

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
 Data File : BF134129.D
 Acq On : 07 Jul 2023 10:10
 Operator : CG\JU
 Sample : 03376-06MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-1MSD

Quant Time: Jul 07 13:49:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/07/2023
 Supervised By :mohammad ahmed 07/09/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	106572	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	402656	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	199543	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	381996	20.000	ng	0.00
76) Chrysene-d12	14.039	240	210518	20.000	ng	-0.01
86) Perylene-d12	15.539	264	217545	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	429695	67.446	ng	0.00
7) Phenol-d6	6.475	99	332416	42.427	ng	-0.02
23) Nitrobenzene-d5	7.410	82	702953	94.107	ng	-0.01
42) 2,4,6-Tribromophenol	10.681	330	320208	127.987	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1198624	87.333	ng	0.00
79) Terphenyl-d14	12.974	244	1244452	95.139	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	55631	21.177	ng	99
3) Pyridine	3.469	79	105593	15.432	ng	93
4) n-Nitrosodimethylamine	3.416	42	82626	21.143	ng	99
6) Aniline	6.510	93	236634	24.819	ng	99
8) 2-Chlorophenol	6.628	128	263395	40.727	ng	99
9) Benzaldehyde	6.398	77	146619	32.377	ng	98
10) Phenol	6.493	94	140754	17.086	ng	96
11) bis(2-Chloroethyl)ether	6.581	93	282060	46.506	ng	99
12) 1,3-Dichlorobenzene	6.787	146	262823	38.118	ng	97
13) 1,4-Dichlorobenzene	6.863	146	270979	38.910	ng	98
14) 1,2-Dichlorobenzene	7.010	146	267947	41.082	ng	99
15) Benzyl Alcohol	6.987	79	191492	31.703	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.122	45	467332	43.555	ng	97
17) 2-Methylphenol	7.098	107	184290	31.821	ng	98
18) Hexachloroethane	7.351	117	102154	39.560	ng	94
19) n-Nitroso-di-n-propyla...	7.263	70	227588	45.804	ng	96
20) 3+4-Methylphenols	7.251	107	201536	28.685	ng	# 76
22) Acetophenone	7.257	105	445473	48.646	ng	# 90
24) Nitrobenzene	7.434	77	348350	46.149	ng	99
25) Isophorone	7.663	82	618128	45.532	ng	98
26) 2-Nitrophenol	7.745	139	167910	46.371	ng	98
27) 2,4-Dimethylphenol	7.781	122	234527	40.917	ng	98
28) bis(2-Chloroethoxy)met...	7.875	93	357883	45.528	ng	99
29) 2,4-Dichlorophenol	7.987	162	250014	43.987	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	244876	41.754	ng	98
31) Naphthalene	8.151	128	819030	42.110	ng	100
32) Benzoic acid	7.875	122	64855	15.100	ng	99
33) 4-Chloroaniline	8.198	127	178143	21.412	ng	98
34) Hexachlorobutadiene	8.263	225	148856	40.237	ng	97
35) Caprolactam	8.563	113	15177m	8.110	ng	
36) 4-Chloro-3-methylphenol	8.675	107	268608	42.068	ng	95
37) 2-Methylnaphthalene	8.839	142	574674	41.783	ng	99
38) 1-Methylnaphthalene	8.939	142	535792	41.904	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	271423	45.912	ng	99
41) Hexachlorocyclopentadiene	8.992	237	208860	74.469	ng	100
43) 2,4,6-Trichlorophenol	9.116	196	182397	45.323	ng	100

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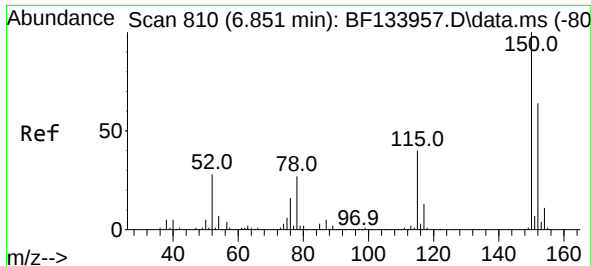
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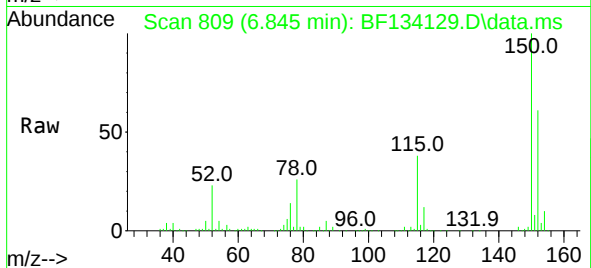
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	201695	42.607	ng	94
46) 1,1'-Biphenyl	9.304	154	745592	46.580	ng	99
47) 2-Chloronaphthalene	9.334	162	544630	46.504	ng	99
48) 2-Nitroaniline	9.434	65	188281	44.112	ng	90
49) Acenaphthylene	9.745	152	892153	44.594	ng	99
50) Dimethylphthalate	9.610	163	660175	45.577	ng	99
51) 2,6-Dinitrotoluene	9.675	165	147303	47.216	ng	92
52) Acenaphthene	9.922	154	530795	45.724	ng	100
53) 3-Nitroaniline	9.845	138	112744	30.123	ng	98
54) 2,4-Dinitrophenol	9.957	184	157184	86.892	ng	99
55) Dibenzofuran	10.092	168	806187	44.436	ng	98
56) 4-Nitrophenol	10.004	139	79751	30.463	ng	92
57) 2,4-Dinitrotoluene	10.081	165	196734	47.750	ng	95
58) Fluorene	10.439	166	643276	45.575	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	174218	46.657	ng	97
60) Diethylphthalate	10.310	149	673681	44.641	ng	98
61) 4-Chlorophenyl-phenyle...	10.428	204	300130	44.123	ng	97
62) 4-Nitroaniline	10.463	138	134525	35.665	ng	97
63) Azobenzene	10.592	77	646398	45.282	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	106815	51.289	ng	88
66) n-Nitrosodiphenylamine	10.551	169	555685	45.530	ng	100
67) 4-Bromophenyl-phenylether	10.922	248	187968	46.296	ng	96
68) Hexachlorobenzene	10.986	284	214445	49.744	ng	97
69) Atrazine	11.080	200	178670	52.924	ng	99
70) Pentachlorophenol	11.186	266	197370	76.572	ng	97
71) Phenanthrene	11.404	178	891776	46.373	ng	99
72) Anthracene	11.457	178	914718	45.732	ng	99
73) Carbazole	11.616	167	862197	47.095	ng	99
74) Di-n-butylphthalate	11.945	149	988272	45.393	ng	99
75) Fluoranthene	12.604	202	923464	44.419	ng	98
77) Benzidine	12.727	184	147547	29.456	ng	98
78) Pyrene	12.833	202	924727	47.200	ng	99
80) Butylbenzylphthalate	13.457	149	347286	47.264	ng	96
81) Benzo(a)anthracene	14.027	228	687302	47.076	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	159361	34.453	ng	97
83) Chrysene	14.069	228	643293	45.492	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	405633	48.044	ng	98
85) Di-n-octyl phthalate	14.633	149	610338	49.198	ng	99
87) Indeno(1,2,3-cd)pyrene	17.092	276	785989	52.068	ng	99
88) Benzo(b)fluoranthene	15.098	252	639580	49.999	ng	100
89) Benzo(k)fluoranthene	15.127	252	603024	46.301	ng	97
90) Benzo(a)pyrene	15.480	252	558014	45.112	ng	98
91) Dibenzo(a,h)anthracene	17.110	278	647910	52.548	ng	98
92) Benzo(g,h,i)perylene	17.562	276	652160	51.291	ng	100

(#) = 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: BF134129.D
Acq: 07 Jul 2023 10:10

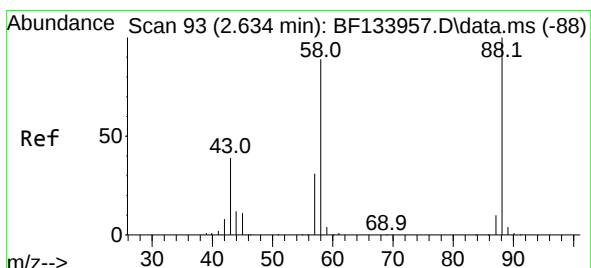
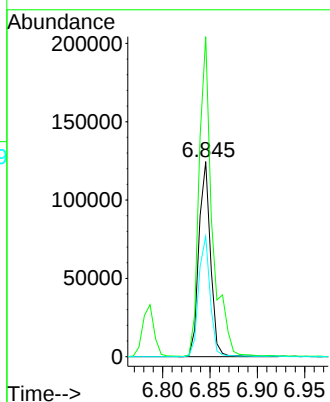
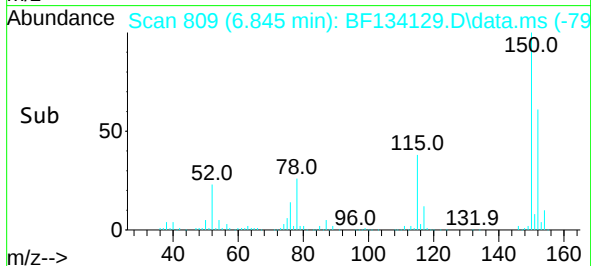
Instrument :
BNA_F
ClientSampleId :
TW-1MSD



Tgt Ion:152 Resp: 106572
Ion Ratio Lower Upper
152 100
150 164.1 124.5 186.7
115 61.7 50.2 75.2

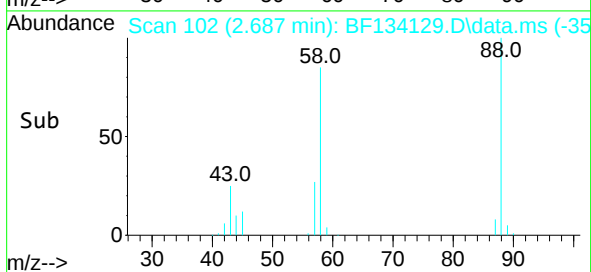
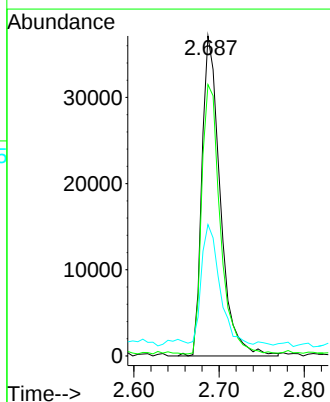
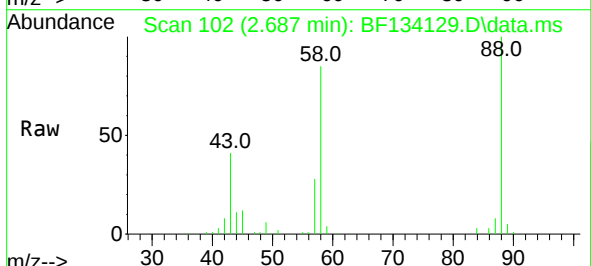
Manual Integrations
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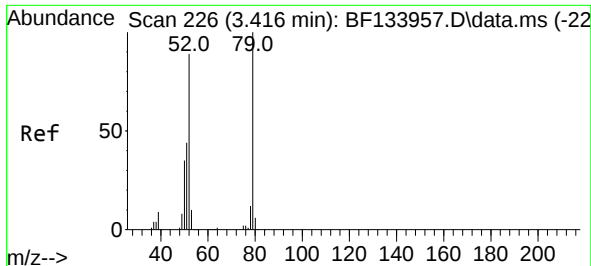
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#2
1,4-Dioxane
Concen: 21.177 ng
RT: 2.687 min Scan# 102
Delta R.T. 0.041 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10

Tgt Ion: 88 Resp: 55631
Ion Ratio Lower Upper
88 100
58 84.7 68.8 103.2
43 38.7 30.7 46.1





#3

Pyridine

Concen: 15.432 ng

RT: 3.469 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF134129.D

Acq: 07 Jul 2023 10:10

Instrument :

BNA_F

ClientSampleId :

TW-1MSD

Tgt Ion: 79 Resp: 10559

Ion Ratio Lower Upper

79 100

52 80.8 71.1 106.7

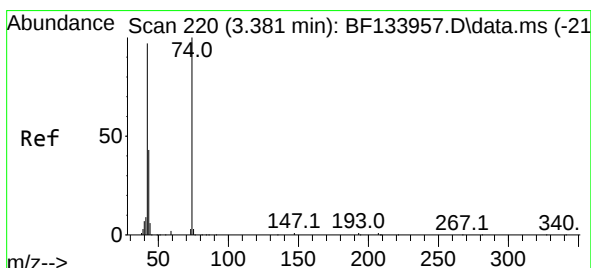
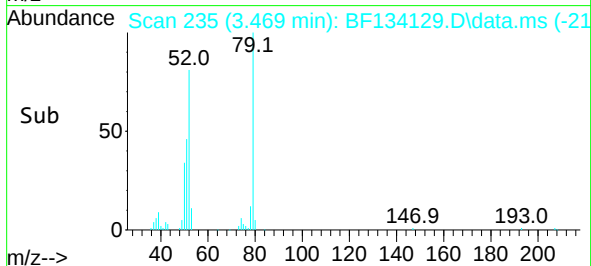
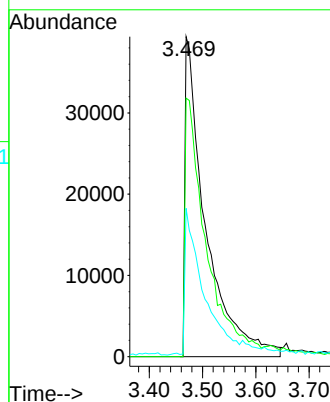
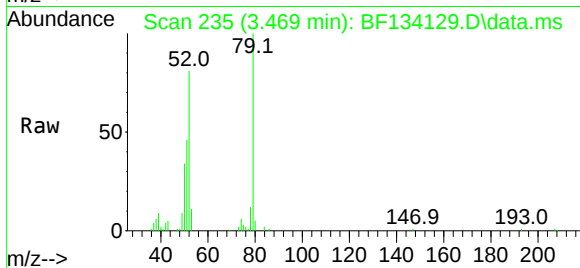
51 46.4 35.2 52.8

Manual Integrations

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Supervised By :mohammad ahmed 07/09/2023



#4

n-Nitrosodimethylamine

Concen: 21.143 ng

RT: 3.416 min Scan# 226

Delta R.T. 0.012 min

Lab File: BF134129.D

Acq: 07 Jul 2023 10:10

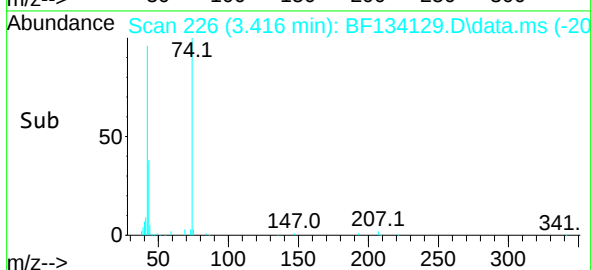
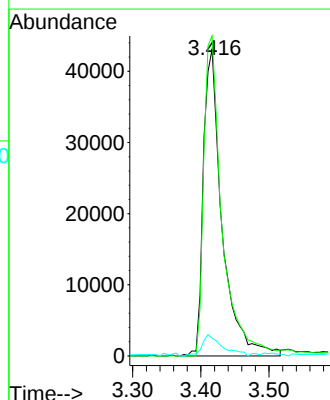
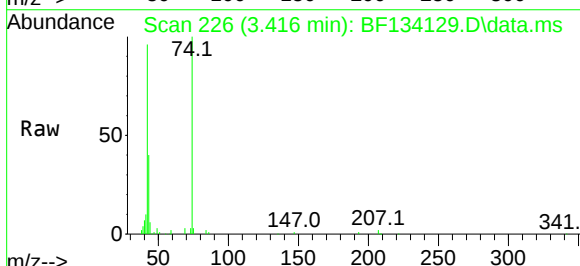
Tgt Ion: 42 Resp: 82626

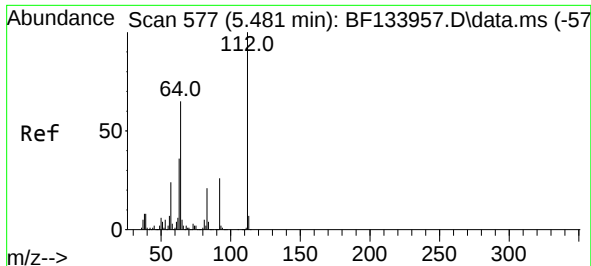
Ion Ratio Lower Upper

42 100

74 104.3 82.4 123.6

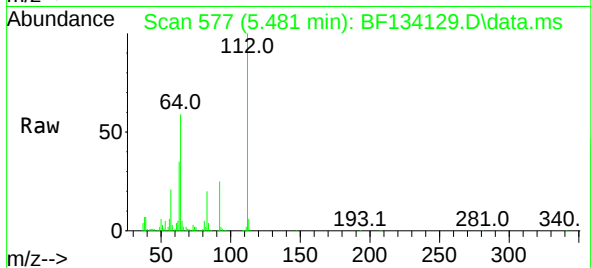
44 5.8 4.9 7.3





#5
2-Fluorophenol
Concen: 67.446 ng
RT: 5.481 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10

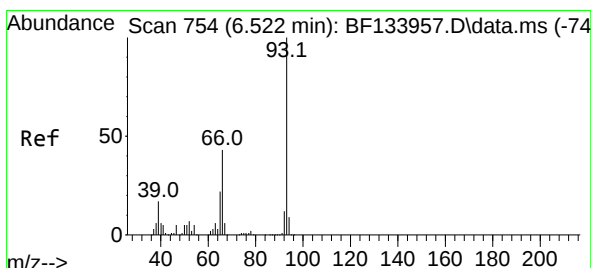
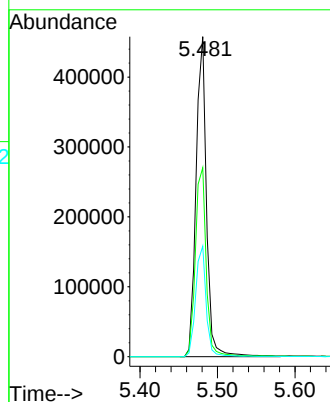
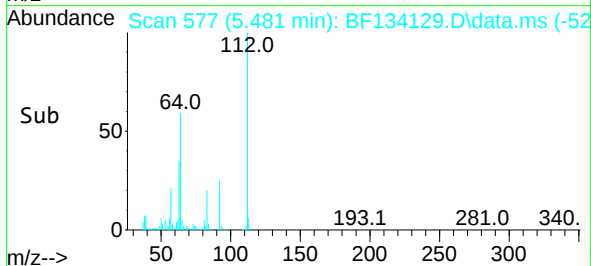
Instrument :
BNA_F
ClientSampleId :
TW-1MSD



Tgt Ion:112 Resp: 42969
Ion Ratio Lower Upper
112 100
64 59.1 52.1 78.1
63 34.5 28.6 42.8

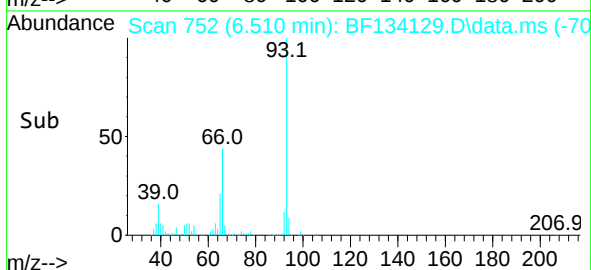
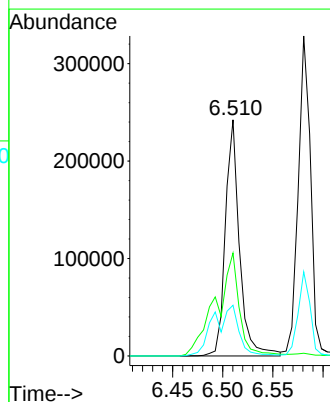
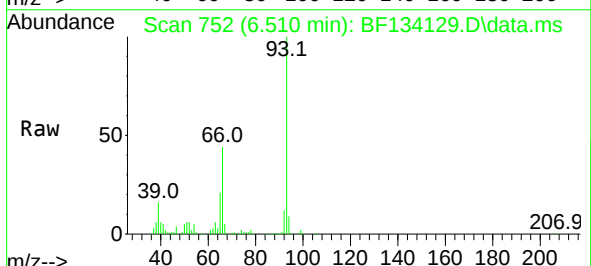
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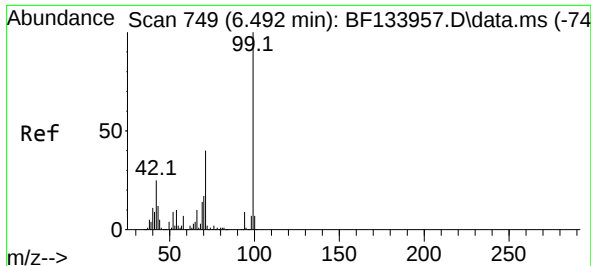
Reviewed By :Yogesh Patel 07/07/2023
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#6
Aniline
Concen: 24.819 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10

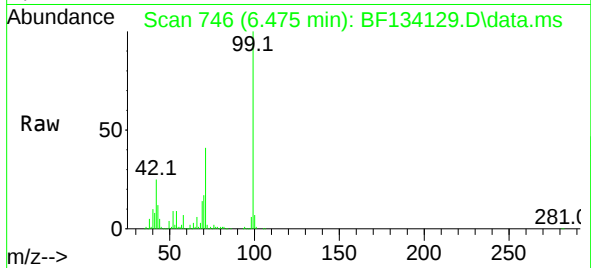
Tgt Ion: 93 Resp: 236634
Ion Ratio Lower Upper
93 100
66 43.6 34.5 51.7
65 21.5 17.8 26.6





#7
Phenol-d6
Concen: 42.427 ng
RT: 6.475 min Scan# 749
Delta R.T. -0.018 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10

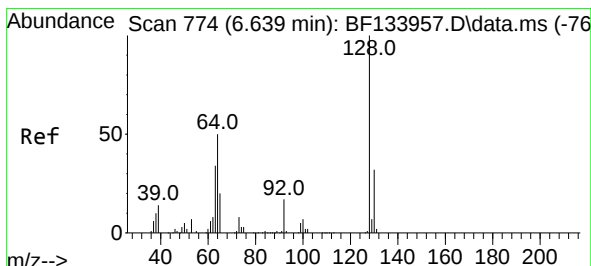
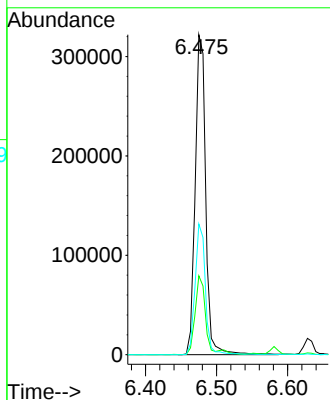
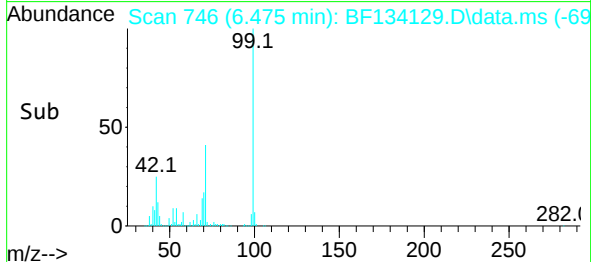
Instrument :
BNA_F
ClientSampleId :
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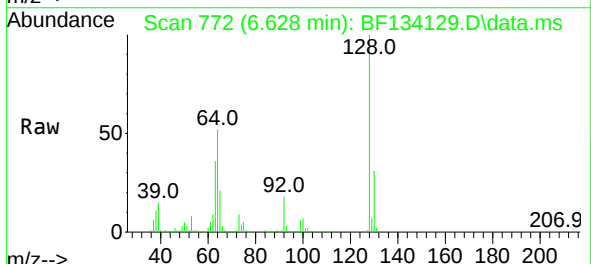
Tgt Ion: 99 Resp: 332410
Ion Ratio Lower Upper
99 100
42 24.6 19.8 29.6
71 40.8 31.9 47.9

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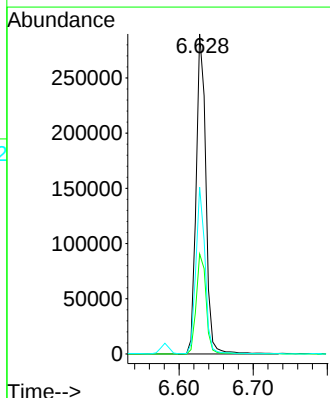
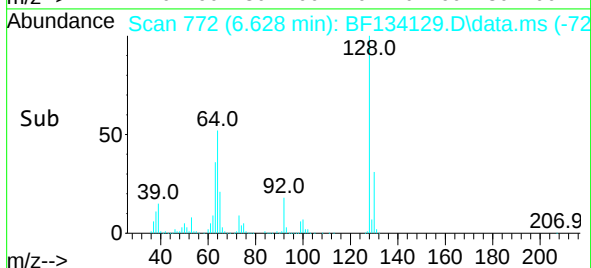
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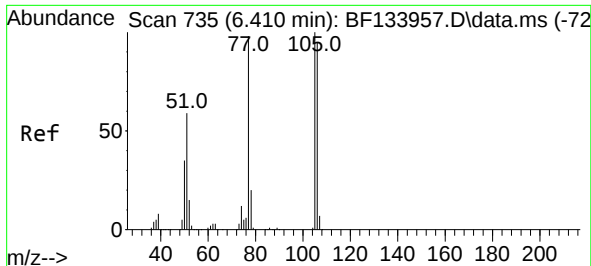


#8
2-Chlorophenol
Concen: 40.727 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.012 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10



Tgt Ion:128 Resp: 263395
Ion Ratio Lower Upper
128 100
130 31.2 11.7 51.7
64 52.1 31.3 71.3





#9

Benzaldehyde

Concen: 32.377 ng

RT: 6.398 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF134129.D

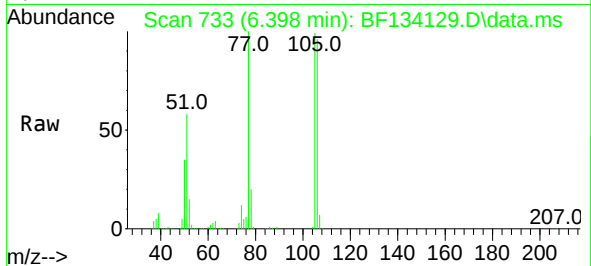
Acq: 07 Jul 2023 10:10

Instrument :

BNA_F

ClientSampleId :

TW-1MSD



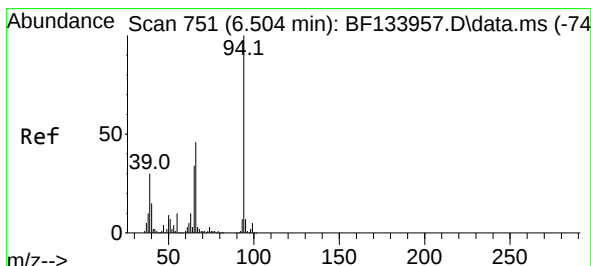
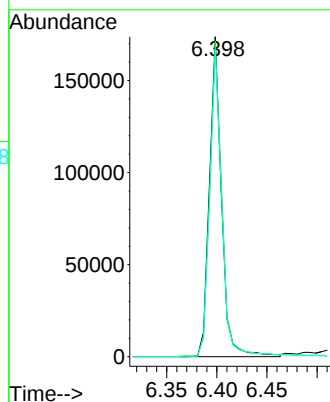
Tgt Ion:	77	Resp:	146619
Ion	Ratio	Lower	Upper
77	100		
105	98.5	82.0	122.0
106	95.9	76.9	116.9

