	99
48) 2-Nitroaniline	9.433	65	229988	48.119	ng	96
49) Acenaphthylene	9.751	152	1030267	45.988	ng	99
50) Dimethylphthalate	9.610	163	782207	48.224	ng	99
51) 2,6-Dinitrotoluene	9.675	165	174088	49.831	ng	92
52) Acenaphthene	9.922	154	614649	47.283	ng	99
53) 3-Nitroaniline	9.845	138	75480	18.010	ng	90
54) 2,4-Dinitrophenol	9.957	184	209766	102.813	ng	90
55) Dibenzofuran	10.098	168	929920	45.773	ng	98
56) 4-Nitrophenol	10.016	139	272138	92.828	ng	93
57) 2,4-Dinitrotoluene	10.086	165	223591	48.463	ng	92
58) Fluorene	10.439	166	739993	46.818	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	203417	48.649	ng	99
60) Diethylphthalate	10.316	149	786972	46.569	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	352952	46.338	ng	96
62) 4-Nitroaniline	10.469	138	178926	42.362	ng	99
63) Azobenzene	10.592	77	731766	45.778	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	131478	55.203	ng	97
66) n-Nitrosodiphenylamine	10.551	169	622426	44.593	ng	99
67) 4-Bromophenyl-phenylether	10.922	248	225678	48.603	ng	96
68) Hexachlorobenzene	10.986	284	257723	52.276	ng	97
69) Atrazine	11.075	200	78402	20.307	ng	98
70) Pentachlorophenol	11.186	266	271875	92.230	ng	96
71) Phenanthrene	11.404	178	1055733	48.005	ng	99
72) Anthracene	11.457	178	1087925	47.561	ng	100
73) Carbazole	11.616	167	1004717	47.987	ng	99
74) Di-n-butylphthalate	11.945	149	1207256	48.488	ng	99
75) Fluoranthene	12.604	202	1152755	48.485	ng	98
77) Benzidine	12.727	184	145330	23.050	ng	98
78) Pyrene	12.833	202	1162934	47.160	ng	100
80) Butylbenzylphthalate	13.457	149	465785	50.363	ng	96
81) Benzo(a)anthracene	14.033	228	885300	48.176	ng	98
82) 3,3'-Dichlorobenzidine	13.992	252	127560	21.910	ng	99
83) Chrysene	14.068	228	839282	47.154	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	575142	54.121	ng	99
85) Di-n-octyl phthalate	14.639	149	848951	54.368	ng	100
87) Indeno(1,2,3-cd)pyrene	17.092	276	942442	54.148	ng	99
88) Benzo(b)fluoranthene	15.098	252	803467	54.477	ng	100
89) Benzo(k)fluoranthene	15.133	252	732557	48.783	ng	97
90) Benzo(a)pyrene	15.480	252	681842	47.809	ng	99
91) Dibenzo(a,h)anthracene	17.115	278	763817	53.729	ng	98
92) Benzo(g,h,i)perylene	17.562	276	830889	56.677	ng	99

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

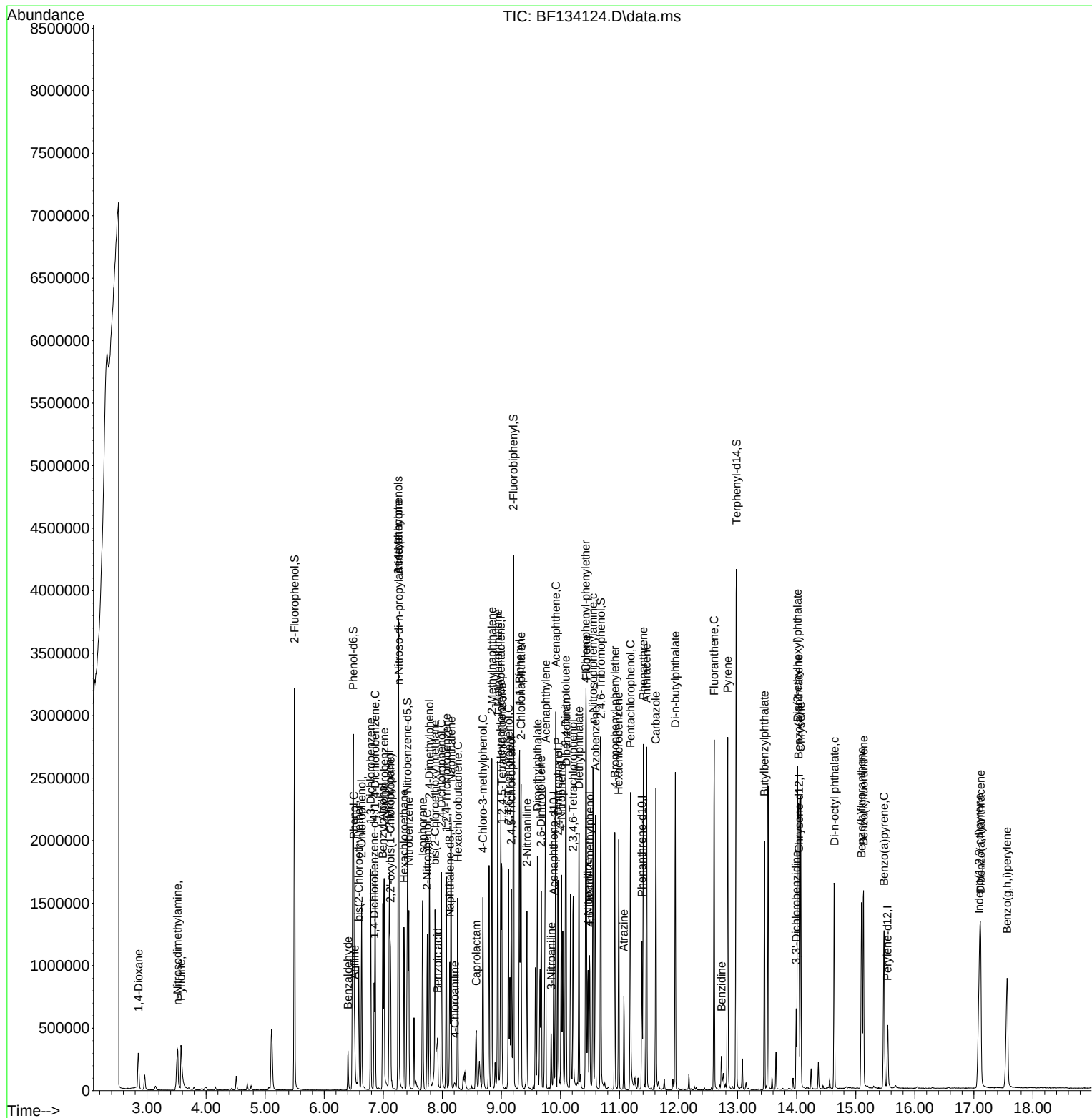
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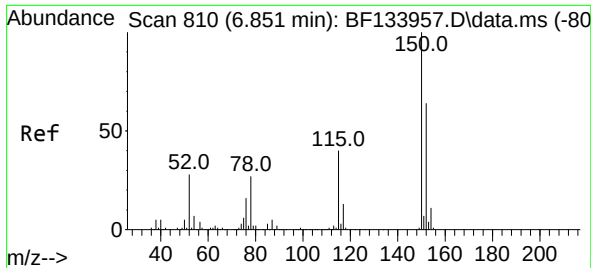
Instrument :
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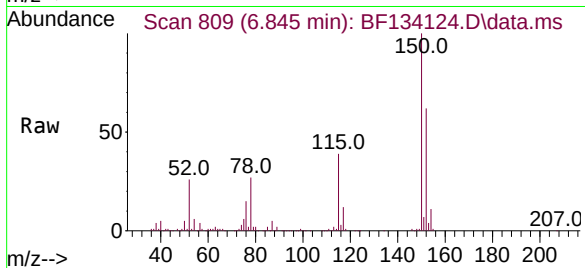
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 810
 Delta R.T. -0.006 min
 Lab File: BF134124.D
 Acq: 07 Jul 2023 07:26

Instrument :

BNA_F

Client SampleId :

TB-TP1MS

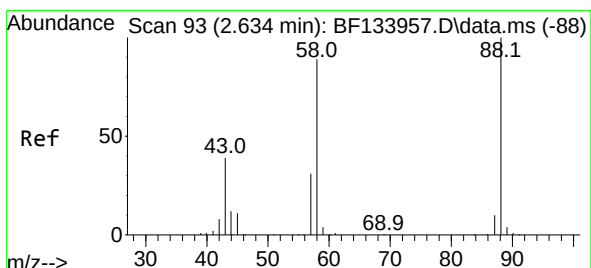
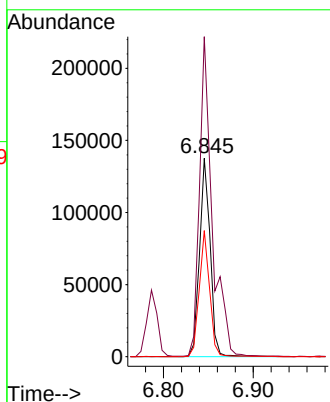
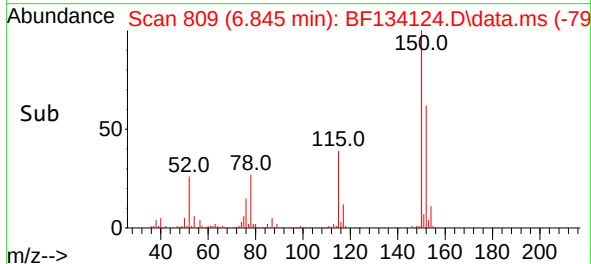


Tgt Ion: 152 Resp: 113324
 Ion Ratio Lower Upper
 152 100
 150 161.2 124.5 186.7
 115 63.5 50.2 75.2

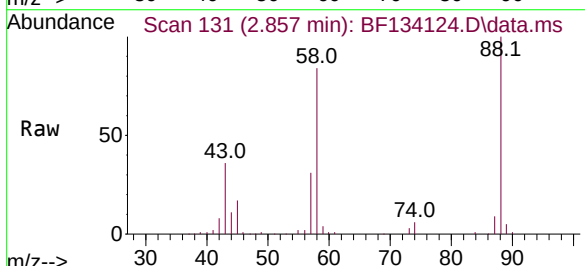
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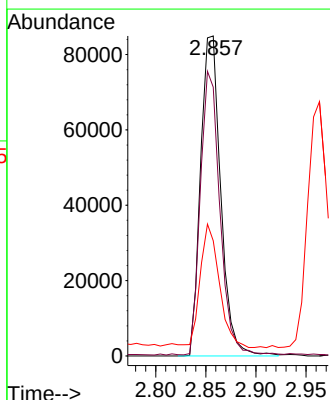
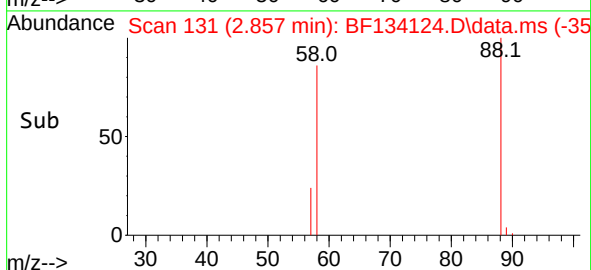
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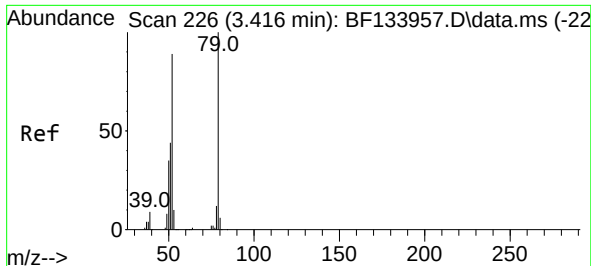


#2
 1,4-Dioxane
 Concen: 42.712 ng
 RT: 2.857 min Scan# 131
 Delta R.T. 0.212 min
 Lab File: BF134124.D
 Acq: 07 Jul 2023 07:26



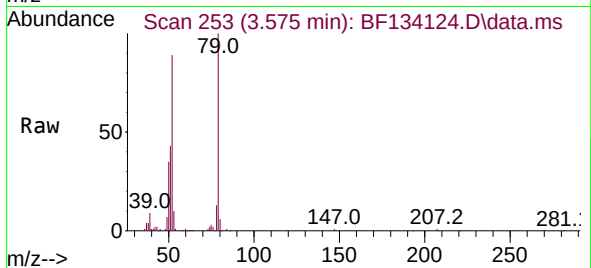
Tgt Ion: 88 Resp: 119310
 Ion Ratio Lower Upper
 88 100
 58 85.5 68.8 103.2
 43 0.0 30.7 46.1





#3
Pyridine
Concen: 30.493 ng
RT: 3.575 min Scan# 21
Delta R.T. 0.141 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

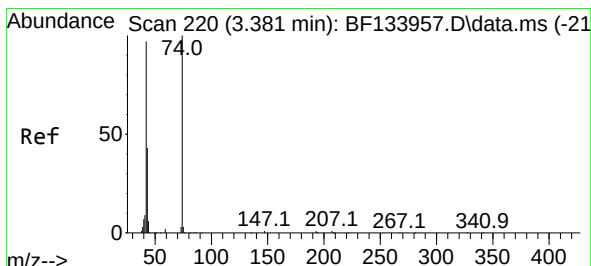
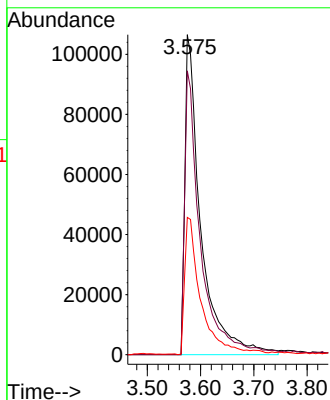
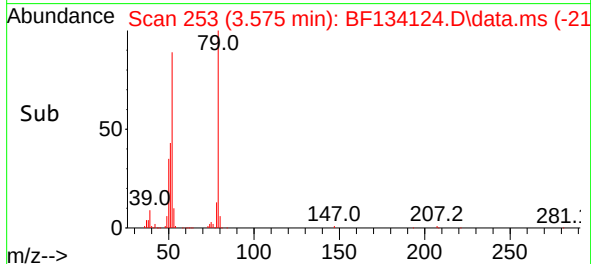
Instrument :
BNA_F
ClientSampleId :
TB-TP1MS



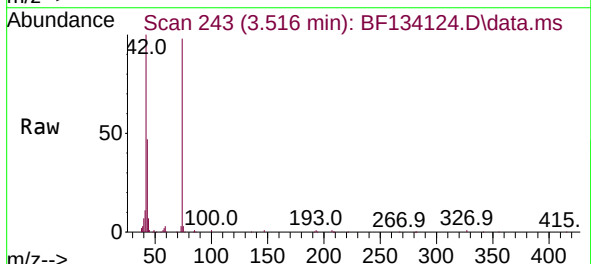
Tgt Ion: 79 Resp: 221869
Ion Ratio Lower Upper
79 100
52 88.7 71.1 106.7
51 42.9 35.2 52.8

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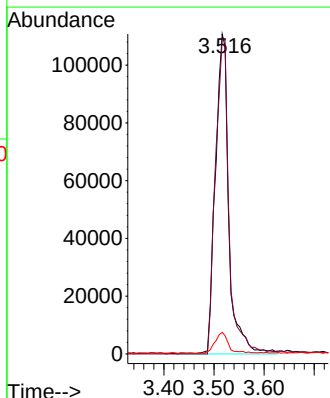
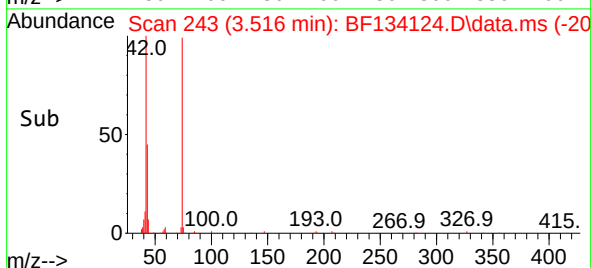
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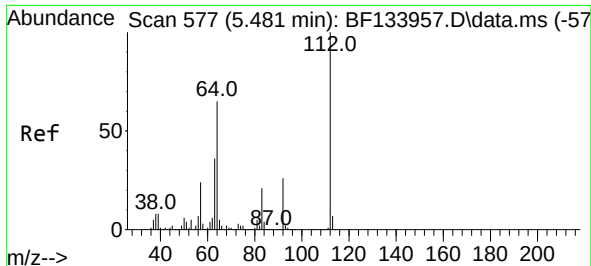


#4
n-Nitrosodimethylamine
Concen: 49.662 ng
RT: 3.516 min Scan# 243
Delta R.T. 0.112 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26



Tgt Ion: 42 Resp: 206376
Ion Ratio Lower Upper
42 100
74 98.3 82.4 123.6
44 6.8 4.9 7.3





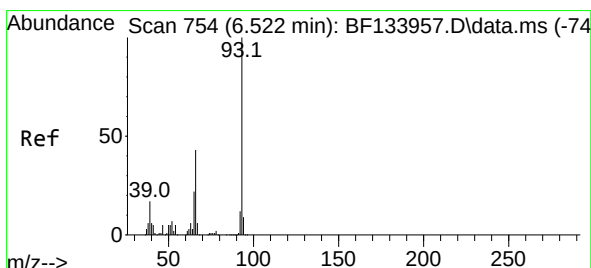
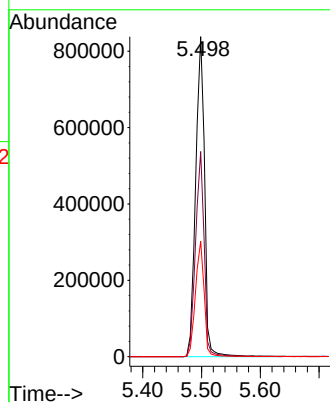
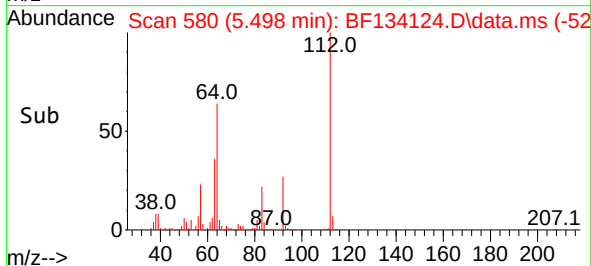
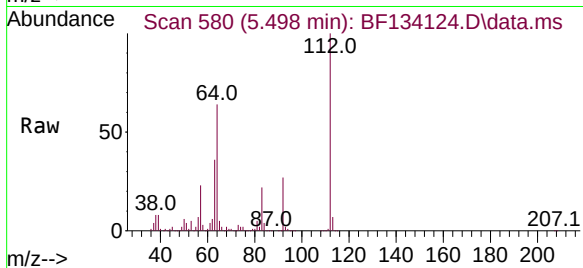
#5
2-Fluorophenol
Concen: 131.052 ng
RT: 5.498 min Scan# 577
Delta R.T. 0.012 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

Instrument :
BNA_F
ClientSampleId :
TB-TP1MS

Tgt Ion:112 Resp: 887828
Ion Ratio Lower Upper
112 100
64 64.1 52.1 78.1
63 36.0 28.6 42.8

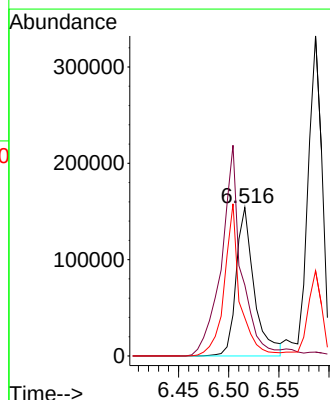
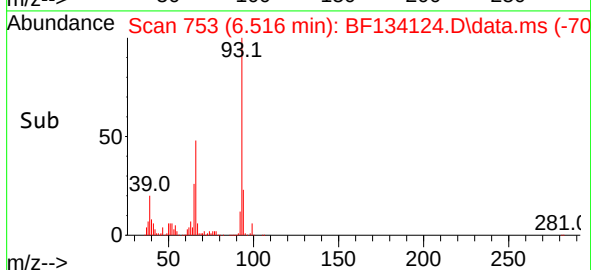
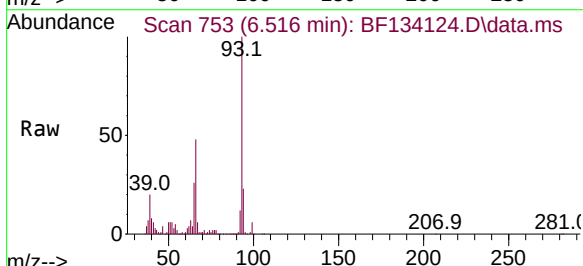
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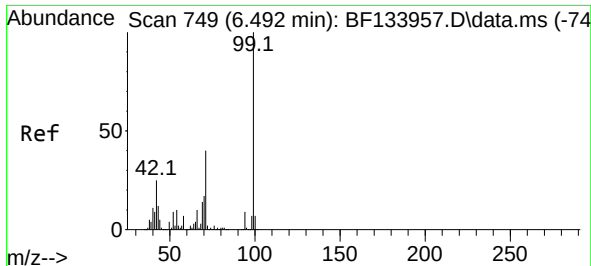
Reviewed By :Yogesh Patel 07/07/2023
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#6
Aniline
Concen: 19.126 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF134124.D
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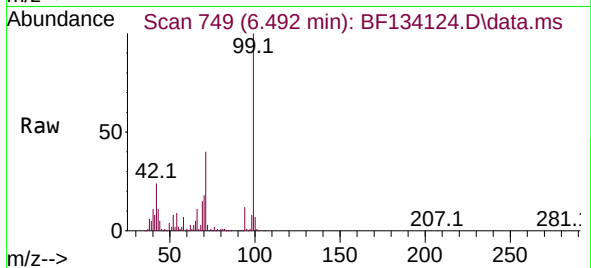
Tgt Ion: 93 Resp: 193910
Ion Ratio Lower Upper
93 100
66 47.7 34.5 51.7
65 25.6 17.8 26.6





#7
Phenol-d6
Concen: 125.560 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

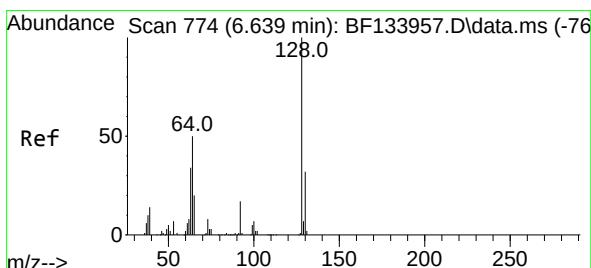
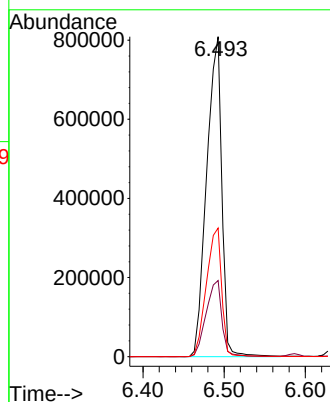
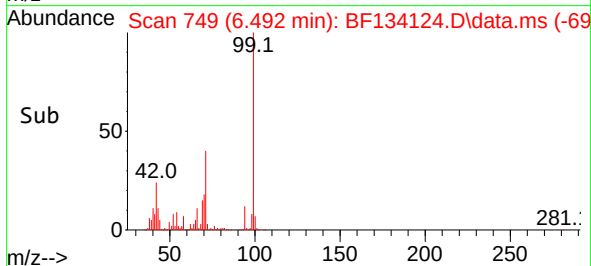
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Tgt Ion: 99 Resp: 104610
Ion Ratio Lower Upper
99 100
42 23.8 19.8 29.6
71 40.2 31.9 47.9

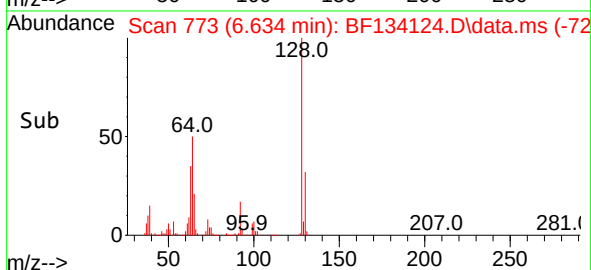
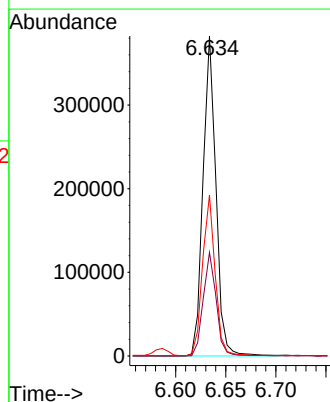
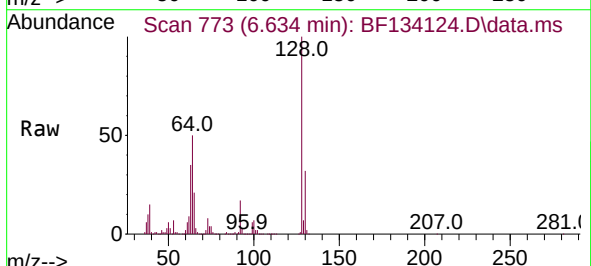
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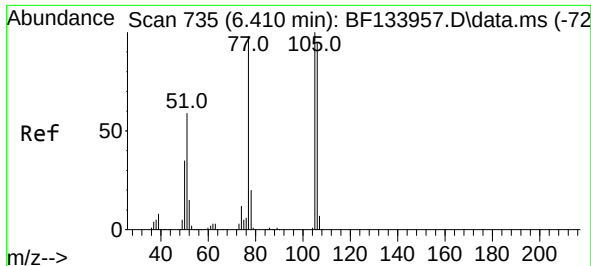
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#8
2-Chlorophenol
Concen: 50.054 ng
RT: 6.634 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

Tgt Ion:128 Resp: 344229
Ion Ratio Lower Upper
128 100
130 32.4 11.7 51.7
64 50.3 31.3 71.3





#9

Benzaldehyde

Concen: 10.281 ng

RT: 6.404 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF134124.D

Acq: 07 Jul 2023 07:26

Instrument :

BNA_F

ClientSampleId :

TB-TP1MS

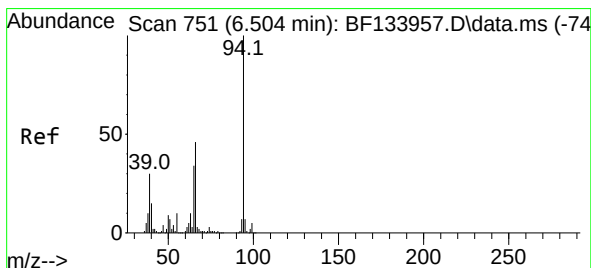
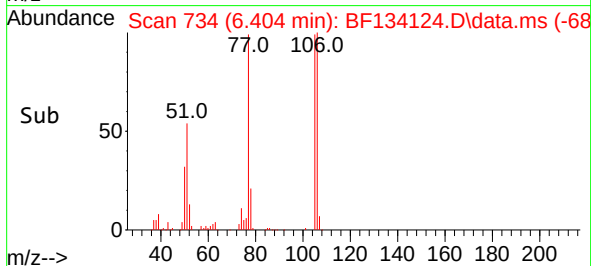
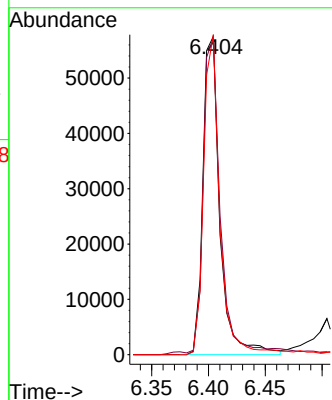
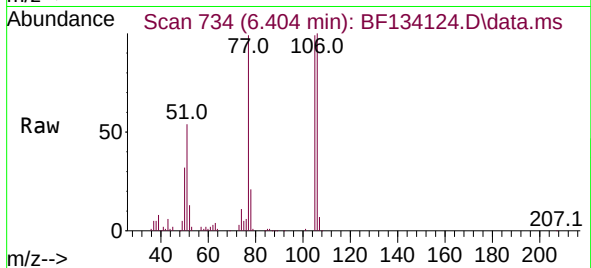
Tgt Ion: 77	Resp: 5967
Ion Ratio	Lower Upper
77 100	
105 99.6	82.0 122.0
106 100.5	76.9 116.9

