

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072623\
 Data File : BF134496.D
 Acq On : 26 Jul 2023 22:55
 Operator : CG\JU
 Sample : 03717-02MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/27/2023
 Supervised By :mohammad ahmed 07/27/2023

Quant Time: Jul 27 01:57:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:46:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	59656	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	233845	20.000	ng	-0.01
39) Acenaphthene-d10	9.863	164	118859	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	217962	20.000	ng	-0.01
76) Chrysene-d12	14.015	240	139375	20.000	ng	-0.02
86) Perylene-d12	15.509	264	150487	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	447917	124.052	ng	0.00
7) Phenol-d6	6.475	99	501308	113.320	ng	0.00
23) Nitrobenzene-d5	7.392	82	394449	85.343	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	192329	113.887	ng	-0.01
45) 2-Fluorobiphenyl	9.180	172	778713	86.009	ng	-0.01
79) Terphenyl-d14	12.951	244	793755	99.417	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	93219	60.866	ng	# 76
3) Pyridine	3.557	79	194609m	56.608	ng	
4) n-Nitrosodimethylamine	3.428	42	152380	75.003	ng	84
6) Aniline	6.498	93	123465	23.680	ng	# 80
8) 2-Chlorophenol	6.616	128	167600	45.818	ng	99
9) Benzaldehyde	6.386	77	60165	25.396	ng	98
10) Phenol	6.486	94	181883	39.516	ng	99
11) bis(2-Chloroethyl)ether	6.563	93	153575	47.795	ng	94
12) 1,3-Dichlorobenzene	6.763	146	170271	43.287	ng	99
13) 1,4-Dichlorobenzene	6.845	146	174780	43.177	ng	98
14) 1,2-Dichlorobenzene	6.992	146	165266	43.463	ng	99
15) Benzyl Alcohol	6.975	79	165793	48.540	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	228566	48.303	ng	82
17) 2-Methylphenol	7.086	107	138209	42.366	ng	96
18) Hexachloroethane	7.328	117	63309	40.709	ng	95
19) n-Nitroso-di-n-propyla...	7.239	70	132441	48.091	ng	96
20) 3+4-Methylphenols	7.239	107	177838	42.577	ng	96
22) Acetophenone	7.239	105	255065	43.858	ng	95
24) Nitrobenzene	7.410	77	191827	41.732	ng	99
25) Isophorone	7.645	82	348778	45.278	ng	100
26) 2-Nitrophenol	7.722	139	79787	37.740	ng	98
27) 2,4-Dimethylphenol	7.763	122	149938	44.941	ng	97
28) bis(2-Chloroethoxy)met...	7.851	93	201110	46.905	ng	98
29) 2,4-Dichlorophenol	7.969	162	148985	44.671	ng	97
30) 1,2,4-Trichlorobenzene	8.045	180	159764	44.409	ng	100
31) Naphthalene	8.127	128	493301	42.387	ng	100
32) Benzoic acid	7.892	122	54459m	24.437	ng	
33) 4-Chloroaniline	8.180	127	52310	10.874	ng	96
34) Hexachlorobutadiene	8.233	225	104298	43.276	ng	99
35) Caprolactam	8.557	113	39602	38.833	ng	97
36) 4-Chloro-3-methylphenol	8.675	107	168237	43.717	ng	97
37) 2-Methylnaphthalene	8.816	142	344891	42.651	ng	98
38) 1-Methylnaphthalene	8.916	142	320775	42.760	ng	97
40) 1,2,4,5-Tetrachloroben...	8.980	216	169704	45.054	ng	98
41) Hexachlorocyclopentadiene	8.963	237	71762	62.306	ng	95
43) 2,4,6-Trichlorophenol	9.104	196	107633	44.543	ng	97

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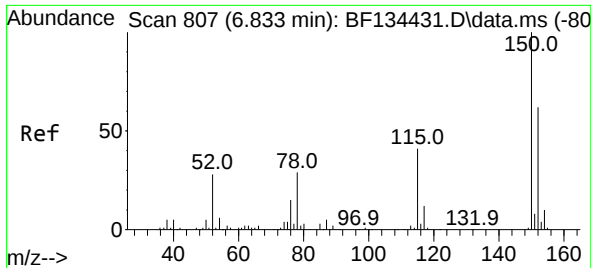
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	108909	38.685	ng	97
46) 1,1'-Biphenyl	9.280	154	445489	45.475	ng	98
47) 2-Chloronaphthalene	9.310	162	331275	45.870	ng	99
48) 2-Nitroaniline	9.416	65	122974	47.280	ng	92
49) Acenaphthylene	9.722	152	541004	44.341	ng	99
50) Dimethylphthalate	9.586	163	419863	47.652	ng	99
51) 2,6-Dinitrotoluene	9.657	165	82252	42.544	ng	85
52) Acenaphthene	9.898	154	322772	44.783	ng	98
53) 3-Nitroaniline	9.827	138	74335	33.535	ng	95
54) 2,4-Dinitrophenol	9.951	184	6132	12.118	ng #	72
55) Dibenzofuran	10.069	168	491369	44.295	ng	100
56) 4-Nitrophenol	10.004	139	71995	60.906	ng	95
57) 2,4-Dinitrotoluene	10.063	165	103274	39.770	ng	86
58) Fluorene	10.416	166	400614	44.766	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.192	232	87230	40.328	ng #	91
60) Diethylphthalate	10.286	149	448033	49.114	ng	98
61) 4-Chlorophenyl-phenyle...	10.404	204	198388	46.407	ng	99
62) 4-Nitroaniline	10.445	138	82543	36.296	ng	92
63) Azobenzene	10.563	77	389152	46.346	ng	94
65) 4,6-Dinitro-2-methylph...	10.480	198	8002	6.400	ng	99
66) n-Nitrosodiphenylamine	10.527	169	348151	50.205	ng	98
67) 4-Bromophenyl-phenylether	10.898	248	122011	51.091	ng	96
68) Hexachlorobenzene	10.963	284	138499	51.502	ng	98
69) Atrazine	11.057	200	112806	58.346	ng	95
70) Pentachlorophenol	11.163	266	74365	65.894	ng	95
71) Phenanthrene	11.380	178	524004	46.013	ng	99
72) Anthracene	11.433	178	546003	46.453	ng	99
73) Carbazole	11.592	167	469747	42.441	ng	99
74) Di-n-butylphthalate	11.916	149	670526	52.774	ng	99
75) Fluoranthene	12.574	202	506794	38.184	ng	99
77) Benzidine	12.704	184	73791	24.796	ng	98
78) Pyrene	12.804	202	501216	45.228	ng	98
80) Butylbenzylphthalate	13.421	149	230992	52.036	ng	97
81) Benzo(a)anthracene	14.004	228	446400	45.907	ng	99
82) 3,3'-Dichlorobenzidine	13.968	252	104159	33.819	ng	97
83) Chrysene	14.045	228	417815	44.923	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	325156	60.293	ng	99
85) Di-n-octyl phthalate	14.604	149	540924	72.176	ng	100
87) Indeno(1,2,3-cd)pyrene	17.045	276	393723	40.048	ng	100
88) Benzo(b)fluoranthene	15.068	252	470161	49.940	ng	99
89) Benzo(k)fluoranthene	15.104	252	439302	47.448	ng	97
90) Benzo(a)pyrene	15.451	252	391571	44.997	ng	99
91) Dibenzo(a,h)anthracene	17.056	278	339004	42.697	ng	96
92) Benzo(g,h,i)perylene	17.509	276	296630	36.385	ng	99

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

Manual Integrations

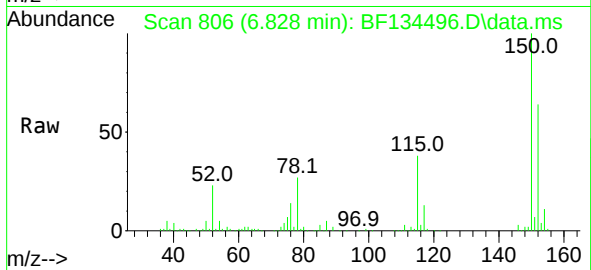
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.005 min
 Lab File: BF134496.D
 Acq: 26 Jul 2023 22:55

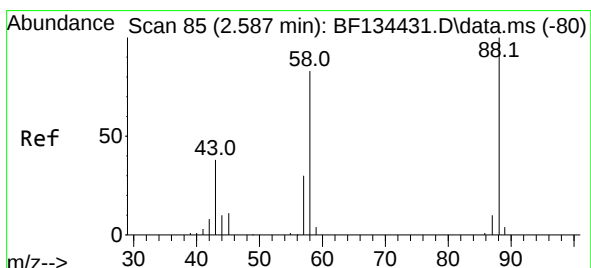
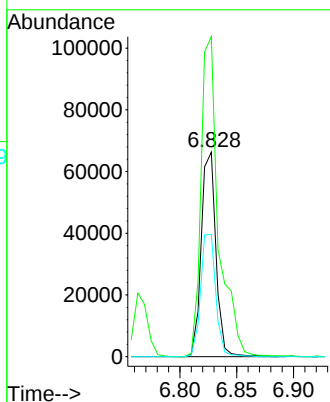
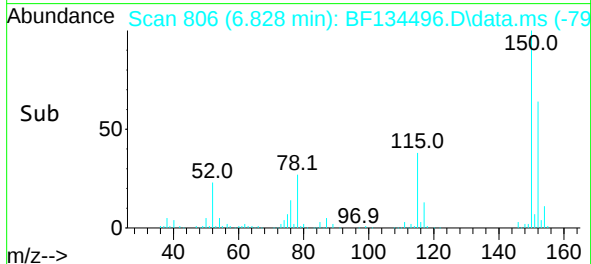
Instrument :
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Tgt Ion:152 Resp: 59650
 Ion Ratio Lower Upper
 152 100
 150 156.5 128.3 192.5
 115 59.8 52.4 78.6

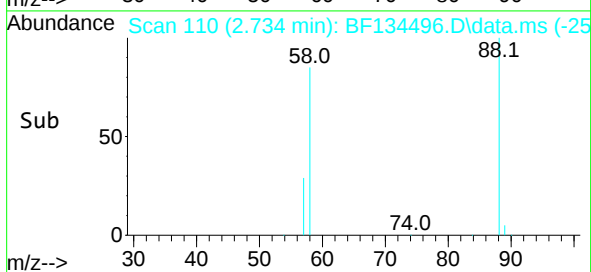
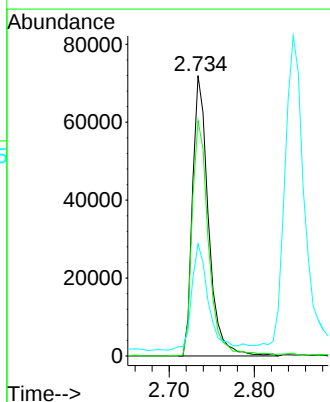
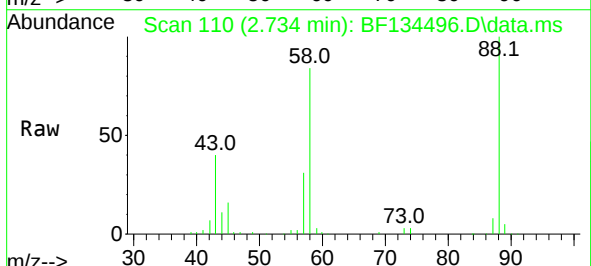
Manual Integrations
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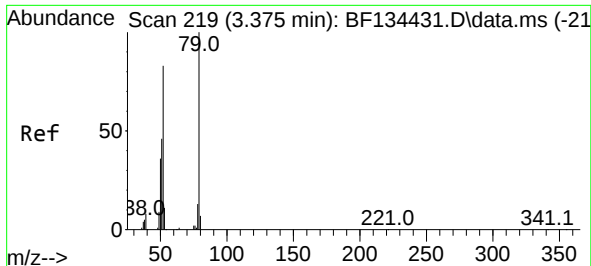
Reviewed By :Yogesh Patel 07/27/2023
 Supervised By :mohammad ahmed 07/27/2023



#2
 1,4-Dioxane
 Concen: 60.866 ng
 RT: 2.734 min Scan# 110
 Delta R.T. 0.147 min
 Lab File: BF134496.D
 Acq: 26 Jul 2023 22:55

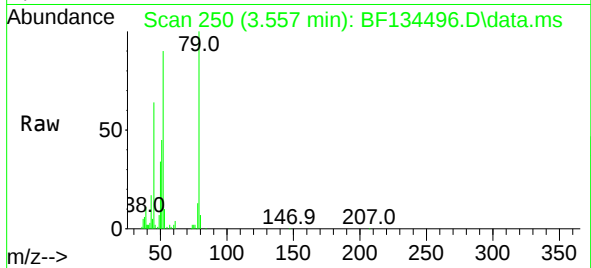
Tgt Ion: 88 Resp: 93219
 Ion Ratio Lower Upper
 88 100
 58 86.4 65.1 97.7
 43 0.0 30.3 45.5





#3
Pyridine
Concen: 56.608 ng m
RT: 3.557 min Scan# 219
Delta R.T. 0.182 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55

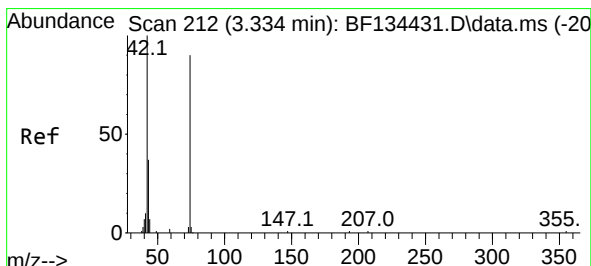
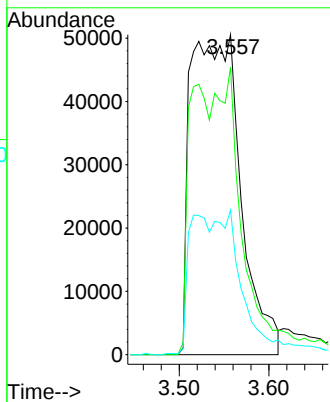
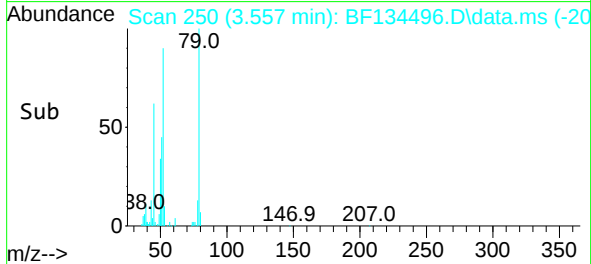
Instrument :
BNA_F
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TP-1MS



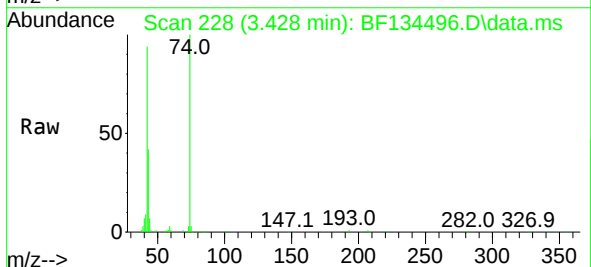
Tgt Ion: 79 Resp: 194609
Ion Ratio Lower Upper
79 100
52 89.9 66.6 100.0
51 45.2 36.5 54.7

Manual Integrations
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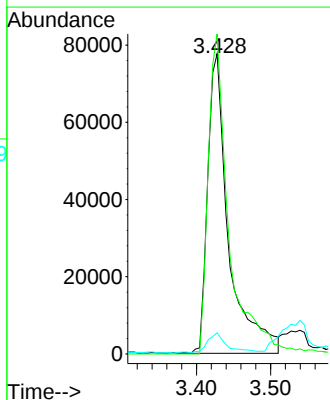
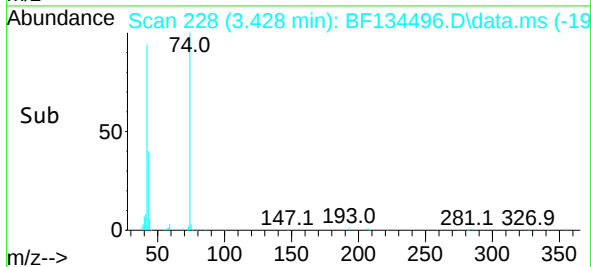
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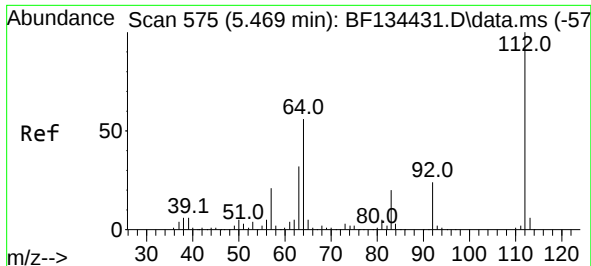


#4
n-Nitrosodimethylamine
Concen: 75.003 ng
RT: 3.428 min Scan# 228
Delta R.T. 0.094 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55



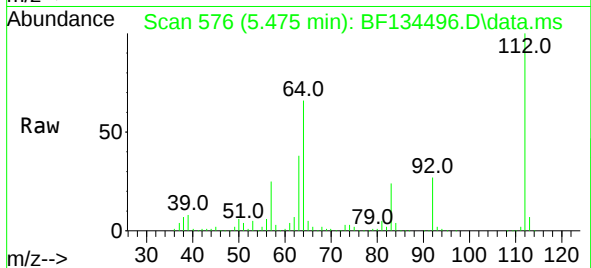
Tgt Ion: 42 Resp: 152380
Ion Ratio Lower Upper
42 100
74 106.6 72.2 108.4
44 7.1 5.4 8.0





#5
2-Fluorophenol
Concen: 124.052 ng
RT: 5.475 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55

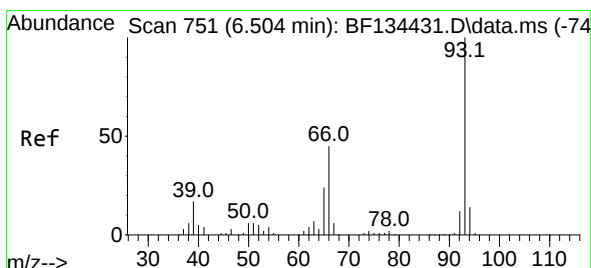
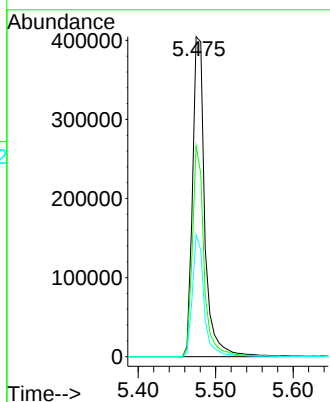
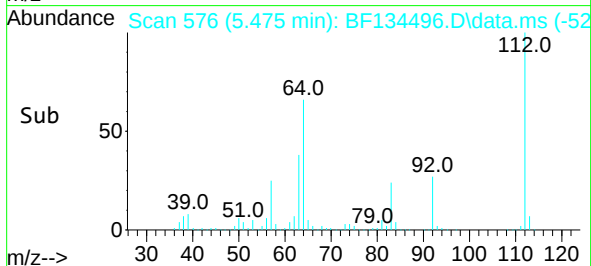
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Tgt Ion:112 Resp: 447917
Ion Ratio Lower Upper
112 100
64 65.8 44.9 67.3
63 38.1 25.4 38.0

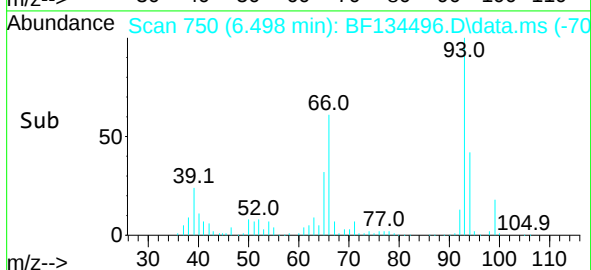
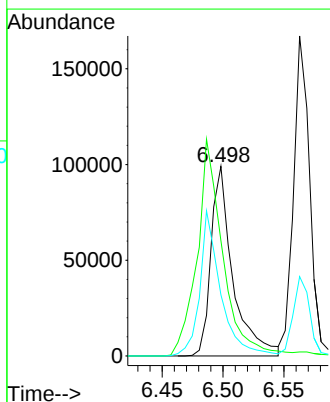
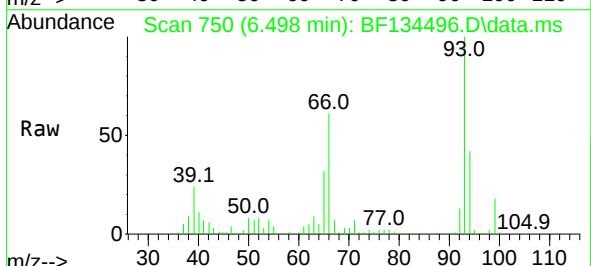
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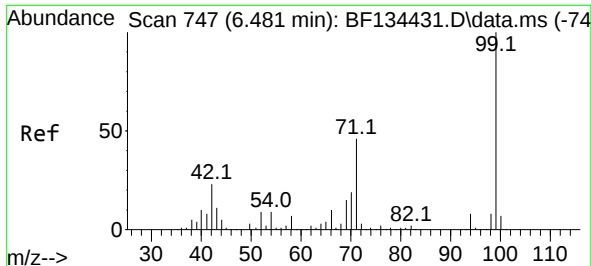
Reviewed By :Yogesh Patel 07/27/2023
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#6
Aniline
Concen: 23.680 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
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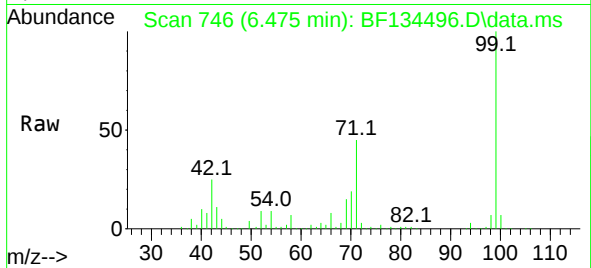
Tgt Ion: 93 Resp: 123465
Ion Ratio Lower Upper
93 100
66 60.7 36.8 55.2#
65 32.2 19.4 29.0#





#7
Phenol-d6
Concen: 113.320 ng
RT: 6.475 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55

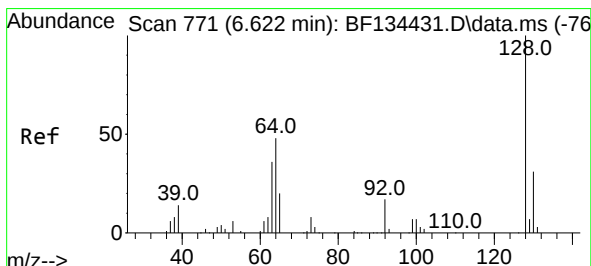
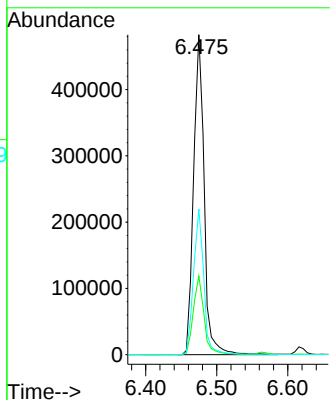
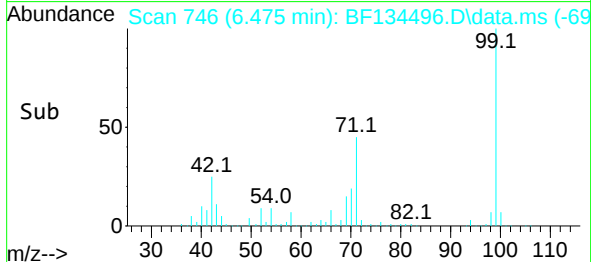
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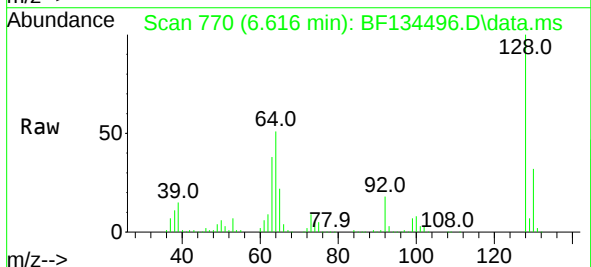
Tgt Ion: 99 Resp: 501308
Ion Ratio Lower Upper
99 100
42 24.6 18.7 28.1
71 45.5 36.4 54.6

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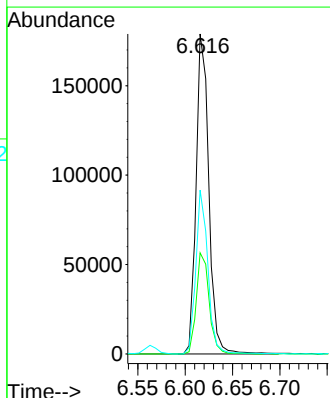
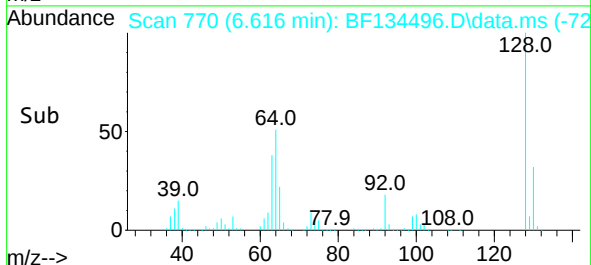
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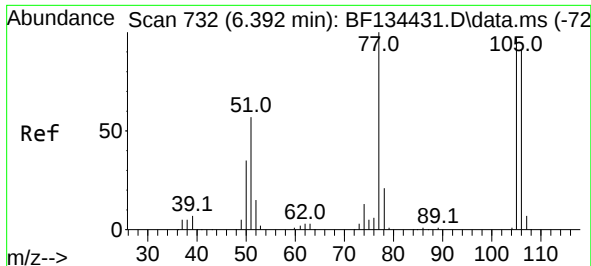


