

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
 Data File : BF134097.D
 Acq On : 06 Jul 2023 14:06
 Operator : CG\JU
 Sample : PB153188BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153188BSD

Manual Integrations
 APPROVED

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

Quant Time: Jul 07 01:10:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	123409	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	488312	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	251365	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	500746	20.000	ng	0.00
76) Chrysene-d12	14.045	240	304743	20.000	ng	0.00
86) Perylene-d12	15.545	264	249481	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	855177	115.916	ng	0.00
7) Phenol-d6	6.492	99	1021252	112.561	ng	0.00
23) Nitrobenzene-d5	7.416	82	703107	77.617	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	362998	115.178	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1313826	75.992	ng	0.00
79) Terphenyl-d14	12.980	244	1621176	85.618	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	125884	41.382	ng	98
3) Pyridine	3.510	79	264922	33.435	ng	99
4) n-Nitrosodimethylamine	3.469	42	199300	44.040	ng	96
6) Aniline	6.510	93	282568	25.594	ng	# 62
8) 2-Chlorophenol	6.634	128	339852	45.380	ng	99
9) Benzaldehyde	6.398	77	44146	6.485	ng	96
10) Phenol	6.504	94	398720	41.797	ng	90
11) bis(2-Chloroethyl)ether	6.587	93	317751	45.243	ng	97
12) 1,3-Dichlorobenzene	6.787	146	360571	45.160	ng	99
13) 1,4-Dichlorobenzene	6.863	146	365803	45.360	ng	100
14) 1,2-Dichlorobenzene	7.016	146	346335	45.856	ng	99
15) Benzyl Alcohol	6.992	79	309182	44.204	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	525990	42.334	ng	97
17) 2-Methylphenol	7.104	107	284769	42.463	ng	98
18) Hexachloroethane	7.351	117	138671	46.375	ng	92
19) n-Nitroso-di-n-propyla...	7.263	70	242186	42.092	ng	96
20) 3+4-Methylphenols	7.257	107	336925	41.412	ng	92
22) Acetophenone	7.257	105	482833	43.477	ng	97
24) Nitrobenzene	7.434	77	371487	40.582	ng	97
25) Isophorone	7.669	82	682832	41.475	ng	98
26) 2-Nitrophenol	7.745	139	192234	43.776	ng	94
27) 2,4-Dimethylphenol	7.787	122	302902	43.576	ng	99
28) bis(2-Chloroethoxy)met...	7.881	93	388124	40.714	ng	99
29) 2,4-Dichlorophenol	7.986	162	289043	41.934	ng	96
30) 1,2,4-Trichlorobenzene	8.069	180	305298	42.925	ng	98
31) Naphthalene	8.151	128	951310	40.332	ng	99
32) Benzoic acid	7.922	122	238460	45.781	ng	97
33) 4-Chloroaniline	8.198	127	118402	11.735	ng	99
34) Hexachlorobutadiene	8.263	225	194487	43.349	ng	99
35) Caprolactam	8.581	113	99305m	43.755	ng	
36) 4-Chloro-3-methylphenol	8.686	107	334123	43.149	ng	97
37) 2-Methylnaphthalene	8.839	142	649480	38.938	ng	99
38) 1-Methylnaphthalene	8.939	142	611327	39.425	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	315674	42.389	ng	98
41) Hexachlorocyclopentadiene	8.992	237	325903	92.244	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	211901	41.799	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
 Data File : BF134097.D
 Acq On : 06 Jul 2023 14:06
 Operator : CG\JU
 Sample : PB153188BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153188BSD

Manual Integrations
 APPROVED

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

Quant Time: Jul 07 01:10:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	229981	38.567	ng	99
46) 1,1'-Biphenyl	9.310	154	831221	41.224	ng	98
47) 2-Chloronaphthalene	9.333	162	617267	41.840	ng	97
48) 2-Nitroaniline	9.433	65	220477	41.006	ng	100
49) Acenaphthylene	9.751	152	1006820	39.950	ng	99
50) Dimethylphthalate	9.616	163	760677	41.689	ng	99
51) 2,6-Dinitrotoluene	9.680	165	166195	42.289	ng	99
52) Acenaphthene	9.922	154	605263	41.390	ng	99
53) 3-Nitroaniline	9.845	138	111629	23.677	ng	99
54) 2,4-Dinitrophenol	9.963	184	202255	88.674	ng	97
55) Dibenzofuran	10.098	168	912840	39.942	ng	100
56) 4-Nitrophenol	10.022	139	266314	80.753	ng	93
57) 2,4-Dinitrotoluene	10.086	165	221503	42.678	ng	88
58) Fluorene	10.439	166	721686	40.589	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	200648	42.657	ng	98
60) Diethylphthalate	10.316	149	789977	41.555	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	349536	40.793	ng	97
62) 4-Nitroaniline	10.469	138	182294	38.366	ng	93
63) Azobenzene	10.592	77	733057	40.766	ng	97
65) 4,6-Dinitro-2-methylph...	10.498	198	132268	48.449	ng	86
66) n-Nitrosodiphenylamine	10.557	169	653772	40.863	ng	99
67) 4-Bromophenyl-phenylether	10.922	248	220130	41.360	ng	# 90
68) Hexachlorobenzene	10.992	284	254388	45.016	ng	96
69) Atrazine	11.086	200	190460	43.038	ng	96
70) Pentachlorophenol	11.186	266	254830	75.419	ng	97
71) Phenanthrene	11.410	178	1037116	41.142	ng	100
72) Anthracene	11.463	178	1075199	41.007	ng	100
73) Carbazole	11.622	167	1010813	42.119	ng	99
74) Di-n-butylphthalate	11.945	149	1254859	43.969	ng	98
75) Fluoranthene	12.604	202	1154825	42.375	ng	98
77) Benzidine	12.727	184	176229	24.304	ng	99
78) Pyrene	12.833	202	1154795	40.718	ng	100
80) Butylbenzylphthalate	13.457	149	472572	44.429	ng	99
81) Benzo(a)anthracene	14.033	228	887192	41.978	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	208999	31.213	ng	# 98
83) Chrysene	14.068	228	838631	40.969	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	575232	47.065	ng	99
85) Di-n-octyl phthalate	14.639	149	822914	45.823	ng	100
87) Indeno(1,2,3-cd)pyrene	17.098	276	810610	46.825	ng	99
88) Benzo(b)fluoranthene	15.104	252	705550	48.096	ng	99
89) Benzo(k)fluoranthene	15.133	252	685952	45.926	ng	98
90) Benzo(a)pyrene	15.486	252	607406	42.819	ng	97
91) Dibenzo(a,h)anthracene	17.121	278	669014	47.314	ng	98
92) Benzo(g,h,i)perylene	17.574	276	678577	46.537	ng	98

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



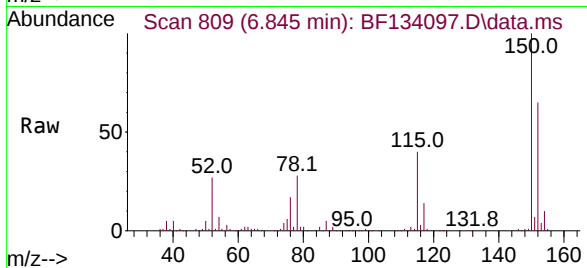
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

Instrument :

BNA_F

ClientSampleId :

PB153188BSD



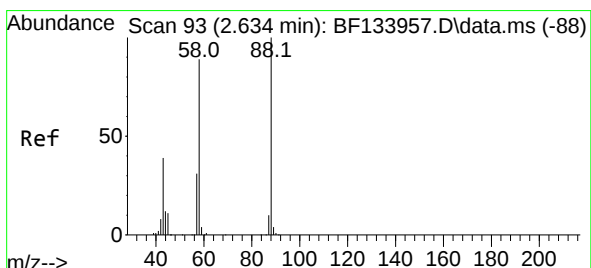
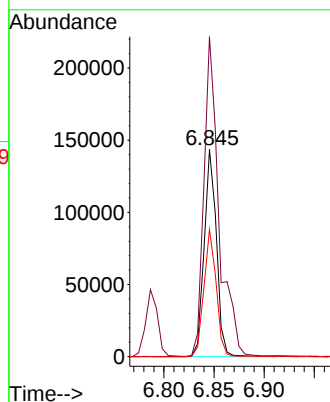
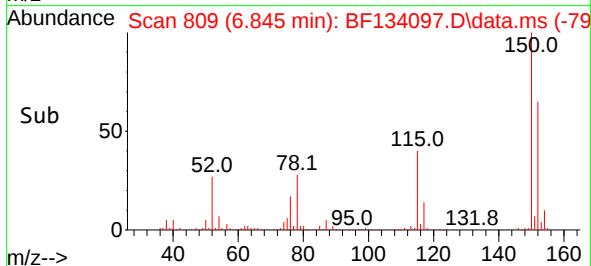
Tgt Ion:152 Resp: 123409
Ion Ratio Lower Upper
152 100
150 154.4 124.5 186.7
115 61.5 50.2 75.2

Manual Integrations

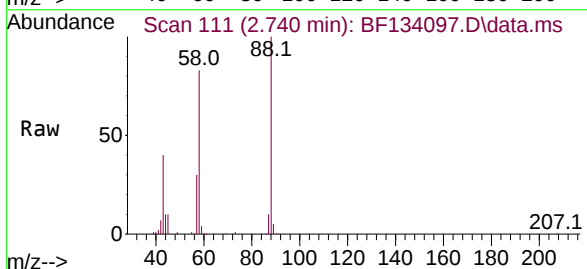
APPROVED

Reviewed By :Yogesh Patel 07/07/2023

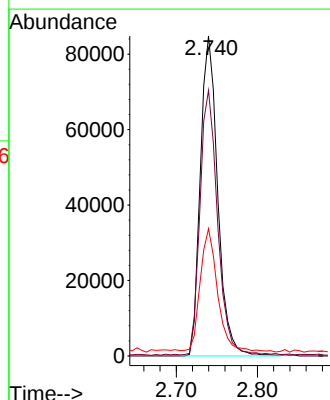
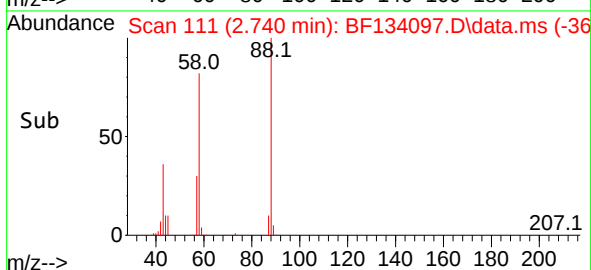
Supervised By :mohammad ahmed 07/07/2023

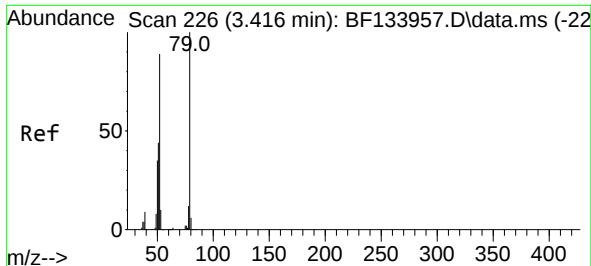


#2
1,4-Dioxane
Concen: 41.382 ng
RT: 2.740 min Scan# 111
Delta R.T. 0.094 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06



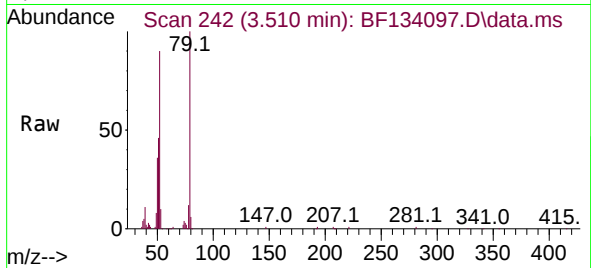
Tgt Ion: 88 Resp: 125884
Ion Ratio Lower Upper
88 100
58 84.0 68.8 103.2
43 39.1 30.7 46.1





#3
Pyridine
Concen: 33.435 ng
RT: 3.510 min Scan# 24
Delta R.T. 0.076 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

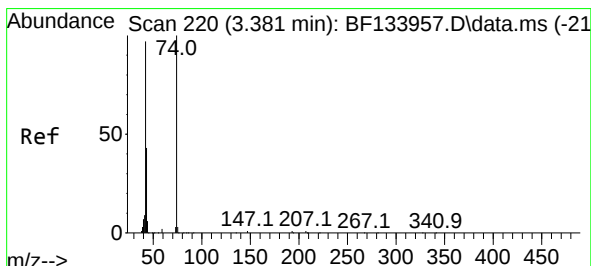
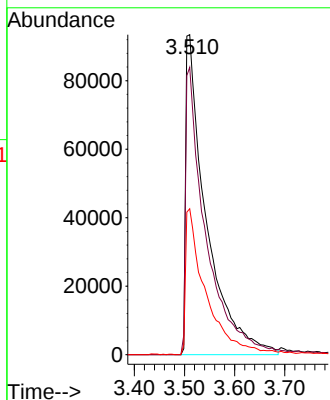
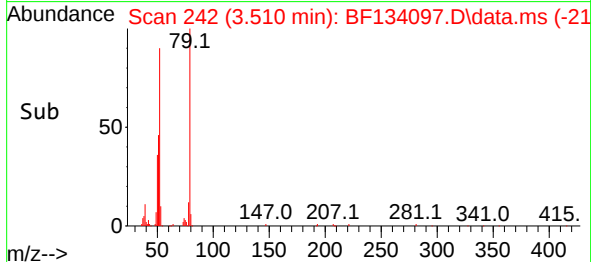
Instrument :
BNA_F
ClientSampleId :
PB153188BSD



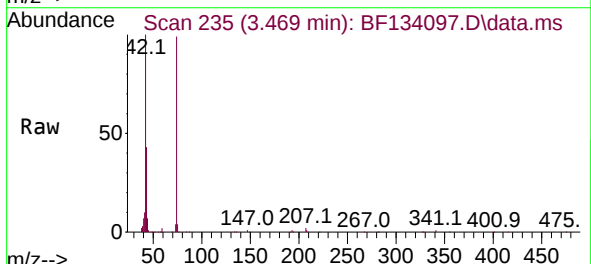
Tgt Ion: 79 Resp: 26492
Ion Ratio Lower Upper
79 100
52 89.8 71.1 106.7
51 45.6 35.2 52.8

Manual Integrations
APPROVED

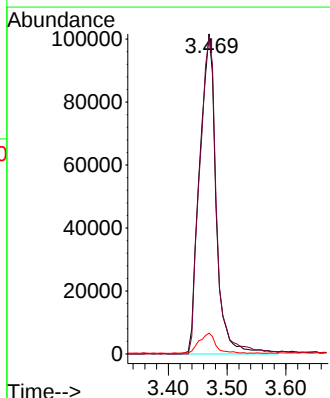
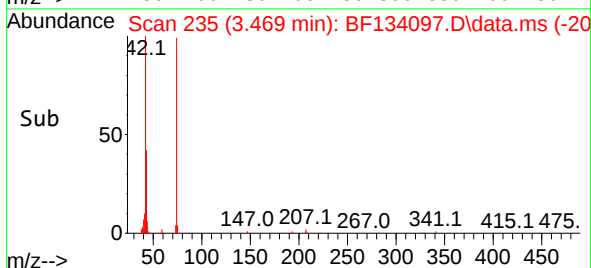
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#4
n-Nitrosodimethylamine
Concen: 44.040 ng
RT: 3.469 min Scan# 235
Delta R.T. 0.065 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06



Tgt Ion: 42 Resp: 199300
Ion Ratio Lower Upper
42 100
74 99.0 82.4 123.6
44 6.5 4.9 7.3





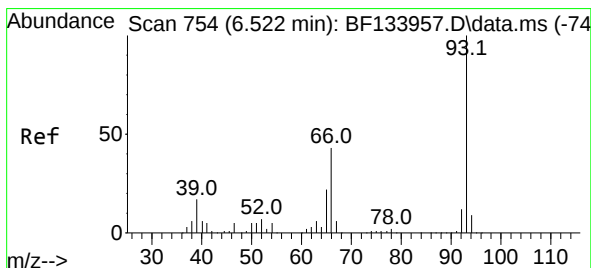
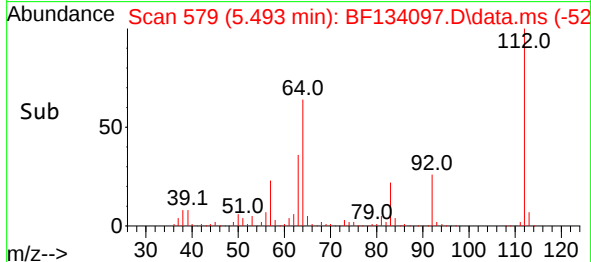
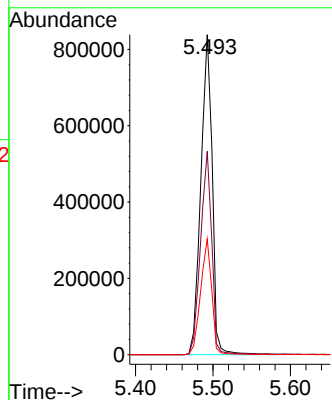
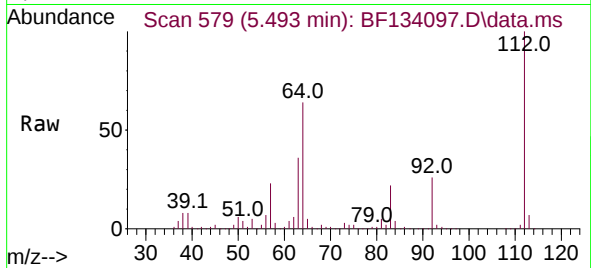
#5
2-Fluorophenol
Concen: 115.916 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

Instrument :
BNA_F
ClientSampleId :
PB153188BSD

Tgt Ion:112 Resp: 85517
Ion Ratio Lower Upper
112 100
64 63.6 52.1 78.1
63 36.1 28.6 42.8

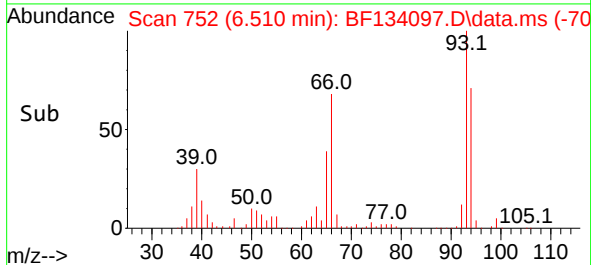
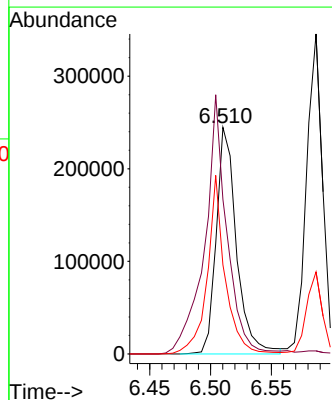
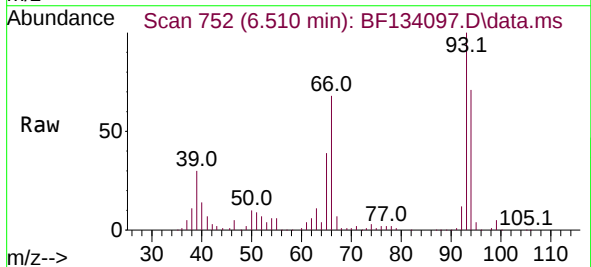
Manual Integrations
APPROVED

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



#6
Aniline
Concen: 25.594 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

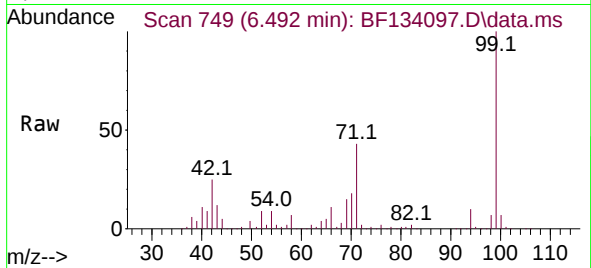
Tgt Ion: 93 Resp: 282568
Ion Ratio Lower Upper
93 100
66 68.2 34.5 51.7#
65 39.3 17.8 26.6#





#7
Phenol-d6
Concen: 112.561 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

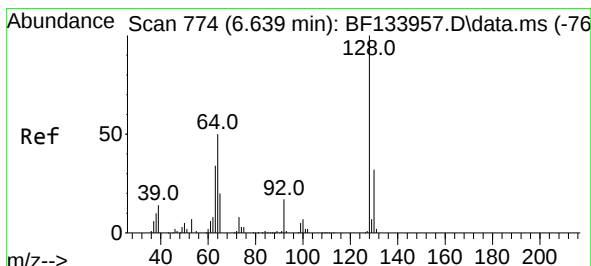
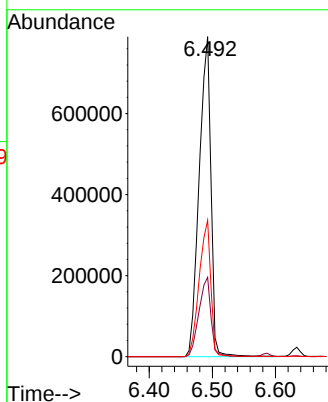
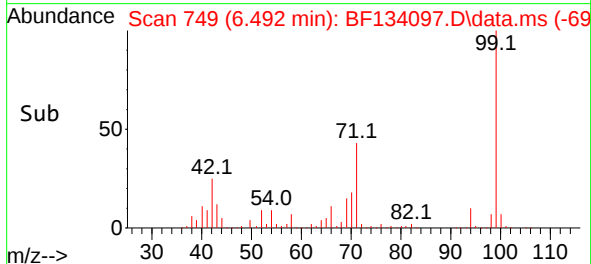
Instrument :
BNA_F
ClientSampleId :
PB153188BSD



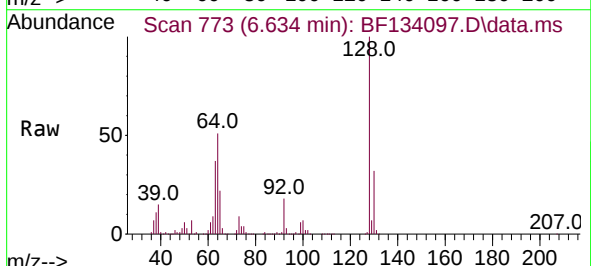
Tgt Ion: 99 Resp: 102125
Ion Ratio Lower Upper
99 100
42 24.8 19.8 29.6
71 42.6 31.9 47.9

Manual Integrations
APPROVED

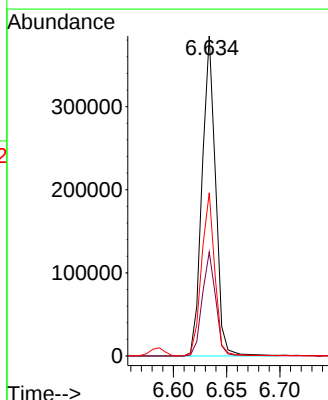
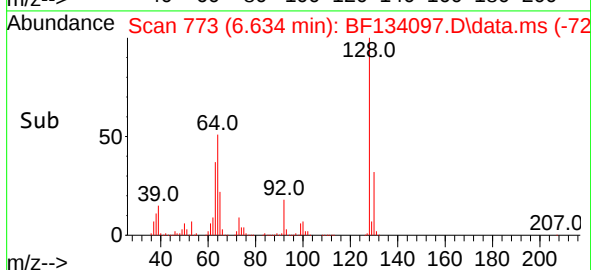
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

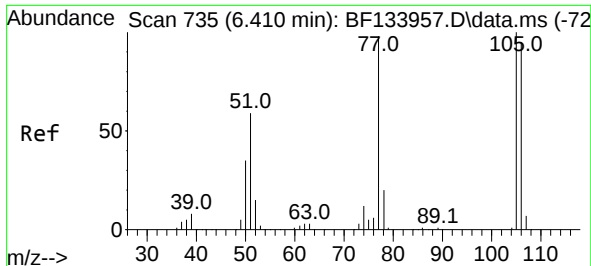


#8
2-Chlorophenol
Concen: 45.380 ng
RT: 6.634 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06



Tgt Ion:128 Resp: 339852
Ion Ratio Lower Upper
128 100
130 32.5 11.7 51.7
64 51.0 31.3 71.3





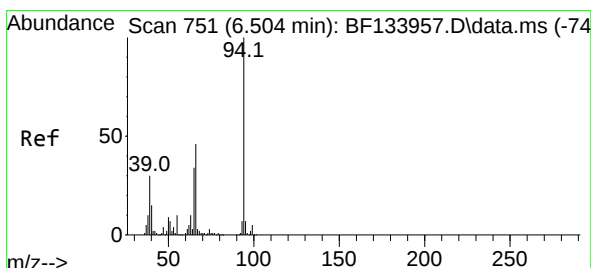
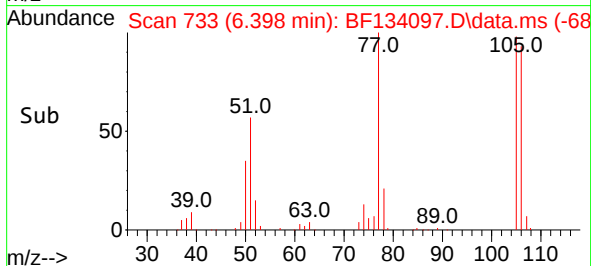
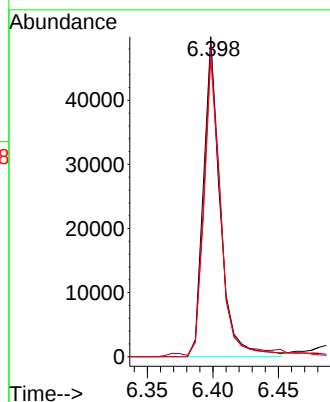
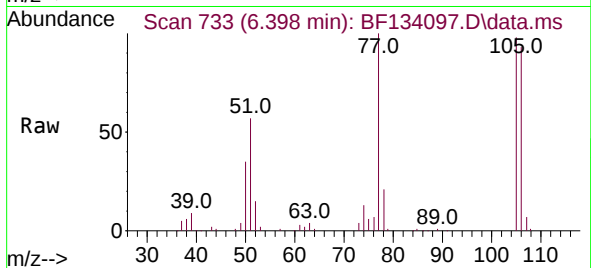
#9
Benzaldehyde
Concen: 6.485 ng
RT: 6.398 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

Instrument :
BNA_F
ClientSampleId :
PB153188BSD

Tgt Ion: 77 Resp: 44140
Ion Ratio Lower Upper
77 100
105 97.9 82.0 122.0
106 93.2 76.9 116.9