Manual Integrations

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#10

Phenol

Concen: 44.144 ng

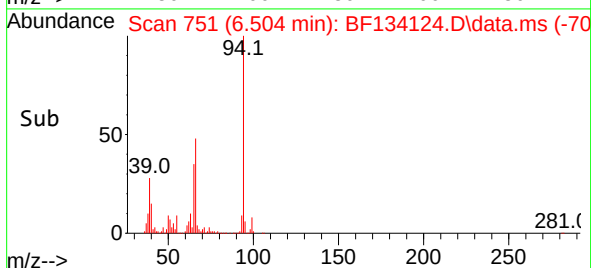
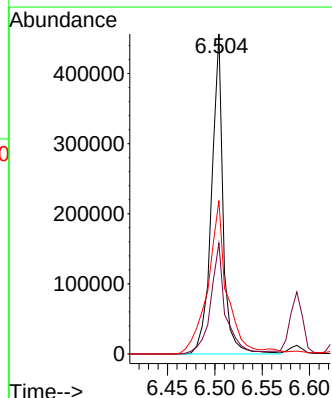
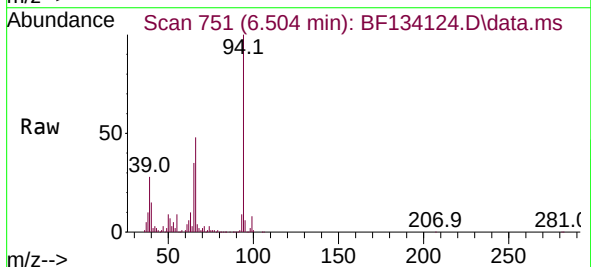
RT: 6.504 min Scan# 751

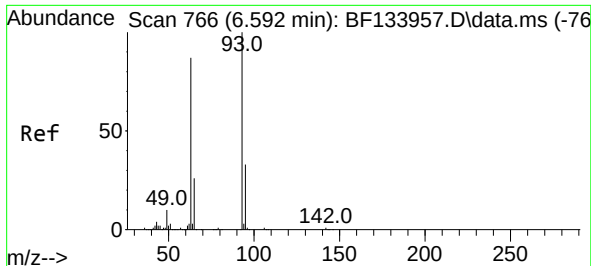
Delta R.T. -0.006 min

Lab File: BF134124.D

Acq: 07 Jul 2023 07:26

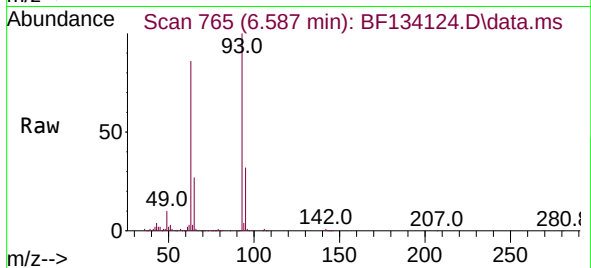
Tgt Ion: 94	Resp: 386698
Ion Ratio	Lower Upper
94 100	
65 34.6	14.2 54.2
66 47.9	26.4 66.4





#11
bis(2-Chloroethyl)ether
Concen: 50.011 ng
RT: 6.587 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

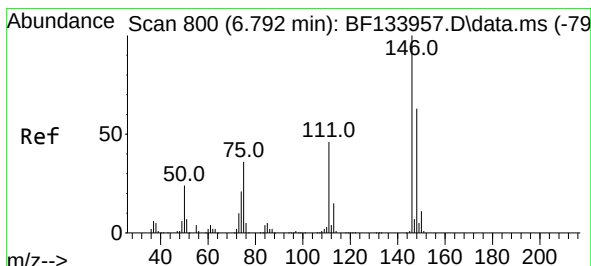
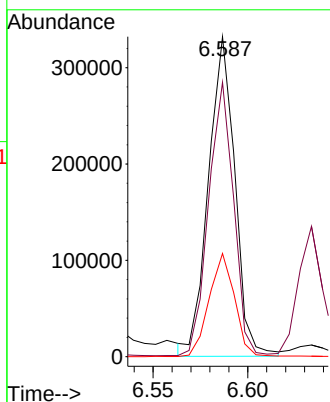
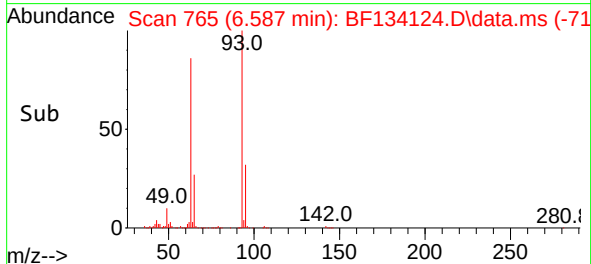
Instrument :
BNA_F
ClientSampleId :
TB-TP1MS



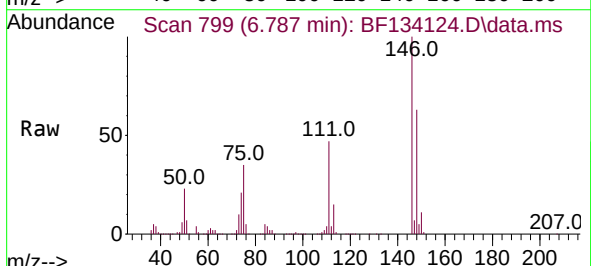
Tgt Ion: 93 Resp: 322534
Ion Ratio Lower Upper
93 100
63 85.8 66.5 106.5
95 32.3 12.9 52.9

Manual Integrations
APPROVED

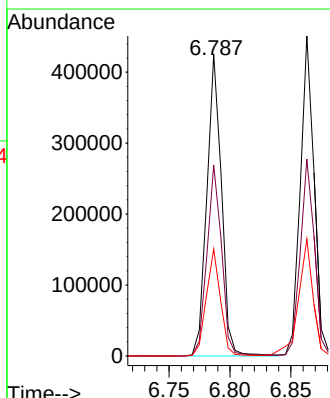
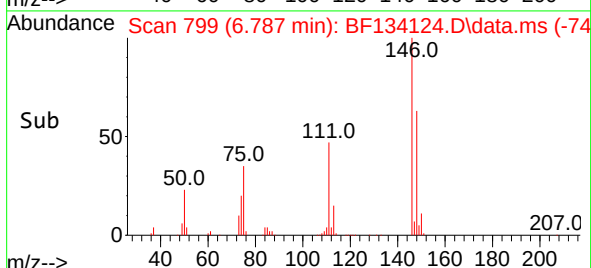
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

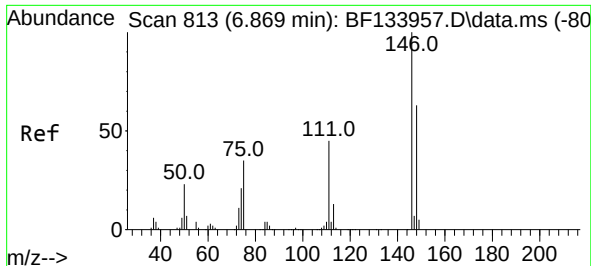


#12
1,3-Dichlorobenzene
Concen: 48.287 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26



Tgt Ion:146 Resp: 354026
Ion Ratio Lower Upper
146 100
148 63.3 50.5 75.7
75 35.4 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 48.444 ng

RT: 6.863 min Scan# 813

Delta R.T. -0.006 min

Lab File: BF134124.D

Acq: 07 Jul 2023 07:26

Instrument :

BNA_F

ClientSampleId :

TB-TP1MS

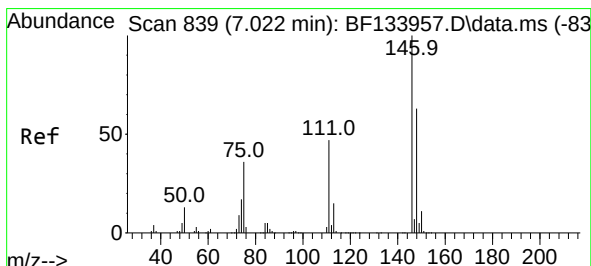
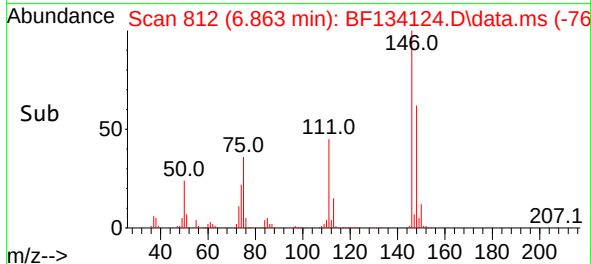
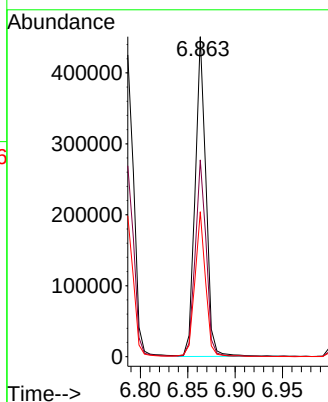
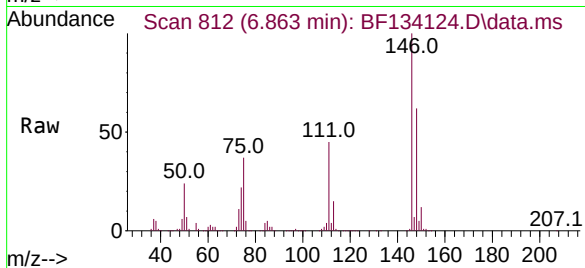
Tgt Ion:146 Resp: 358744
 Ion Ratio Lower Upper
 146 100
 148 61.5 50.2 75.2
 111 45.3 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#14

1,2-Dichlorobenzene

Concen: 49.480 ng

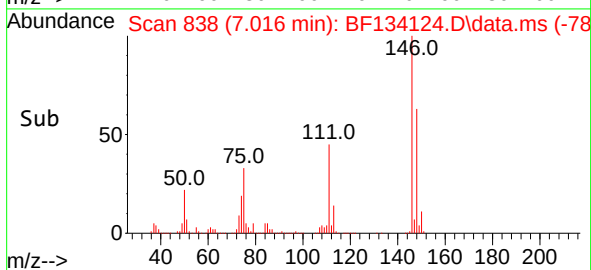
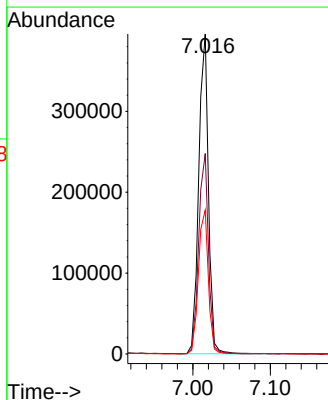
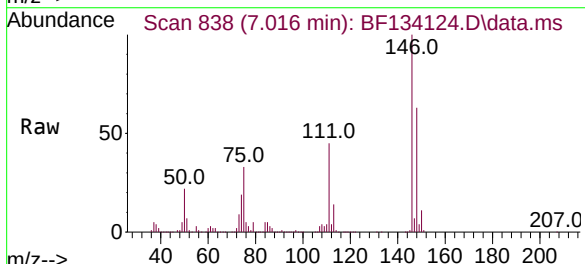
RT: 7.016 min Scan# 838

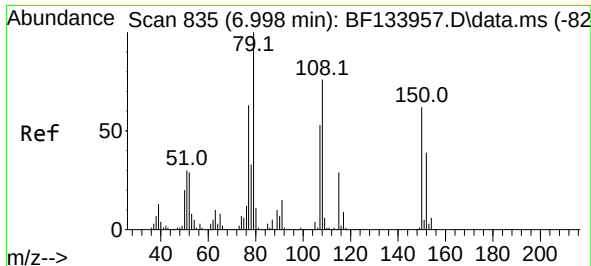
Delta R.T. -0.006 min

Lab File: BF134124.D

Acq: 07 Jul 2023 07:26

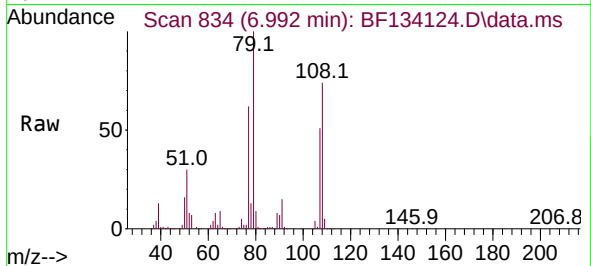
Tgt Ion:146 Resp: 343171
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.6 76.0
 111 44.9 38.0 57.0





#15
Benzyl Alcohol
Concen: 49.279 ng
RT: 6.992 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

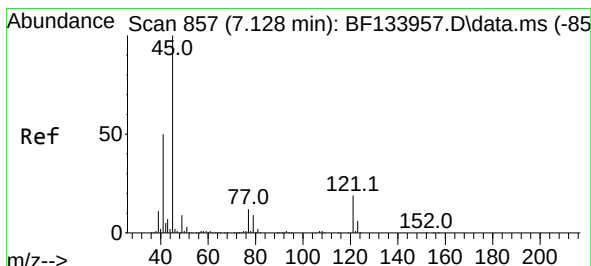
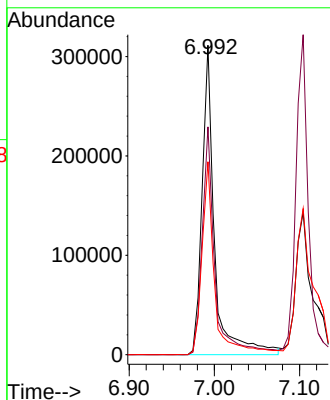
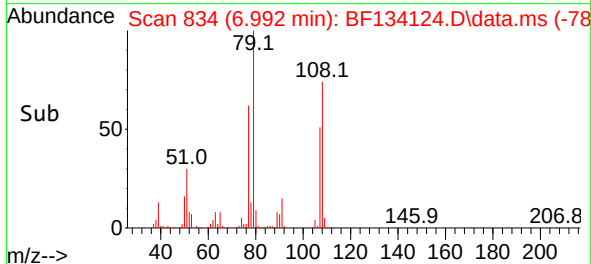
Instrument :
BNA_F
ClientSampleId :
TB-TP1MS



Tgt Ion: 79 Resp: 316508
Ion Ratio Lower Upper
79 100
108 73.6 60.7 91.1
77 62.4 50.6 75.8

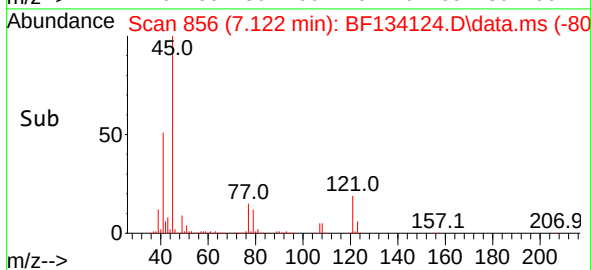
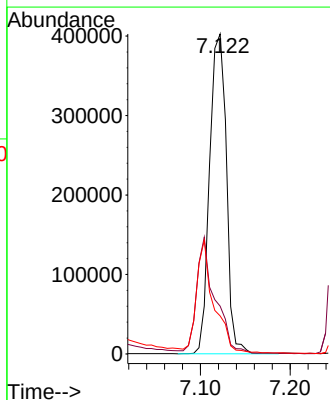
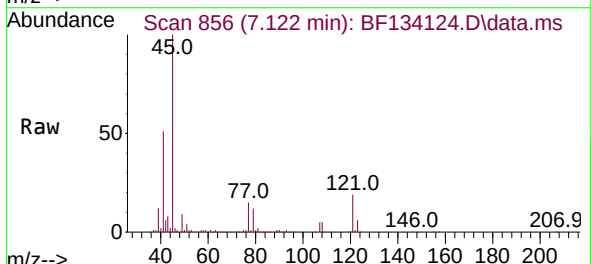
Manual Integrations
APPROVED

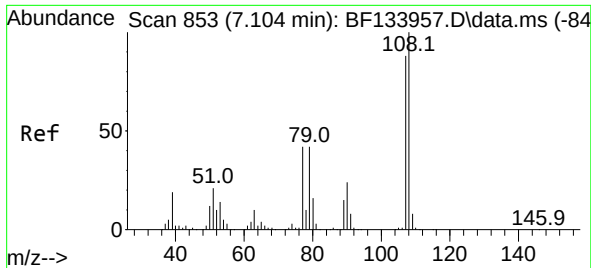
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.735 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

Tgt Ion: 45 Resp: 521809
Ion Ratio Lower Upper
45 100
77 14.9 0.0 32.9
79 11.9 0.0 29.5





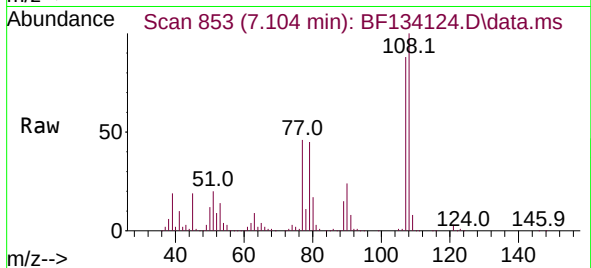
#17
2-Methylphenol
Concen: 47.711 ng
RT: 7.104 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

Instrument :

BNA_F

ClientSampleId :

TB-TP1MS

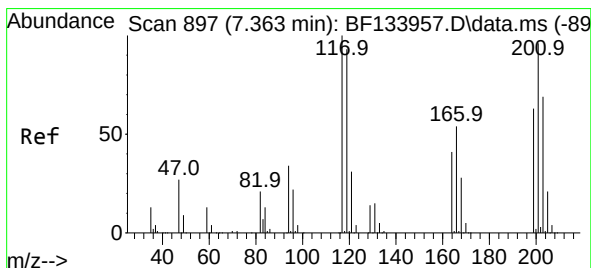
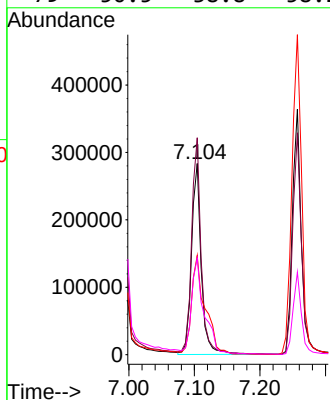
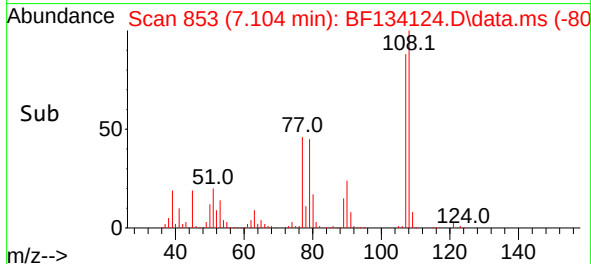


Tgt Ion:107 Resp: 293818
Ion Ratio Lower Upper
107 100
108 113.5 90.6 136.0
77 51.9 38.3 57.5
79 50.5 38.8 58.2

Manual Integrations

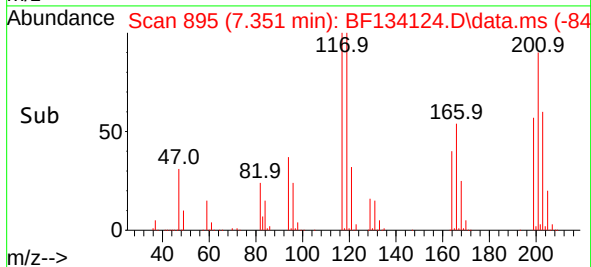
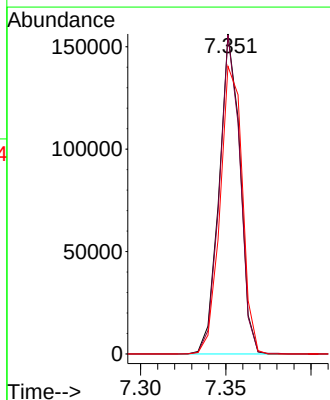
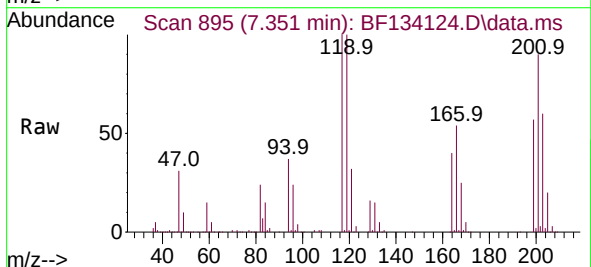
APPROVED

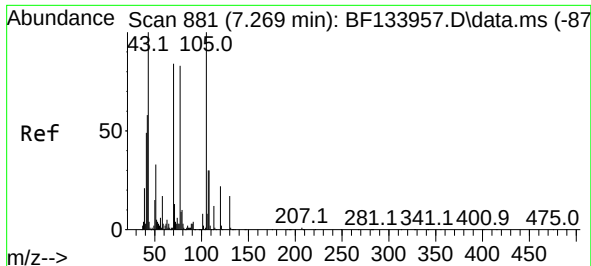
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#18
Hexachloroethane
Concen: 48.609 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

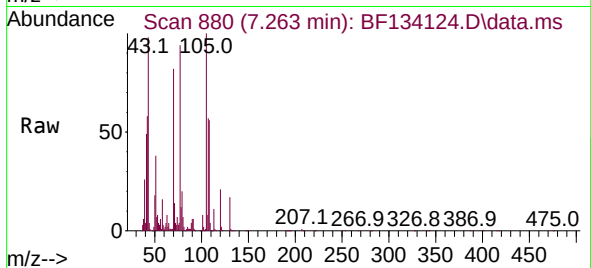
Tgt Ion:117 Resp: 133474
Ion Ratio Lower Upper
117 100
119 99.6 74.2 111.4
201 89.9 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 46.454 ng
RT: 7.263 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

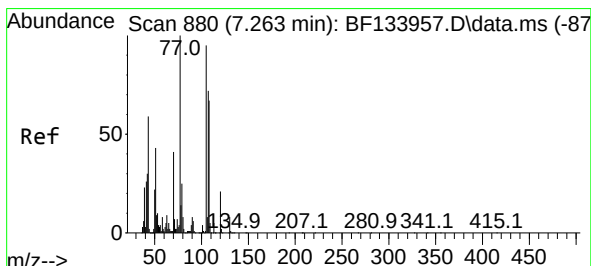
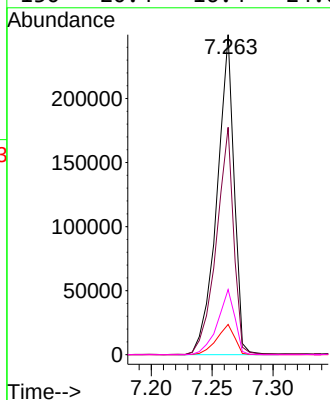
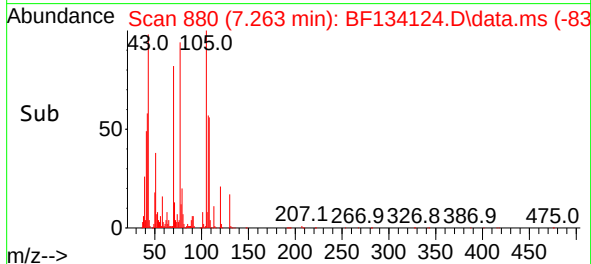
Instrument :
BNA_F
ClientSampleId :
TB-TP1MS



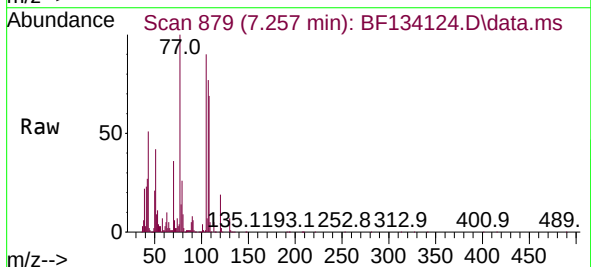
Tgt Ion: 70 Resp: 24544
Ion Ratio Lower Upper
70 100
42 71.0 54.7 82.1
101 9.4 7.7 11.5
130 20.4 16.4 24.6

Manual Integrations
APPROVED

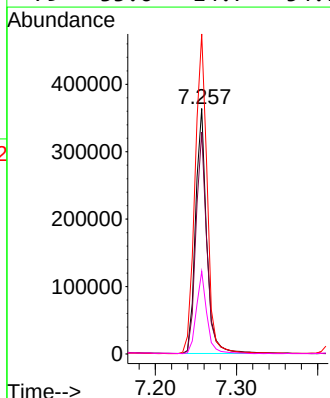
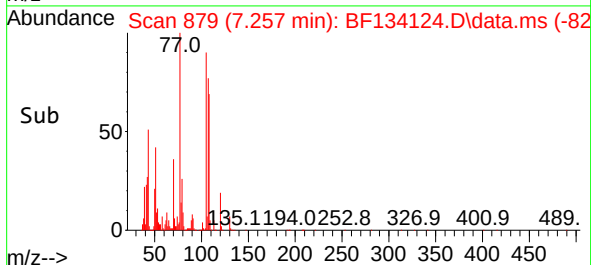
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

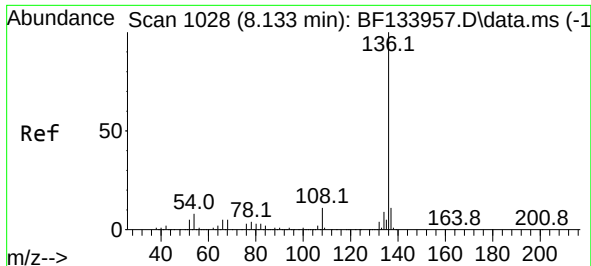


#20
3+4-Methylphenols
Concen: 46.429 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26



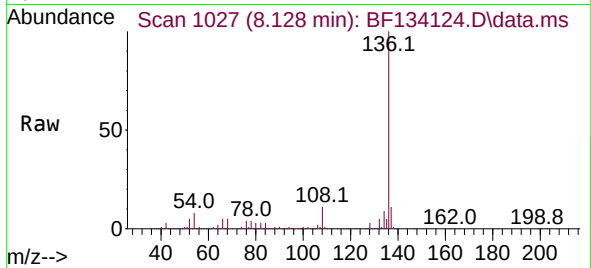
Tgt Ion:107 Resp: 346868
Ion Ratio Lower Upper
107 100
108 90.4 73.2 113.2
77 130.4 118.3 158.3
79 33.6 14.7 54.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