Manual Integrations

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#10

Phenol

Concen: 17.086 ng

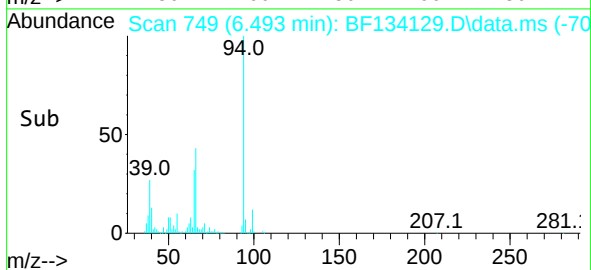
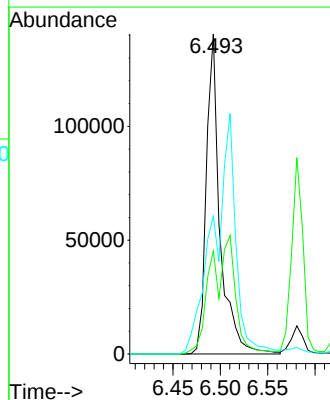
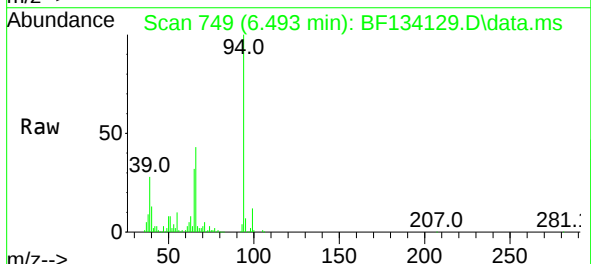
RT: 6.493 min Scan# 749

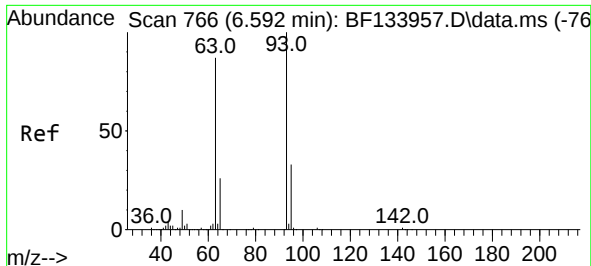
Delta R.T. -0.018 min

Lab File: BF134129.D

Acq: 07 Jul 2023 10:10

Tgt Ion:	94	Resp:	140754
Ion	Ratio	Lower	Upper
94	100		
65	32.2	14.2	54.2
66	43.1	26.4	66.4





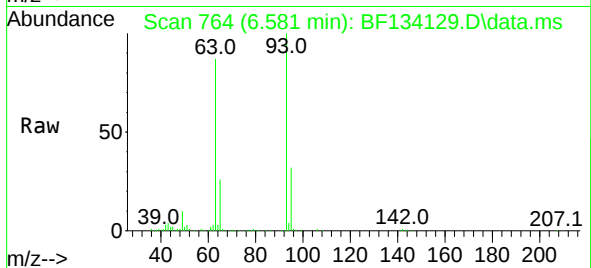
#11
bis(2-Chloroethyl)ether
Concen: 46.506 ng
RT: 6.581 min Scan# 701
Delta R.T. -0.012 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10

Instrument :

BNA_F

ClientSampleId :

TW-1MSD

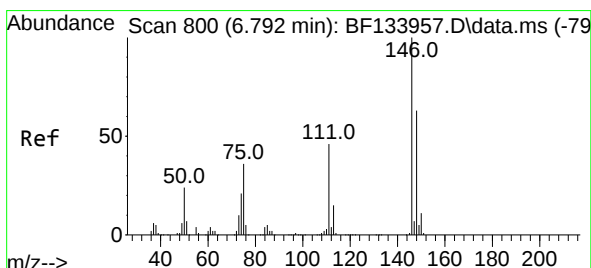
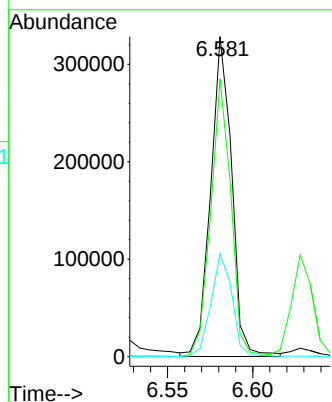
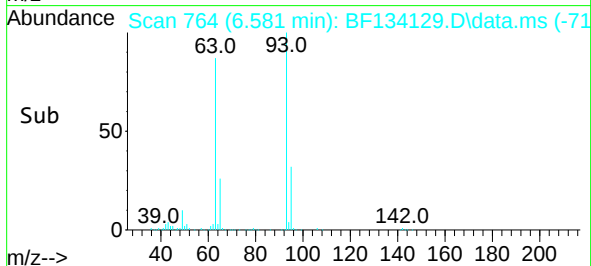


Tgt Ion: 93 Resp: 282060
Ion Ratio Lower Upper
93 100
63 86.8 66.5 106.5
95 32.2 12.9 52.9

Manual Integrations

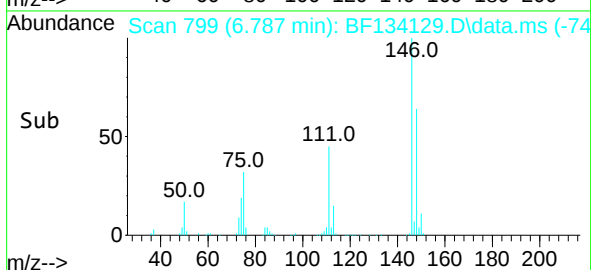
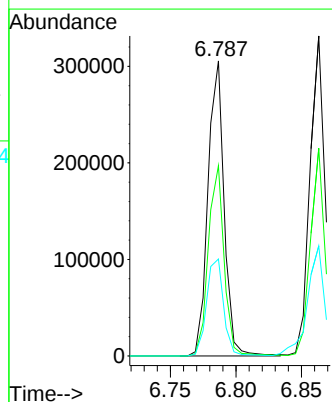
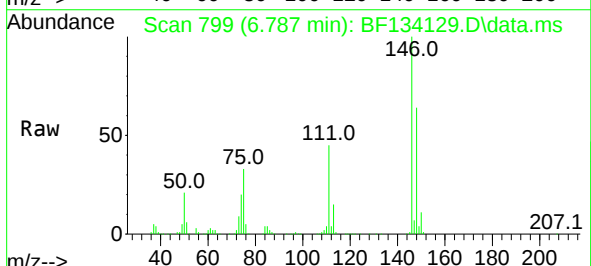
APPROVED

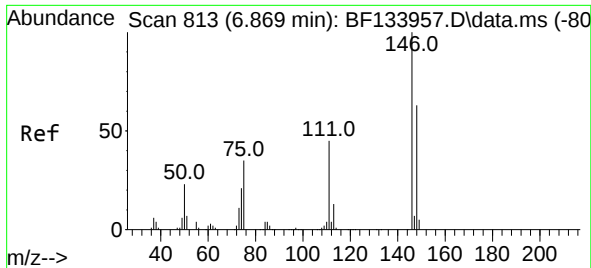
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#12
1,3-Dichlorobenzene
Concen: 38.118 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10

Tgt Ion:146 Resp: 262823
Ion Ratio Lower Upper
146 100
148 64.5 50.5 75.7
75 32.9 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 38.910 ng

RT: 6.863 min Scan# 813

Delta R.T. -0.006 min

Lab File: BF134129.D

Acq: 07 Jul 2023 10:10

Instrument :

BNA_F

ClientSampleId :

TW-1MSD

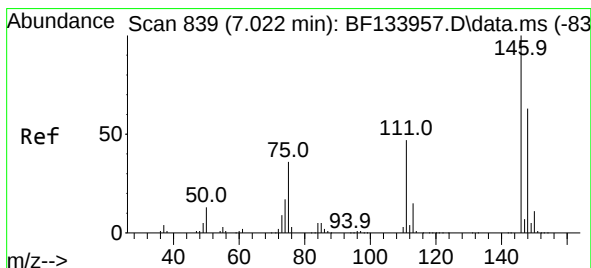
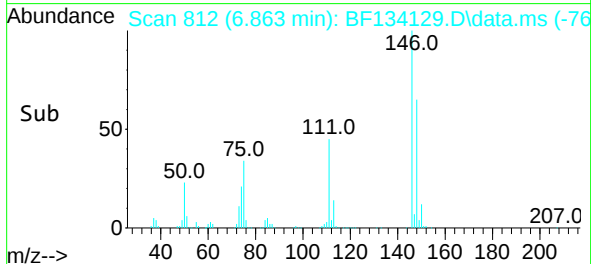
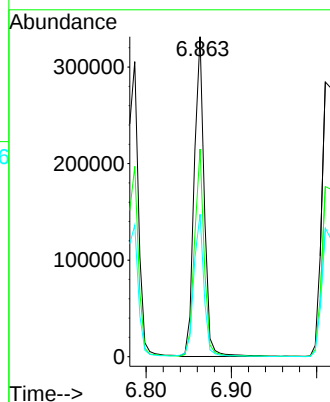
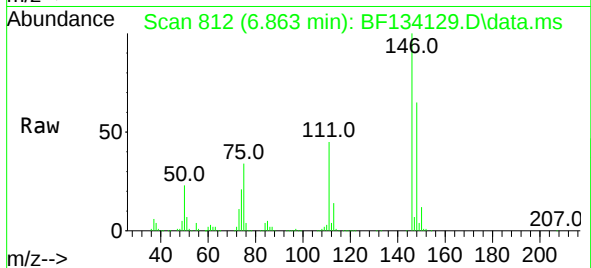
Tgt Ion:146 Resp: 270979
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.2 75.2
 111 44.5 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#14

1,2-Dichlorobenzene

Concen: 41.082 ng

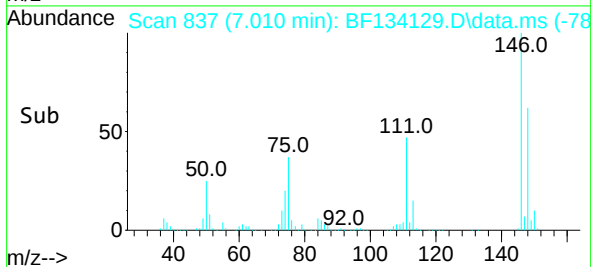
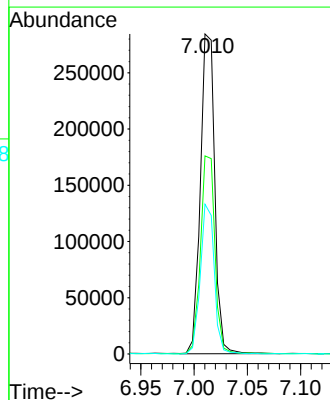
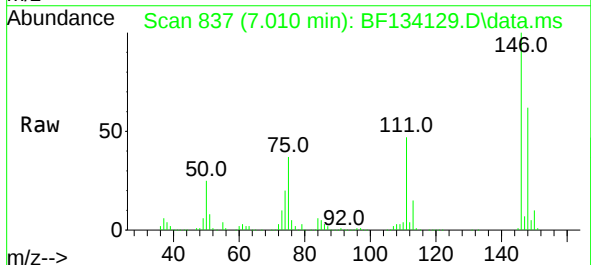
RT: 7.010 min Scan# 837

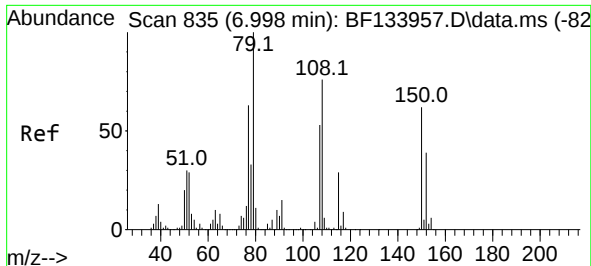
Delta R.T. -0.012 min

Lab File: BF134129.D

Acq: 07 Jul 2023 10:10

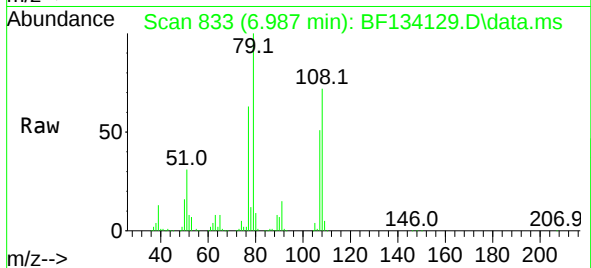
Tgt Ion:146 Resp: 267947
 Ion Ratio Lower Upper
 146 100
 148 61.9 50.6 76.0
 111 46.8 38.0 57.0





#15
Benzyl Alcohol
Concen: 31.703 ng
RT: 6.987 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10

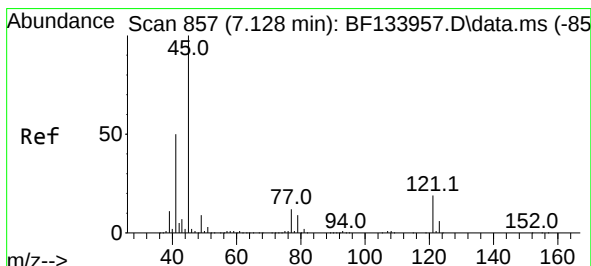
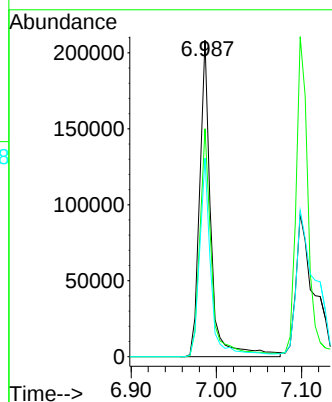
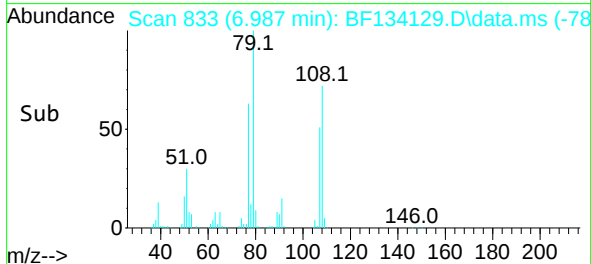
Instrument :
BNA_F
ClientSampleId :
TW-1MSD



Tgt Ion: 79 Resp: 191492
Ion Ratio Lower Upper
79 100
108 72.0 60.7 91.1
77 62.7 50.6 75.8

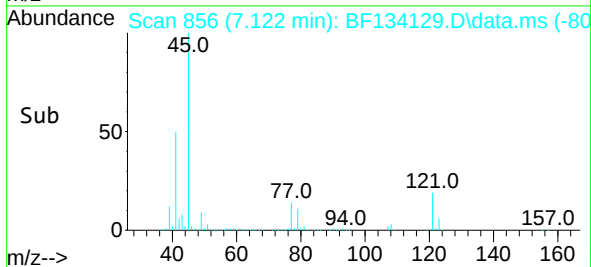
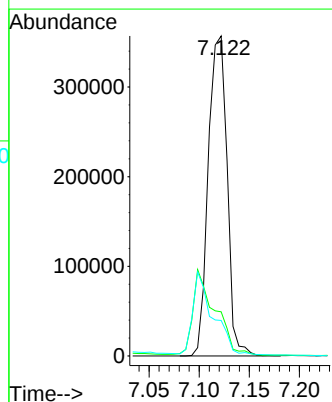
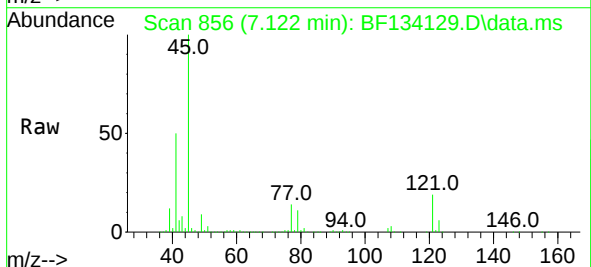
Manual Integrations
APPROVED

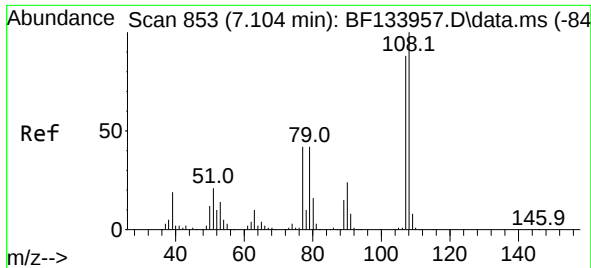
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.555 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10

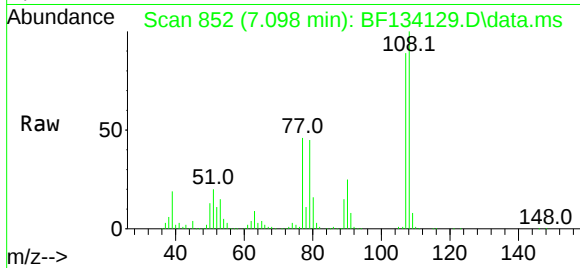
Tgt Ion: 45 Resp: 467332
Ion Ratio Lower Upper
45 100
77 13.8 0.0 32.9
79 11.1 0.0 29.5





#17
2-Methylphenol
Concen: 31.821 ng
RT: 7.098 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10

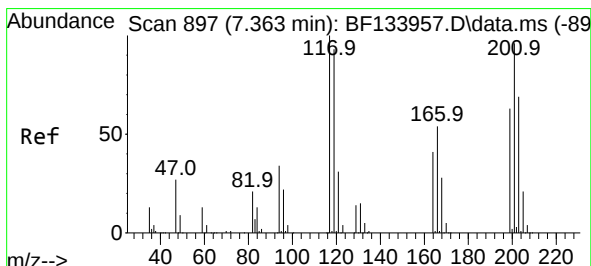
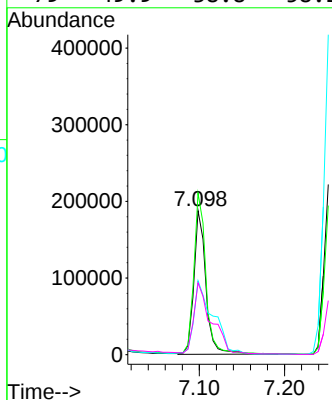
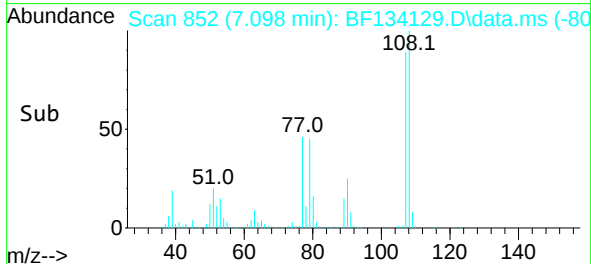
Instrument :
BNA_F
ClientSampleId :
TW-1MSD



Tgt Ion:107 Resp: 184290
Ion Ratio Lower Upper
107 100
108 112.1 90.6 136.0
77 51.3 38.3 57.5
79 49.9 38.8 58.2

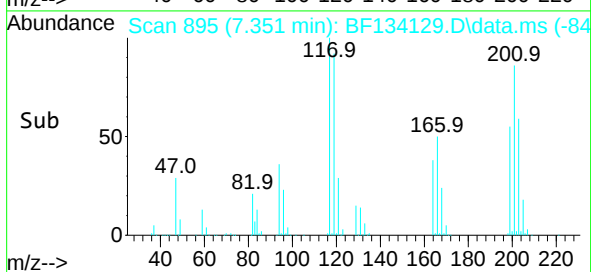
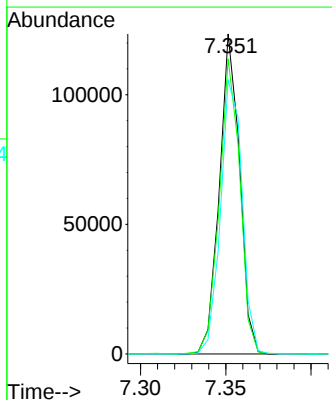
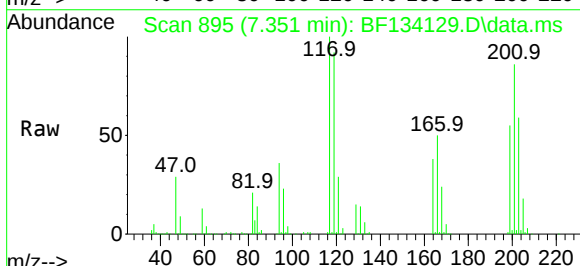
Manual Integrations
APPROVED

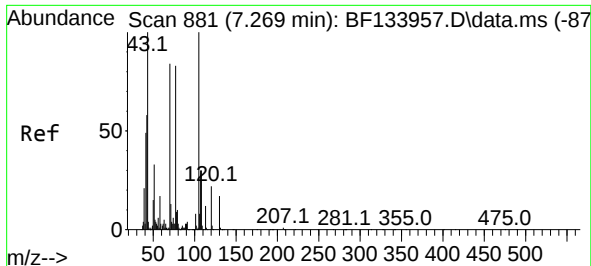
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#18
Hexachloroethane
Concen: 39.560 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10

Tgt Ion:117 Resp: 102154
Ion Ratio Lower Upper
117 100
119 92.3 74.2 111.4
201 85.6 77.2 115.8





#19

n-Nitroso-di-n-propylamine

Concen: 45.804 ng

RT: 7.263 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF134129.D

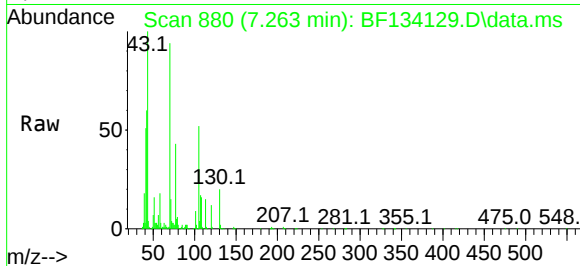
Acq: 07 Jul 2023 10:10

Instrument :

BNA_F

ClientSampleId :

TW-1MSD



Tgt Ion: 70 Resp: 22758

Ion Ratio Lower Upper

70 100

42 64.2 54.7 82.1

101 10.0 7.7 11.5

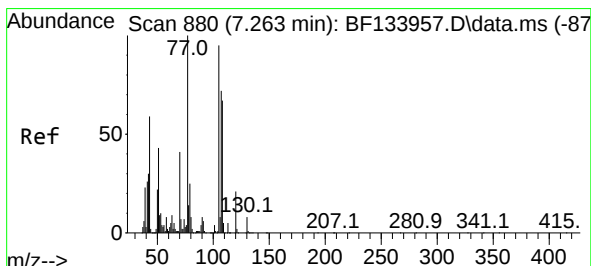
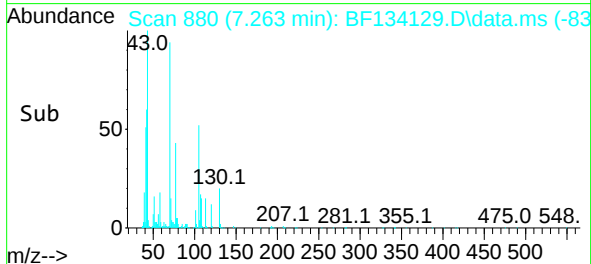
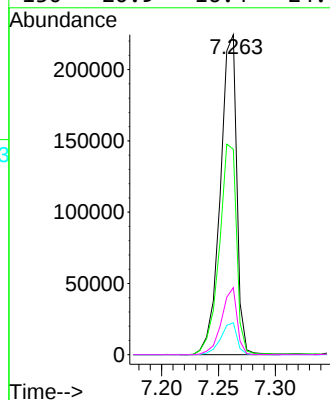
130 20.9 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#20

3+4-Methylphenols

Concen: 28.685 ng

RT: 7.251 min Scan# 878

Delta R.T. -0.012 min

Lab File: BF134129.D

Acq: 07 Jul 2023 10:10

Tgt Ion:107 Resp: 201536

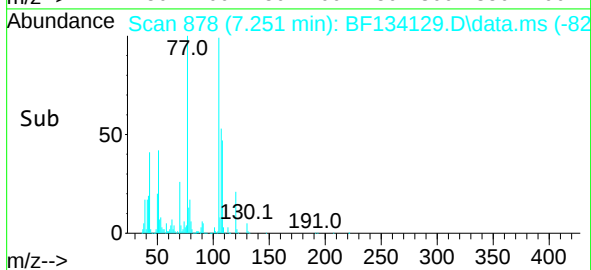
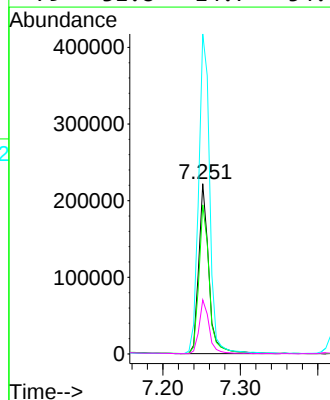
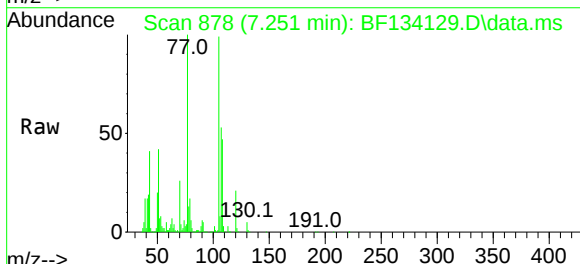
Ion Ratio Lower Upper

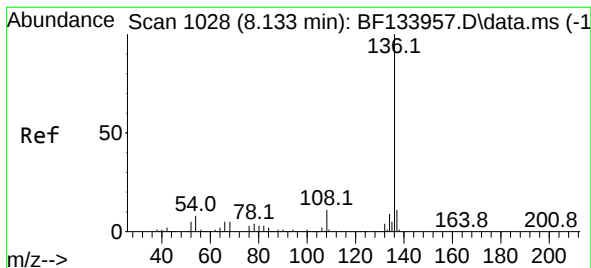
107 100

108 87.6 73.2 113.2

77 188.0 118.3 158.3#

79 31.8 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: BF134129.D

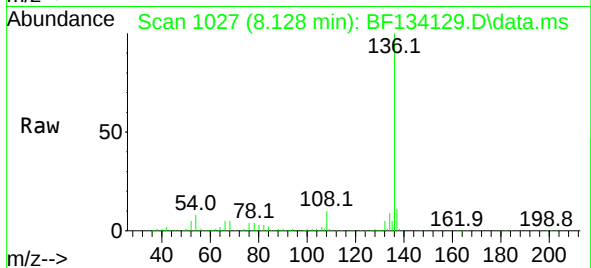
Acq: 07 Jul 2023 10:10

Instrument :

BNA_F

ClientSampleId :