#8
2-Chlorophenol
Concen: 45.818 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.006 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55



Tgt Ion:128 Resp: 167600
Ion Ratio Lower Upper
128 100
130 31.6 11.1 51.1
64 51.2 31.9 71.9





#9
Benzaldehyde
Concen: 25.396 ng
RT: 6.386 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55

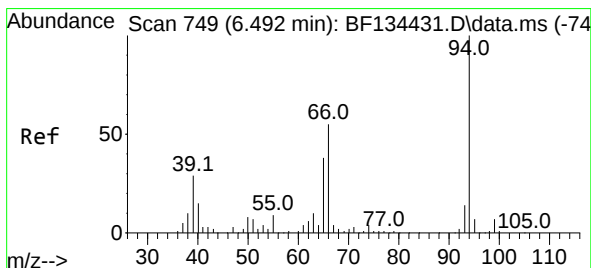
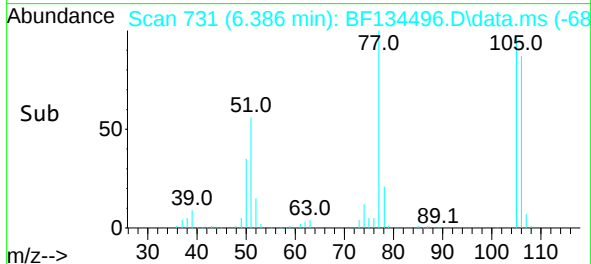
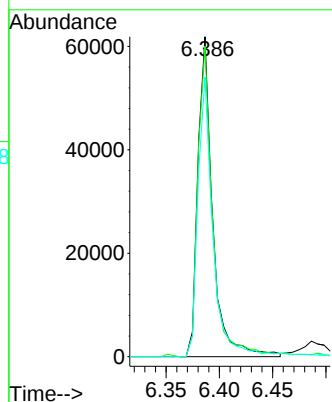
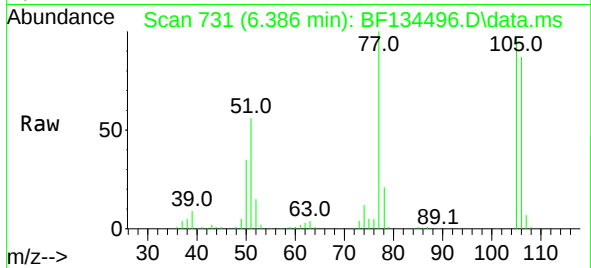
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Tgt Ion: 77 Resp: 6016

Ion	Ratio	Lower	Upper
77	100		
105	97.1	77.1	117.1
106	87.4	71.4	111.4

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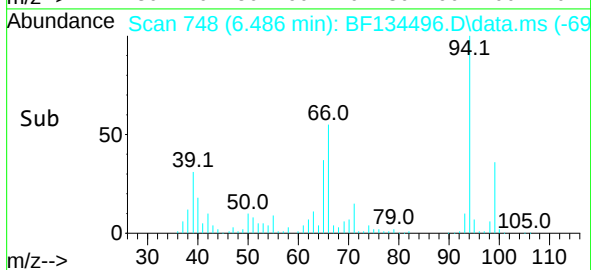
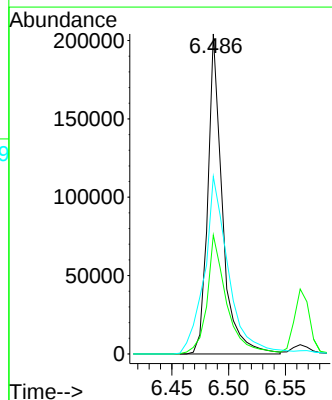
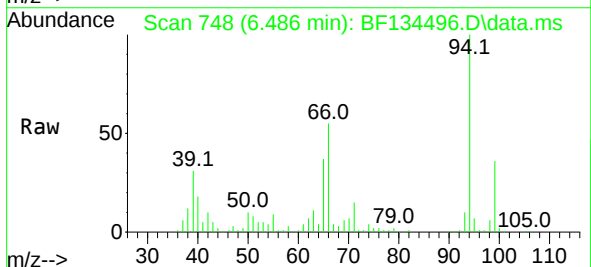
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

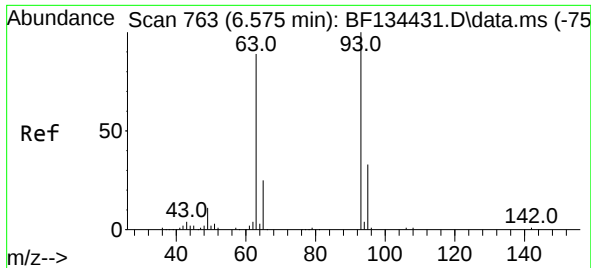


#10
Phenol
Concen: 39.516 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55

Tgt Ion: 94 Resp: 181883

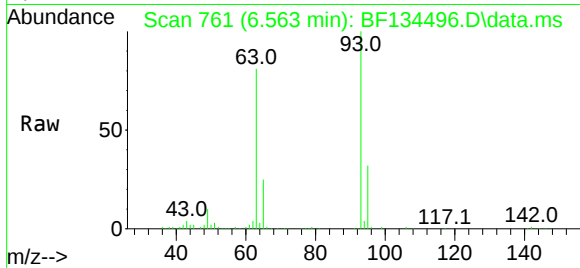
Ion	Ratio	Lower	Upper
94	100		
65	37.1	17.8	57.8
66	55.5	35.2	75.2





#11
bis(2-Chloroethyl)ether
Concen: 47.795 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.012 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55

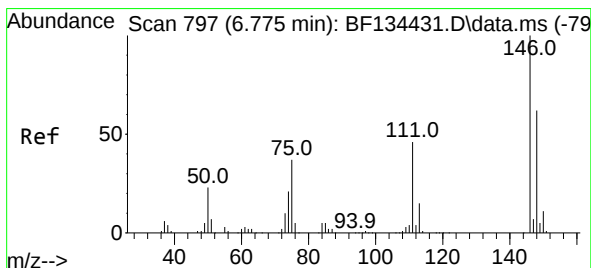
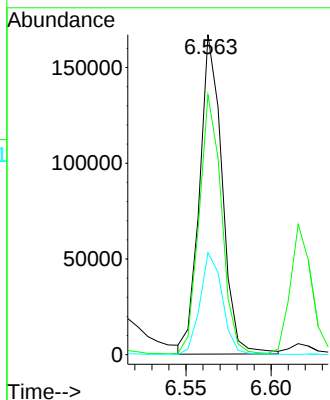
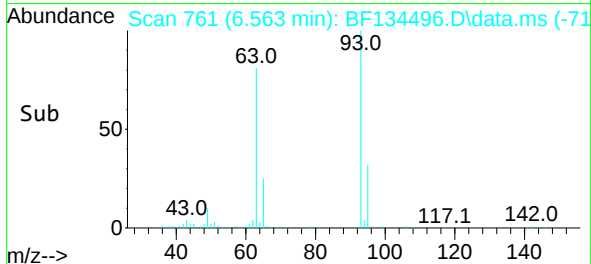
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion: 93 Resp: 15357
Ion Ratio Lower Upper
93 100
63 81.2 68.4 108.4
95 31.9 12.4 52.4

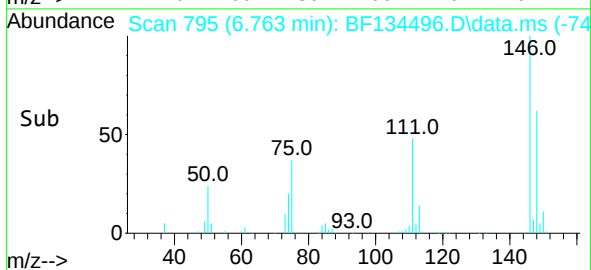
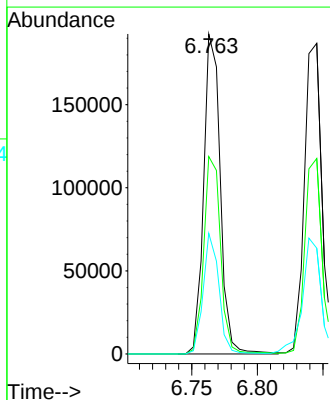
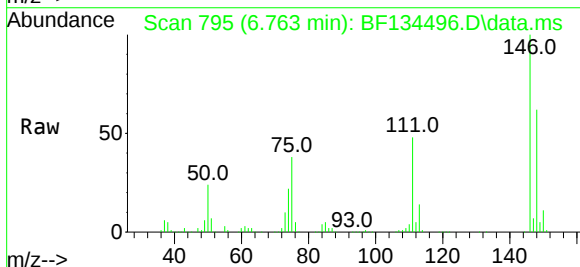
Manual Integrations
APPROVED

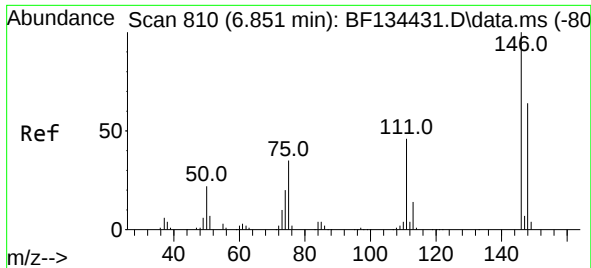
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



#12
1,3-Dichlorobenzene
Concen: 43.287 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55

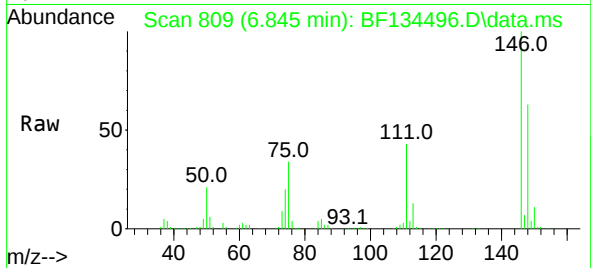
Tgt Ion:146 Resp: 170271
Ion Ratio Lower Upper
146 100
148 61.7 49.7 74.5
75 37.7 29.5 44.3





#13
1,4-Dichlorobenzene
Concen: 43.177 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55

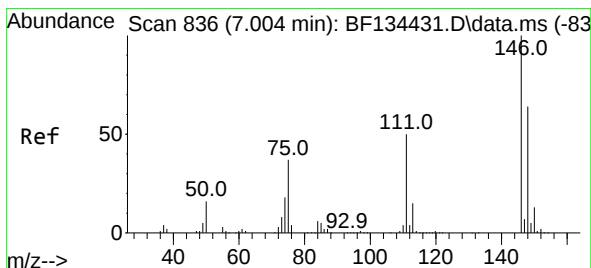
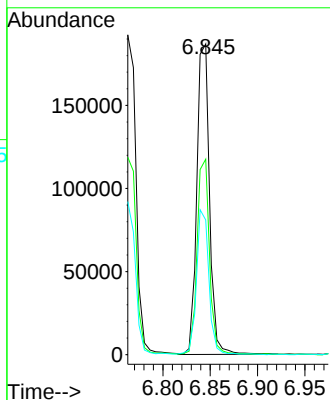
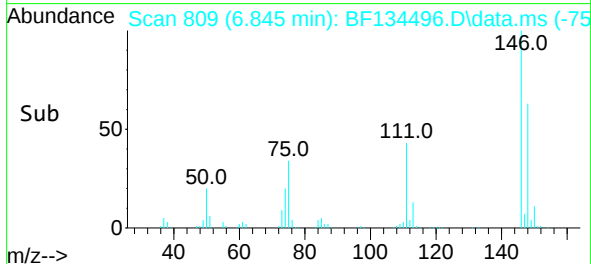
Instrument :
BNA_F
ClientSampleId :
TP-1MS



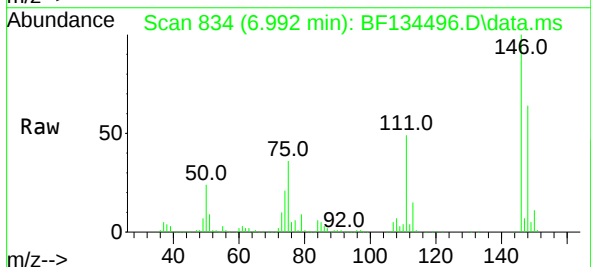
Tgt Ion:146 Resp: 174780
Ion Ratio Lower Upper
146 100
148 62.9 51.3 76.9
111 43.3 36.6 55.0

Manual Integrations
APPROVED

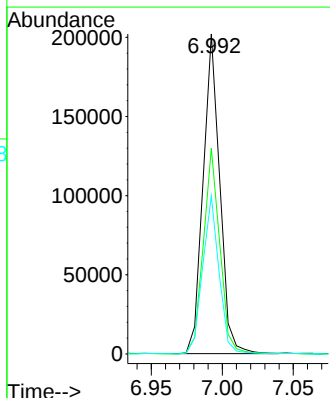
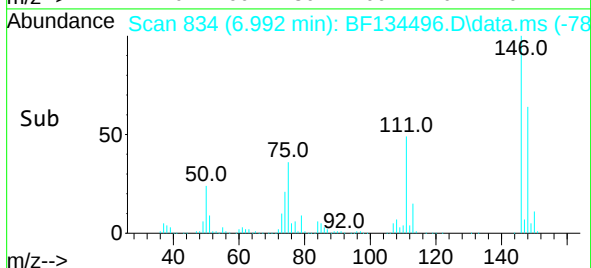
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

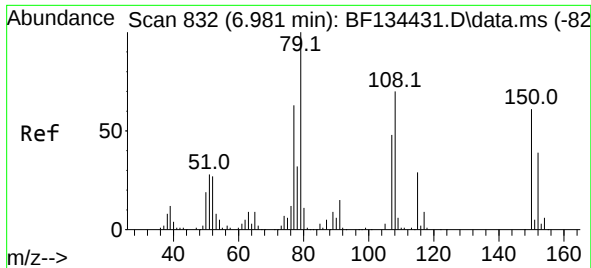


#14
1,2-Dichlorobenzene
Concen: 43.463 ng
RT: 6.992 min Scan# 834
Delta R.T. -0.012 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55



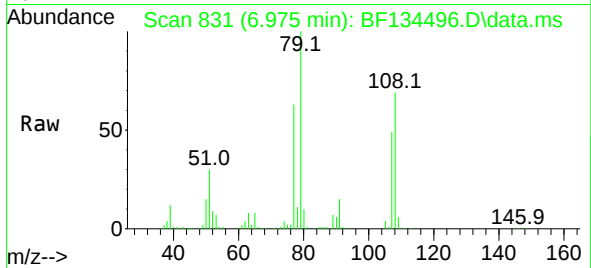
Tgt Ion:146 Resp: 165266
Ion Ratio Lower Upper
146 100
148 64.4 51.2 76.8
111 49.4 39.9 59.9





#15
Benzyl Alcohol
Concen: 48.540 ng
RT: 6.975 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55

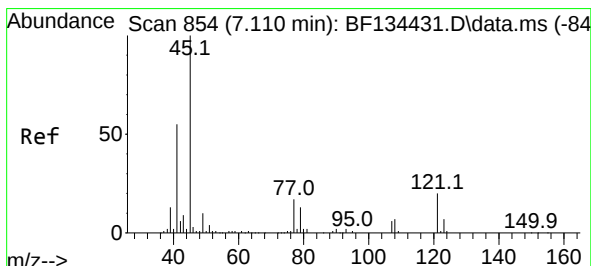
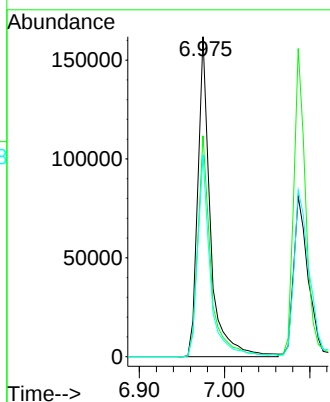
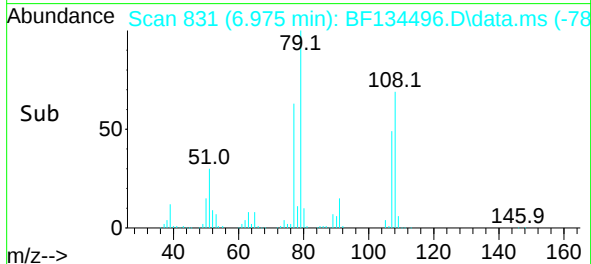
Instrument :
BNA_F
ClientSampleId :
TP-1MS



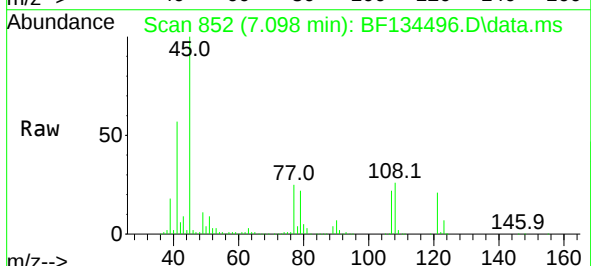
Tgt Ion: 79 Resp: 16579
Ion Ratio Lower Upper
79 100
108 69.1 56.3 84.5
77 63.1 50.6 76.0

Manual Integrations
APPROVED

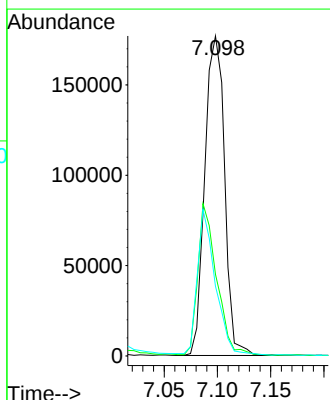
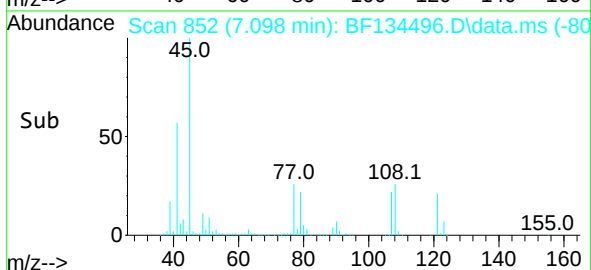
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

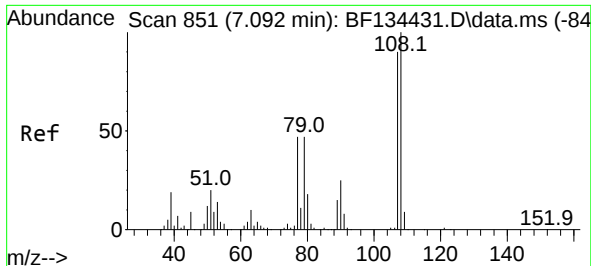


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.303 ng
RT: 7.098 min Scan# 852
Delta R.T. -0.012 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55



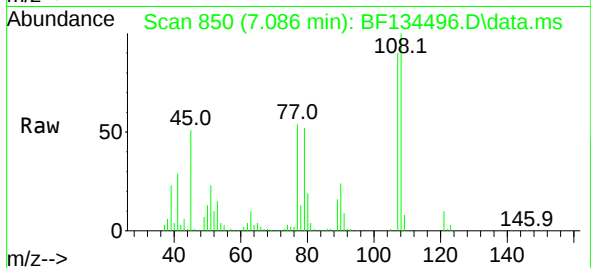
Tgt Ion: 45 Resp: 228566
Ion Ratio Lower Upper
45 100
77 25.5 0.0 37.8
79 21.8 0.0 34.5





#17
2-Methylphenol
Concen: 42.366 ng
RT: 7.086 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55

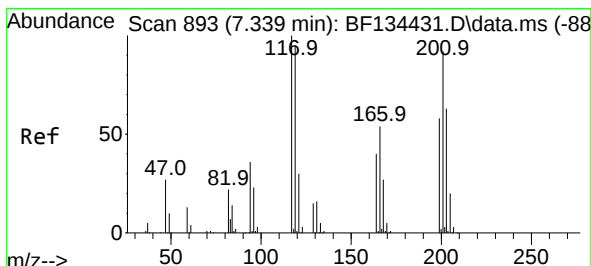
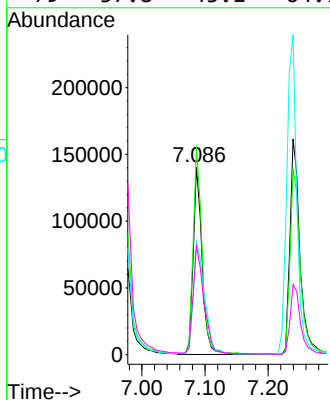
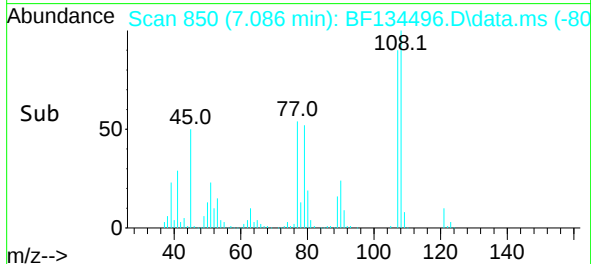
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:107 Resp: 138209
Ion Ratio Lower Upper
107 100
108 111.0 89.4 134.2
77 60.0 42.4 63.6
79 57.8 43.1 64.7

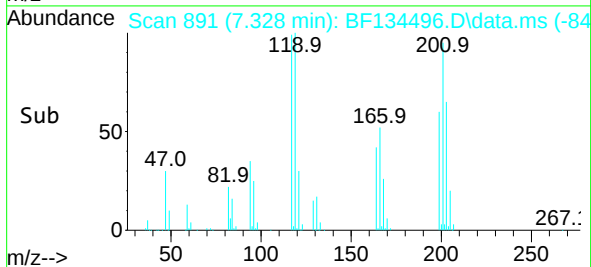
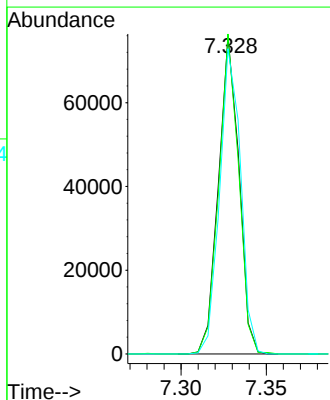
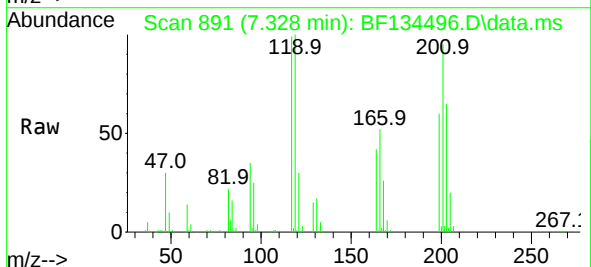
Manual Integrations
APPROVED

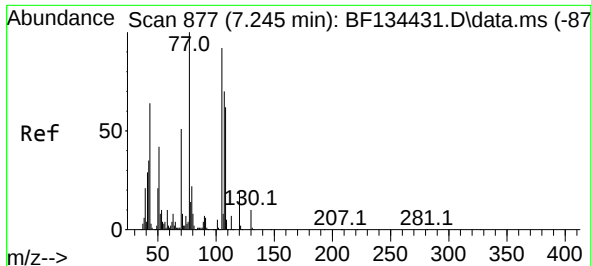
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



#18
Hexachloroethane
Concen: 40.709 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.012 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55

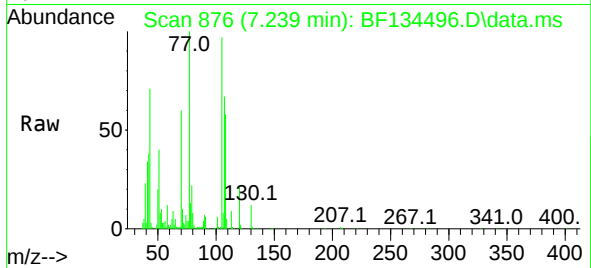
Tgt Ion:117 Resp: 63309
Ion Ratio Lower Upper
117 100
119 100.6 75.8 113.8
201 96.0 73.6 110.4





#19
n-Nitroso-di-n-propylamine
Concen: 48.091 ng
RT: 7.239 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55