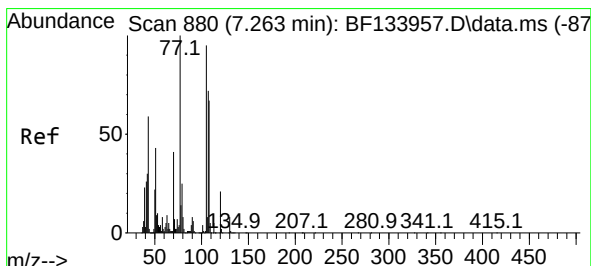
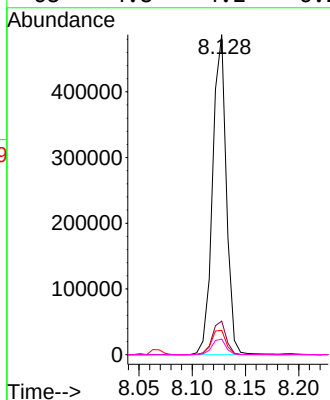
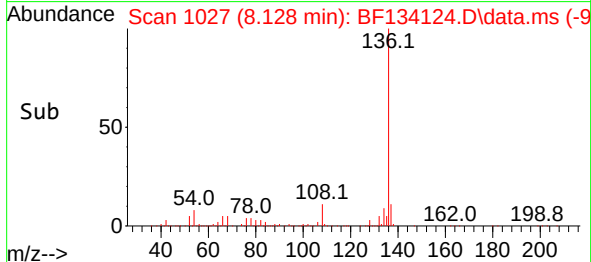
Instrument :
BNA_F
ClientSampleId :
TB-TP1MS



Tgt Ion:136 Resp: 438112
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 7.6 6.5 9.7
68 4.8 4.2 6.2

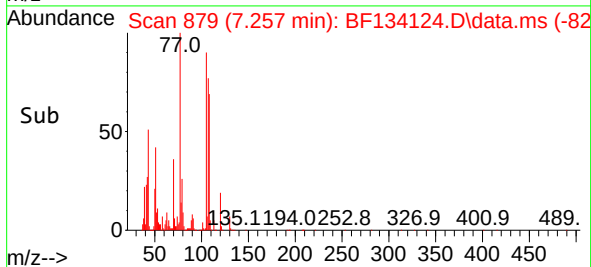
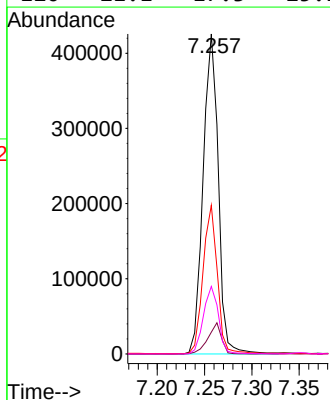
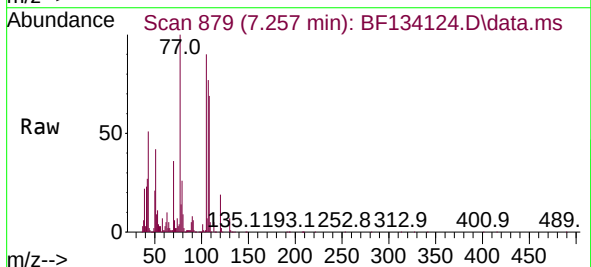
Manual Integrations
APPROVED

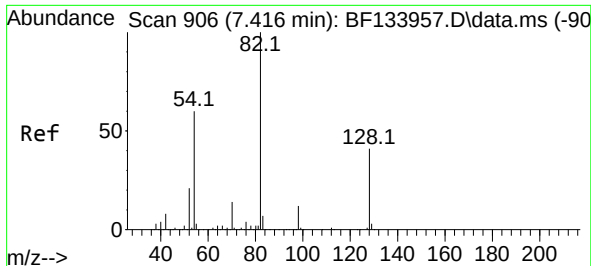
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#22
Acetophenone
Concen: 47.625 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

Tgt Ion:105 Resp: 474521
Ion Ratio Lower Upper
105 100
71 6.8 5.5 8.3
51 46.5 36.5 54.7
120 21.1 17.3 25.9





#23

Nitrobenzene-d5

Concen: 95.902 ng

RT: 7.410 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF134124.D

Acq: 07 Jul 2023 07:26

Instrument :

BNA_F

ClientSampleId :

TB-TP1MS

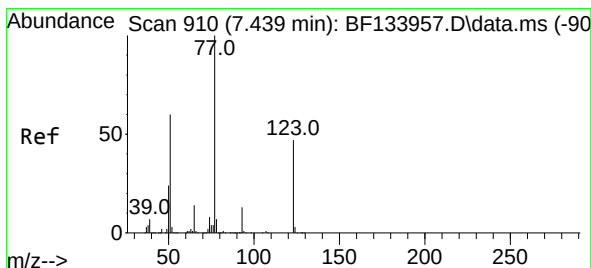
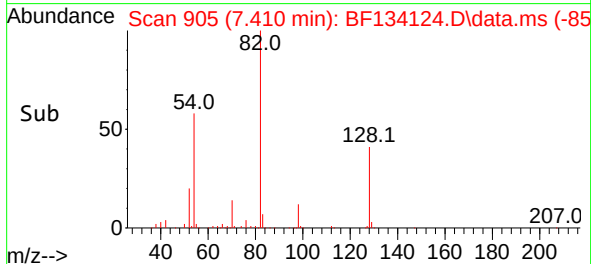
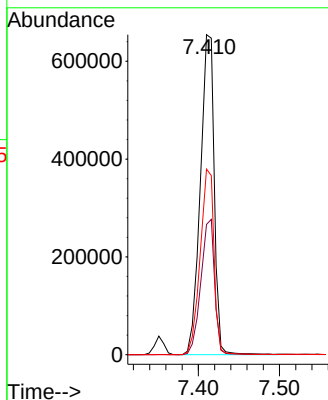
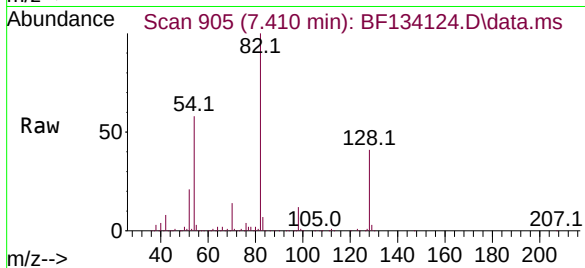
Tgt Ion: 82 Resp: 779439
 Ion Ratio Lower Upper
 82 100
 128 40.7 32.5 48.7
 54 58.0 48.2 72.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#24

Nitrobenzene

Concen: 46.915 ng

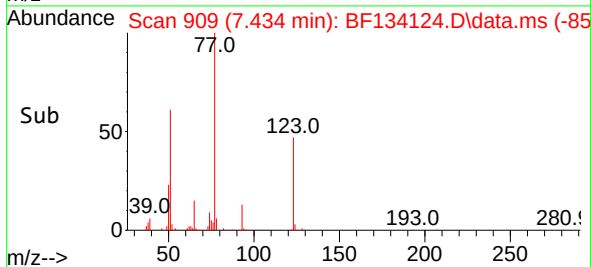
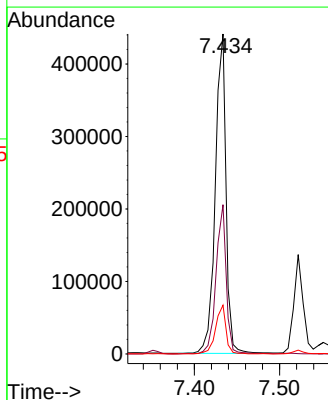
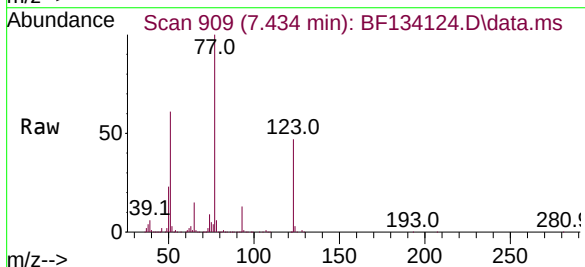
RT: 7.434 min Scan# 909

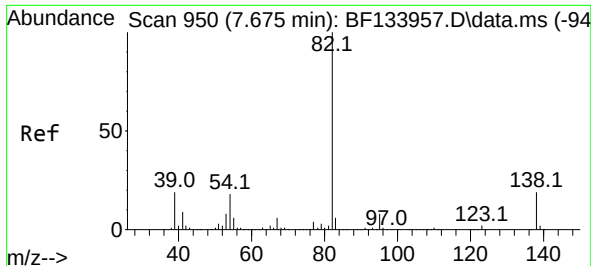
Delta R.T. -0.006 min

Lab File: BF134124.D

Acq: 07 Jul 2023 07:26

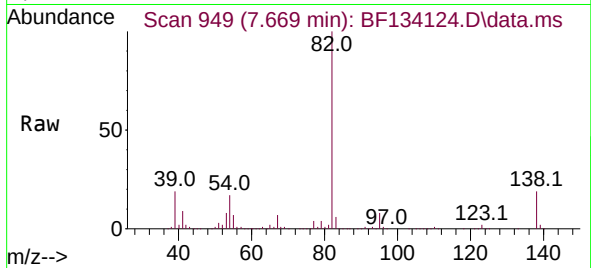
Tgt Ion: 77 Resp: 385309
 Ion Ratio Lower Upper
 77 100
 123 46.7 37.8 56.6
 65 15.2 11.3 16.9





#25
Isophorone
Concen: 46.446 ng
RT: 7.669 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

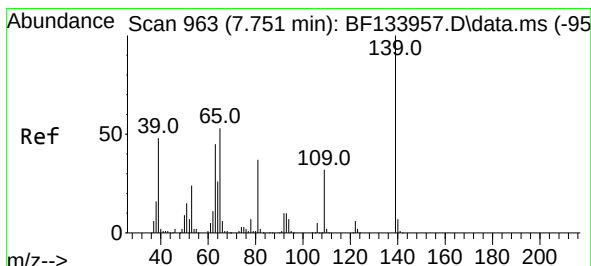
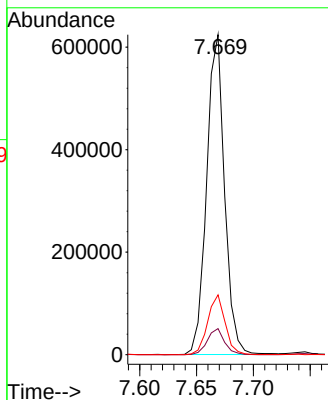
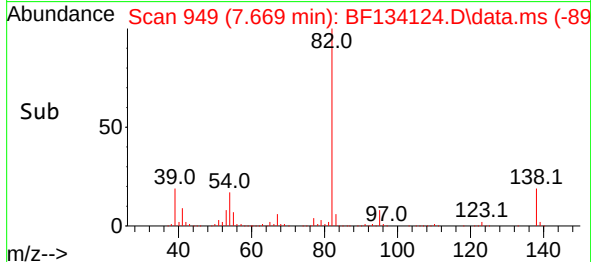
Instrument :
BNA_F
ClientSampleId :
TB-TP1MS



Tgt Ion: 82 Resp: 686048
Ion Ratio Lower Upper
82 100
95 8.1 6.1 9.1
138 18.7 15.2 22.8

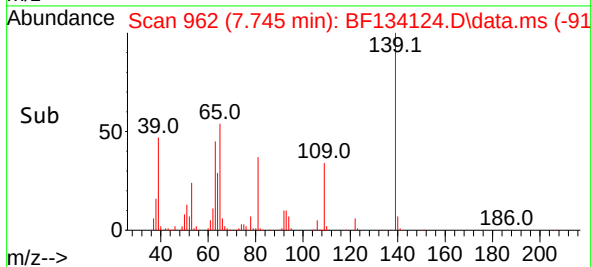
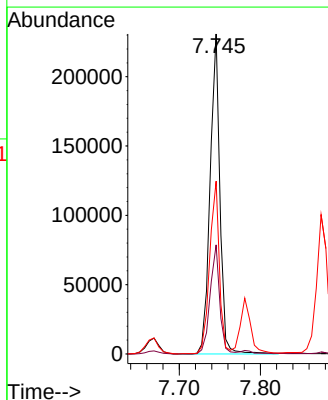
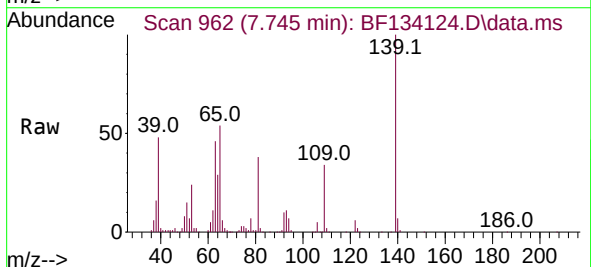
Manual Integrations
APPROVED

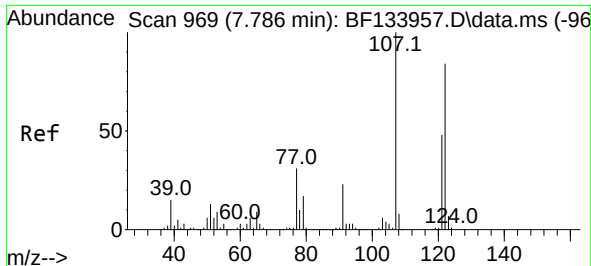
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#26
2-Nitrophenol
Concen: 49.139 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

Tgt Ion:139 Resp: 193602
Ion Ratio Lower Upper
139 100
109 34.1 25.8 38.8
65 54.0 42.4 63.6





#27

2,4-Dimethylphenol

Concen: 50.267 ng

RT: 7.781 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF134124.D

Acq: 07 Jul 2023 07:26

Instrument :

BNA_F

ClientSampleId :

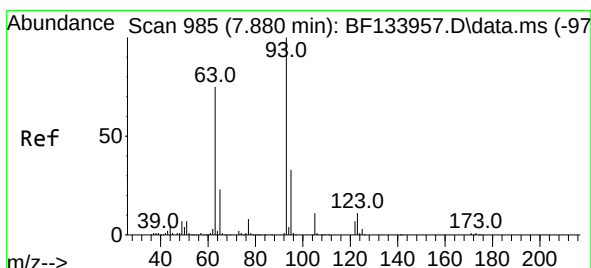
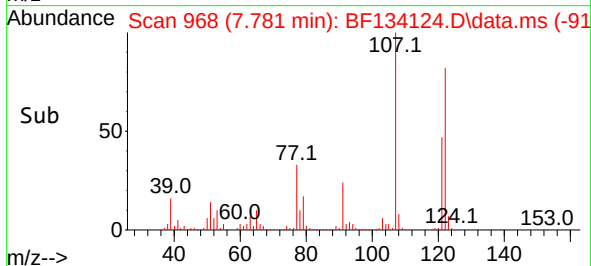
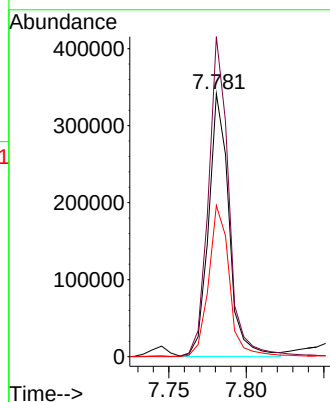
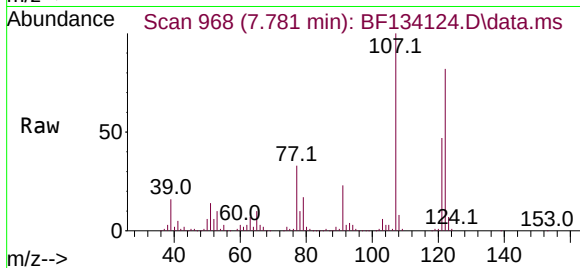
TB-TP1MS

Tgt Ion:	122	Resp:	31349
Ion	Ratio	Lower	Upper
122	100		
107	121.8	95.5	143.3
121	57.6	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: 45.789 ng

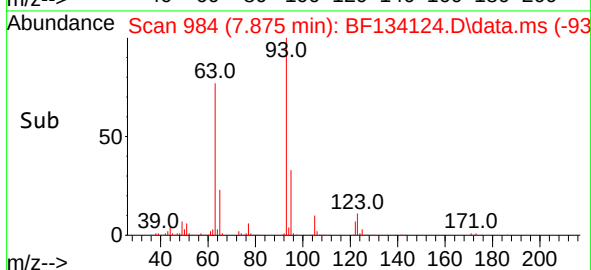
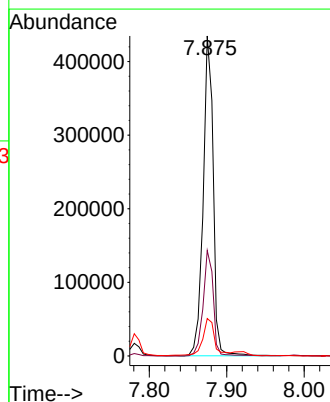
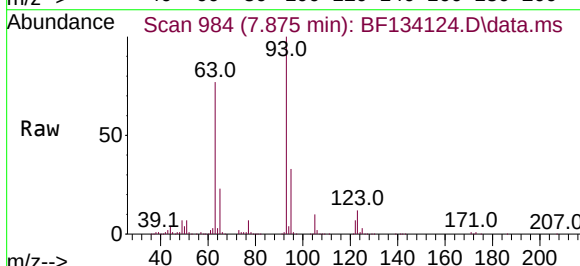
RT: 7.875 min Scan# 984

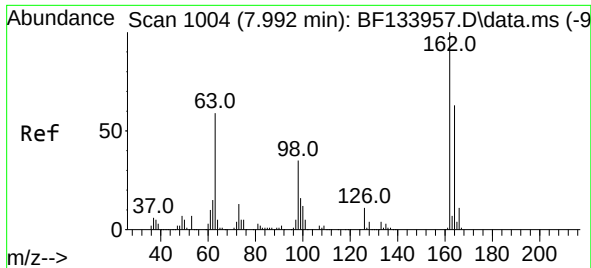
Delta R.T. -0.006 min

Lab File: BF134124.D

Acq: 07 Jul 2023 07:26

Tgt Ion:	93	Resp:	391629
Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.5	39.7
123	11.7	9.1	13.7





#29

2,4-Dichlorophenol

Concen: 48.266 ng

RT: 7.987 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BF134124.D

Acq: 07 Jul 2023 07:26

Instrument :

BNA_F

ClientSampleId :

TB-TP1MS

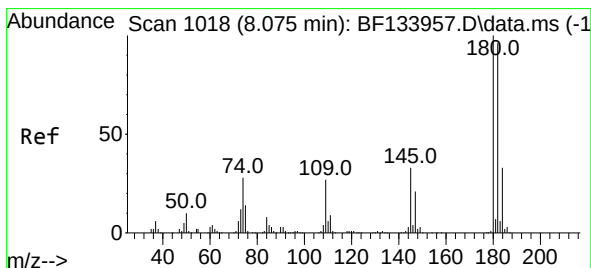
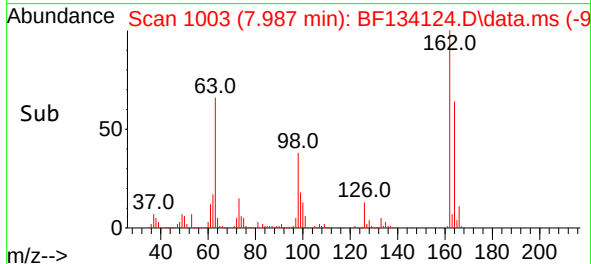
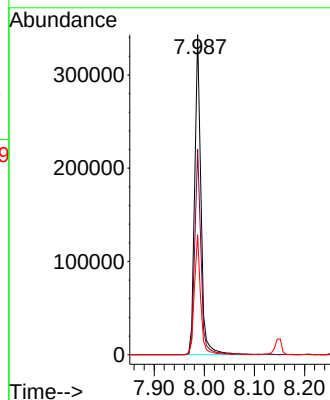
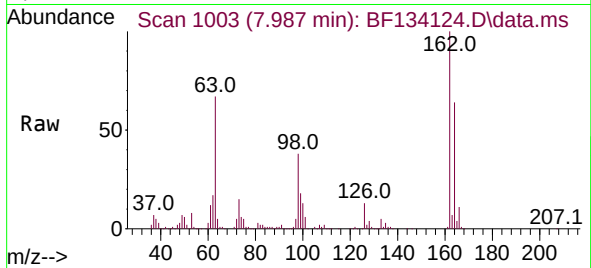
Tgt Ion:162 Resp: 298492
 Ion Ratio Lower Upper
 162 100
 164 64.2 43.2 83.2
 98 37.5 14.9 54.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#30

1,2,4-Trichlorobenzene

Concen: 47.521 ng

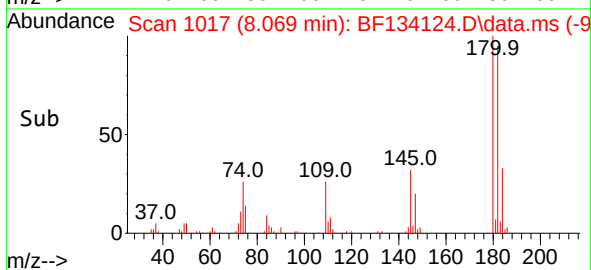
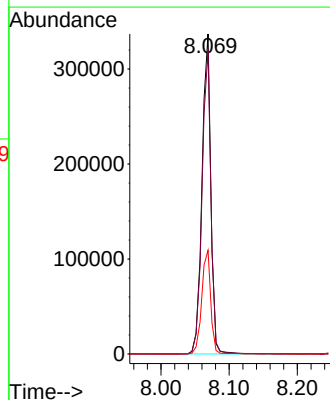
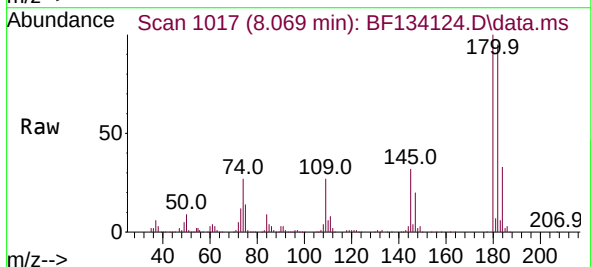
RT: 8.069 min Scan# 1017

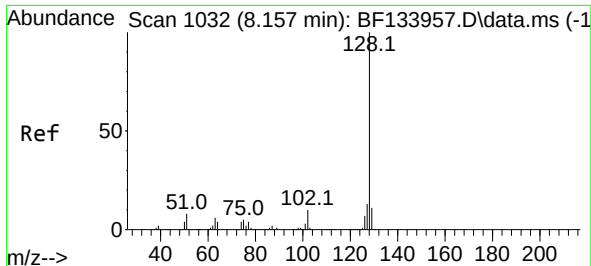
Delta R.T. -0.006 min

Lab File: BF134124.D

Acq: 07 Jul 2023 07:26

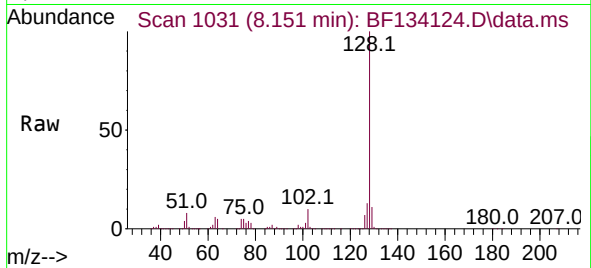
Tgt Ion:180 Resp: 303237
 Ion Ratio Lower Upper
 180 100
 182 94.8 77.1 115.7
 145 32.4 26.0 39.0





#31
Naphthalene
Concen: 46.359 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

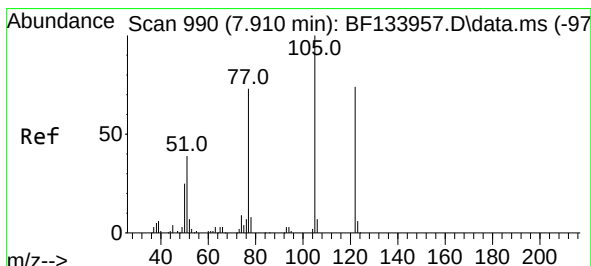
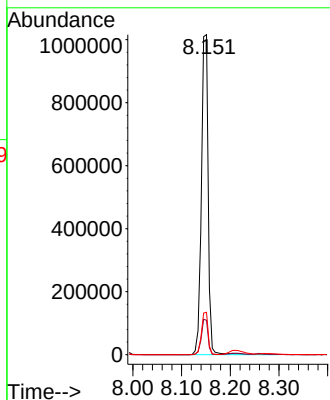
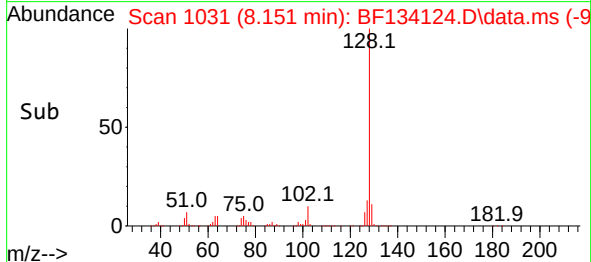
Instrument :
BNA_F
ClientSampleId :
TB-TP1MS



Tgt Ion:128 Resp: 981054
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.2 10.6 15.8

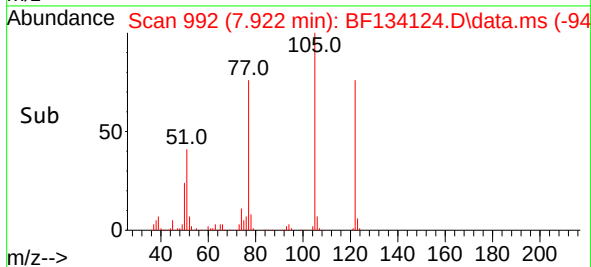
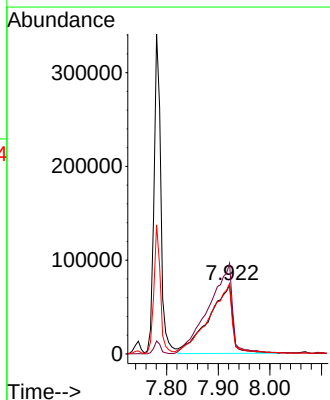
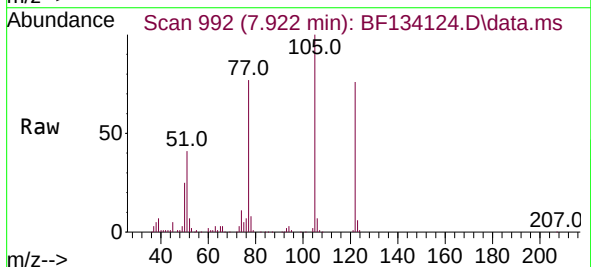
Manual Integrations
APPROVED

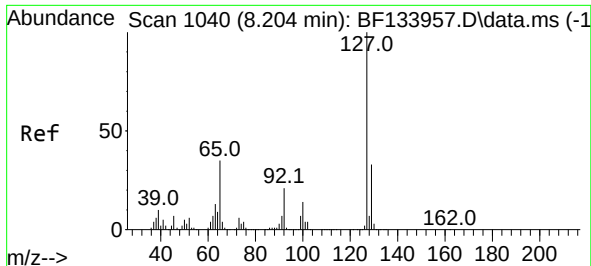
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#32
Benzoic acid
Concen: 50.740 ng
RT: 7.922 min Scan# 992
Delta R.T. 0.006 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

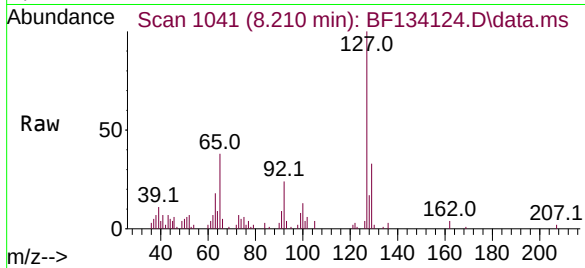
Tgt Ion:122 Resp: 237121
Ion Ratio Lower Upper
122 100
105 131.3 109.7 149.7
77 101.7 76.0 116.0