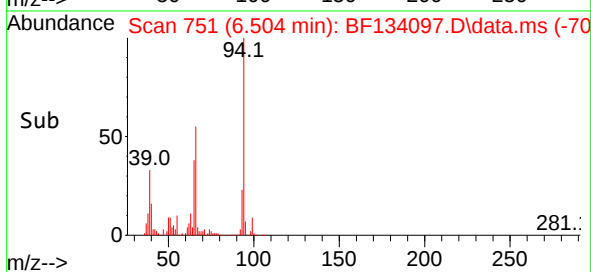
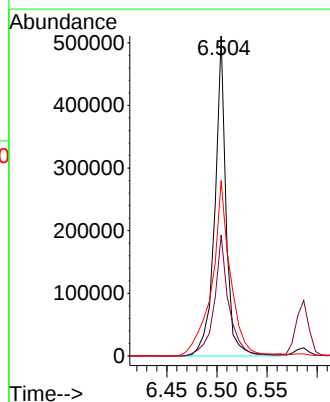
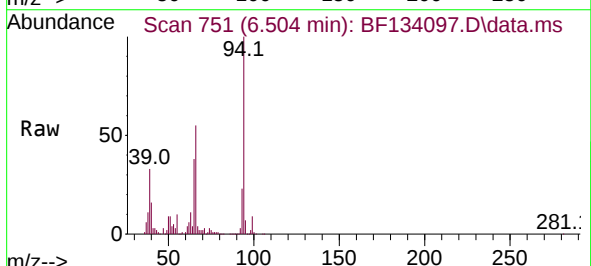
Manual Integrations
APPROVED

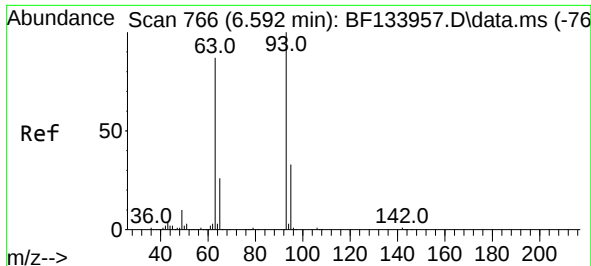
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#10
Phenol
Concen: 41.797 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

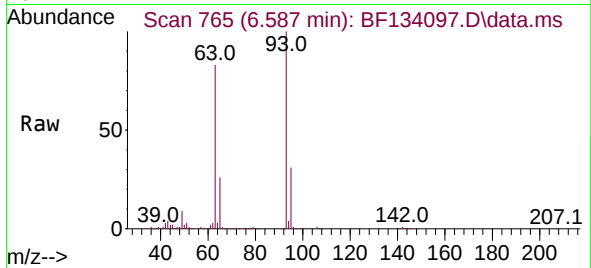
Tgt Ion: 94 Resp: 398720
Ion Ratio Lower Upper
94 100
65 37.8 14.2 54.2
66 54.8 26.4 66.4





#11
bis(2-Chloroethyl)ether
Concen: 45.243 ng
RT: 6.587 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

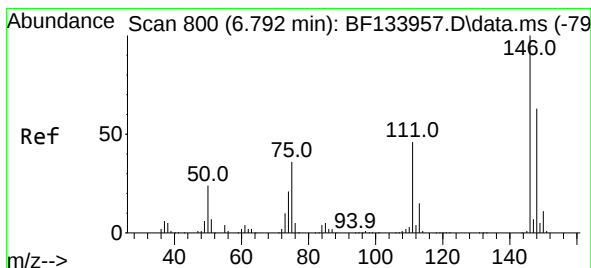
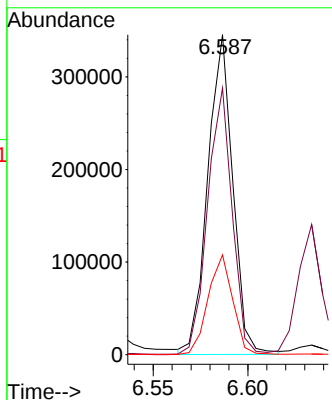
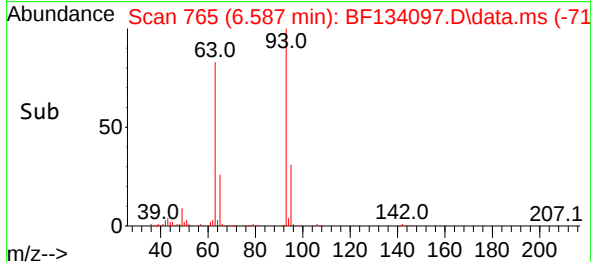
Instrument :
BNA_F
ClientSampleId :
PB153188BSD



Tgt Ion: 93 Resp: 31775
Ion Ratio Lower Upper
93 100
63 83.4 66.5 106.5
95 31.2 12.9 52.9

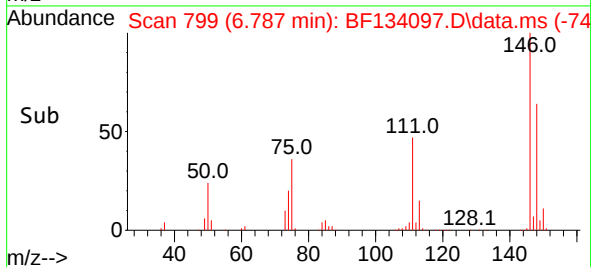
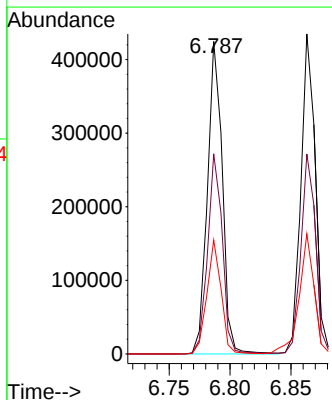
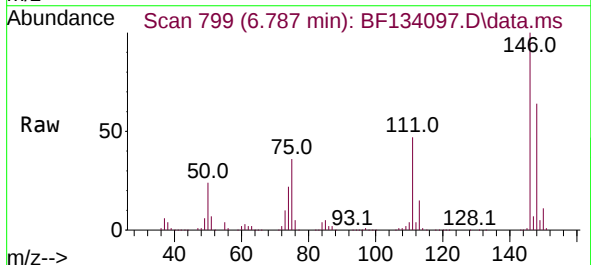
Manual Integrations
APPROVED

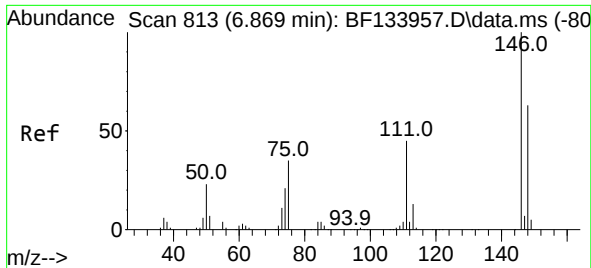
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#12
1,3-Dichlorobenzene
Concen: 45.160 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

Tgt Ion:146 Resp: 360571
Ion Ratio Lower Upper
146 100
148 64.0 50.5 75.7
75 36.4 29.0 43.6





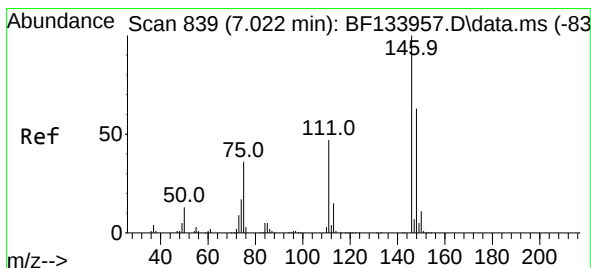
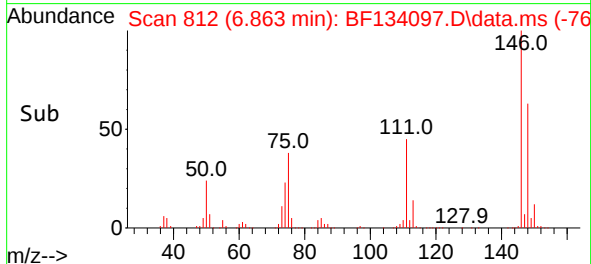
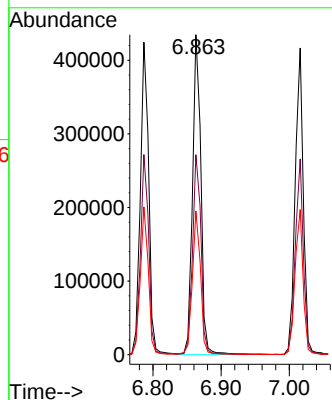
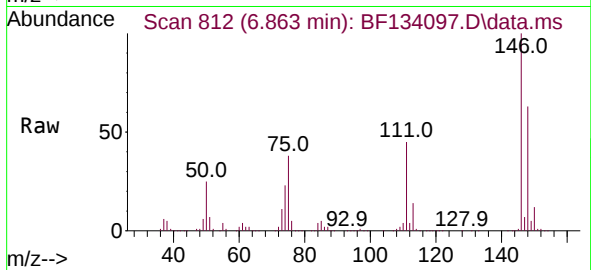
#13
1,4-Dichlorobenzene
Concen: 45.360 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

Instrument :
BNA_F
ClientSampleId :
PB153188BSD

Tgt Ion:146 Resp: 36580
Ion Ratio Lower Upper
146 100
148 62.5 50.2 75.2
111 44.9 35.8 53.6

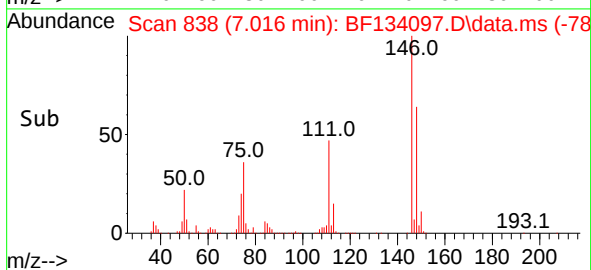
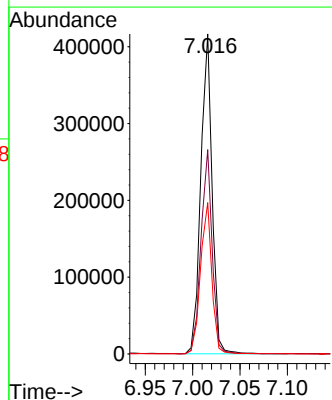
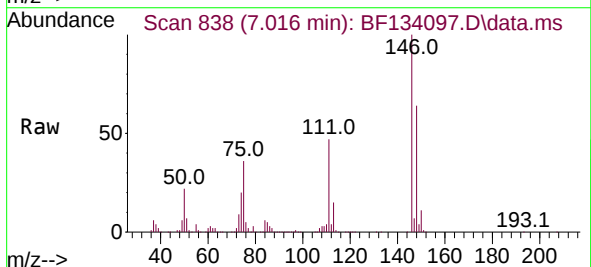
Manual Integrations
APPROVED

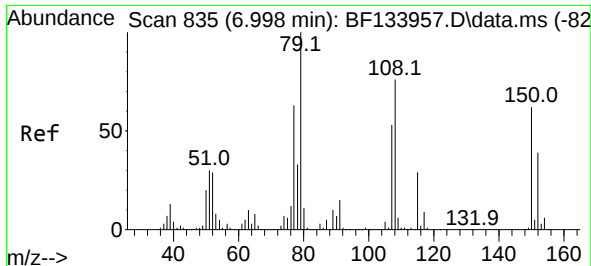
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#14
1,2-Dichlorobenzene
Concen: 45.856 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

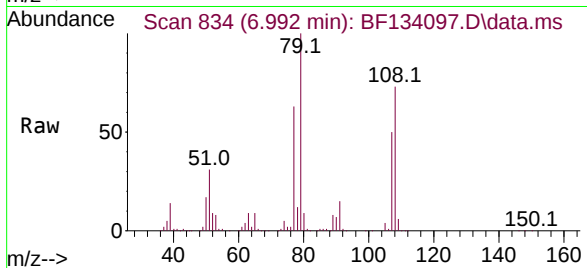
Tgt Ion:146 Resp: 346335
Ion Ratio Lower Upper
146 100
148 63.9 50.6 76.0
111 47.3 38.0 57.0





#15
Benzyl Alcohol
Concen: 44.204 ng
RT: 6.992 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

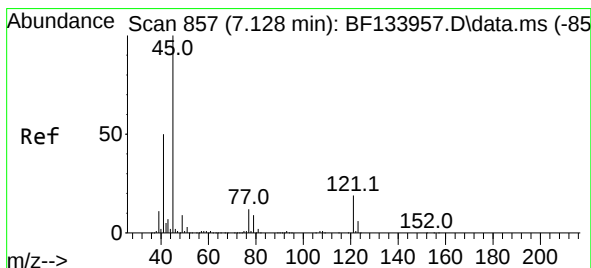
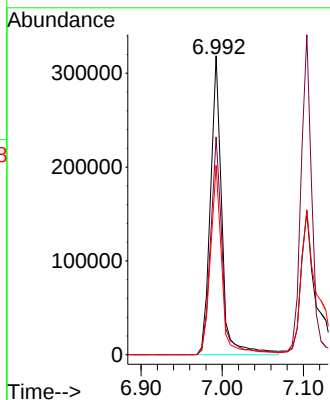
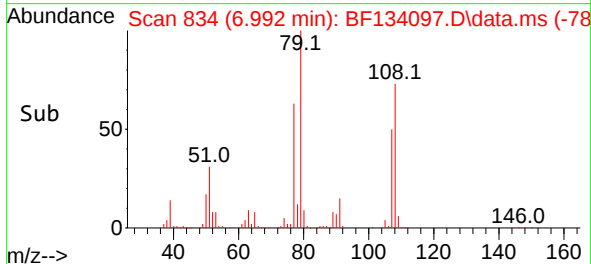
Instrument :
BNA_F
ClientSampleId :
PB153188BSD



Tgt Ion: 79 Resp: 30918
Ion Ratio Lower Upper
79 100
108 72.9 60.7 91.1
77 63.3 50.6 75.8

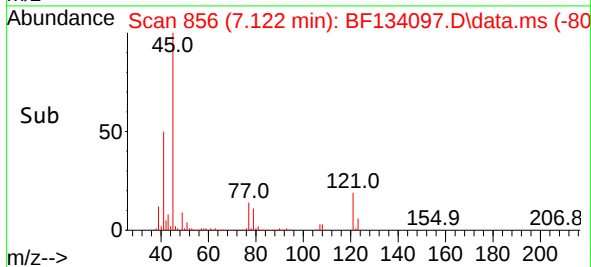
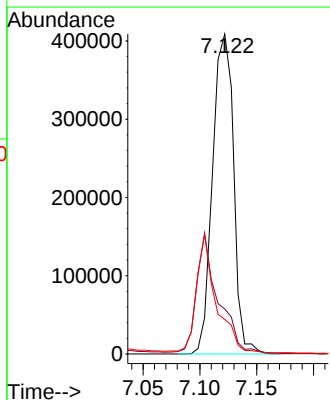
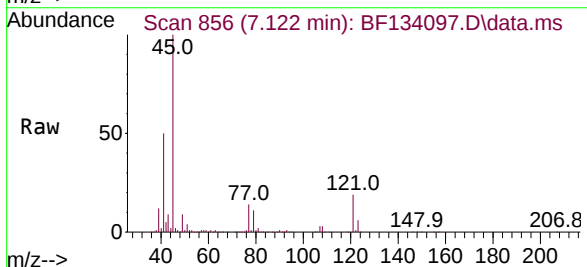
Manual Integrations
APPROVED

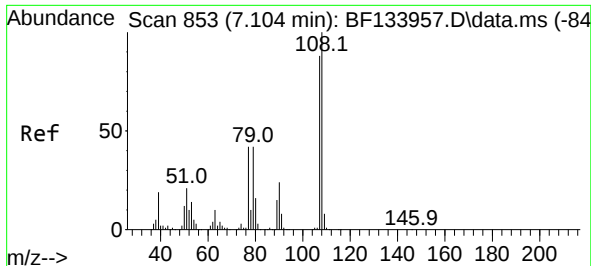
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.334 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

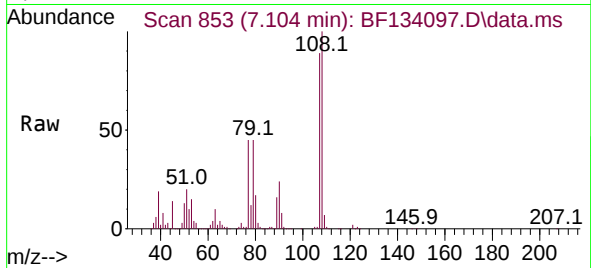
Tgt Ion: 45 Resp: 525990
Ion Ratio Lower Upper
45 100
77 14.0 0.0 32.9
79 10.8 0.0 29.5





#17
2-Methylphenol
Concen: 42.463 ng
RT: 7.104 min Scan# 853
Delta R.T. -0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

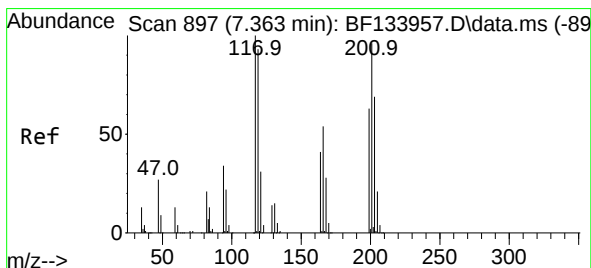
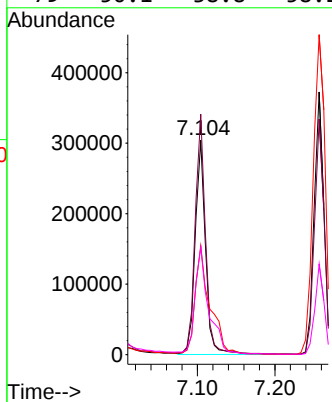
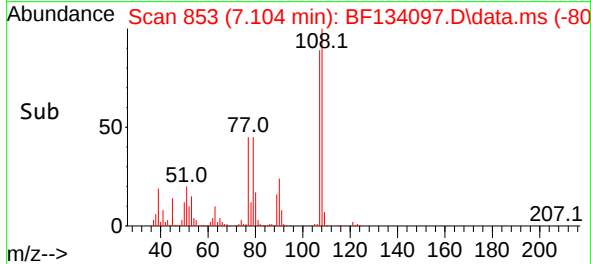
Instrument :
BNA_F
ClientSampleId :
PB153188BSD



Tgt Ion:107 Resp: 284769
Ion Ratio Lower Upper
107 100
108 112.2 90.6 136.0
77 50.8 38.3 57.5
79 50.1 38.8 58.2

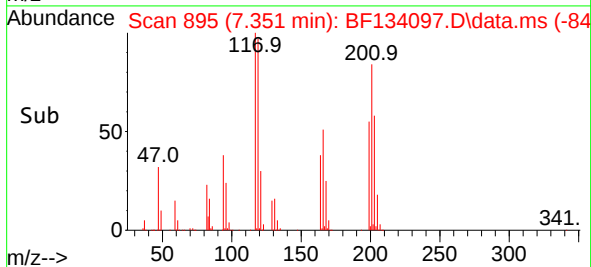
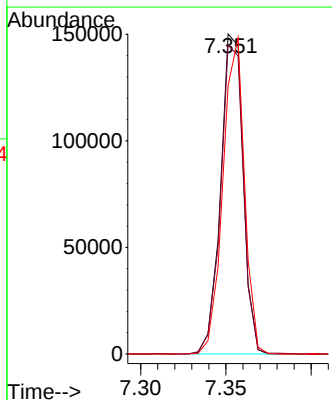
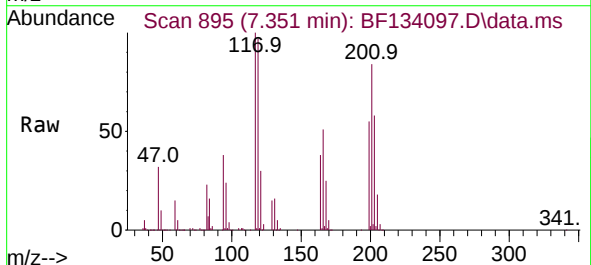
Manual Integrations
APPROVED

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



#18
Hexachloroethane
Concen: 46.375 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

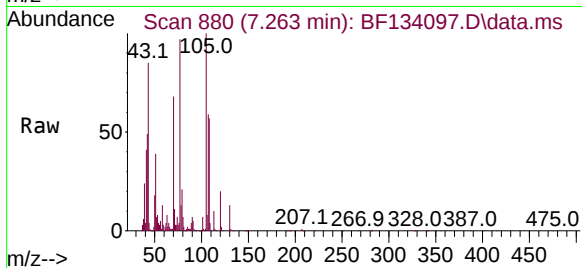
Tgt Ion:117 Resp: 138671
Ion Ratio Lower Upper
117 100
119 96.5 74.2 111.4
201 83.9 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 42.092 ng
RT: 7.263 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

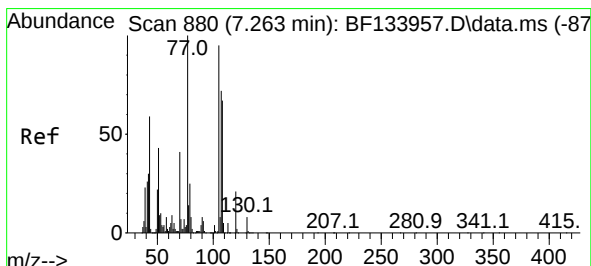
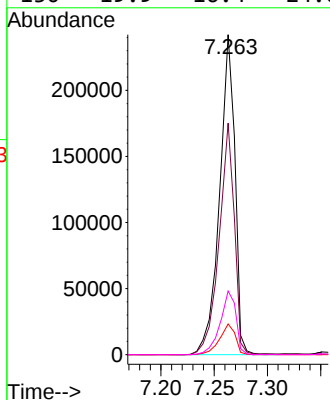
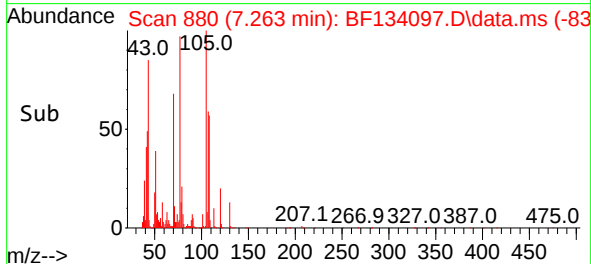
Instrument :
BNA_F
ClientSampleId :
PB153188BSD



Tgt Ion: 70 Resp: 242180
Ion Ratio Lower Upper
70 100
42 72.3 54.7 82.1
101 9.6 7.7 11.5
130 19.9 16.4 24.6

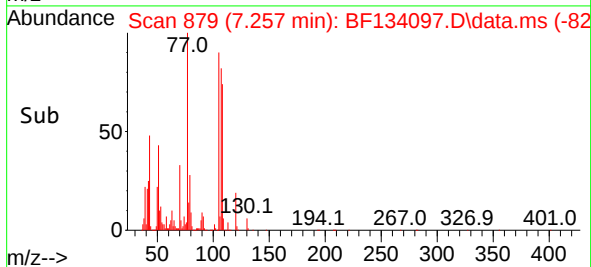
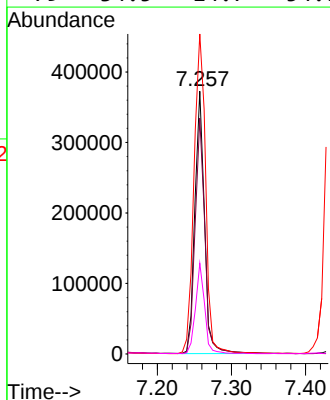
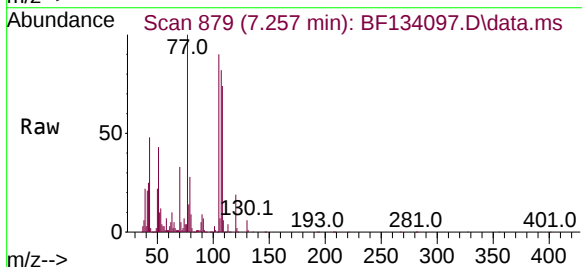
Manual Integrations
APPROVED

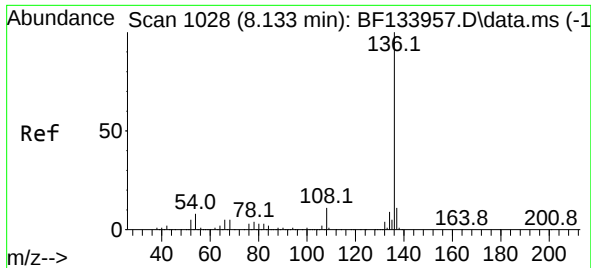
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#20
3+4-Methylphenols
Concen: 41.412 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

Tgt Ion:107 Resp: 336925
Ion Ratio Lower Upper
107 100
108 89.7 73.2 113.2
77 121.8 118.3 158.3
79 34.5 14.7 54.7





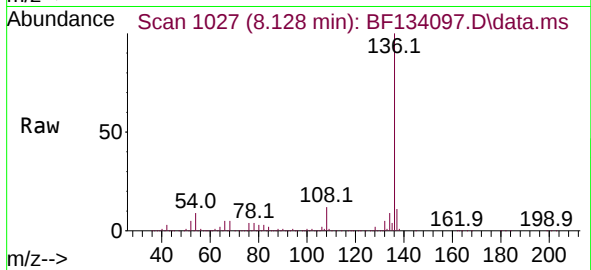
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

Instrument :

BNA_F

ClientSampleId :

PB153188BSD



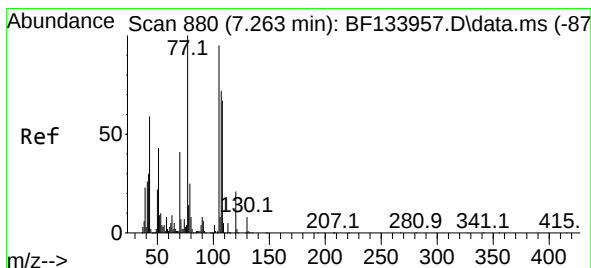
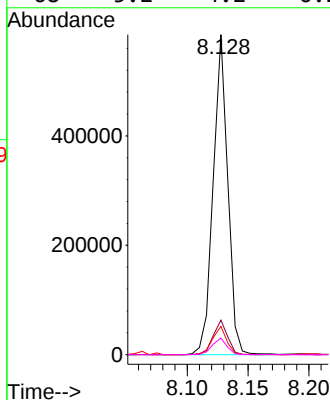
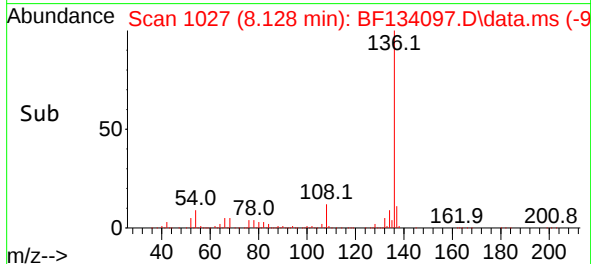
Tgt Ion:136 Resp: 488312
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 8.9 6.5 9.7
68 5.2 4.2 6.2