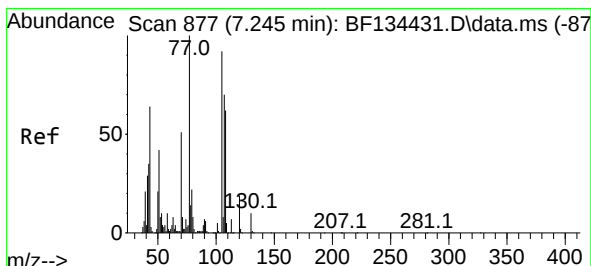
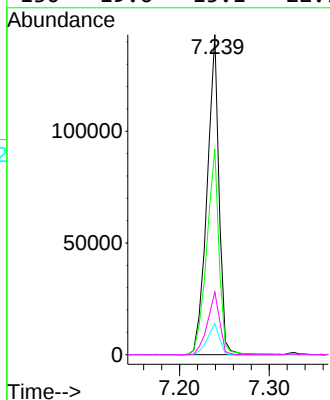
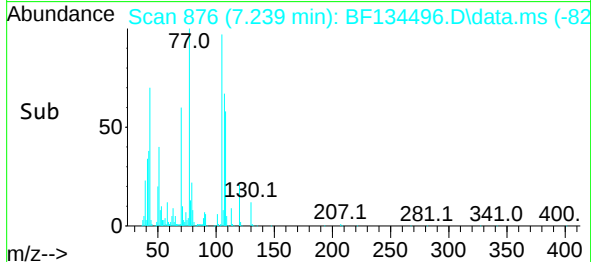
Instrument :
BNA_F
ClientSampleId :
TP-1MS



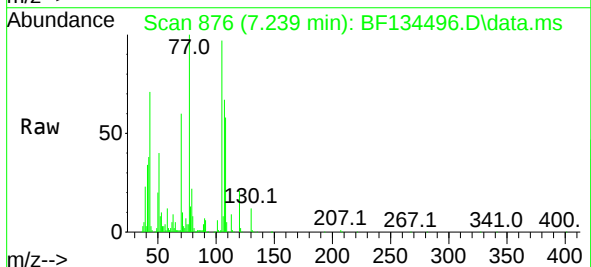
Tgt Ion: 70 Resp: 13244
Ion Ratio Lower Upper
70 100
42 64.3 54.7 82.1
101 9.7 8.2 12.2
130 19.6 15.1 22.7

Manual Integrations
APPROVED

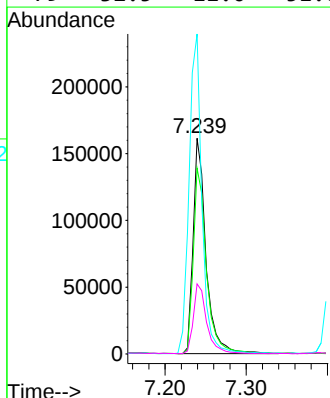
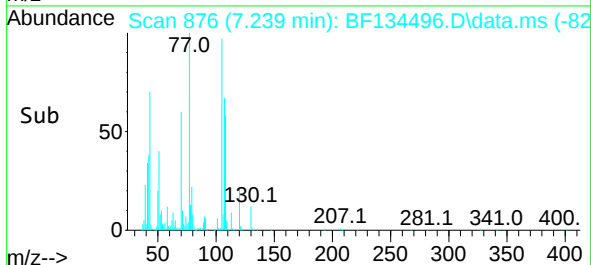
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

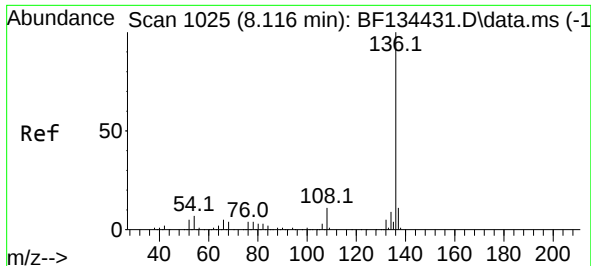


#20
3+4-Methylphenols
Concen: 42.577 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55



Tgt Ion:107 Resp: 177838
Ion Ratio Lower Upper
107 100
108 86.1 68.1 108.1
77 148.4 122.1 162.1
79 32.5 11.0 51.0





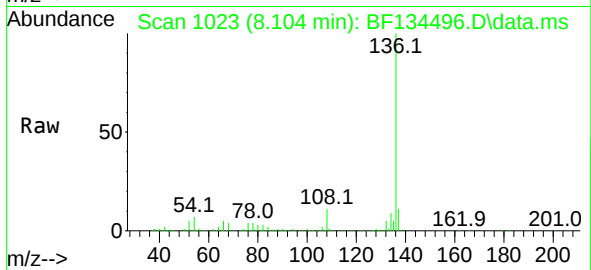
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.012 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55

Instrument :

BNA_F

ClientSampleId :

TP-1MS



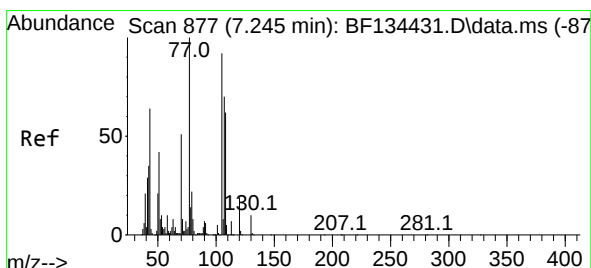
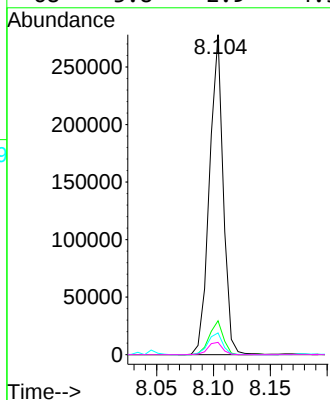
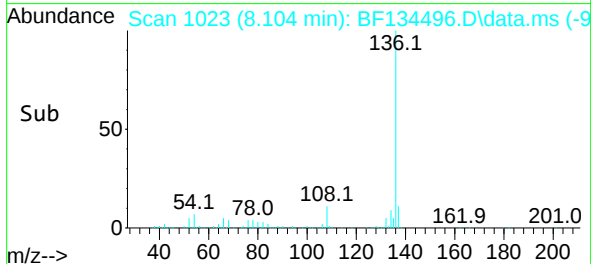
Tgt Ion:136 Resp: 233845
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 6.8 5.2 7.8
68 3.8 2.9 4.3

Manual Integrations

APPROVED

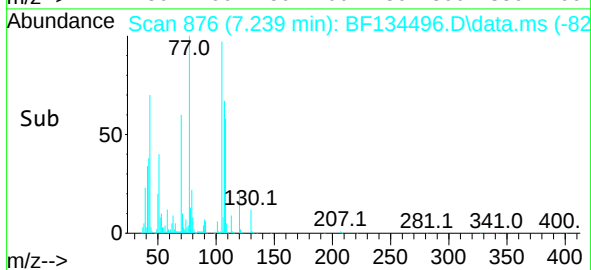
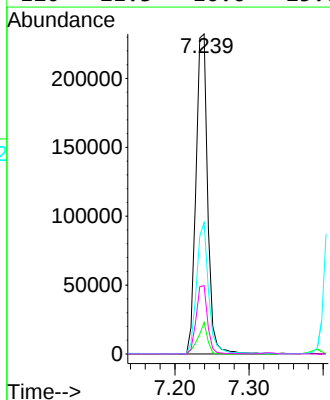
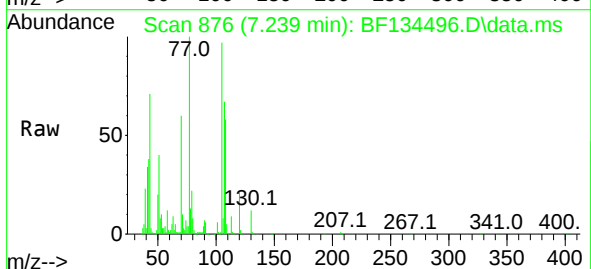
Reviewed By :Yogesh Patel 07/27/2023

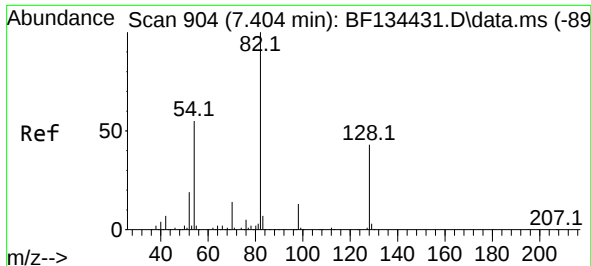
Supervised By :mohammad ahmed 07/27/2023



#22
Acetophenone
Concen: 43.858 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55

Tgt Ion:105 Resp: 255065
Ion Ratio Lower Upper
105 100
71 9.9 7.4 11.0
51 41.1 36.4 54.6
120 21.3 16.6 25.0





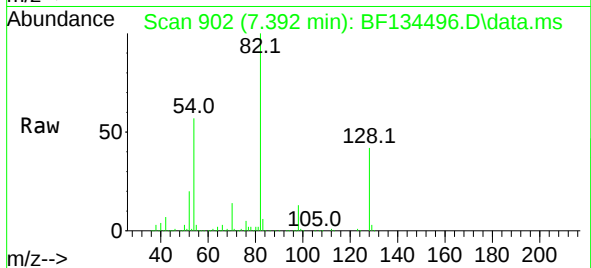
#23
Nitrobenzene-d5
Concen: 85.343 ng
RT: 7.392 min Scan# 904
Delta R.T. -0.012 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55

Instrument :

BNA_F

ClientSampleId :

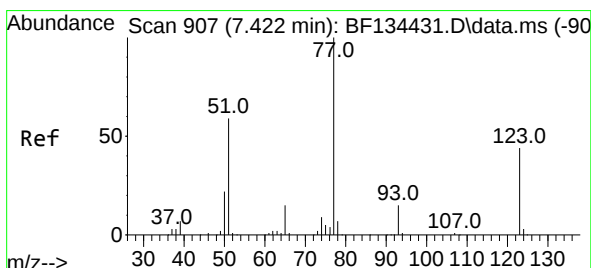
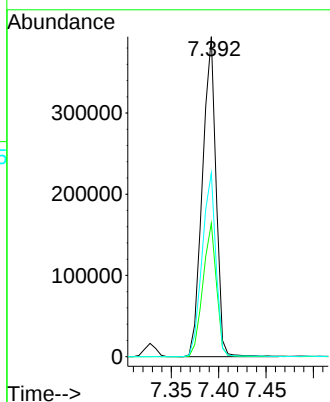
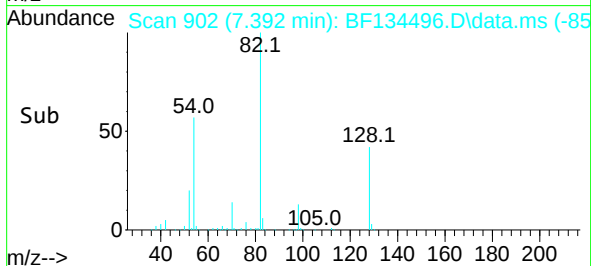
TP-1MS



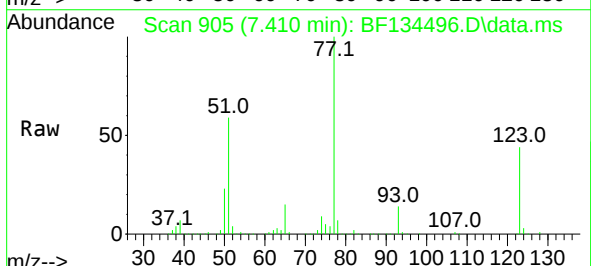
Tgt Ion: 82 Resp: 394449
Ion Ratio Lower Upper
82 100
128 41.7 34.3 51.5
54 57.4 43.8 65.6

Manual Integrations
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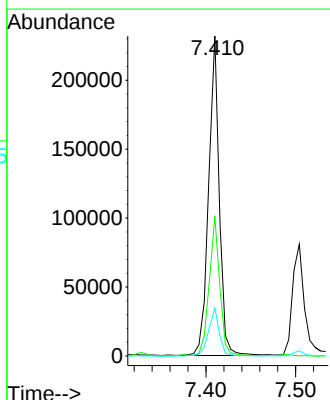
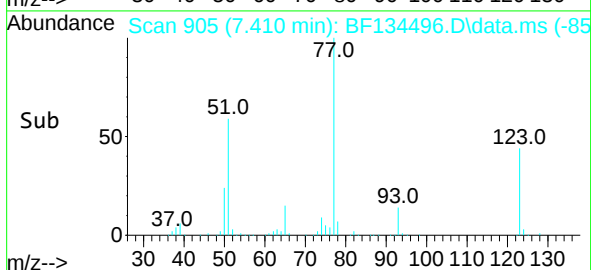
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

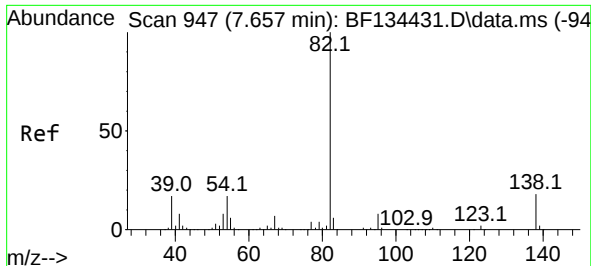


#24
Nitrobenzene
Concen: 41.732 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55



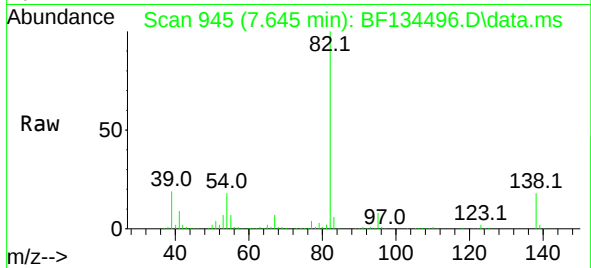
Tgt Ion: 77 Resp: 191827
Ion Ratio Lower Upper
77 100
123 43.6 35.5 53.3
65 14.9 11.9 17.9





#25
Isophorone
Concen: 45.278 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.012 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55

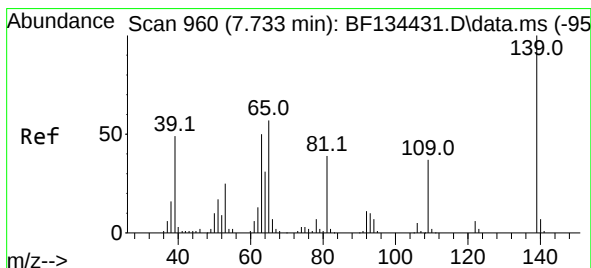
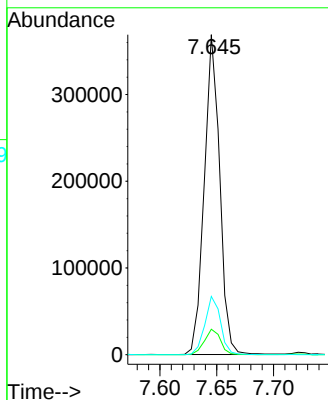
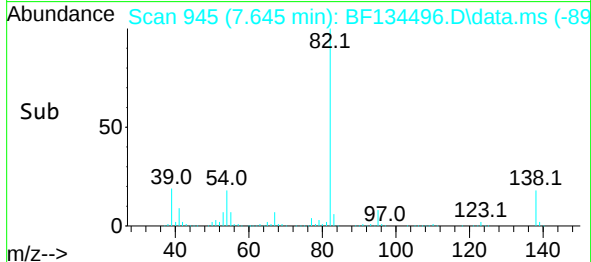
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion: 82 Resp: 348778
Ion Ratio Lower Upper
82 100
95 7.9 6.0 9.0
138 18.2 14.6 22.0

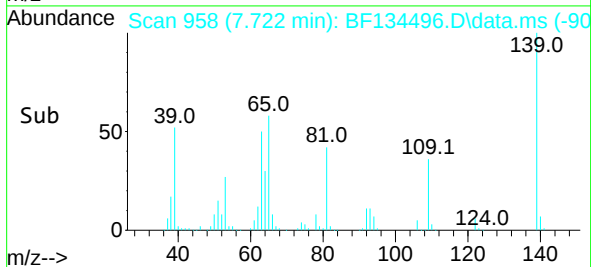
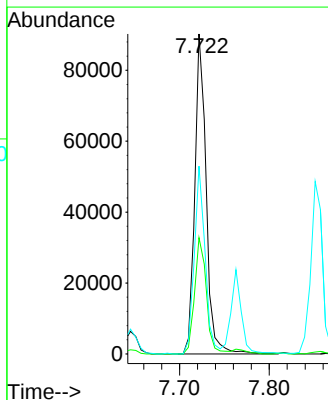
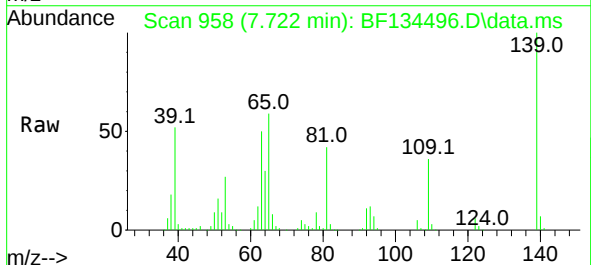
Manual Integrations
APPROVED

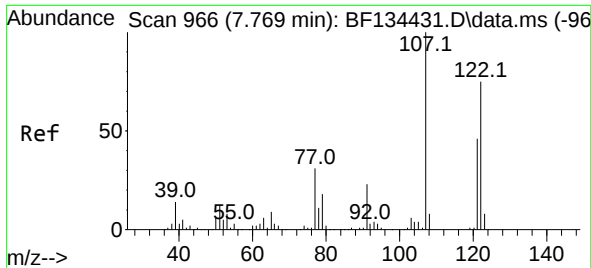
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



#26
2-Nitrophenol
Concen: 37.740 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.012 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55

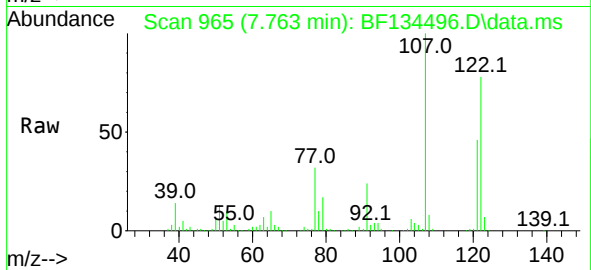
Tgt Ion:139 Resp: 79787
Ion Ratio Lower Upper
139 100
109 36.4 29.8 44.6
65 58.7 45.4 68.2





#27
2,4-Dimethylphenol
Concen: 44.941 ng
RT: 7.763 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55

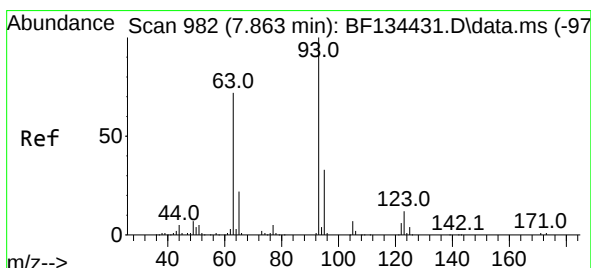
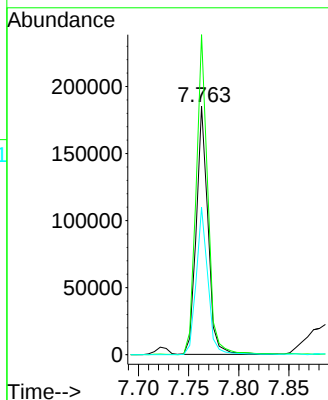
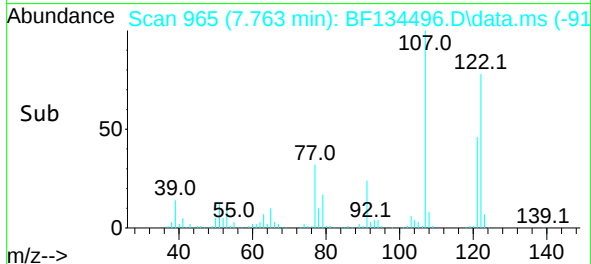
Instrument :
BNA_F
ClientSampleId :
TP-1MS



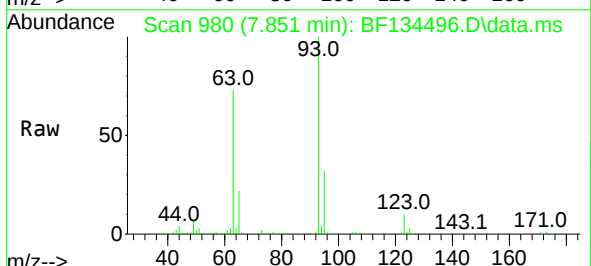
Tgt Ion:122 Resp: 149938
Ion Ratio Lower Upper
122 100
107 128.9 106.7 160.1
121 59.3 49.0 73.6

Manual Integrations
APPROVED

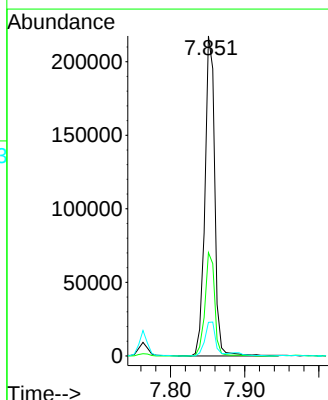
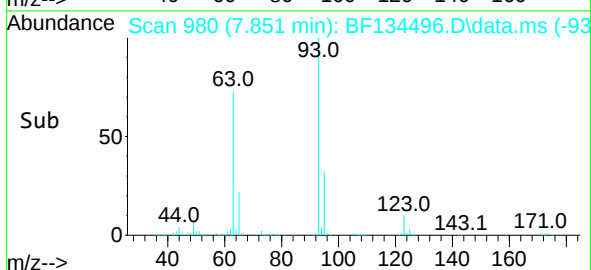
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

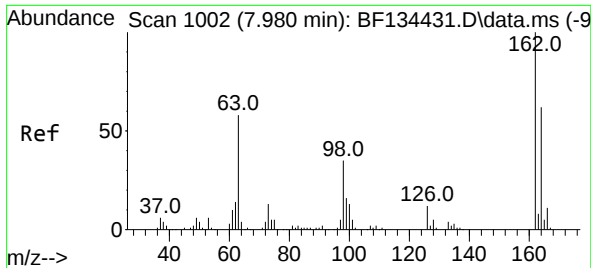


#28
bis(2-Chloroethoxy)methane
Concen: 46.905 ng
RT: 7.851 min Scan# 980
Delta R.T. -0.012 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55



Tgt Ion: 93 Resp: 201110
Ion Ratio Lower Upper
93 100
95 32.3 26.5 39.7
123 10.5 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 44.671 ng

RT: 7.969 min Scan# 1000

Delta R.T. -0.012 min

Lab File: BF134496.D

Acq: 26 Jul 2023 22:55

Instrument :

BNA_F

ClientSampleId :

TP-1MS

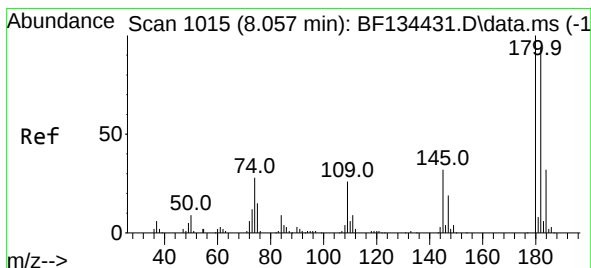
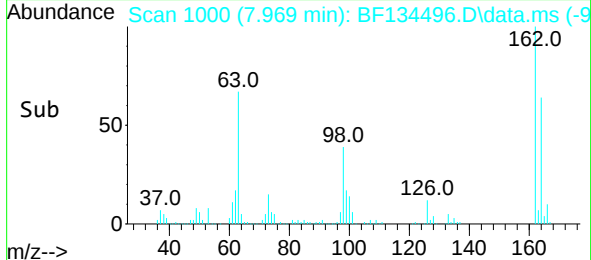
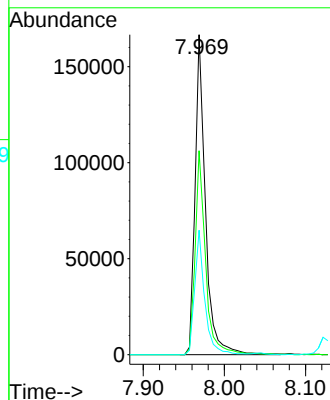
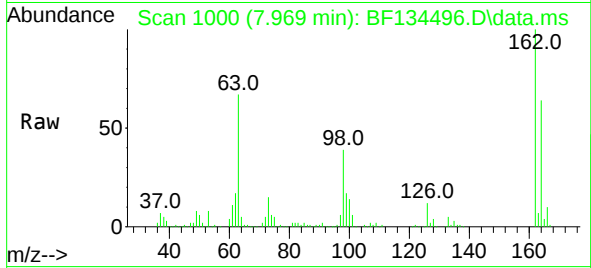
Tgt Ion:162 Resp: 148985
 Ion Ratio Lower Upper
 162 100
 164 63.7 42.2 82.2
 98 38.9 15.5 55.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/27/2023

Supervised By :mohammad ahmed 07/27/2023



#30

1,2,4-Trichlorobenzene

Concen: 44.409 ng

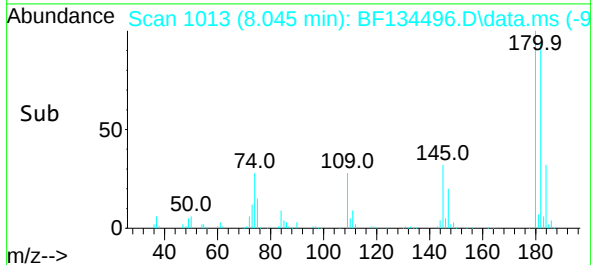
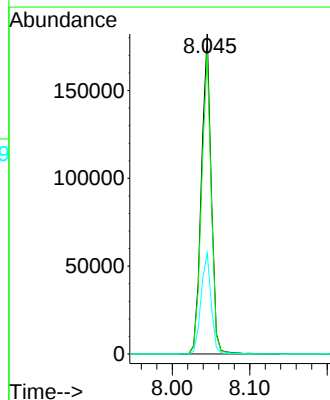
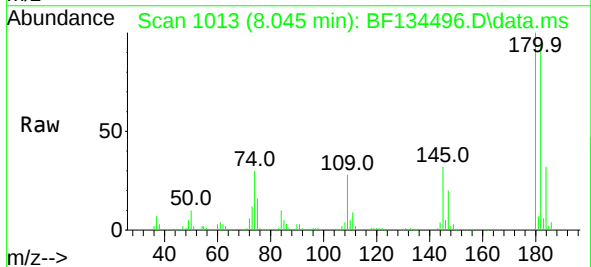
RT: 8.045 min Scan# 1013