#33
4-Chloroaniline
Concen: 3.408 ng
RT: 8.210 min Scan# 1041
Delta R.T. 0.006 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

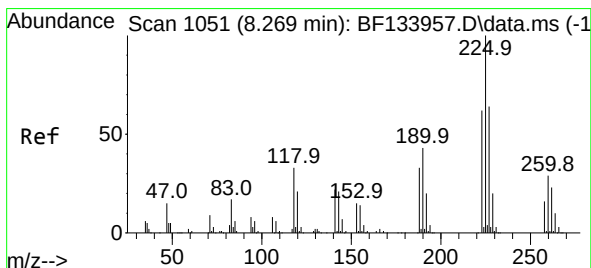
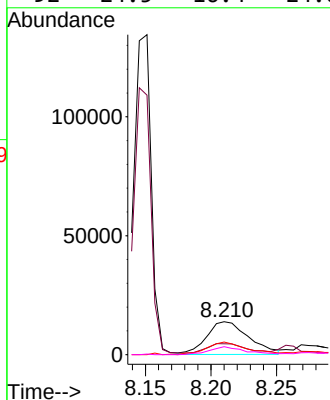
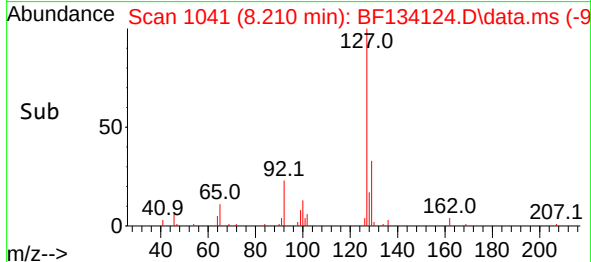
Instrument :
BNA_F
ClientSampleId :
TB-TP1MS



Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.4	39.6
65	38.4	27.8	41.8
92	24.5	16.4	24.6

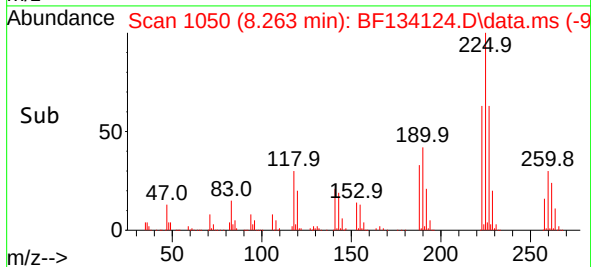
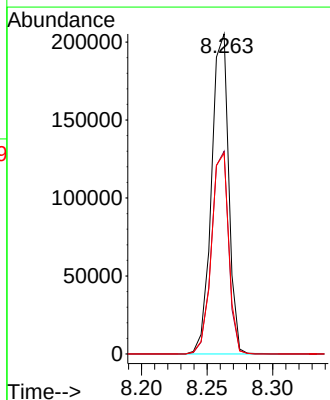
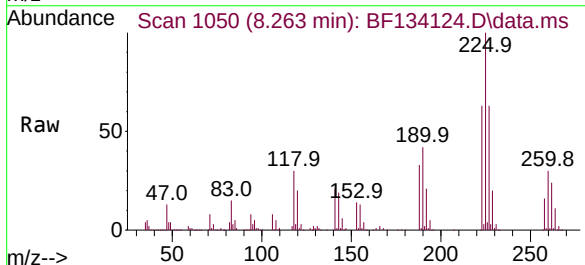
Manual Integrations
APPROVED

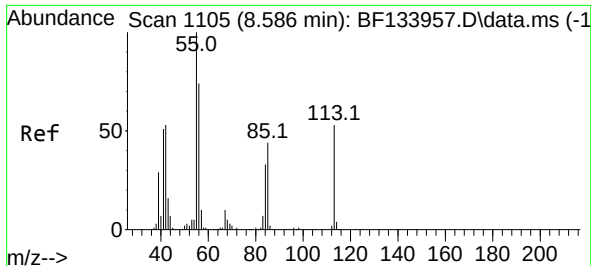
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#34
Hexachlorobutadiene
Concen: 46.467 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.000 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

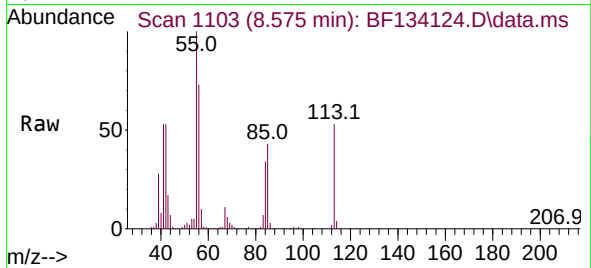
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.8	74.8
227	62.7	51.0	76.4





#35
Caprolactam
Concen: 47.349 ng m
RT: 8.575 min Scan# 1105
Delta R.T. -0.018 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

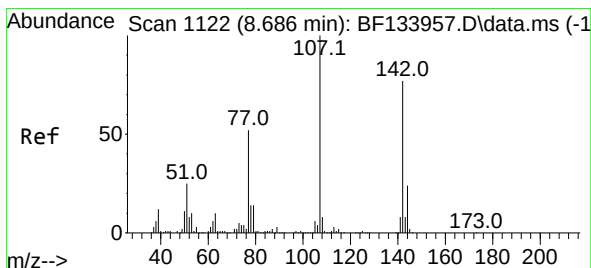
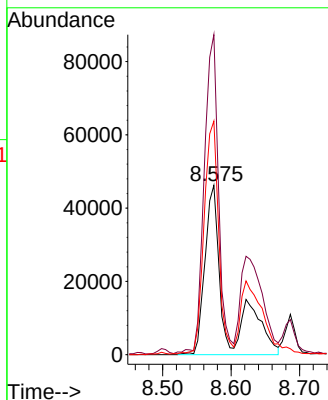
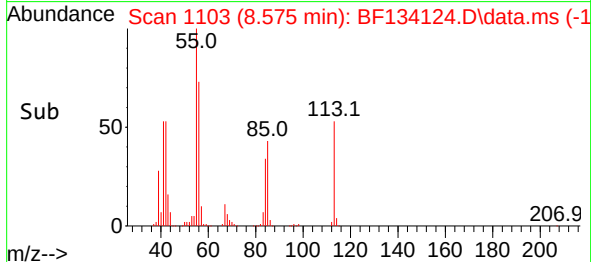
Instrument :
BNA_F
ClientSampleId :
TB-TP1MS



Tgt Ion:113 Resp: 96414
Ion Ratio Lower Upper
113 100
55 189.0 170.2 210.2
56 138.0 121.4 161.4

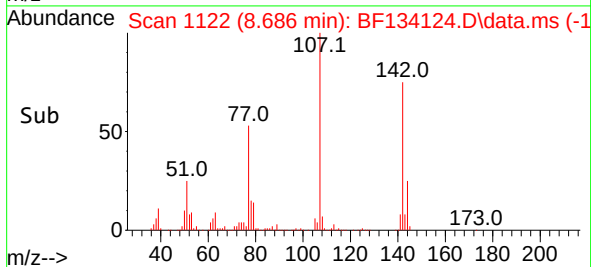
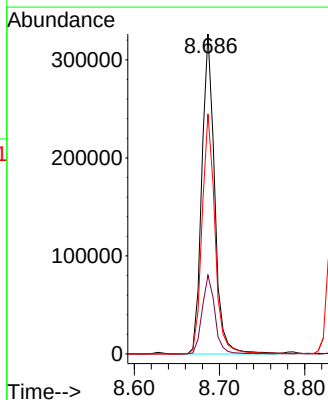
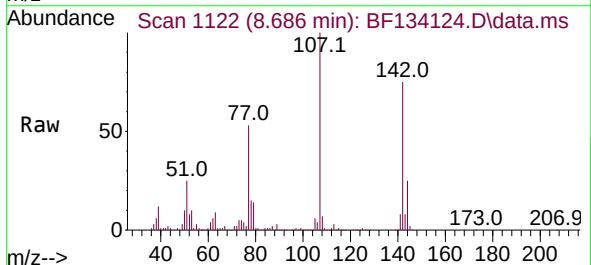
Manual Integrations
APPROVED

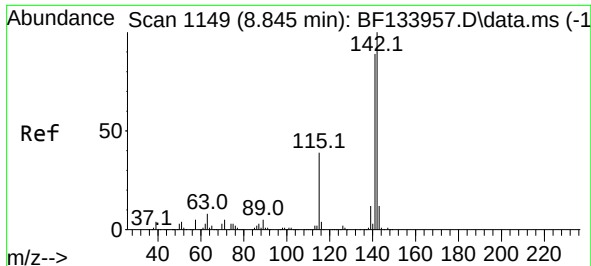
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#36
4-Chloro-3-methylphenol
Concen: 49.037 ng
RT: 8.686 min Scan# 1122
Delta R.T. -0.000 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

Tgt Ion:107 Resp: 340682
Ion Ratio Lower Upper
107 100
144 24.6 19.6 29.4
142 75.0 61.4 92.2





#37

2-Methylnaphthalene

Concen: 44.335 ng

RT: 8.839 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BF134124.D

Acq: 07 Jul 2023 07:26

Instrument :

BNA_F

ClientSampleId :

TB-TP1MS

Tgt Ion:142 Resp: 66347

Ion Ratio Lower Upper

142 100

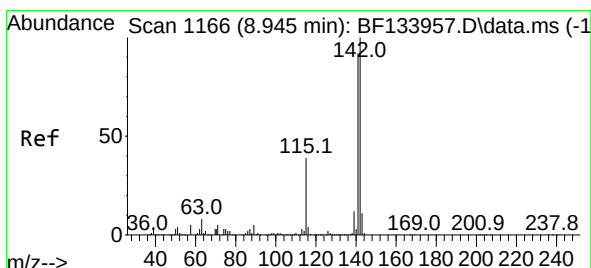
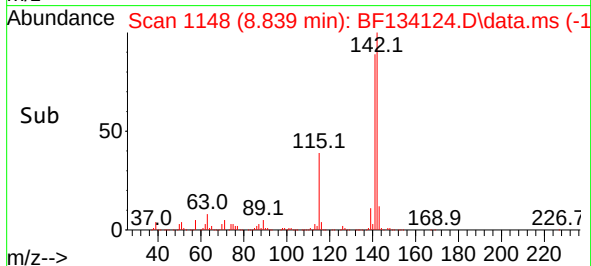
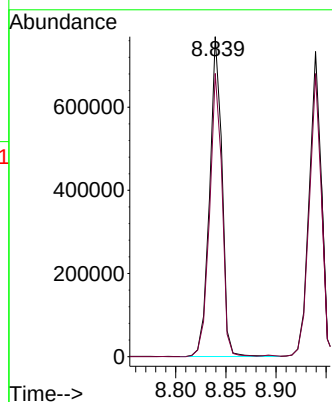
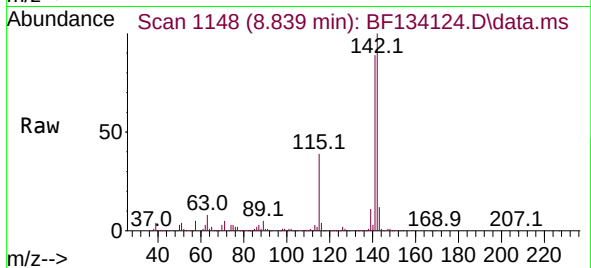
141 88.5 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#38

1-Methylnaphthalene

Concen: 44.245 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF134124.D

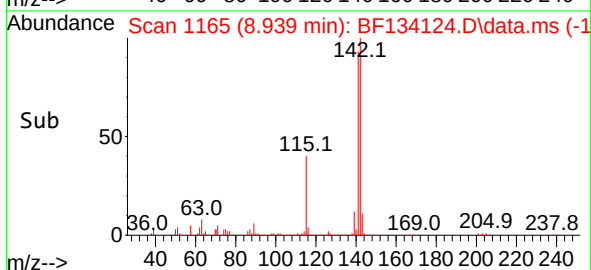
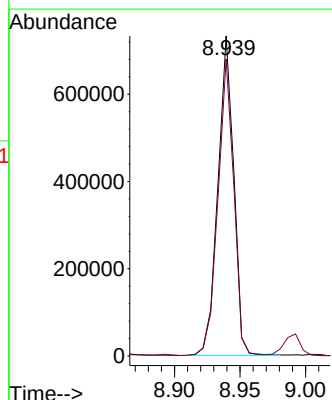
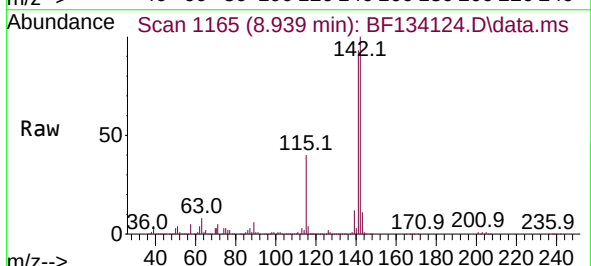
Acq: 07 Jul 2023 07:26

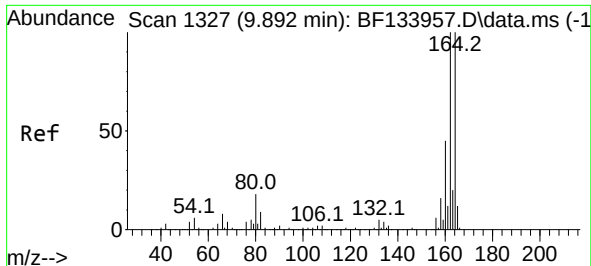
Tgt Ion:142 Resp: 615537

Ion Ratio Lower Upper

142 100

141 92.8 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134124.D

Acq: 07 Jul 2023 07:26

Instrument :

BNA_F

ClientSampleId :

TB-TP1MS

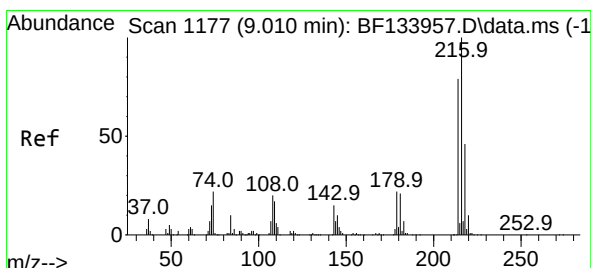
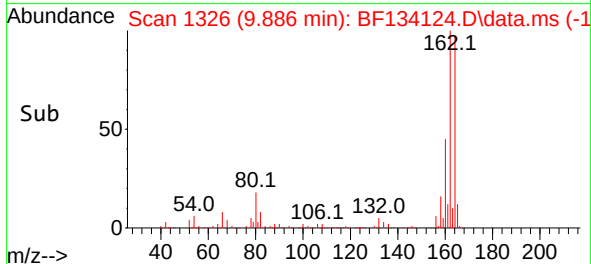
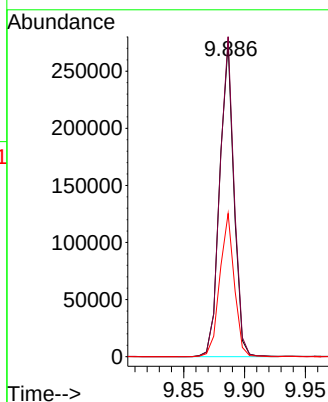
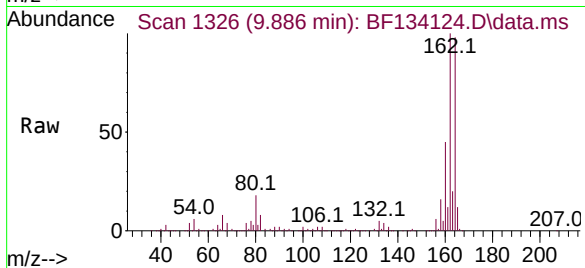
Tgt Ion:164 Resp: 223448
 Ion Ratio Lower Upper
 164 100
 162 102.4 80.0 120.0
 160 45.8 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.565 ng

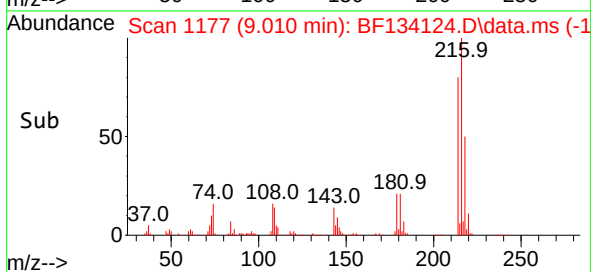
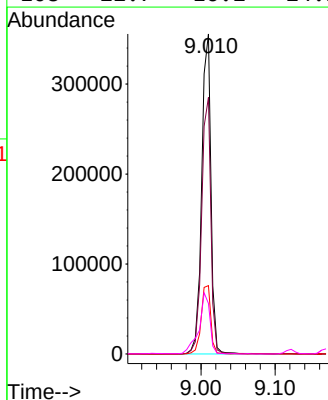
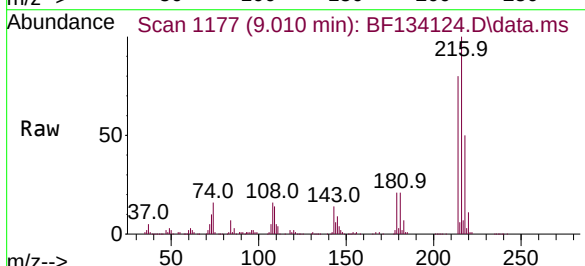
RT: 9.010 min Scan# 1177

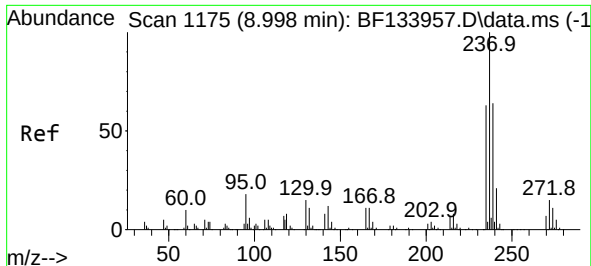
Delta R.T. -0.000 min

Lab File: BF134124.D

Acq: 07 Jul 2023 07:26

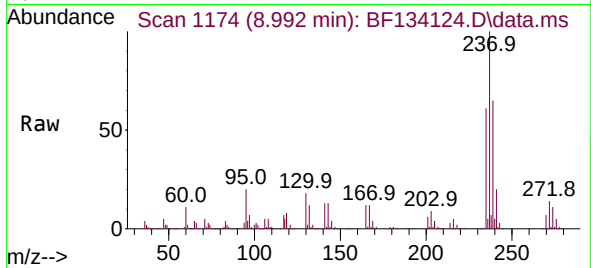
Tgt Ion:216 Resp: 308263
 Ion Ratio Lower Upper
 216 100
 214 80.2 64.1 96.1
 179 22.2 17.3 25.9
 108 22.7 16.2 24.2





#41
Hexachlorocyclopentadiene
Concen: 104.639 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

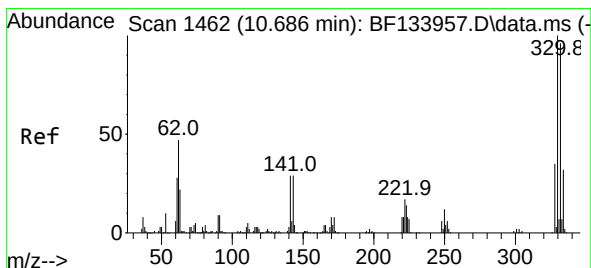
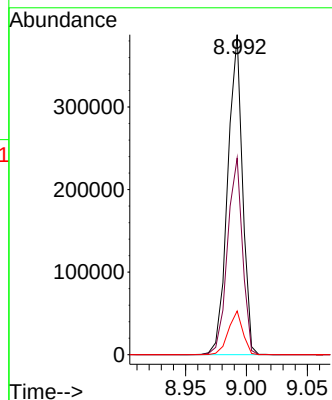
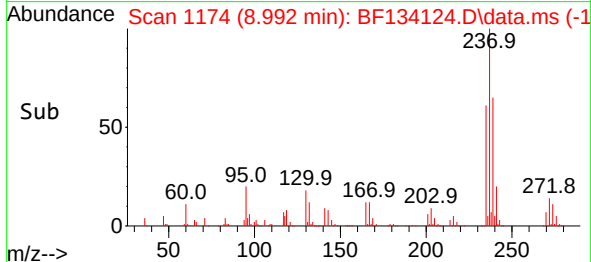
Instrument :
BNA_F
ClientSampleId :
TB-TP1MS



Tgt Ion:237 Resp: 328638
Ion Ratio Lower Upper
237 100
235 61.5 42.8 82.8
272 13.7 0.0 34.6

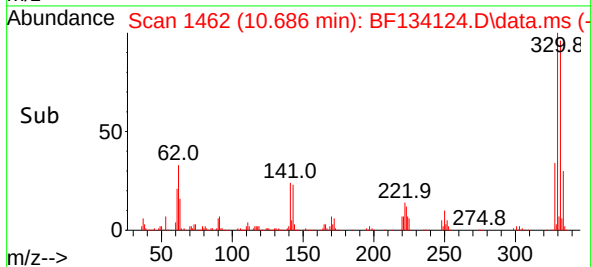
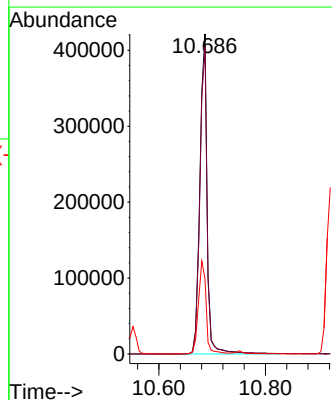
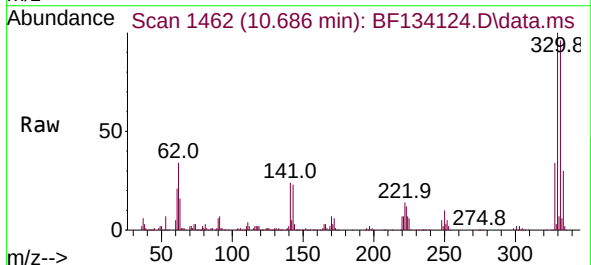
Manual Integrations
APPROVED

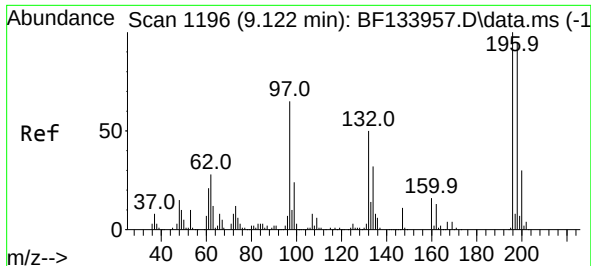
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#42
2,4,6-Tribromophenol
Concen: 142.566 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

Tgt Ion:330 Resp: 399412
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 30.9 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 48.117 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF134124.D

Acq: 07 Jul 2023 07:26

Instrument :

BNA_F

ClientSampleId :

TB-TP1MS

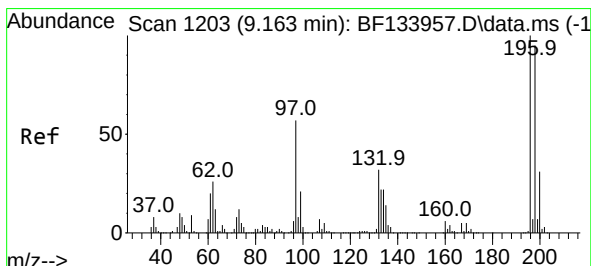
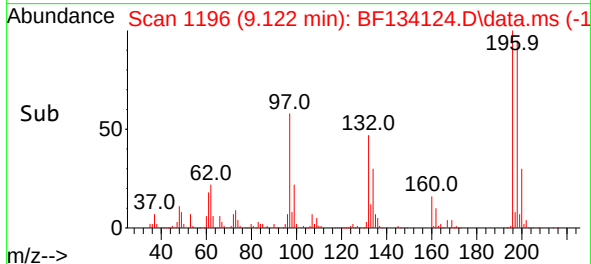
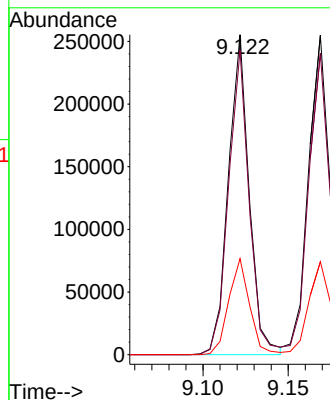
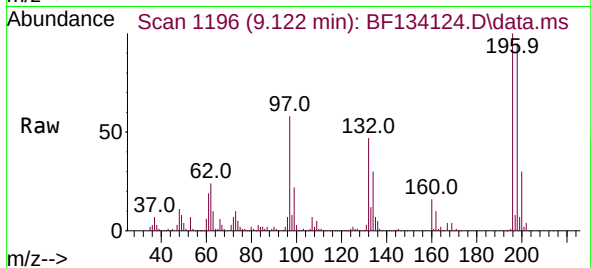
Tgt Ion:196 Resp: 216838
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.6 113.4
 200 30.0 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#44

2,4,5-Trichlorophenol

Concen: 45.295 ng

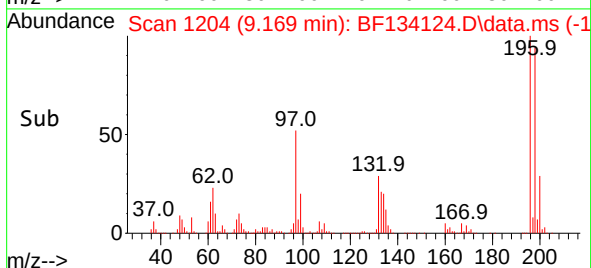
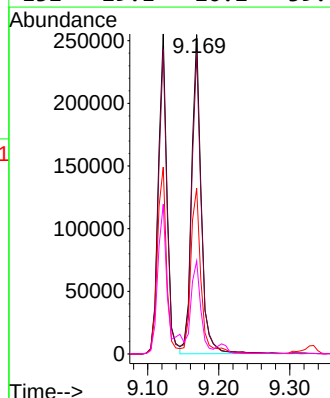
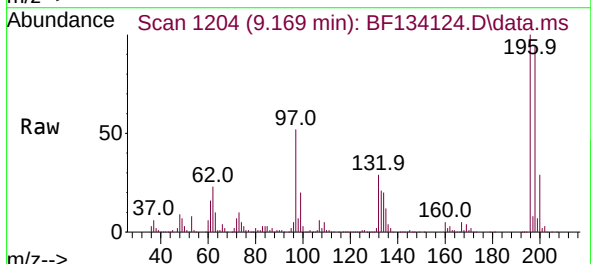
RT: 9.169 min Scan# 1204

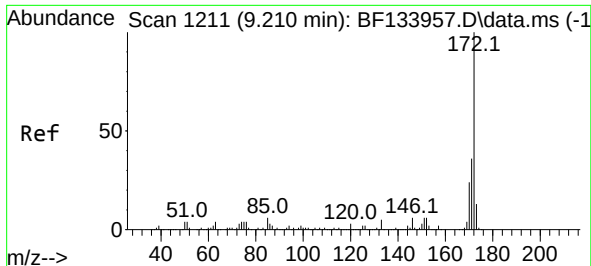
Delta R.T. -0.000 min

Lab File: BF134124.D

Acq: 07 Jul 2023 07:26

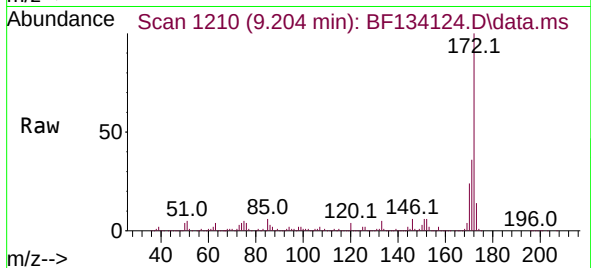
Tgt Ion:196 Resp: 240104
 Ion Ratio Lower Upper
 196 100
 198 94.3 75.7 113.5
 97 51.9 45.8 68.6
 132 29.1 26.2 39.4