Manual Integrations

APPROVED

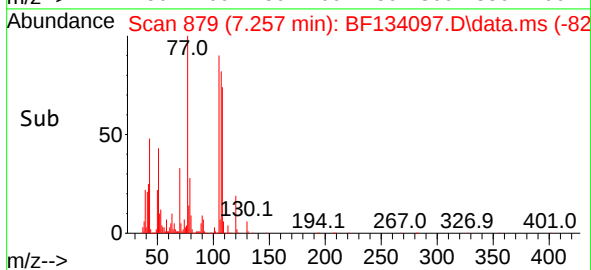
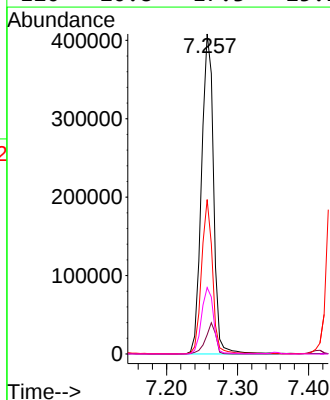
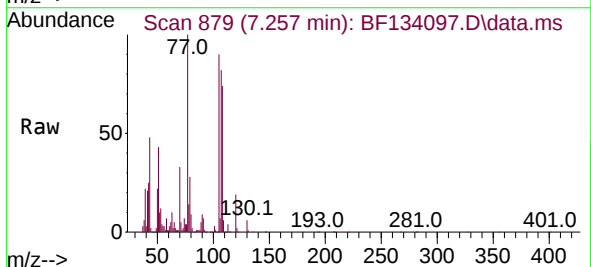
Reviewed By :Yogesh Patel 07/07/2023

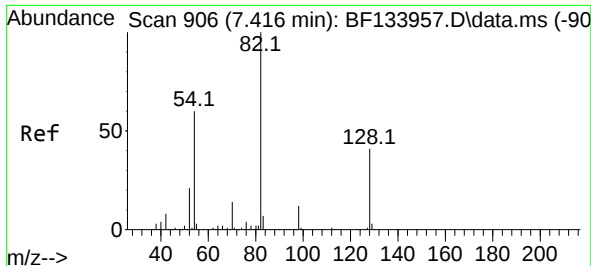
Supervised By :mohammad ahmed 07/07/2023



#22
Acetophenone
Concen: 43.477 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

Tgt Ion:105 Resp: 482833
Ion Ratio Lower Upper
105 100
71 6.0 5.5 8.3
51 48.3 36.5 54.7
120 20.8 17.3 25.9





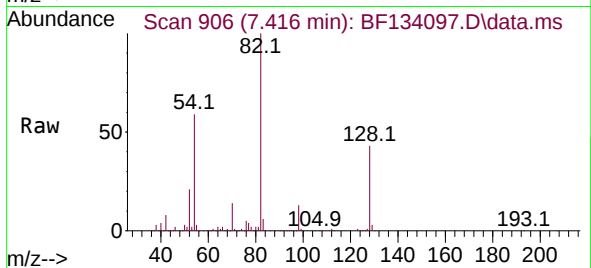
#23
Nitrobenzene-d5
Concen: 77.617 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

Instrument :

BNA_F

ClientSampleId :

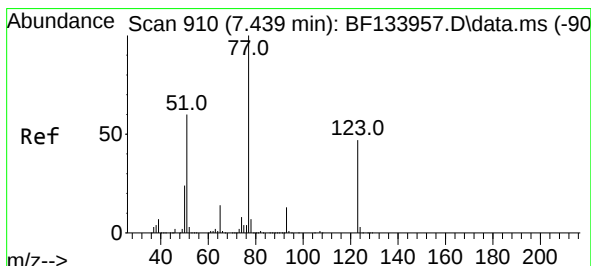
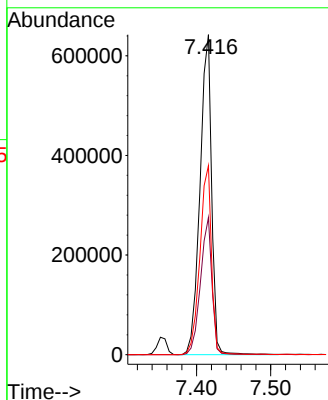
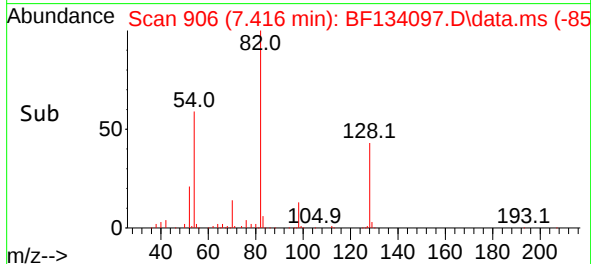
PB153188BSD



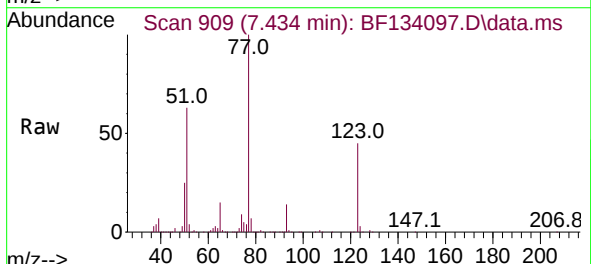
Tgt Ion: 82 Resp: 70310
Ion Ratio Lower Upper
82 100
128 42.8 32.5 48.7
54 59.0 48.2 72.2

Manual Integrations
APPROVED

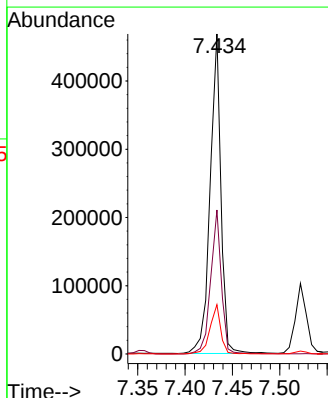
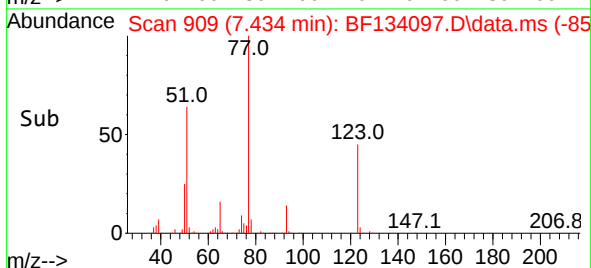
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

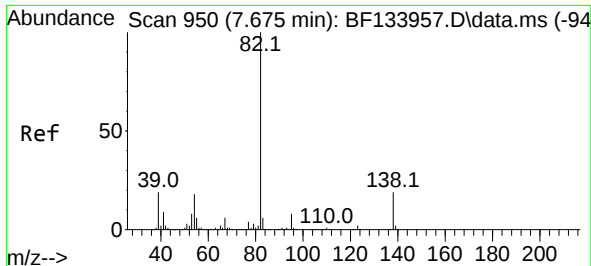


#24
Nitrobenzene
Concen: 40.582 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06



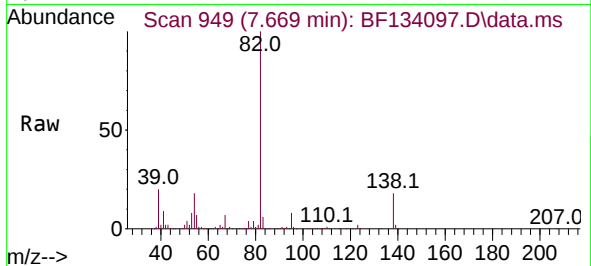
Tgt Ion: 77 Resp: 371487
Ion Ratio Lower Upper
77 100
123 45.0 37.8 56.6
65 15.4 11.3 16.9





#25
Isophorone
Concen: 41.475 ng
RT: 7.669 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

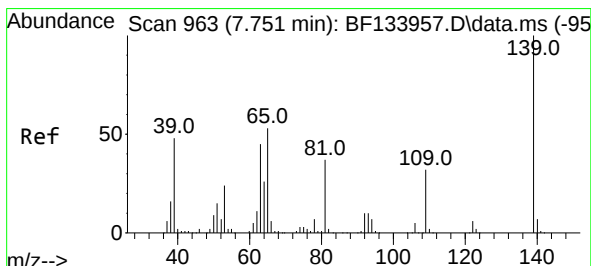
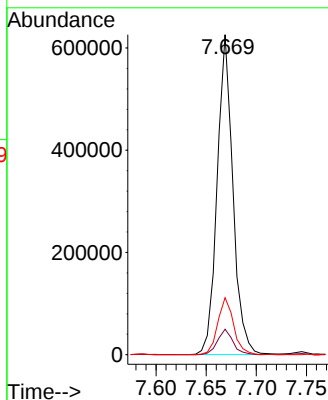
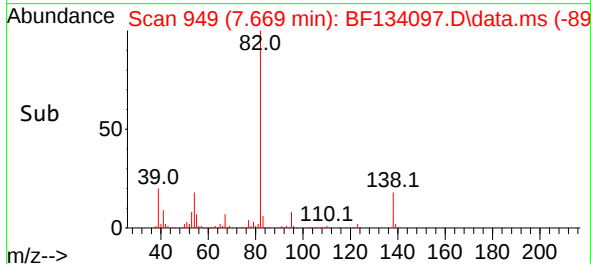
Instrument :
BNA_F
ClientSampleId :
PB153188BSD



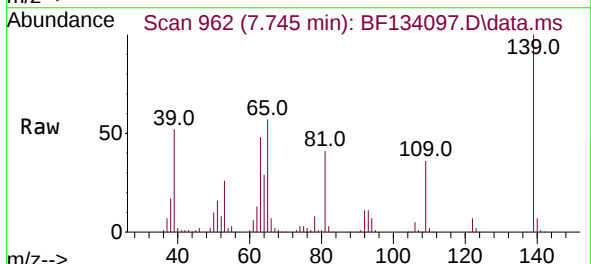
Tgt Ion: 82 Resp: 68283
Ion Ratio Lower Upper
82 100
95 7.9 6.1 9.1
138 17.8 15.2 22.8

Manual Integrations
APPROVED

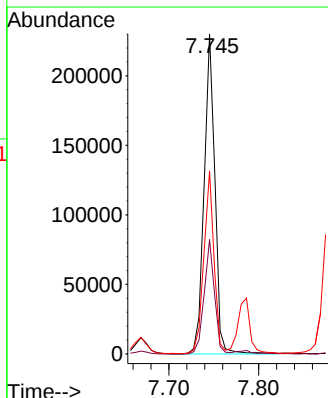
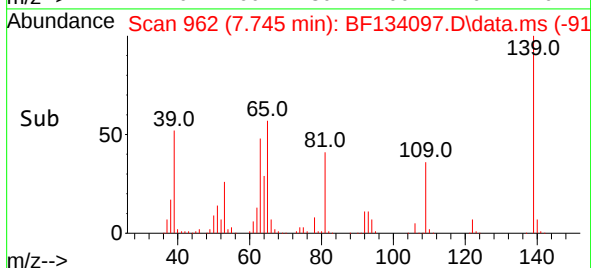
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

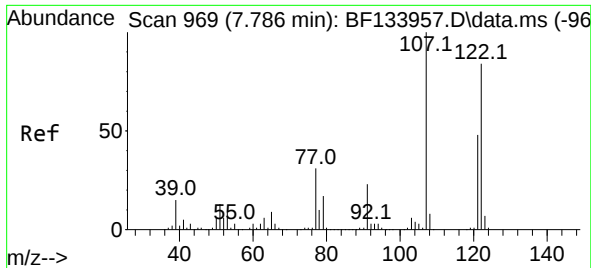


#26
2-Nitrophenol
Concen: 43.776 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06



Tgt Ion:139 Resp: 192234
Ion Ratio Lower Upper
139 100
109 35.8 25.8 38.8
65 57.1 42.4 63.6





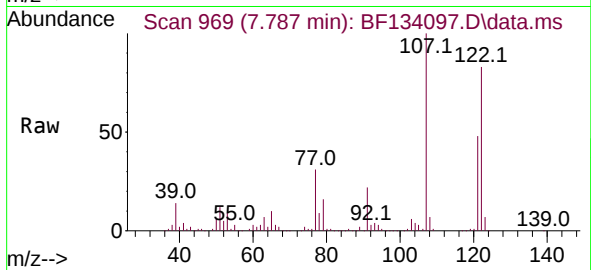
#27
2,4-Dimethylphenol
Concen: 43.576 ng
RT: 7.787 min Scan# 909
Delta R.T. -0.000 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

Instrument :

BNA_F

ClientSampleId :

PB153188BSD



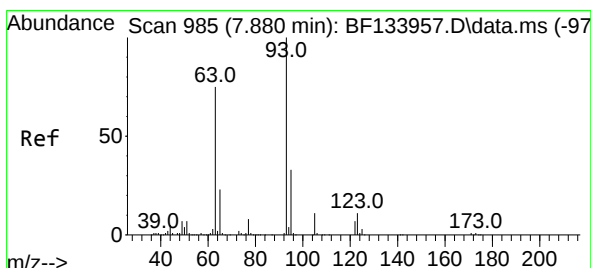
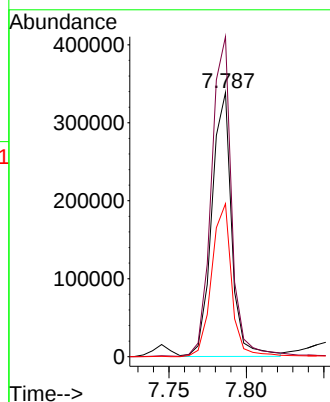
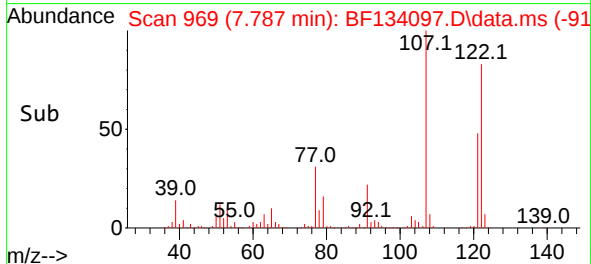
Tgt Ion:122 Resp: 302902
Ion Ratio Lower Upper
122 100
107 121.1 95.5 143.3
121 57.9 45.5 68.3

Manual Integrations

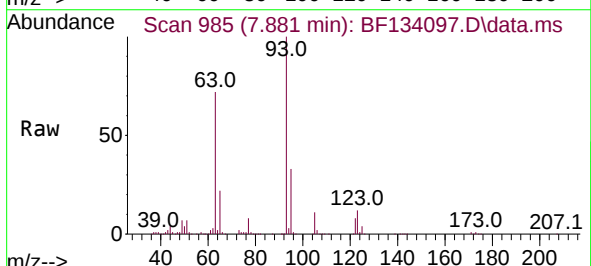
APPROVED

Reviewed By :Yogesh Patel 07/07/2023

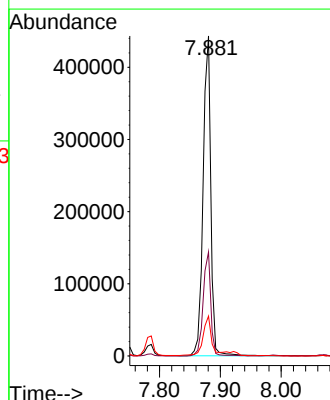
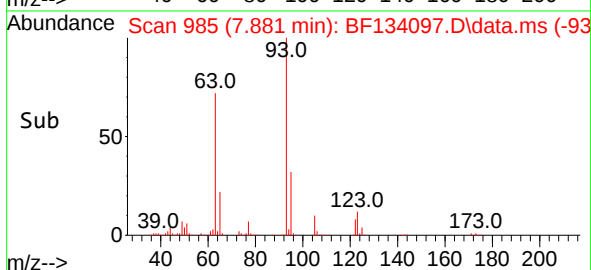
Supervised By :mohammad ahmed 07/07/2023

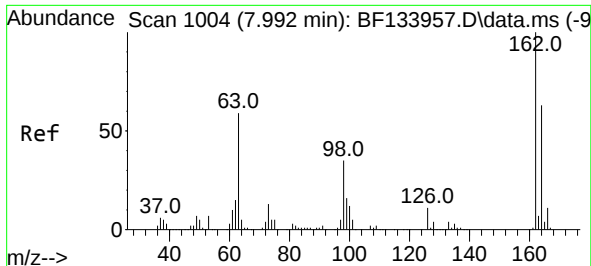


#28
bis(2-Chloroethoxy)methane
Concen: 40.714 ng
RT: 7.881 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06



Tgt Ion: 93 Resp: 388124
Ion Ratio Lower Upper
93 100
95 32.5 26.5 39.7
123 12.5 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 41.934 ng

RT: 7.986 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BF134097.D

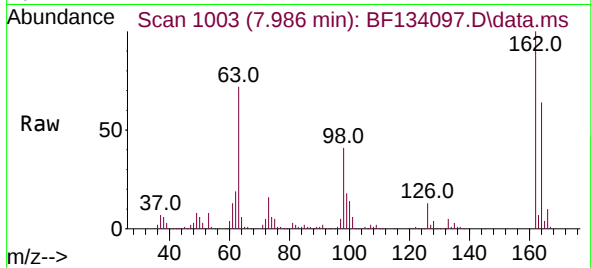
Acq: 06 Jul 2023 14:06

Instrument :

BNA_F

ClientSampleId :

PB153188BSD



Tgt Ion:162 Resp: 28904

Ion Ratio Lower Upper

162 100

164 64.1 43.2 83.2

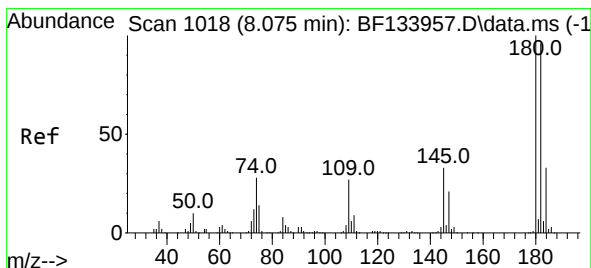
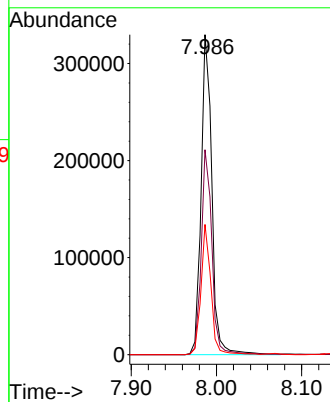
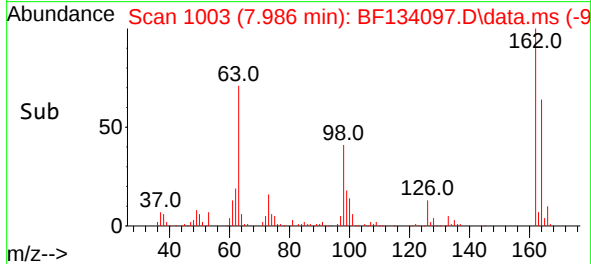
98 40.7 14.9 54.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.925 ng

RT: 8.069 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BF134097.D

Acq: 06 Jul 2023 14:06

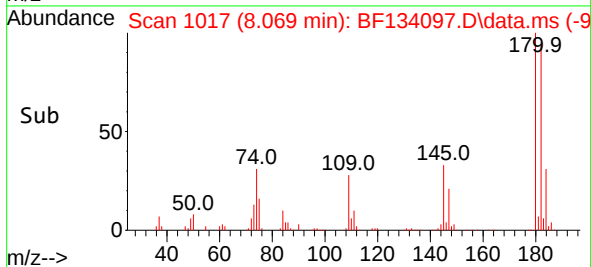
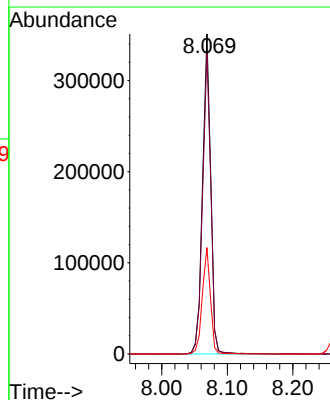
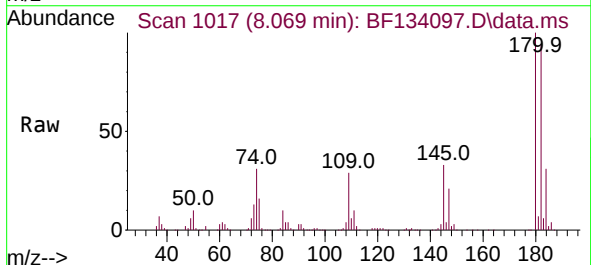
Tgt Ion:180 Resp: 305298

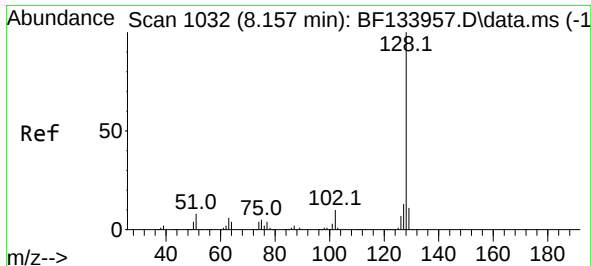
Ion Ratio Lower Upper

180 100

182 93.9 77.1 115.7

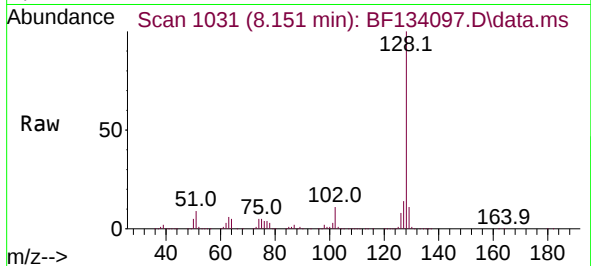
145 33.3 26.0 39.0





#31
Naphthalene
Concen: 40.332 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

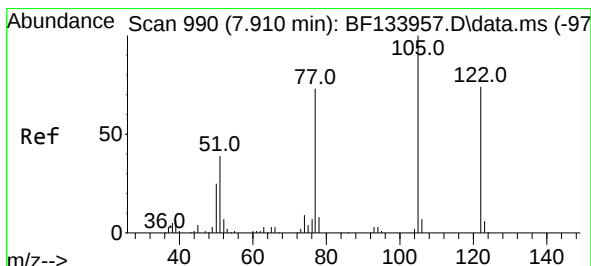
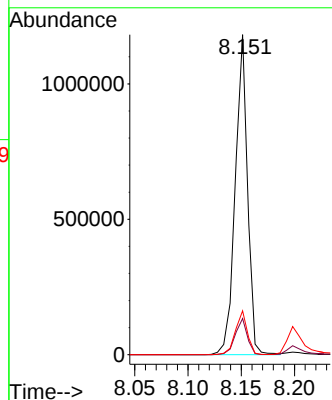
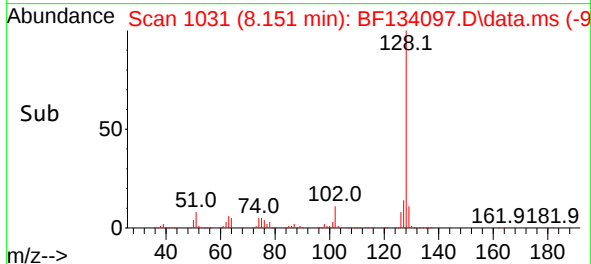
Instrument :
BNA_F
ClientSampleId :
PB153188BSD



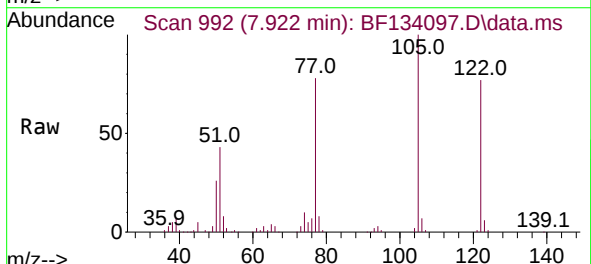
Tgt Ion:128 Resp: 951310
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.7 10.6 15.8

Manual Integrations
APPROVED

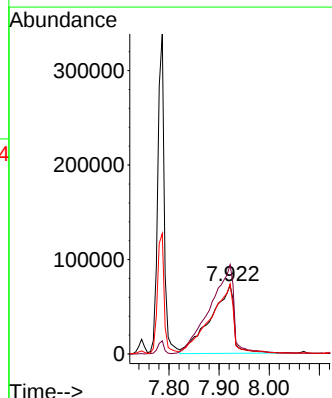
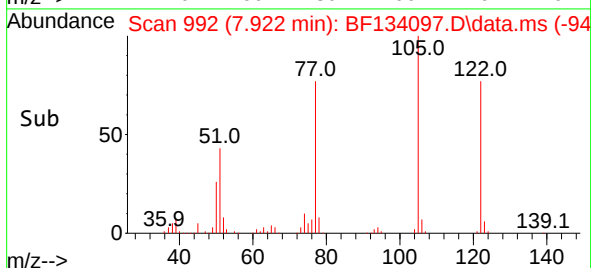
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

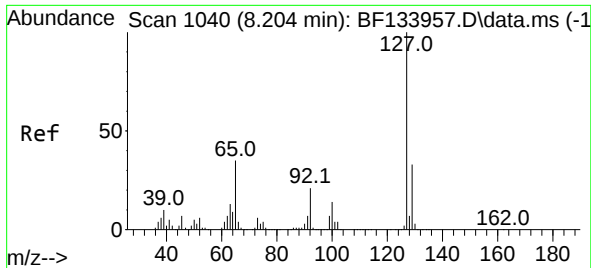


#32
Benzoic acid
Concen: 45.781 ng
RT: 7.922 min Scan# 992
Delta R.T. 0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06



Tgt Ion:122 Resp: 238460
Ion Ratio Lower Upper
122 100
105 130.4 109.7 149.7
77 102.2 76.0 116.0





#33
4-Chloroaniline
Concen: 11.735 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

Instrument :

BNA_F

ClientSampleId :

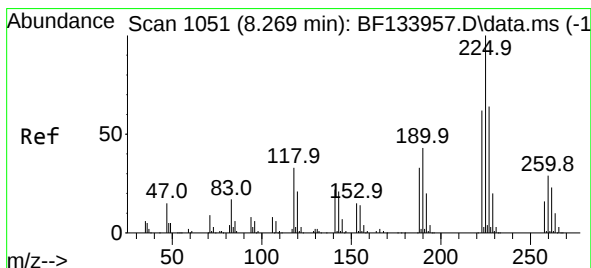
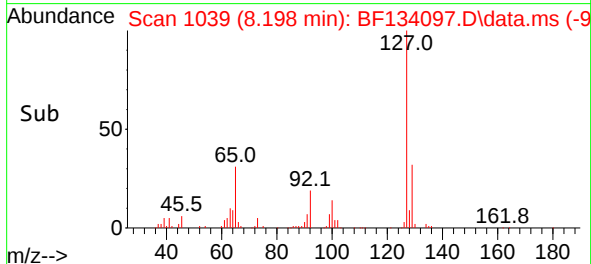
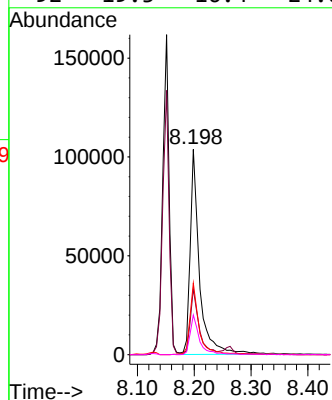
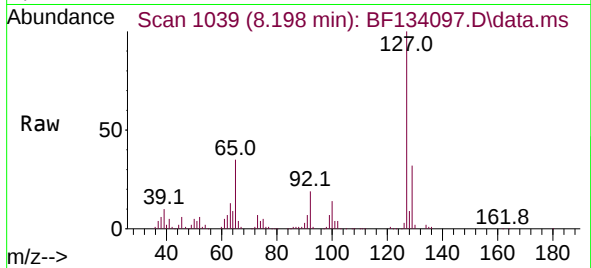
PB153188BSD