TW-1MSD



Tgt Ion:136 Resp: 402650

Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

54 8.0 6.5 9.7

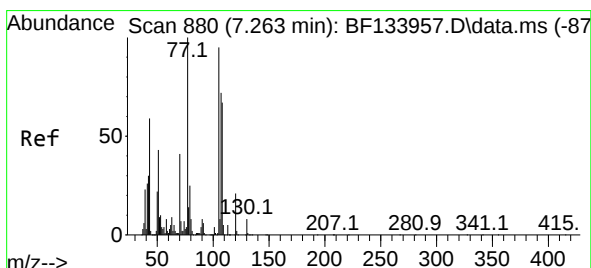
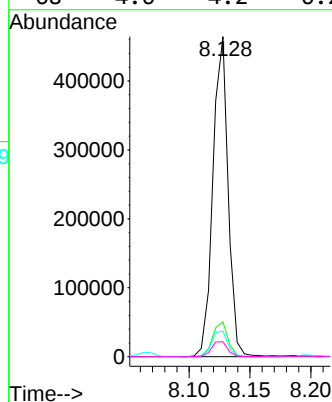
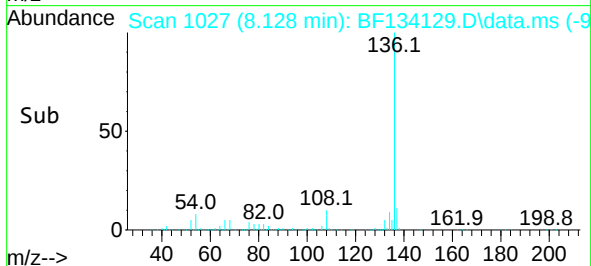
68 4.6 4.2 6.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#22

Acetophenone

Concen: 48.646 ng

RT: 7.257 min Scan# 879

Delta R.T. -0.006 min

Lab File: BF134129.D

Acq: 07 Jul 2023 10:10

Tgt Ion:105 Resp: 445473

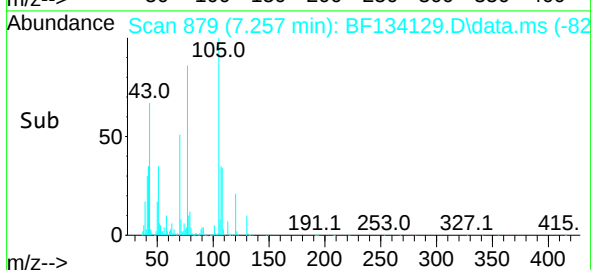
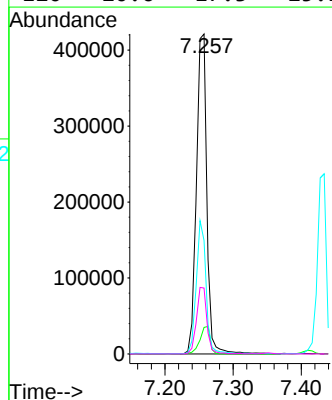
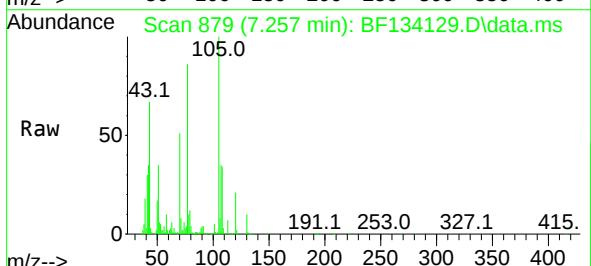
Ion Ratio Lower Upper

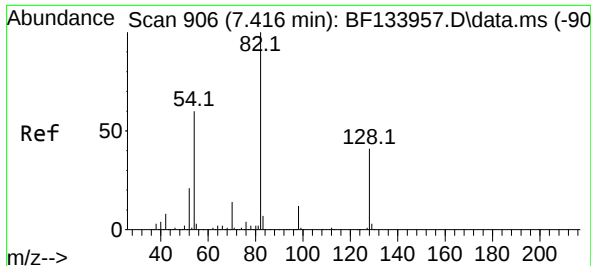
105 100

71 8.3 5.5 8.3#

51 35.5 36.5 54.7#

120 20.6 17.3 25.9





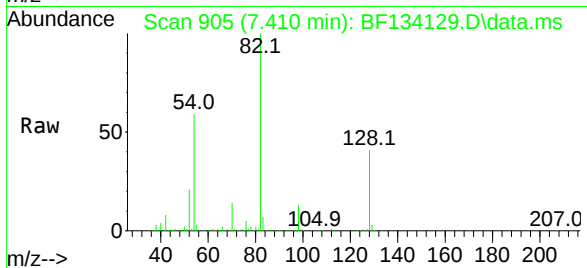
#23
Nitrobenzene-d5
Concen: 94.107 ng
RT: 7.410 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10

Instrument :

BNA_F

ClientSampleId :

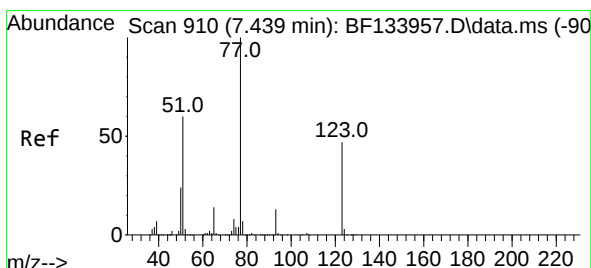
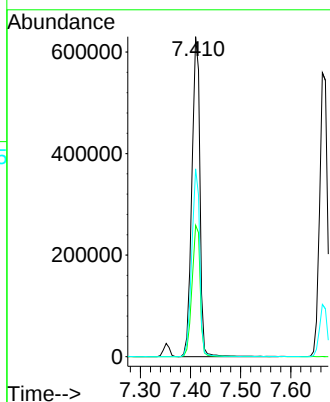
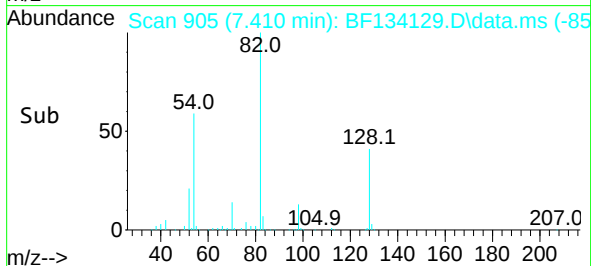
TW-1MSD



Tgt Ion: 82 Resp: 70295
Ion Ratio Lower Upper
82 100
128 41.1 32.5 48.7
54 58.7 48.2 72.2

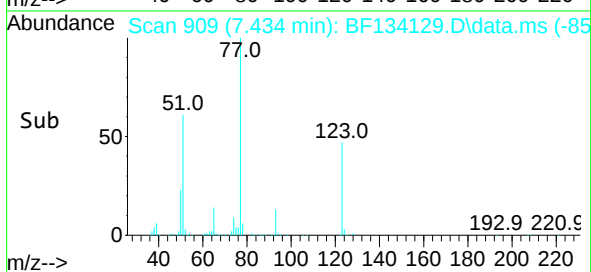
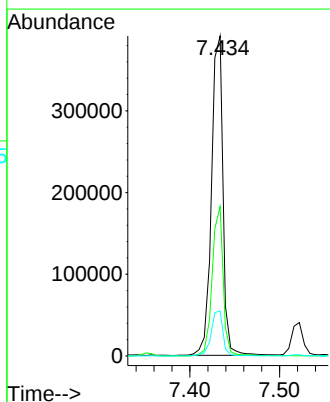
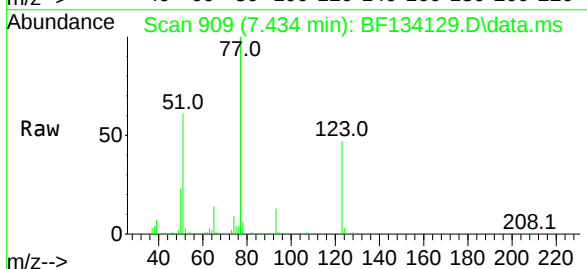
Manual Integrations
APPROVED

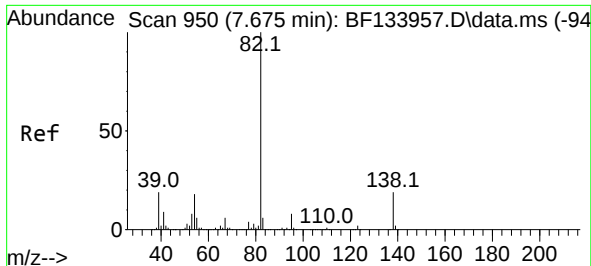
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#24
Nitrobenzene
Concen: 46.149 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10

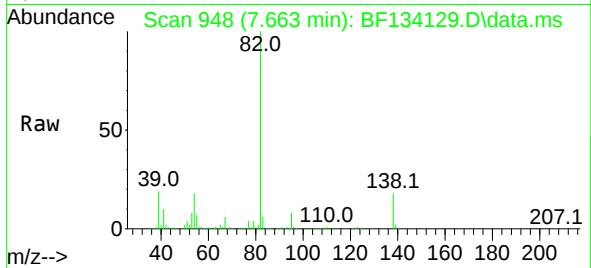
Tgt Ion: 77 Resp: 348350
Ion Ratio Lower Upper
77 100
123 46.7 37.8 56.6
65 14.0 11.3 16.9





#25
Isophorone
Concen: 45.532 ng
RT: 7.663 min Scan# 948
Delta R.T. -0.012 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10

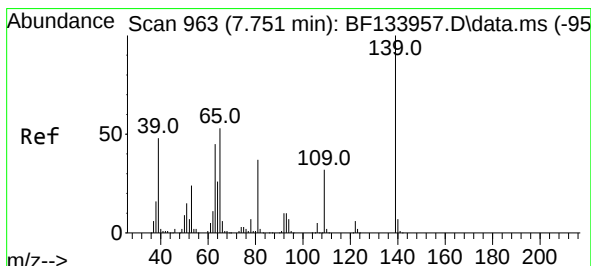
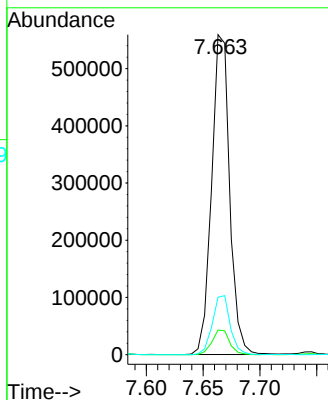
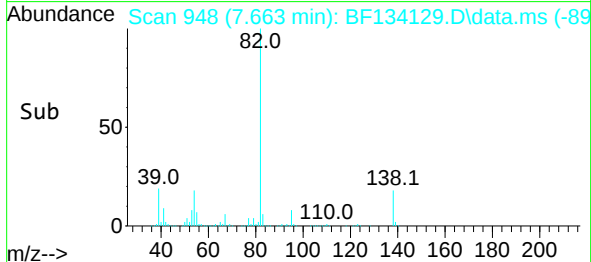
Instrument :
BNA_F
ClientSampleId :
TW-1MSD



Tgt Ion: 82 Resp: 618128
Ion Ratio Lower Upper
82 100
95 7.7 6.1 9.1
138 18.0 15.2 22.8

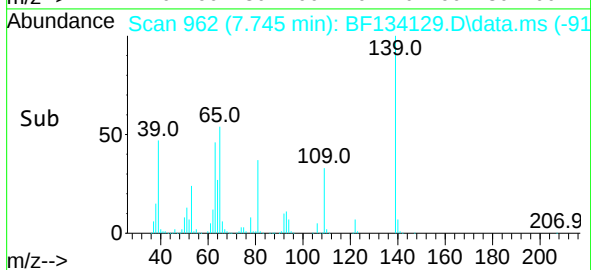
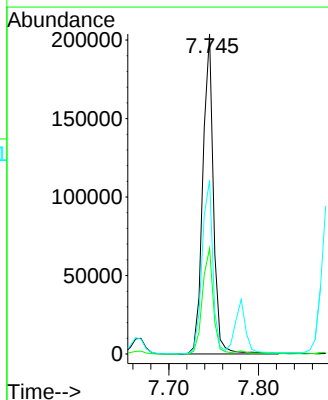
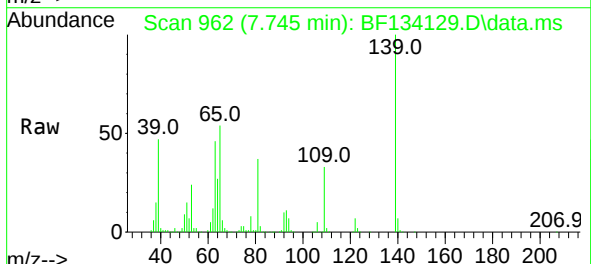
Manual Integrations
APPROVED

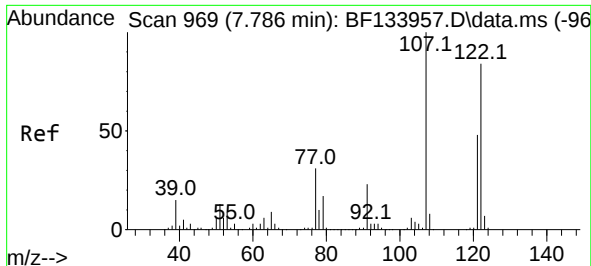
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#26
2-Nitrophenol
Concen: 46.371 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10

Tgt Ion:139 Resp: 167910
Ion Ratio Lower Upper
139 100
109 33.0 25.8 38.8
65 54.3 42.4 63.6





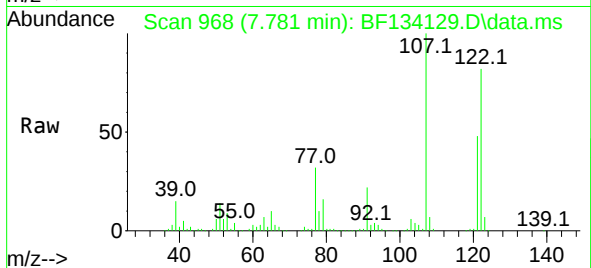
#27
2,4-Dimethylphenol
Concen: 40.917 ng
RT: 7.781 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10

Instrument :

BNA_F

ClientSampleId :

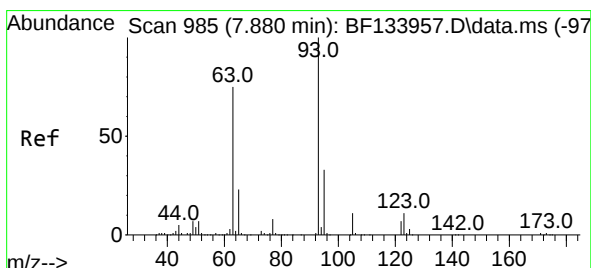
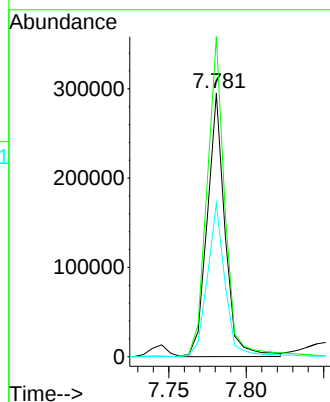
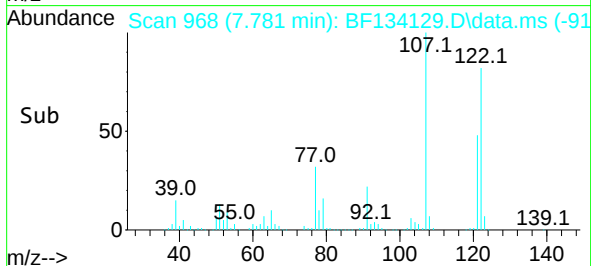
TW-1MSD



Tgt Ion:122 Resp: 23452
Ion Ratio Lower Upper
122 100
107 121.5 95.5 143.3
121 58.2 45.5 68.3

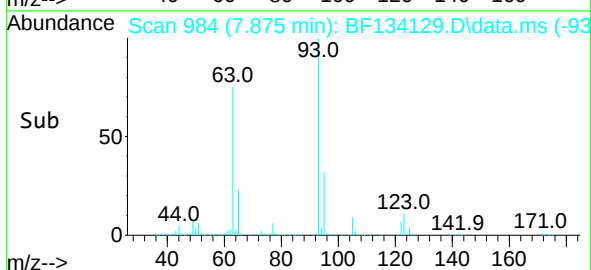
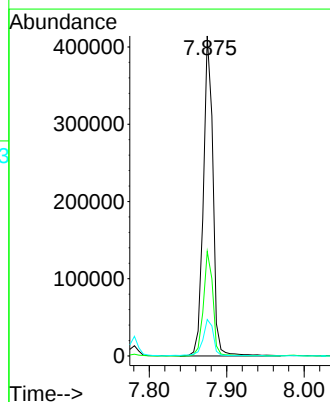
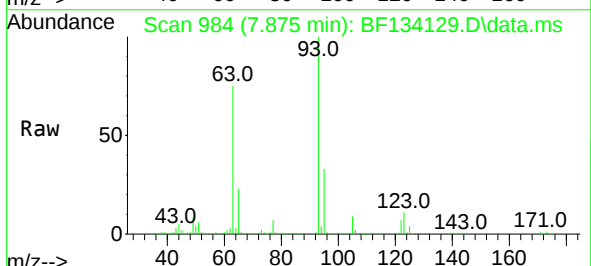
Manual Integrations
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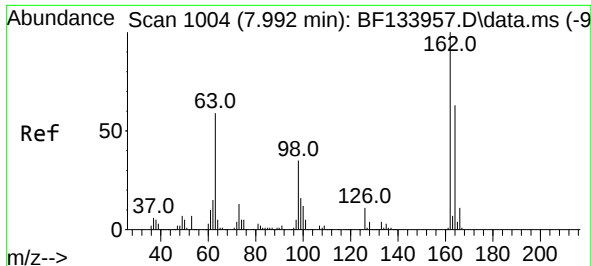
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#28
bis(2-Chloroethoxy)methane
Concen: 45.528 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10

Tgt Ion: 93 Resp: 357883
Ion Ratio Lower Upper
93 100
95 32.6 26.5 39.7
123 11.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 43.987 ng

RT: 7.987 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BF134129.D

Acq: 07 Jul 2023 10:10

Instrument :

BNA_F

ClientSampleId :

TW-1MSD

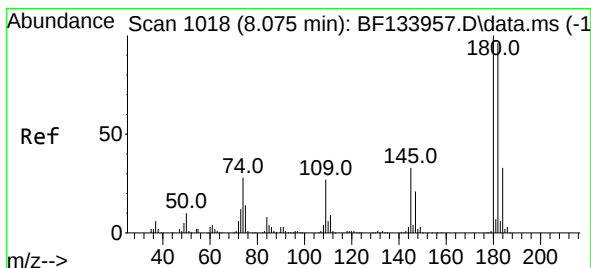
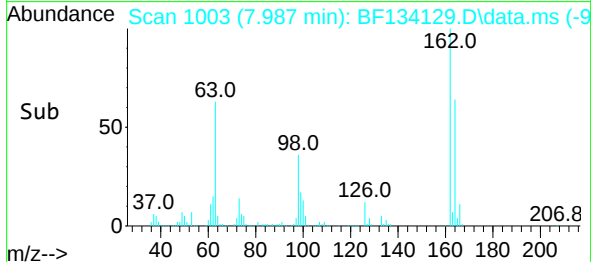
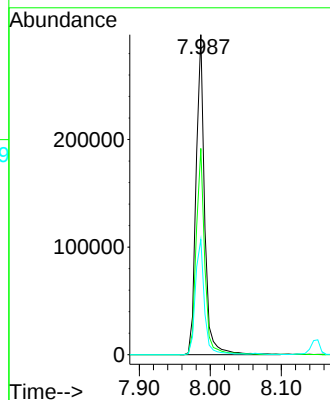
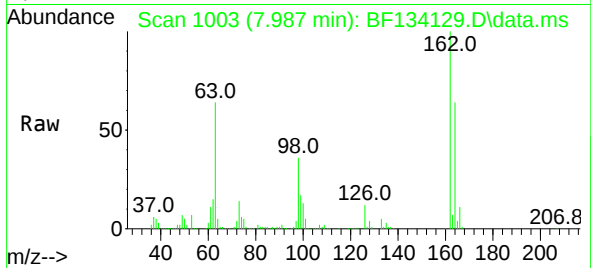
Tgt Ion:162 Resp: 250014
 Ion Ratio Lower Upper
 162 100
 164 64.4 43.2 83.2
 98 36.0 14.9 54.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#30

1,2,4-Trichlorobenzene

Concen: 41.754 ng

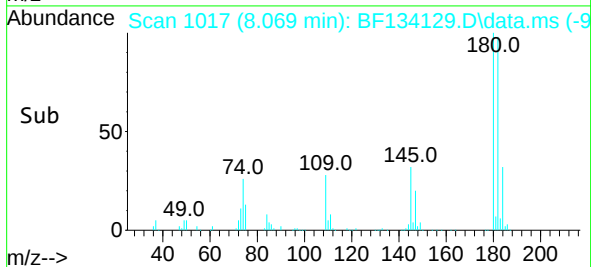
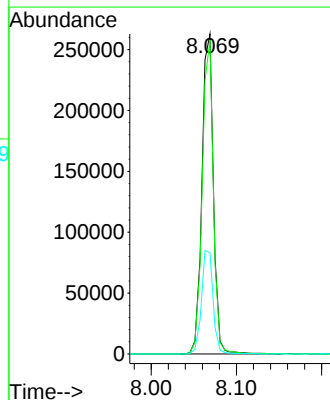
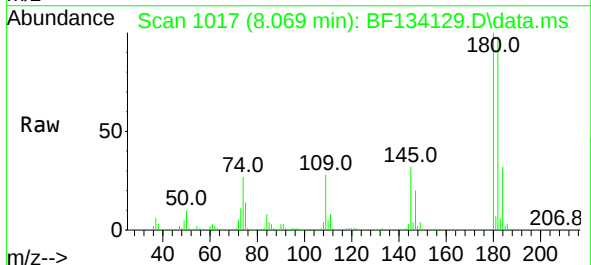
RT: 8.069 min Scan# 1017

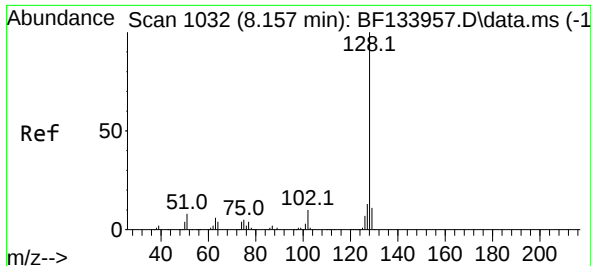
Delta R.T. -0.006 min

Lab File: BF134129.D

Acq: 07 Jul 2023 10:10

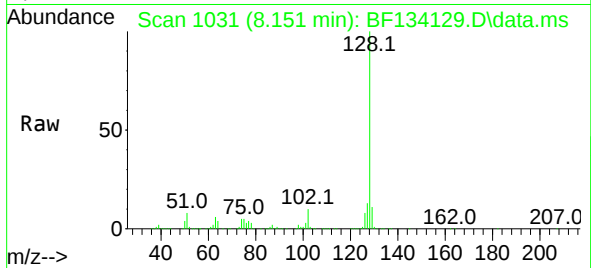
Tgt Ion:180 Resp: 244876
 Ion Ratio Lower Upper
 180 100
 182 98.1 77.1 115.7
 145 31.7 26.0 39.0





#31
Naphthalene
Concen: 42.110 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10

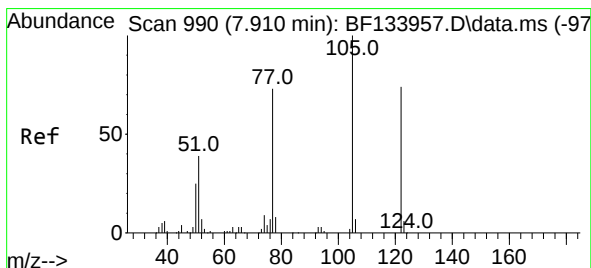
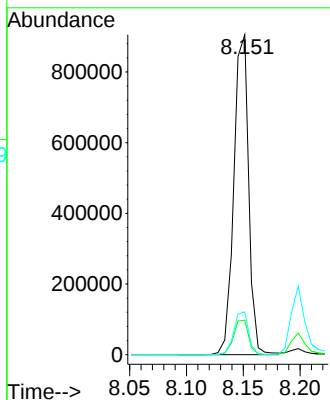
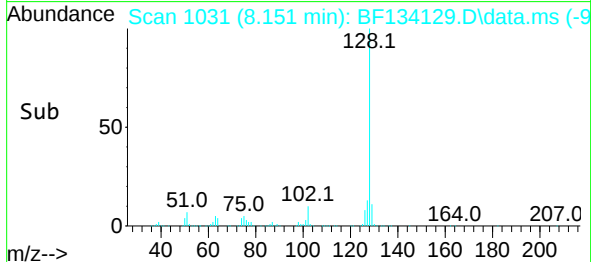
Instrument :
BNA_F
ClientSampleId :
TW-1MSD



Tgt Ion:128 Resp: 819030
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.4 10.6 15.8

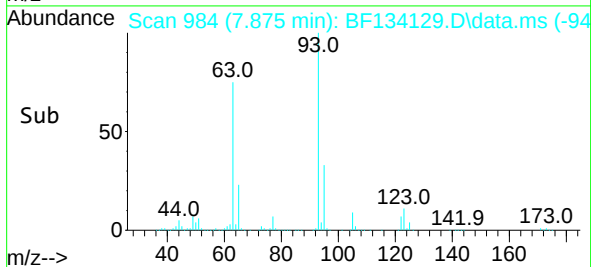
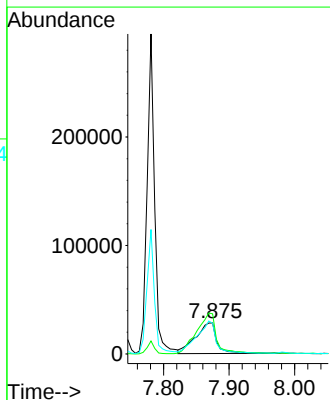
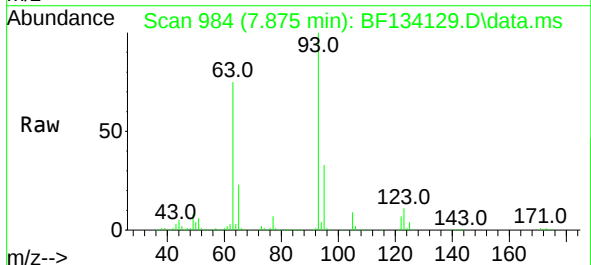
Manual Integrations
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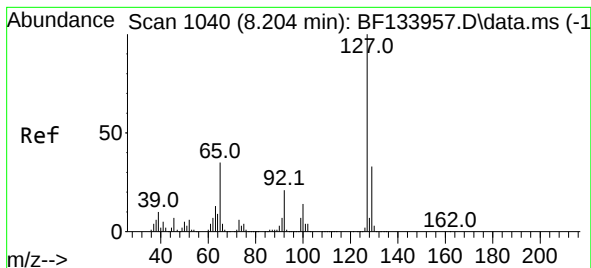
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#32
Benzoic acid
Concen: 15.100 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.041 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10

Tgt Ion:122 Resp: 64855
Ion Ratio Lower Upper
122 100
105 128.9 109.7 149.7
77 98.5 76.0 116.0





#33

4-Chloroaniline

Concen: 21.412 ng

RT: 8.198 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF134129.D

Acq: 07 Jul 2023 10:10

Instrument :

BNA_F

ClientSampleId :