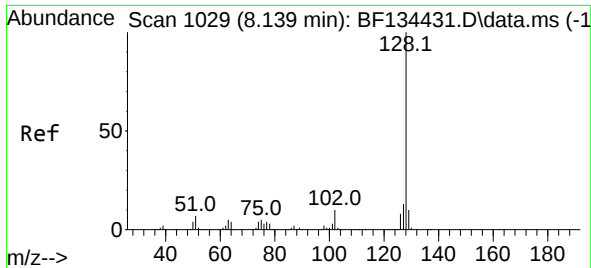
Delta R.T. -0.012 min

Lab File: BF134496.D

Acq: 26 Jul 2023 22:55

Tgt Ion:180 Resp: 159764
 Ion Ratio Lower Upper
 180 100
 182 93.8 75.0 112.6
 145 31.6 25.5 38.3





#31
Naphthalene
Concen: 42.387 ng
RT: 8.127 min Scan# 1027
Delta R.T. -0.012 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55

Instrument :

BNA_F

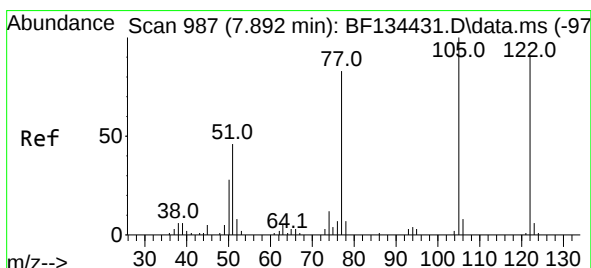
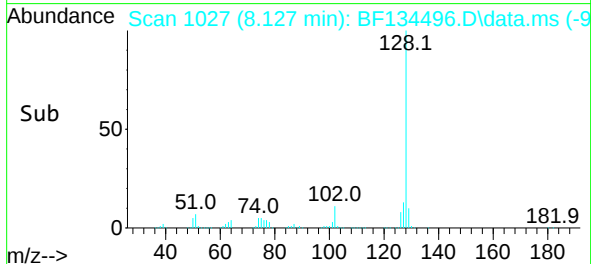
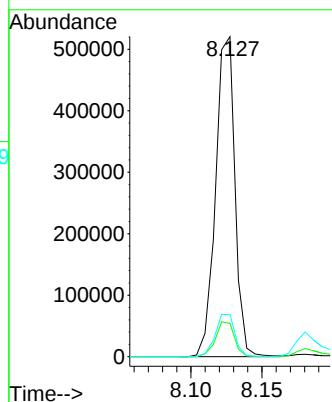
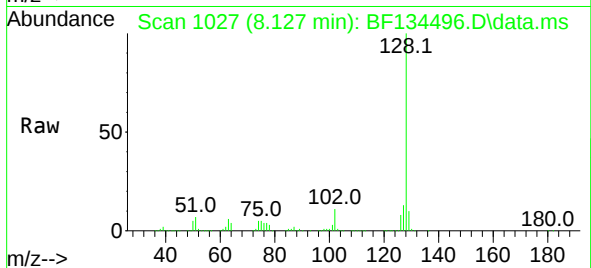
ClientSampleId :

TP-1MS

Tgt Ion:128 Resp: 49330
Ion Ratio Lower Upper
128 100
129 10.4 8.4 12.6
127 13.2 10.7 16.1

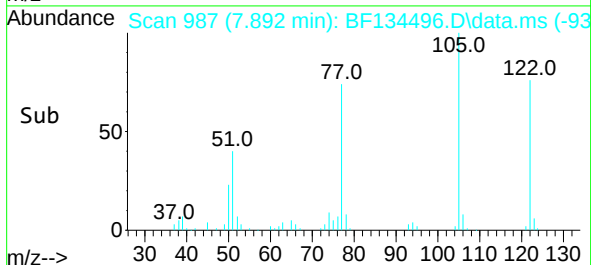
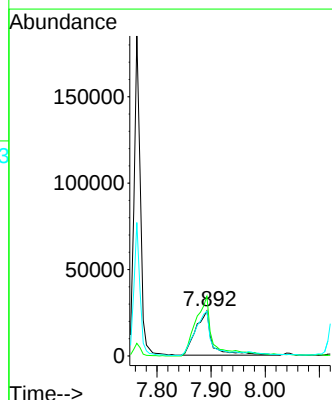
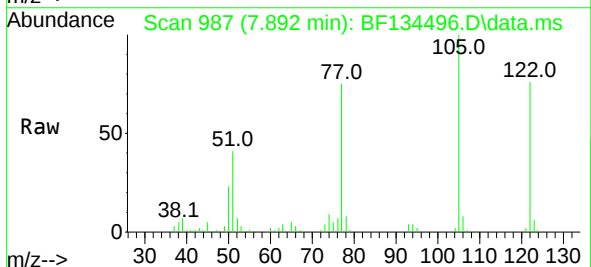
Manual Integrations
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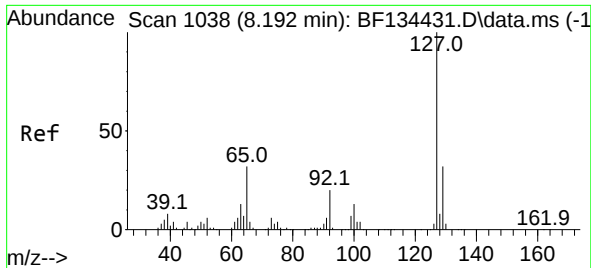
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



#32
Benzoic acid
Concen: 24.437 ng m
RT: 7.892 min Scan# 987
Delta R.T. 0.000 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55

Tgt Ion:122 Resp: 54459
Ion Ratio Lower Upper
122 100
105 132.0 87.5 127.5#
77 98.9 71.4 111.4





#33

4-Chloroaniline

Concen: 10.874 ng

RT: 8.180 min Scan# 1036

Delta R.T. -0.012 min

Lab File: BF134496.D

Acq: 26 Jul 2023 22:55

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:127 Resp: 52310

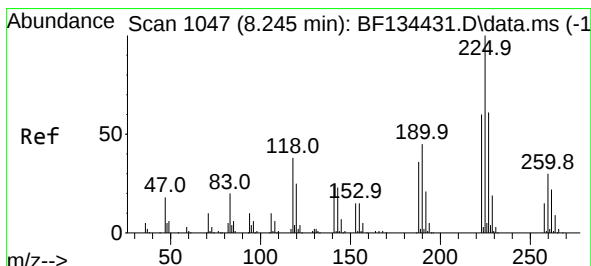
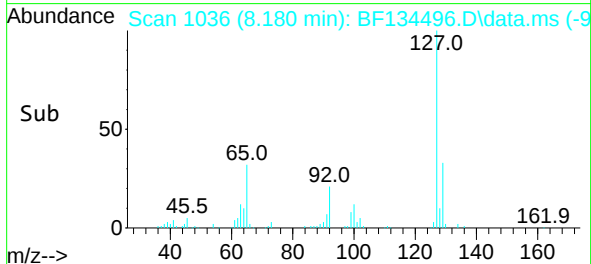
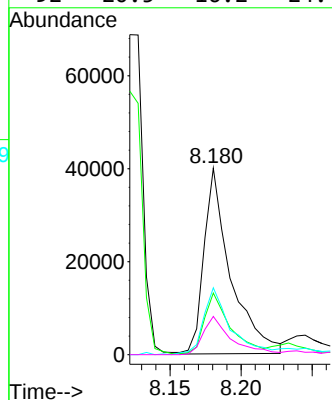
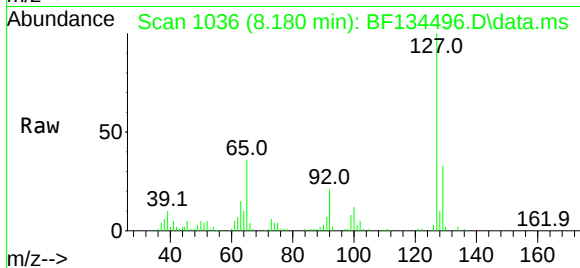
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.6	38.4
65	35.9	25.4	38.0
92	20.5	16.2	24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/27/2023

Supervised By :mohammad ahmed 07/27/2023



#34

Hexachlorobutadiene

Concen: 43.276 ng

RT: 8.233 min Scan# 1045

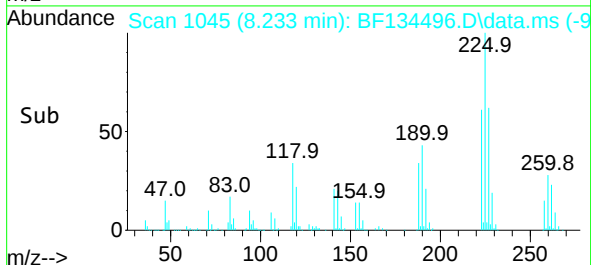
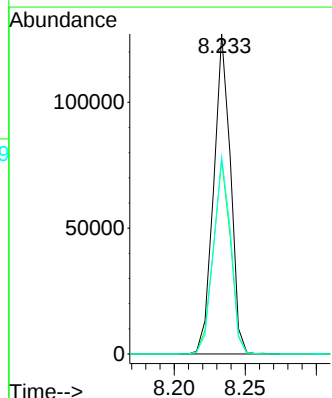
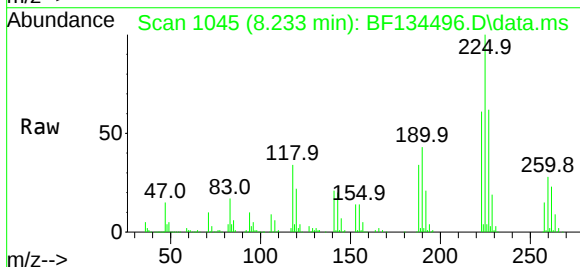
Delta R.T. -0.012 min

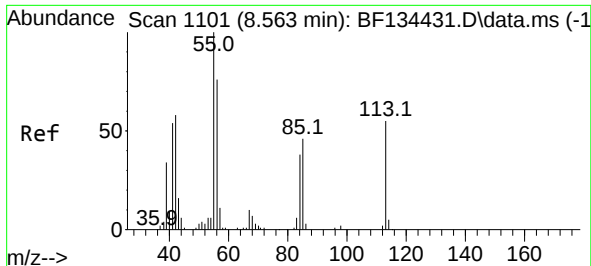
Lab File: BF134496.D

Acq: 26 Jul 2023 22:55

Tgt Ion:225 Resp: 104298

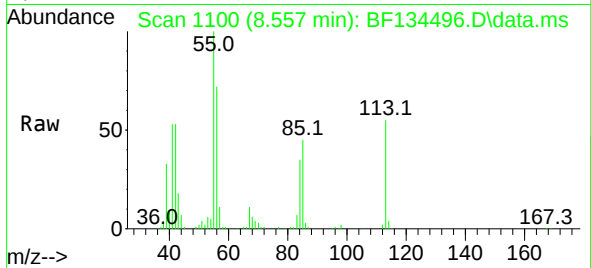
Ion	Ratio	Lower	Upper
225	100		
223	60.7	48.2	72.4
227	61.6	48.5	72.7





#35
Caprolactam
Concen: 38.833 ng
RT: 8.557 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55

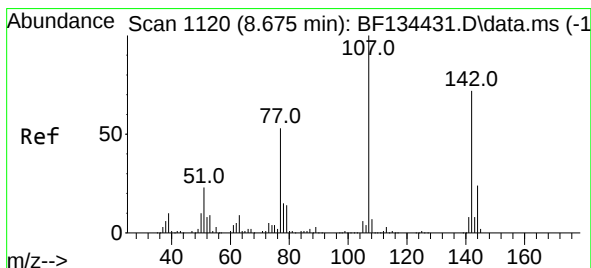
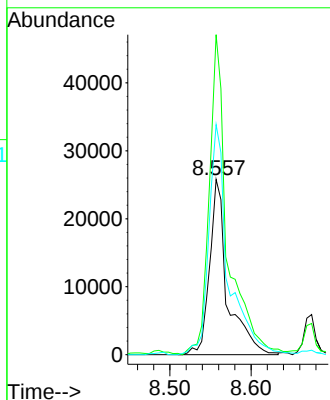
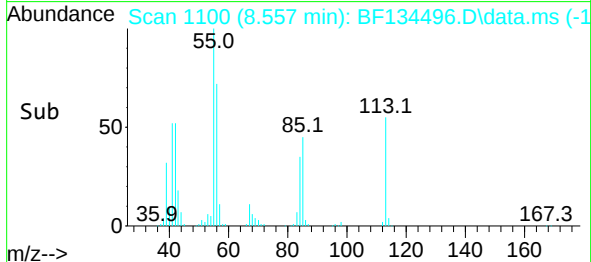
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:113 Resp: 39602
Ion Ratio Lower Upper
113 100
55 182.7 161.5 201.5
56 131.3 117.8 157.8

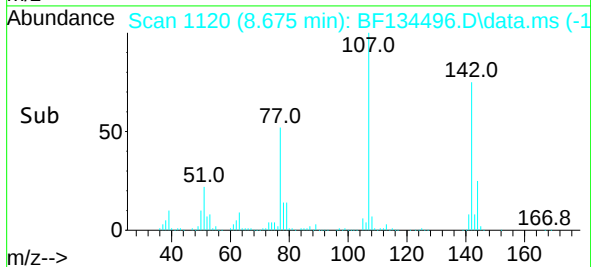
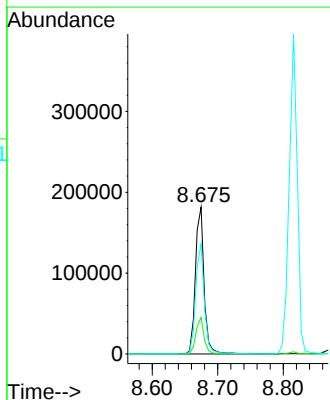
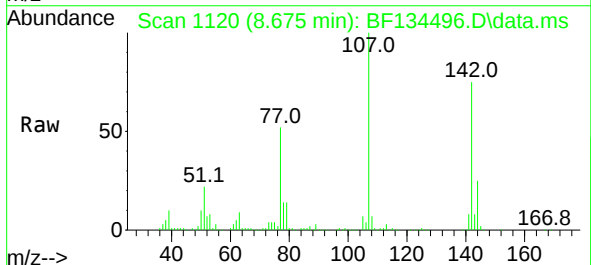
Manual Integrations
APPROVED

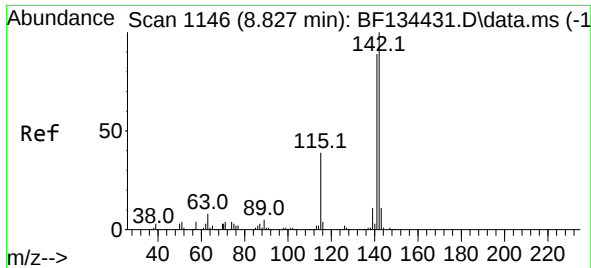
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



#36
4-Chloro-3-methylphenol
Concen: 43.717 ng
RT: 8.675 min Scan# 1120
Delta R.T. -0.000 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55

Tgt Ion:107 Resp: 168237
Ion Ratio Lower Upper
107 100
144 24.8 19.6 29.4
142 75.1 57.7 86.5





#37

2-Methylnaphthalene

Concen: 42.651 ng

RT: 8.816 min Scan# 1144

Delta R.T. -0.011 min

Lab File: BF134496.D

Acq: 26 Jul 2023 22:55

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:142 Resp: 34489

Ion Ratio Lower Upper

142 100

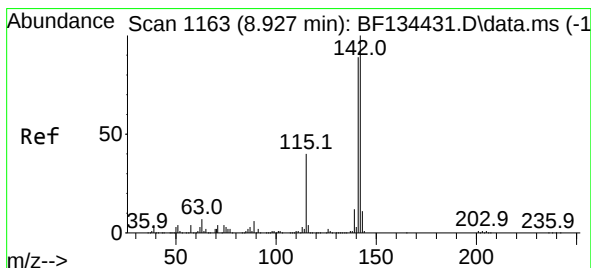
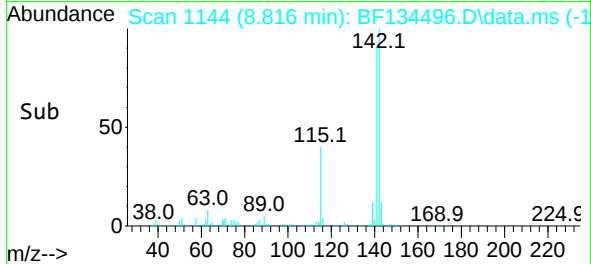
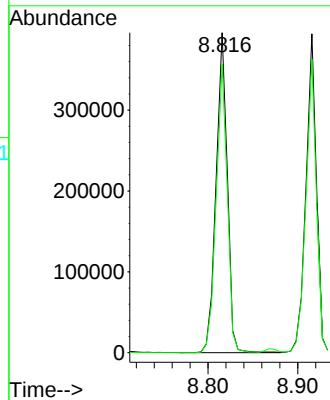
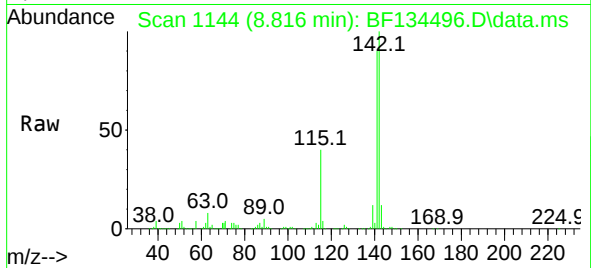
141 90.2 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/27/2023

Supervised By :mohammad ahmed 07/27/2023



#38

1-Methylnaphthalene

Concen: 42.760 ng

RT: 8.916 min Scan# 1161

Delta R.T. -0.011 min

Lab File: BF134496.D

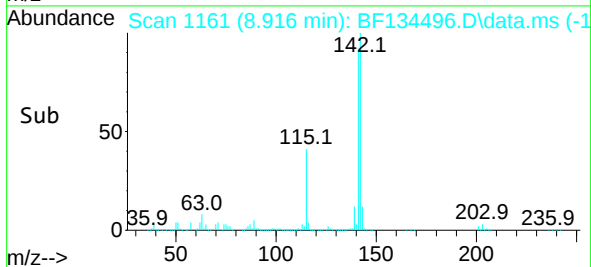
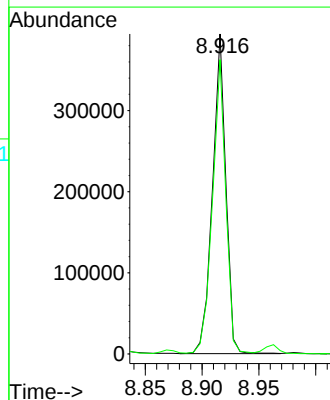
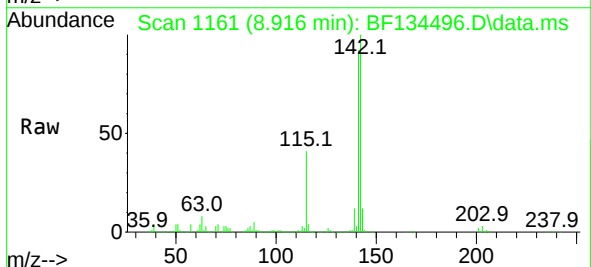
Acq: 26 Jul 2023 22:55

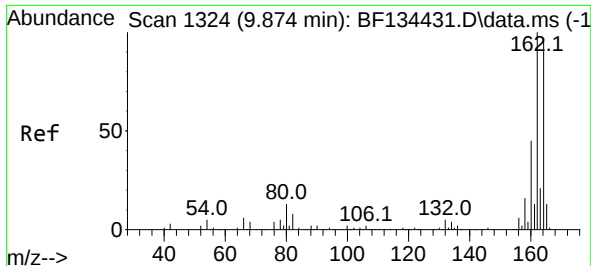
Tgt Ion:142 Resp: 320775

Ion Ratio Lower Upper

142 100

141 92.0 71.4 107.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1185

Delta R.T. -0.012 min

Lab File: BF134496.D

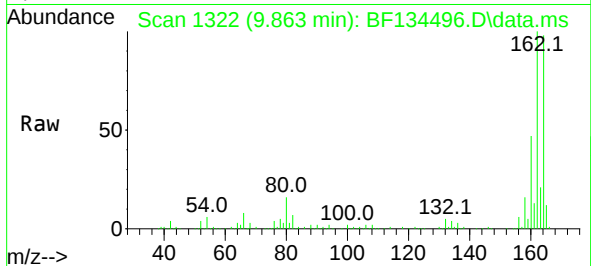
Acq: 26 Jul 2023 22:55

Instrument :

BNA_F

ClientSampleId :

TP-1MS



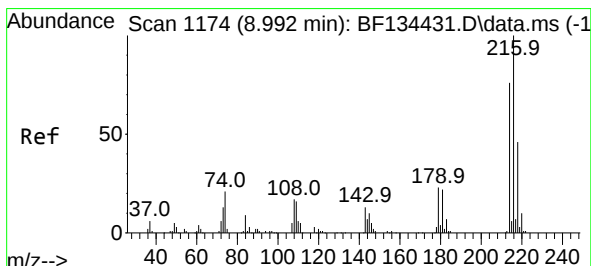
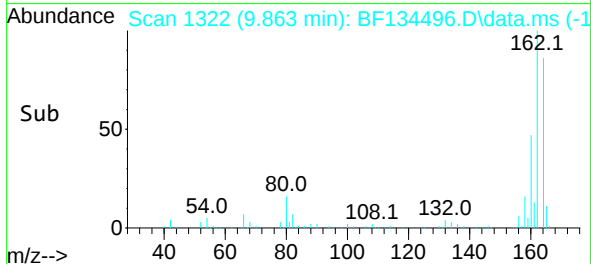
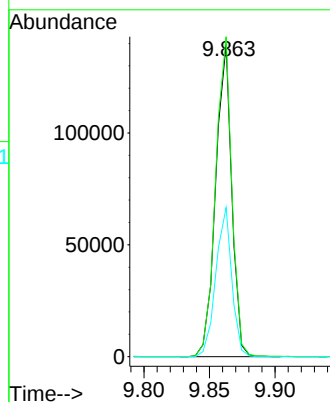
Tgt Ion:	164	Resp:	1185
Ion Ratio	100	Lower	Upper
164	100		
162	102.5	82.6	123.8
160	47.8	37.2	55.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/27/2023

Supervised By :mohammad ahmed 07/27/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.054 ng

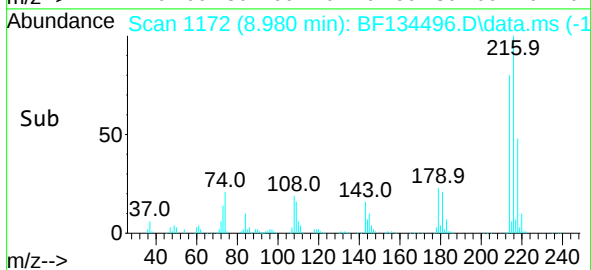
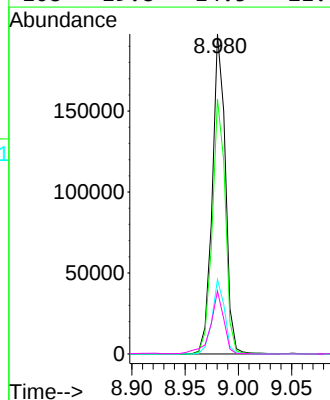
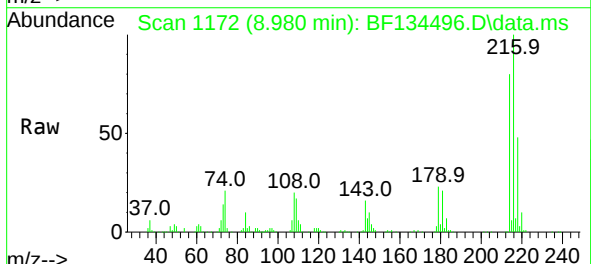
RT: 8.980 min Scan# 1172