Tgt Ion:127 Resp: 118402
Ion Ratio Lower Upper
127 100
129 32.0 26.4 39.6
65 34.8 27.8 41.8
92 19.3 16.4 24.6

Manual Integrations

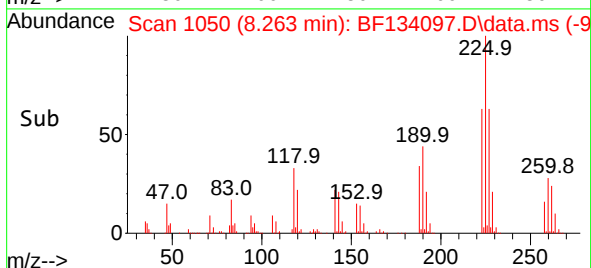
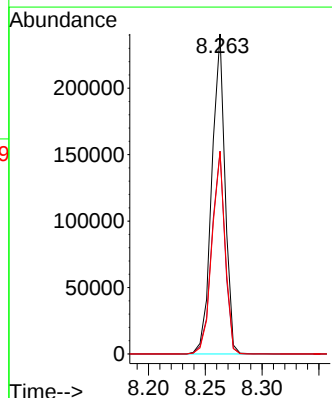
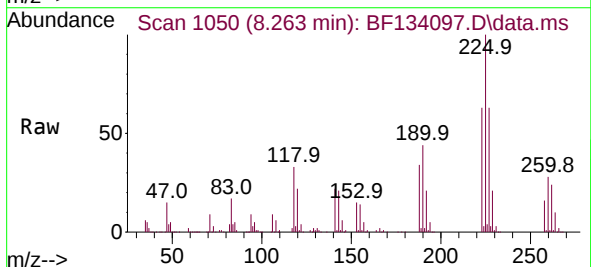
APPROVED

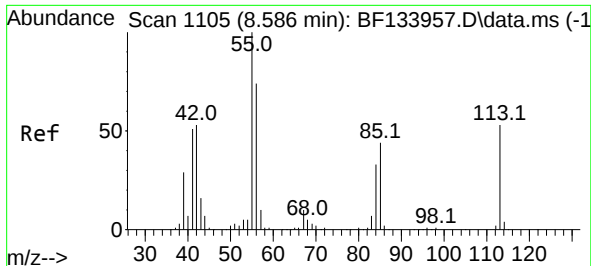
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#34
Hexachlorobutadiene
Concen: 43.349 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.000 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

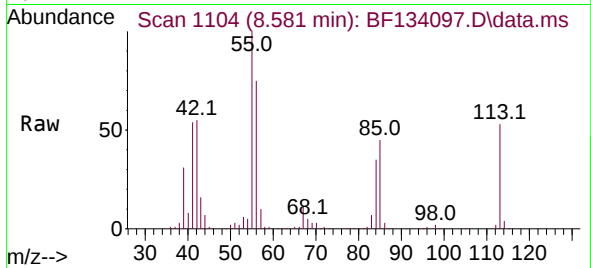
Tgt Ion:225 Resp: 194487
Ion Ratio Lower Upper
225 100
223 63.3 49.8 74.8
227 63.2 51.0 76.4





#35
Caprolactam
Concen: 43.755 ng m
RT: 8.581 min Scan# 1104
Delta R.T. -0.012 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

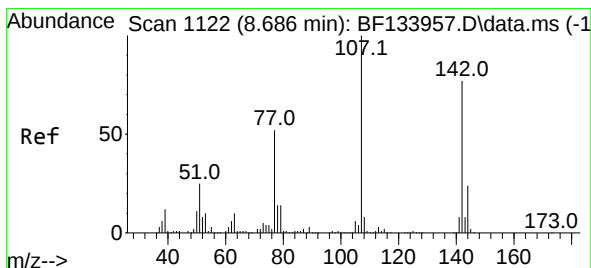
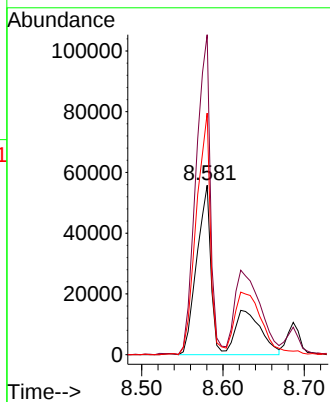
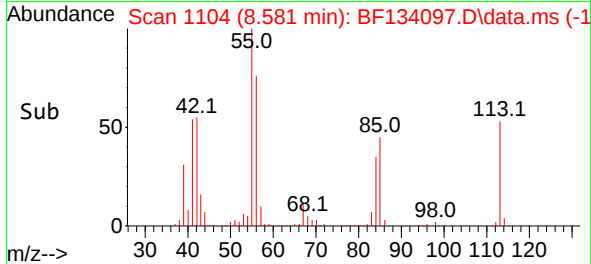
Instrument :
BNA_F
ClientSampleId :
PB153188BSD



Tgt Ion:113 Resp: 9930
Ion Ratio Lower Upper
113 100
55 188.8 170.2 210.2
56 142.5 121.4 161.4

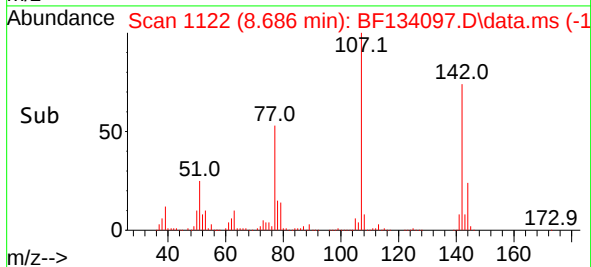
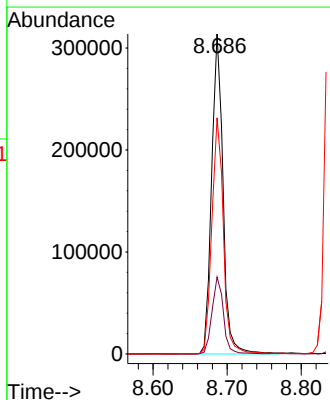
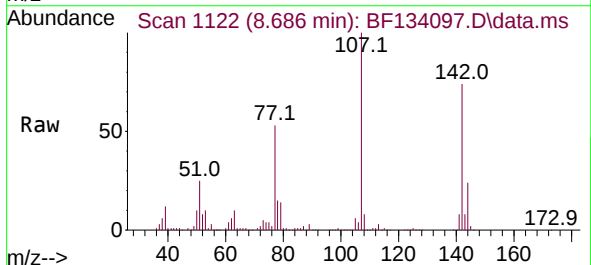
Manual Integrations
APPROVED

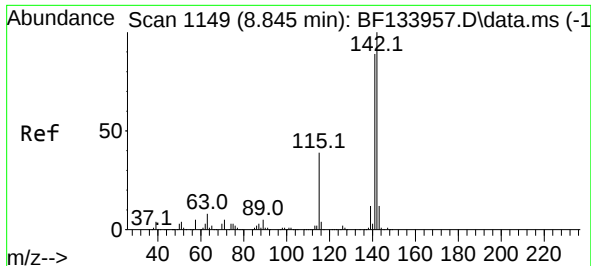
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#36
4-Chloro-3-methylphenol
Concen: 43.149 ng
RT: 8.686 min Scan# 1122
Delta R.T. -0.000 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

Tgt Ion:107 Resp: 334123
Ion Ratio Lower Upper
107 100
144 24.0 19.6 29.4
142 73.8 61.4 92.2





#37

2-Methylnaphthalene

Concen: 38.938 ng

RT: 8.839 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BF134097.D

Acq: 06 Jul 2023 14:06

Instrument :

BNA_F

ClientSampleId :

PB153188BSD

Tgt Ion:142 Resp: 649480

Ion Ratio Lower Upper

142 100

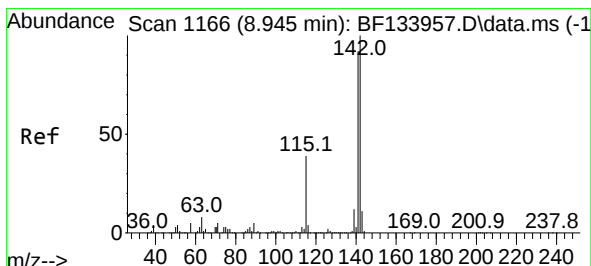
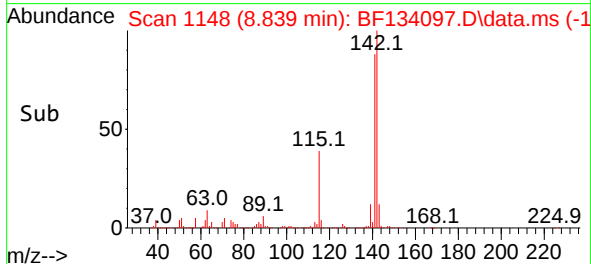
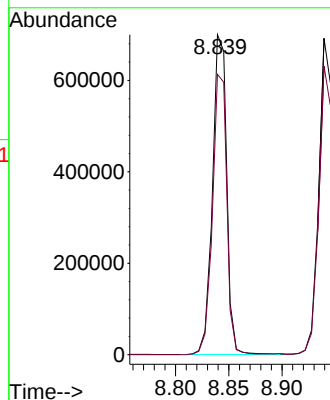
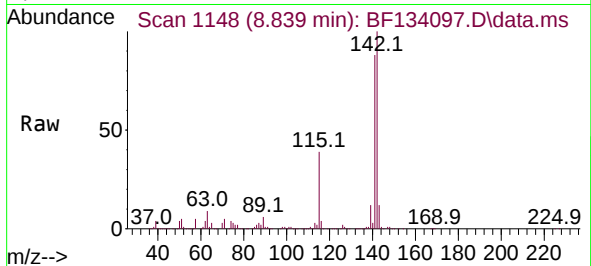
141 87.6 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#38

1-Methylnaphthalene

Concen: 39.425 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF134097.D

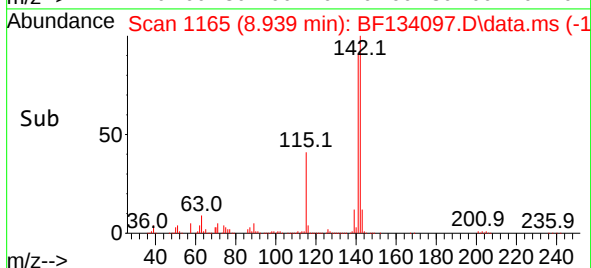
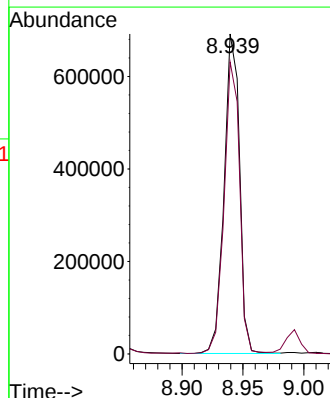
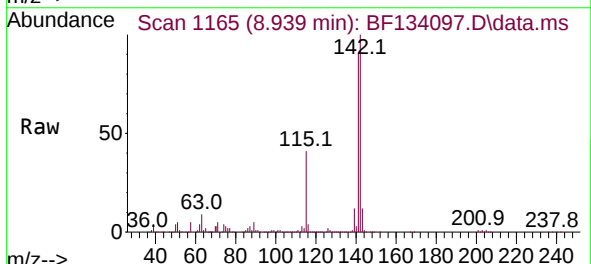
Acq: 06 Jul 2023 14:06

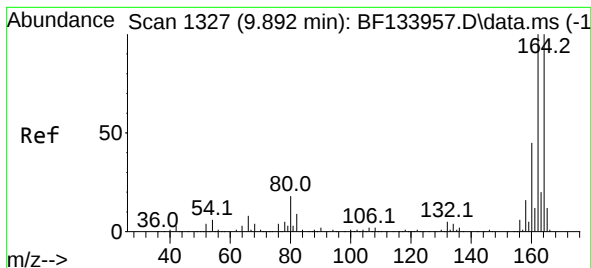
Tgt Ion:142 Resp: 611327

Ion Ratio Lower Upper

142 100

141 91.3 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1177

Delta R.T. -0.006 min

Lab File: BF134097.D

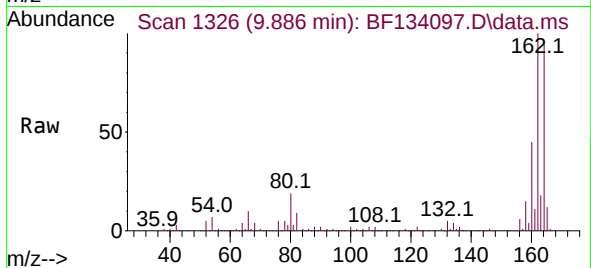
Acq: 06 Jul 2023 14:06

Instrument :

BNA_F

ClientSampleId :

PB153188BSD



Tgt Ion:164 Resp: 25136

Ion Ratio Lower Upper

164 100

162 103.7 80.0 120.0

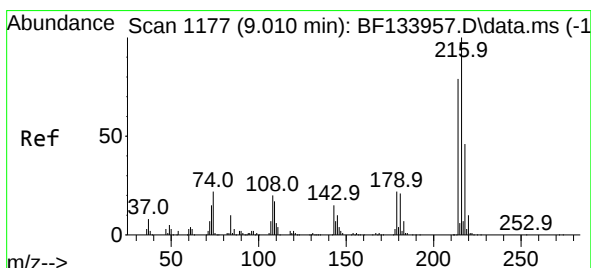
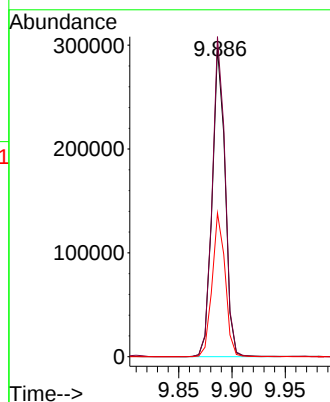
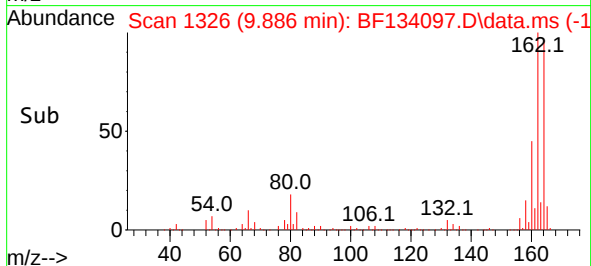
160 46.5 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.389 ng

RT: 9.010 min Scan# 1177

Delta R.T. -0.000 min

Lab File: BF134097.D

Acq: 06 Jul 2023 14:06

Tgt Ion:216 Resp: 315674

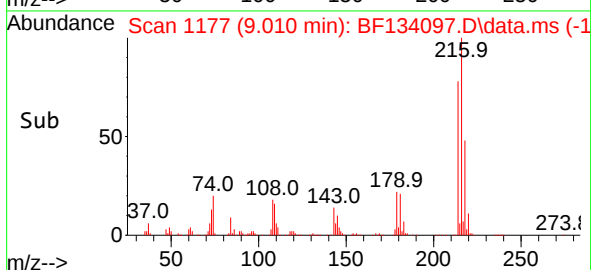
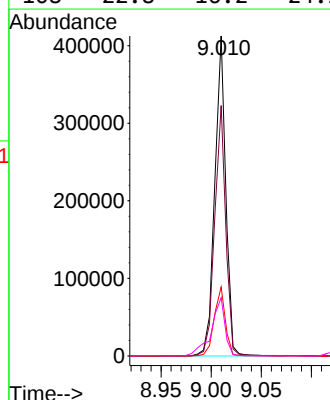
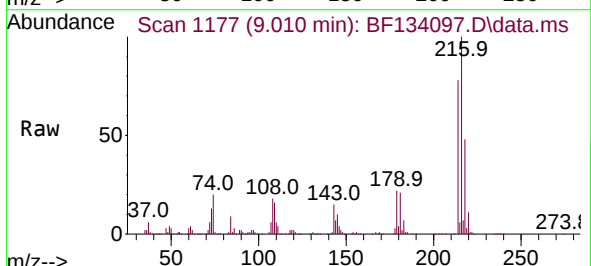
Ion Ratio Lower Upper

216 100

214 78.8 64.1 96.1

179 21.7 17.3 25.9

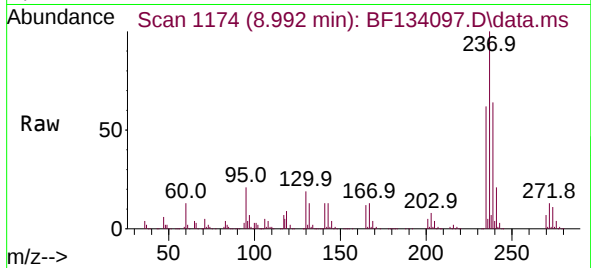
108 22.8 16.2 24.2





#41
Hexachlorocyclopentadiene
Concen: 92.244 ng
RT: 8.992 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

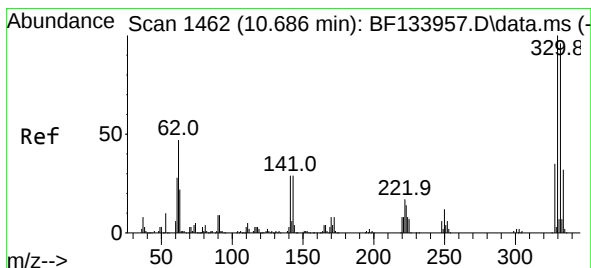
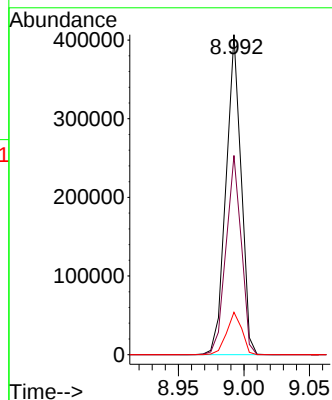
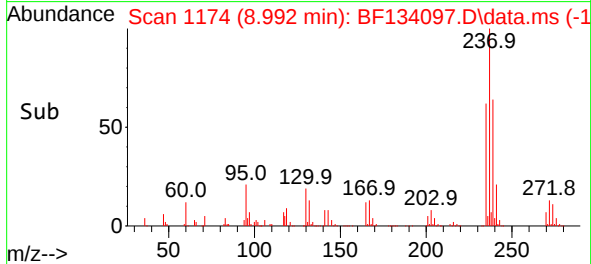
Instrument :
BNA_F
ClientSampleId :
PB153188BSD



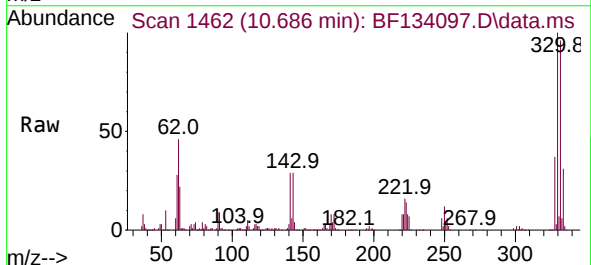
Tgt Ion:237 Resp: 32590
Ion Ratio Lower Upper
237 100
235 62.3 42.8 82.8
272 13.3 0.0 34.6

Manual Integrations
APPROVED

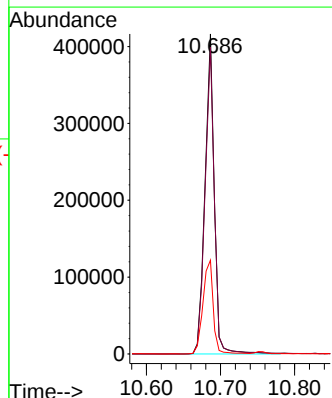
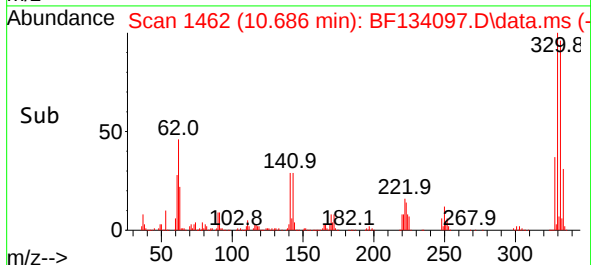
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

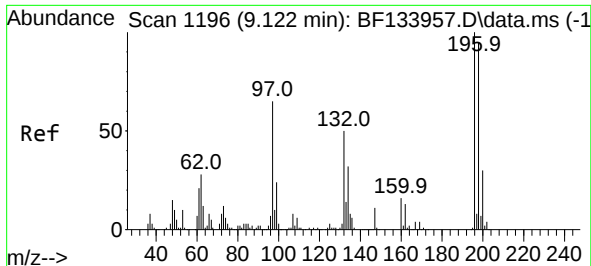


#42
2,4,6-Tribromophenol
Concen: 115.178 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06



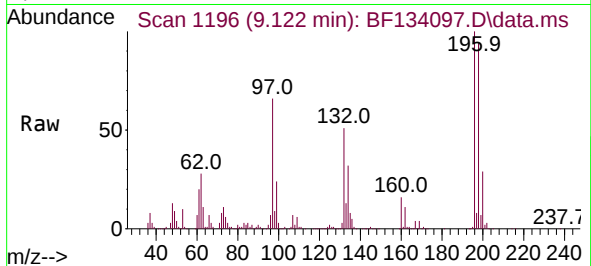
Tgt Ion:330 Resp: 362998
Ion Ratio Lower Upper
330 100
332 97.5 77.0 115.6
141 32.5 26.3 39.5





#43
2,4,6-Trichlorophenol
Concen: 41.799 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

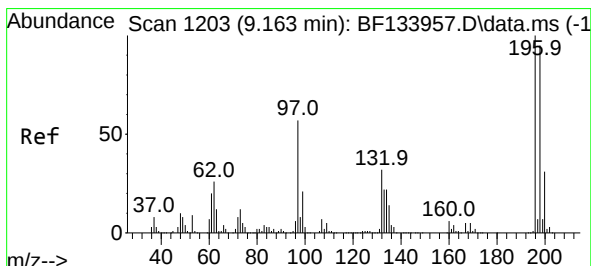
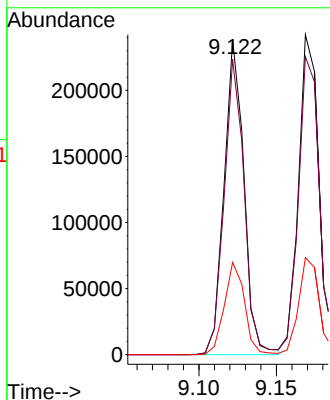
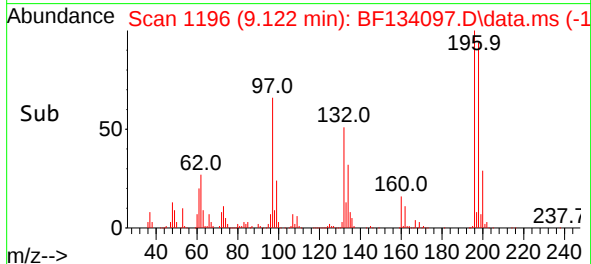
Instrument :
BNA_F
ClientSampleId :
PB153188BSD



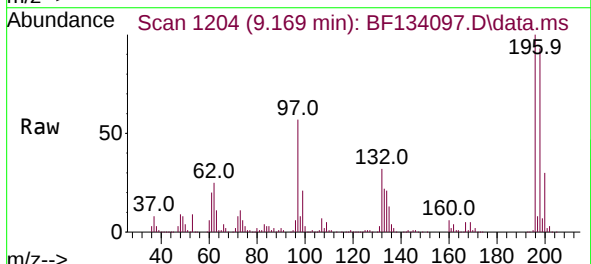
Tgt Ion:196 Resp: 21190
Ion Ratio Lower Upper
196 100
198 93.6 75.6 113.4
200 29.3 24.4 36.6

Manual Integrations
APPROVED

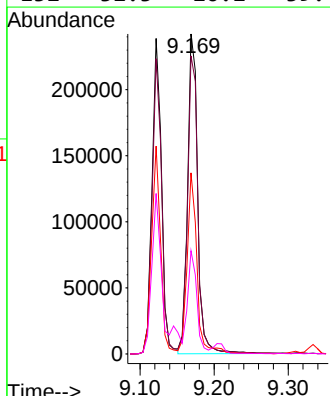
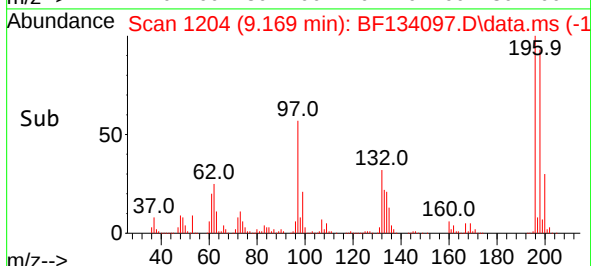
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

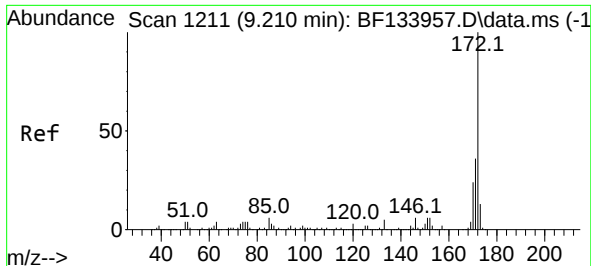


#44
2,4,5-Trichlorophenol
Concen: 38.567 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.000 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06



Tgt Ion:196 Resp: 229981
Ion Ratio Lower Upper
196 100
198 93.2 75.7 113.5
97 56.6 45.8 68.6
132 32.3 26.2 39.4





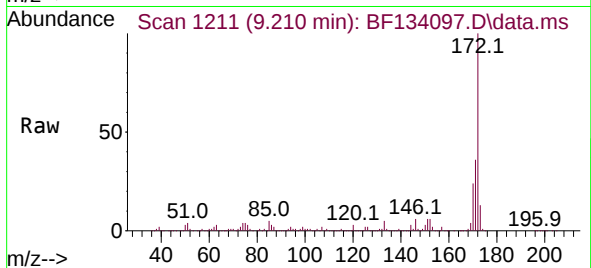
#45
2-Fluorobiphenyl
Concen: 75.992 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.000 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

Instrument :

BNA_F

ClientSampleId :