TW-1MSD

Tgt Ion:127 Resp: 17814

Ion Ratio Lower Upper

127 100

129 31.8 26.4 39.6

65 32.9 27.8 41.8

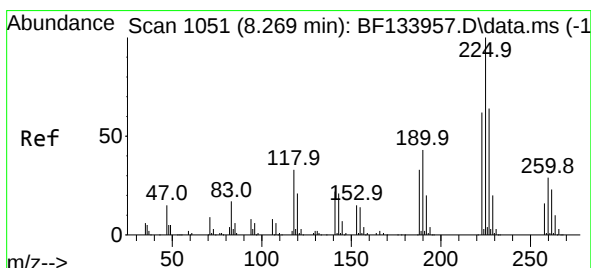
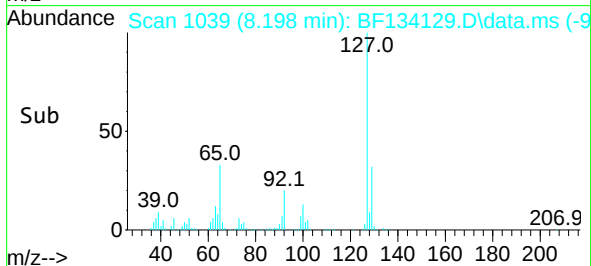
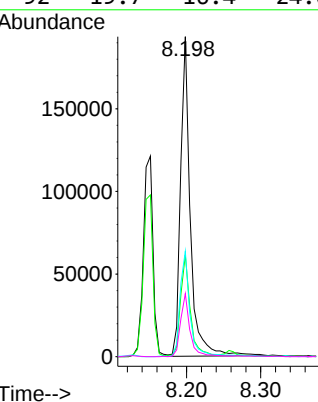
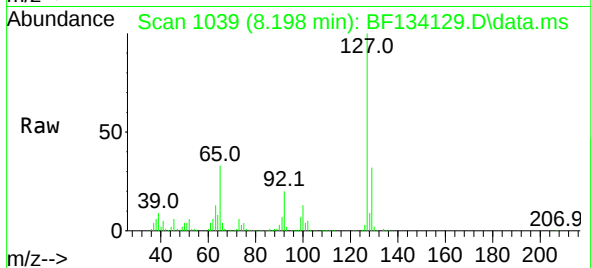
92 19.7 16.4 24.6

Manual Integrations

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Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#34

Hexachlorobutadiene

Concen: 40.237 ng

RT: 8.263 min Scan# 1050

Delta R.T. 0.000 min

Lab File: BF134129.D

Acq: 07 Jul 2023 10:10

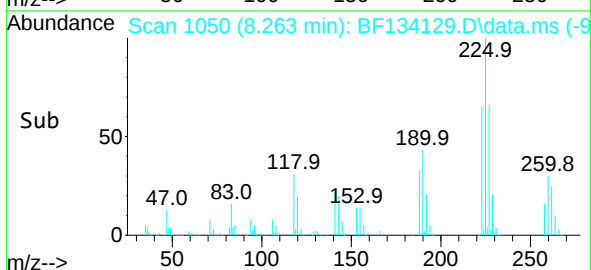
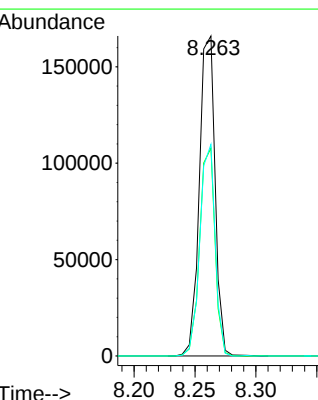
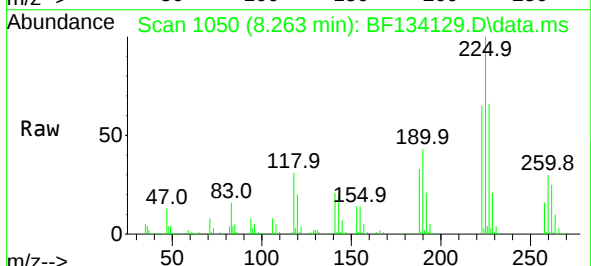
Tgt Ion:225 Resp: 148856

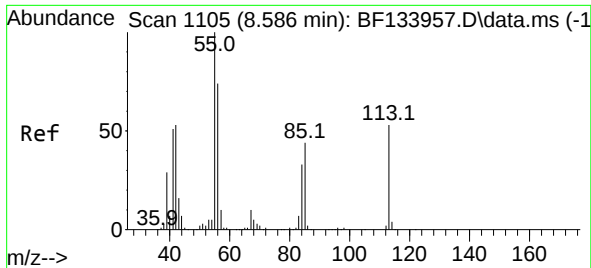
Ion Ratio Lower Upper

225 100

223 64.9 49.8 74.8

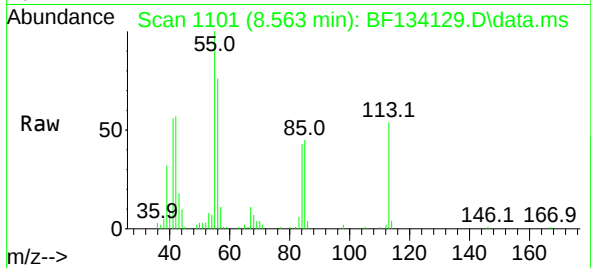
227 66.1 51.0 76.4





#35
Caprolactam
Concen: 8.110 ng m
RT: 8.563 min Scan# 1105
Delta R.T. -0.029 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10

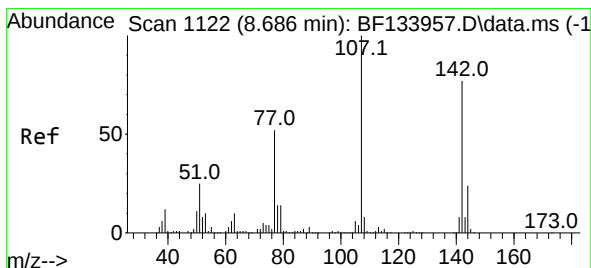
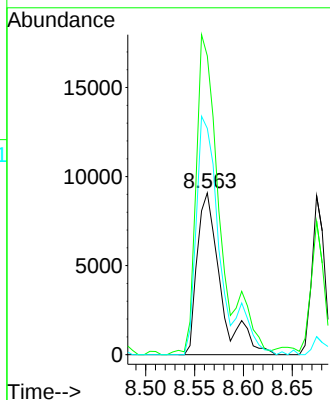
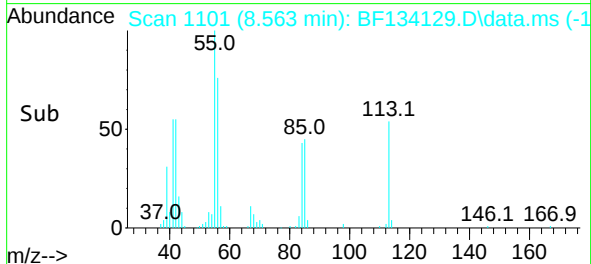
Instrument :
BNA_F
ClientSampleId :
TW-1MSD



Tgt Ion:113 Resp: 1517
Ion Ratio Lower Upper
113 100
55 184.7 170.2 210.2
56 139.8 121.4 161.4

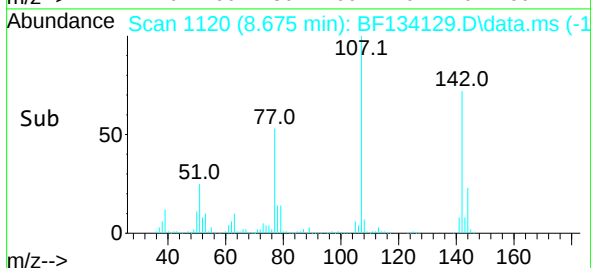
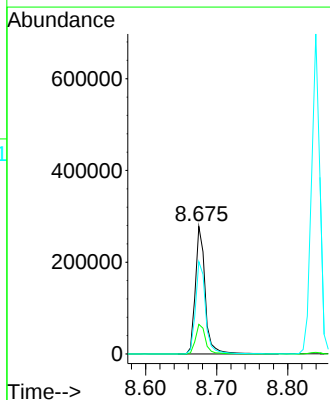
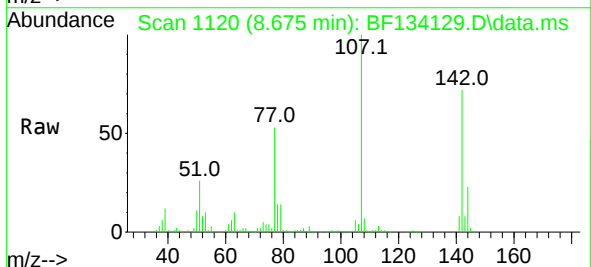
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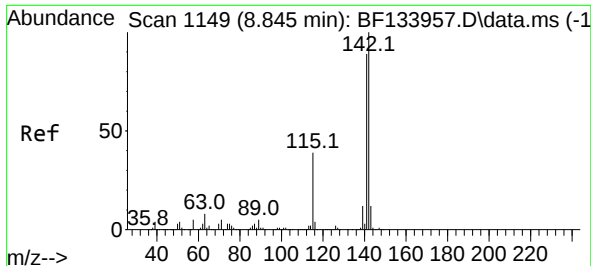
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#36
4-Chloro-3-methylphenol
Concen: 42.068 ng
RT: 8.675 min Scan# 1120
Delta R.T. -0.012 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10

Tgt Ion:107 Resp: 268608
Ion Ratio Lower Upper
107 100
144 23.3 19.6 29.4
142 72.3 61.4 92.2





#37

2-Methylnaphthalene

Concen: 41.783 ng

RT: 8.839 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BF134129.D

Acq: 07 Jul 2023 10:10

Instrument :

BNA_F

ClientSampleId :

TW-1MSD

Tgt Ion:142 Resp: 574674

Ion Ratio Lower Upper

142 100

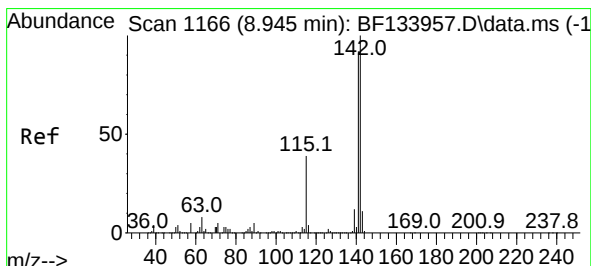
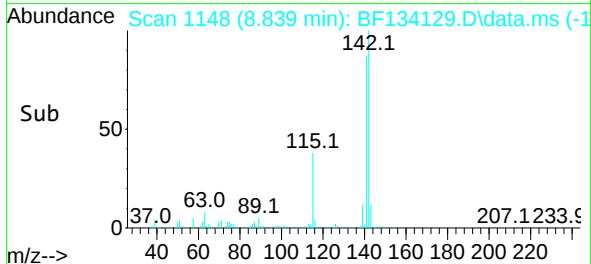
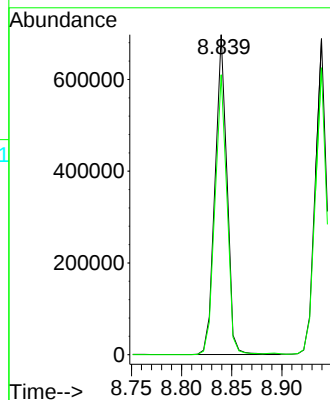
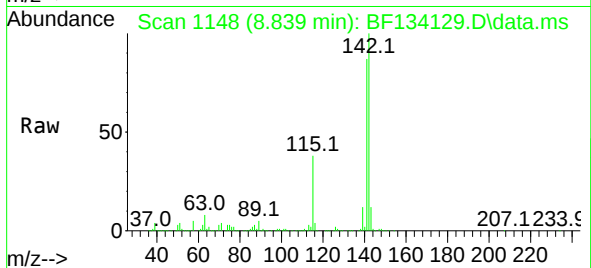
141 87.5 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#38

1-Methylnaphthalene

Concen: 41.904 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF134129.D

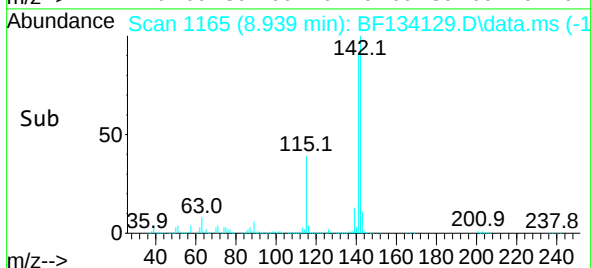
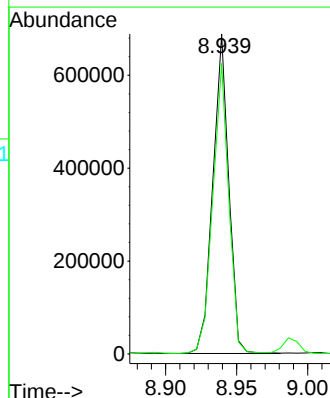
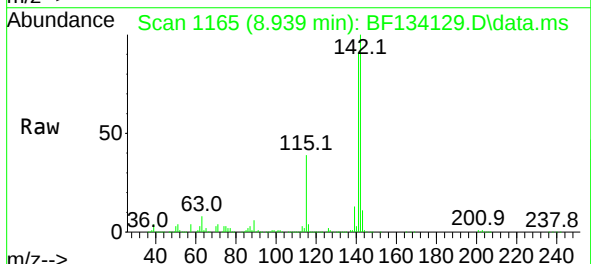
Acq: 07 Jul 2023 10:10

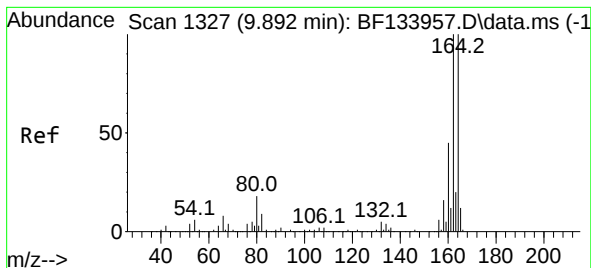
Tgt Ion:142 Resp: 535792

Ion Ratio Lower Upper

142 100

141 90.8 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF134129.D

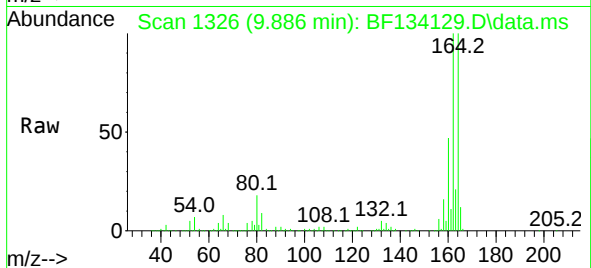
Acq: 07 Jul 2023 10:10

Instrument :

BNA_F

ClientSampleId :

TW-1MSD



Tgt Ion:164 Resp: 19954

Ion Ratio Lower Upper

164 100

162 100.4 80.0 120.0

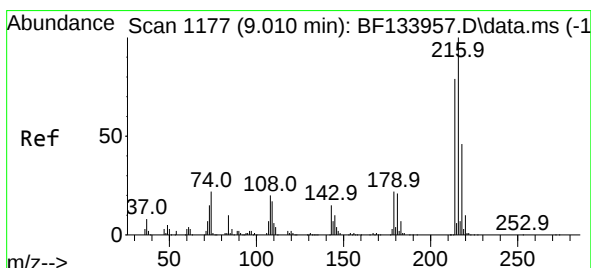
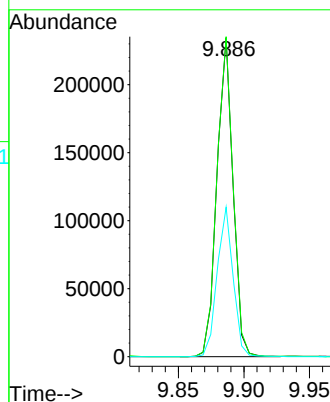
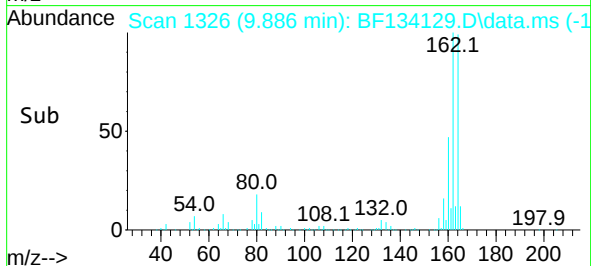
160 46.9 35.9 53.9

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Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.912 ng

RT: 9.004 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF134129.D

Acq: 07 Jul 2023 10:10

Tgt Ion:216 Resp: 271423

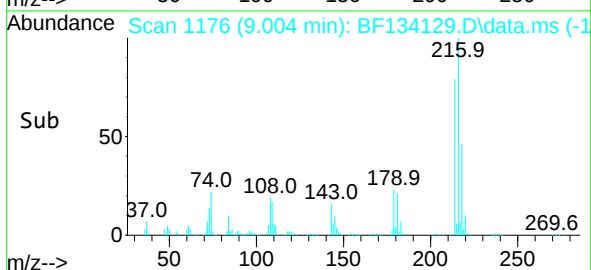
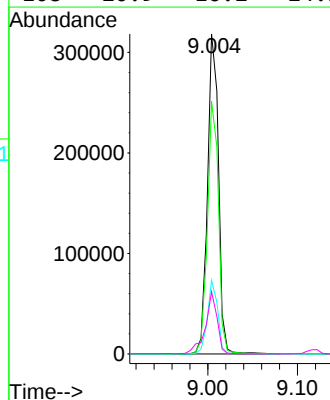
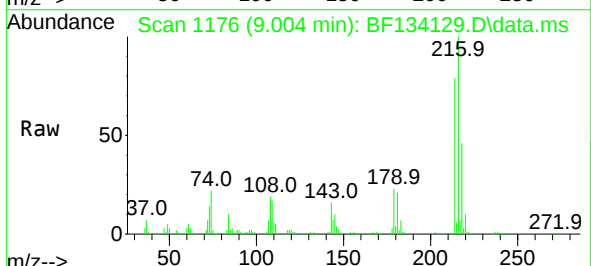
Ion Ratio Lower Upper

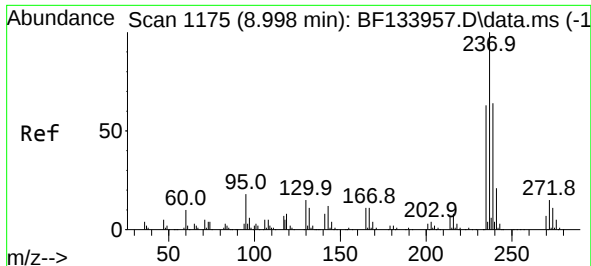
216 100

214 78.9 64.1 96.1

179 21.8 17.3 25.9

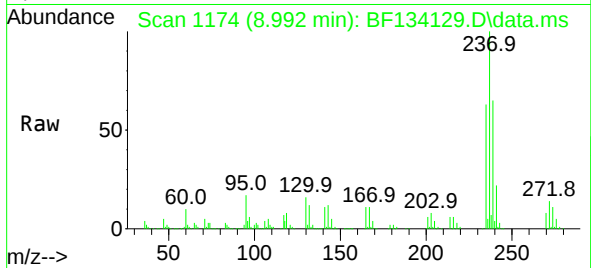
108 20.9 16.2 24.2





#41
Hexachlorocyclopentadiene
Concen: 74.469 ng
RT: 8.992 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10

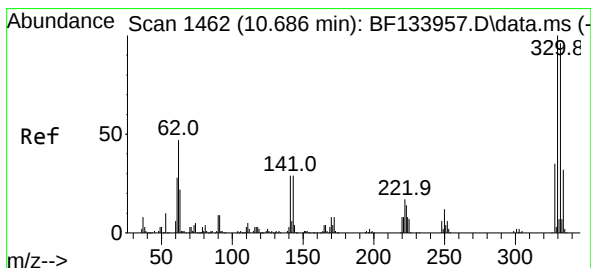
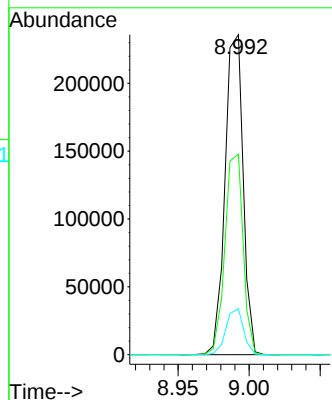
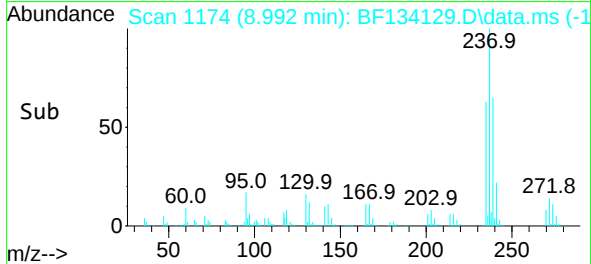
Instrument :
BNA_F
ClientSampleId :
TW-1MSD



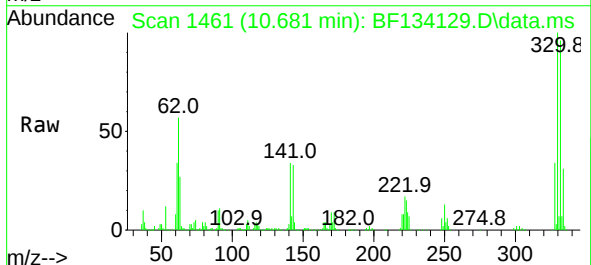
Tgt Ion:237 Resp: 208860
Ion Ratio Lower Upper
237 100
235 62.6 42.8 82.8
272 14.3 0.0 34.6

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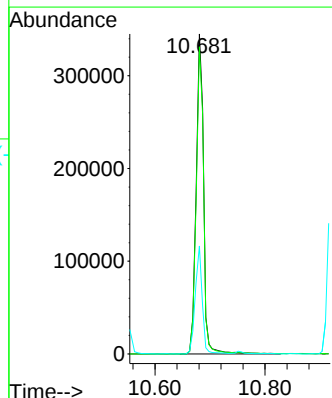
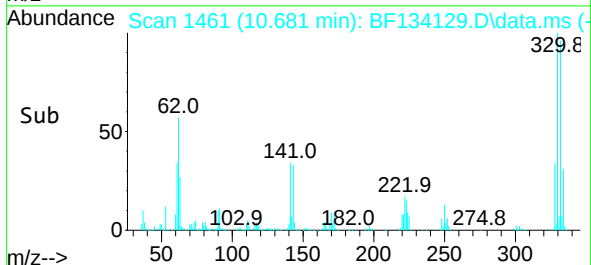
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

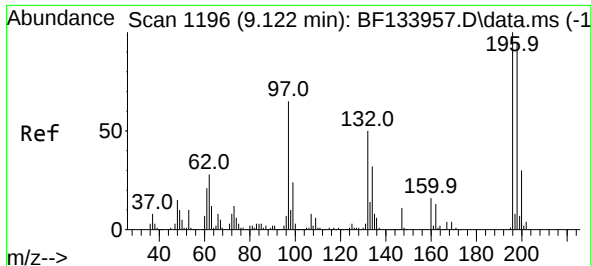


#42
2,4,6-Tribromophenol
Concen: 127.987 ng
RT: 10.681 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10



Tgt Ion:330 Resp: 320208
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.6
141 31.9 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 45.323 ng

RT: 9.116 min Scan# 1196

Delta R.T. -0.012 min

Lab File: BF134129.D

Acq: 07 Jul 2023 10:10

Instrument :

BNA_F

ClientSampleId :

TW-1MSD

Tgt Ion:196 Resp: 18239

Ion Ratio Lower Upper

196 100

198 94.4 75.6 113.4

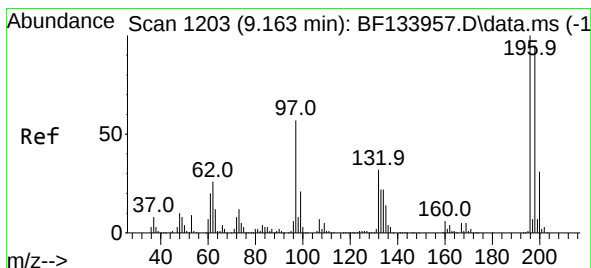
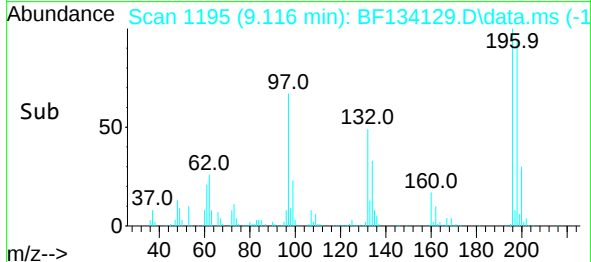
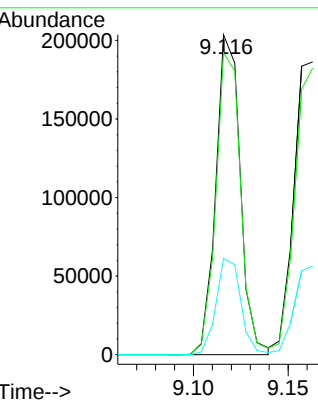
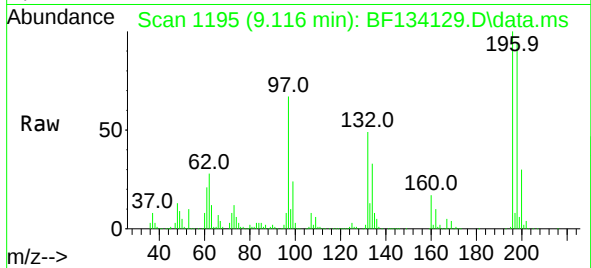
200 30.1 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#44

2,4,5-Trichlorophenol

Concen: 42.607 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF134129.D

Acq: 07 Jul 2023 10:10

Tgt Ion:196 Resp: 201695

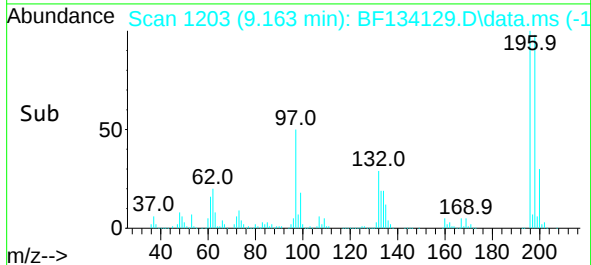
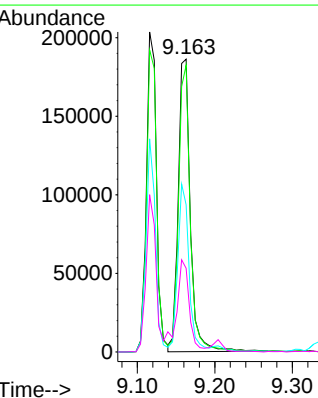
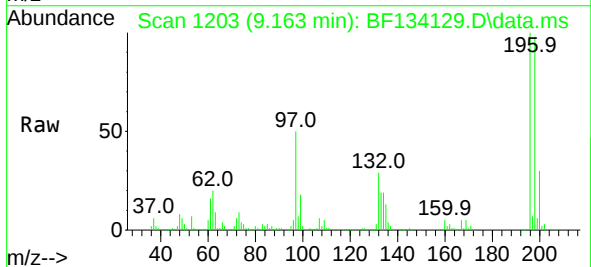
Ion Ratio Lower Upper

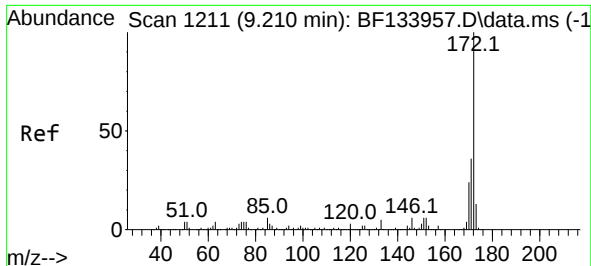
196 100

198 97.9 75.7 113.5

97 50.3 45.8 68.6

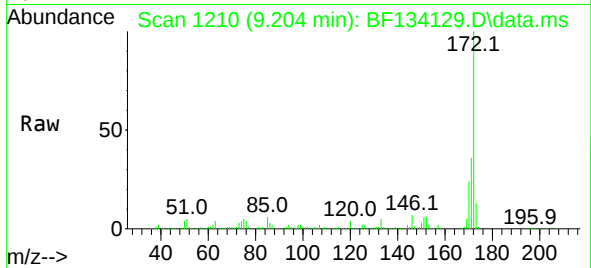
132 28.6 26.2 39.4





#45
2-Fluorobiphenyl
Concen: 87.333 ng
RT: 9.204 min Scan# 1198624
Delta R.T. -0.006 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10