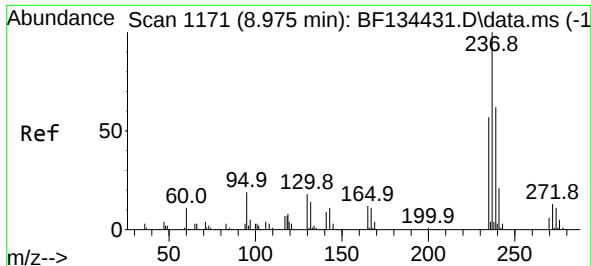
Delta R.T. -0.012 min

Lab File: BF134496.D

Acq: 26 Jul 2023 22:55

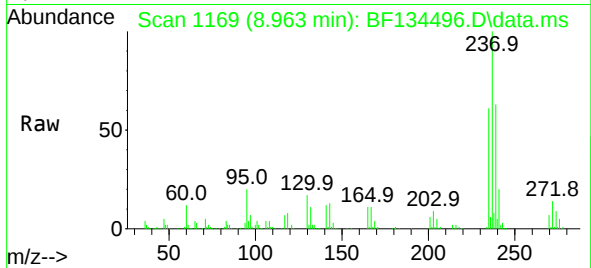
Tgt Ion:	216	Resp:	169704
Ion Ratio	100	Lower	Upper
216	100		
214	79.3	62.3	93.5
179	22.0	17.4	26.0
108	19.8	14.5	21.7





#41
Hexachlorocyclopentadiene
Concen: 62.306 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.012 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55

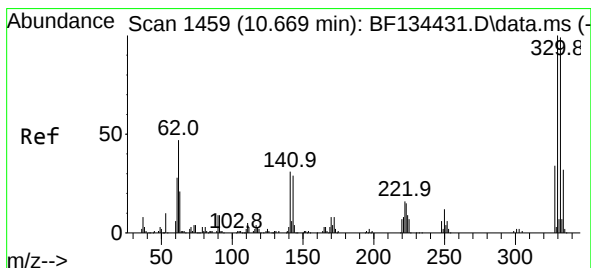
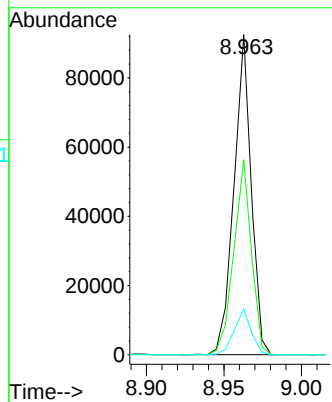
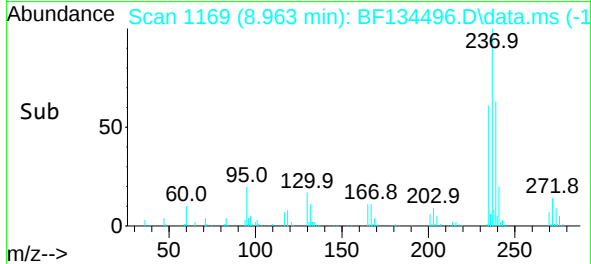
Instrument :
BNA_F
ClientSampleId :
TP-1MS



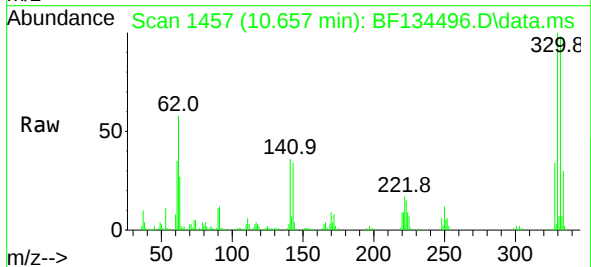
Tgt Ion:237 Resp: 71762
Ion Ratio Lower Upper
237 100
235 60.9 37.0 77.0
272 14.3 0.0 32.7

Manual Integrations
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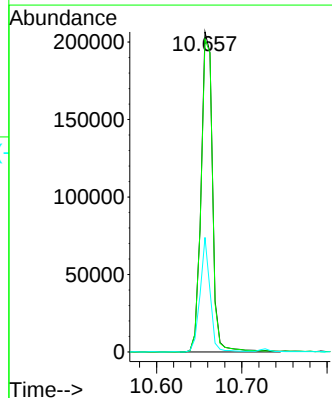
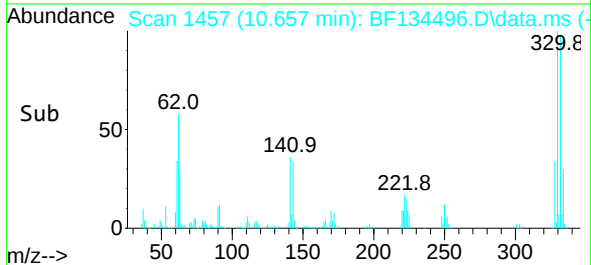
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

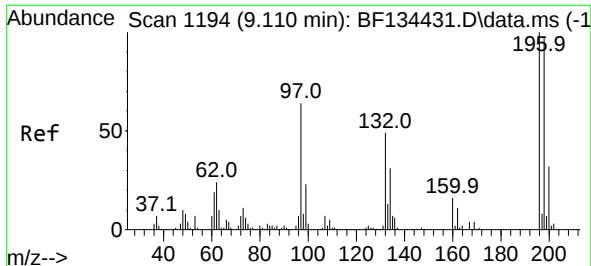


#42
2,4,6-Tribromophenol
Concen: 113.887 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.012 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55



Tgt Ion:330 Resp: 192329
Ion Ratio Lower Upper
330 100
332 98.6 78.8 118.2
141 31.3 25.4 38.2





#43

2,4,6-Trichlorophenol

Concen: 44.543 ng

RT: 9.104 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF134496.D

Acq: 26 Jul 2023 22:55

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:196 Resp: 10763

Ion Ratio Lower Upper

196 100

198 93.7 77.4 116.2

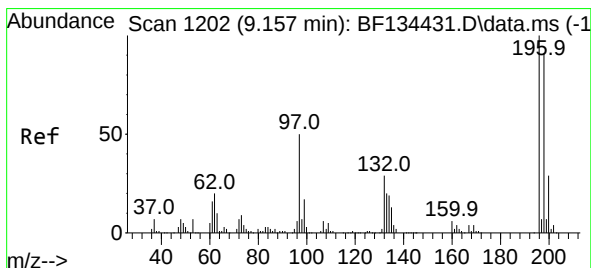
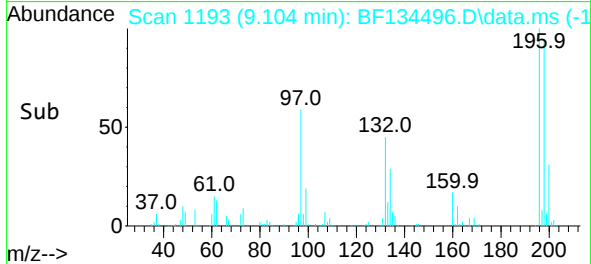
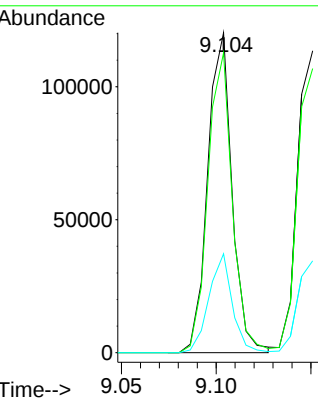
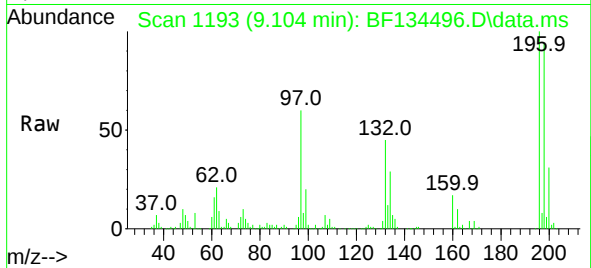
200 30.9 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/27/2023

Supervised By :mohammad ahmed 07/27/2023



#44

2,4,5-Trichlorophenol

Concen: 38.685 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF134496.D

Acq: 26 Jul 2023 22:55

Tgt Ion:196 Resp: 108909

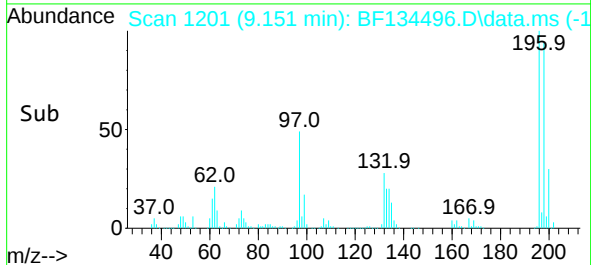
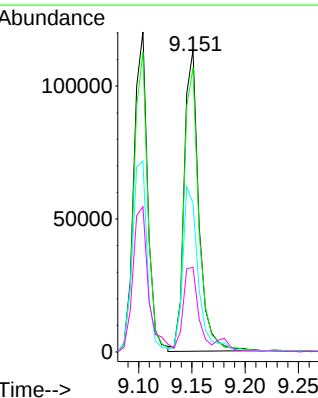
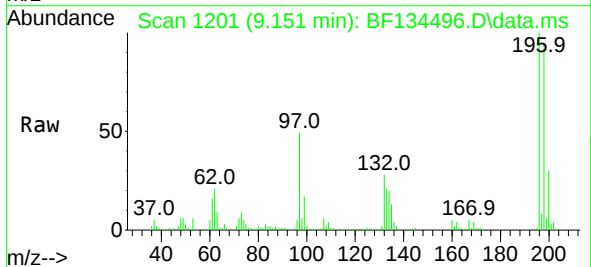
Ion Ratio Lower Upper

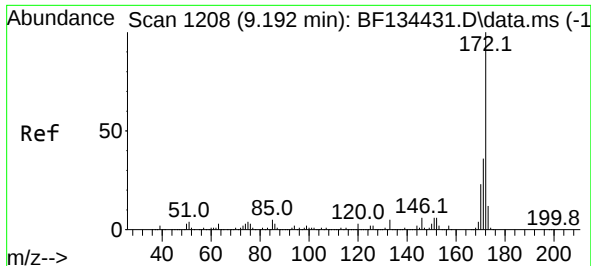
196 100

198 94.1 73.0 109.4

97 49.3 40.8 61.2

132 28.1 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 86.009 ng

RT: 9.180 min Scan# 1206

Delta R.T. -0.012 min

Lab File: BF134496.D

Acq: 26 Jul 2023 22:55

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:172 Resp: 77871

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

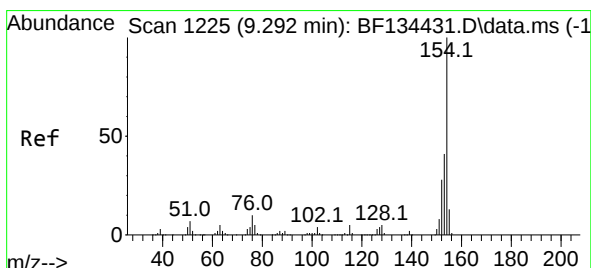
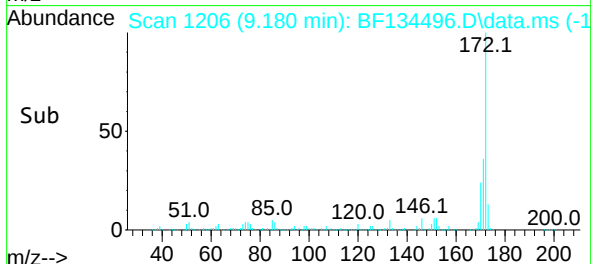
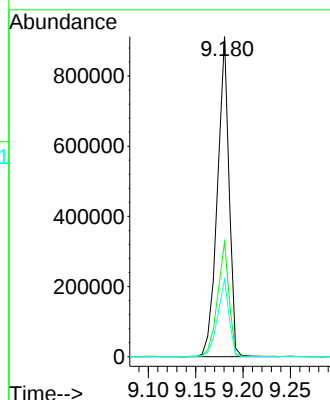
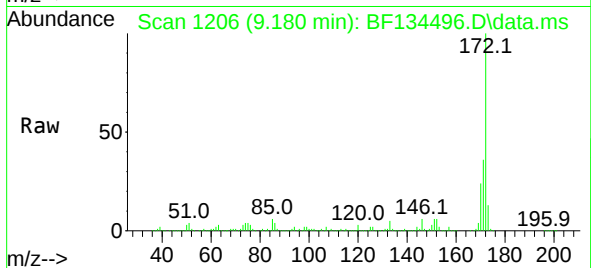
170 24.2 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/27/2023

Supervised By :mohammad ahmed 07/27/2023



#46

1,1'-Biphenyl

Concen: 45.475 ng

RT: 9.280 min Scan# 1223

Delta R.T. -0.012 min

Lab File: BF134496.D

Acq: 26 Jul 2023 22:55

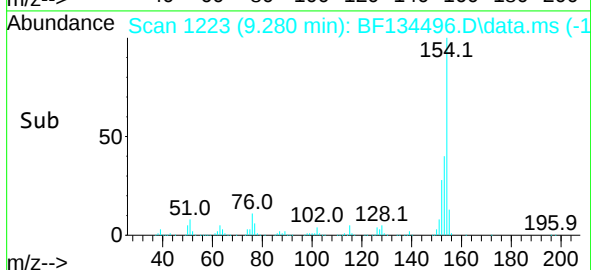
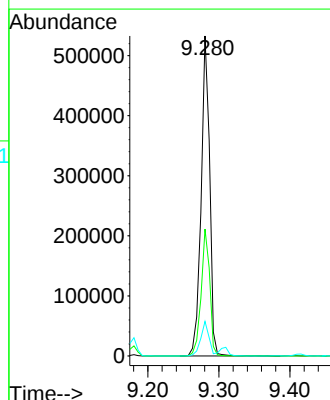
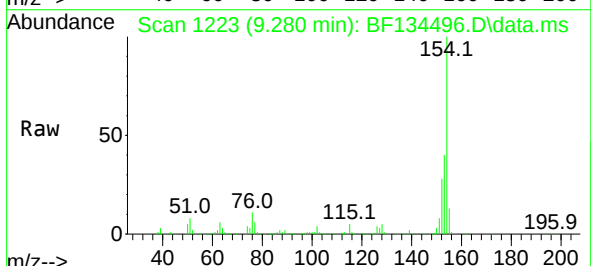
Tgt Ion:154 Resp: 445489

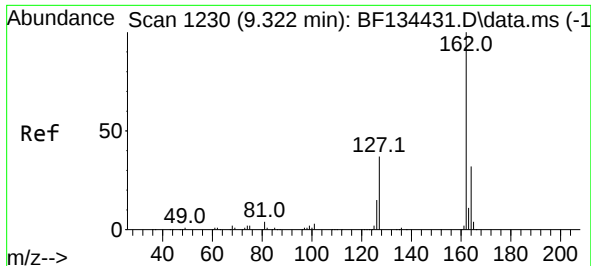
Ion Ratio Lower Upper

154 100

153 39.6 20.8 60.8

76 10.8 0.0 30.2





#47

2-Chloronaphthalene

Concen: 45.870 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.012 min

Lab File: BF134496.D

Acq: 26 Jul 2023 22:55

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:162 Resp: 331274

Ion Ratio Lower Upper

162 100

127 42.1 34.0 51.0

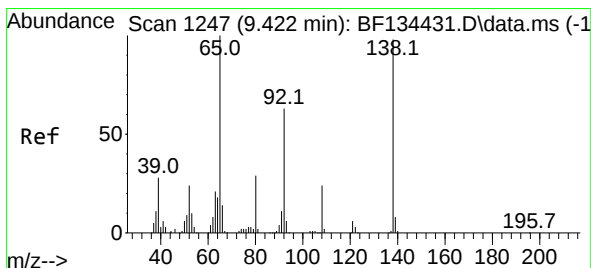
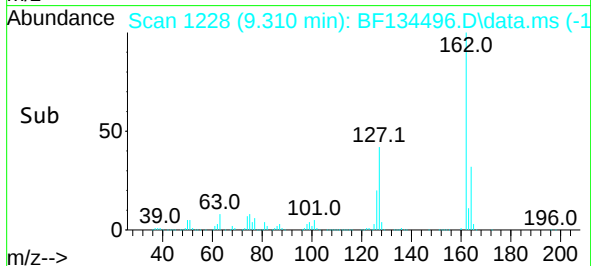
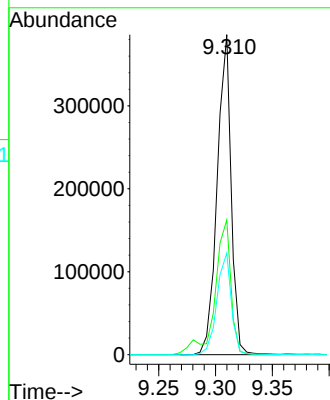
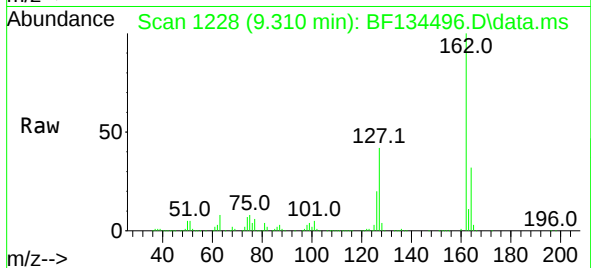
164 31.7 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/27/2023

Supervised By :mohammad ahmed 07/27/2023



#48

2-Nitroaniline

Concen: 47.280 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF134496.D

Acq: 26 Jul 2023 22:55

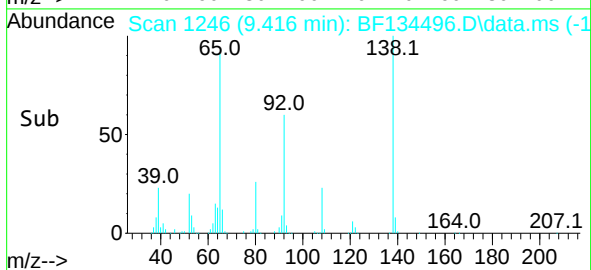
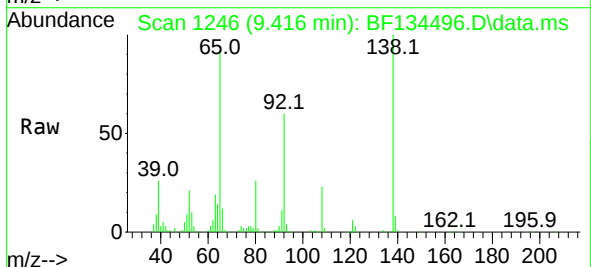
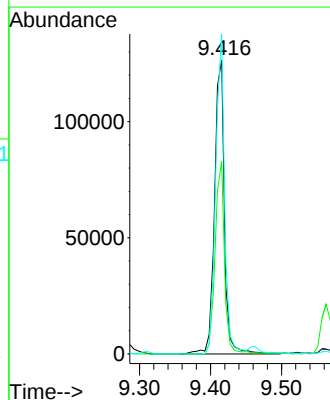
Tgt Ion: 65 Resp: 122974

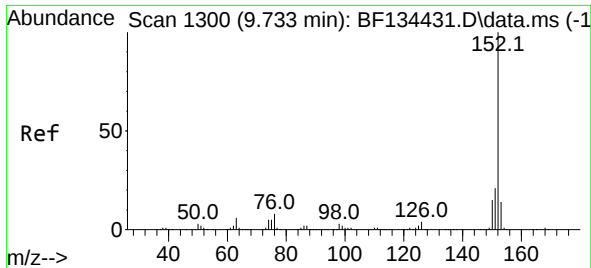
Ion Ratio Lower Upper

65 100

92 65.5 50.7 76.1

138 108.9 78.2 117.4





#49

Acenaphthylene

Concen: 44.341 ng

RT: 9.722 min Scan# 1298

Delta R.T. -0.011 min

Lab File: BF134496.D

Acq: 26 Jul 2023 22:55

Instrument :

BNA_F

ClientSampleId :

TP-1MS

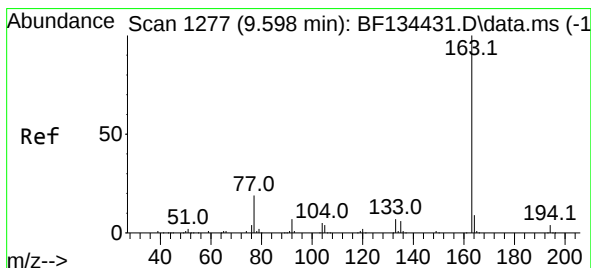
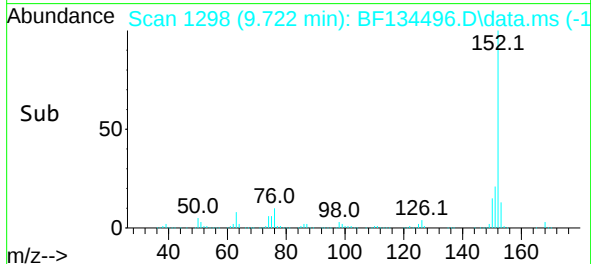
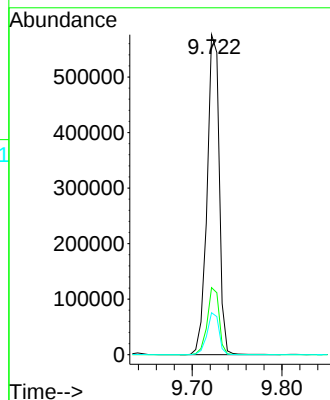
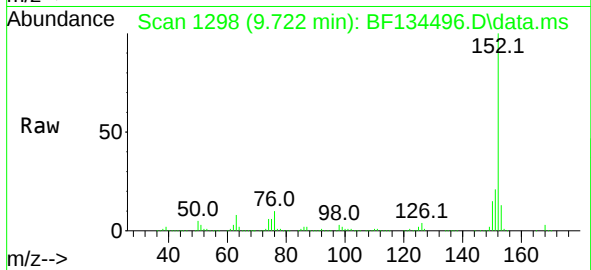
Tgt Ion:	152	Resp:	541004
Ion Ratio	Lower	Upper	
152	100		
151	21.0	16.4	24.6
153	13.1	10.9	16.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/27/2023

Supervised By :mohammad ahmed 07/27/2023



#50

Dimethylphthalate

Concen: 47.652 ng

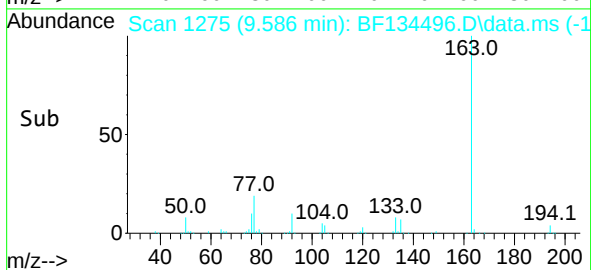
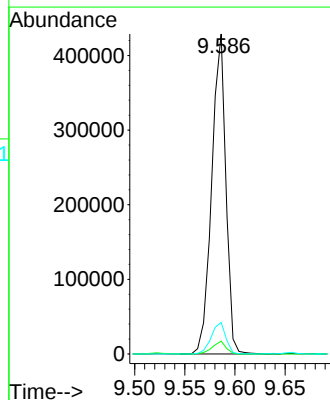
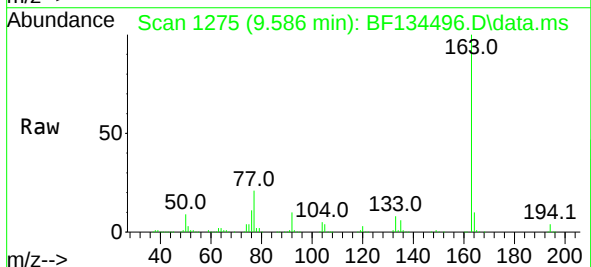
RT: 9.586 min Scan# 1275

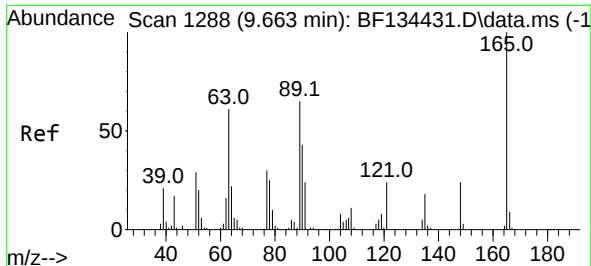
Delta R.T. -0.012 min

Lab File: BF134496.D

Acq: 26 Jul 2023 22:55

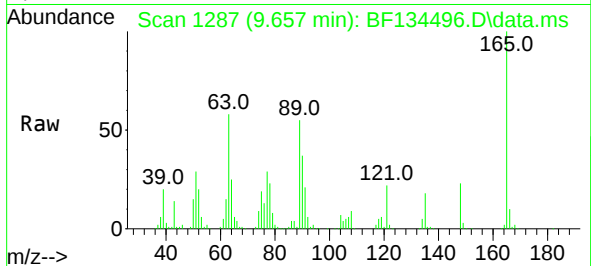
Tgt Ion:	163	Resp:	419863
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.3	4.9
164	9.8	7.5	11.3





#51
2,6-Dinitrotoluene
Concen: 42.544 ng
RT: 9.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55

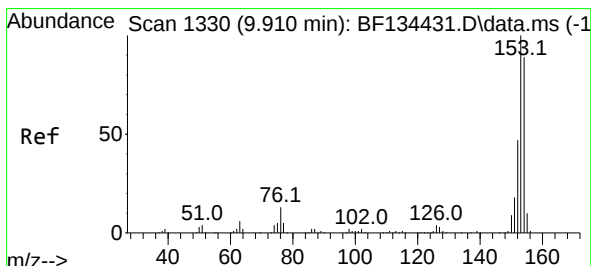
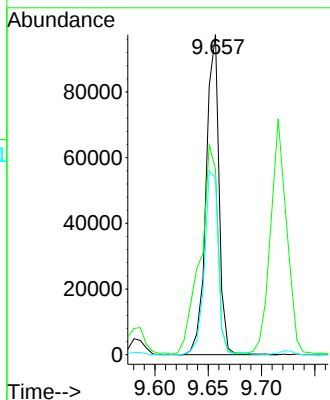
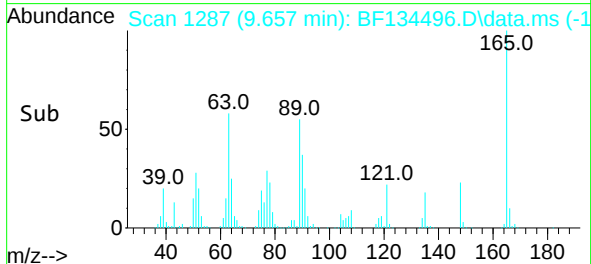
Instrument :
BNA_F
ClientSampleId :
TP-1MS