PB153188BSD



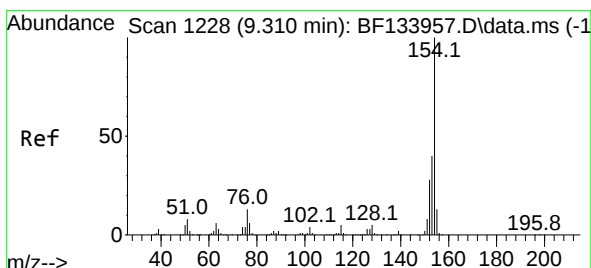
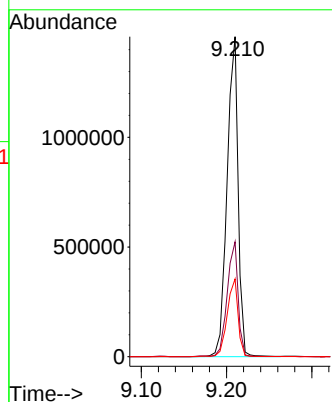
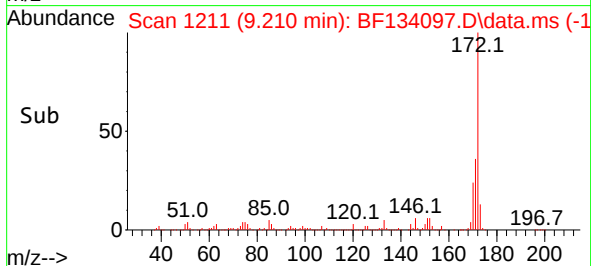
Tgt Ion:172 Resp: 1313820
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 24.3 19.4 29.0

Manual Integrations

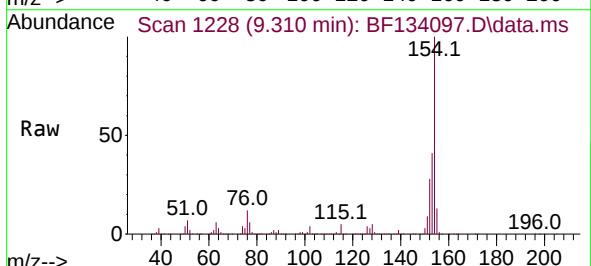
APPROVED

Reviewed By :Yogesh Patel 07/07/2023

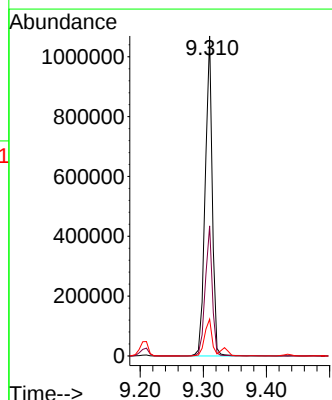
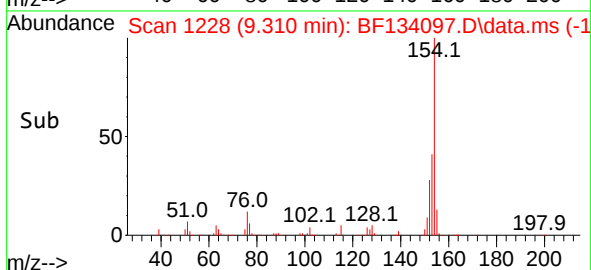
Supervised By :mohammad ahmed 07/07/2023

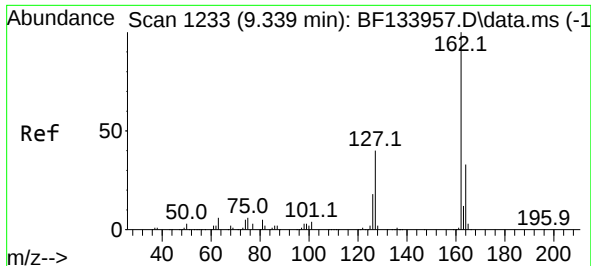


#46
1,1'-Biphenyl
Concen: 41.224 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06



Tgt Ion:154 Resp: 831221
Ion Ratio Lower Upper
154 100
153 40.6 19.8 59.8
76 11.5 0.0 32.9





#47
2-Chloronaphthalene
Concen: 41.840 ng
RT: 9.333 min Scan# 1233
Delta R.T. -0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

Instrument :

BNA_F

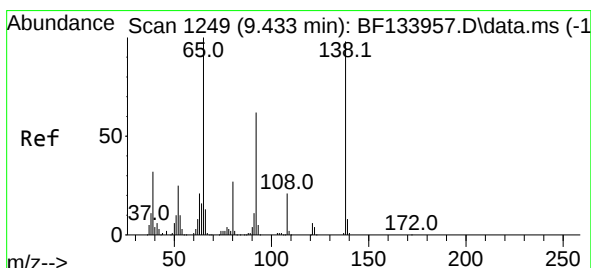
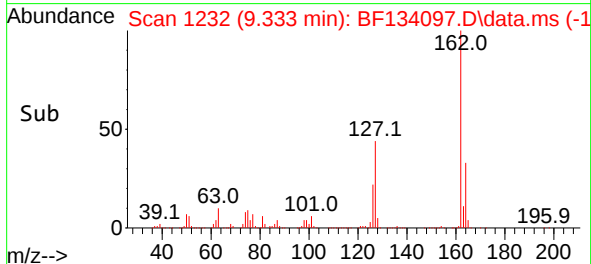
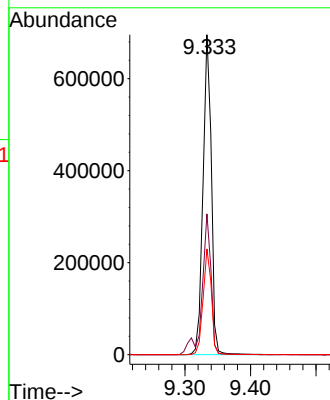
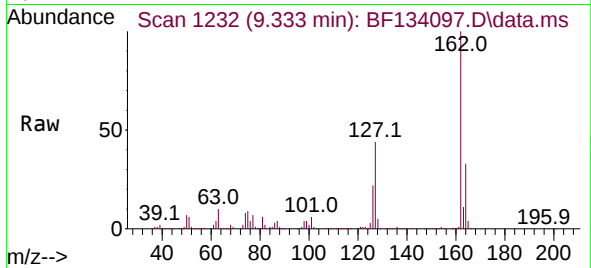
ClientSampleId :

PB153188BSD

Tgt Ion:162 Resp: 61726
Ion Ratio Lower Upper
162 100
127 44.0 32.9 49.3
164 33.0 26.1 39.1

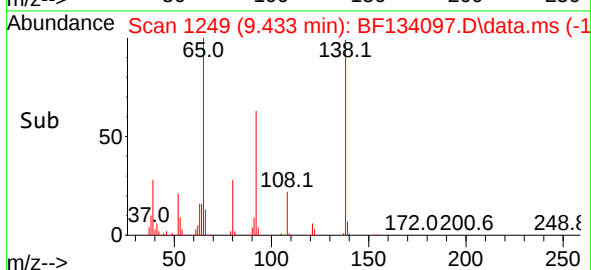
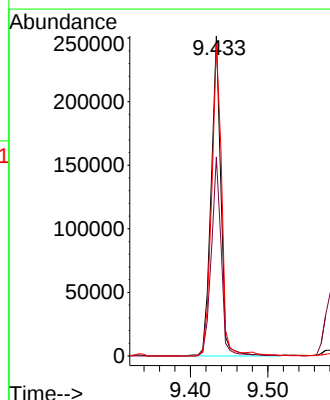
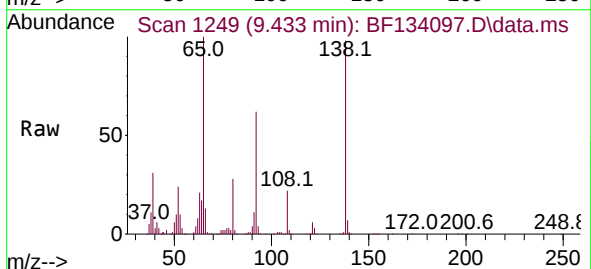
Manual Integrations
APPROVED

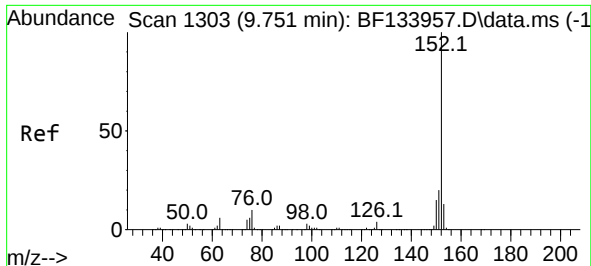
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#48
2-Nitroaniline
Concen: 41.006 ng
RT: 9.433 min Scan# 1249
Delta R.T. -0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

Tgt Ion: 65 Resp: 220477
Ion Ratio Lower Upper
65 100
92 62.2 49.5 74.3
138 97.5 78.0 117.0





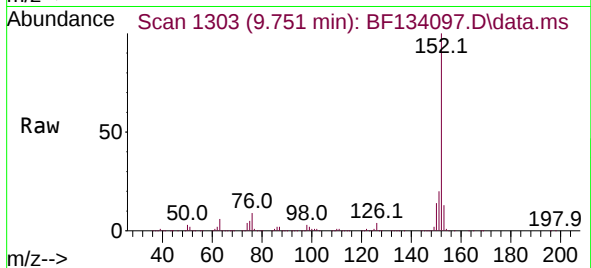
#49
Acenaphthylene
Concen: 39.950 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

Instrument :

BNA_F

ClientSampleId :

PB153188BSD



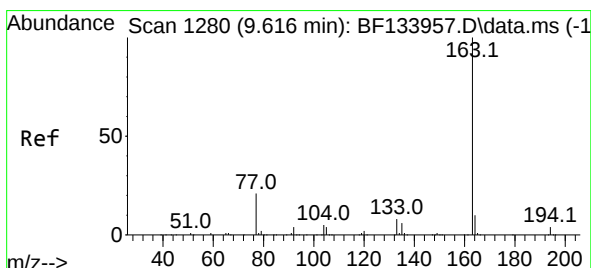
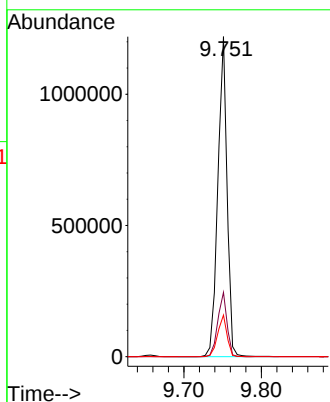
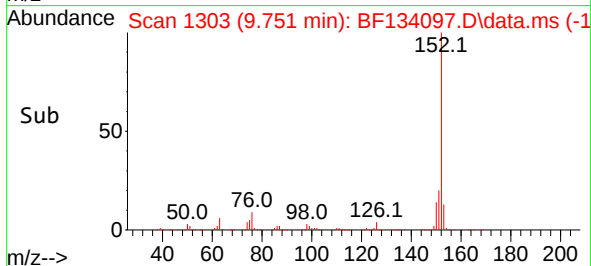
Tgt Ion:152 Resp: 1006820
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.0 10.8 16.2

Manual Integrations

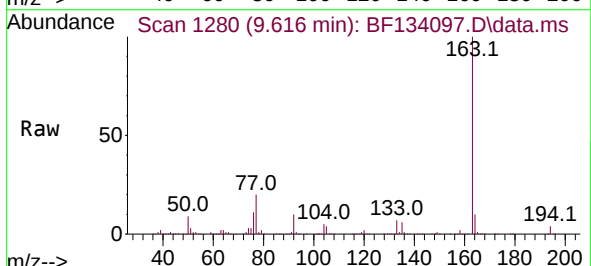
APPROVED

Reviewed By :Yogesh Patel 07/07/2023

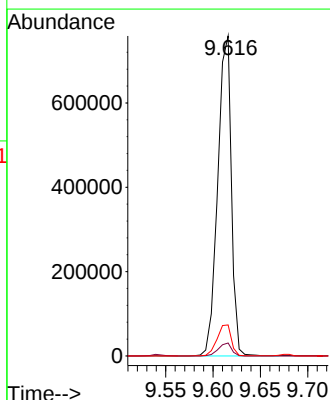
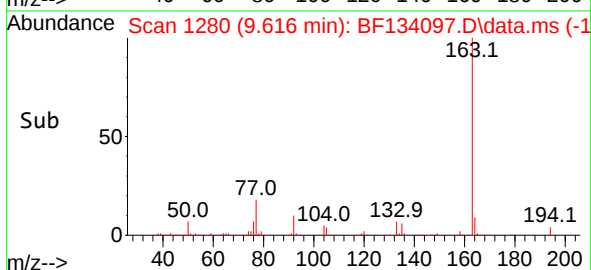
Supervised By :mohammad ahmed 07/07/2023

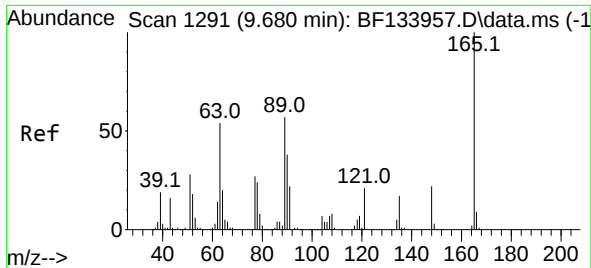


#50
Dimethylphthalate
Concen: 41.689 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06



Tgt Ion:163 Resp: 760677
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 9.7 8.2 12.2





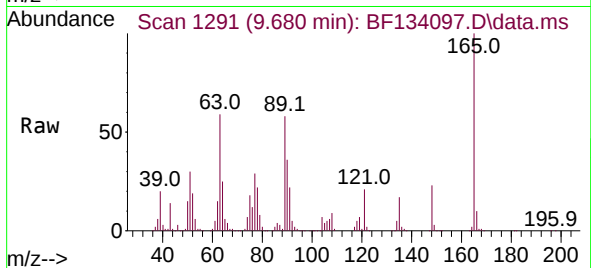
#51
2,6-Dinitrotoluene
Concen: 42.289 ng
RT: 9.680 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

Instrument :

BNA_F

ClientSampleId :

PB153188BSD

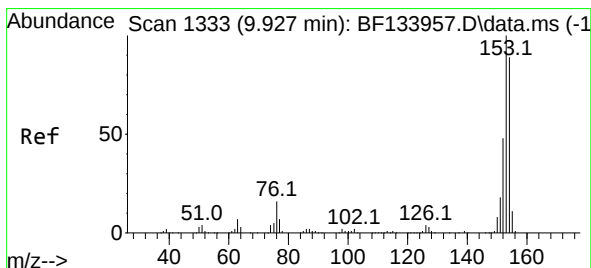
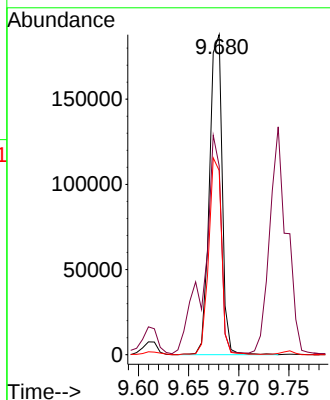
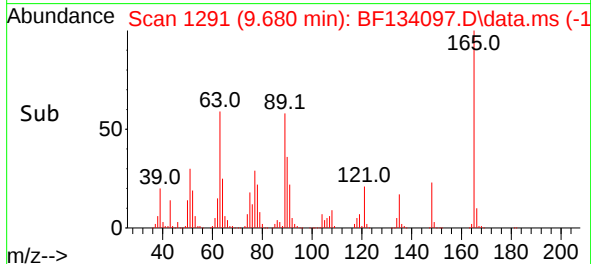


Tgt Ion:165 Resp: 16619
Ion Ratio Lower Upper
165 100
63 59.1 48.5 72.7
89 57.6 45.5 68.3

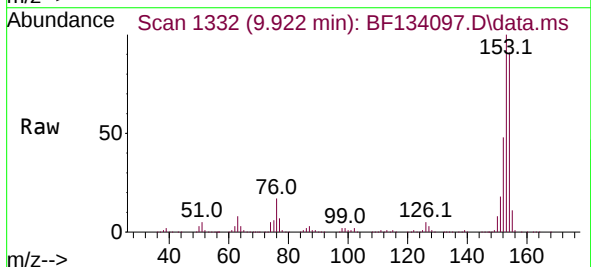
Manual Integrations

APPROVED

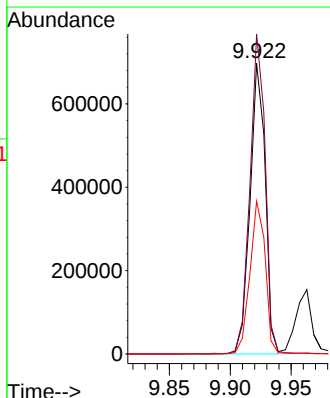
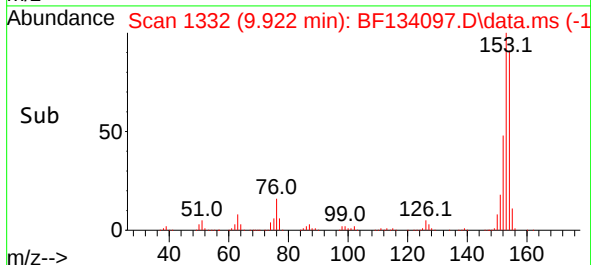
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

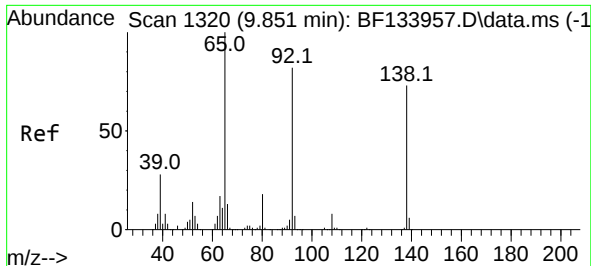


#52
Acenaphthene
Concen: 41.390 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06



Tgt Ion:154 Resp: 605263
Ion Ratio Lower Upper
154 100
153 110.1 89.4 134.2
152 52.6 42.8 64.2





#53
3-Nitroaniline
Concen: 23.677 ng
RT: 9.845 min Scan# 111629
Delta R.T. -0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

Instrument :

BNA_F

ClientSampleId :

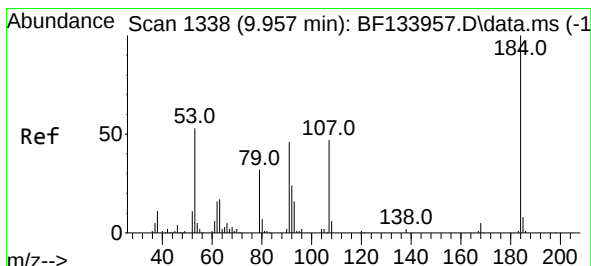
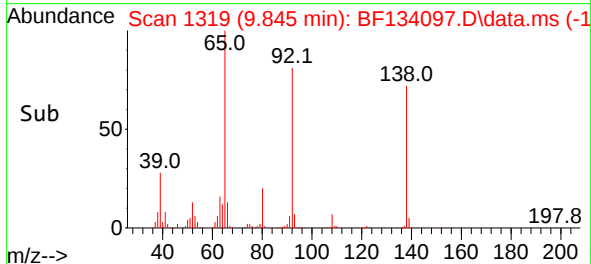
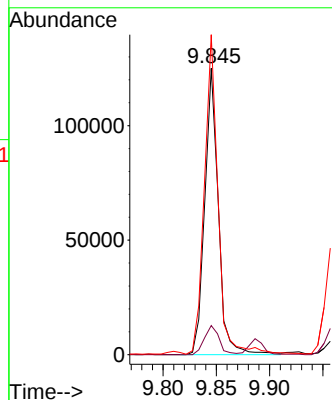
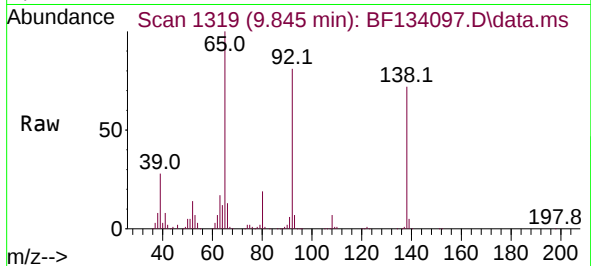
PB153188BSD

Tgt Ion:138 Resp: 111629
Ion Ratio Lower Upper
138 100
108 10.2 8.4 12.6
92 111.7 90.1 135.1

Manual Integrations

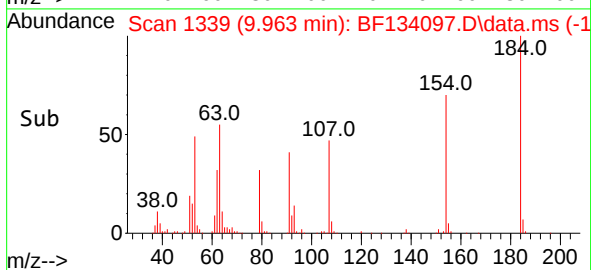
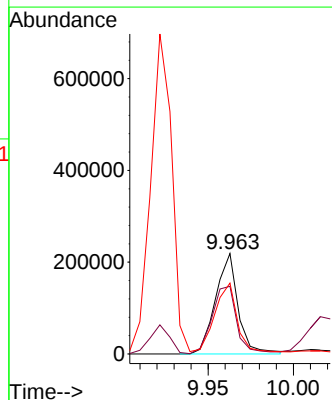
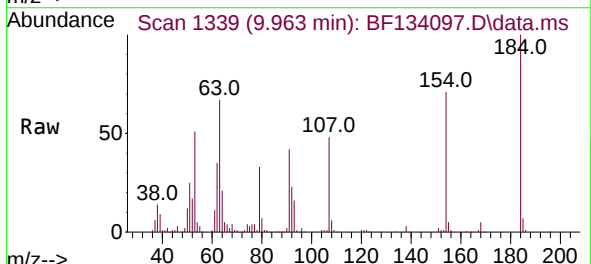
APPROVED

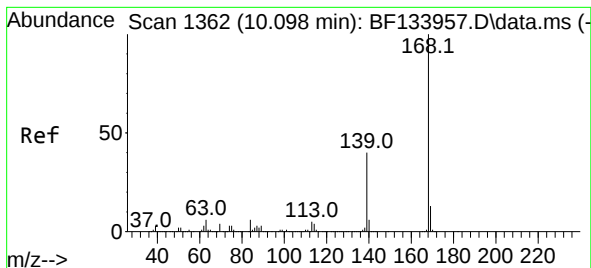
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#54
2,4-Dinitrophenol
Concen: 88.674 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

Tgt Ion:184 Resp: 202255
Ion Ratio Lower Upper
184 100
63 67.3 56.9 85.3
154 70.5 55.4 83.0





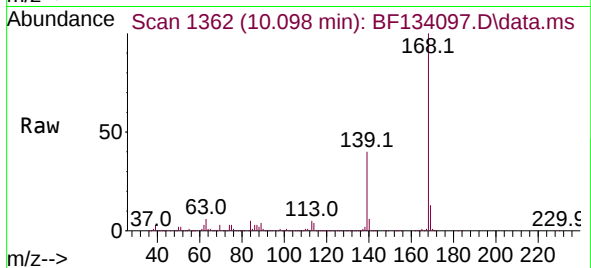
#55
Dibenzenofuran
Concen: 39.942 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

Instrument :

BNA_F

ClientSampleId :

PB153188BSD



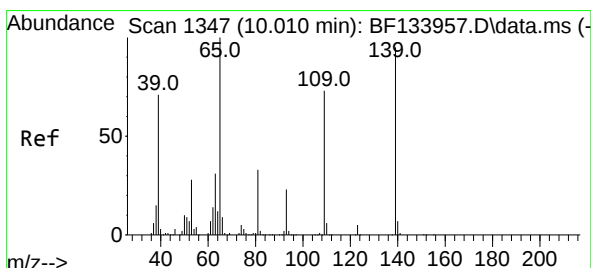
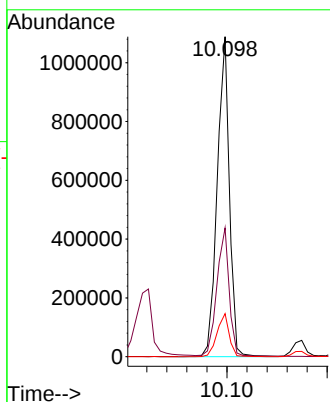
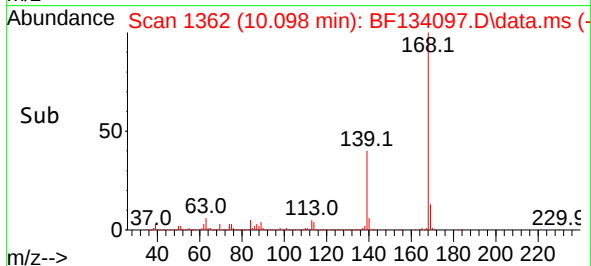
Tgt Ion:168 Resp: 912840
Ion Ratio Lower Upper
168 100
139 40.2 32.0 48.0
169 13.5 10.6 16.0

Manual Integrations

APPROVED

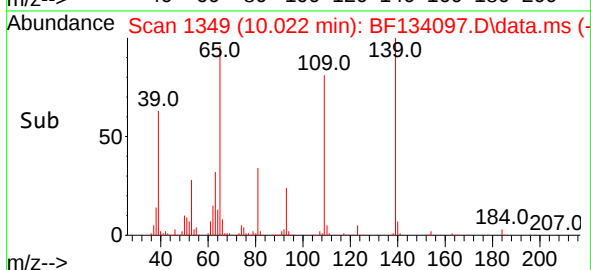
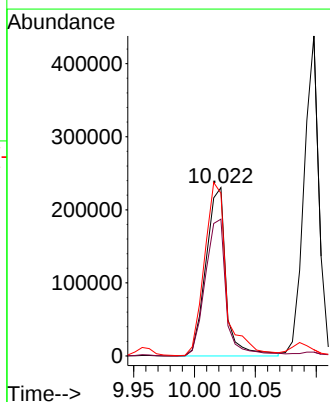
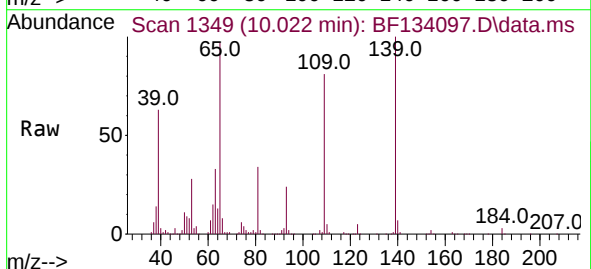
Reviewed By :Yogesh Patel 07/07/2023

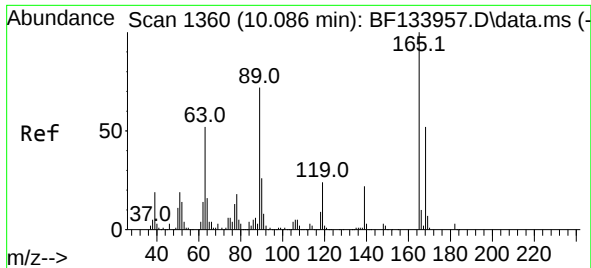
Supervised By :mohammad ahmed 07/07/2023



#56
4-Nitrophenol
Concen: 80.753 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

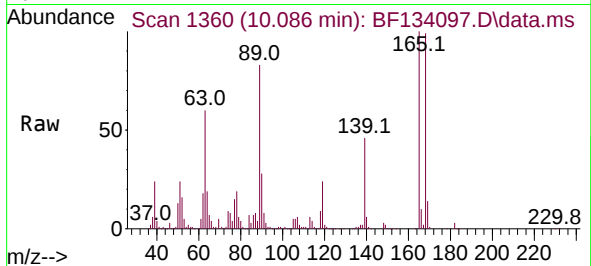
Tgt Ion:139 Resp: 266314
Ion Ratio Lower Upper
139 100
109 81.3 56.8 96.8
65 96.7 86.1 126.1