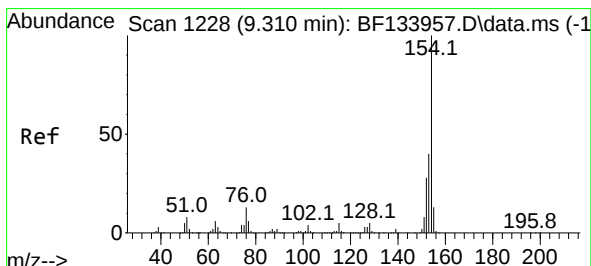
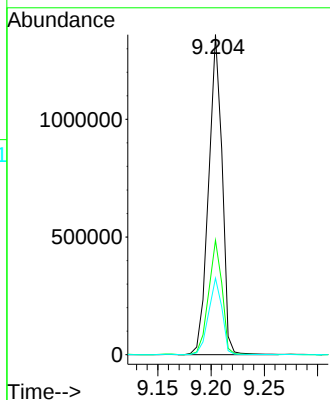
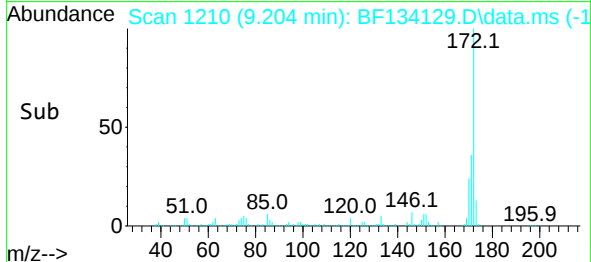
Instrument :
BNA_F
ClientSampleId :
TW-1MSD



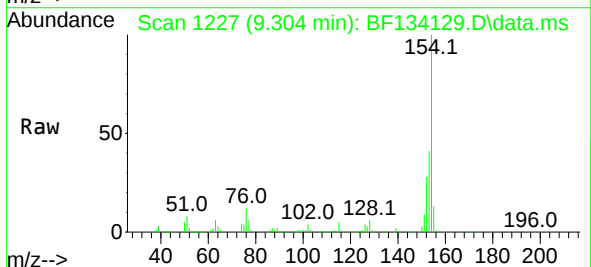
Tgt Ion:172 Resp: 1198624
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.9 19.4 29.0

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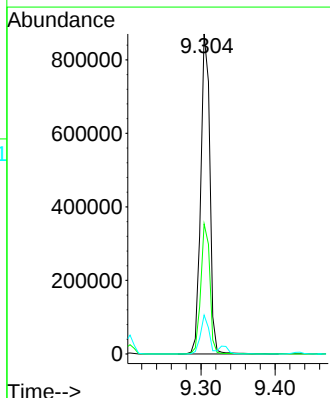
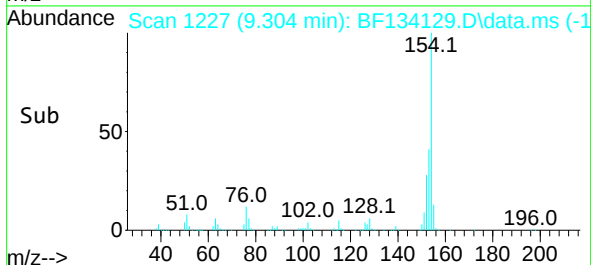
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

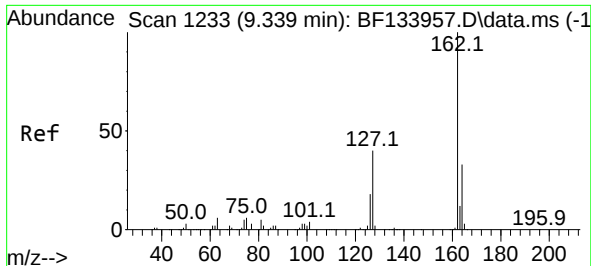


#46
1,1'-Biphenyl
Concen: 46.580 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10



Tgt Ion:154 Resp: 745592
Ion Ratio Lower Upper
154 100
153 40.6 19.8 59.8
76 12.1 0.0 32.9





#47

2-Chloronaphthalene

Concen: 46.504 ng

RT: 9.334 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF134129.D

Acq: 07 Jul 2023 10:10

Instrument :

BNA_F

ClientSampleId :

TW-1MSD

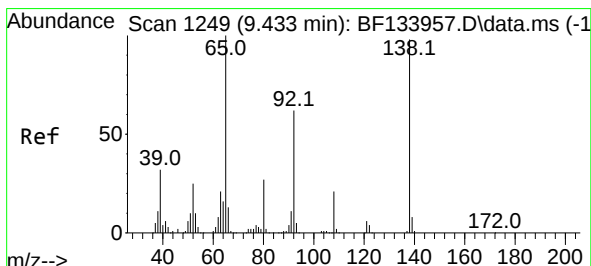
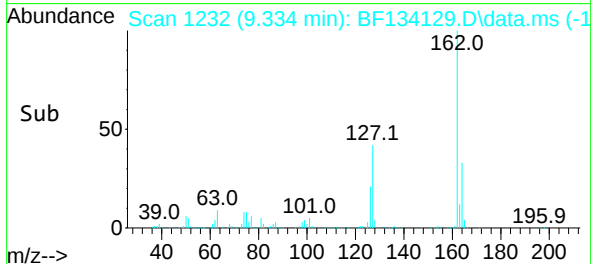
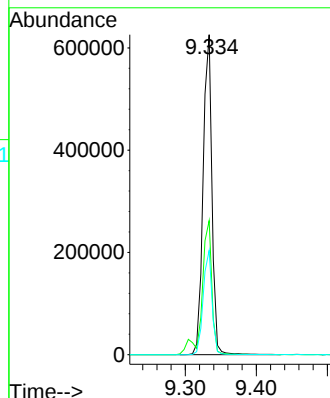
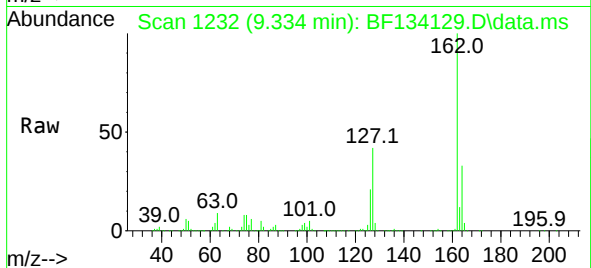
Tgt Ion:162 Resp: 544630
 Ion Ratio Lower Upper
 162 100
 127 41.9 32.9 49.3
 164 32.6 26.1 39.1

Manual Integrations

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Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#48

2-Nitroaniline

Concen: 44.112 ng

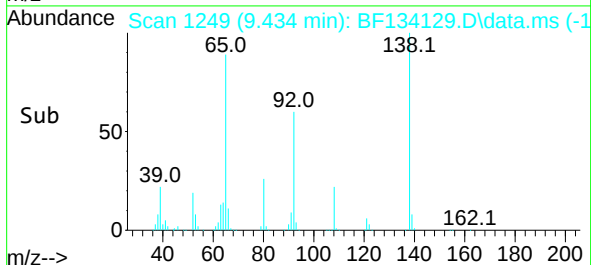
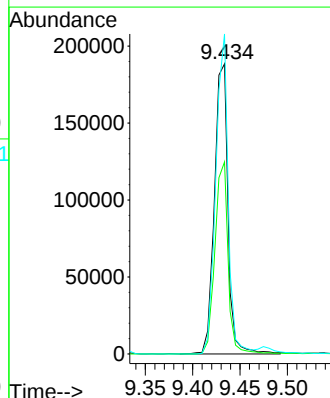
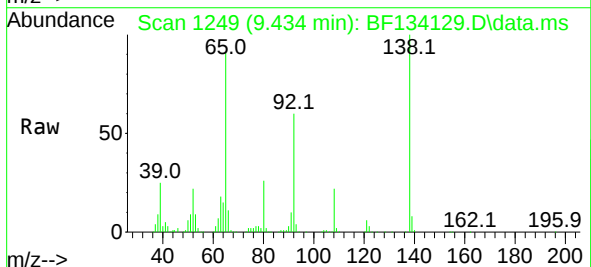
RT: 9.434 min Scan# 1249

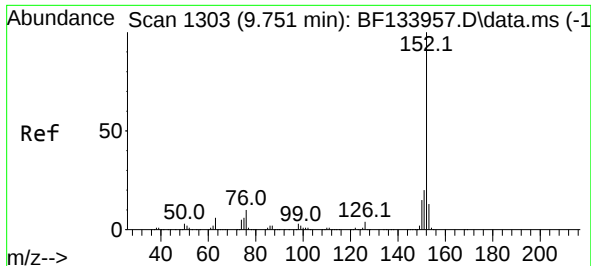
Delta R.T. -0.006 min

Lab File: BF134129.D

Acq: 07 Jul 2023 10:10

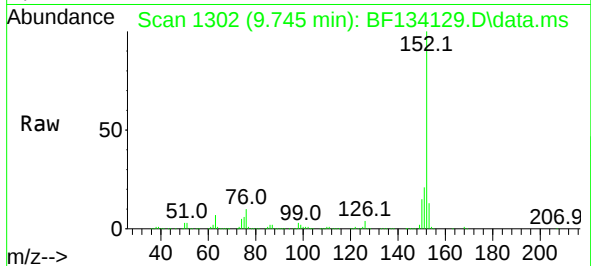
Tgt Ion: 65 Resp: 188281
 Ion Ratio Lower Upper
 65 100
 92 66.2 49.5 74.3
 138 110.3 78.0 117.0





#49
Acenaphthylene
Concen: 44.594 ng
RT: 9.745 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10

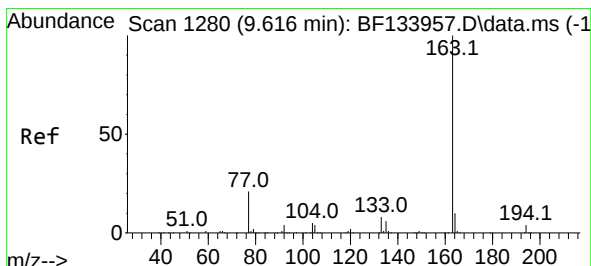
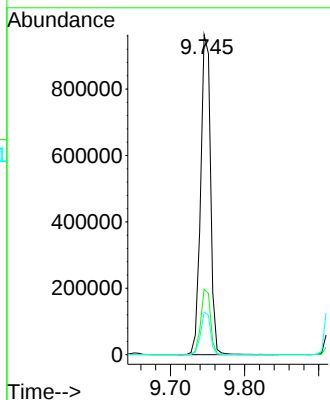
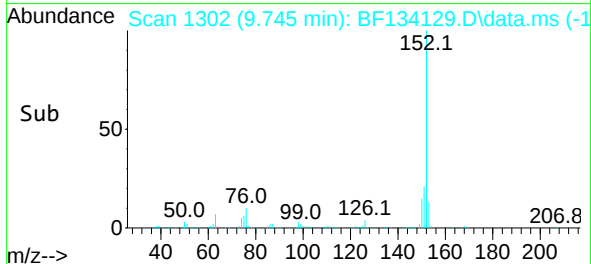
Instrument :
BNA_F
ClientSampleId :
TW-1MSD



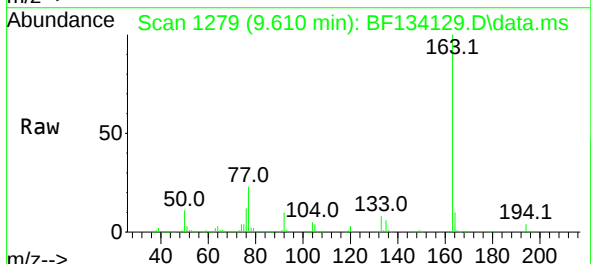
Tgt Ion:152 Resp: 89215
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2
153 13.4 10.8 16.2

Manual Integrations
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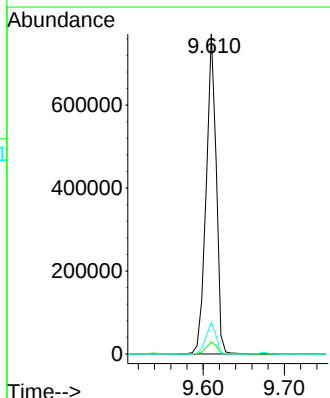
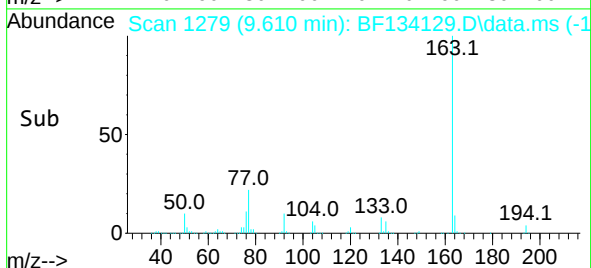
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

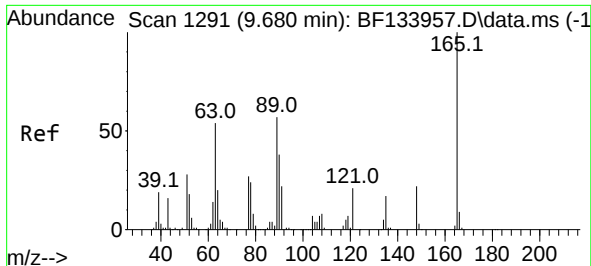


#50
Dimethylphthalate
Concen: 45.577 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10



Tgt Ion:163 Resp: 660175
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 9.9 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 47.216 ng

RT: 9.675 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF134129.D

Acq: 07 Jul 2023 10:10

Instrument :

BNA_F

ClientSampleId :

TW-1MSD

Tgt Ion:165 Resp: 14730

Ion Ratio Lower Upper

165 100

63 67.6 48.5 72.7

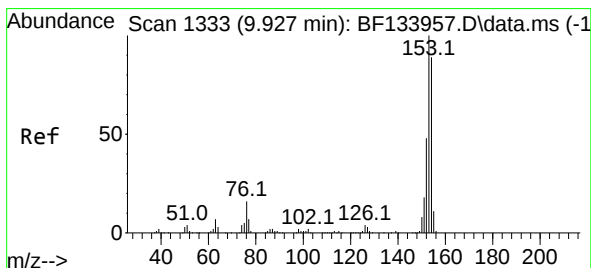
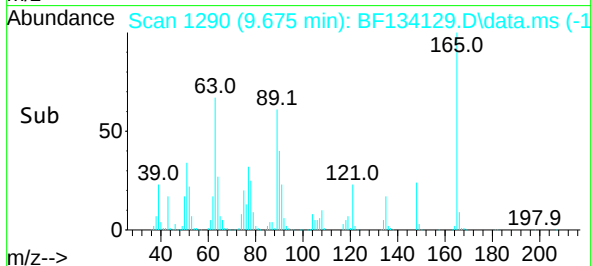
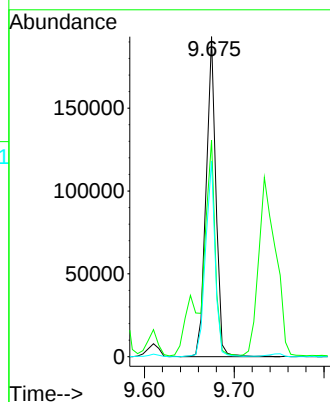
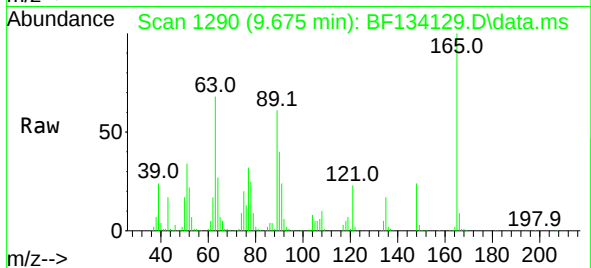
89 61.1 45.5 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#52

Acenaphthene

Concen: 45.724 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.006 min

Lab File: BF134129.D

Acq: 07 Jul 2023 10:10

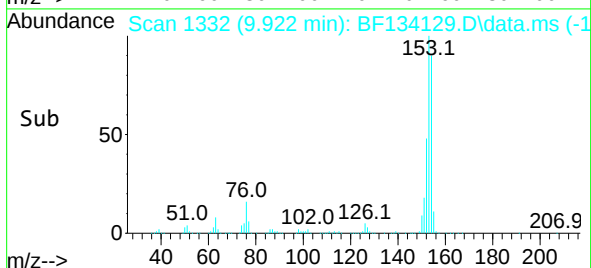
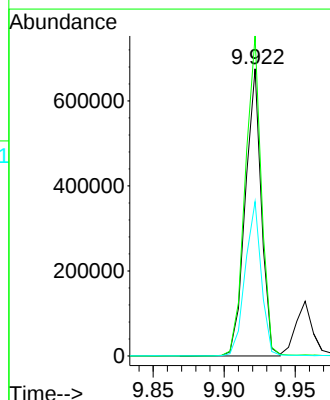
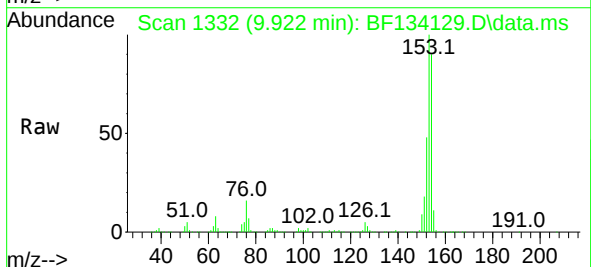
Tgt Ion:154 Resp: 530795

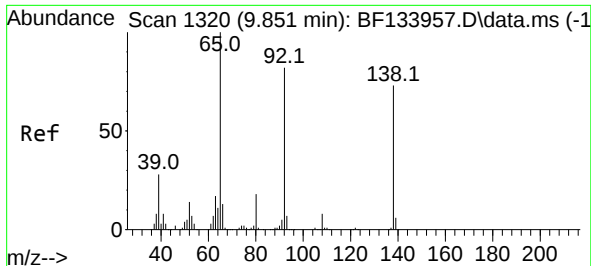
Ion Ratio Lower Upper

154 100

153 111.4 89.4 134.2

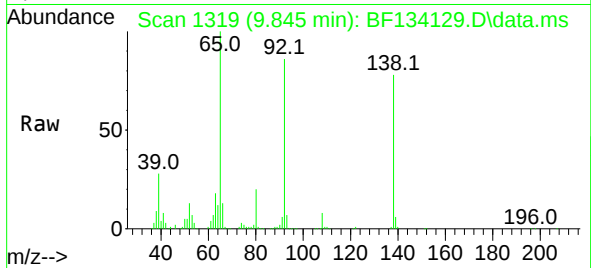
152 53.7 42.8 64.2





#53
3-Nitroaniline
Concen: 30.123 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10

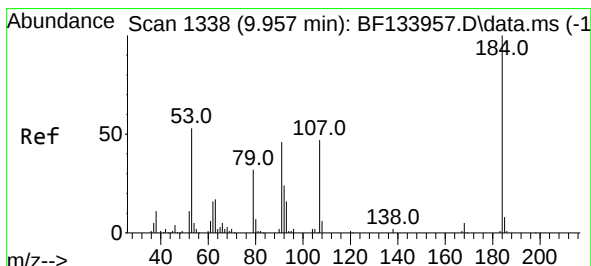
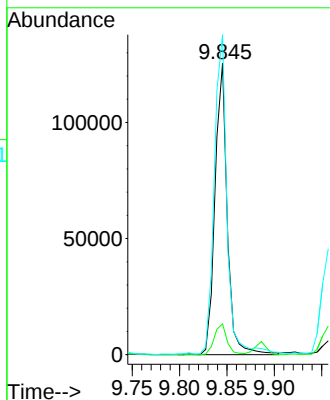
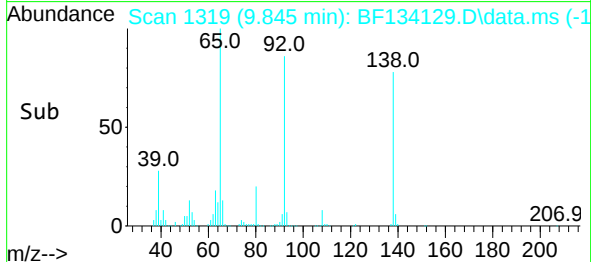
Instrument :
BNA_F
ClientSampleId :
TW-1MSD



Tgt Ion:138 Resp: 112744
Ion Ratio Lower Upper
138 100
108 10.6 8.4 12.6
92 109.9 90.1 135.1

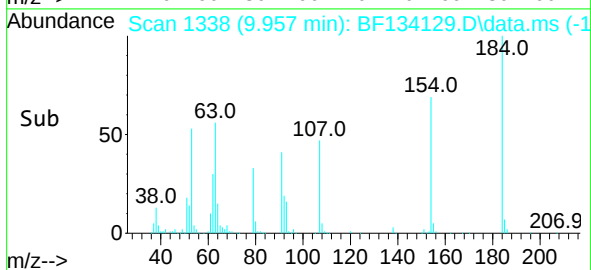
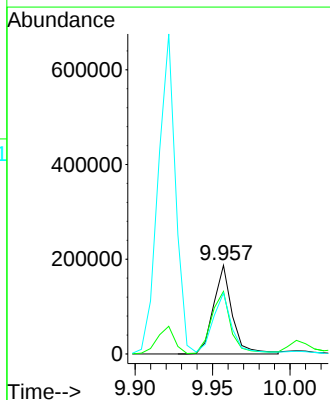
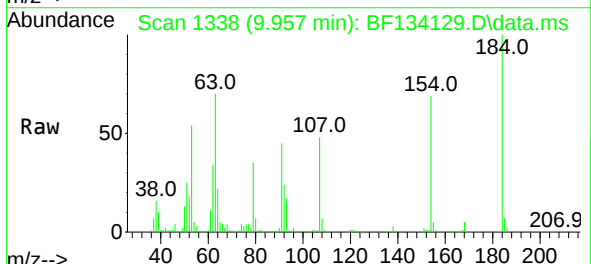
Manual Integrations
APPROVED

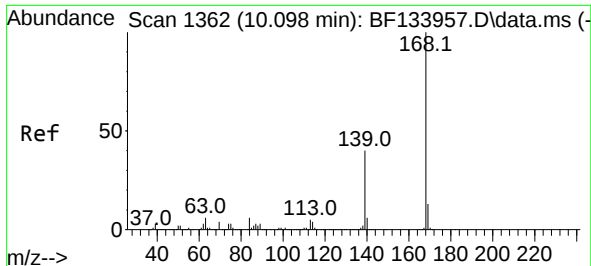
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#54
2,4-Dinitrophenol
Concen: 86.892 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10

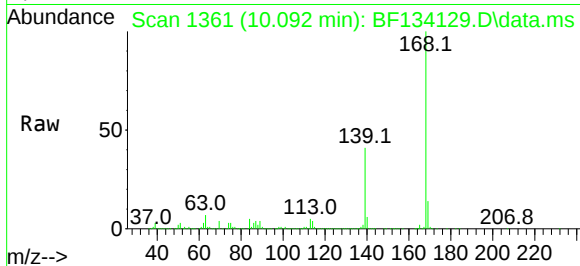
Tgt Ion:184 Resp: 157184
Ion Ratio Lower Upper
184 100
63 70.4 56.9 85.3
154 68.6 55.4 83.0





#55
Dibenzofuran
Concen: 44.436 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10

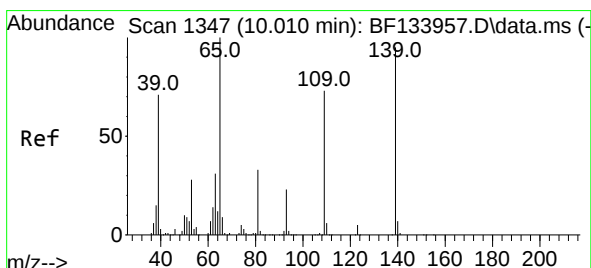
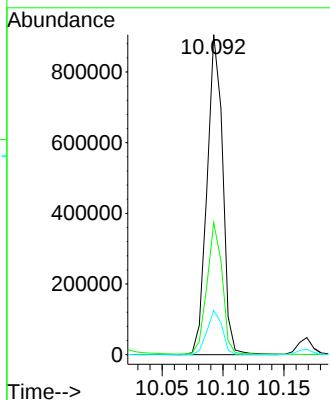
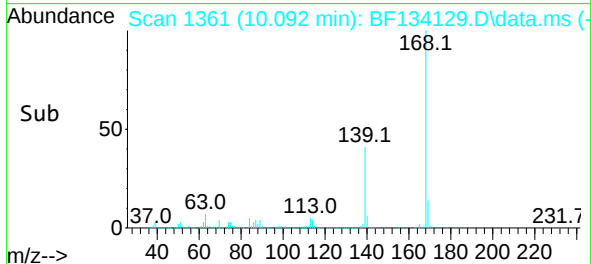
Instrument :
BNA_F
ClientSampleId :
TW-1MSD



Tgt Ion:168 Resp: 80618
Ion Ratio Lower Upper
168 100
139 41.2 32.0 48.0
169 13.8 10.6 16.0

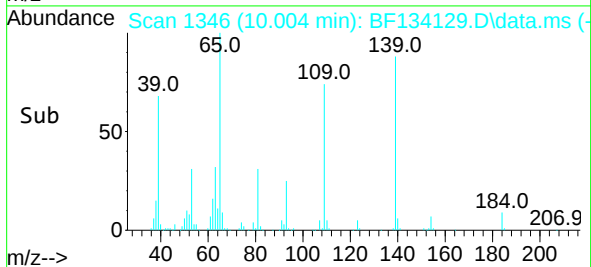
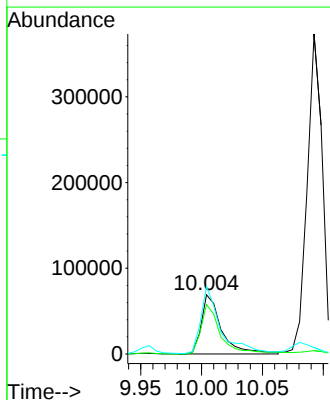
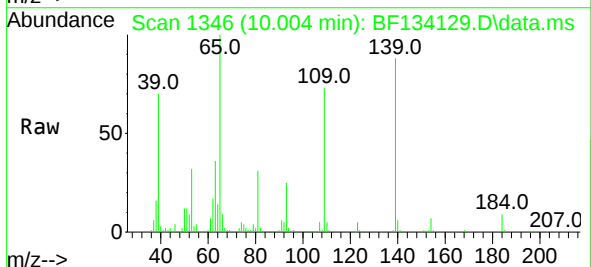
Manual Integrations
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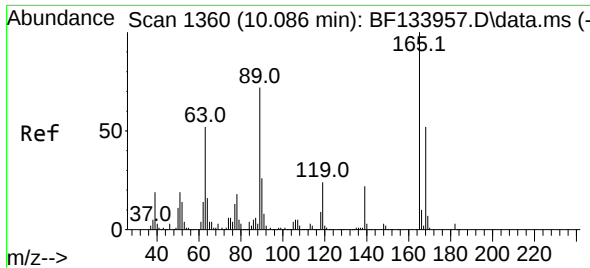
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#56
4-Nitrophenol
Concen: 30.463 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.012 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10