#45
2-Fluorobiphenyl
Concen: 90.845 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

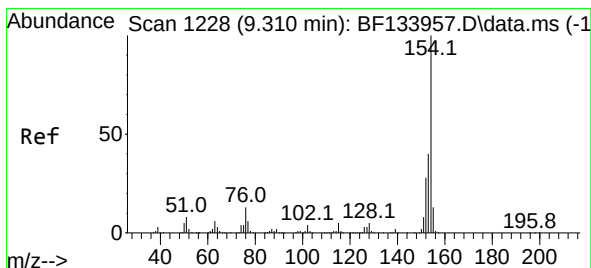
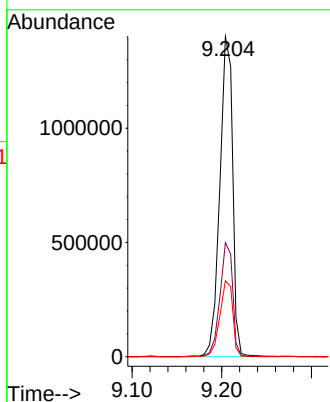
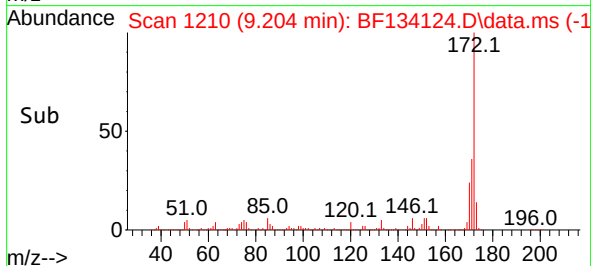
Instrument :
BNA_F
ClientSampleId :
TB-TP1MS



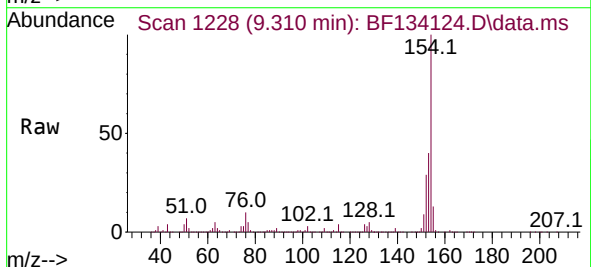
Tgt Ion:172 Resp: 1396185
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.7 19.4 29.0

Manual Integrations
APPROVED

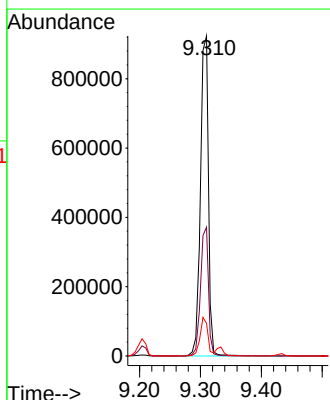
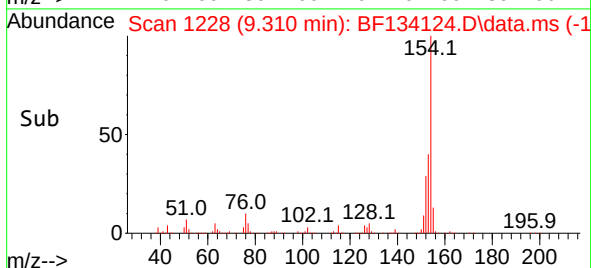
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

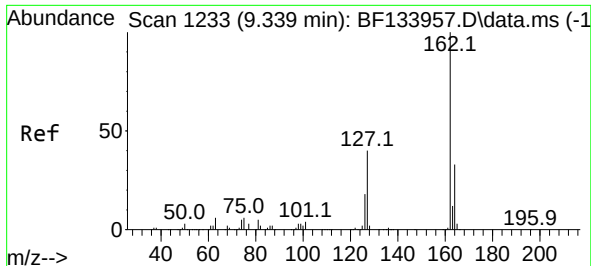


#46
1,1'-Biphenyl
Concen: 46.674 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26



Tgt Ion:154 Resp: 836589
Ion Ratio Lower Upper
154 100
153 40.2 19.8 59.8
76 10.2 0.0 32.9





#47

2-Chloronaphthalene

Concen: 47.117 ng

RT: 9.334 min Scan# 1232

Delta R.T. -0.006 min

Lab File: BF134124.D

Acq: 07 Jul 2023 07:26

Instrument :

BNA_F

ClientSampleId :

TB-TP1MS

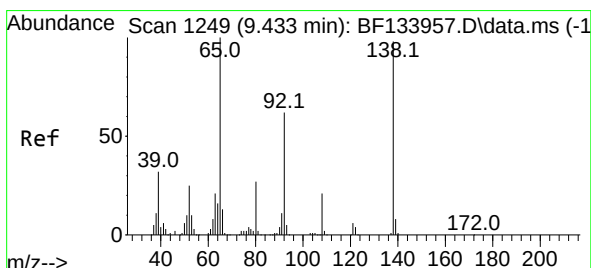
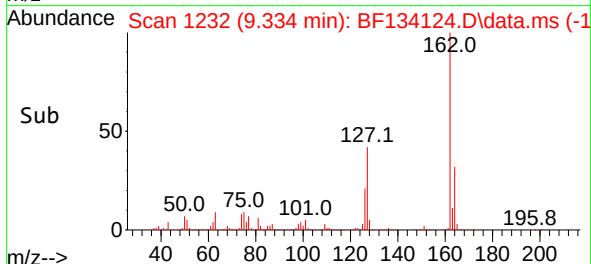
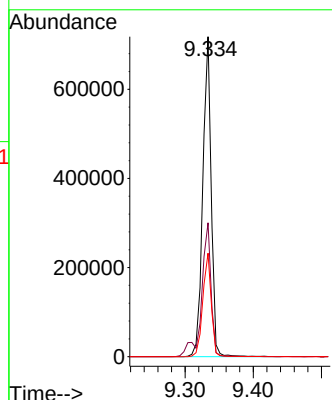
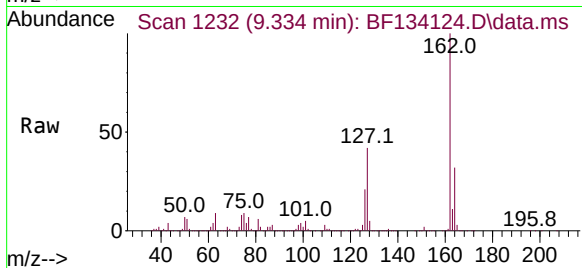
Tgt Ion:162 Resp: 617920
 Ion Ratio Lower Upper
 162 100
 127 41.9 32.9 49.3
 164 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#48

2-Nitroaniline

Concen: 48.119 ng

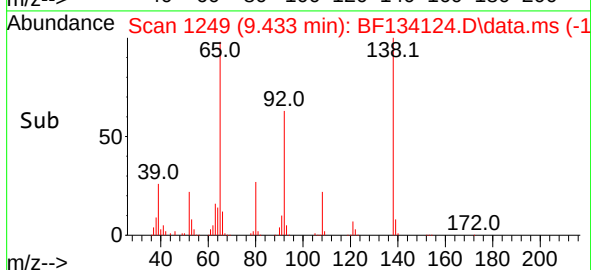
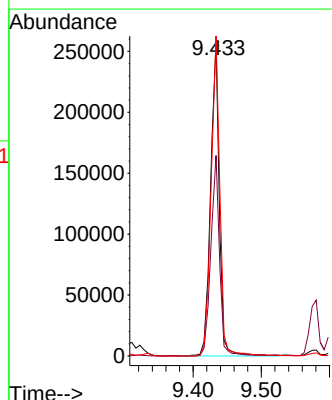
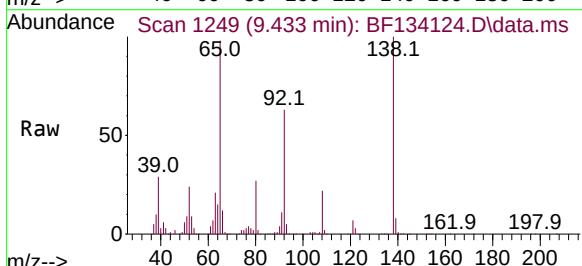
RT: 9.433 min Scan# 1249

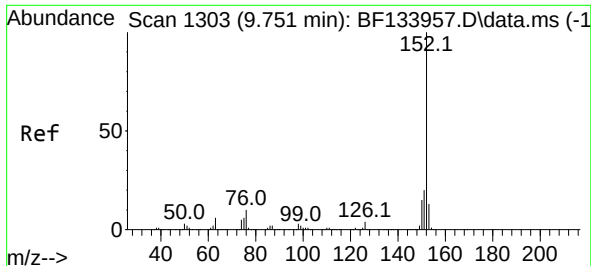
Delta R.T. -0.006 min

Lab File: BF134124.D

Acq: 07 Jul 2023 07:26

Tgt Ion: 65 Resp: 229988
 Ion Ratio Lower Upper
 65 100
 92 63.8 49.5 74.3
 138 101.9 78.0 117.0





#49

Acenaphthylene

Concen: 45.988 ng

RT: 9.751 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134124.D

Acq: 07 Jul 2023 07:26

Instrument :

BNA_F

ClientSampleId :

TB-TP1MS

Tgt Ion:152 Resp: 103026

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.2

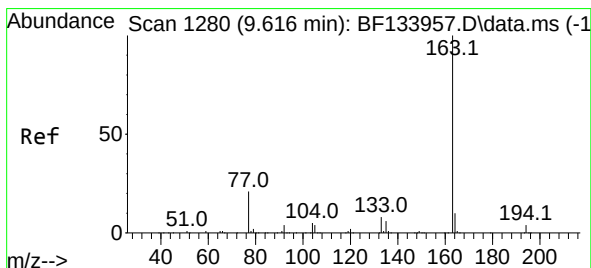
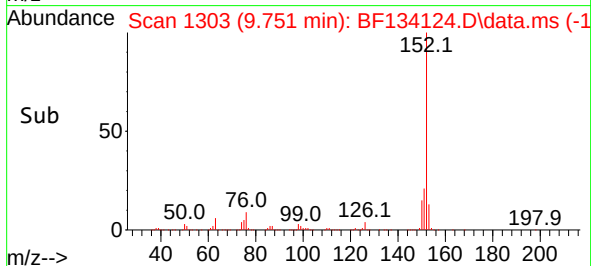
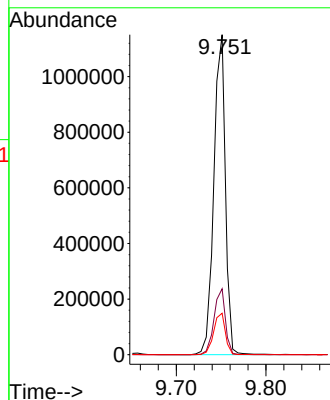
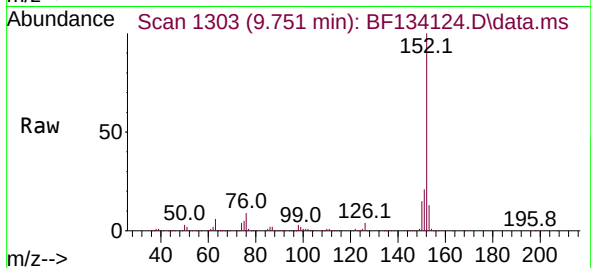
153 13.0 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#50

Dimethylphthalate

Concen: 48.224 ng

RT: 9.610 min Scan# 1279

Delta R.T. -0.006 min

Lab File: BF134124.D

Acq: 07 Jul 2023 07:26

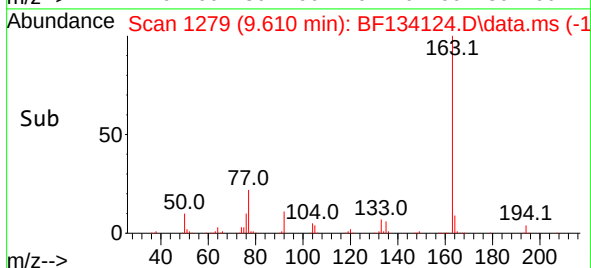
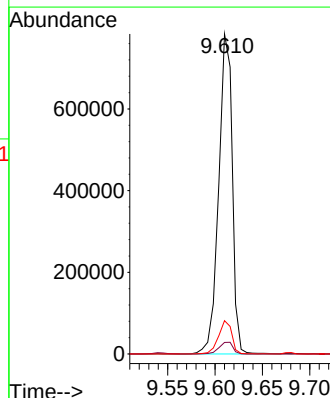
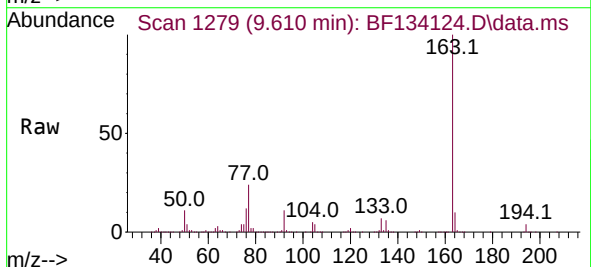
Tgt Ion:163 Resp: 782207

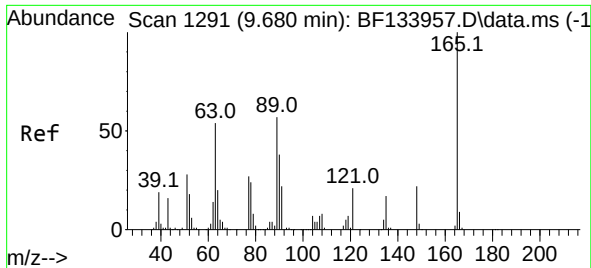
Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

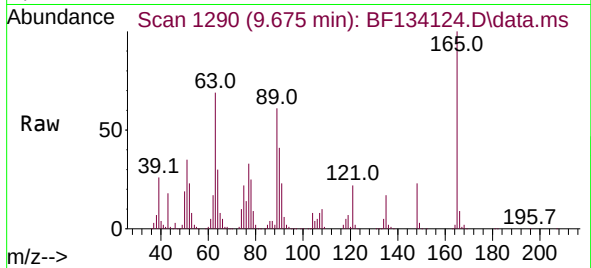
164 10.4 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 49.831 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

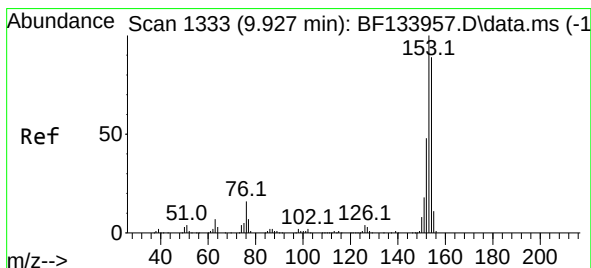
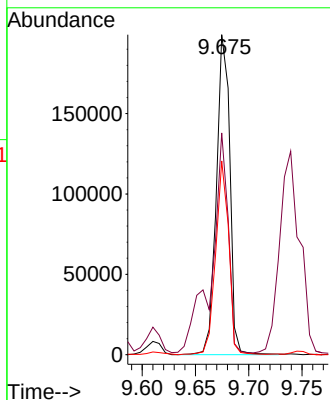
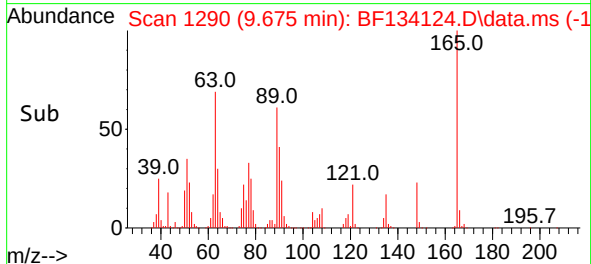
Instrument :
BNA_F
ClientSampleId :
TB-TP1MS



Tgt Ion:165 Resp: 174088
Ion Ratio Lower Upper
165 100
63 69.3 48.5 72.7
89 60.5 45.5 68.3

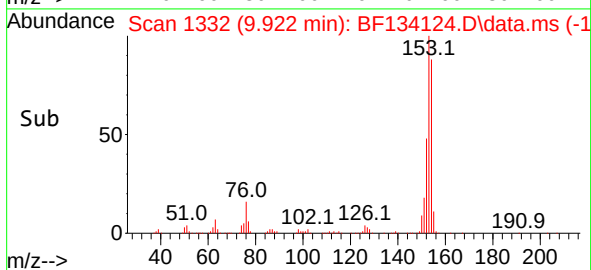
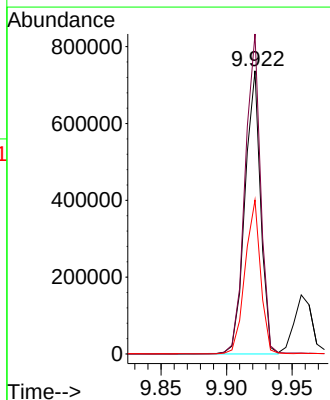
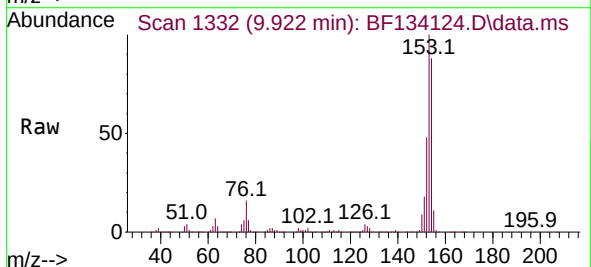
Manual Integrations
APPROVED

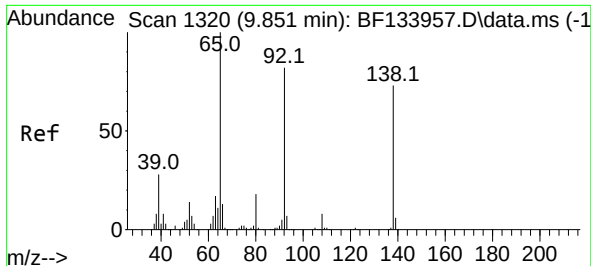
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#52
Acenaphthene
Concen: 47.283 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

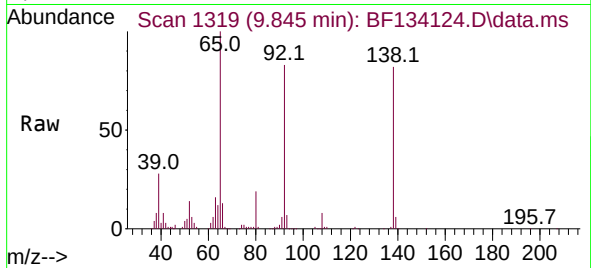
Tgt Ion:154 Resp: 614649
Ion Ratio Lower Upper
154 100
153 113.0 89.4 134.2
152 54.4 42.8 64.2





#53
3-Nitroaniline
Concen: 18.010 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

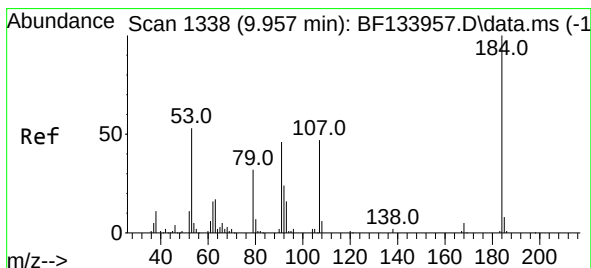
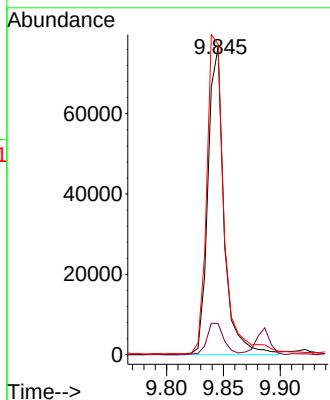
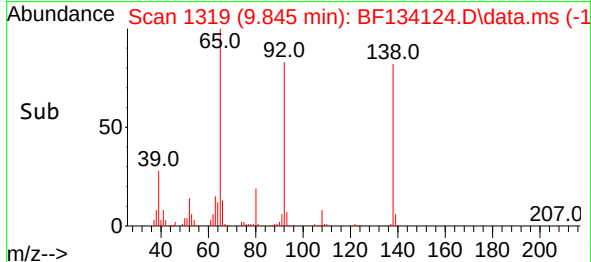
Instrument :
BNA_F
ClientSampleId :
TB-TP1MS



Tgt Ion:138 Resp: 75480
Ion Ratio Lower Upper
138 100
108 10.2 8.4 12.6
92 101.2 90.1 135.1

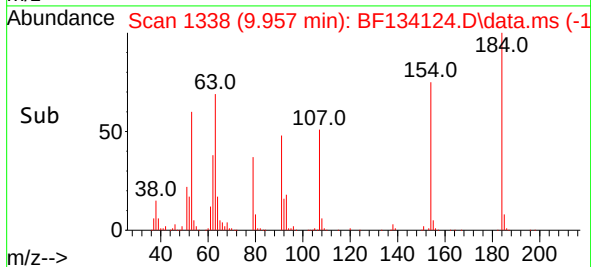
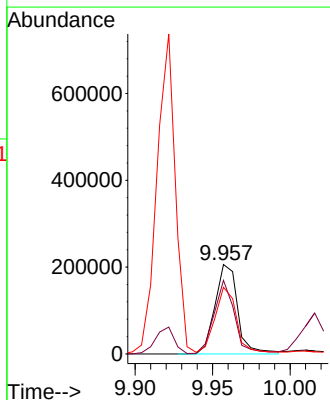
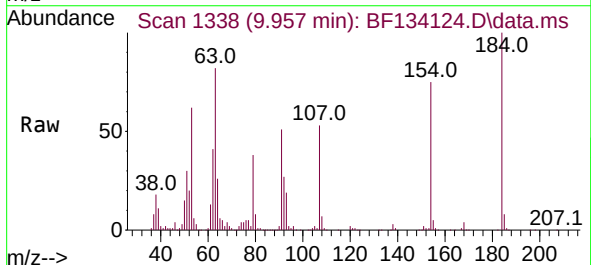
Manual Integrations
APPROVED

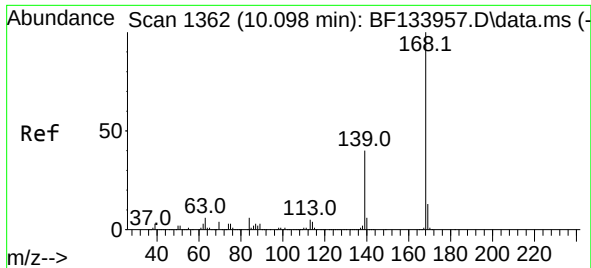
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#54
2,4-Dinitrophenol
Concen: 102.813 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

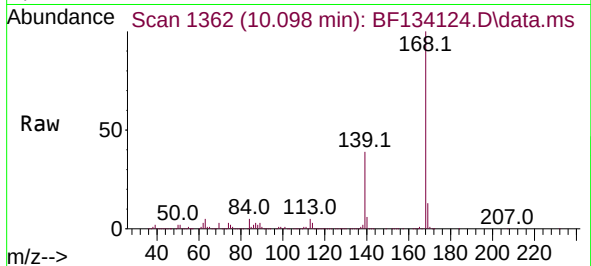
Tgt Ion:184 Resp: 209766
Ion Ratio Lower Upper
184 100
63 82.3 56.9 85.3
154 74.7 55.4 83.0





#55
Dibenzofuran
Concen: 45.773 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

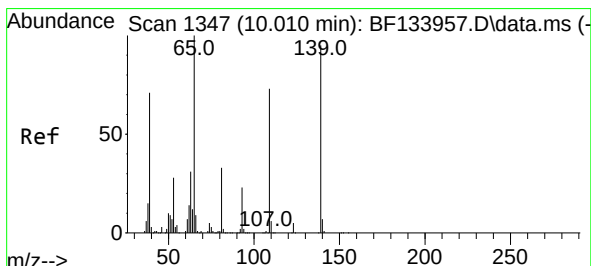
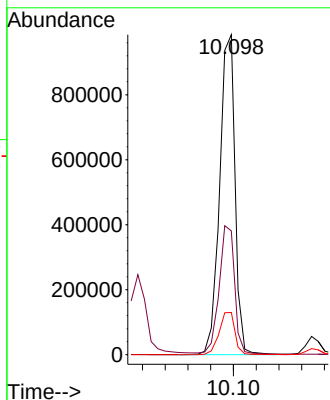
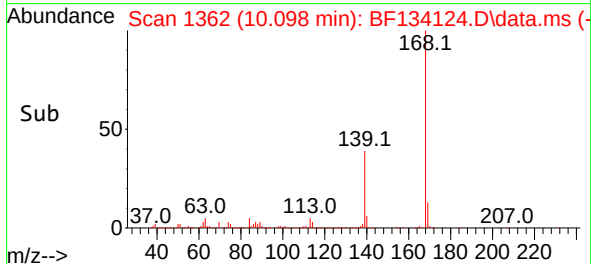
Instrument :
BNA_F
ClientSampleId :
TB-TP1MS



Tgt Ion:168 Resp: 929920
Ion Ratio Lower Upper
168 100
139 38.7 32.0 48.0
169 13.2 10.6 16.0

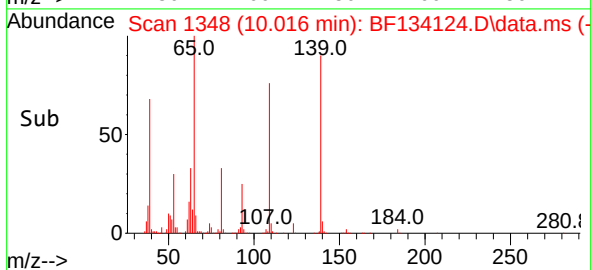
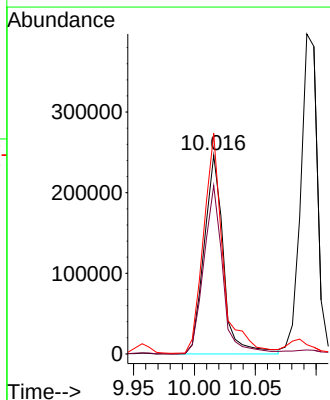
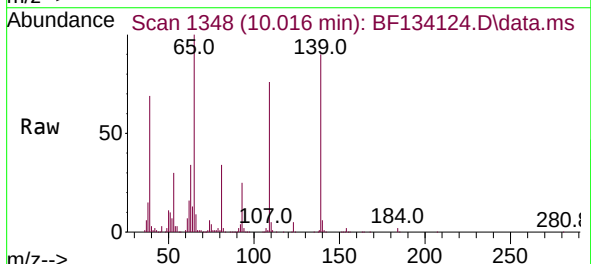
Manual Integrations
APPROVED

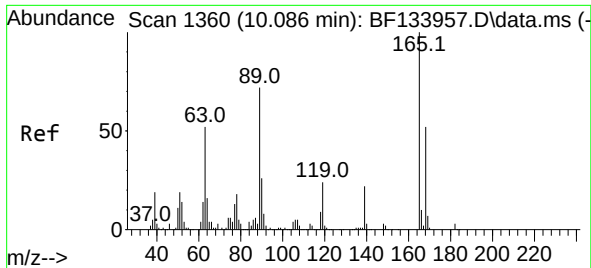
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#56
4-Nitrophenol
Concen: 92.828 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