#57
2,4-Dinitrotoluene
Concen: 42.678 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

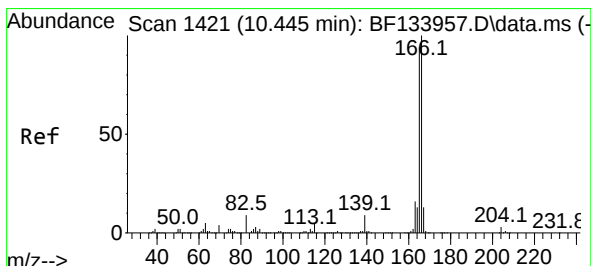
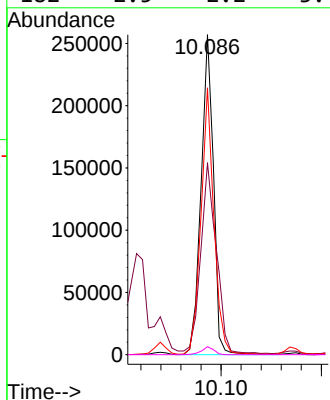
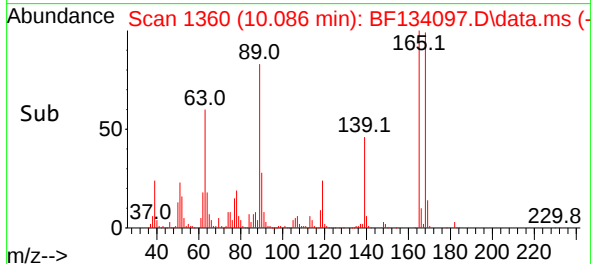
Instrument :
BNA_F
ClientSampleId :
PB153188BSD



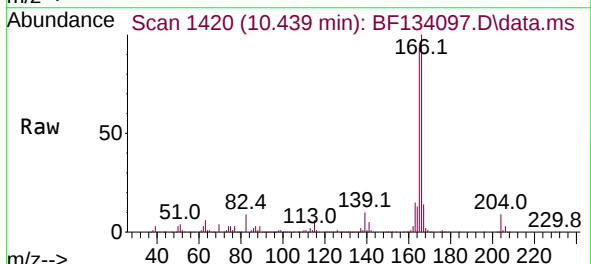
Tgt Ion:165 Resp: 221500
Ion Ratio Lower Upper
165 100
63 60.0 42.2 63.2
89 83.4 57.4 86.2
182 2.5 2.2 3.4

Manual Integrations
APPROVED

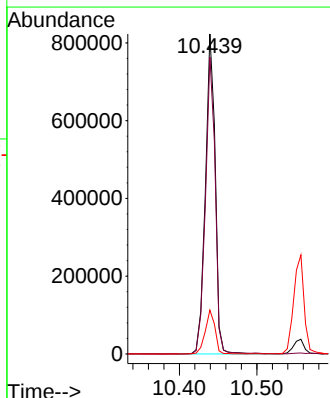
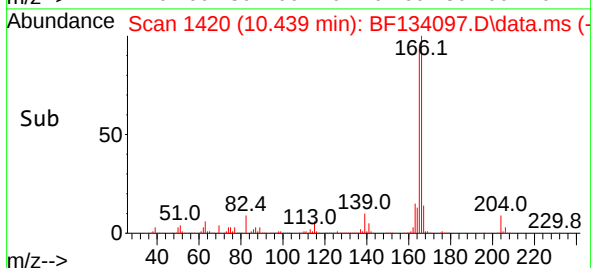
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

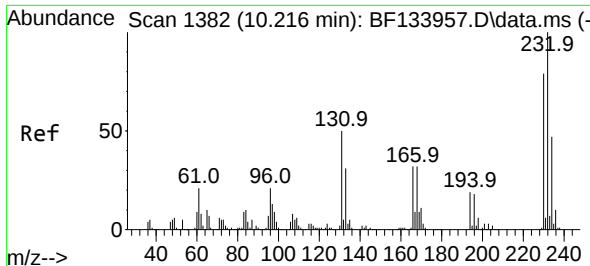


#58
Fluorene
Concen: 40.589 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06



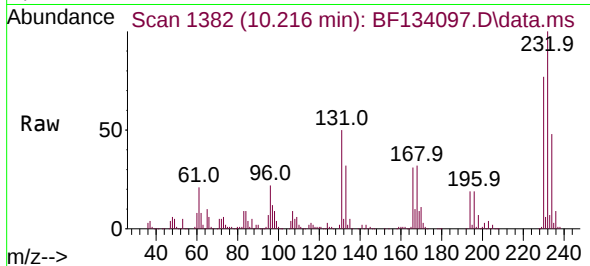
Tgt Ion:166 Resp: 721686
Ion Ratio Lower Upper
166 100
165 92.8 75.0 112.4
167 13.7 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.657 ng
RT: 10.216 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

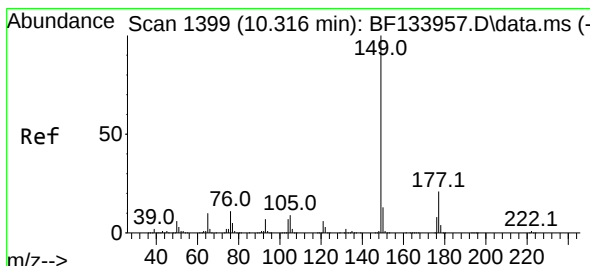
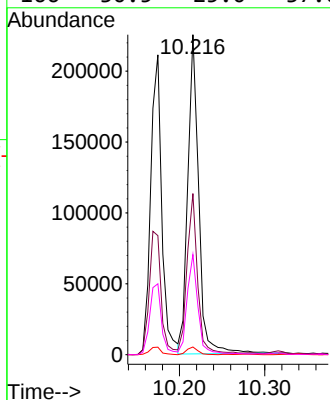
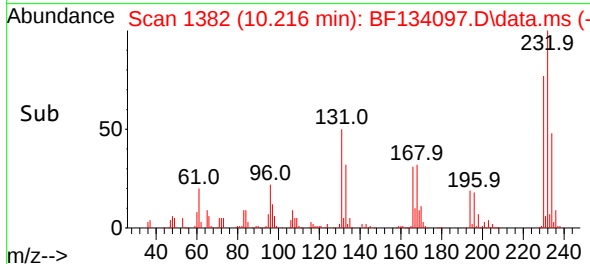
Instrument :
BNA_F
ClientSampleId :
PB153188BSD



Tgt Ion:232 Resp: 200648
Ion Ratio Lower Upper
232 100
131 47.7 39.3 58.9
130 2.5 1.8 2.6
166 30.5 25.0 37.6

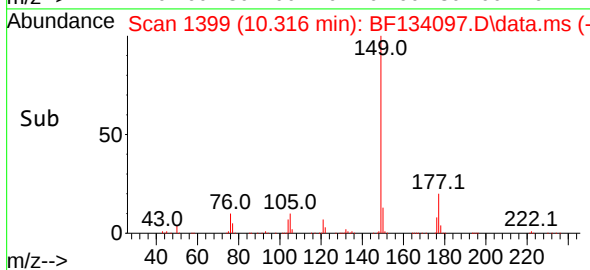
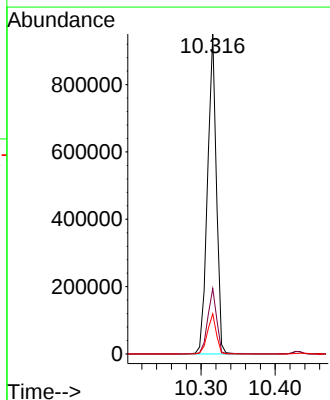
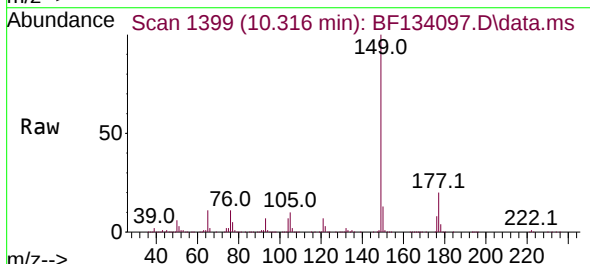
Manual Integrations
APPROVED

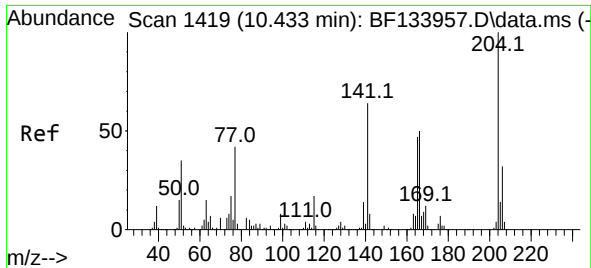
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#60
Diethylphthalate
Concen: 41.555 ng
RT: 10.316 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

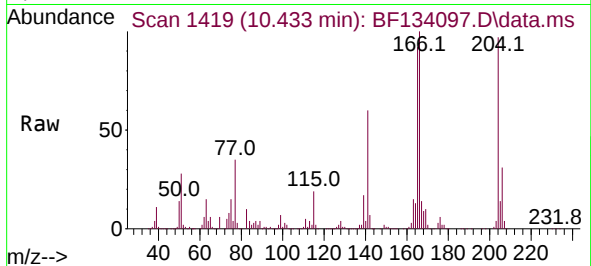
Tgt Ion:149 Resp: 789977
Ion Ratio Lower Upper
149 100
177 20.4 17.0 25.6
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 40.793 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

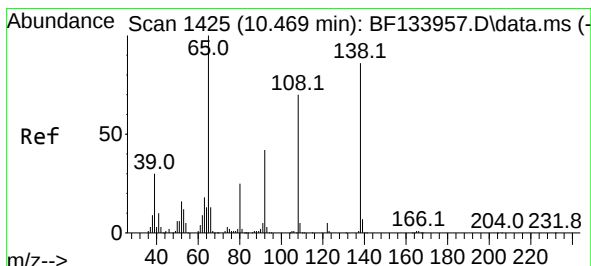
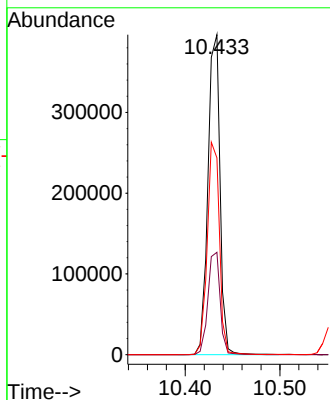
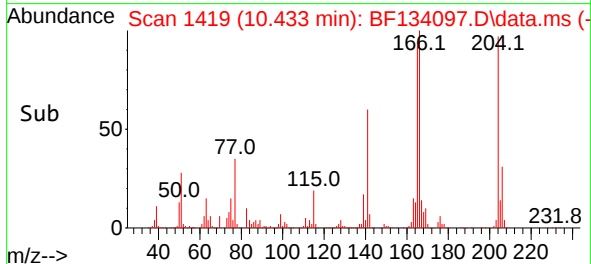
Instrument :
BNA_F
ClientSampleId :
PB153188BSD



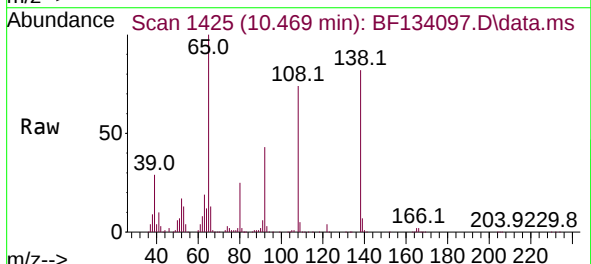
Tgt Ion:204 Resp: 349530
Ion Ratio Lower Upper
204 100
206 32.0 25.8 38.6
141 61.5 51.5 77.3

Manual Integrations
APPROVED

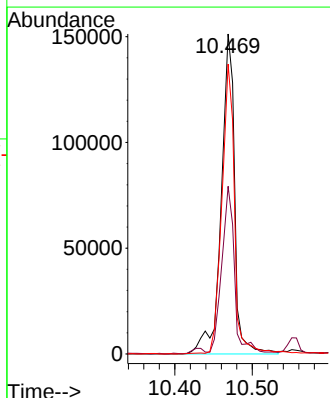
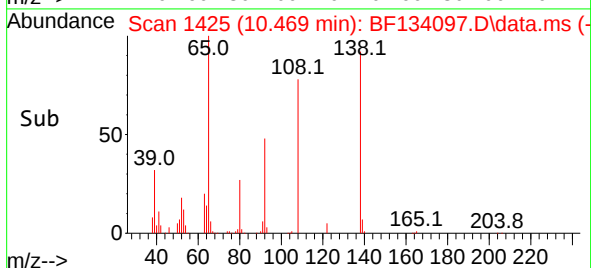
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

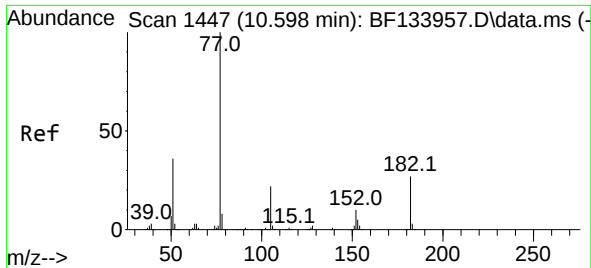


#62
4-Nitroaniline
Concen: 38.366 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06



Tgt Ion:138 Resp: 182294
Ion Ratio Lower Upper
138 100
92 52.4 29.7 69.7
108 90.6 62.1 102.1





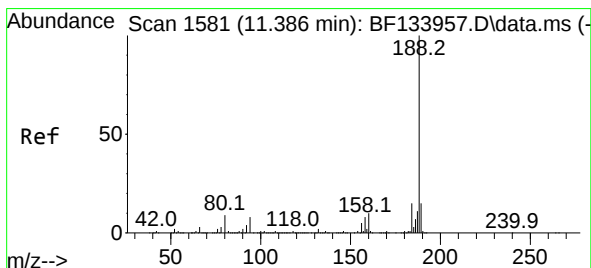
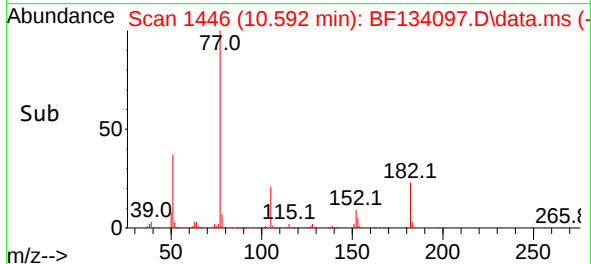
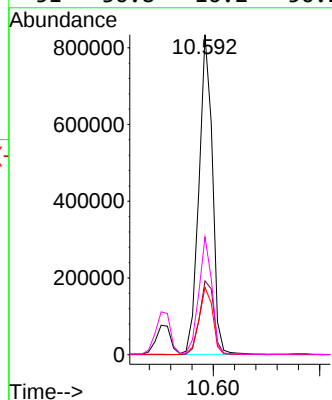
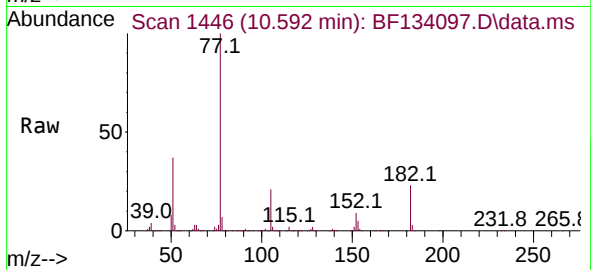
#63
Azobenzene
Concen: 40.766 ng
RT: 10.592 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

Instrument :
BNA_F
ClientSampleId :
PB153188BSD

Tgt Ion: 77 Resp: 73305
Ion Ratio Lower Upper
77 100
182 23.0 6.8 46.8
105 21.0 2.3 42.3
51 36.8 16.2 56.2

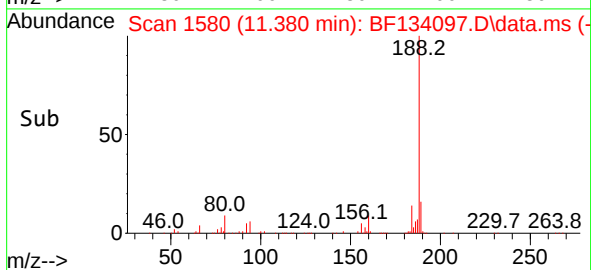
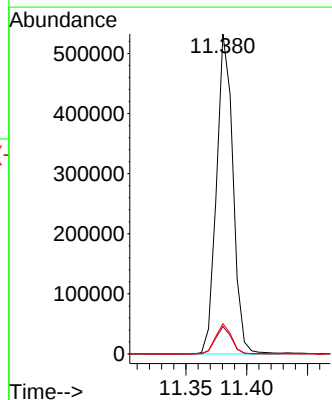
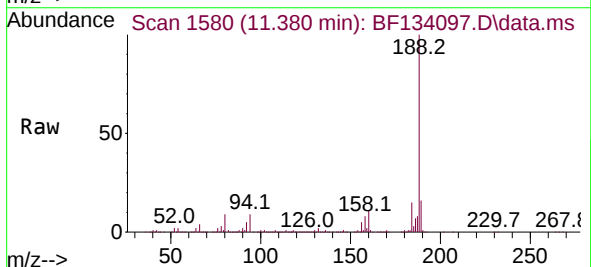
Manual Integrations
APPROVED

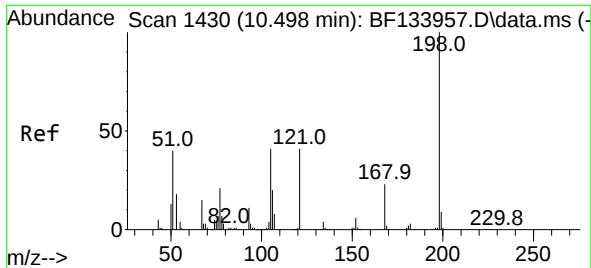
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

Tgt Ion:188 Resp: 500746
Ion Ratio Lower Upper
188 100
94 8.6 6.4 9.6
80 9.4 7.3 10.9





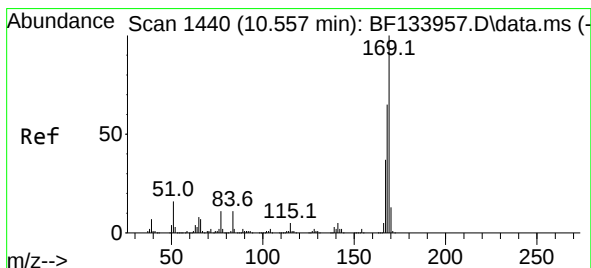
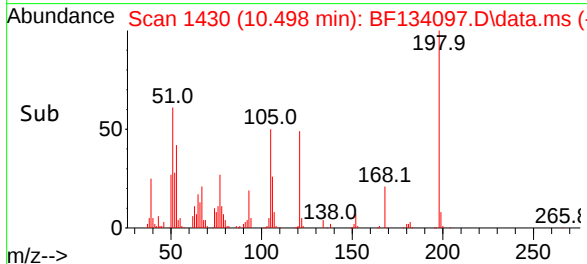
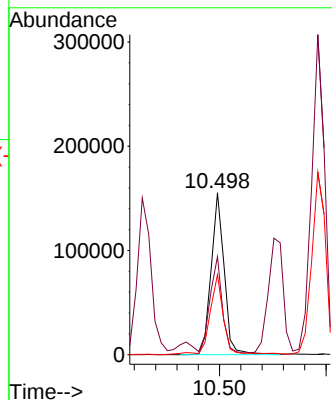
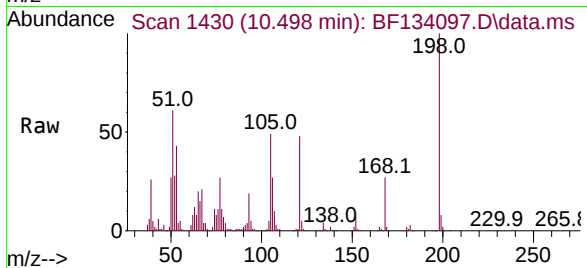
#65
4,6-Dinitro-2-methylphenol
Concen: 48.449 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

Instrument :
BNA_F
ClientSampleId :
PB153188BSD

Tgt Ion:198 Resp: 132268
Ion Ratio Lower Upper
198 100
51 60.6 29.3 69.3
105 49.4 22.4 62.4

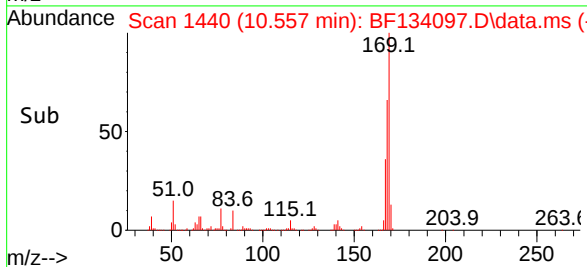
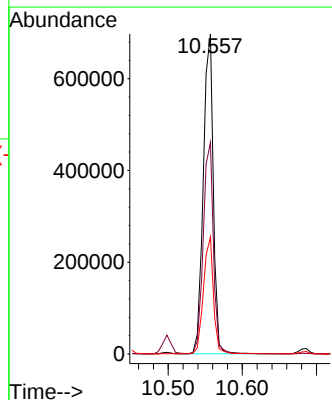
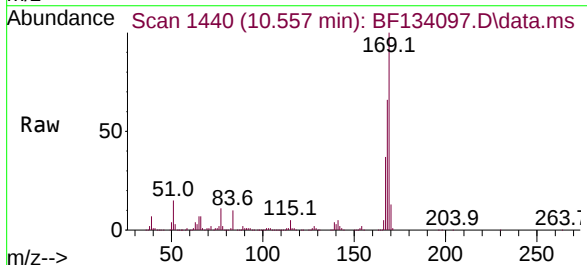
Manual Integrations
APPROVED

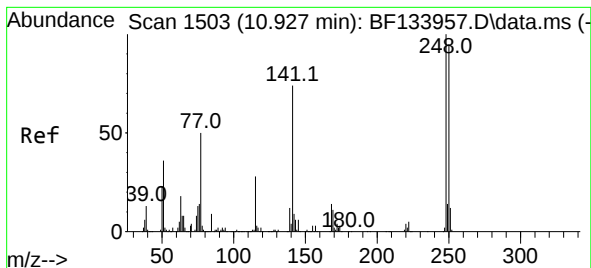
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#66
n-Nitrosodiphenylamine
Concen: 40.863 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

Tgt Ion:169 Resp: 653772
Ion Ratio Lower Upper
169 100
168 66.2 52.3 78.5
167 36.5 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 41.360 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

Instrument :

BNA_F

ClientSampleId :

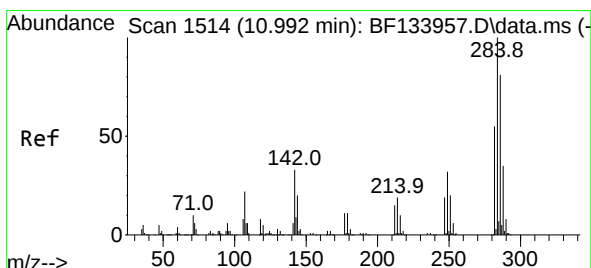
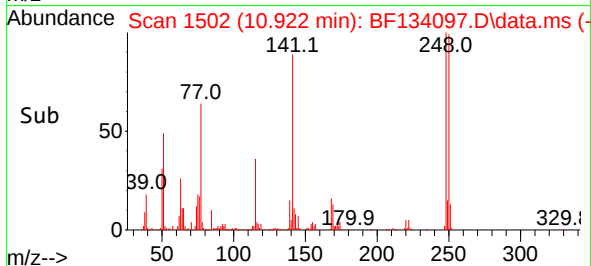
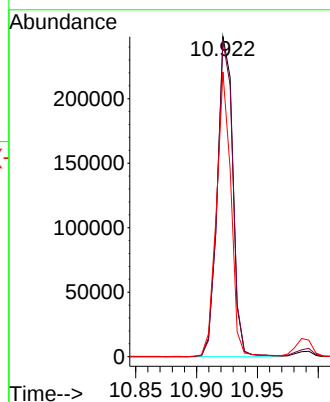
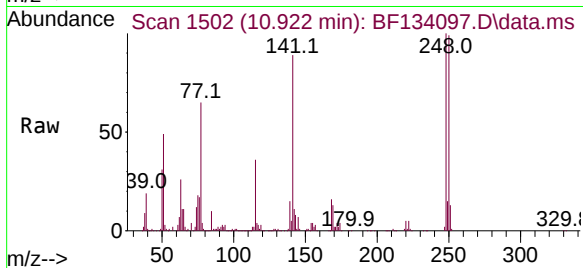
PB153188BSD

Tgt Ion:248 Resp: 220130
Ion Ratio Lower Upper
248 100
250 98.7 76.2 114.4
141 89.0 59.0 88.4

Manual Integrations

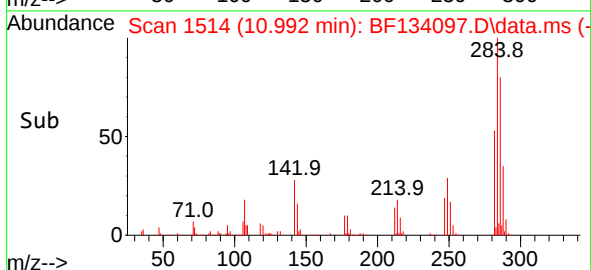
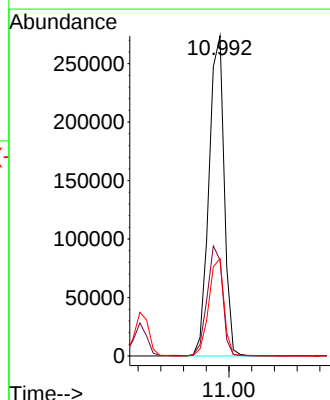
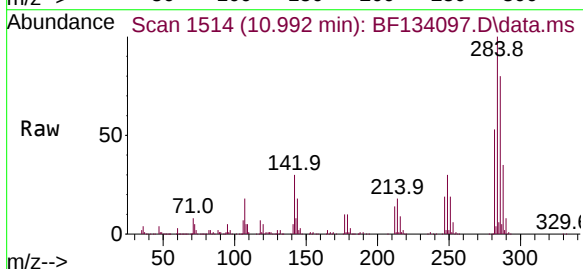
APPROVED

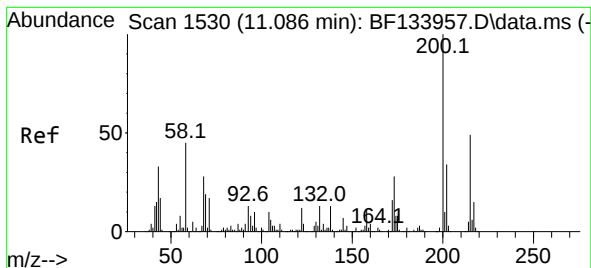
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#68
Hexachlorobenzene
Concen: 45.016 ng
RT: 10.992 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