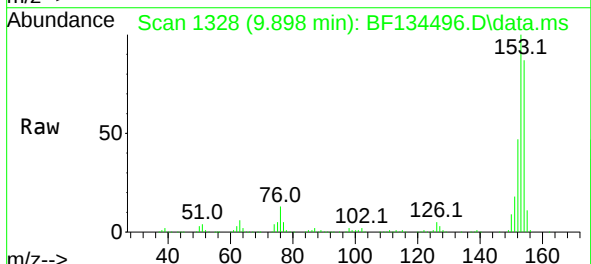
Tgt Ion:165 Resp: 82252
Ion Ratio Lower Upper
165 100
63 58.0 57.8 86.6
89 55.2 51.8 77.8

Manual Integrations
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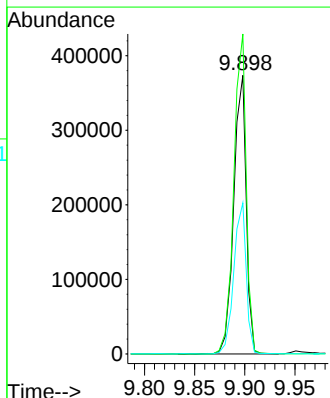
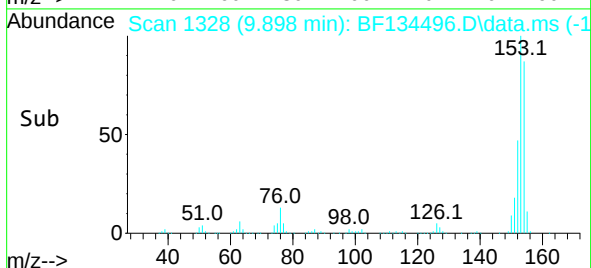
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

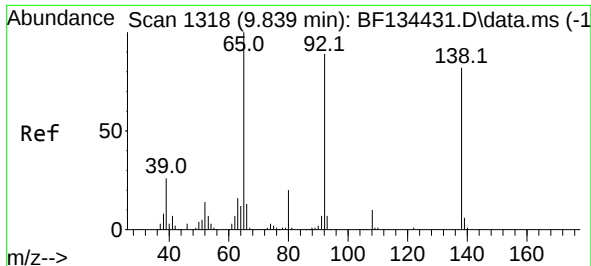


#52
Acenaphthene
Concen: 44.783 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55



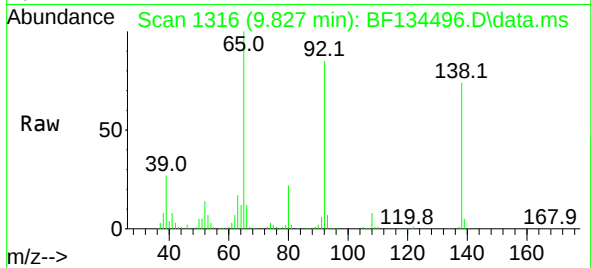
Tgt Ion:154 Resp: 322772
Ion Ratio Lower Upper
154 100
153 114.9 90.0 135.0
152 54.2 42.4 63.6





#53
3-Nitroaniline
Concen: 33.535 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55

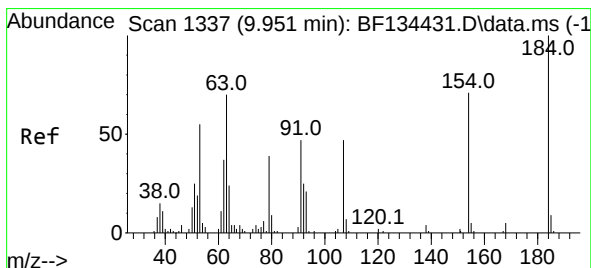
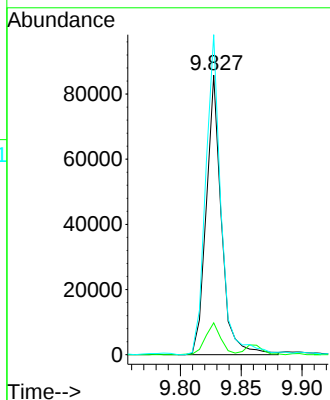
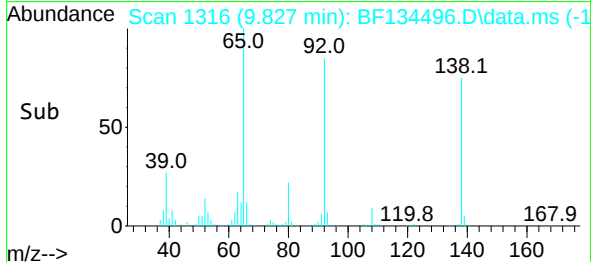
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:138 Resp: 7433
Ion Ratio Lower Upper
138 100
108 11.4 9.3 13.9
92 114.5 86.6 129.8

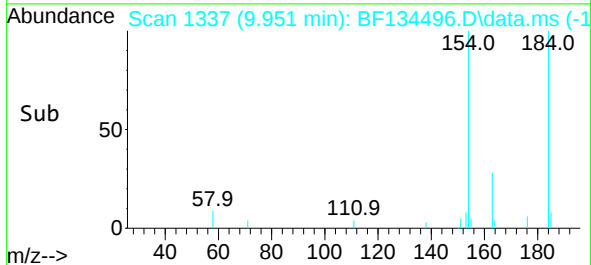
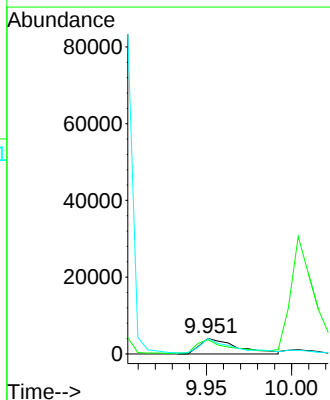
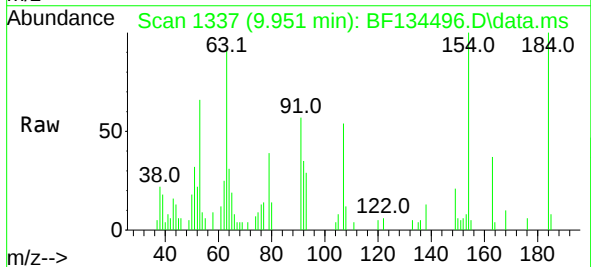
Manual Integrations
APPROVED

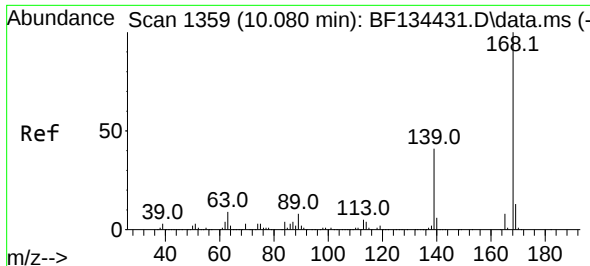
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



#54
2,4-Dinitrophenol
Concen: 12.118 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55

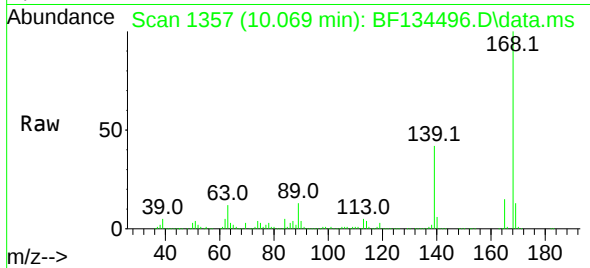
Tgt Ion:184 Resp: 6132
Ion Ratio Lower Upper
184 100
63 91.8 57.1 85.7#
154 99.5 59.1 88.7#





#55
Dibenzofuran
Concen: 44.295 ng
RT: 10.069 min Scan# 1359
Delta R.T. -0.011 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55

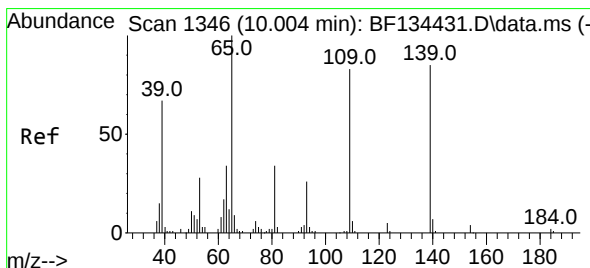
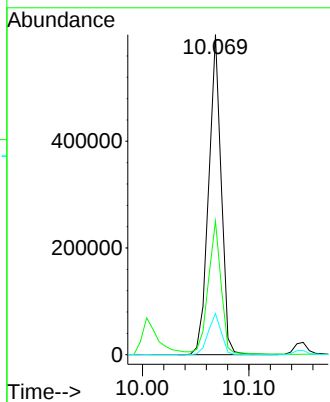
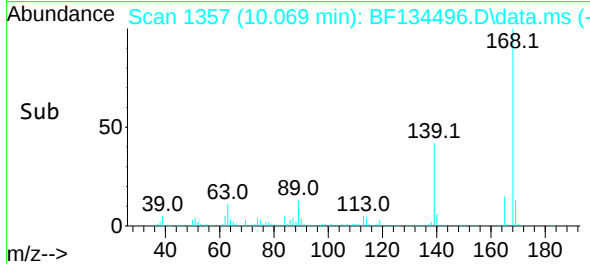
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:168 Resp: 491369
Ion Ratio Lower Upper
168 100
139 41.7 33.4 50.2
169 12.9 10.6 15.8

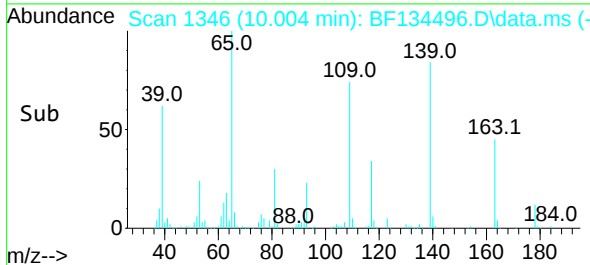
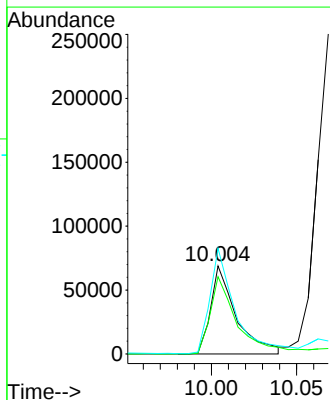
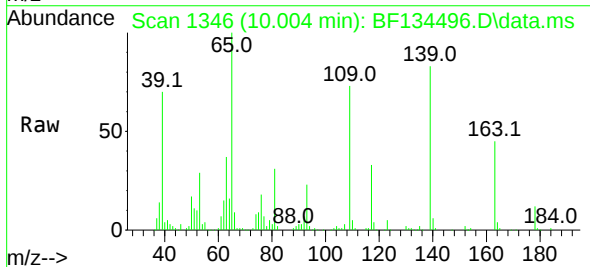
Manual Integrations
APPROVED

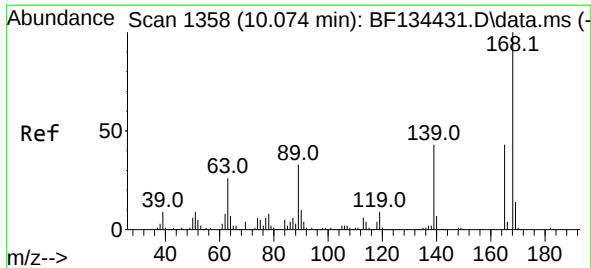
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



#56
4-Nitrophenol
Concen: 60.906 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.000 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55

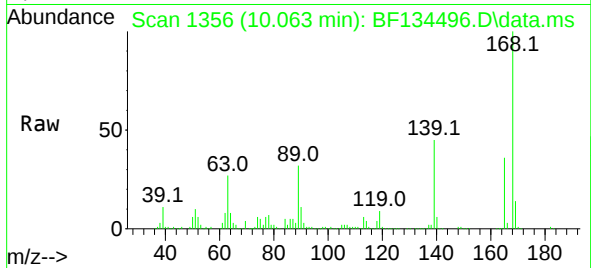
Tgt Ion:139 Resp: 71995
Ion Ratio Lower Upper
139 100
109 87.8 76.9 116.9
65 120.1 98.5 138.5





#57
2,4-Dinitrotoluene
Concen: 39.770 ng
RT: 10.063 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55

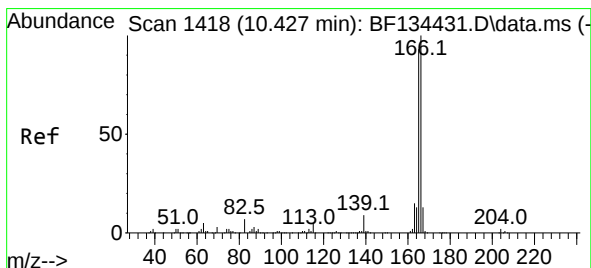
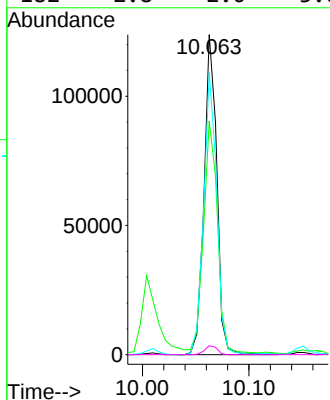
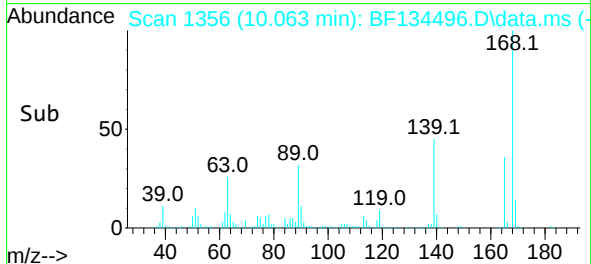
Instrument :
BNA_F
ClientSampleId :
TP-1MS



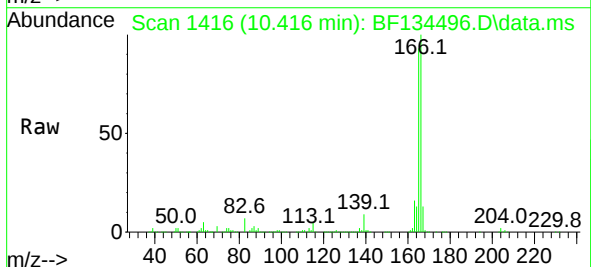
Tgt Ion:165 Resp: 103274
Ion Ratio Lower Upper
165 100
63 73.0 48.9 73.3
89 88.2 61.7 92.5
182 2.8 2.0 3.0

Manual Integrations
APPROVED

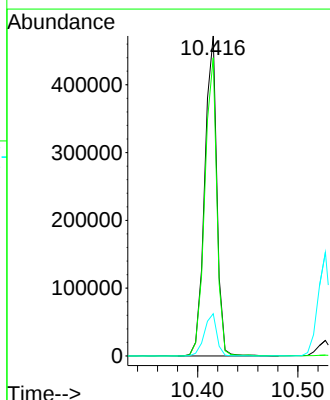
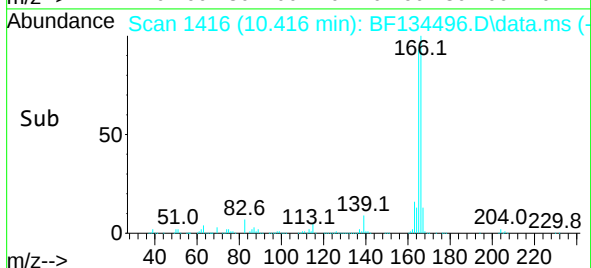
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

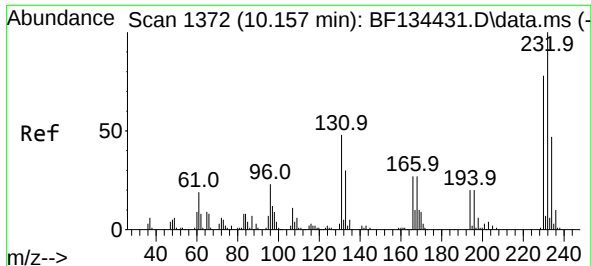


#58
Fluorene
Concen: 44.766 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.011 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55



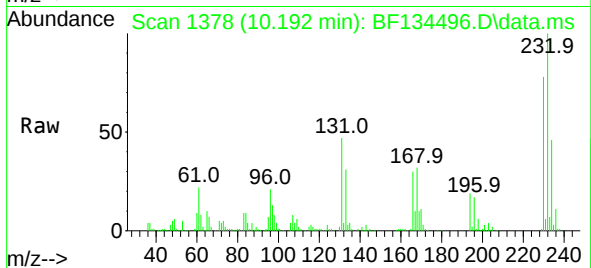
Tgt Ion:166 Resp: 400614
Ion Ratio Lower Upper
166 100
165 93.2 74.5 111.7
167 13.2 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.328 ng
RT: 10.192 min Scan# 1378
Delta R.T. -0.012 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55

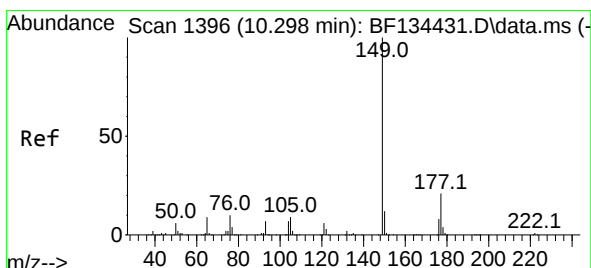
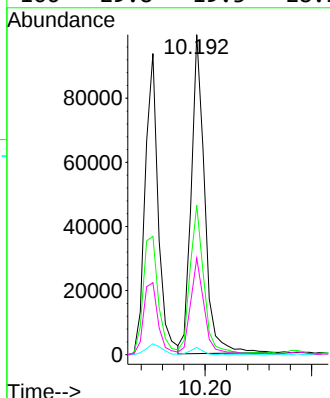
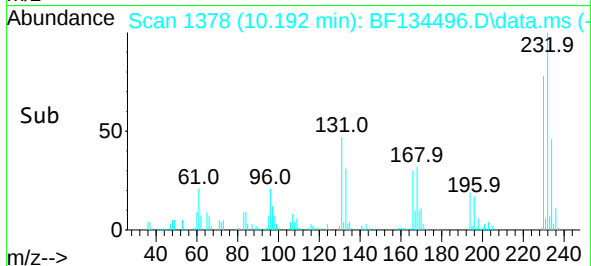
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:232 Resp: 87230
Ion Ratio Lower Upper
232 100
131 46.8 33.4 50.0
130 2.1 1.8 2.6
166 29.8 19.3 28.9#

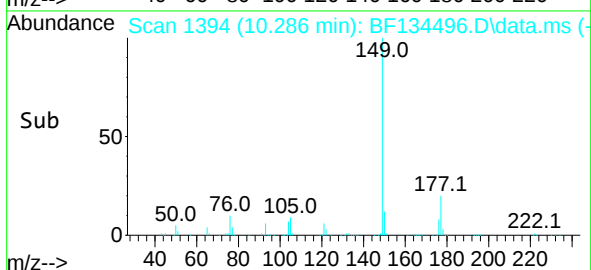
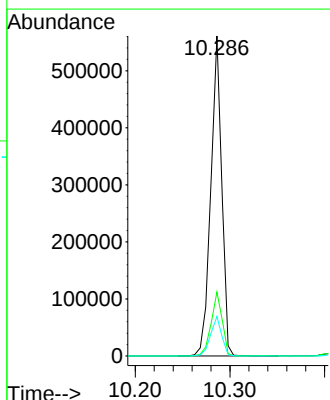
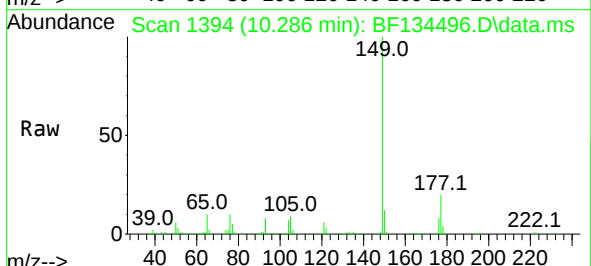
Manual Integrations
APPROVED

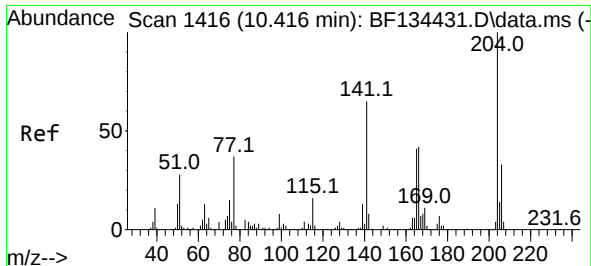
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



#60
Diethylphthalate
Concen: 49.114 ng
RT: 10.286 min Scan# 1394
Delta R.T. -0.012 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55

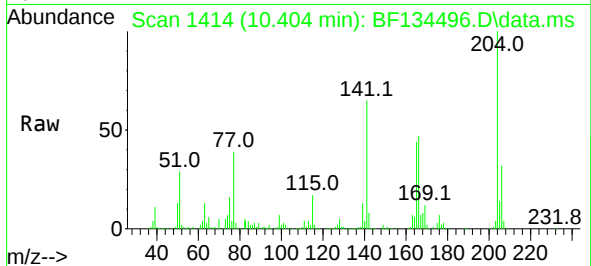
Tgt Ion:149 Resp: 448033
Ion Ratio Lower Upper
149 100
177 20.0 17.0 25.4
150 12.3 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 46.407 ng
RT: 10.404 min Scan# 1416
Delta R.T. -0.012 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55

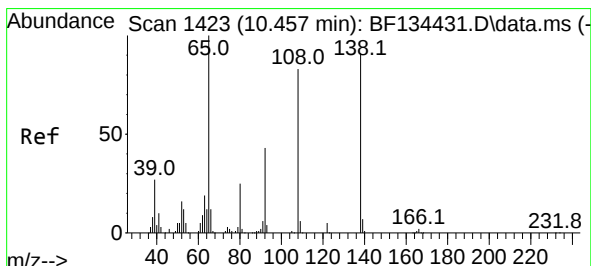
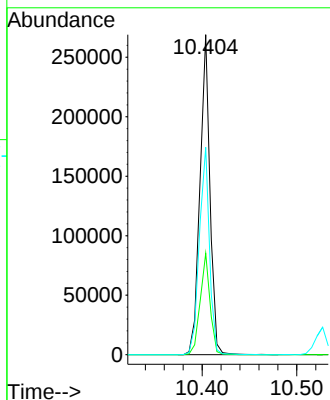
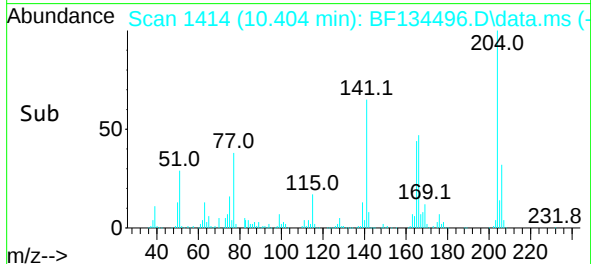
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:204 Resp: 19838
Ion Ratio Lower Upper
204 100
206 31.7 26.0 39.0
141 64.8 52.2 78.4

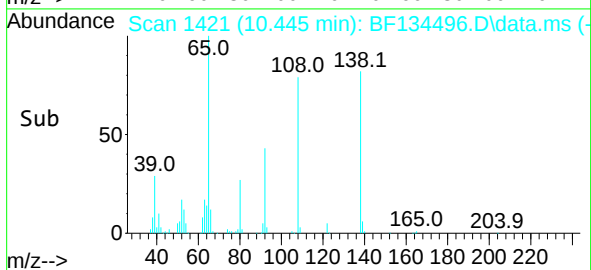
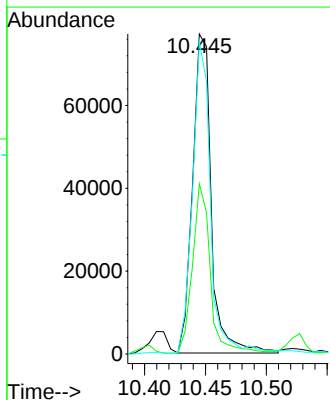
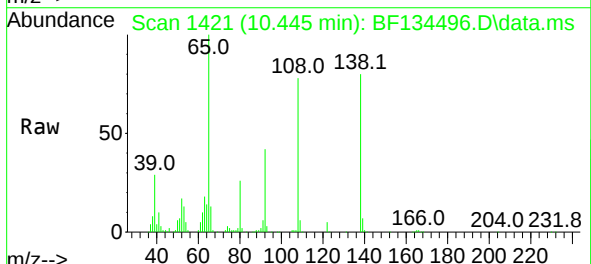
Manual Integrations
APPROVED