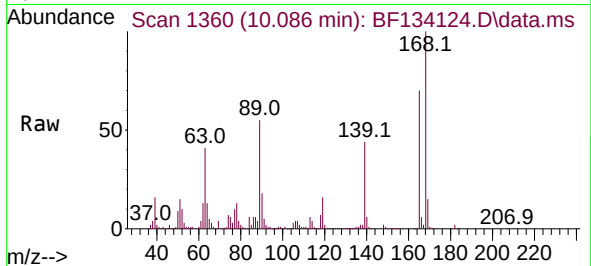
Tgt Ion:139 Resp: 272138
Ion Ratio Lower Upper
139 100
109 84.7 56.8 96.8
65 111.1 86.1 126.1





#57
2,4-Dinitrotoluene
Concen: 48.463 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

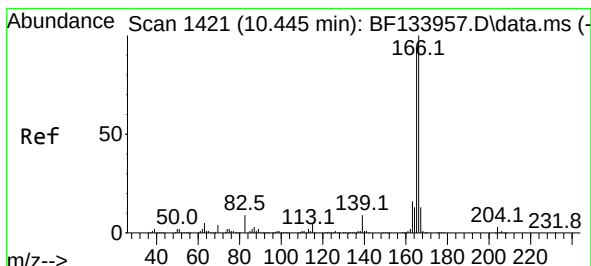
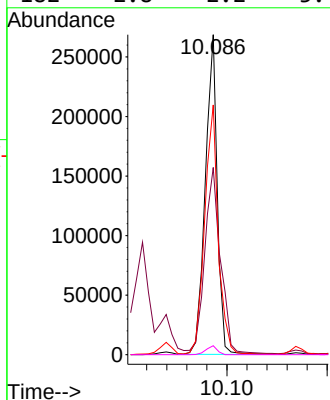
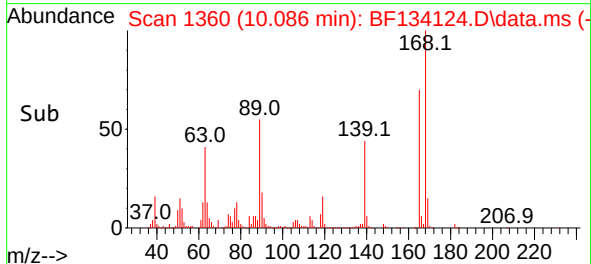
Instrument :
BNA_F
ClientSampleId :
TB-TP1MS



Tgt Ion:165 Resp: 22359
Ion Ratio Lower Upper
165 100
63 58.5 42.2 63.2
89 78.0 57.4 86.2
182 2.8 2.2 3.4

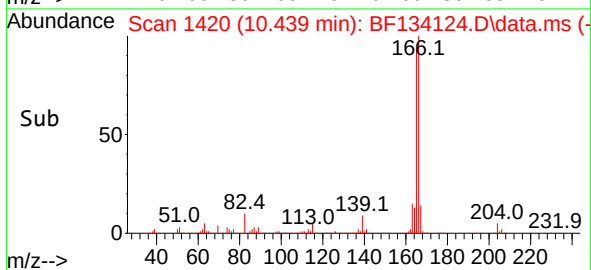
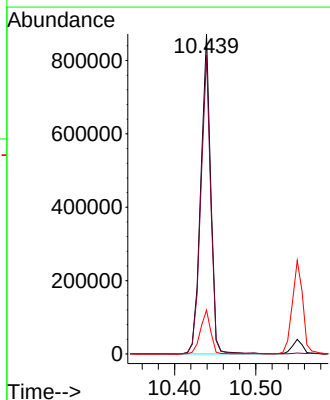
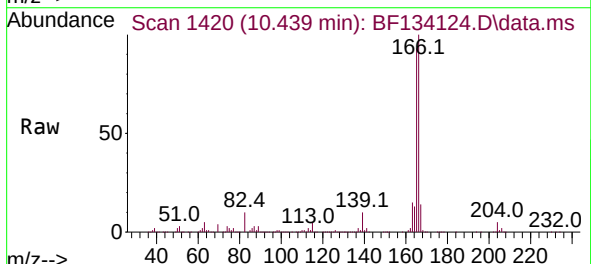
Manual Integrations
APPROVED

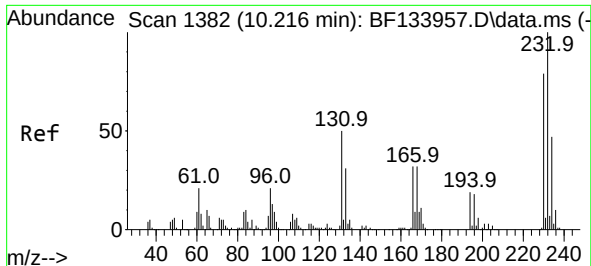
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#58
Fluorene
Concen: 46.818 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

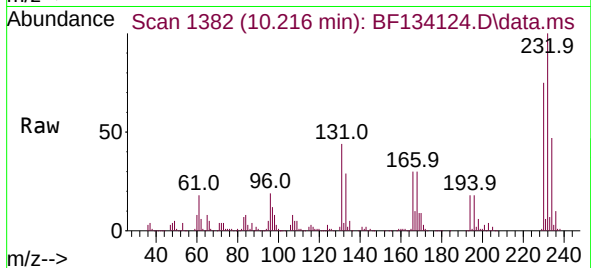
Tgt Ion:166 Resp: 739993
Ion Ratio Lower Upper
166 100
165 93.4 75.0 112.4
167 13.7 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.649 ng
RT: 10.216 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

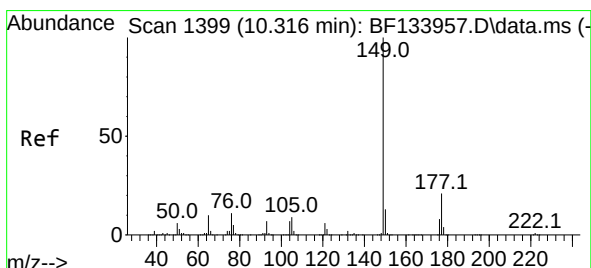
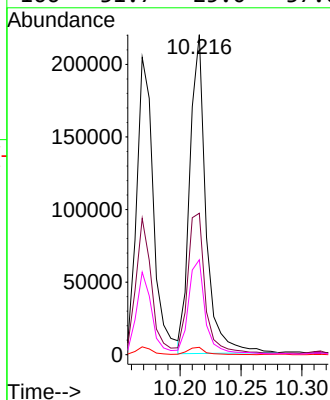
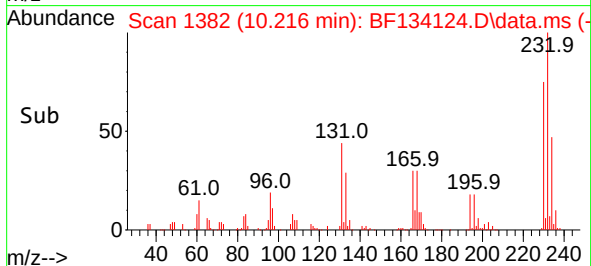
Instrument :
BNA_F
ClientSampleId :
TB-TP1MS



Tgt Ion:232 Resp: 20341
Ion Ratio Lower Upper
232 100
131 48.3 39.3 58.9
130 2.6 1.8 2.6
166 31.7 25.0 37.6

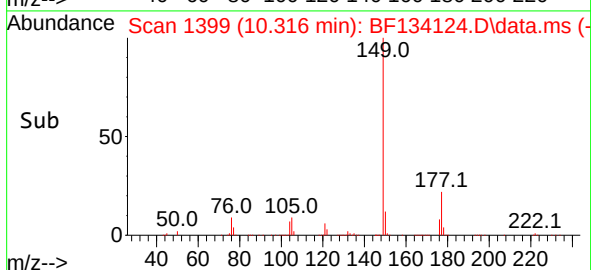
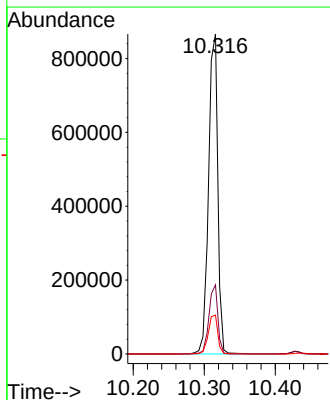
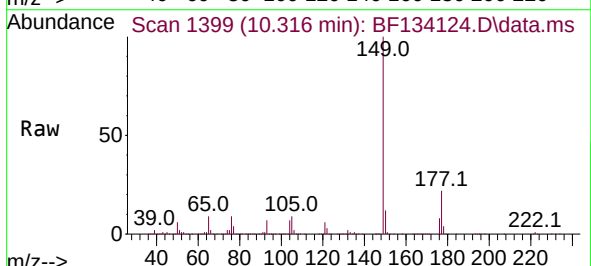
Manual Integrations
APPROVED

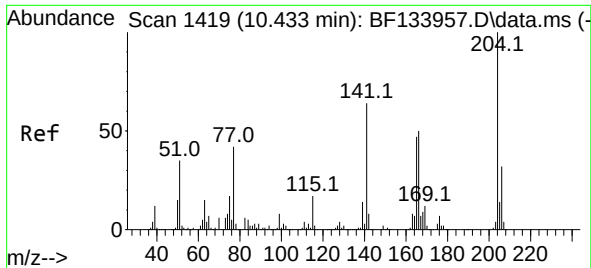
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#60
Diethylphthalate
Concen: 46.569 ng
RT: 10.316 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

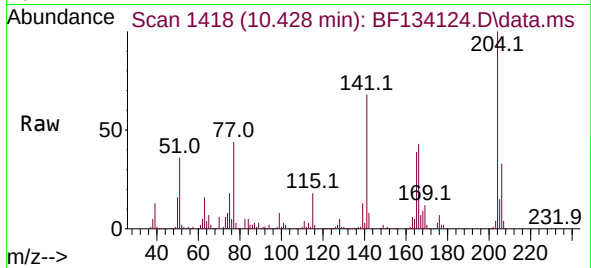
Tgt Ion:149 Resp: 786972
Ion Ratio Lower Upper
149 100
177 21.6 17.0 25.6
150 12.1 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 46.338 ng
RT: 10.428 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

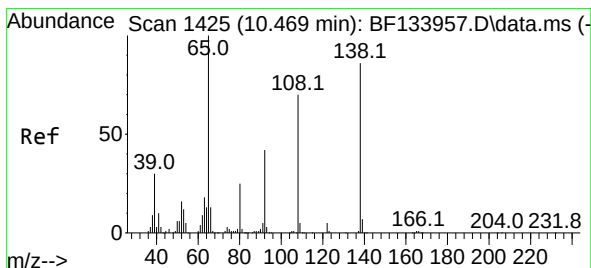
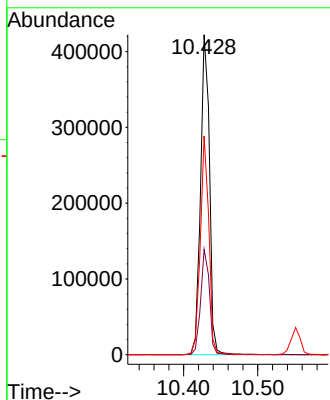
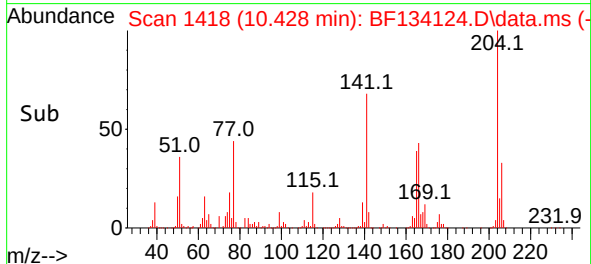
Instrument :
BNA_F
ClientSampleId :
TB-TP1MS



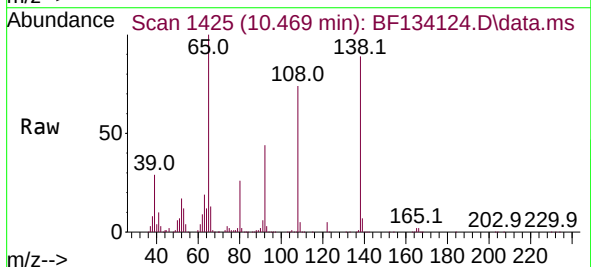
Tgt Ion:204 Resp: 352952
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.6
141 68.4 51.5 77.3

Manual Integrations
APPROVED

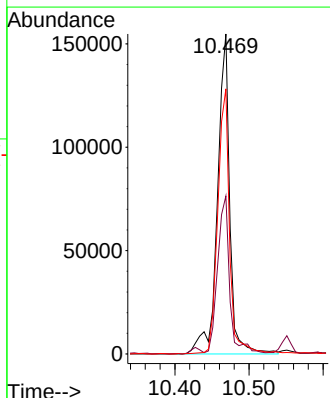
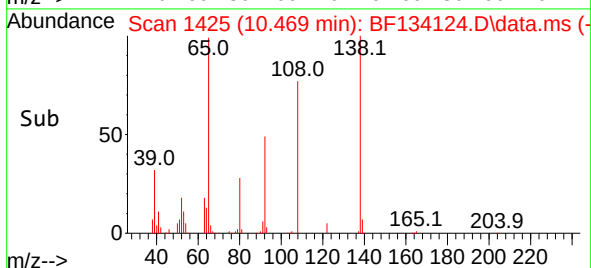
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

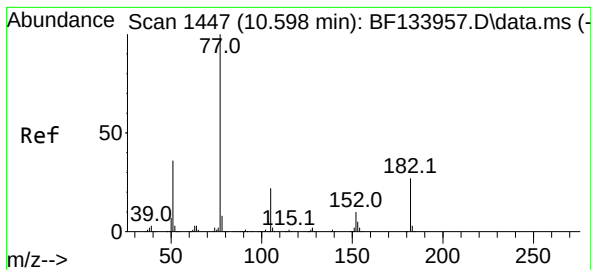


#62
4-Nitroaniline
Concen: 42.362 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26



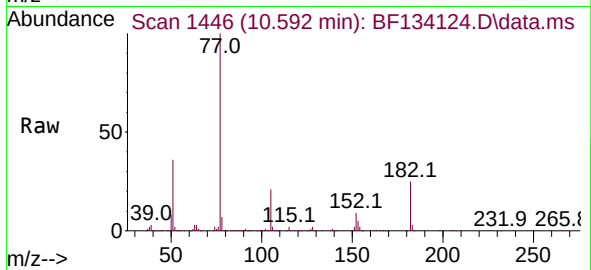
Tgt Ion:138 Resp: 178926
Ion Ratio Lower Upper
138 100
92 49.3 29.7 69.7
108 82.9 62.1 102.1





#63
Azobenzene
Concen: 45.778 ng
RT: 10.592 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

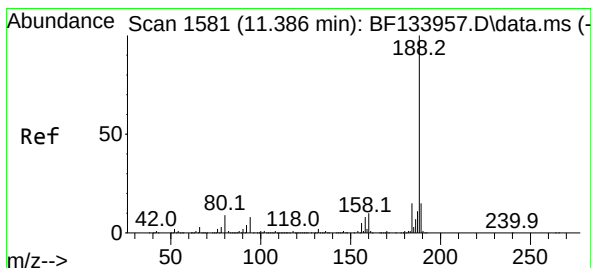
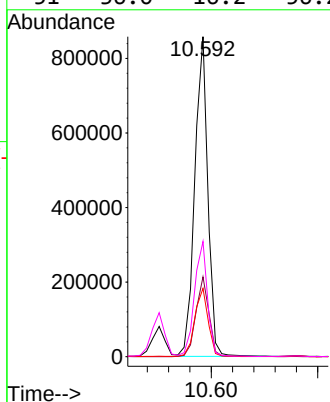
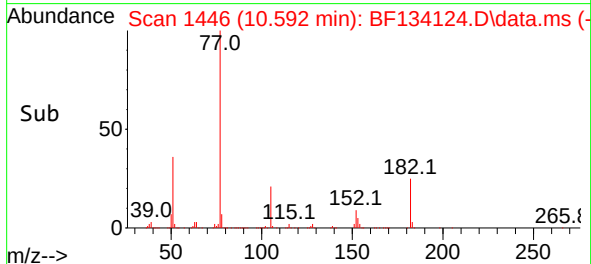
Instrument :
BNA_F
ClientSampleId :
TB-TP1MS



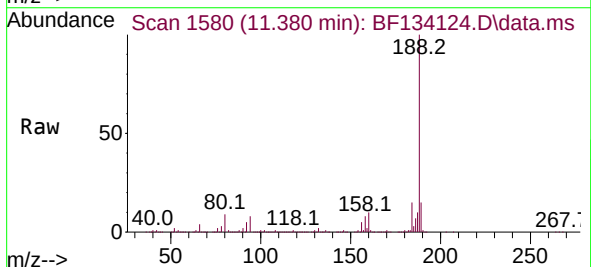
Tgt Ion: 77 Resp: 731760
Ion Ratio Lower Upper
77 100
182 24.9 6.8 46.8
105 21.4 2.3 42.3
51 36.0 16.2 56.2

Manual Integrations
APPROVED

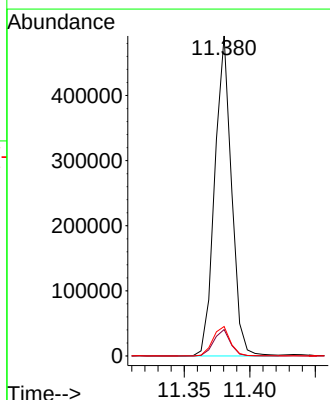
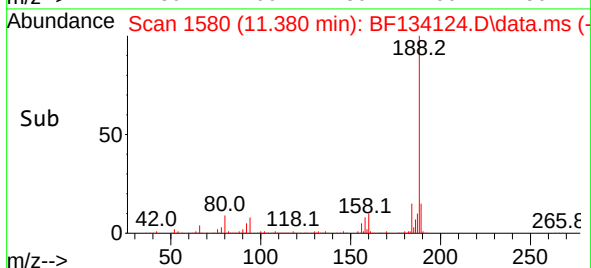
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

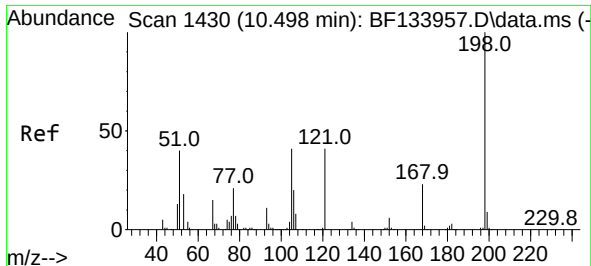


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26



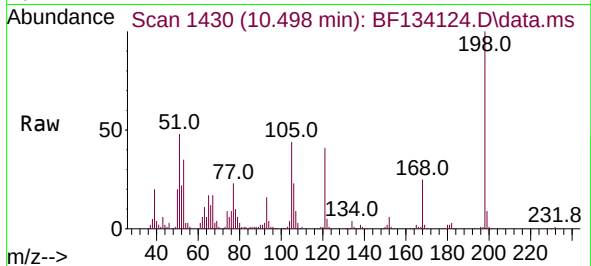
Tgt Ion:188 Resp: 436859
Ion Ratio Lower Upper
188 100
94 8.3 6.4 9.6
80 9.2 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 55.203 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

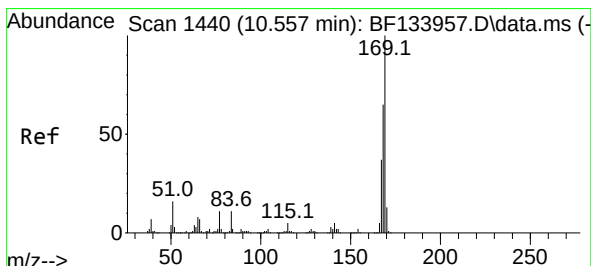
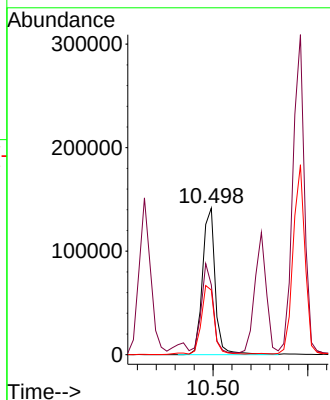
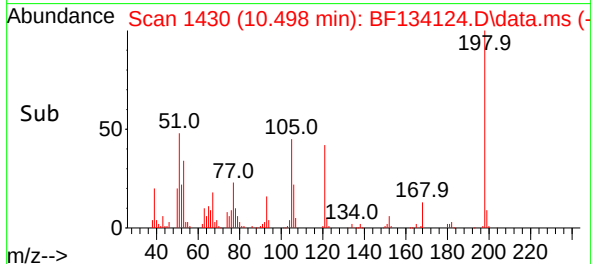
Instrument :
BNA_F
ClientSampleId :
TB-TP1MS



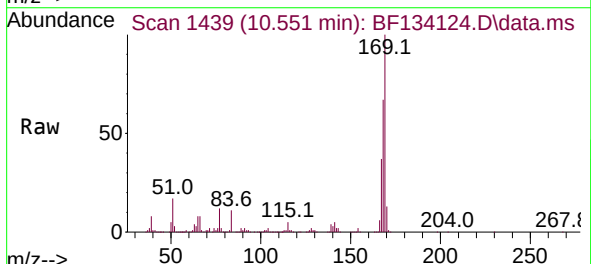
Tgt Ion:198 Resp: 131478
Ion Ratio Lower Upper
198 100
51 47.7 29.3 69.3
105 44.2 22.4 62.4

Manual Integrations
APPROVED

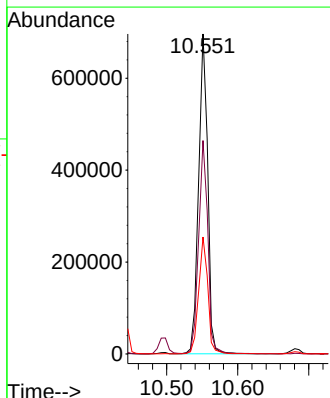
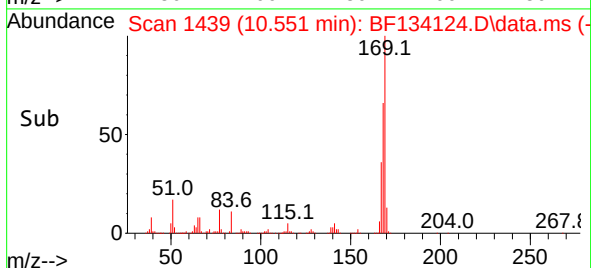
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

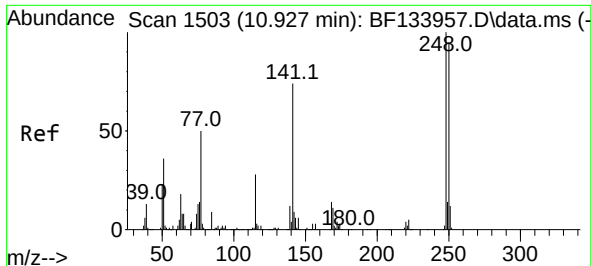


#66
n-Nitrosodiphenylamine
Concen: 44.593 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26



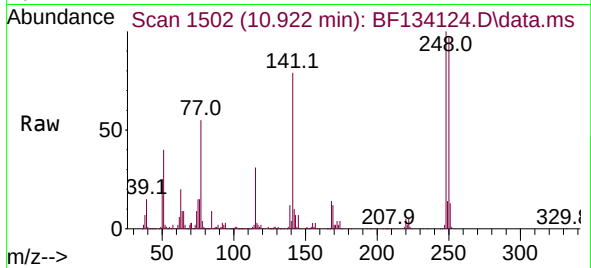
Tgt Ion:169 Resp: 622426
Ion Ratio Lower Upper
169 100
168 66.7 52.3 78.5
167 36.6 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 48.603 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

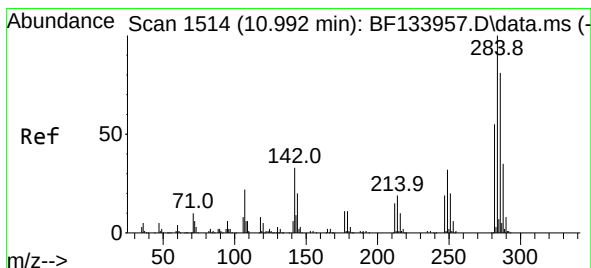
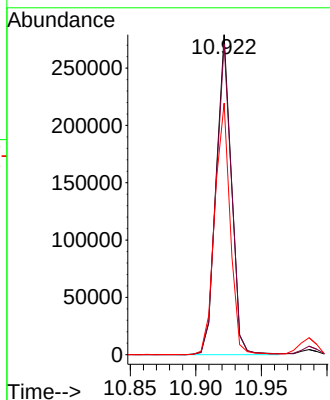
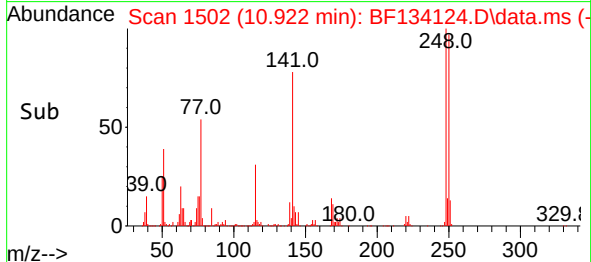
Instrument :
BNA_F
ClientSampleId :
TB-TP1MS



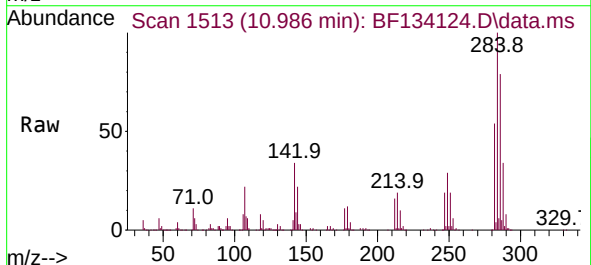
Tgt Ion:248 Resp: 225678
Ion Ratio Lower Upper
248 100
250 97.1 76.2 114.4
141 78.6 59.0 88.4

Manual Integrations
APPROVED

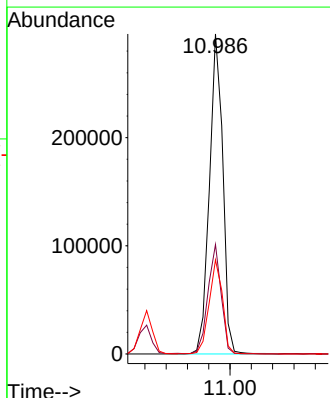
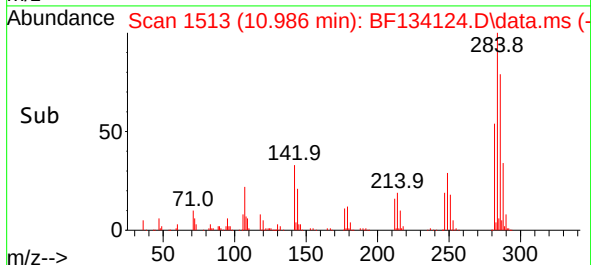
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

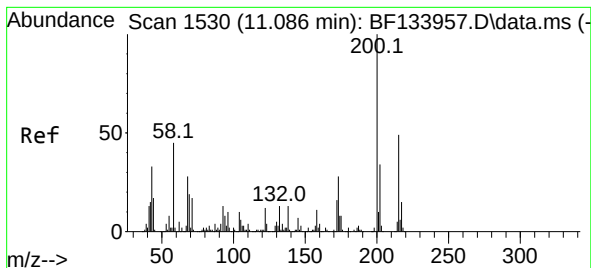


#68
Hexachlorobenzene
Concen: 52.276 ng
RT: 10.986 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26