Tgt Ion:284 Resp: 254388
Ion Ratio Lower Upper
284 100
142 29.9 26.6 40.0
249 30.4 25.5 38.3





#69

Atrazine

Concen: 43.038 ng

RT: 11.086 min Scan# 1530

Delta R.T. -0.000 min

Lab File: BF134097.D

Acq: 06 Jul 2023 14:06

Instrument :

BNA_F

ClientSampleId :

PB153188BSD

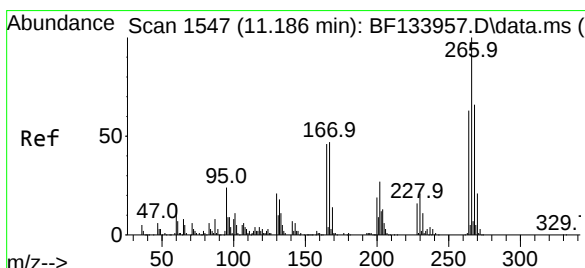
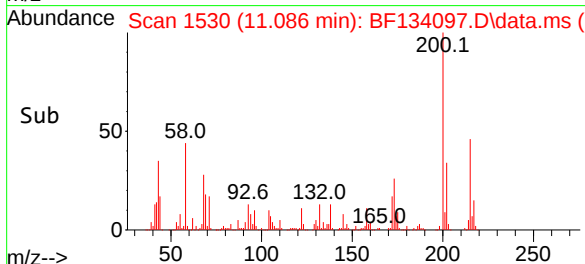
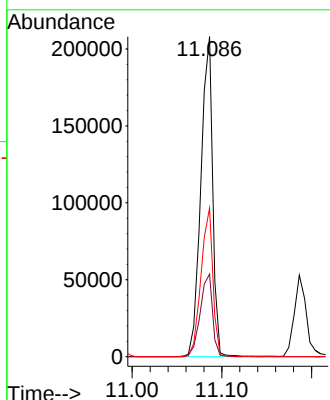
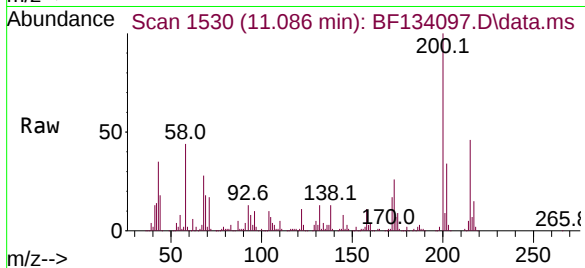
Tgt Ion:200 Resp: 190460
 Ion Ratio Lower Upper
 200 100
 173 25.8 8.0 48.0
 215 46.5 29.3 69.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#70

Pentachlorophenol

Concen: 75.419 ng

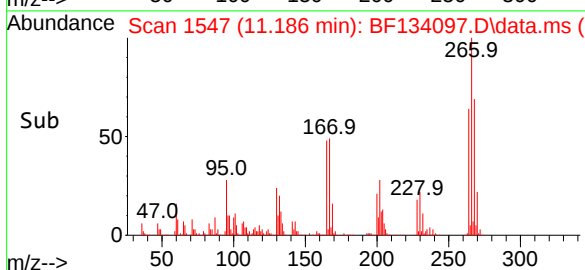
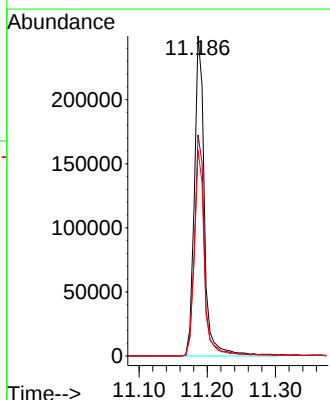
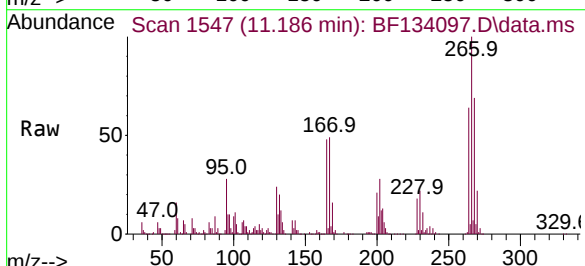
RT: 11.186 min Scan# 1547

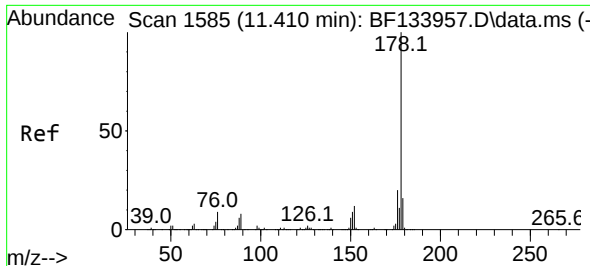
Delta R.T. -0.006 min

Lab File: BF134097.D

Acq: 06 Jul 2023 14:06

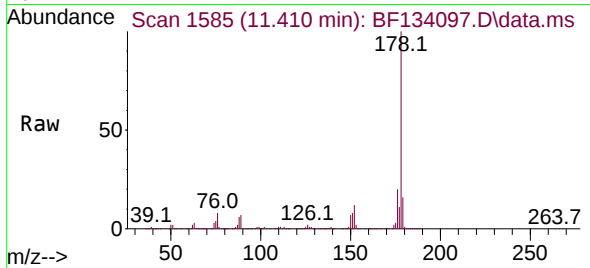
Tgt Ion:266 Resp: 254830
 Ion Ratio Lower Upper
 266 100
 268 69.1 52.6 79.0
 264 64.2 50.6 76.0





#71
Phenanthrene
Concen: 41.142 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

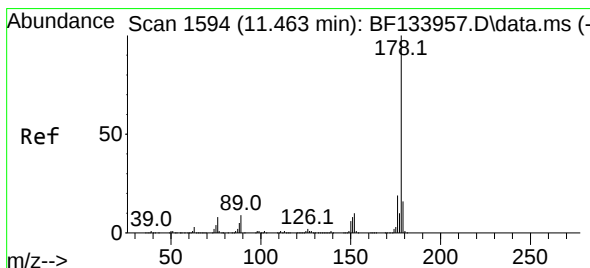
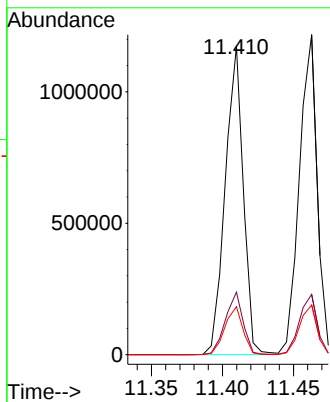
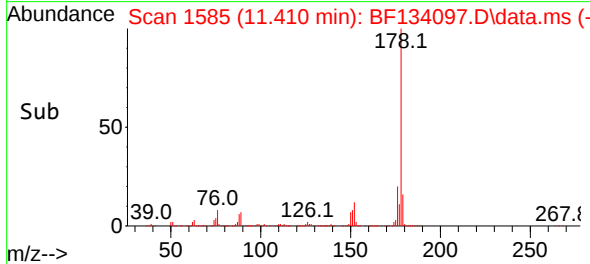
Instrument :
BNA_F
ClientSampleId :
PB153188BSD



Tgt Ion:178 Resp: 1037110
Ion Ratio Lower Upper
178 100
176 20.3 16.0 24.0
179 15.6 12.4 18.6

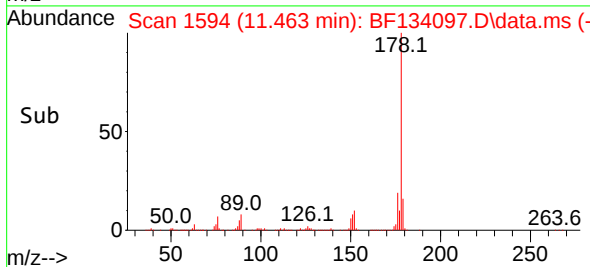
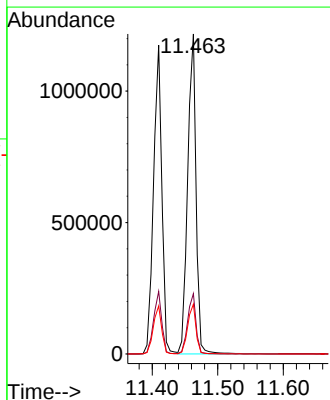
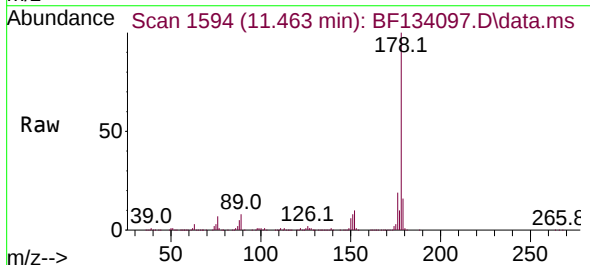
Manual Integrations
APPROVED

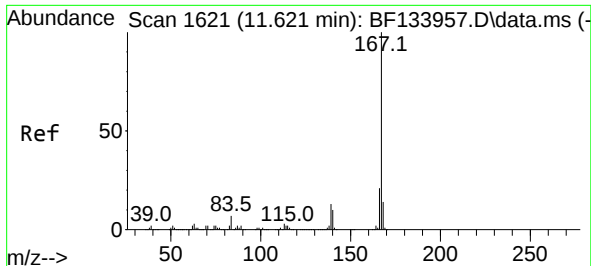
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#72
Anthracene
Concen: 41.007 ng
RT: 11.463 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

Tgt Ion:178 Resp: 1075199
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.5 12.4 18.6





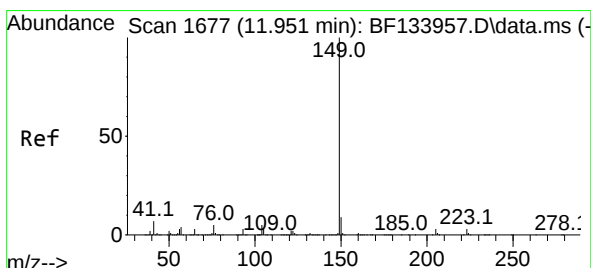
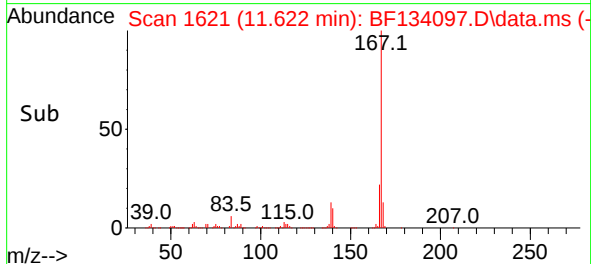
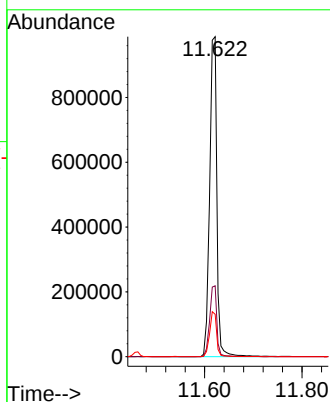
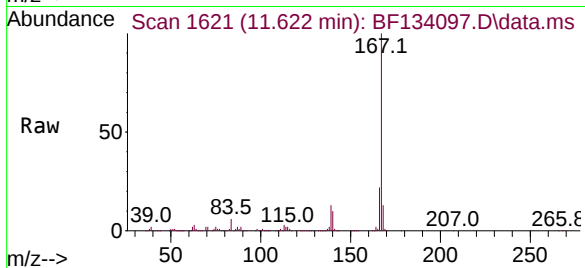
#73
 Carbazole
 Concen: 42.119 ng
 RT: 11.622 min Scan# 1621
 Delta R.T. -0.000 min
 Lab File: BF134097.D
 Acq: 06 Jul 2023 14:06

Instrument :
 BNA_F
 ClientSampleId :
 PB153188BSD

Tgt Ion:167 Resp: 1010811
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.0 25.6
 139 13.3 10.4 15.6

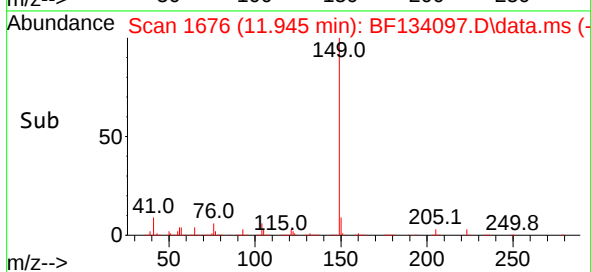
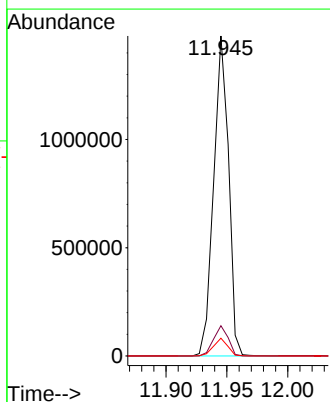
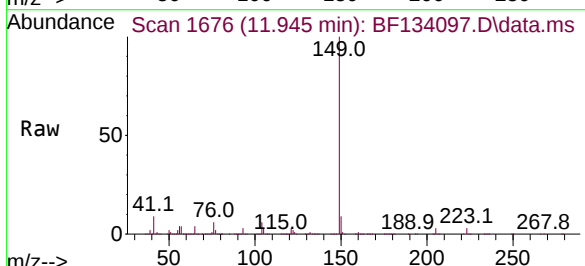
Manual Integrations
 APPROVED

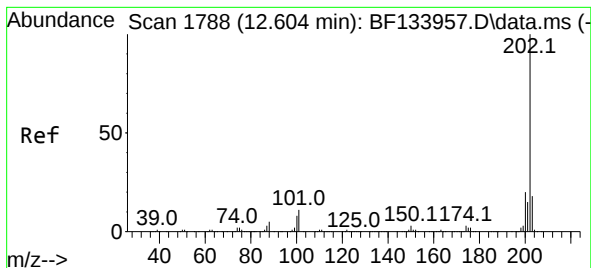
Reviewed By :Yogesh Patel 07/07/2023
 Supervised By :mohammad ahmed 07/07/2023



#74
 Di-n-butylphthalate
 Concen: 43.969 ng
 RT: 11.945 min Scan# 1676
 Delta R.T. -0.006 min
 Lab File: BF134097.D
 Acq: 06 Jul 2023 14:06

Tgt Ion:149 Resp: 1254859
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.1 10.7
 104 5.6 4.0 6.0





#75
Fluoranthene
Concen: 42.375 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

Instrument :

BNA_F

ClientSampleId :

PB153188BSD

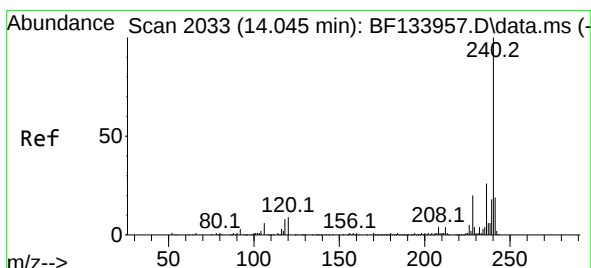
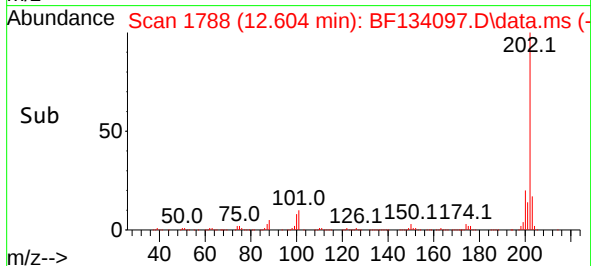
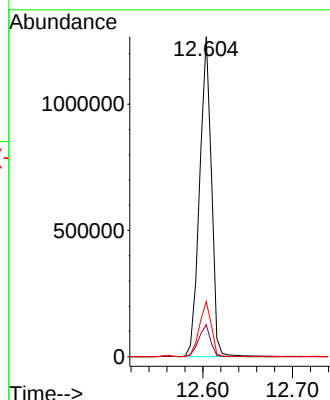
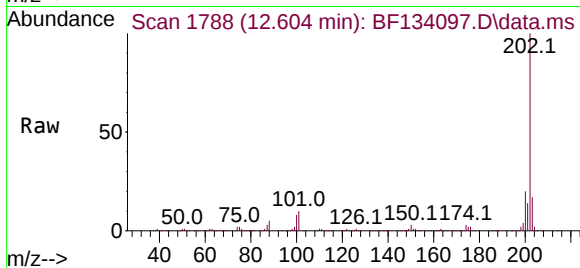
Tgt Ion:202 Resp: 115482
Ion Ratio Lower Upper
202 100
101 10.0 0.0 31.0
203 17.2 0.0 37.6

Manual Integrations

APPROVED

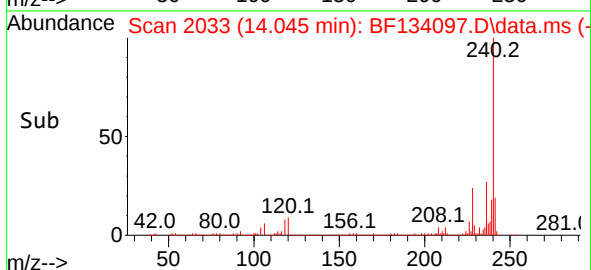
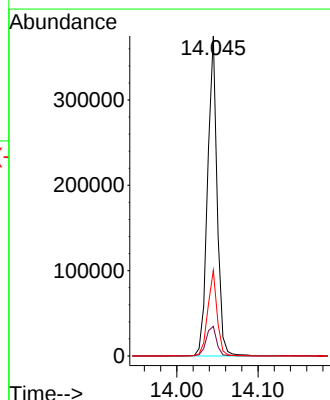
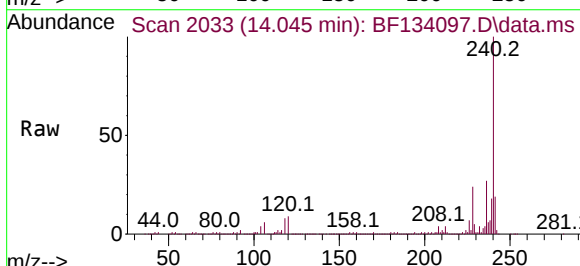
Reviewed By :Yogesh Patel 07/07/2023

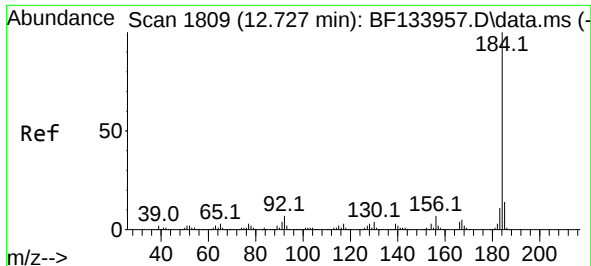
Supervised By :mohammad ahmed 07/07/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

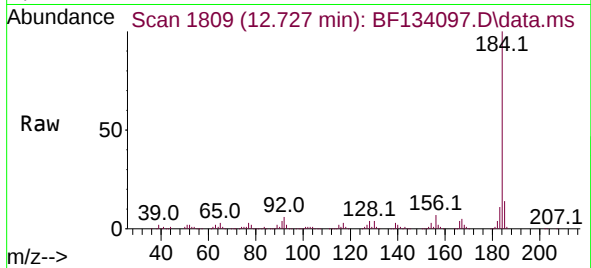
Tgt Ion:240 Resp: 304743
Ion Ratio Lower Upper
240 100
120 9.2 7.4 11.0
236 26.7 21.0 31.6





#77
Benzidine
Concen: 24.304 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

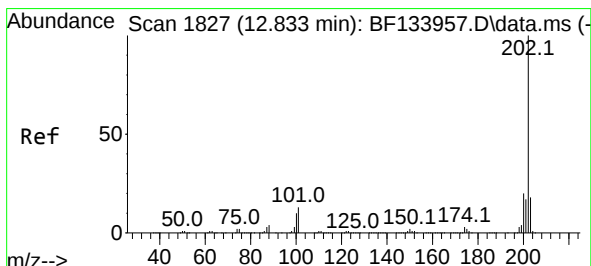
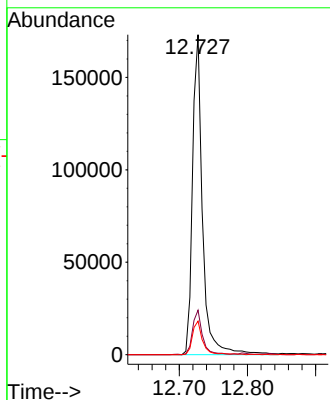
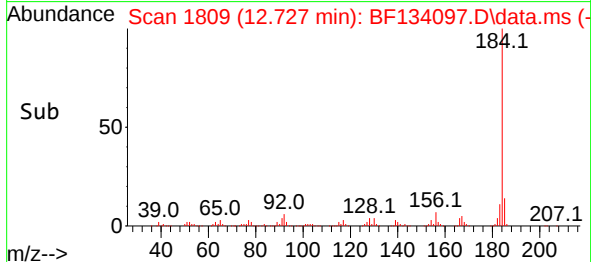
Instrument :
BNA_F
ClientSampleId :
PB153188BSD



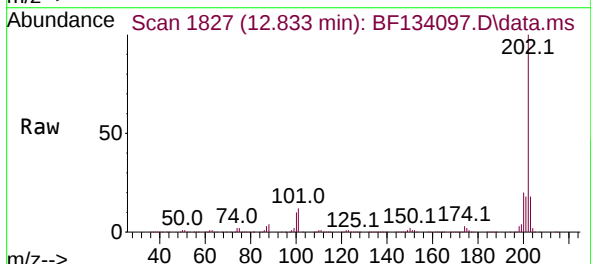
Tgt Ion:184 Resp: 176229
Ion Ratio Lower Upper
184 100
185 13.9 11.6 17.4
183 10.5 8.8 13.2

Manual Integrations
APPROVED

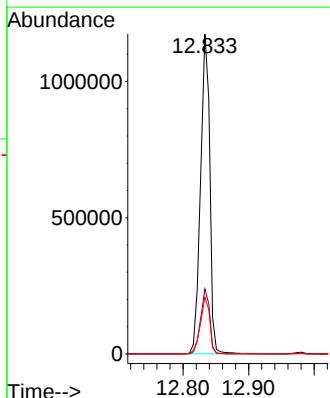
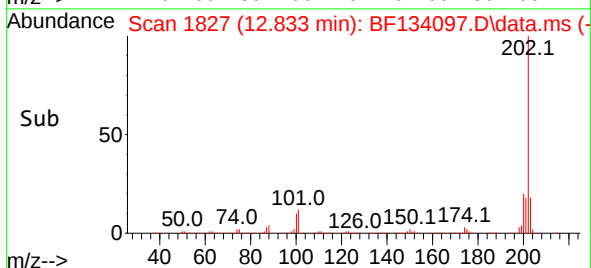
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

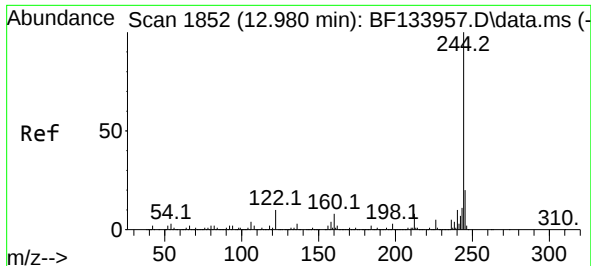


#78
Pyrene
Concen: 40.718 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06



Tgt Ion:202 Resp: 1154795
Ion Ratio Lower Upper
202 100
200 20.3 16.1 24.1
203 17.8 14.3 21.5





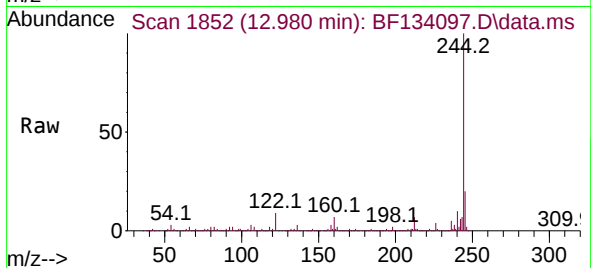
#79
 Terphenyl-d14
 Concen: 85.618 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF134097.D
 Acq: 06 Jul 2023 14:06

Instrument :

BNA_F

ClientSampleId :

PB153188BSD



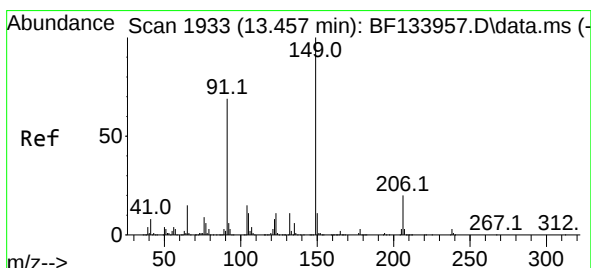
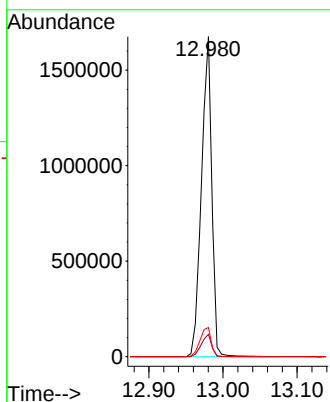
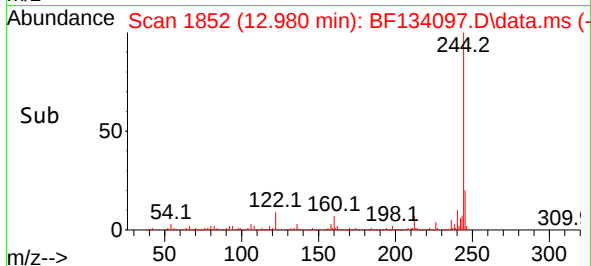
Tgt Ion:244 Resp: 1621170
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.1 8.3 12.5

Manual Integrations

APPROVED

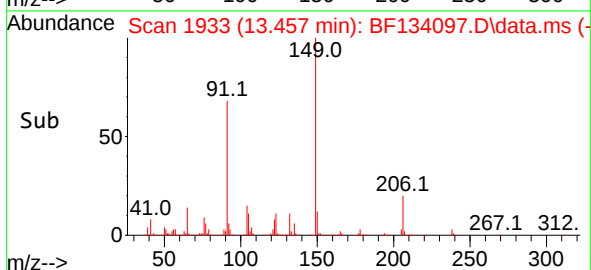
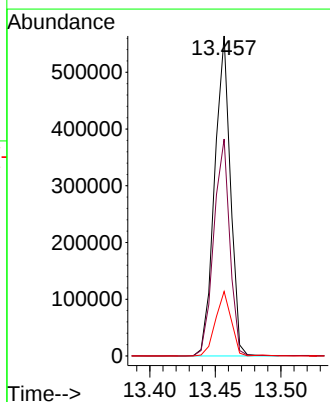
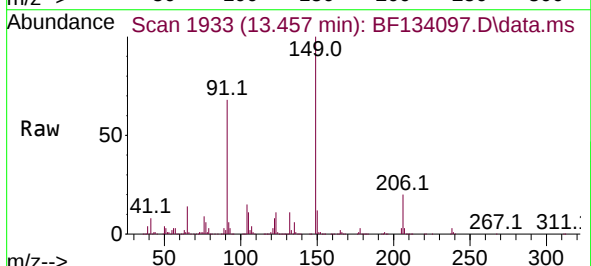
Reviewed By :Yogesh Patel 07/07/2023