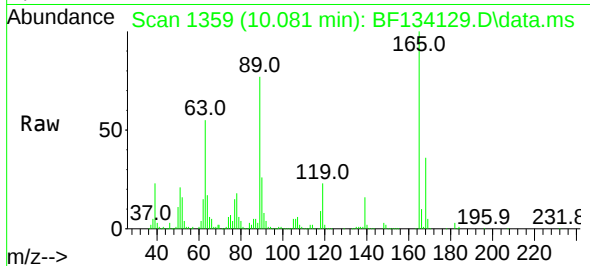
Tgt Ion:139 Resp: 79751
Ion Ratio Lower Upper
139 100
109 83.5 56.8 96.8
65 114.0 86.1 126.1





#57
2,4-Dinitrotoluene
Concen: 47.750 ng
RT: 10.081 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10

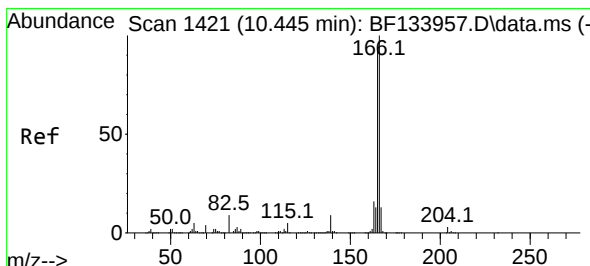
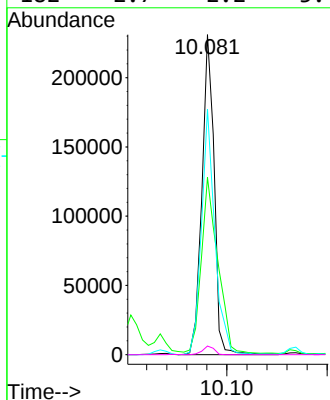
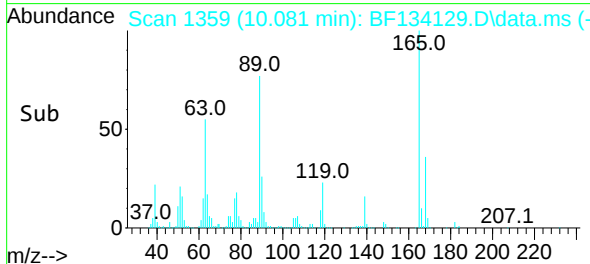
Instrument :
BNA_F
ClientSampleId :
TW-1MSD



Tgt Ion:165 Resp: 196734
Ion Ratio Lower Upper
165 100
63 55.4 42.2 63.2
89 76.8 57.4 86.2
182 2.7 2.2 3.4

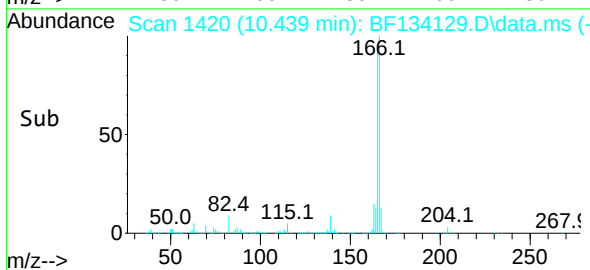
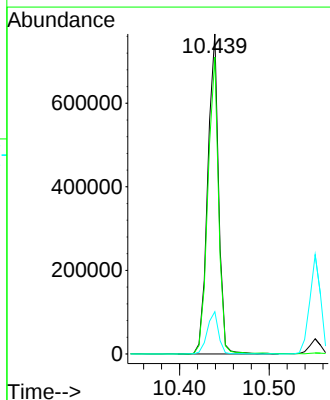
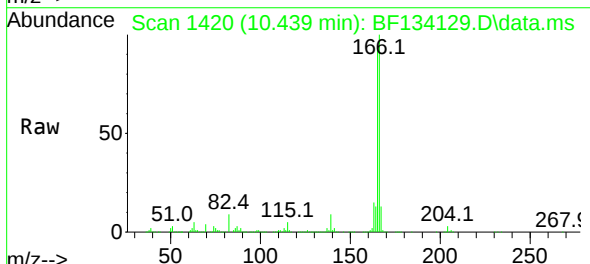
Manual Integrations
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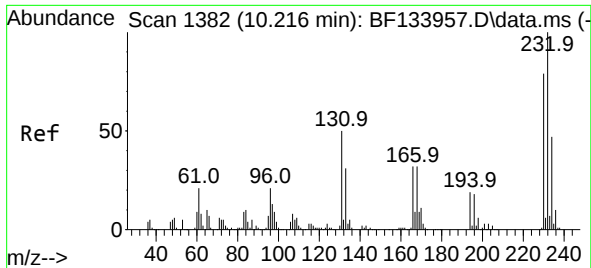
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#58
Fluorene
Concen: 45.575 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10

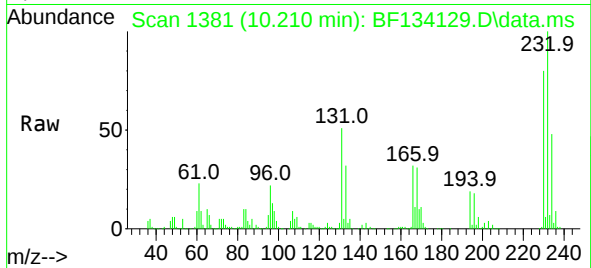
Tgt Ion:166 Resp: 643276
Ion Ratio Lower Upper
166 100
165 92.8 75.0 112.4
167 13.2 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.657 ng
RT: 10.210 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10

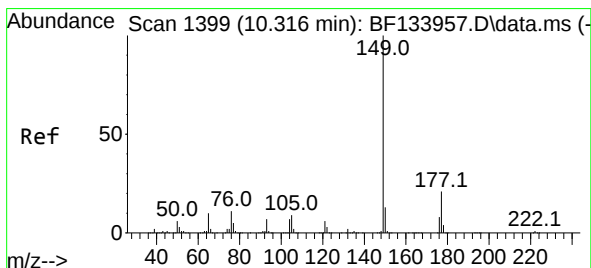
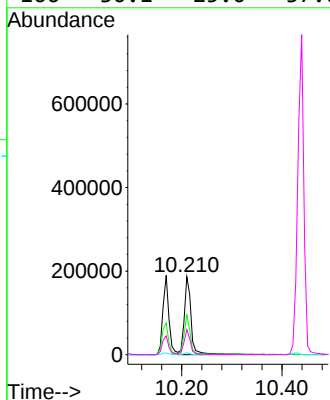
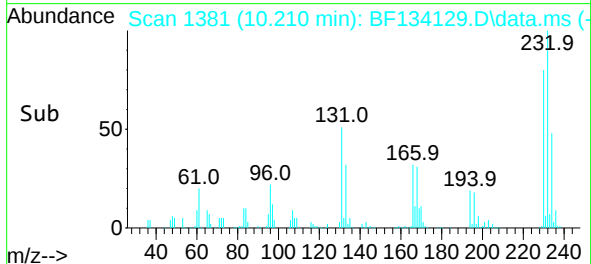
Instrument :
BNA_F
ClientSampleId :
TW-1MSD



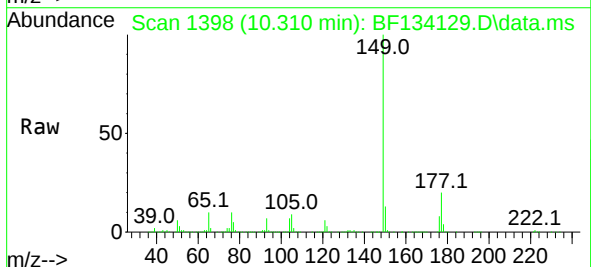
Tgt Ion:232 Resp: 174218
Ion Ratio Lower Upper
232 100
131 46.7 39.3 58.9
130 2.3 1.8 2.6
166 30.1 25.0 37.6

Manual Integrations
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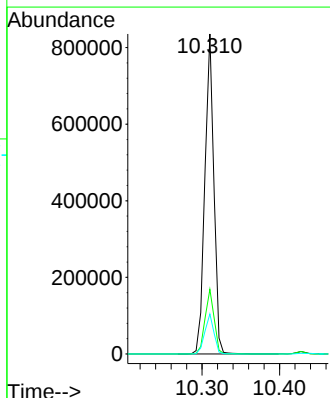
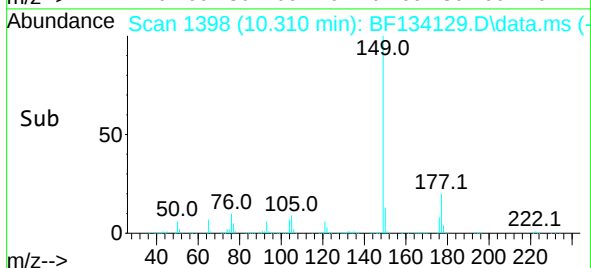
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

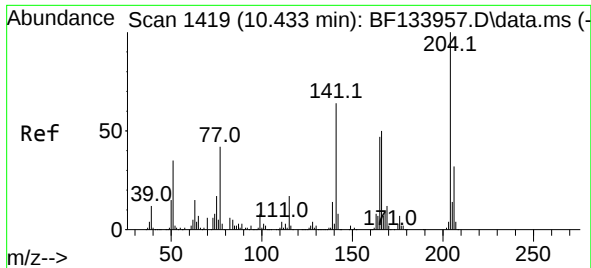


#60
Diethylphthalate
Concen: 44.641 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10



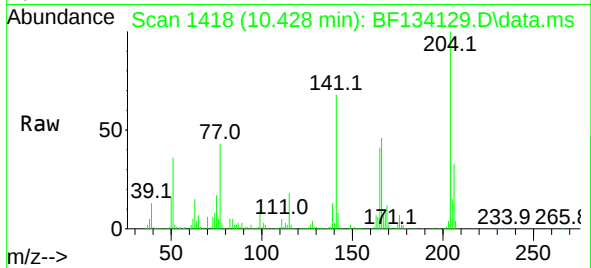
Tgt Ion:149 Resp: 673681
Ion Ratio Lower Upper
149 100
177 20.2 17.0 25.6
150 12.5 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 44.123 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10

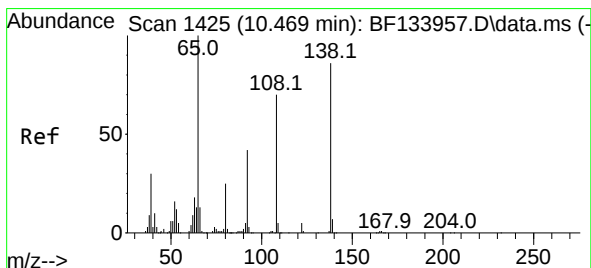
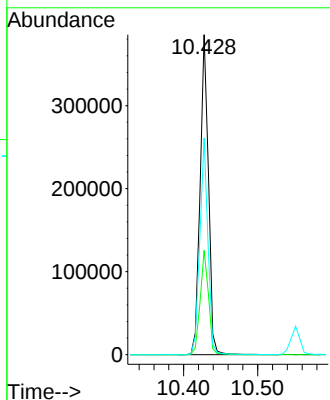
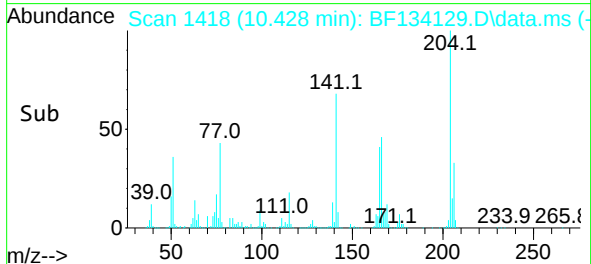
Instrument :
BNA_F
ClientSampleId :
TW-1MSD



Tgt Ion:204 Resp: 300130
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.6
141 67.8 51.5 77.3

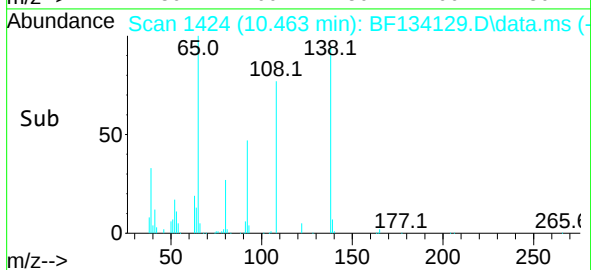
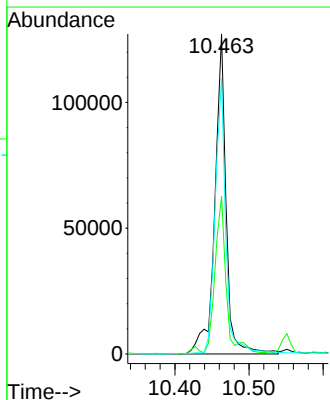
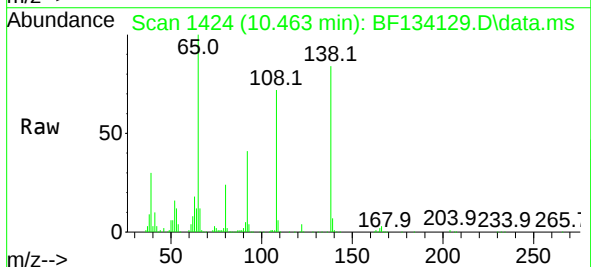
Manual Integrations
APPROVED

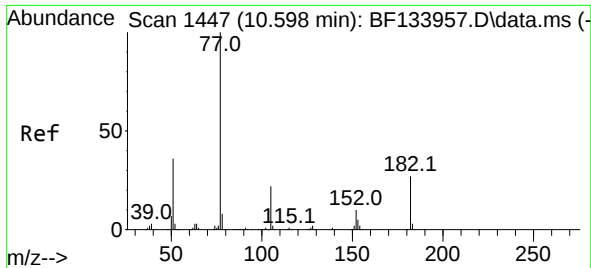
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#62
4-Nitroaniline
Concen: 35.665 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10

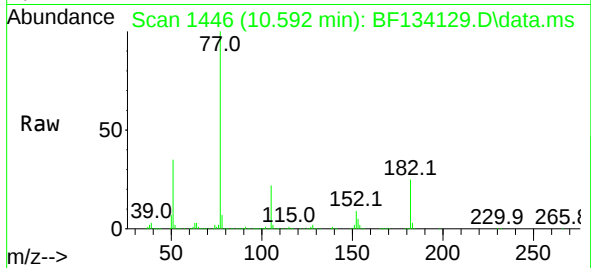
Tgt Ion:138 Resp: 134525
Ion Ratio Lower Upper
138 100
92 49.2 29.7 69.7
108 86.0 62.1 102.1





#63
Azobenzene
Concen: 45.282 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10

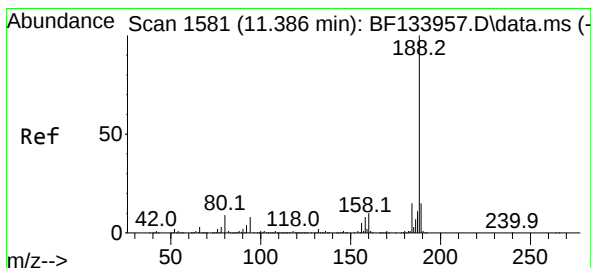
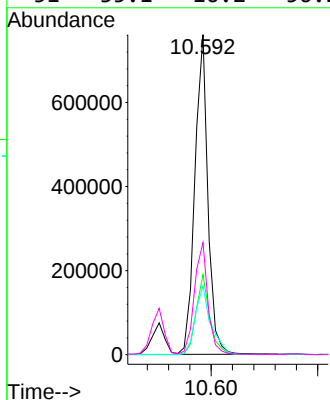
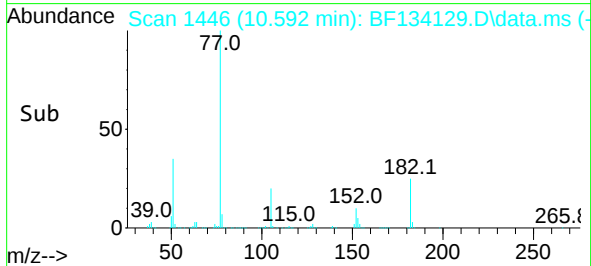
Instrument :
BNA_F
ClientSampleId :
TW-1MSD



Tgt Ion: 77 Resp: 646398
Ion Ratio Lower Upper
77 100
182 25.1 6.8 46.8
105 21.6 2.3 42.3
51 35.1 16.2 56.2

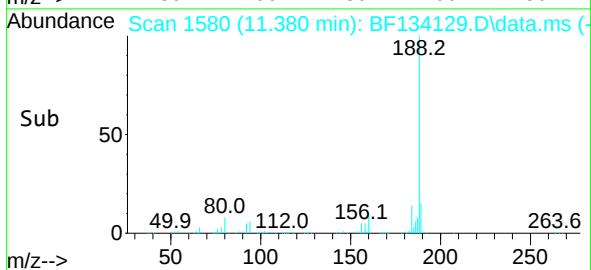
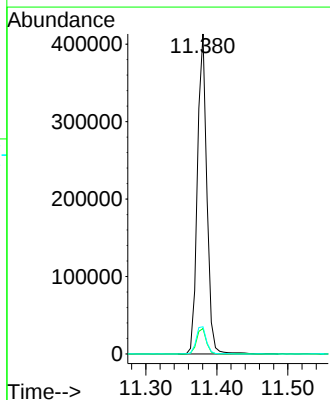
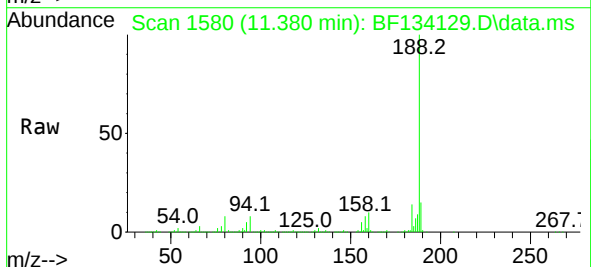
Manual Integrations
APPROVED

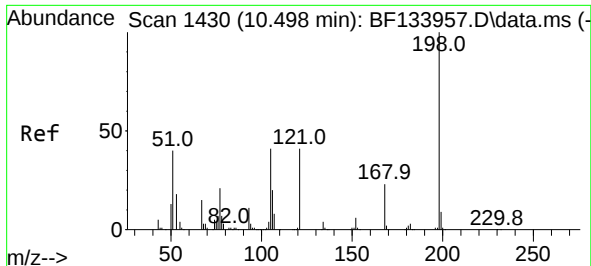
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10

Tgt Ion:188 Resp: 381996
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 8.5 7.3 10.9





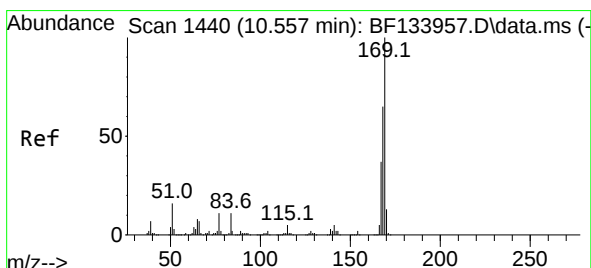
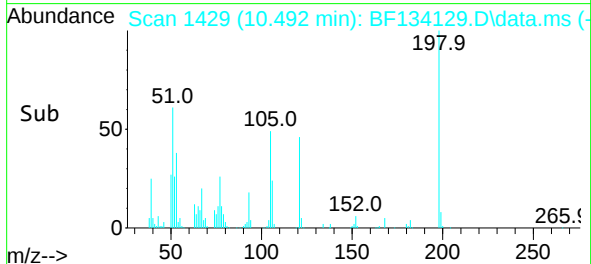
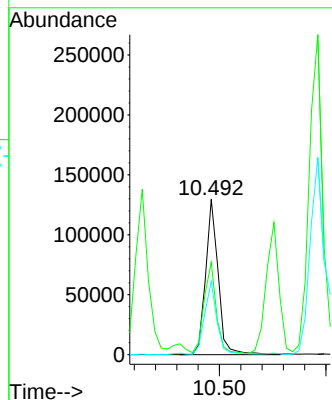
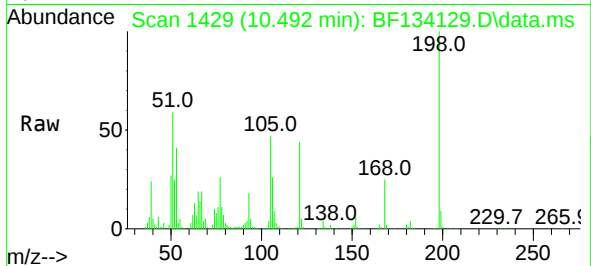
#65
4,6-Dinitro-2-methylphenol
Concen: 51.289 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.012 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10

Instrument :
BNA_F
ClientSampleId :
TW-1MSD

Tgt Ion:198 Resp: 106815
Ion Ratio Lower Upper
198 100
51 59.5 29.3 69.3
105 47.3 22.4 62.4

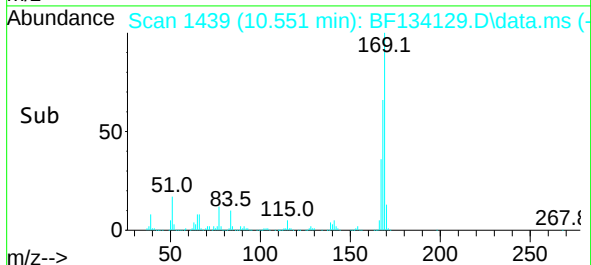
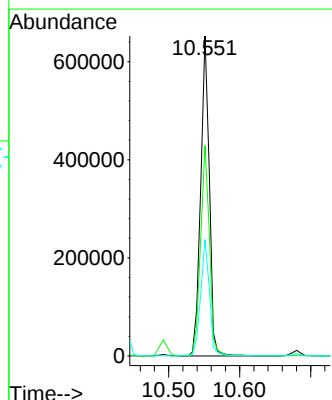
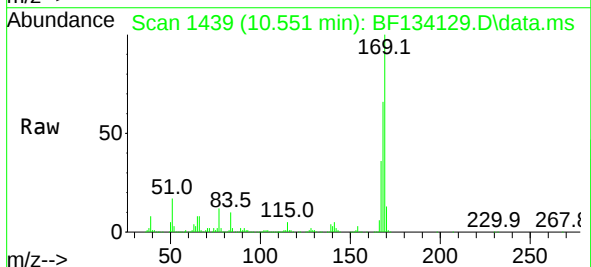
Manual Integrations
APPROVED

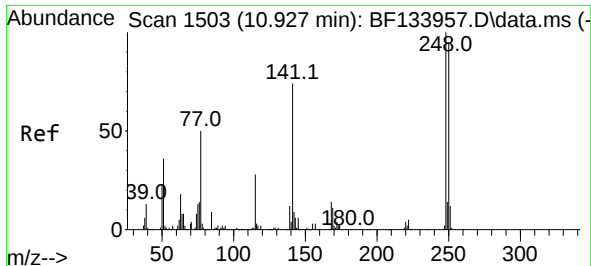
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#66
n-Nitrosodiphenylamine
Concen: 45.530 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10

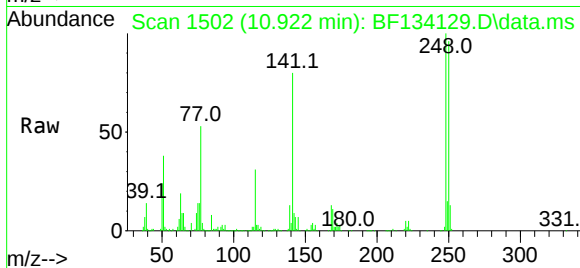
Tgt Ion:169 Resp: 555685
Ion Ratio Lower Upper
169 100
168 65.7 52.3 78.5
167 36.4 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 46.296 ng
RT: 10.922 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10

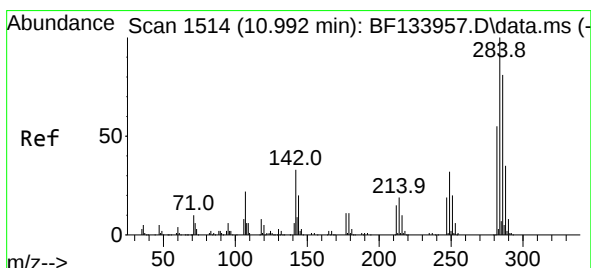
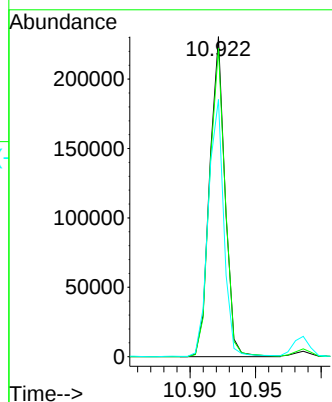
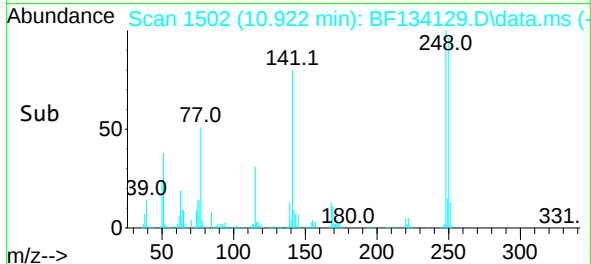
Instrument :
BNA_F
ClientSampleId :
TW-1MSD



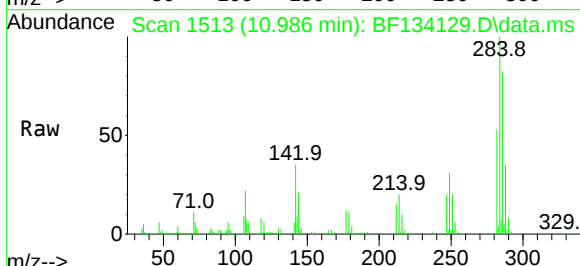
Tgt Ion:248 Resp: 187968
Ion Ratio Lower Upper
248 100
250 96.4 76.2 114.4
141 80.3 59.0 88.4

Manual Integrations
APPROVED

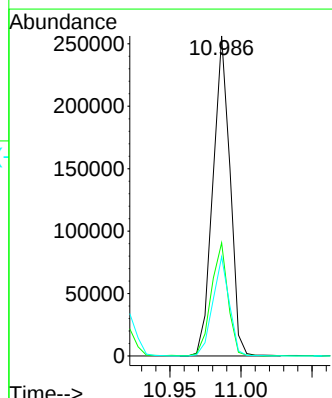
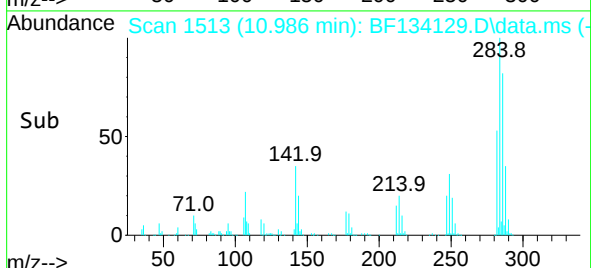
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

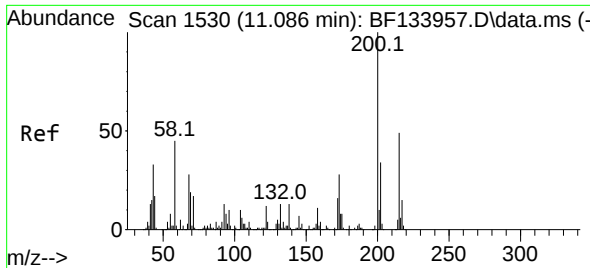


#68
Hexachlorobenzene
Concen: 49.744 ng
RT: 10.986 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10