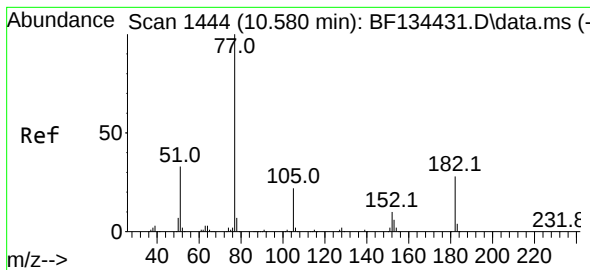
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



#62
4-Nitroaniline
Concen: 36.296 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55

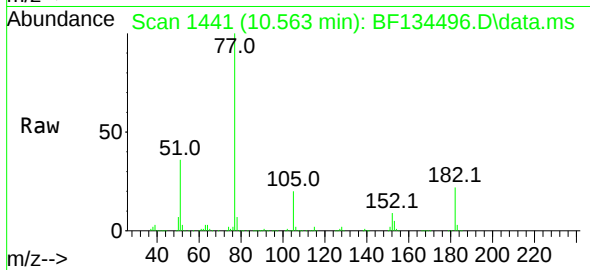
Tgt Ion:138 Resp: 82543
Ion Ratio Lower Upper
138 100
92 53.2 27.0 67.0
108 97.7 70.4 110.4





#63
Azobenzene
Concen: 46.346 ng
RT: 10.563 min Scan# 1444
Delta R.T. -0.018 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55

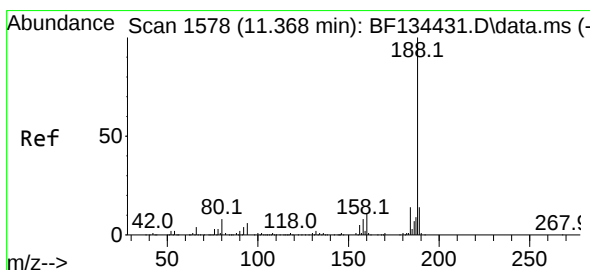
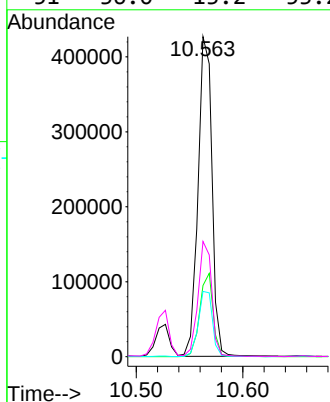
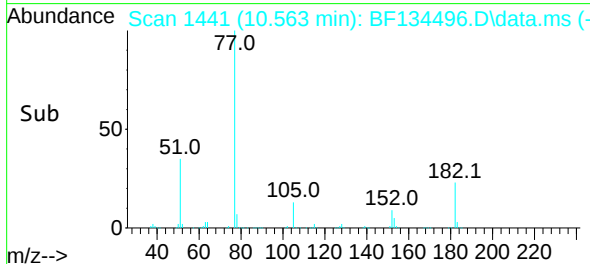
Instrument :
BNA_F
ClientSampleId :
TP-1MS



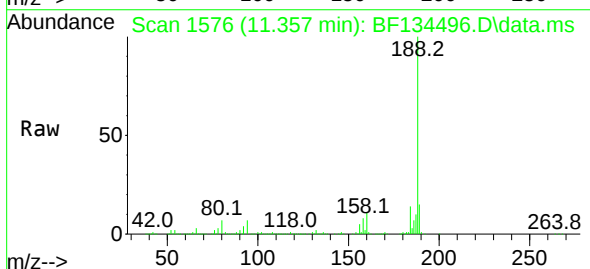
Tgt Ion: 77 Resp: 389152
Ion Ratio Lower Upper
77 100
182 22.3 7.5 47.5
105 20.4 1.9 41.9
51 36.0 13.2 53.2

Manual Integrations
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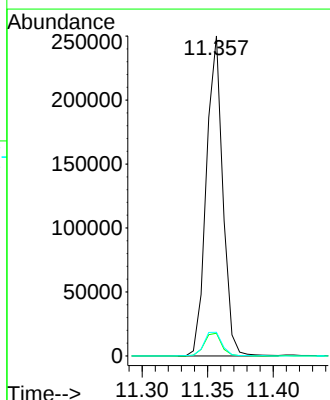
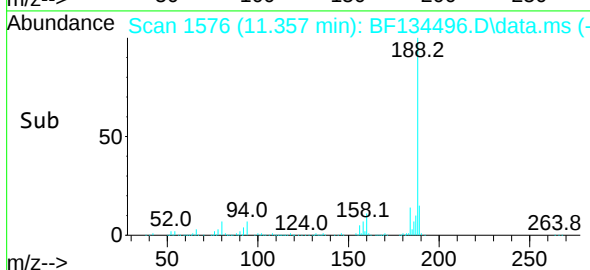
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

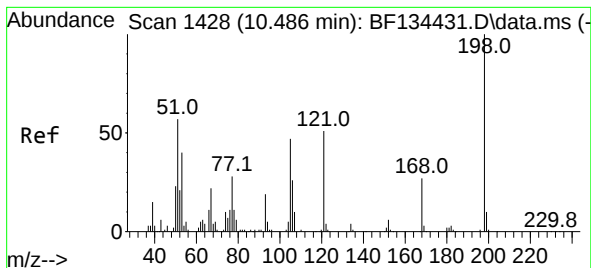


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55



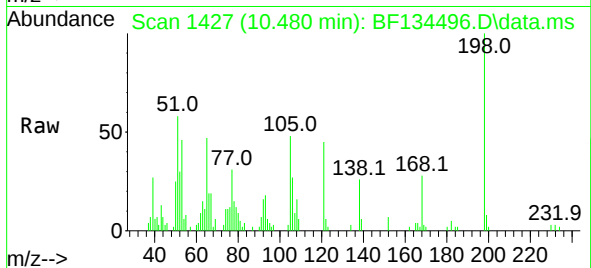
Tgt Ion:188 Resp: 217962
Ion Ratio Lower Upper
188 100
94 7.1 5.1 7.7
80 7.4 6.6 9.8





#65
4,6-Dinitro-2-methylphenol
Concen: 6.400 ng
RT: 10.480 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55

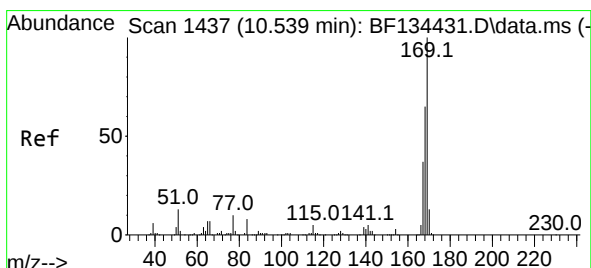
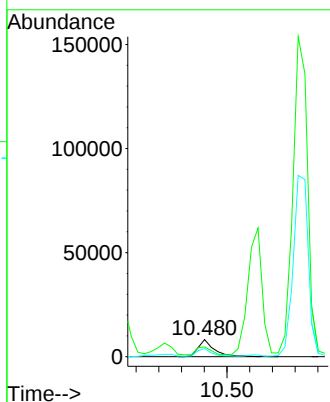
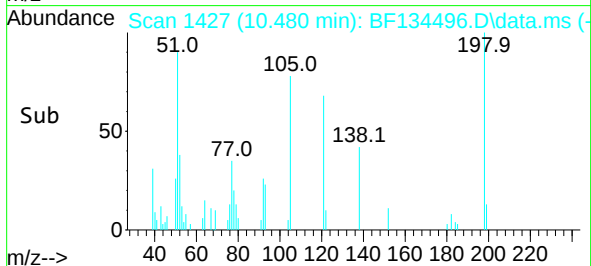
Instrument :
BNA_F
ClientSampleId :
TP-1MS



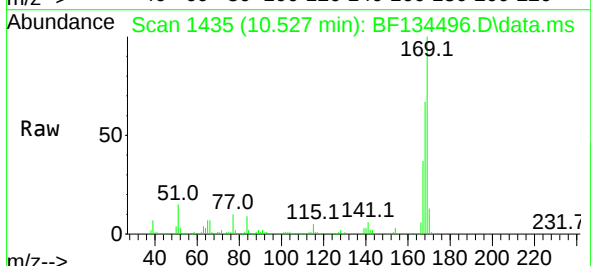
Tgt Ion:198 Resp: 8002
Ion Ratio Lower Upper
198 100
51 57.7 38.6 78.6
105 48.3 27.9 67.9

Manual Integrations
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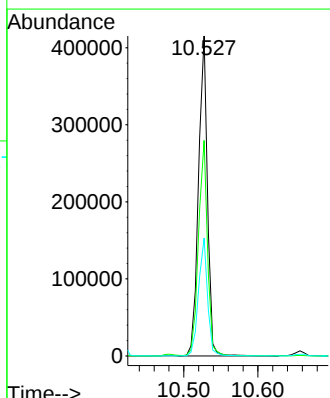
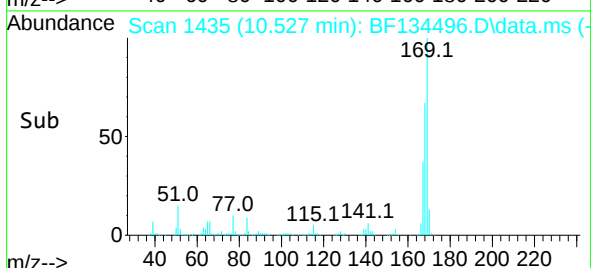
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

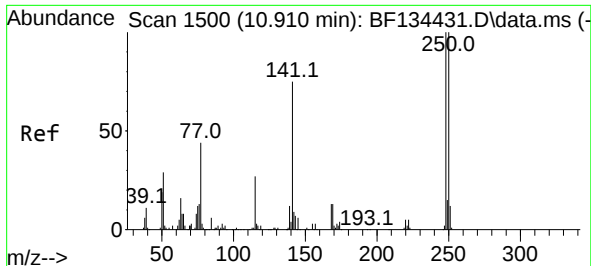


#66
n-Nitrosodiphenylamine
Concen: 50.205 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.012 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55



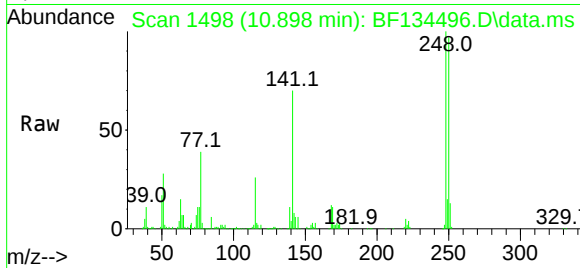
Tgt Ion:169 Resp: 348151
Ion Ratio Lower Upper
169 100
168 67.3 52.6 78.8
167 36.8 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 51.091 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.012 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55

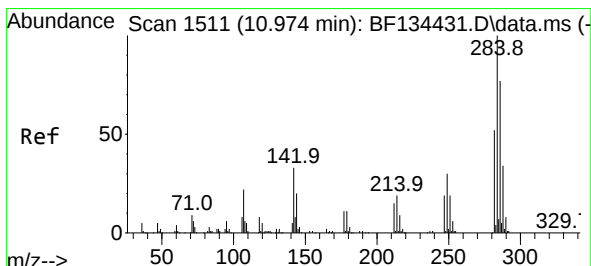
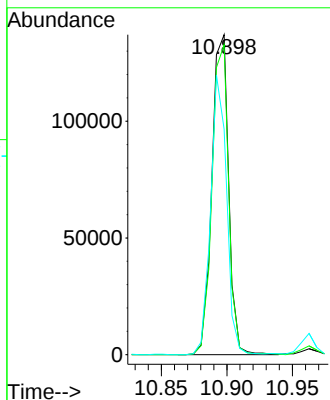
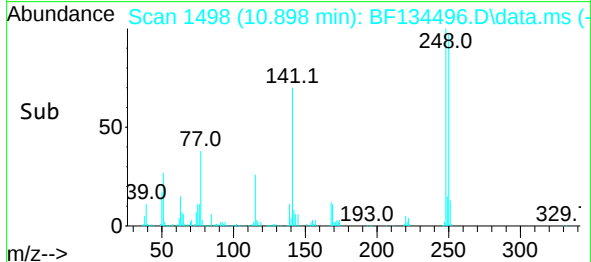
Instrument :
BNA_F
ClientSampleId :
TP-1MS



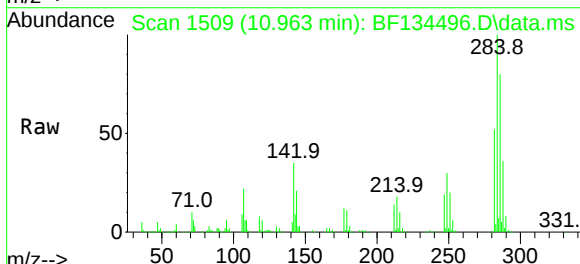
Tgt Ion:248 Resp: 12201
Ion Ratio Lower Upper
248 100
250 96.9 79.6 119.4
141 70.4 59.6 89.4

Manual Integrations
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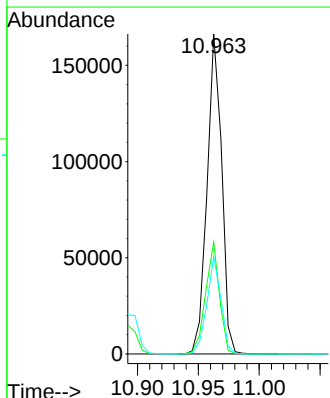
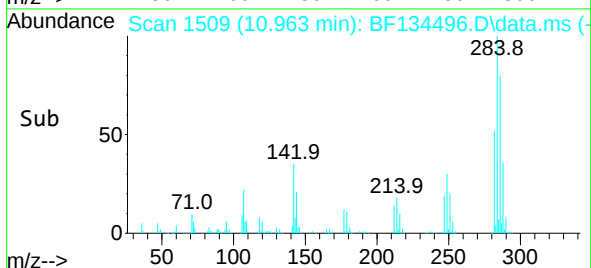
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

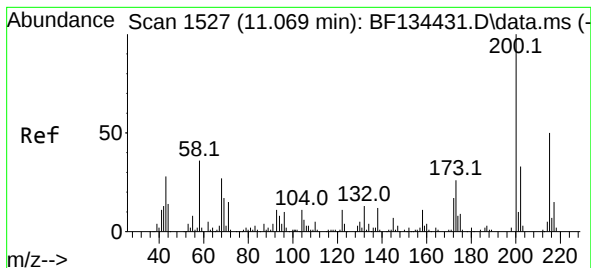


#68
Hexachlorobenzene
Concen: 51.502 ng
RT: 10.963 min Scan# 1509
Delta R.T. -0.012 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55



Tgt Ion:284 Resp: 138499
Ion Ratio Lower Upper
284 100
142 34.9 26.5 39.7
249 30.4 23.8 35.8





#69

Atrazine

Concen: 58.346 ng

RT: 11.057 min Scan# 112800

Delta R.T. -0.012 min

Lab File: BF134496.D

Acq: 26 Jul 2023 22:55

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:200 Resp: 112800

Ion Ratio Lower Upper

200 100

173 25.5 6.1 46.1

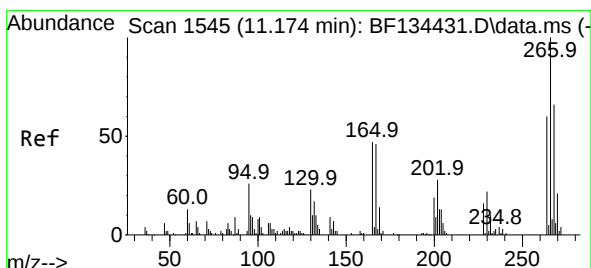
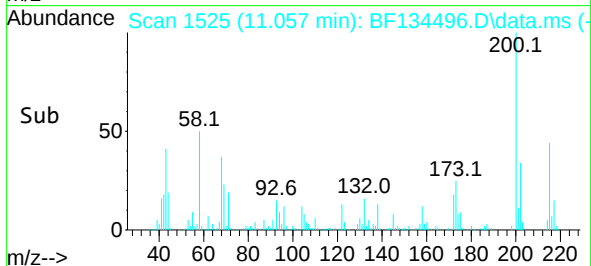
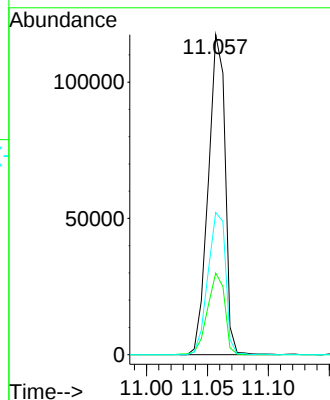
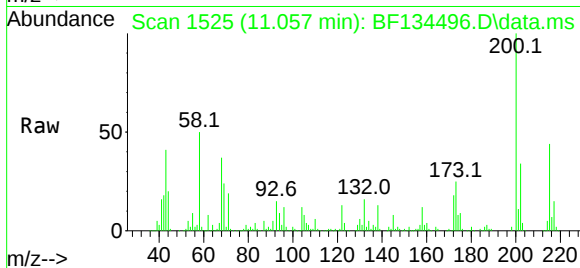
215 44.5 29.7 69.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/27/2023

Supervised By :mohammad ahmed 07/27/2023



#70

Pentachlorophenol

Concen: 65.894 ng

RT: 11.163 min Scan# 1543

Delta R.T. -0.011 min

Lab File: BF134496.D

Acq: 26 Jul 2023 22:55

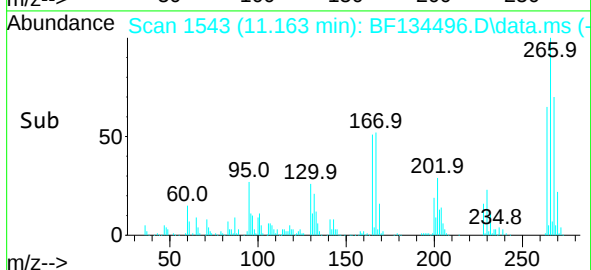
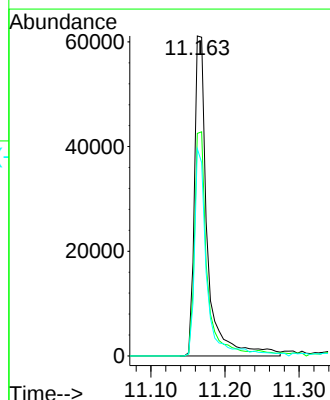
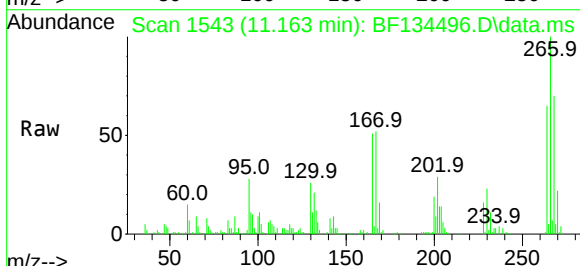
Tgt Ion:266 Resp: 74365

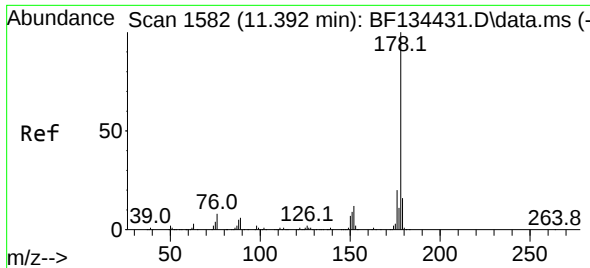
Ion Ratio Lower Upper

266 100

268 69.6 52.9 79.3

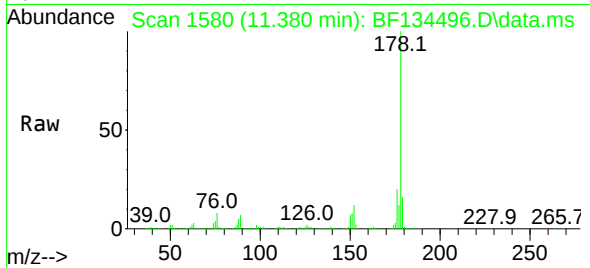
264 64.7 47.8 71.6





#71
Phenanthrene
Concen: 46.013 ng
RT: 11.380 min Scan# 11380
Delta R.T. -0.012 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55

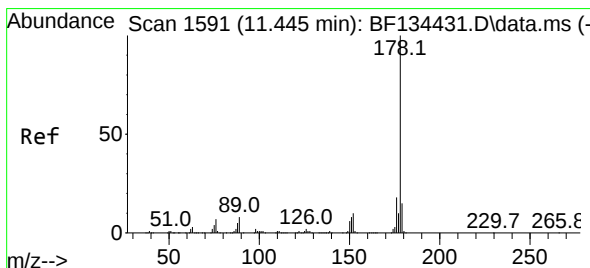
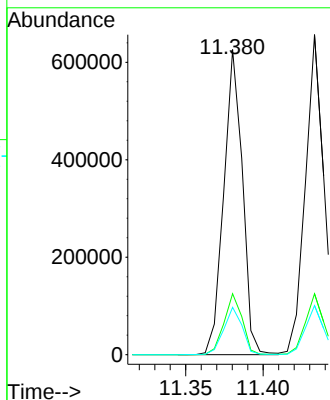
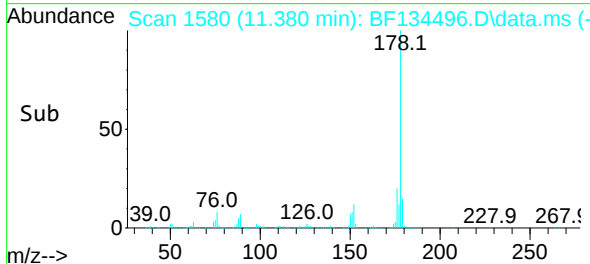
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:178 Resp: 524004
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.6
179 15.5 12.7 19.1

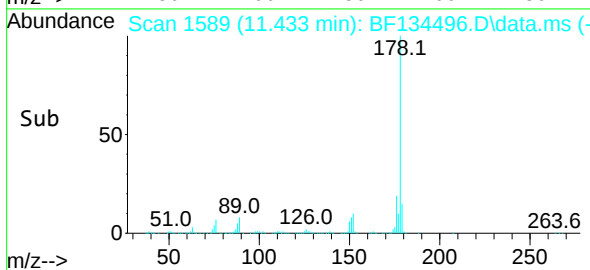
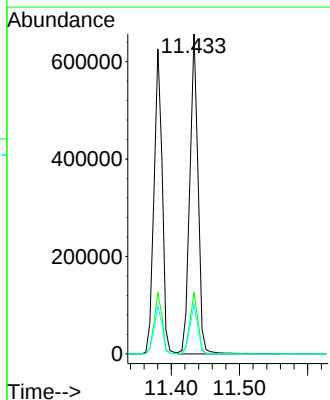
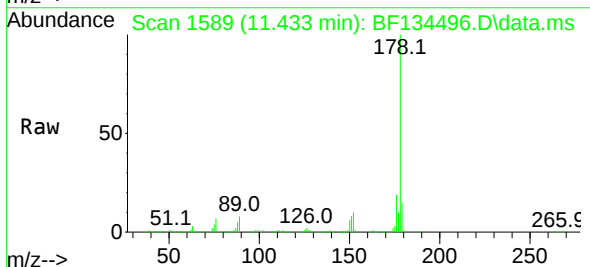
Manual Integrations
APPROVED

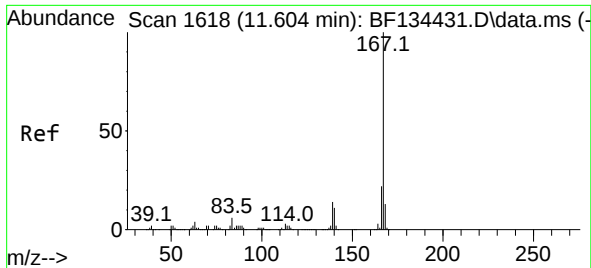
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



#72
Anthracene
Concen: 46.453 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55

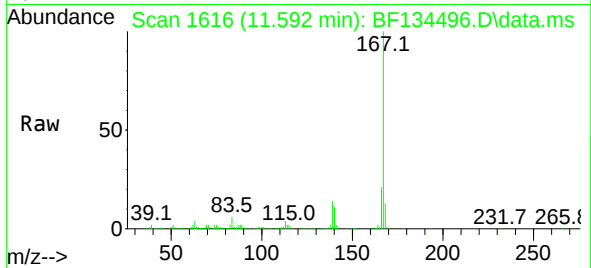
Tgt Ion:178 Resp: 546003
Ion Ratio Lower Upper
178 100
176 19.0 14.6 21.8
179 15.4 12.3 18.5





#73
 Carbazole
 Concen: 42.441 ng
 RT: 11.592 min Scan# 1616
 Delta R.T. -0.012 min
 Lab File: BF134496.D
 Acq: 26 Jul 2023 22:55