Tgt Ion:284 Resp: 257723
Ion Ratio Lower Upper
284 100
142 34.2 26.6 40.0
249 29.4 25.5 38.3





#69

Atrazine

Concen: 20.307 ng

RT: 11.075 min Scan# 1528

Delta R.T. -0.012 min

Lab File: BF134124.D

Acq: 07 Jul 2023 07:26

Instrument :

BNA_F

ClientSampleId :

TB-TP1MS

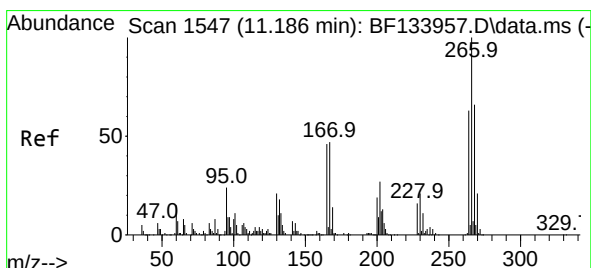
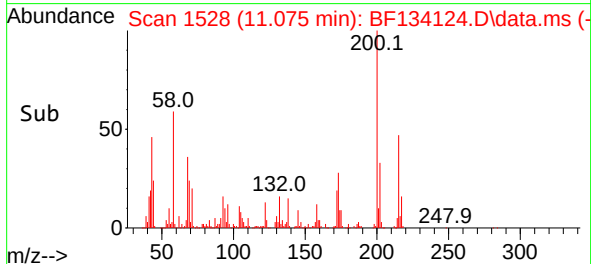
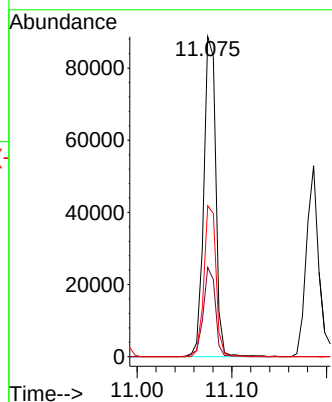
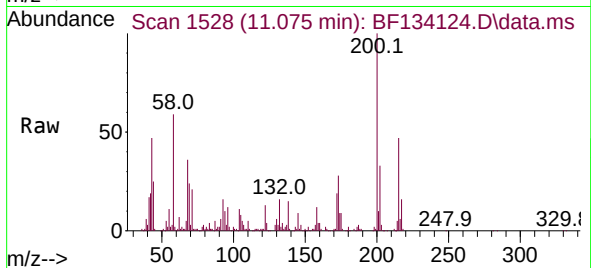
Tgt Ion:200 Resp: 7840
 Ion Ratio Lower Upper
 200 100
 173 27.9 8.0 48.0
 215 47.2 29.3 69.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#70

Pentachlorophenol

Concen: 92.230 ng

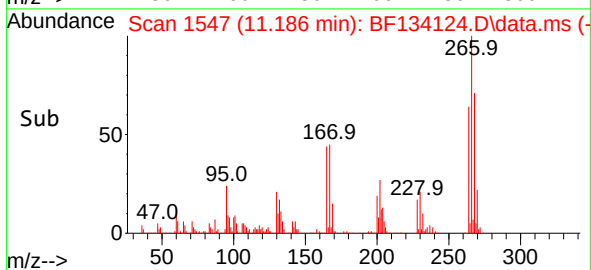
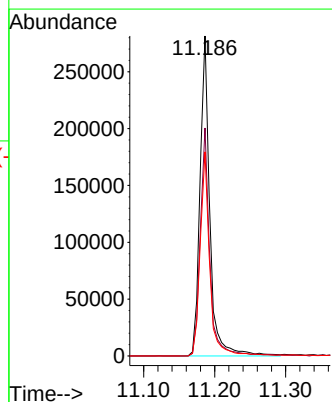
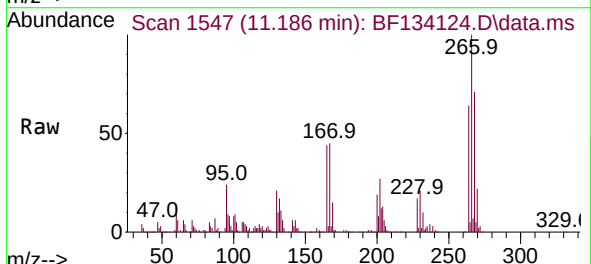
RT: 11.186 min Scan# 1547

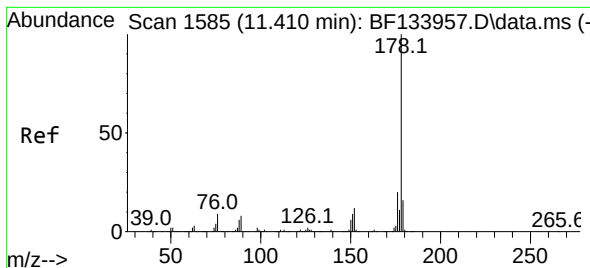
Delta R.T. -0.006 min

Lab File: BF134124.D

Acq: 07 Jul 2023 07:26

Tgt Ion:266 Resp: 271875
 Ion Ratio Lower Upper
 266 100
 268 71.2 52.6 79.0
 264 63.8 50.6 76.0





#71

Phenanthrene

Concen: 48.005 ng

RT: 11.404 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF134124.D

Acq: 07 Jul 2023 07:26

Instrument :

BNA_F

ClientSampleId :

TB-TP1MS

Tgt Ion:178 Resp: 105573

Ion Ratio Lower Upper

178 100

176 20.2 16.0 24.0

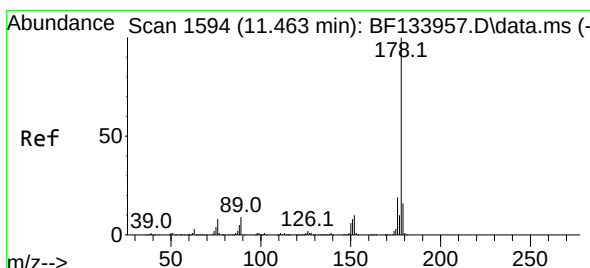
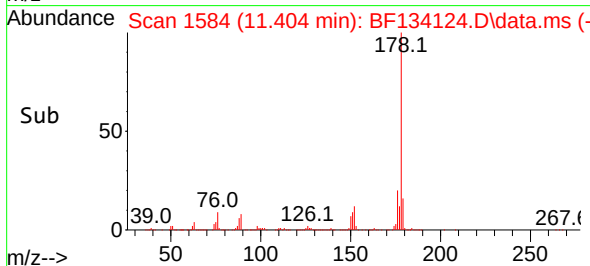
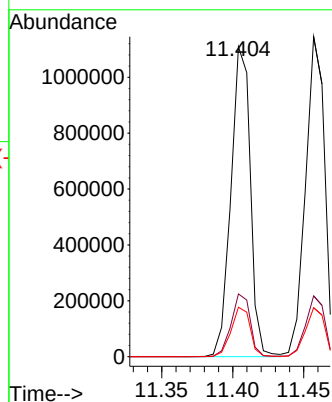
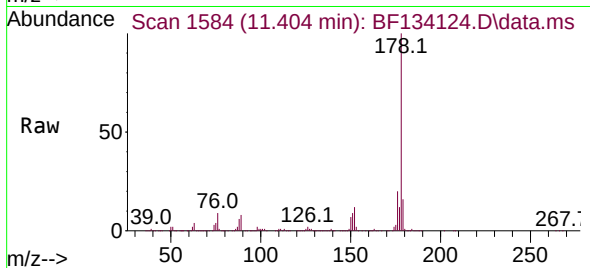
179 15.9 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#72

Anthracene

Concen: 47.561 ng

RT: 11.457 min Scan# 1593

Delta R.T. -0.006 min

Lab File: BF134124.D

Acq: 07 Jul 2023 07:26

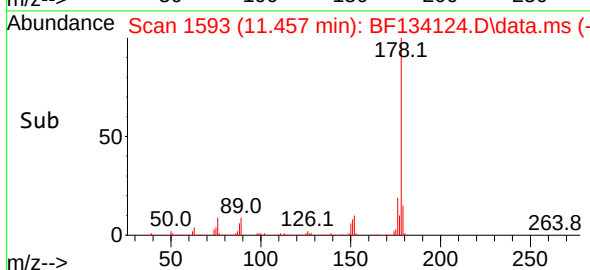
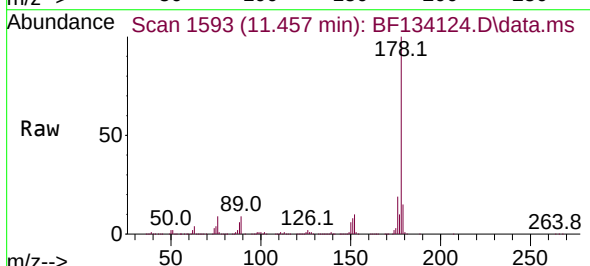
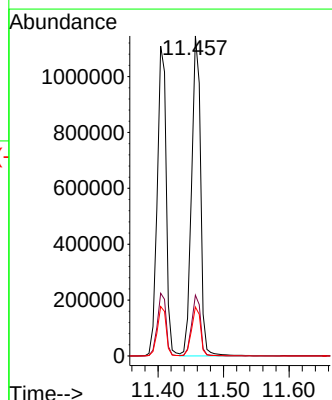
Tgt Ion:178 Resp: 1087925

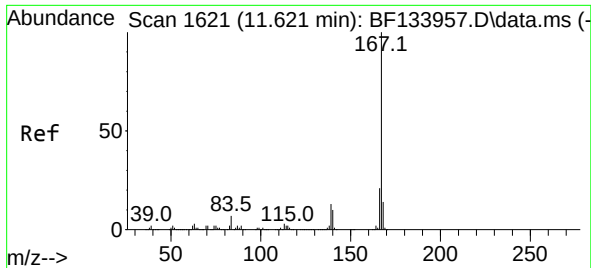
Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

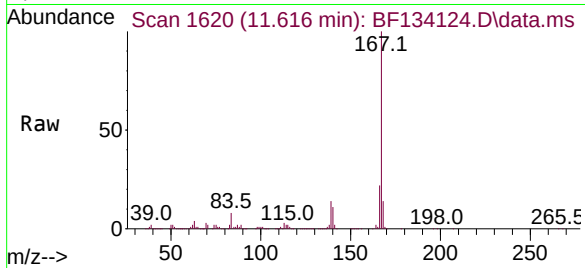
179 15.3 12.4 18.6





#73
 Carbazole
 Concen: 47.987 ng
 RT: 11.616 min Scan# 1620
 Delta R.T. -0.006 min
 Lab File: BF134124.D
 Acq: 07 Jul 2023 07:26

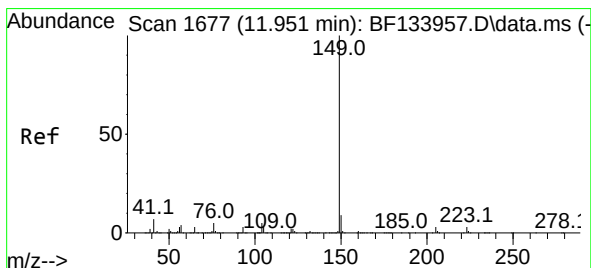
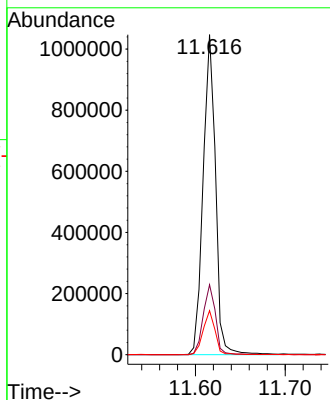
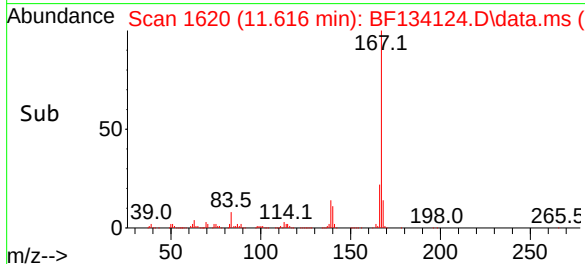
Instrument :
 BNA_F
 ClientSampleId :
 TB-TP1MS



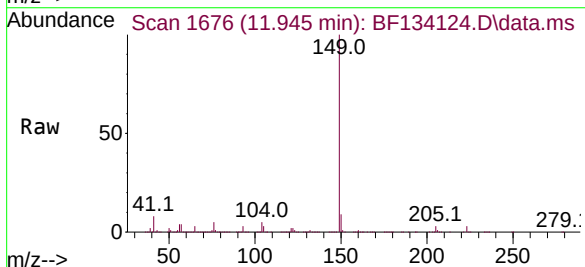
Tgt Ion:167 Resp: 100471
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.0 25.6
 139 13.7 10.4 15.6

Manual Integrations
 APPROVED

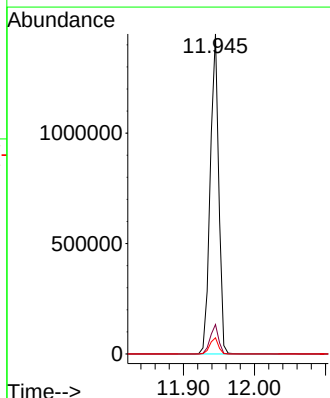
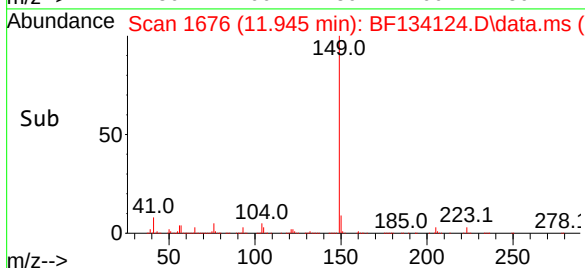
Reviewed By :Yogesh Patel 07/07/2023
 Supervised By :mohammad ahmed 07/07/2023

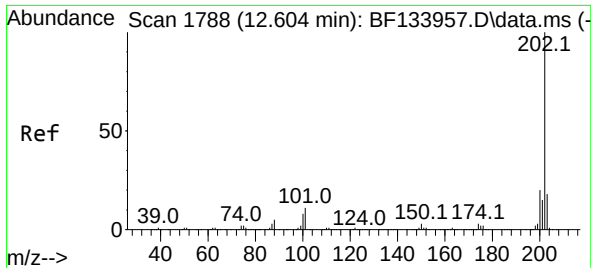


#74
 Di-n-butylphthalate
 Concen: 48.488 ng
 RT: 11.945 min Scan# 1676
 Delta R.T. -0.006 min
 Lab File: BF134124.D
 Acq: 07 Jul 2023 07:26



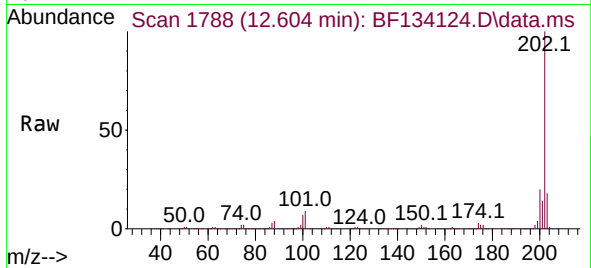
Tgt Ion:149 Resp: 1207256
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.1 10.7
 104 5.0 4.0 6.0





#75
Fluoranthene
Concen: 48.485 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

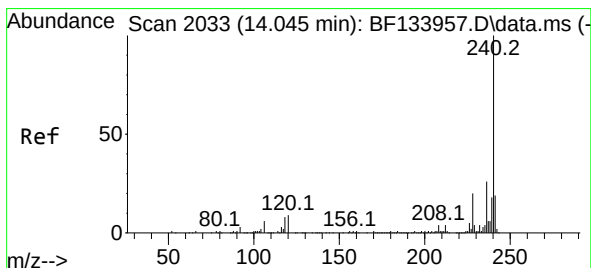
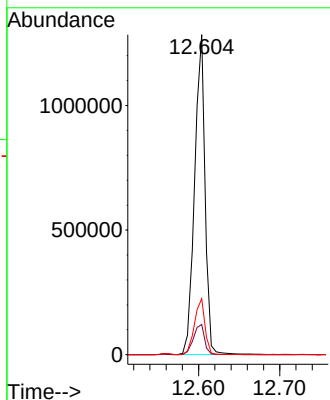
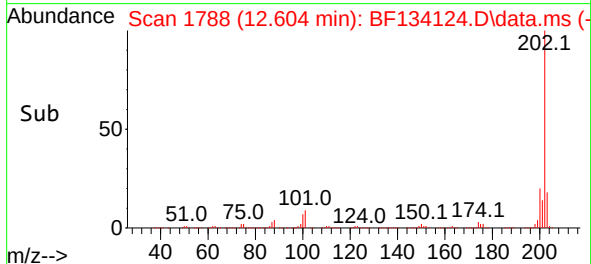
Instrument :
BNA_F
ClientSampleId :
TB-TP1MS



Tgt Ion:202 Resp: 115275
Ion Ratio Lower Upper
202 100
101 9.5 0.0 31.0
203 17.5 0.0 37.6

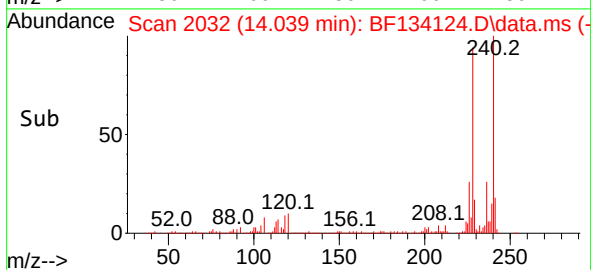
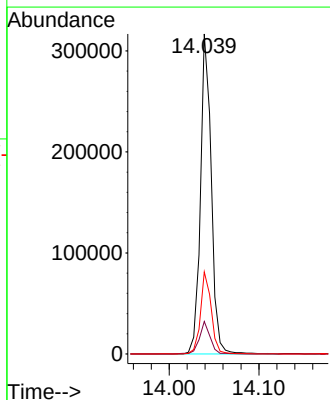
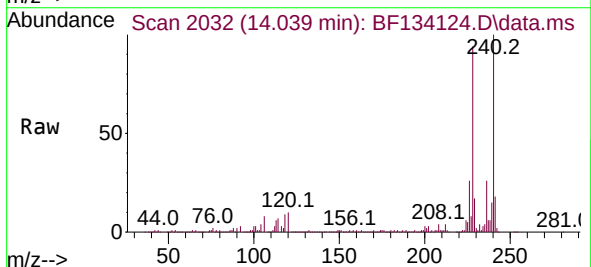
Manual Integrations
APPROVED

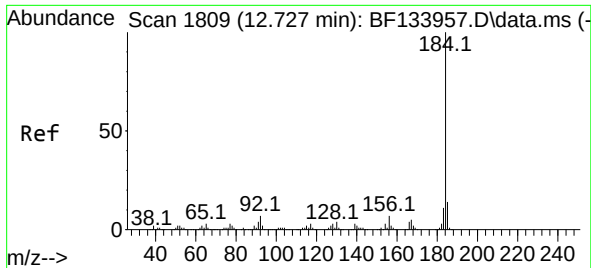
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

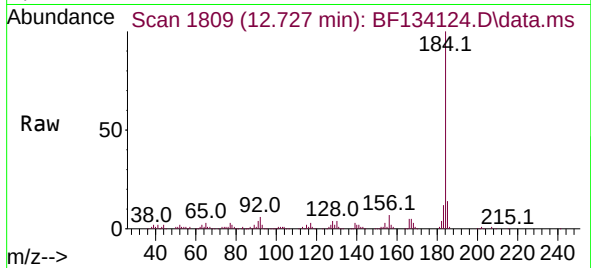
Tgt Ion:240 Resp: 264975
Ion Ratio Lower Upper
240 100
120 10.2 7.4 11.0
236 25.6 21.0 31.6





#77
Benzidine
Concen: 23.050 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

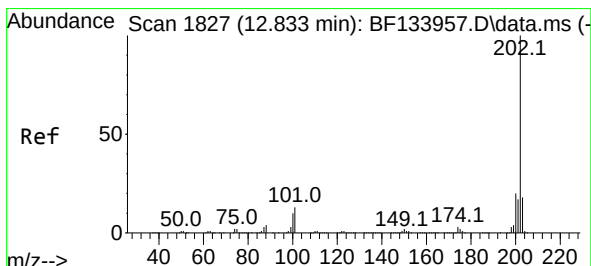
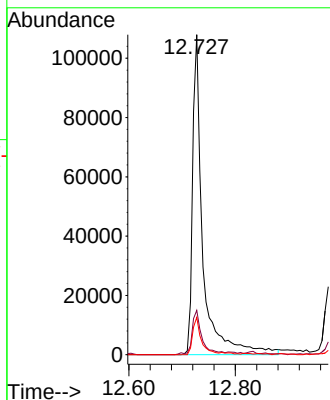
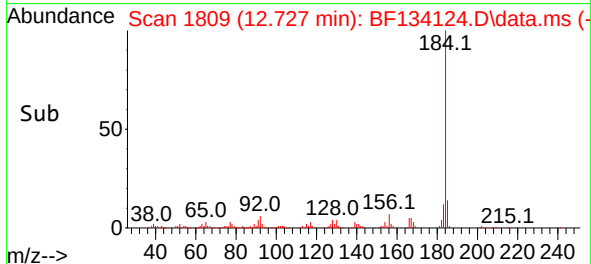
Instrument :
BNA_F
ClientSampleId :
TB-TP1MS



Tgt Ion:184 Resp: 145330
Ion Ratio Lower Upper
184 100
185 13.8 11.6 17.4
183 11.6 8.8 13.2

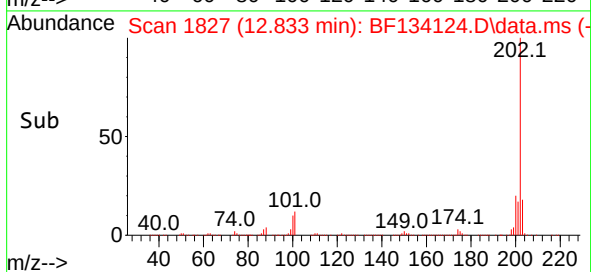
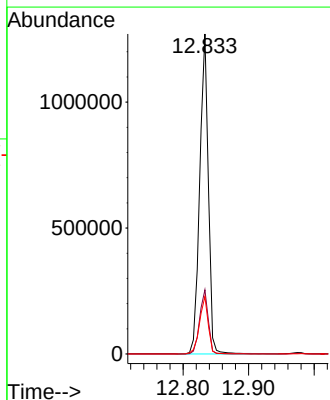
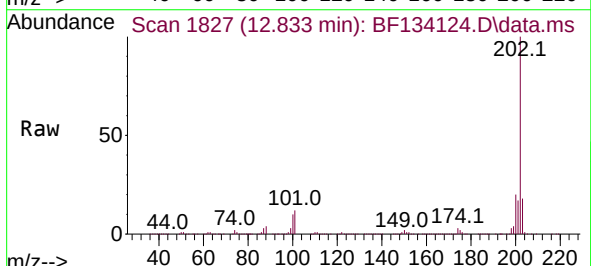
Manual Integrations
APPROVED

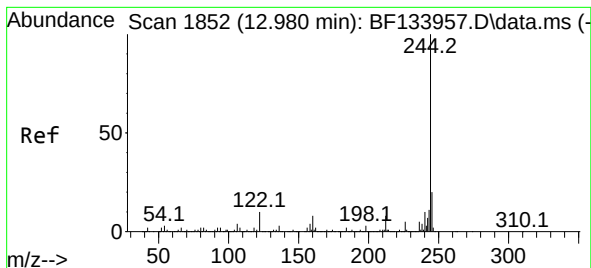
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#78
Pyrene
Concen: 47.160 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

Tgt Ion:202 Resp: 1162934
Ion Ratio Lower Upper
202 100
200 20.0 16.1 24.1
203 17.9 14.3 21.5





#79

Terphenyl-d14

Concen: 99.569 ng

RT: 12.980 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF134124.D

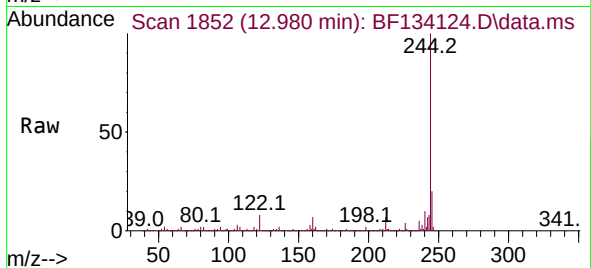
Acq: 07 Jul 2023 07:26

Instrument :

BNA_F

ClientSampleId :

TB-TP1MS



Tgt Ion:244 Resp: 1639304

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

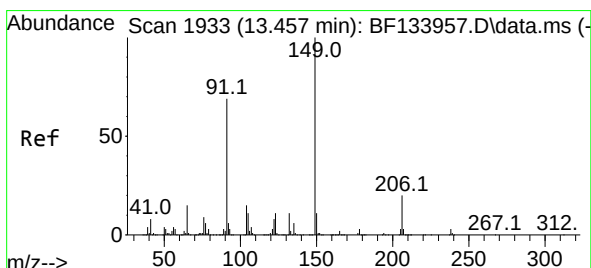
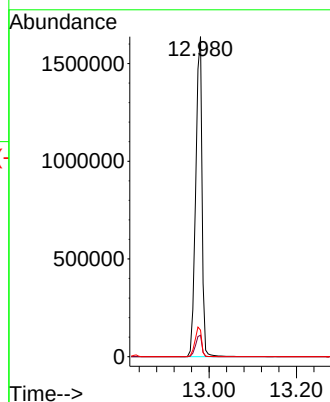
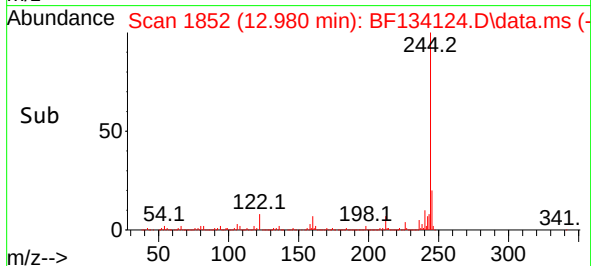
122 8.3 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#80

Butylbenzylphthalate

Concen: 50.363 ng

RT: 13.457 min Scan# 1933

Delta R.T. -0.000 min

Lab File: BF134124.D

Acq: 07 Jul 2023 07:26

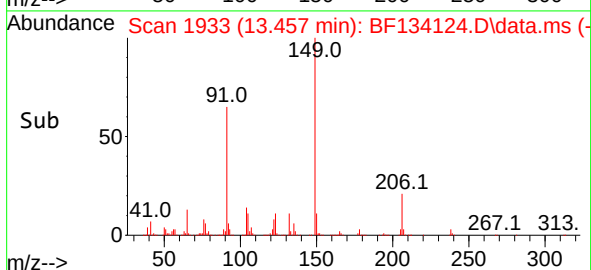
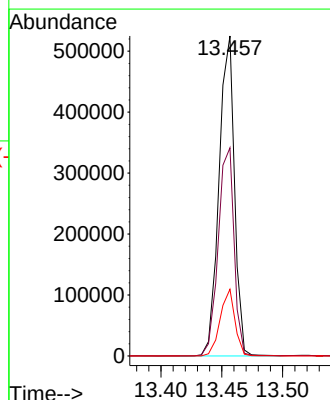
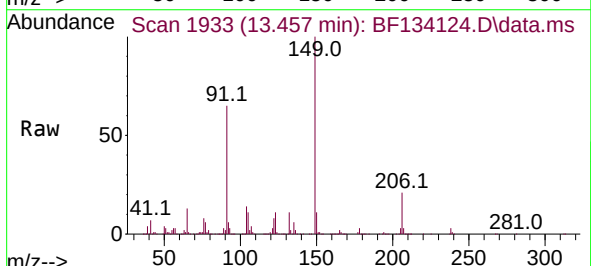
Tgt Ion:149 Resp: 465785