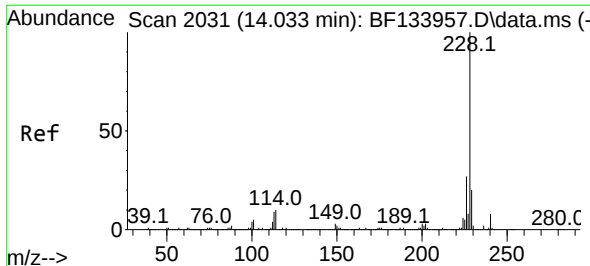
Supervised By :mohammad ahmed 07/07/2023



#80
 Butylbenzylphthalate
 Concen: 44.429 ng
 RT: 13.457 min Scan# 1933
 Delta R.T. -0.000 min
 Lab File: BF134097.D
 Acq: 06 Jul 2023 14:06

Tgt Ion:149 Resp: 472572
 Ion Ratio Lower Upper
 149 100
 91 67.8 55.1 82.7
 206 20.2 15.7 23.5





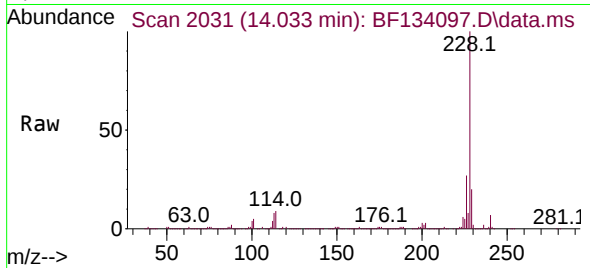
#81
Benzo(a)anthracene
Concen: 41.978 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

Instrument :

BNA_F

ClientSampleId :

PB153188BSD



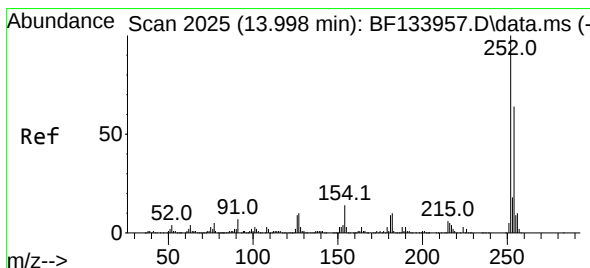
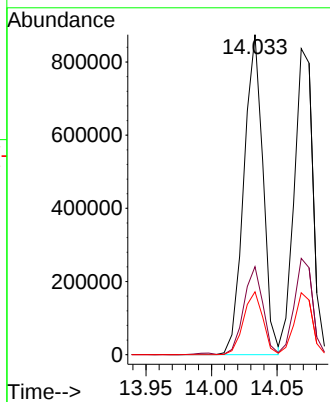
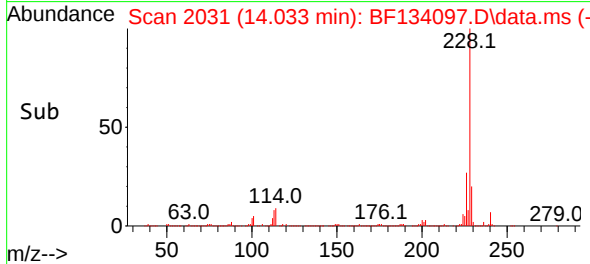
Tgt Ion:228 Resp: 887192
Ion Ratio Lower Upper
228 100
226 27.5 22.0 33.0
229 19.7 16.3 24.5

Manual Integrations

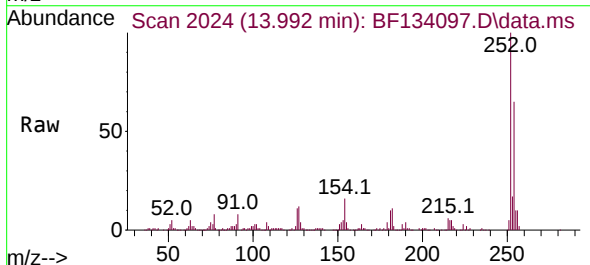
APPROVED

Reviewed By :Yogesh Patel 07/07/2023

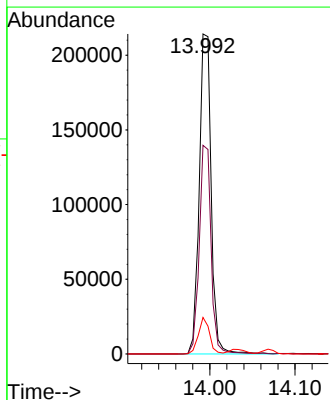
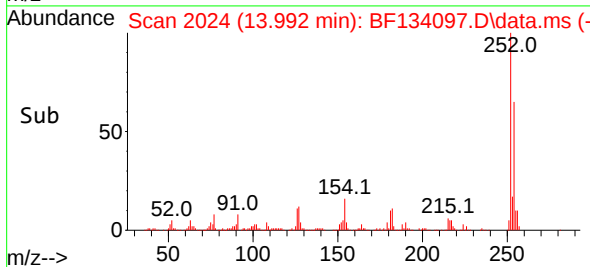
Supervised By :mohammad ahmed 07/07/2023

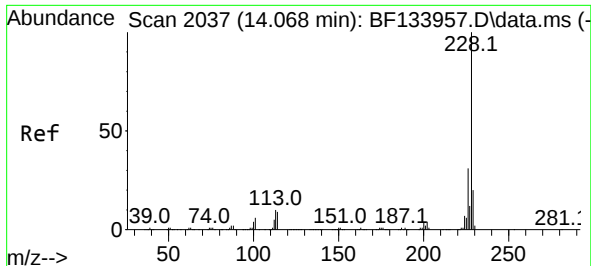


#82
3,3'-Dichlorobenzidine
Concen: 31.213 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06



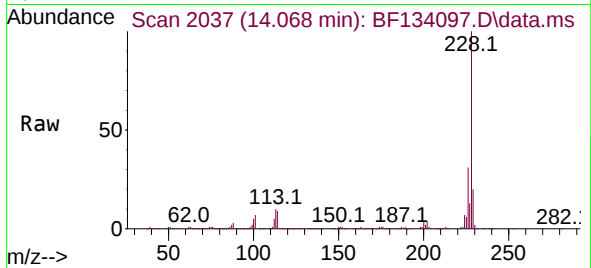
Tgt Ion:252 Resp: 208999
Ion Ratio Lower Upper
252 100
254 65.2 51.4 77.0
126 11.4 7.4 11.2#





#83
Chrysene
Concen: 40.969 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

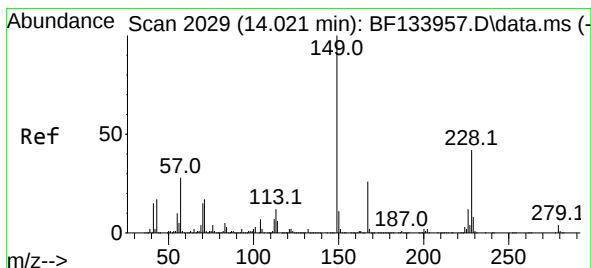
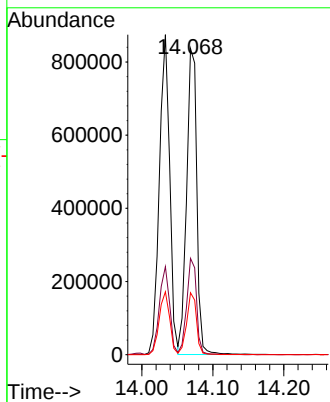
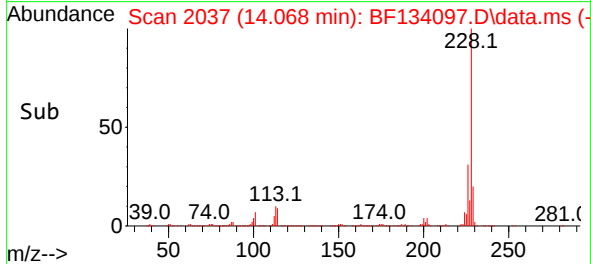
Instrument :
BNA_F
ClientSampleId :
PB153188BSD



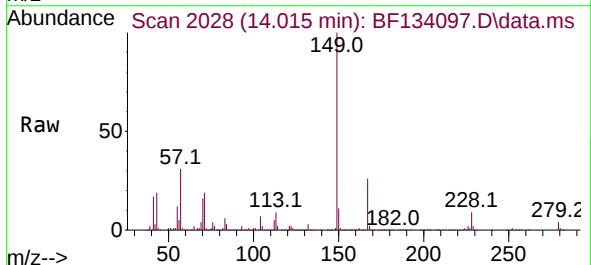
Tgt Ion:228 Resp: 83863
Ion Ratio Lower Upper
228 100
226 31.5 24.4 36.6
229 20.2 16.1 24.1

Manual Integrations
APPROVED

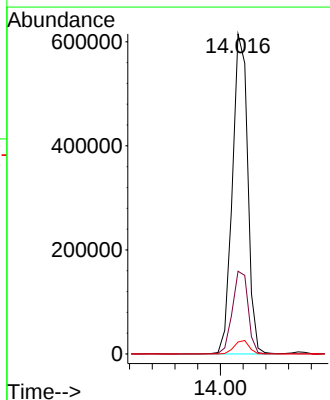
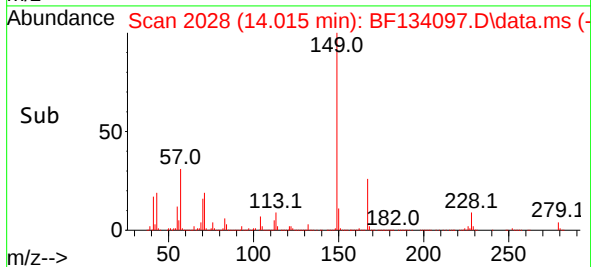
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

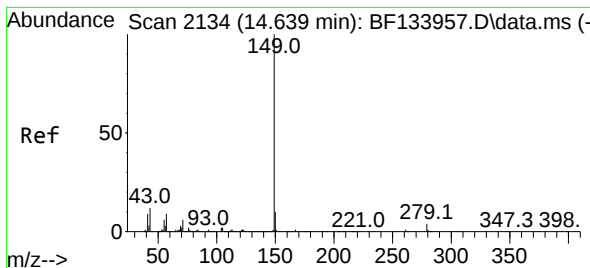


#84
Bis(2-ethylhexyl)phthalate
Concen: 47.065 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06



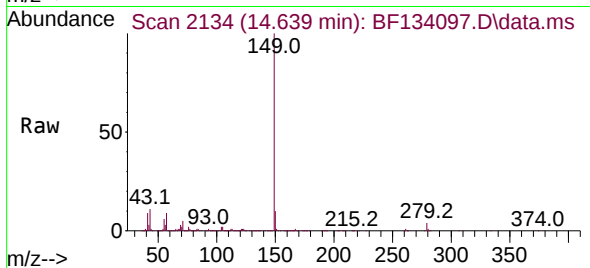
Tgt Ion:149 Resp: 575232
Ion Ratio Lower Upper
149 100
167 25.8 21.0 31.4
279 3.8 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 45.823 ng
RT: 14.639 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

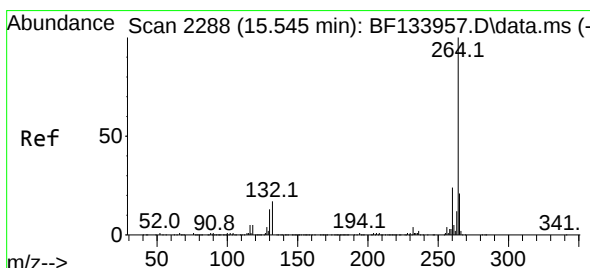
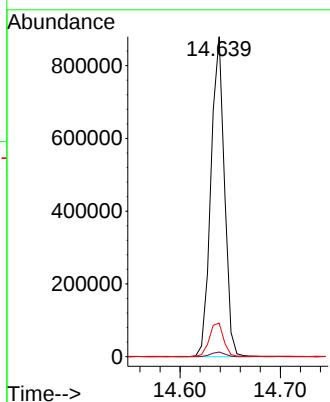
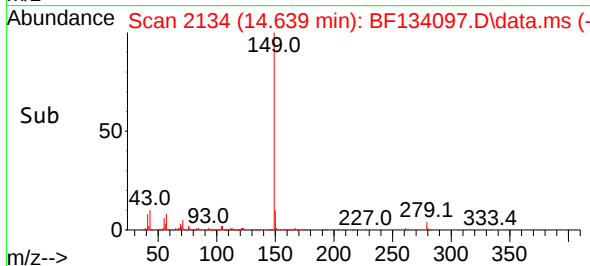
Instrument :
BNA_F
ClientSampleId :
PB153188BSD



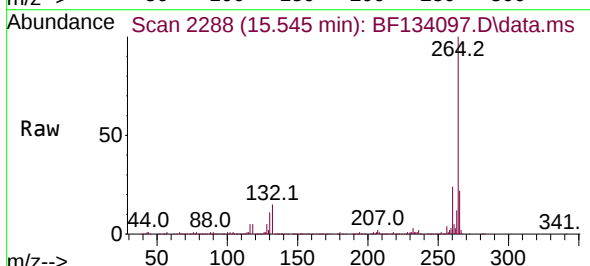
Tgt Ion:149 Resp: 822914
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.1 9.0 13.4

Manual Integrations
APPROVED

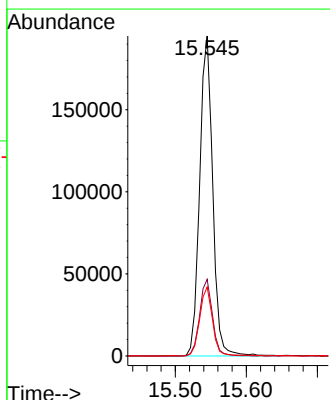
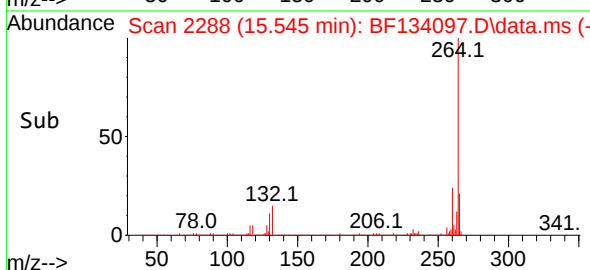
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

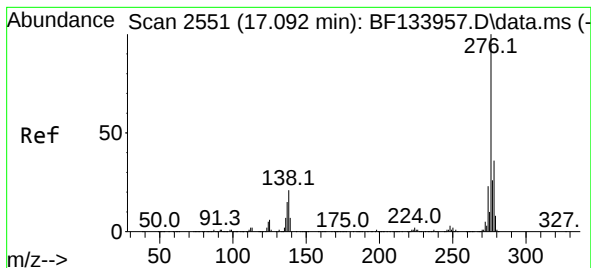


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06



Tgt Ion:264 Resp: 249481
Ion Ratio Lower Upper
264 100
260 23.9 19.5 29.3
265 21.5 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.825 ng

RT: 17.098 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF134097.D

Acq: 06 Jul 2023 14:06

Instrument :

BNA_F

ClientSampleId :

PB153188BSD

Tgt Ion:276 Resp: 810610

Ion Ratio Lower Upper

276 100

138 22.3 18.7 28.1

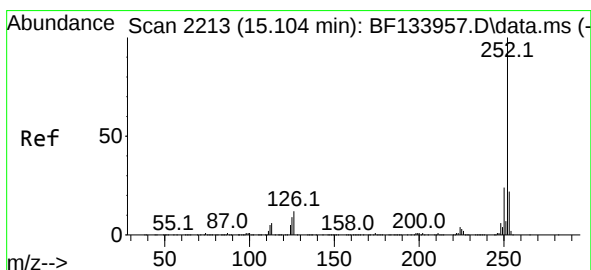
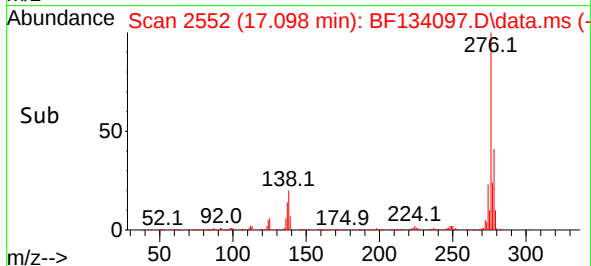
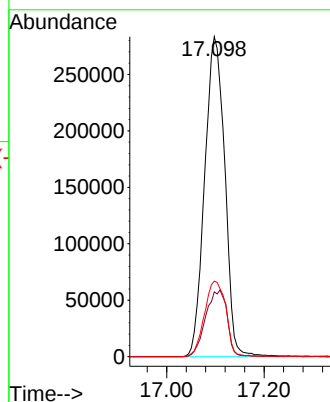
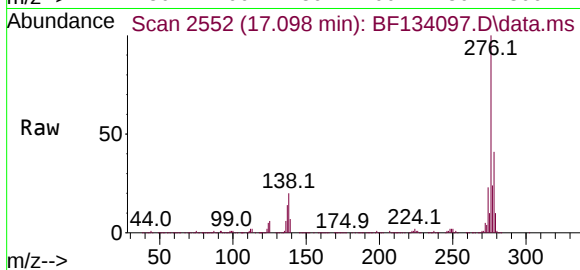
277 25.2 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#88

Benzo(b)fluoranthene

Concen: 48.096 ng

RT: 15.104 min Scan# 2213

Delta R.T. -0.006 min

Lab File: BF134097.D

Acq: 06 Jul 2023 14:06

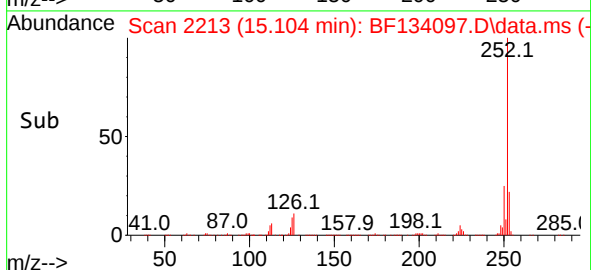
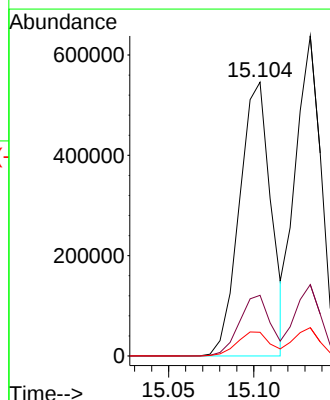
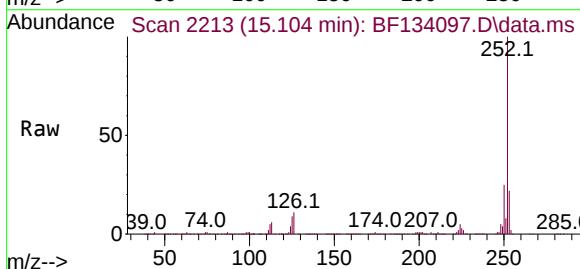
Tgt Ion:252 Resp: 705550

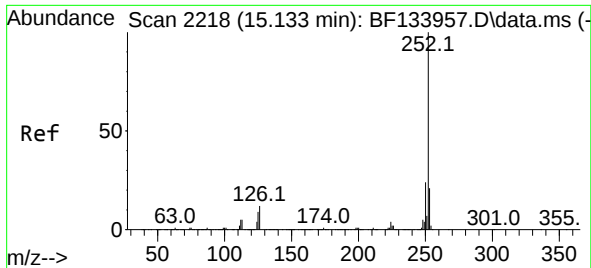
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

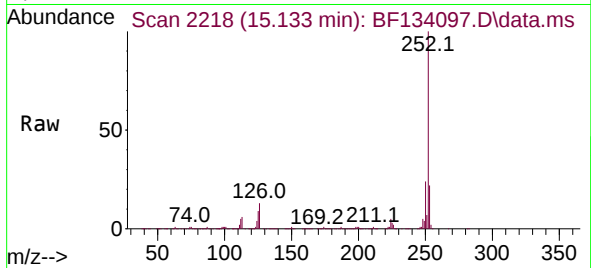
125 8.6 7.1 10.7





#89
Benzo(k)fluoranthene
Concen: 45.926 ng
RT: 15.133 min Scan# 2218
Delta R.T. -0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

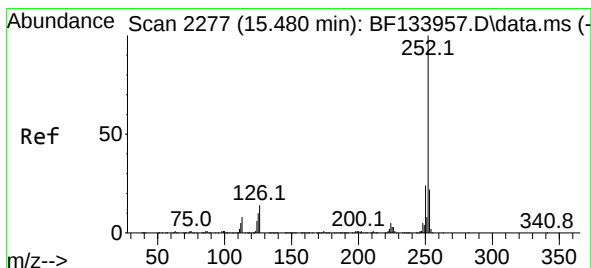
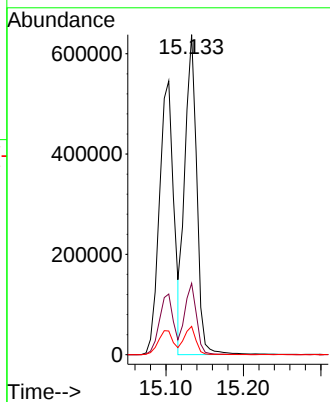
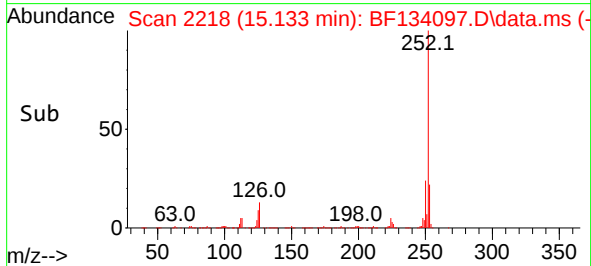
Instrument :
BNA_F
ClientSampleId :
PB153188BSD



Tgt Ion:252 Resp: 685952
Ion Ratio Lower Upper
252 100
253 22.3 16.9 25.3
125 8.8 7.4 11.2

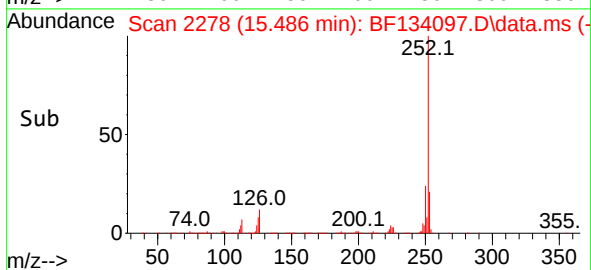
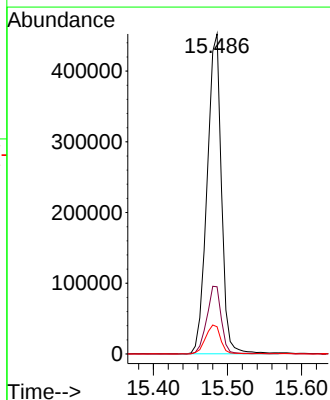
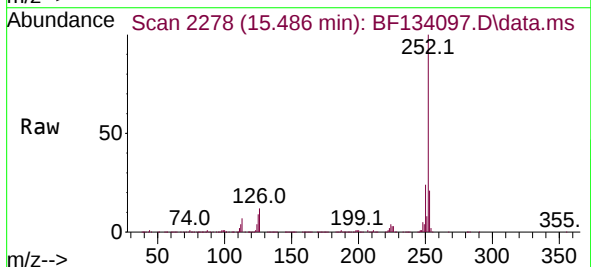
Manual Integrations
APPROVED

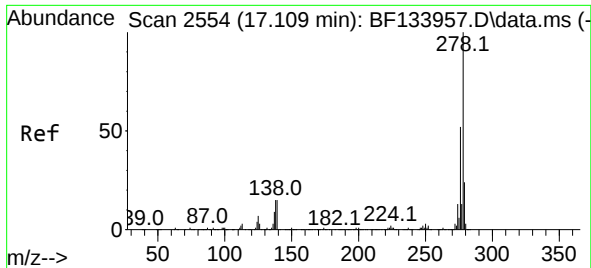
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#90
Benzo(a)pyrene
Concen: 42.819 ng
RT: 15.486 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

Tgt Ion:252 Resp: 607406
Ion Ratio Lower Upper
252 100
253 21.0 17.4 26.0
125 8.5 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 47.314 ng
RT: 17.121 min Scan# 2554
Delta R.T. -0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

Instrument :

BNA_F

ClientSampleId :

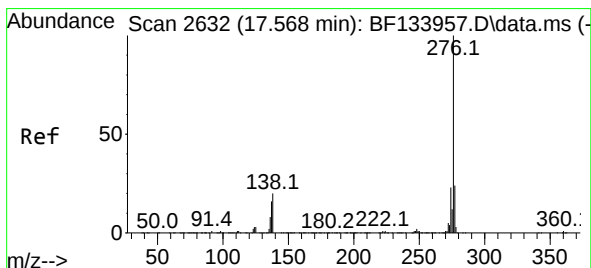
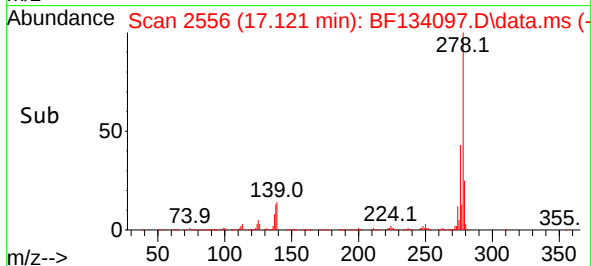
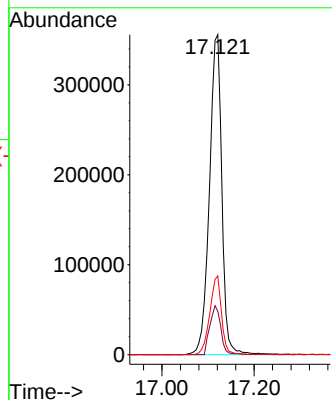
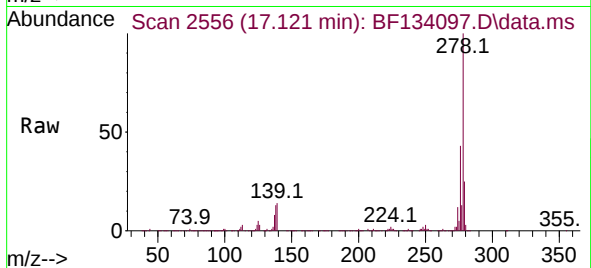
PB153188BSD

Tgt Ion:278 Resp: 669014
Ion Ratio Lower Upper
278 100
139 13.6 12.2 18.4
279 24.6 19.4 29.2

Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 46.537 ng
RT: 17.574 min Scan# 2633
Delta R.T. -0.006 min
Lab File: BF134097.D
Acq: 06 Jul 2023 14:06

Tgt Ion:276 Resp: 678577
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.6
138 18.3 16.2 24.2