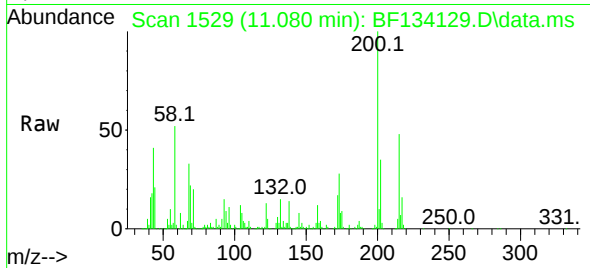
Tgt Ion:284 Resp: 214445
Ion Ratio Lower Upper
284 100
142 35.4 26.6 40.0
249 31.0 25.5 38.3





#69
 Atrazine
 Concen: 52.924 ng
 RT: 11.080 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF134129.D
 Acq: 07 Jul 2023 10:10

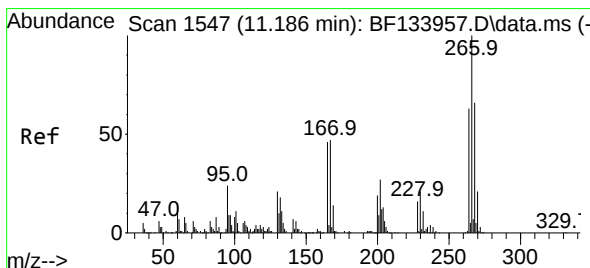
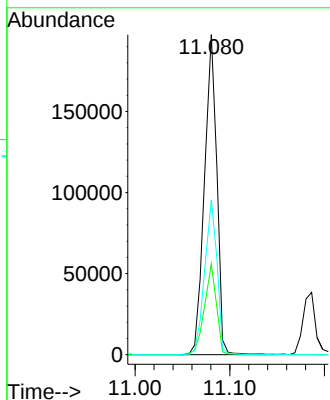
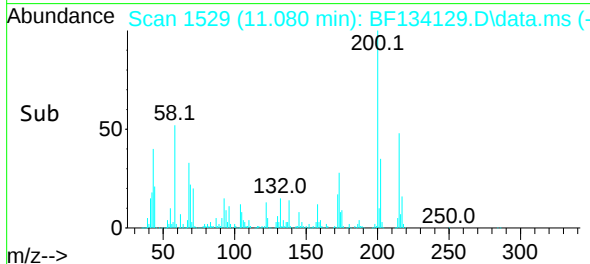
Instrument :
 BNA_F
 ClientSampleId :
 TW-1MSD



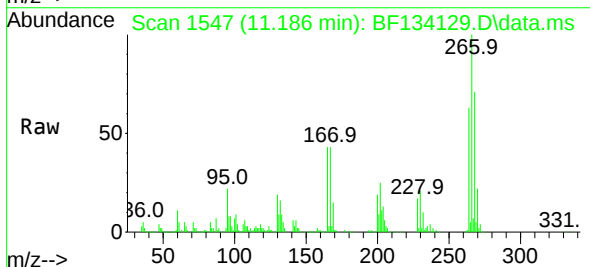
Tgt Ion:200 Resp: 178670
 Ion Ratio Lower Upper
 200 100
 173 28.4 8.0 48.0
 215 48.3 29.3 69.3

Manual Integrations
 APPROVED

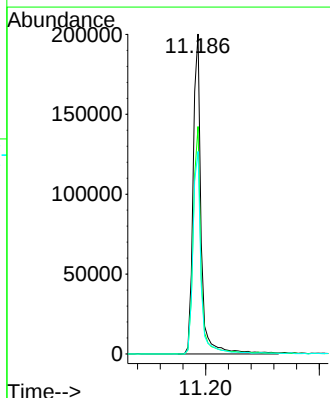
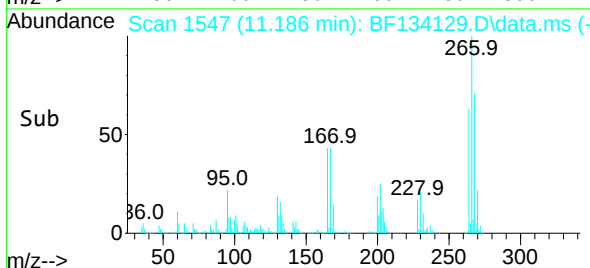
Reviewed By :Yogesh Patel 07/07/2023
 Supervised By :mohammad ahmed 07/09/2023

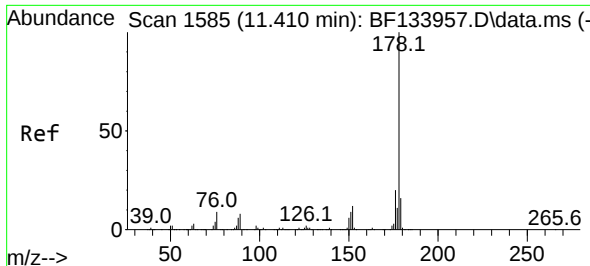


#70
 Pentachlorophenol
 Concen: 76.572 ng
 RT: 11.186 min Scan# 1547
 Delta R.T. -0.006 min
 Lab File: BF134129.D
 Acq: 07 Jul 2023 10:10



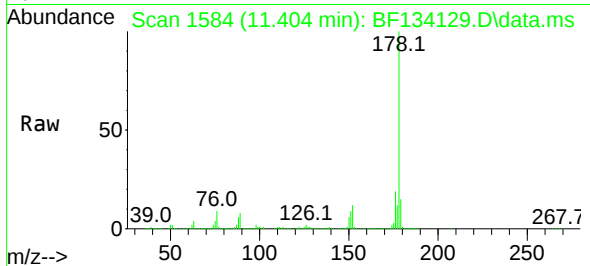
Tgt Ion:266 Resp: 197370
 Ion Ratio Lower Upper
 266 100
 268 71.1 52.6 79.0
 264 63.3 50.6 76.0





#71
Phenanthrene
Concen: 46.373 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10

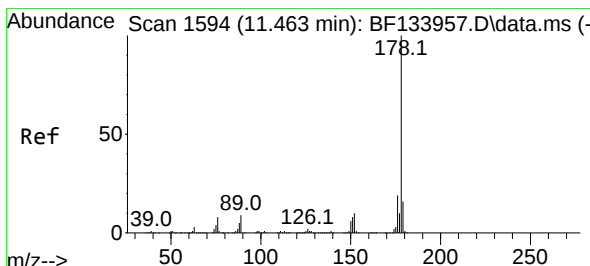
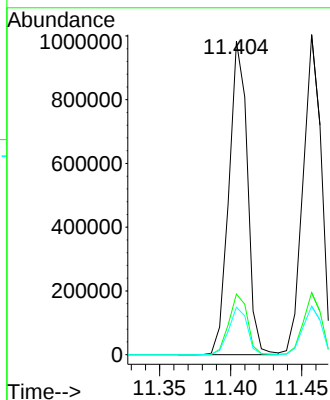
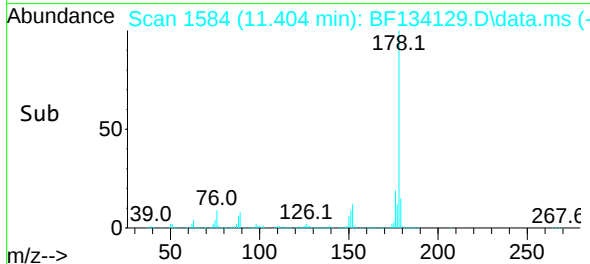
Instrument :
BNA_F
ClientSampleId :
TW-1MSD



Tgt Ion:178 Resp: 891770
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 15.2 12.4 18.6

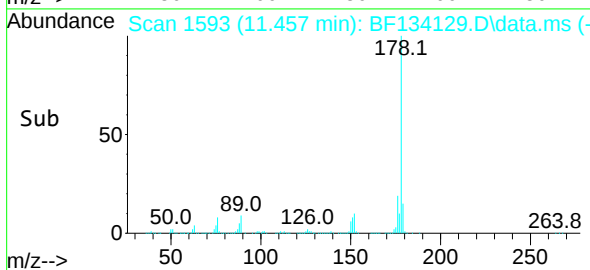
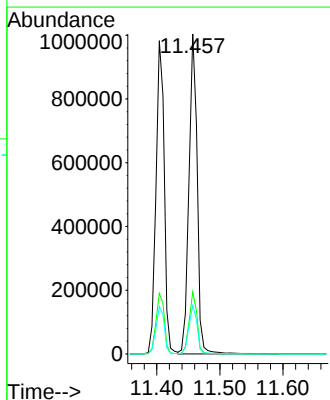
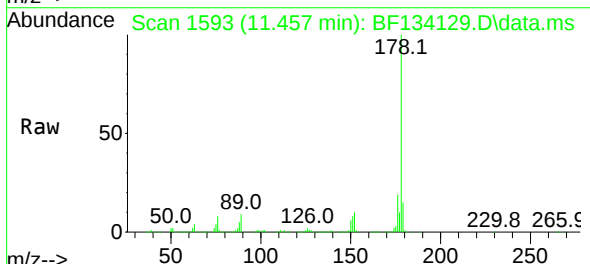
Manual Integrations
APPROVED

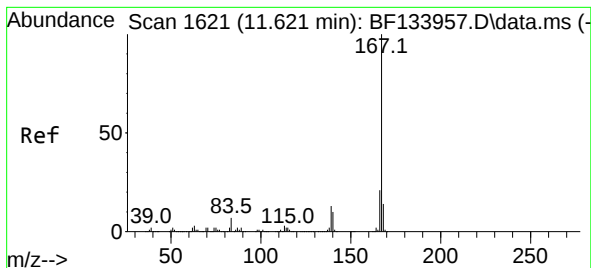
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#72
Anthracene
Concen: 45.732 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10

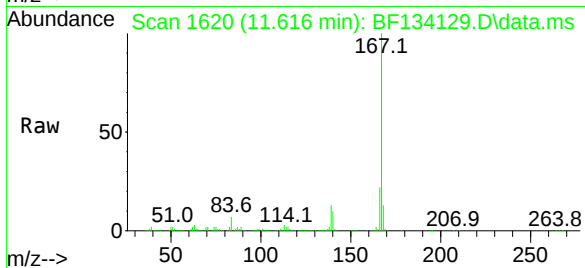
Tgt Ion:178 Resp: 914718
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.1 12.4 18.6





#73
 Carbazole
 Concen: 47.095 ng
 RT: 11.616 min Scan# 1620
 Delta R.T. -0.006 min
 Lab File: BF134129.D
 Acq: 07 Jul 2023 10:10

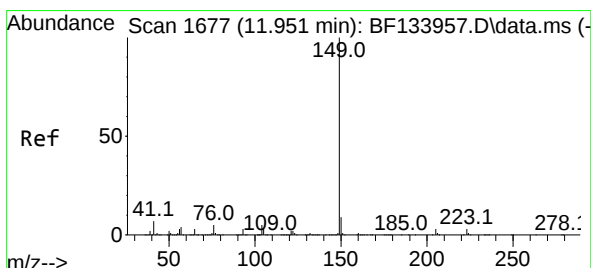
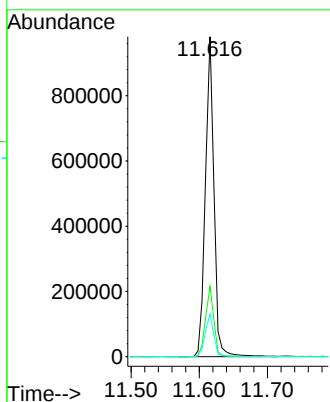
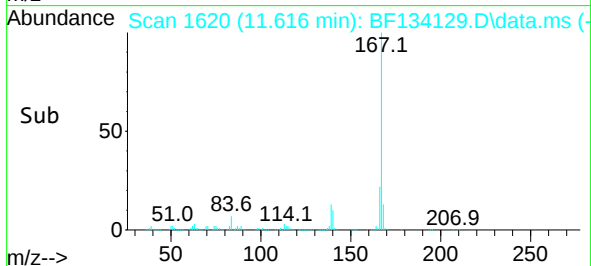
Instrument :
 BNA_F
 ClientSampleId :
 TW-1MSD



Tgt Ion:167 Resp: 862197
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.0 25.6
 139 13.3 10.4 15.6

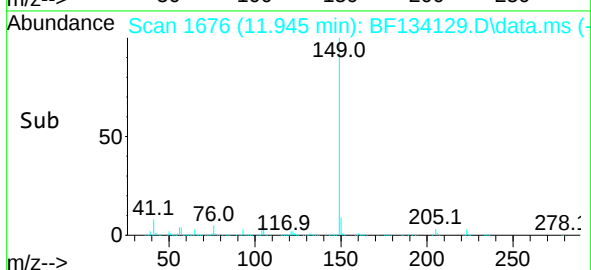
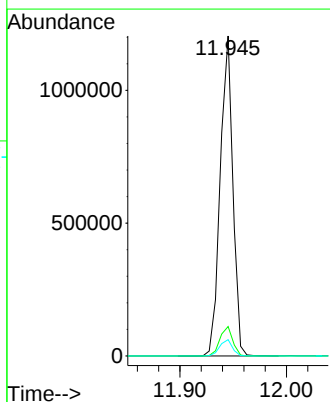
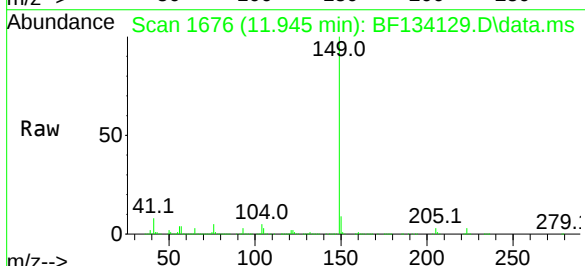
Manual Integrations
 APPROVED

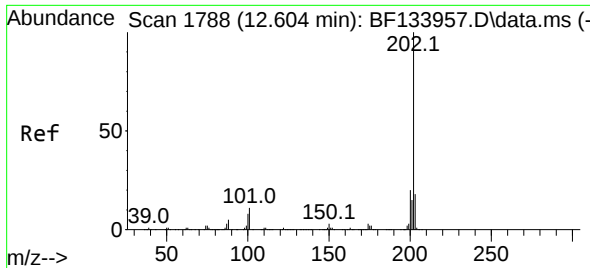
Reviewed By :Yogesh Patel 07/07/2023
 Supervised By :mohammad ahmed 07/09/2023



#74
 Di-n-butylphthalate
 Concen: 45.393 ng
 RT: 11.945 min Scan# 1676
 Delta R.T. -0.006 min
 Lab File: BF134129.D
 Acq: 07 Jul 2023 10:10

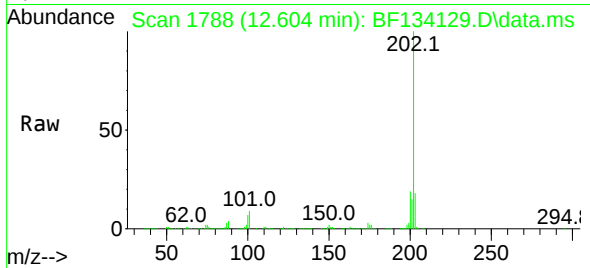
Tgt Ion:149 Resp: 988272
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.1 10.7
 104 5.1 4.0 6.0





#75
Fluoranthene
Concen: 44.419 ng
RT: 12.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10

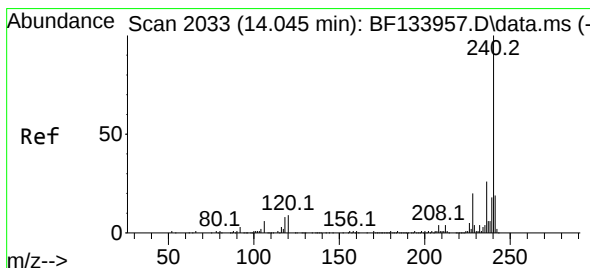
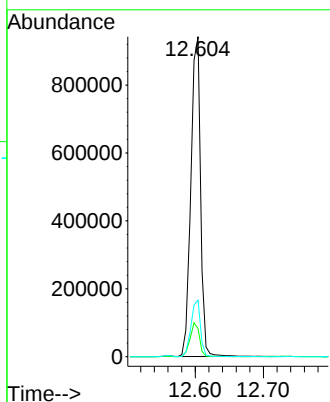
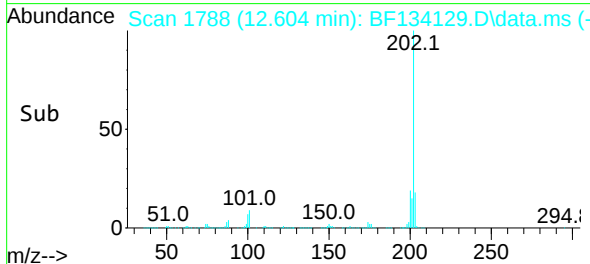
Instrument :
BNA_F
ClientSampleId :
TW-1MSD



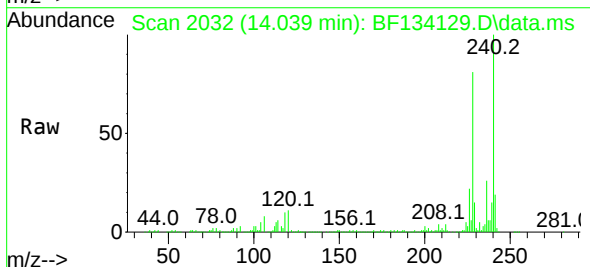
Tgt Ion:202 Resp: 923464
Ion Ratio Lower Upper
202 100
101 8.8 0.0 31.0
203 17.6 0.0 37.6

Manual Integrations
APPROVED

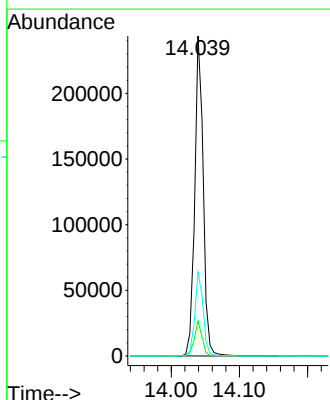
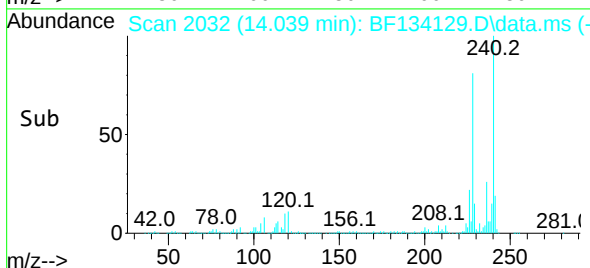
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

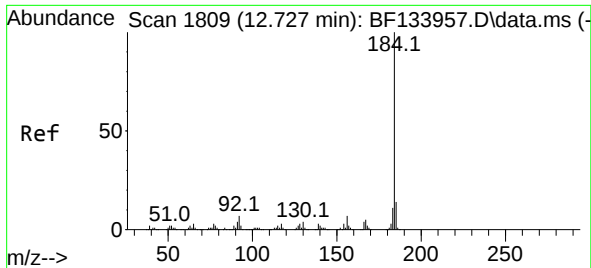


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10



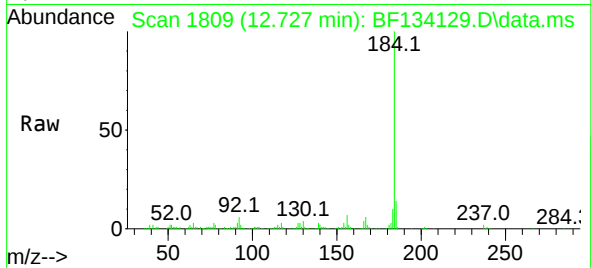
Tgt Ion:240 Resp: 210518
Ion Ratio Lower Upper
240 100
120 10.9 7.4 11.0
236 26.2 21.0 31.6





#77
Benzidine
Concen: 29.456 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10

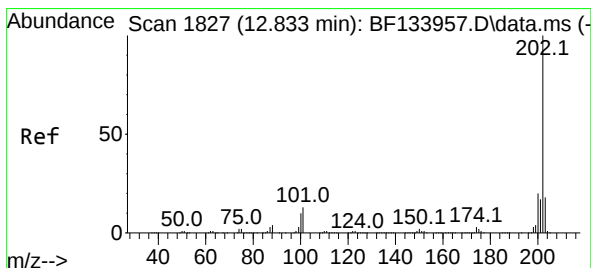
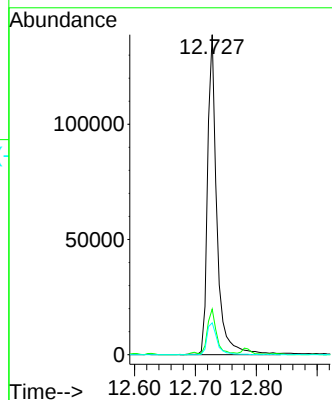
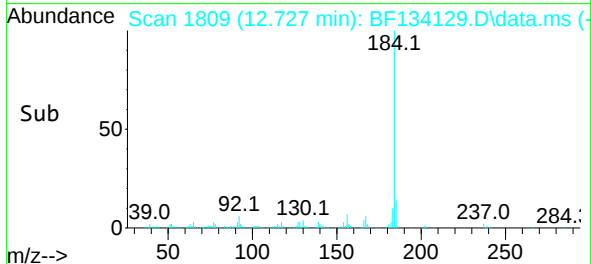
Instrument :
BNA_F
ClientSampleId :
TW-1MSD



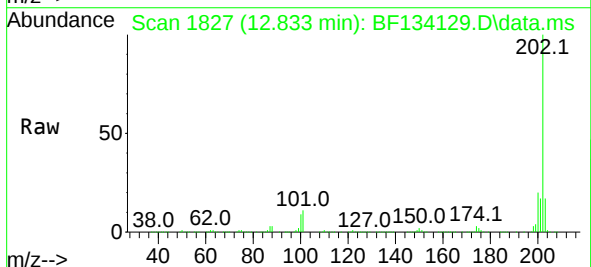
Tgt Ion:184 Resp: 14754
Ion Ratio Lower Upper
184 100
185 14.2 11.6 17.4
183 10.0 8.8 13.2

Manual Integrations
APPROVED

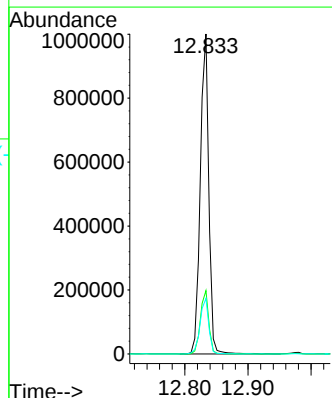
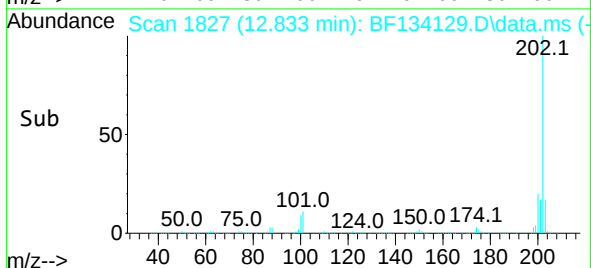
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

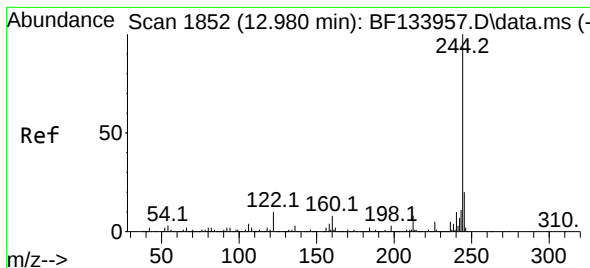


#78
Pyrene
Concen: 47.200 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10



Tgt Ion:202 Resp: 924727
Ion Ratio Lower Upper
202 100
200 19.8 16.1 24.1
203 17.4 14.3 21.5





#79

Terphenyl-d14

Concen: 95.139 ng

RT: 12.974 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF134129.D

Acq: 07 Jul 2023 10:10

Instrument :

BNA_F

ClientSampleId :

TW-1MSD

Tgt Ion:244 Resp: 124445

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

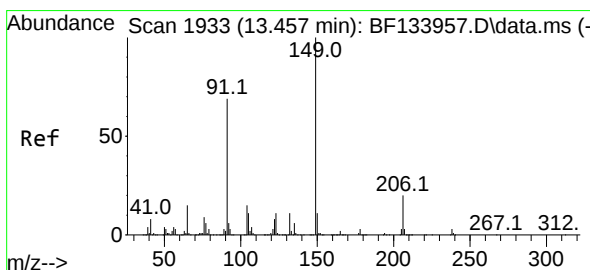
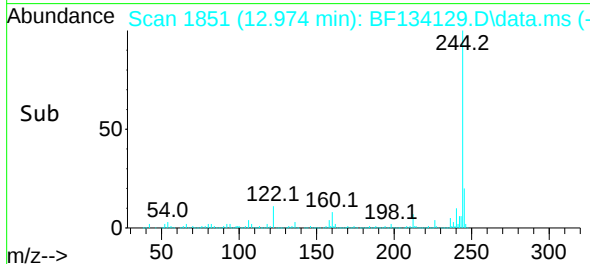
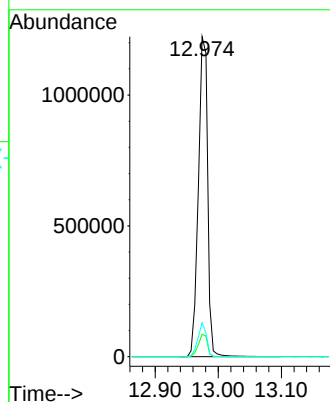
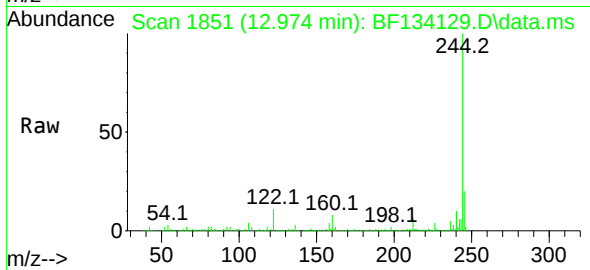
122 10.6 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#80

Butylbenzylphthalate

Concen: 47.264 ng

RT: 13.457 min Scan# 1933

Delta R.T. 0.000 min

Lab File: BF134129.D

Acq: 07 Jul 2023 10:10

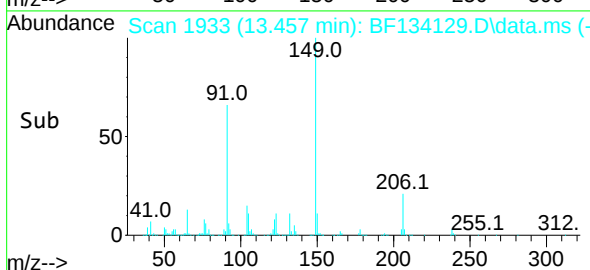
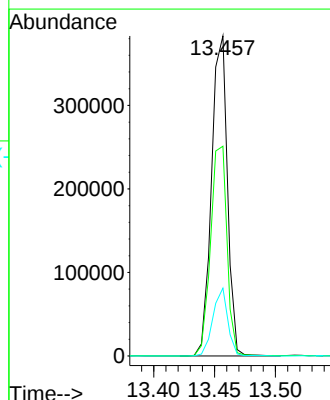
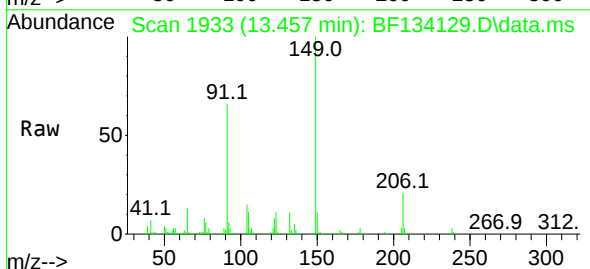
Tgt Ion:149 Resp: 347286