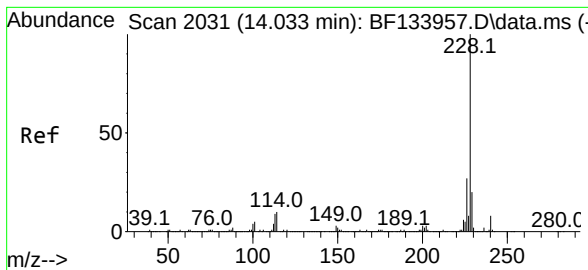
Ion Ratio Lower Upper

149 100

91 65.1 55.1 82.7

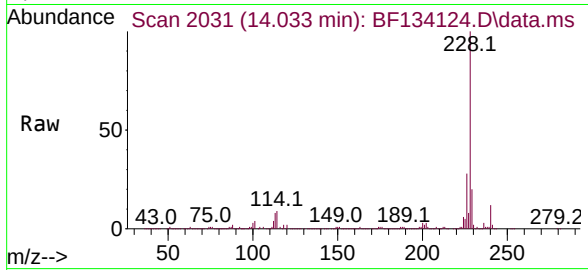
206 20.8 15.7 23.5





#81
Benzo(a)anthracene
Concen: 48.176 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

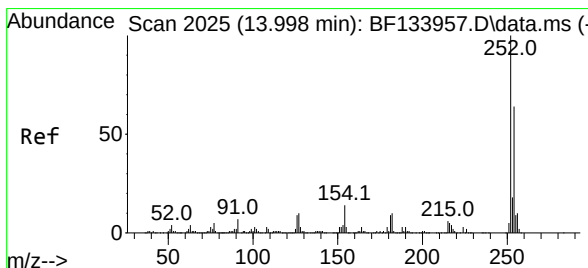
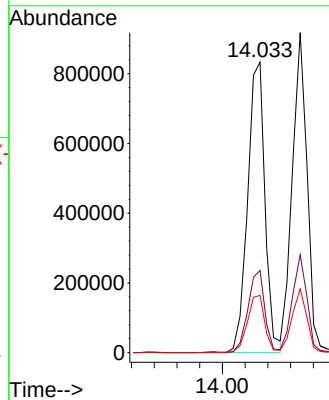
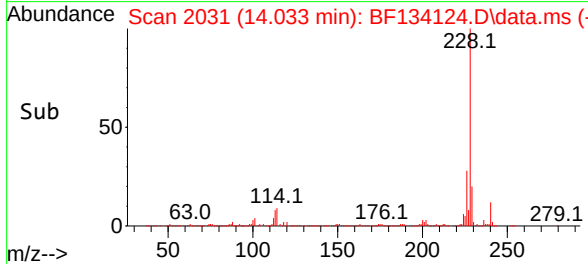
Instrument :
BNA_F
ClientSampleId :
TB-TP1MS



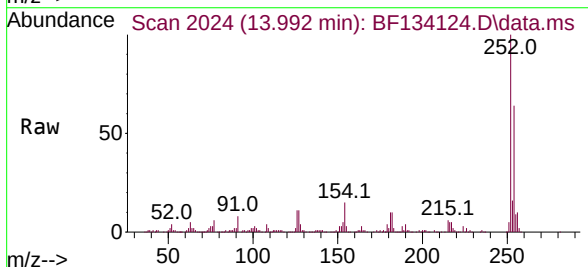
Tgt Ion:228 Resp: 885300
Ion Ratio Lower Upper
228 100
226 28.3 22.0 33.0
229 19.7 16.3 24.5

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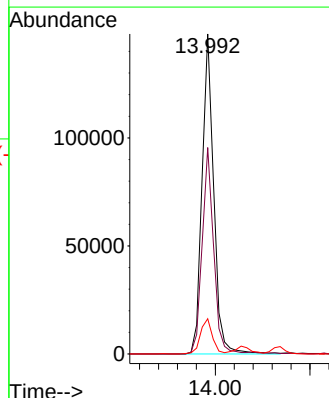
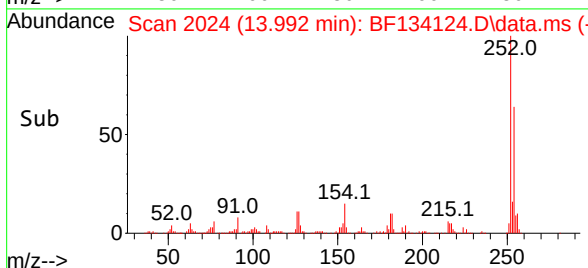
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

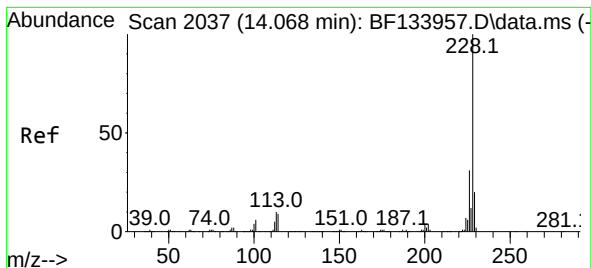


#82
3,3'-Dichlorobenzidine
Concen: 21.910 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26



Tgt Ion:252 Resp: 127560
Ion Ratio Lower Upper
252 100
254 64.5 51.4 77.0
126 11.0 7.4 11.2





#83

Chrysene

Concen: 47.154 ng

RT: 14.068 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF134124.D

Acq: 07 Jul 2023 07:26

Instrument :

BNA_F

ClientSampleId :

TB-TP1MS

Tgt Ion:228 Resp: 83928

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

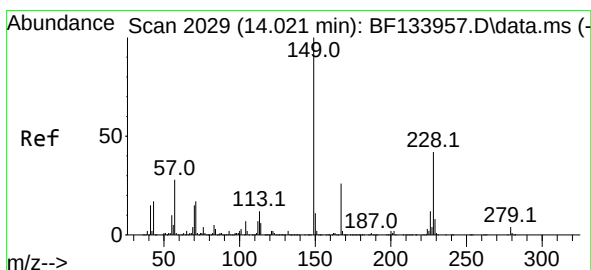
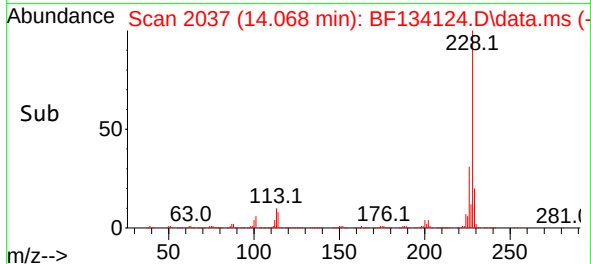
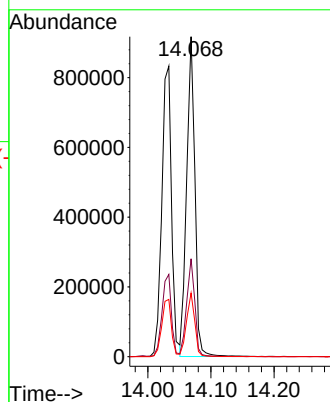
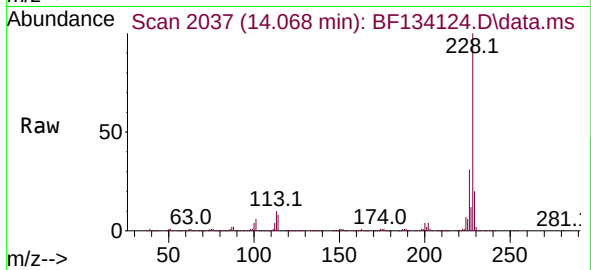
229 19.9 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.121 ng

RT: 14.016 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF134124.D

Acq: 07 Jul 2023 07:26

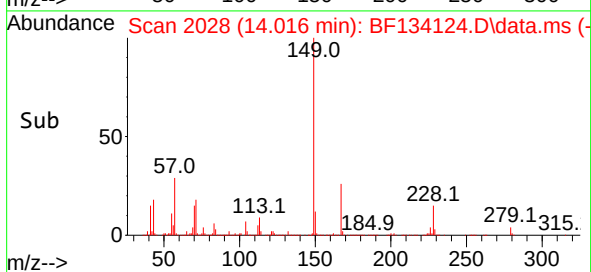
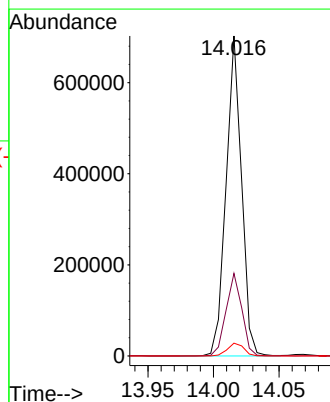
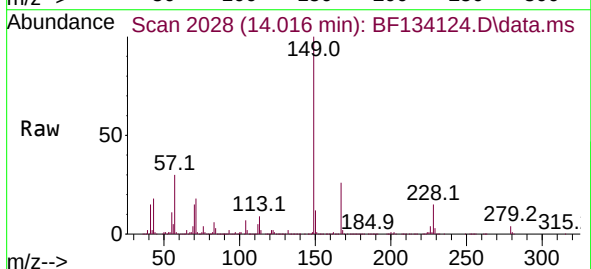
Tgt Ion:149 Resp: 575142

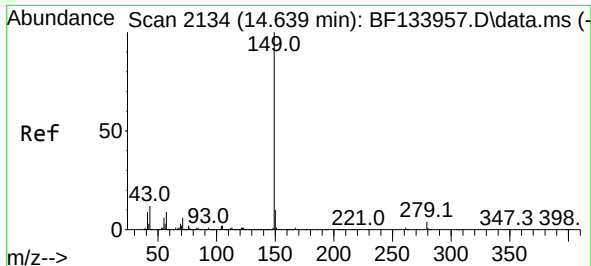
Ion Ratio Lower Upper

149 100

167 25.8 21.0 31.4

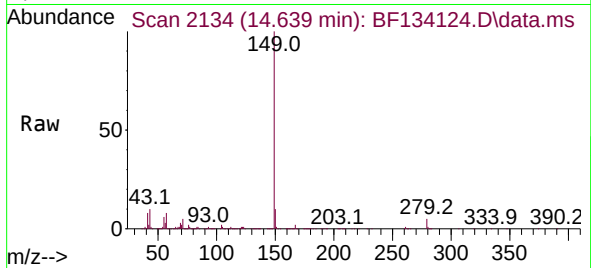
279 4.0 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 54.368 ng
RT: 14.639 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

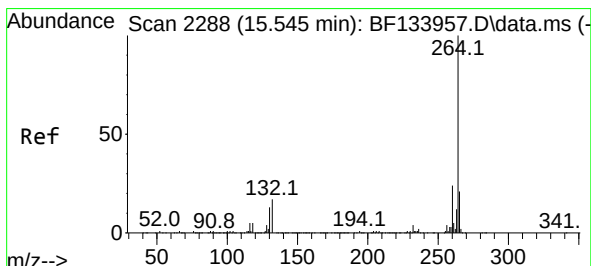
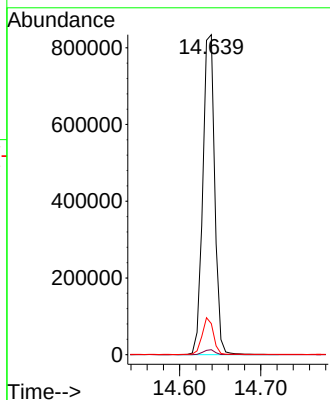
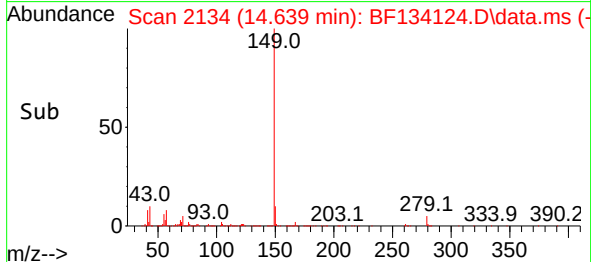
Instrument :
BNA_F
ClientSampleId :
TB-TP1MS



Tgt Ion:149 Resp: 84895
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.0 9.0 13.4

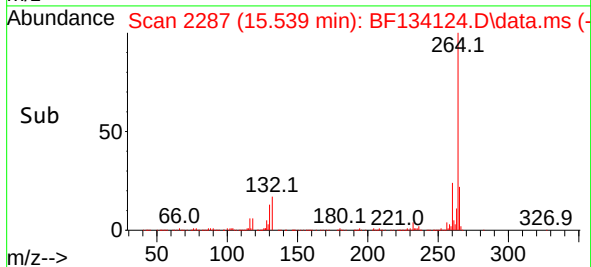
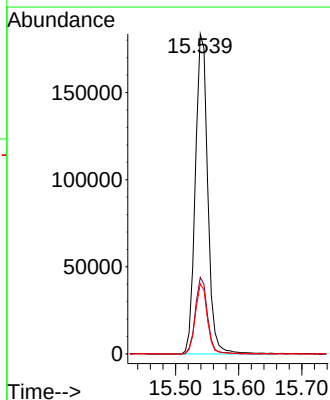
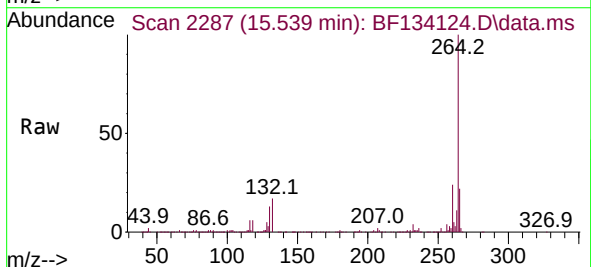
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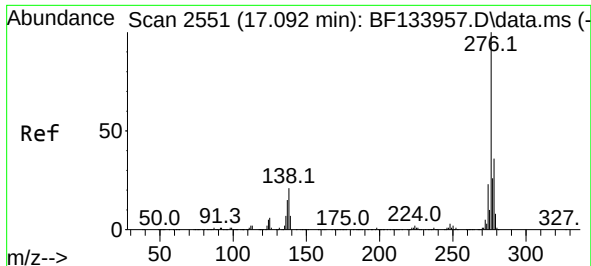
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2287
Delta R.T. -0.012 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

Tgt Ion:264 Resp: 250826
Ion Ratio Lower Upper
264 100
260 23.9 19.5 29.3
265 22.0 16.6 25.0





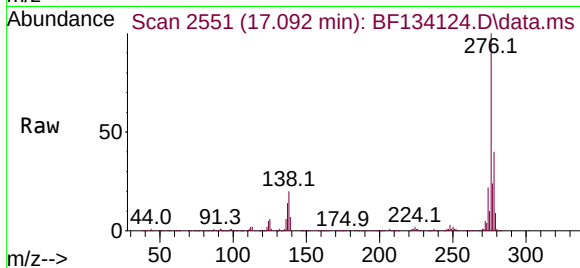
#87
Indeno(1,2,3-cd)pyrene
Concen: 54.148 ng
RT: 17.092 min Scan# 2112
Delta R.T. -0.018 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

Instrument :

BNA_F

ClientSampleId :

TB-TP1MS



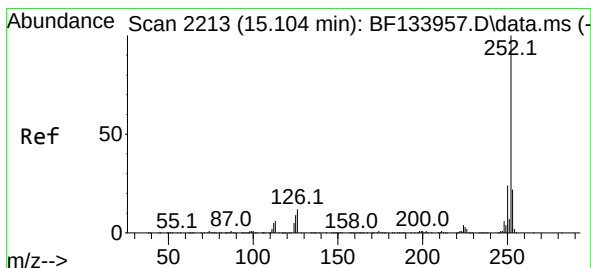
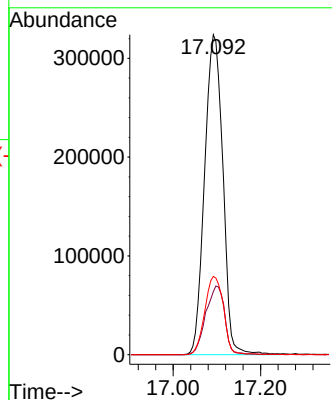
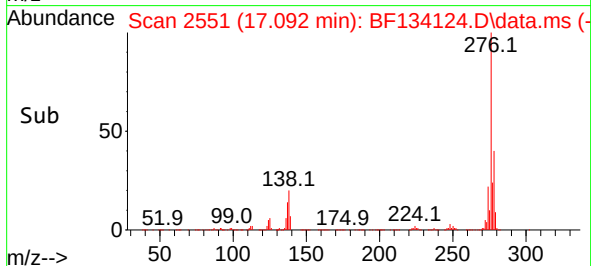
Tgt Ion:276 Resp: 94244
Ion Ratio Lower Upper
276 100
138 22.3 18.7 28.1
277 24.9 19.9 29.9

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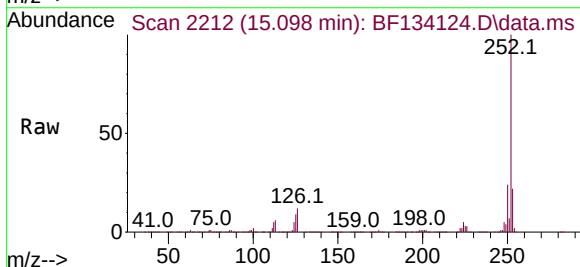
APPROVED

Reviewed By :Yogesh Patel 07/07/2023

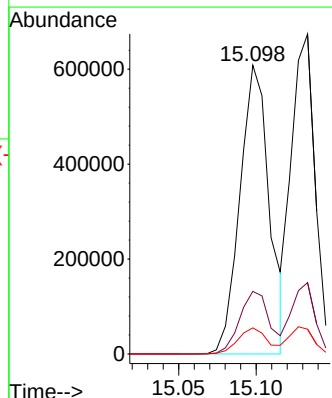
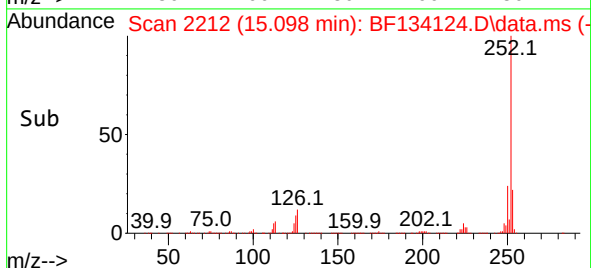
Supervised By :mohammad ahmed 07/07/2023

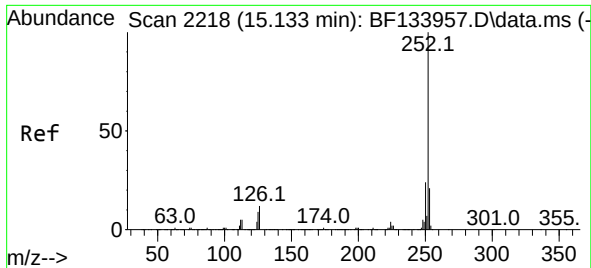


#88
Benzo(b)fluoranthene
Concen: 54.477 ng
RT: 15.098 min Scan# 2212
Delta R.T. -0.012 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26



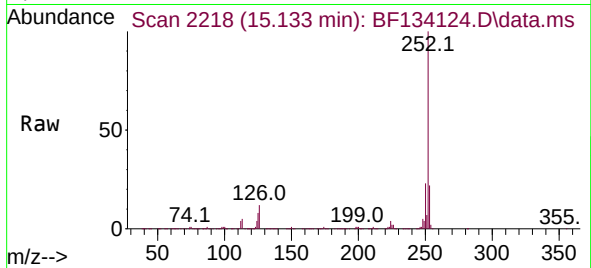
Tgt Ion:252 Resp: 803467
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 9.1 7.1 10.7





#89
Benzo(k)fluoranthene
Concen: 48.783 ng
RT: 15.133 min Scan# 2218
Delta R.T. -0.006 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

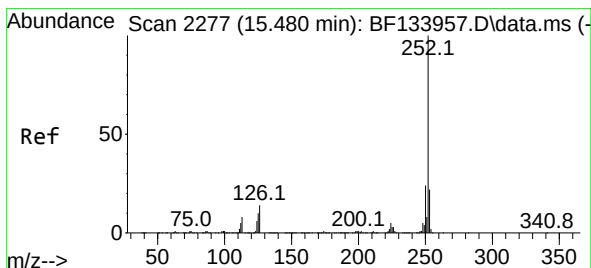
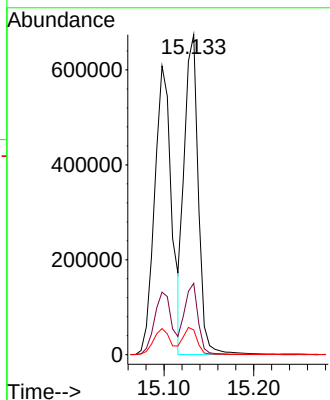
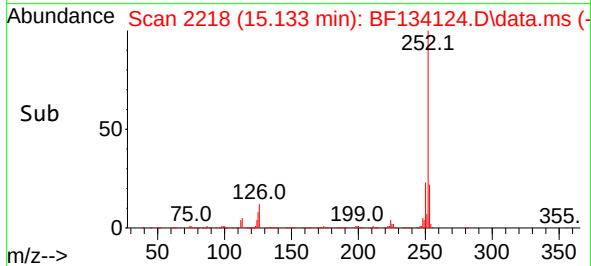
Instrument :
BNA_F
ClientSampleId :
TB-TP1MS



Tgt Ion:252 Resp: 73255
Ion Ratio Lower Upper
252 100
253 22.3 16.9 25.3
125 7.8 7.4 11.2

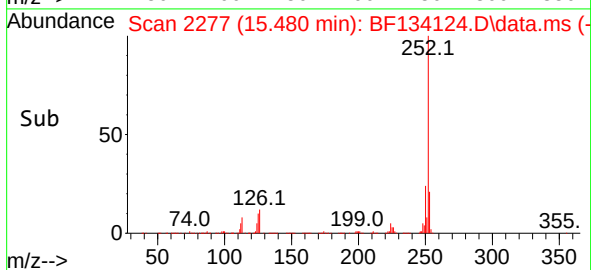
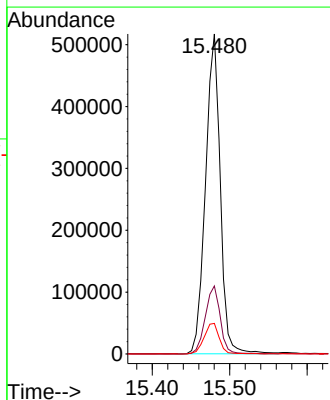
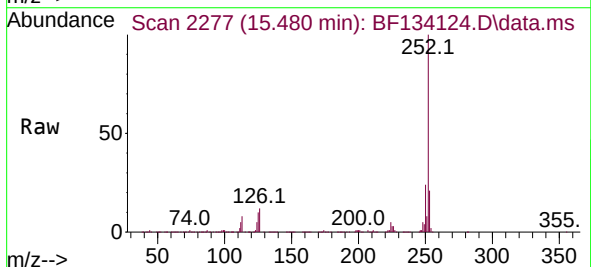
Manual Integrations
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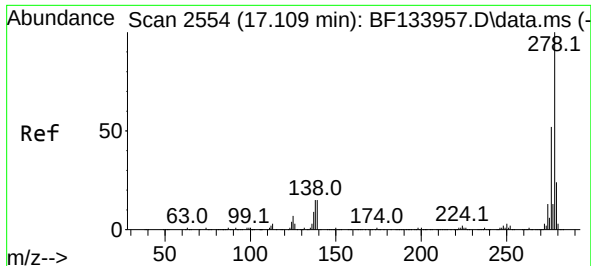
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#90
Benzo(a)pyrene
Concen: 47.809 ng
RT: 15.480 min Scan# 2277
Delta R.T. -0.012 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

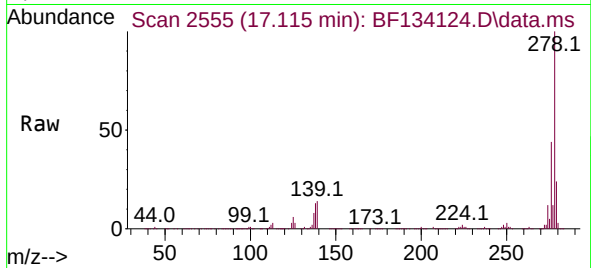
Tgt Ion:252 Resp: 681842
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.0
125 9.5 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 53.729 ng
RT: 17.115 min Scan# 2555
Delta R.T. -0.012 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26

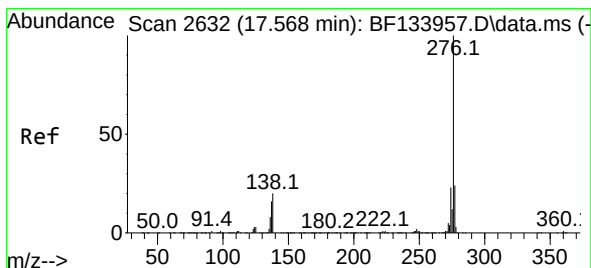
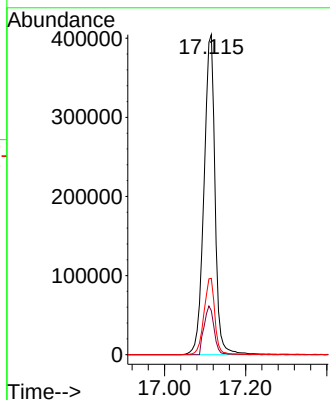
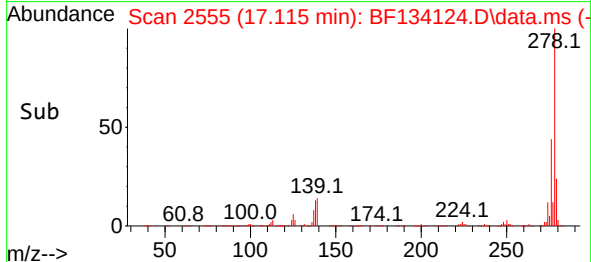
Instrument :
BNA_F
ClientSampleId :
TB-TP1MS



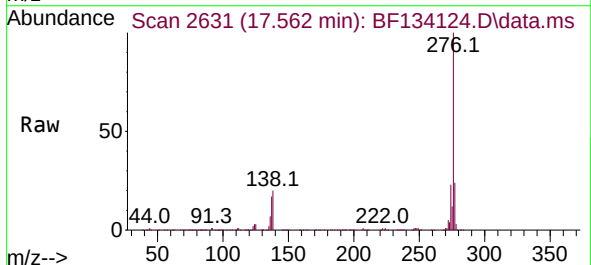
Tgt Ion:278 Resp: 76381
Ion Ratio Lower Upper
278 100
139 13.7 12.2 18.4
279 23.9 19.4 29.2

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 56.677 ng
RT: 17.562 min Scan# 2631
Delta R.T. -0.018 min
Lab File: BF134124.D
Acq: 07 Jul 2023 07:26



Tgt Ion:276 Resp: 830889
Ion Ratio Lower Upper
276 100
277 24.1 19.0 28.6
138 20.0 16.2 24.2