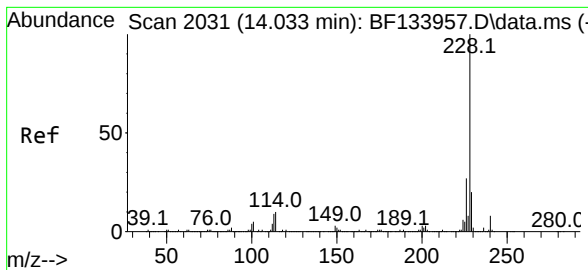
Ion Ratio Lower Upper

149 100

91 65.6 55.1 82.7

206 21.2 15.7 23.5





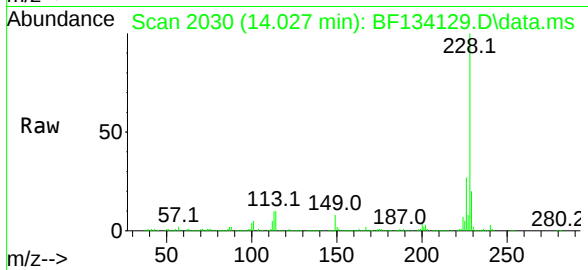
#81
Benzo(a)anthracene
Concen: 47.076 ng
RT: 14.027 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10

Instrument :

BNA_F

ClientSampleId :

TW-1MSD



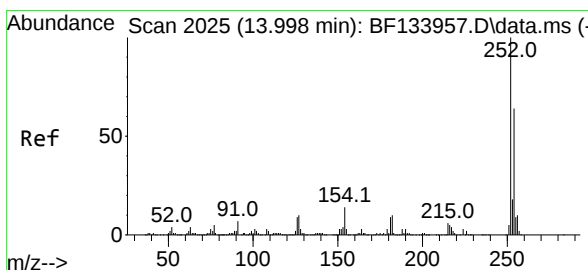
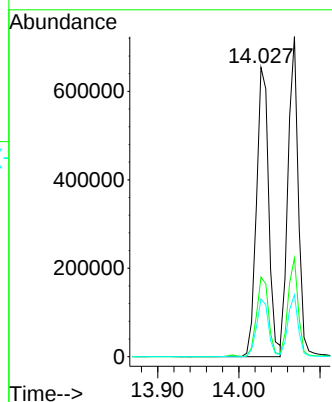
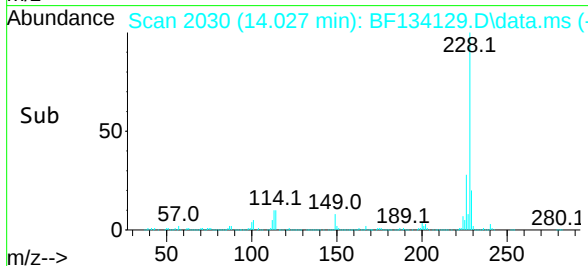
Tgt Ion:228 Resp: 687302
Ion Ratio Lower Upper
228 100
226 27.5 22.0 33.0
229 20.0 16.3 24.5

Manual Integrations

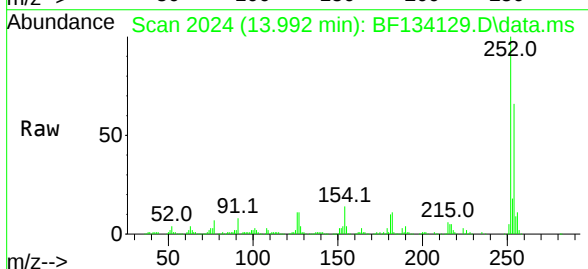
APPROVED

Reviewed By :Yogesh Patel 07/07/2023

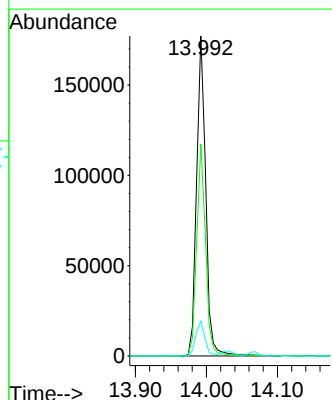
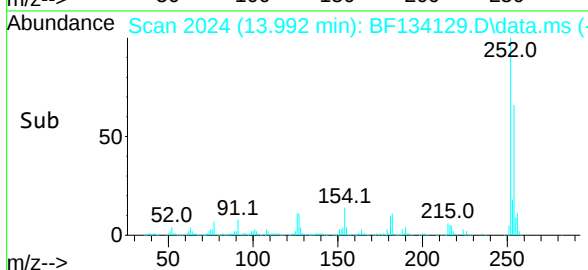
Supervised By :mohammad ahmed 07/09/2023

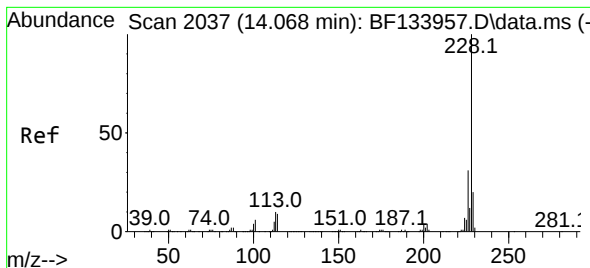


#82
3,3'-Dichlorobenzidine
Concen: 34.453 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10



Tgt Ion:252 Resp: 159361
Ion Ratio Lower Upper
252 100
254 66.2 51.4 77.0
126 10.9 7.4 11.2





#83

Chrysene

Concen: 45.492 ng

RT: 14.069 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF134129.D

Acq: 07 Jul 2023 10:10

Instrument :

BNA_F

ClientSampleId :

TW-1MSD

Tgt Ion:228 Resp: 64329

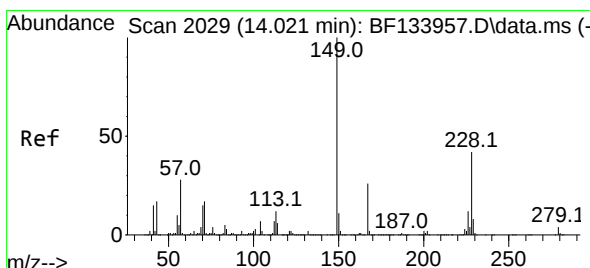
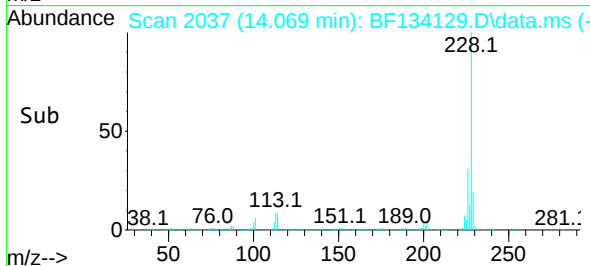
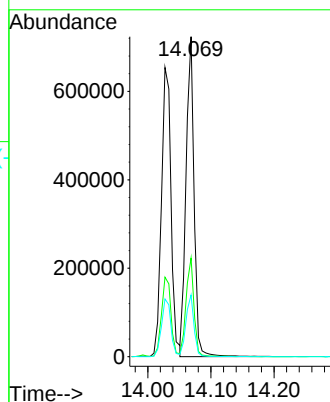
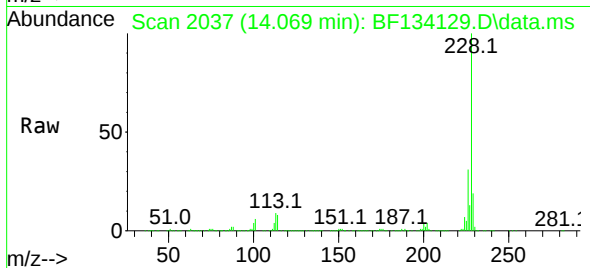
Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.4	36.6
229	19.3	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.044 ng

RT: 14.016 min Scan# 2028

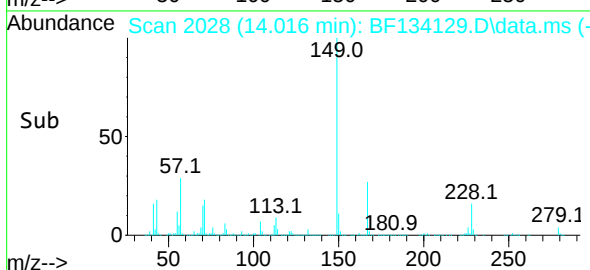
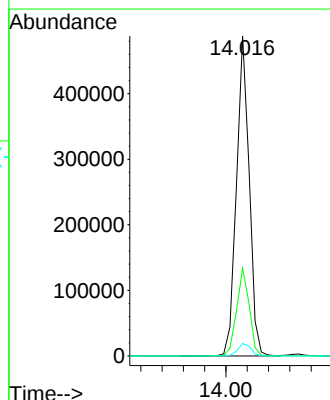
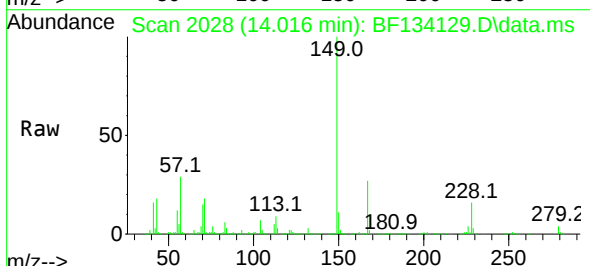
Delta R.T. -0.006 min

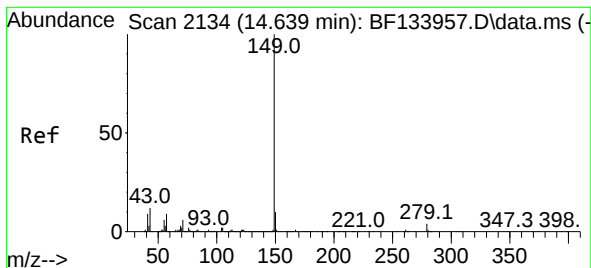
Lab File: BF134129.D

Acq: 07 Jul 2023 10:10

Tgt Ion:149 Resp: 405633

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.0	31.4
279	3.9	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 49.198 ng

RT: 14.633 min Scan# 2134

Delta R.T. -0.006 min

Lab File: BF134129.D

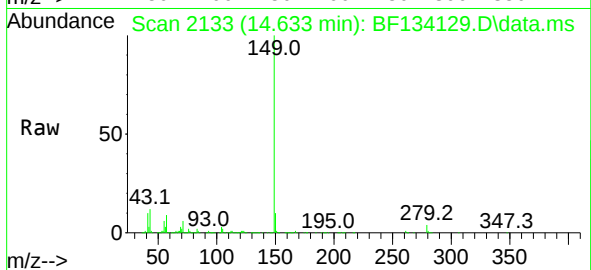
Acq: 07 Jul 2023 10:10

Instrument :

BNA_F

ClientSampleId :

TW-1MSD



Tgt Ion:149 Resp: 610338

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

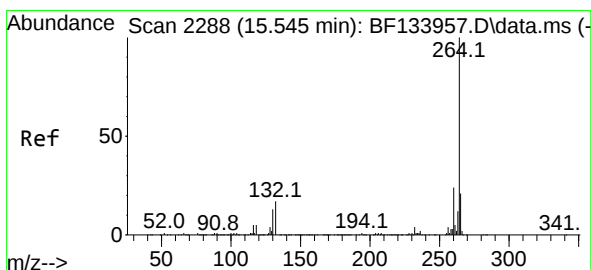
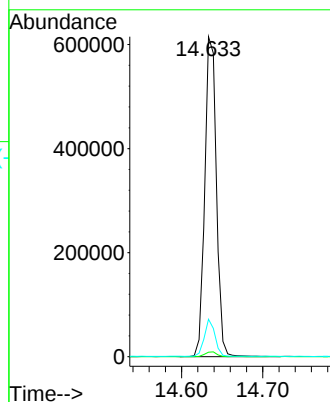
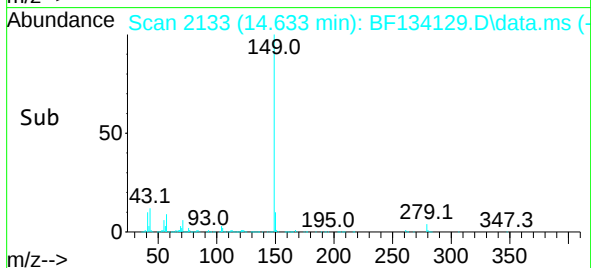
43 10.6 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2287

Delta R.T. -0.012 min

Lab File: BF134129.D

Acq: 07 Jul 2023 10:10

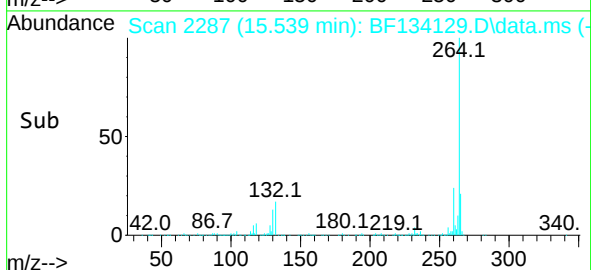
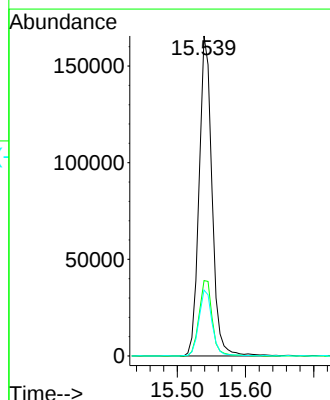
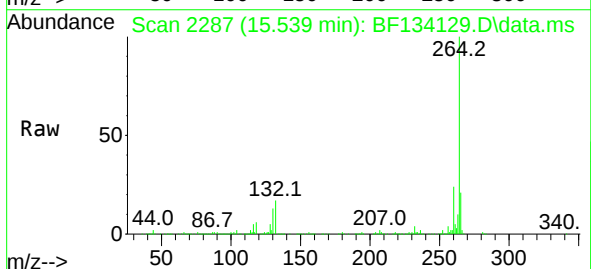
Tgt Ion:264 Resp: 217545

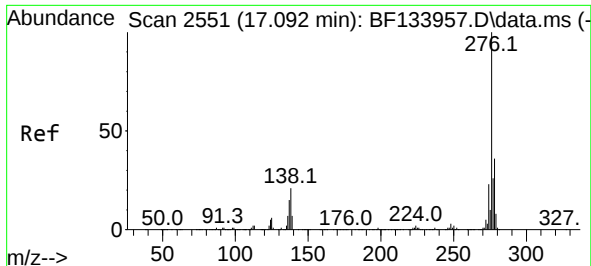
Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 20.6 16.6 25.0





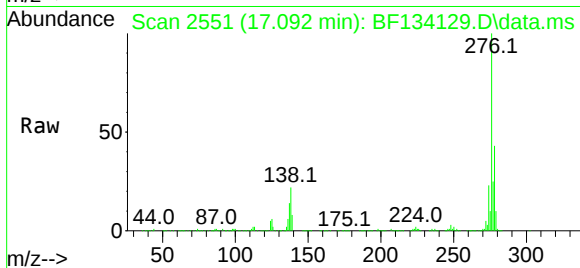
#87
Indeno(1,2,3-cd)pyrene
Concen: 52.068 ng
RT: 17.092 min Scan# 211
Delta R.T. -0.018 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10

Instrument :

BNA_F

ClientSampleId :

TW-1MSD



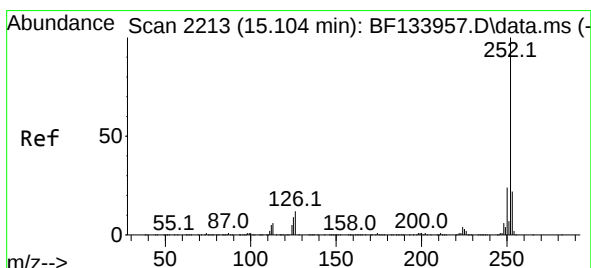
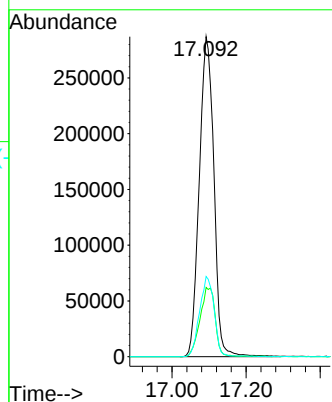
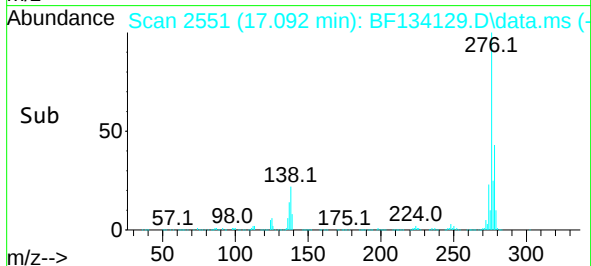
Tgt Ion:276 Resp: 785989
Ion Ratio Lower Upper
276 100
138 22.5 18.7 28.1
277 25.0 19.9 29.9

Manual Integrations

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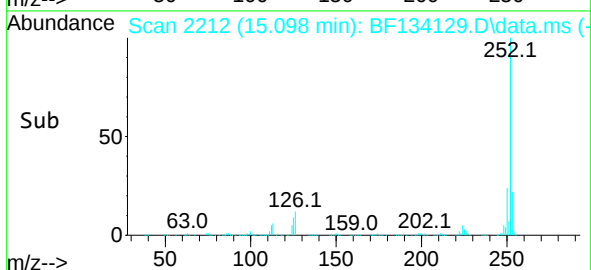
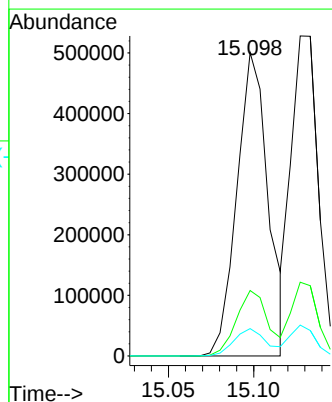
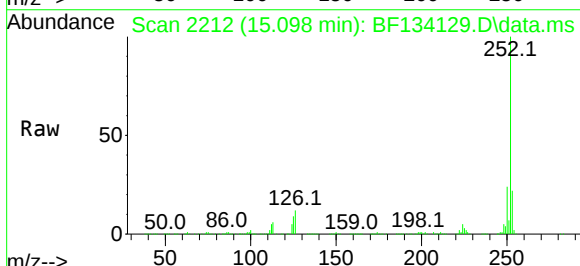
Reviewed By :Yogesh Patel 07/07/2023

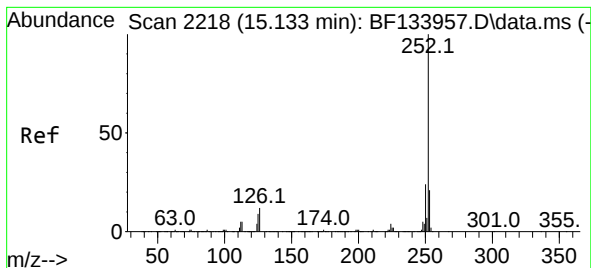
Supervised By :mohammad ahmed 07/09/2023



#88
Benzo(b)fluoranthene
Concen: 49.999 ng
RT: 15.098 min Scan# 2212
Delta R.T. -0.012 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10

Tgt Ion:252 Resp: 639580
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 9.0 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 46.301 ng

RT: 15.127 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF134129.D

Acq: 07 Jul 2023 10:10

Instrument :

BNA_F

ClientSampleId :

TW-1MSD

Tgt Ion:252 Resp: 603024

Ion Ratio Lower Upper

252 100

253 23.0 16.9 25.3

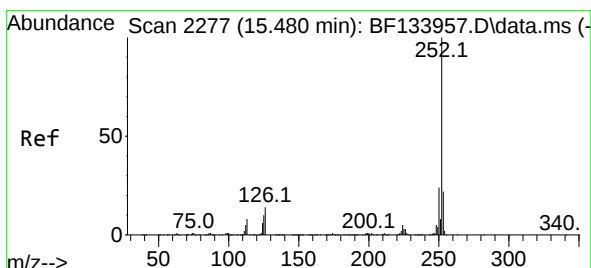
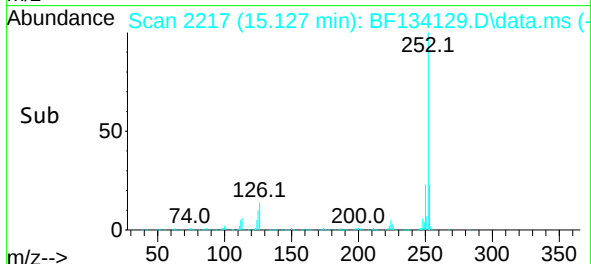
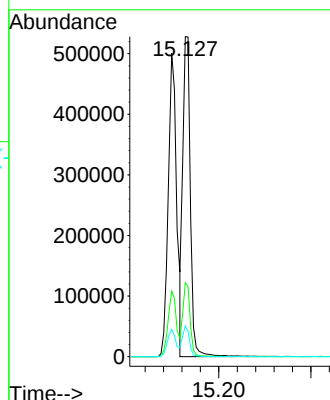
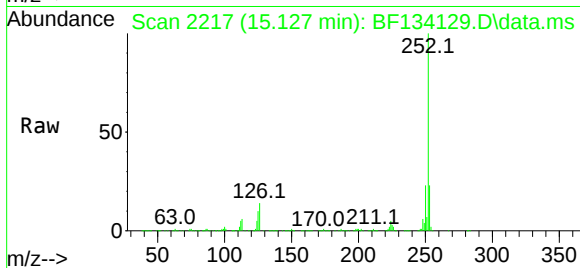
125 9.7 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#90

Benzo(a)pyrene

Concen: 45.112 ng

RT: 15.480 min Scan# 2277

Delta R.T. -0.012 min

Lab File: BF134129.D

Acq: 07 Jul 2023 10:10

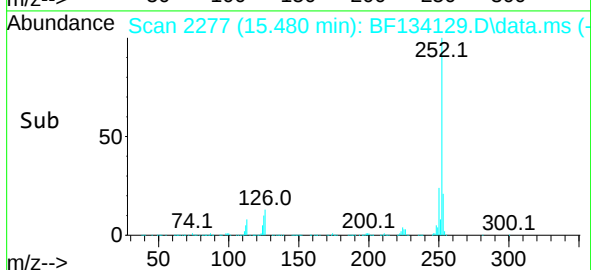
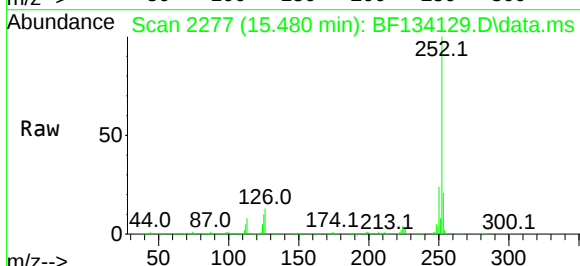
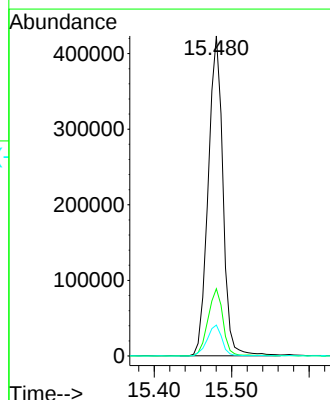
Tgt Ion:252 Resp: 558014

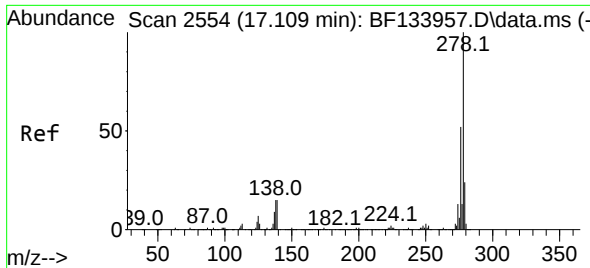
Ion Ratio Lower Upper

252 100

253 21.0 17.4 26.0

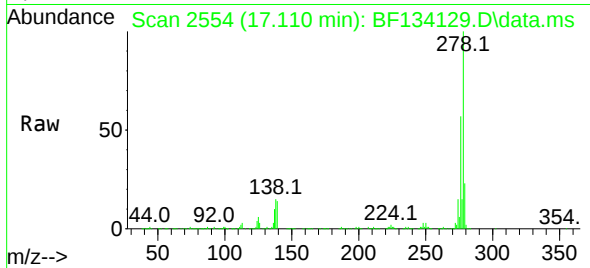
125 9.6 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 52.548 ng
RT: 17.110 min Scan# 2554
Delta R.T. -0.018 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10

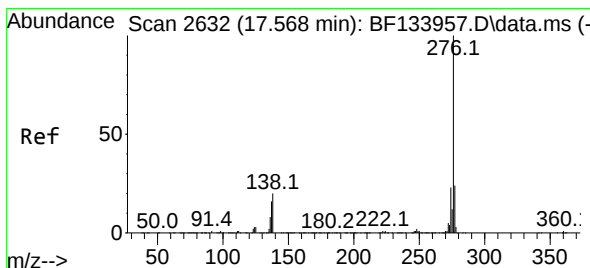
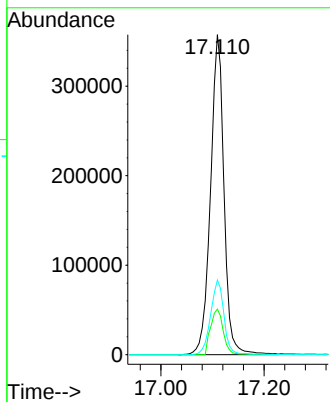
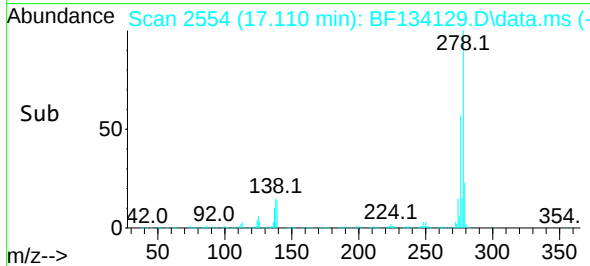
Instrument :
BNA_F
ClientSampleId :
TW-1MSD



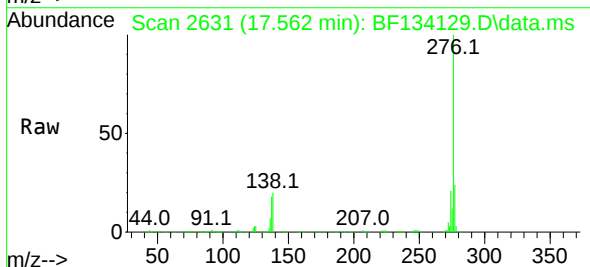
Tgt Ion:278 Resp: 647910
Ion Ratio Lower Upper
278 100
139 14.2 12.2 18.4
279 23.3 19.4 29.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#92
Benzo(g,h,i)perylene
Concen: 51.291 ng
RT: 17.562 min Scan# 2631
Delta R.T. -0.018 min
Lab File: BF134129.D
Acq: 07 Jul 2023 10:10



Tgt Ion:276 Resp: 652160
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.6
138 19.8 16.2 24.2