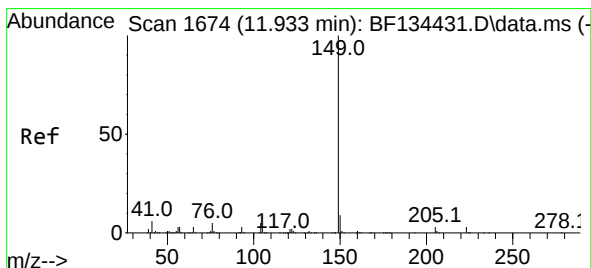
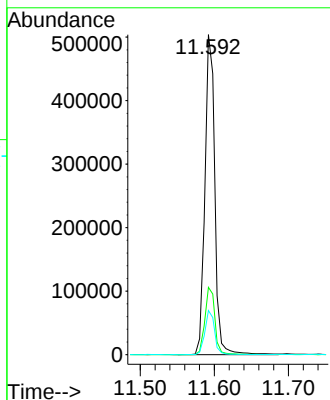
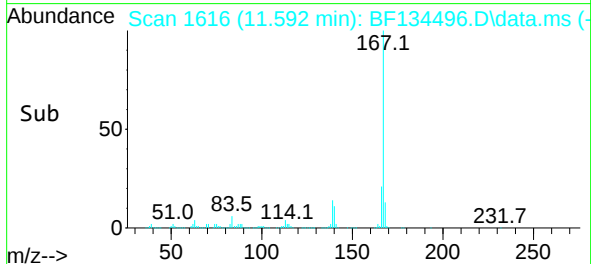
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS



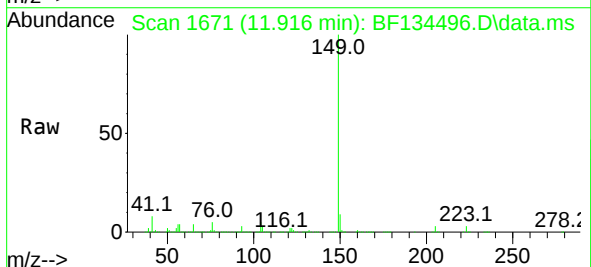
Tgt Ion:167 Resp: 46974
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.5 26.3
 139 13.8 11.0 16.4

Manual Integrations
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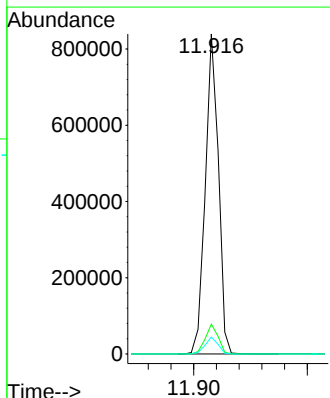
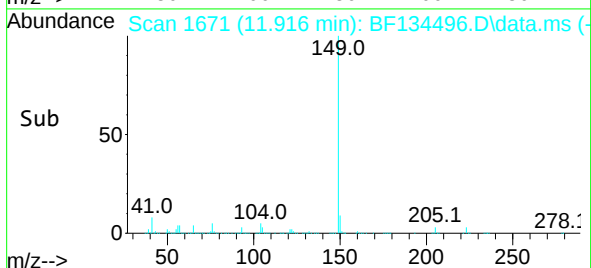
Reviewed By :Yogesh Patel 07/27/2023
 Supervised By :mohammad ahmed 07/27/2023

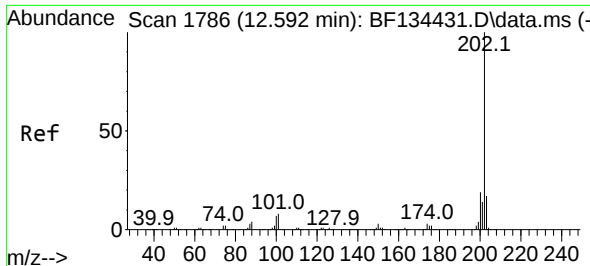


#74
 Di-n-butylphthalate
 Concen: 52.774 ng
 RT: 11.916 min Scan# 1671
 Delta R.T. -0.018 min
 Lab File: BF134496.D
 Acq: 26 Jul 2023 22:55



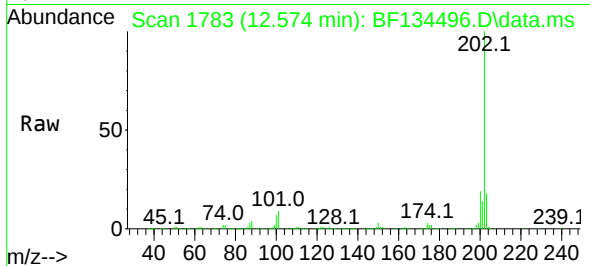
Tgt Ion:149 Resp: 670526
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.2 10.8
 104 5.3 3.8 5.8





#75
Fluoranthene
Concen: 38.184 ng
RT: 12.574 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55

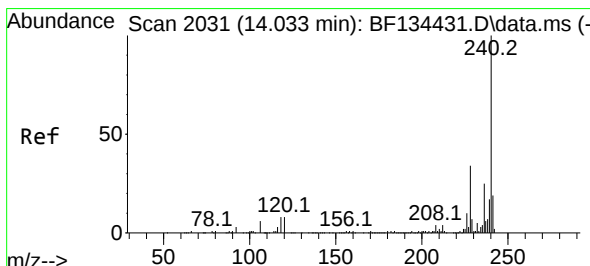
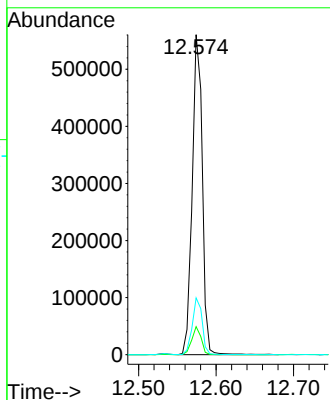
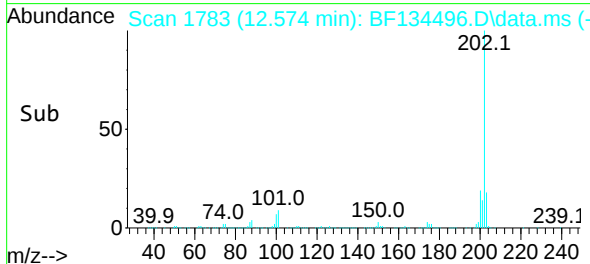
Instrument :
BNA_F
ClientSampleId :
TP-1MS



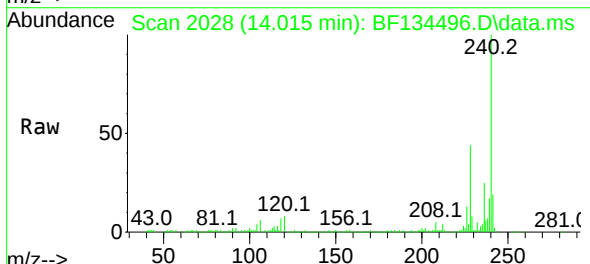
Tgt Ion:202 Resp: 506794
Ion Ratio Lower Upper
202 100
101 8.8 0.0 28.5
203 17.8 0.0 37.5

Manual Integrations
APPROVED

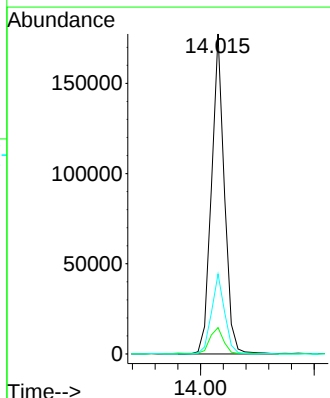
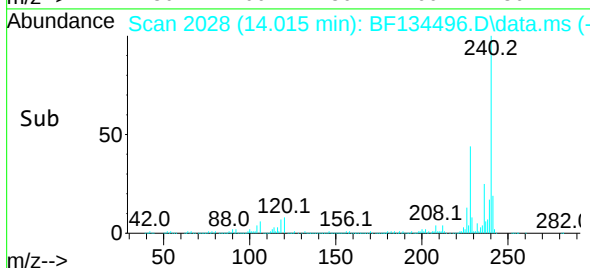
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

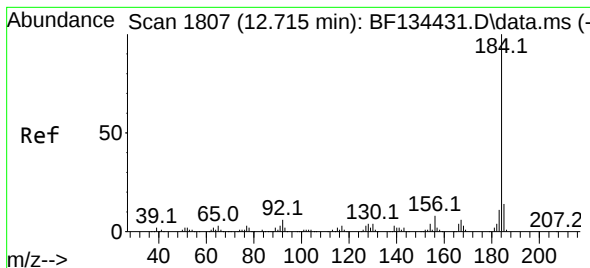


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.018 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55



Tgt Ion:240 Resp: 139375
Ion Ratio Lower Upper
240 100
120 8.3 6.6 10.0
236 25.0 20.2 30.2





#77

Benzidine

Concen: 24.796 ng

RT: 12.704 min Scan# 1805

Delta R.T. -0.011 min

Lab File: BF134496.D

Acq: 26 Jul 2023 22:55

Instrument :

BNA_F

ClientSampleId :

TP-1MS

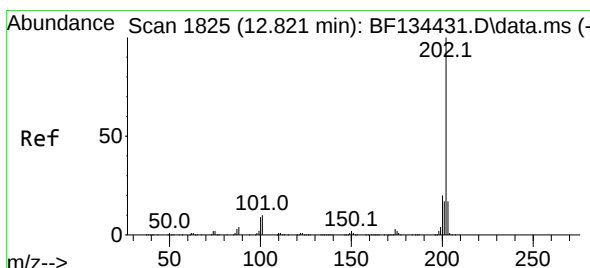
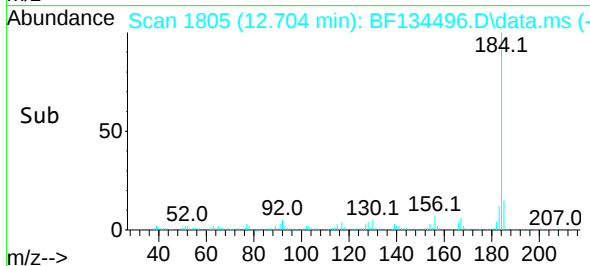
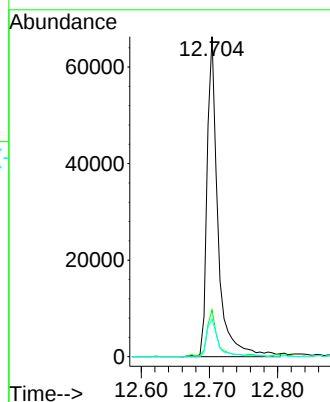
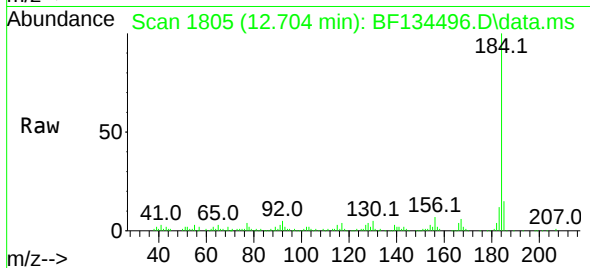
Tgt Ion:	184	Resp:	7379
Ion Ratio	Lower	Upper	
184	100		
185	14.6	11.2	16.8
183	11.7	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/27/2023

Supervised By :mohammad ahmed 07/27/2023



#78

Pyrene

Concen: 45.228 ng

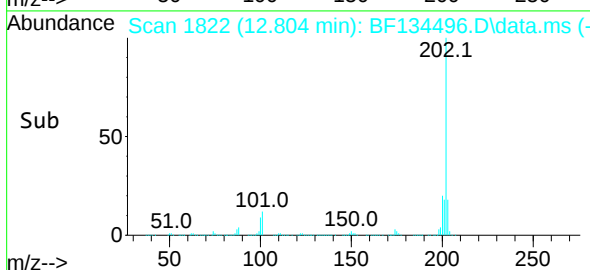
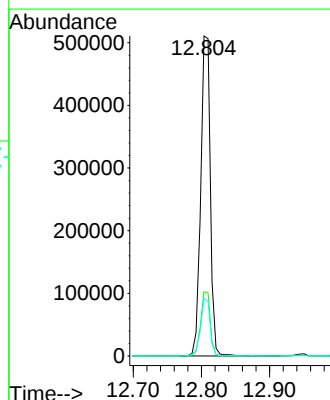
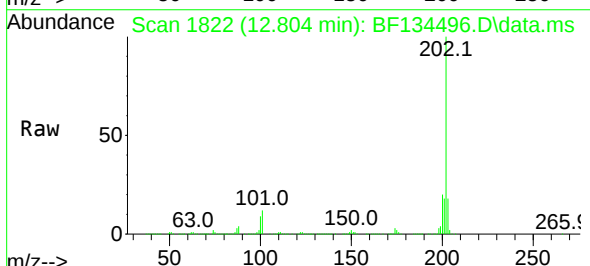
RT: 12.804 min Scan# 1822

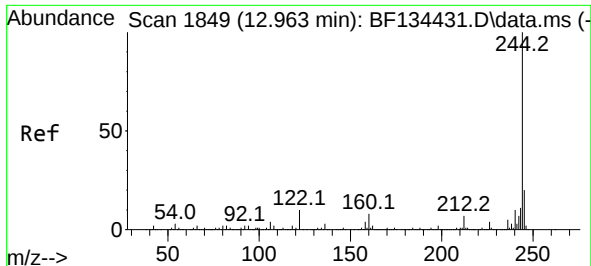
Delta R.T. -0.018 min

Lab File: BF134496.D

Acq: 26 Jul 2023 22:55

Tgt Ion:	202	Resp:	501216
Ion Ratio	Lower	Upper	
202	100		
200	20.1	15.8	23.8
203	18.1	13.5	20.3





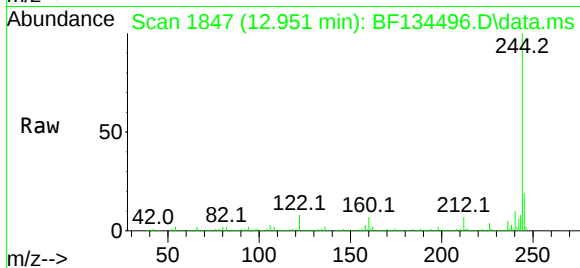
#79
 Terphenyl-d14
 Concen: 99.417 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.012 min
 Lab File: BF134496.D
 Acq: 26 Jul 2023 22:55

Instrument :

BNA_F

ClientSampleId :

TP-1MS

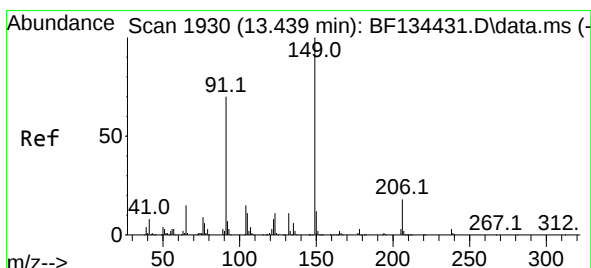
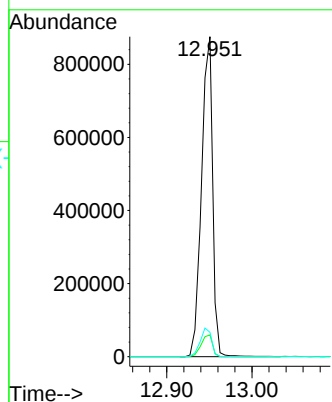
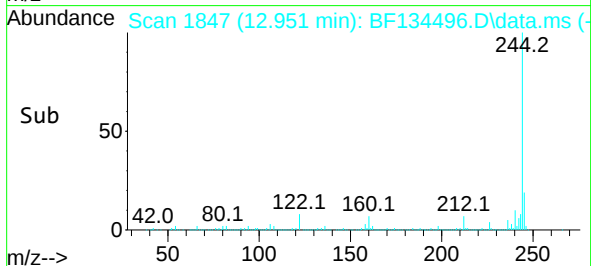


Tgt Ion:244 Resp: 793758
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 7.6 8.0 12.0

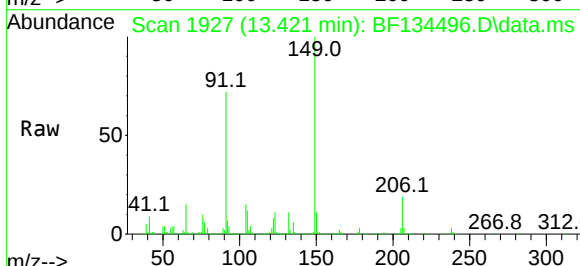
Manual Integrations

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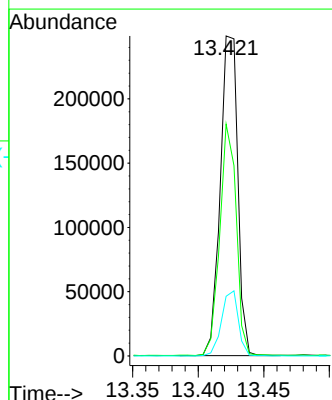
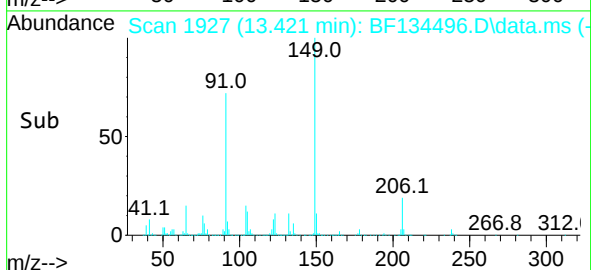
Reviewed By :Yogesh Patel 07/27/2023
 Supervised By :mohammad ahmed 07/27/2023

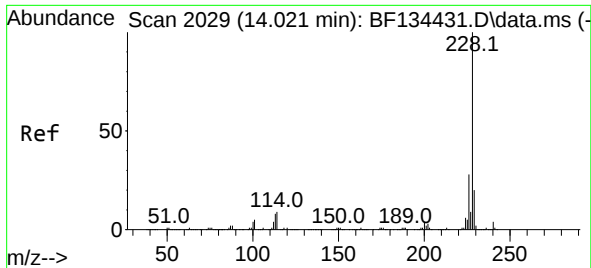


#80
 Butylbenzylphthalate
 Concen: 52.036 ng
 RT: 13.421 min Scan# 1927
 Delta R.T. -0.018 min
 Lab File: BF134496.D
 Acq: 26 Jul 2023 22:55



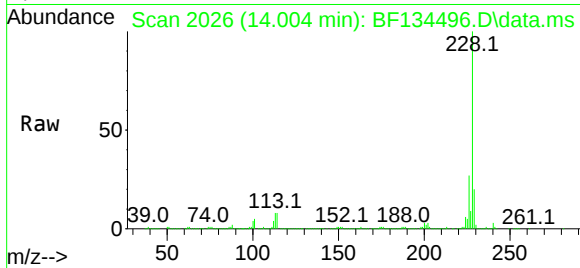
Tgt Ion:149 Resp: 230992
 Ion Ratio Lower Upper
 149 100
 91 72.4 55.8 83.6
 206 18.7 14.6 21.8





#81
Benzo(a)anthracene
Concen: 45.907 ng
RT: 14.004 min Scan# 2029
Delta R.T. -0.018 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55

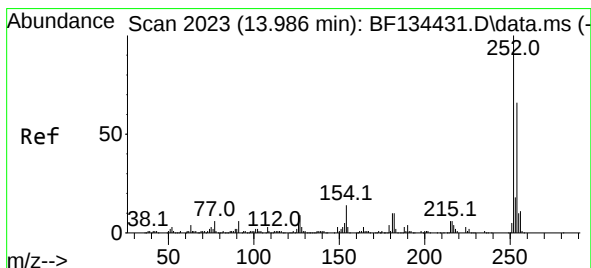
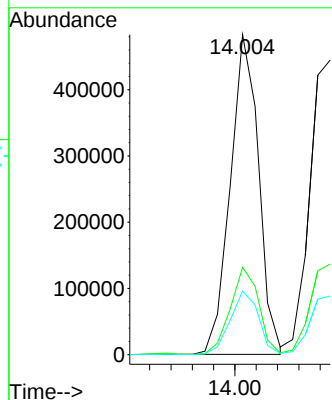
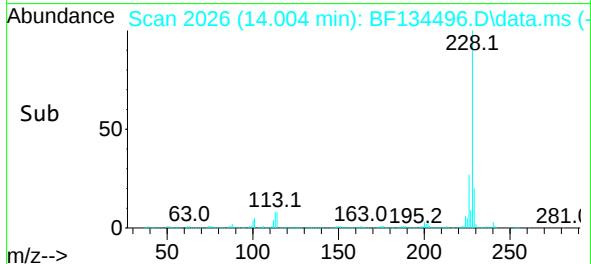
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:228 Resp: 446400
Ion Ratio Lower Upper
228 100
226 27.3 22.3 33.5
229 19.9 15.8 23.6

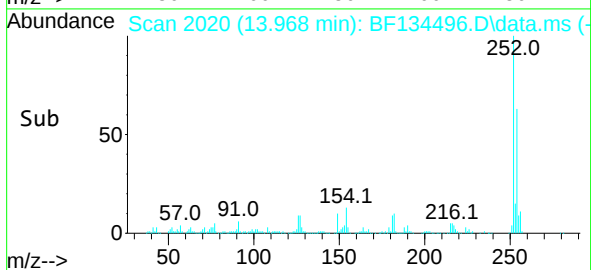
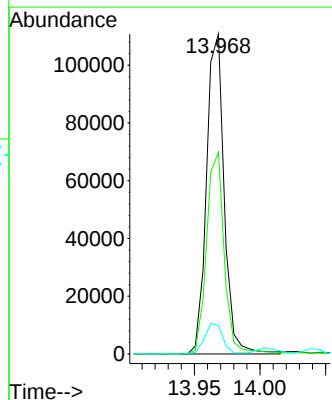
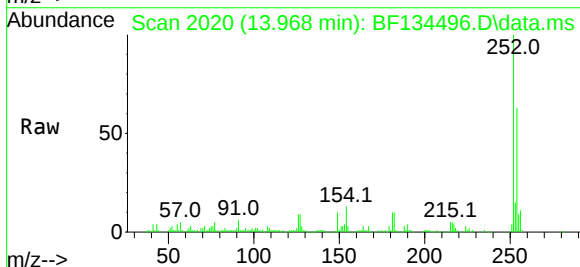
Manual Integrations
APPROVED

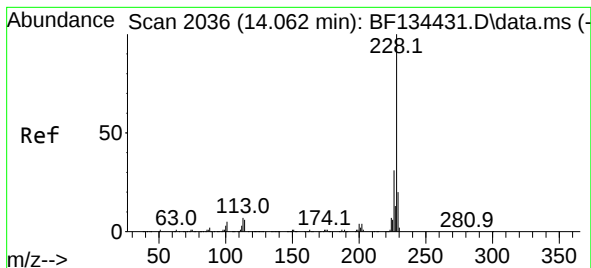
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



#82
3,3'-Dichlorobenzidine
Concen: 33.819 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.018 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55

Tgt Ion:252 Resp: 104159
Ion Ratio Lower Upper
252 100
254 63.1 52.7 79.1
126 8.9 7.2 10.8





#83

Chrysene

Concen: 44.923 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.018 min

Lab File: BF134496.D

Acq: 26 Jul 2023 22:55

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:228 Resp: 41781

Ion Ratio Lower Upper

228 100

226 30.8 24.5 36.7

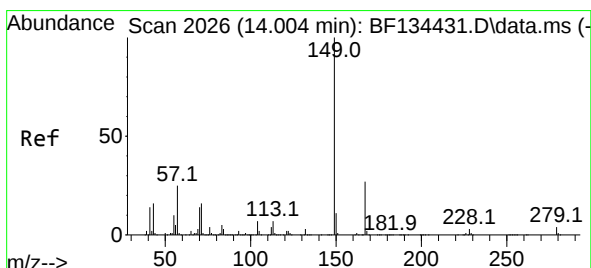
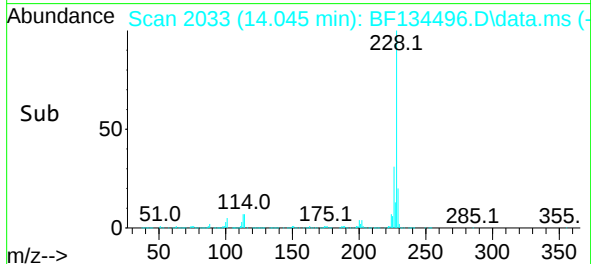
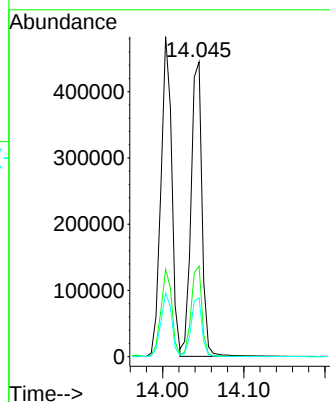
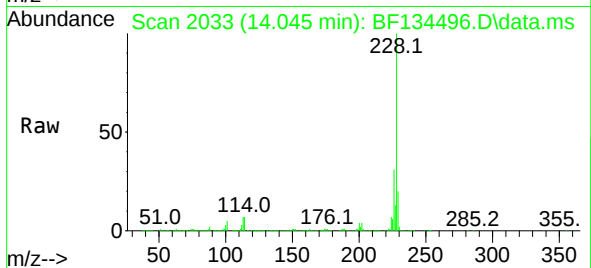
229 19.9 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/27/2023

Supervised By :mohammad ahmed 07/27/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.293 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.018 min

Lab File: BF134496.D

Acq: 26 Jul 2023 22:55

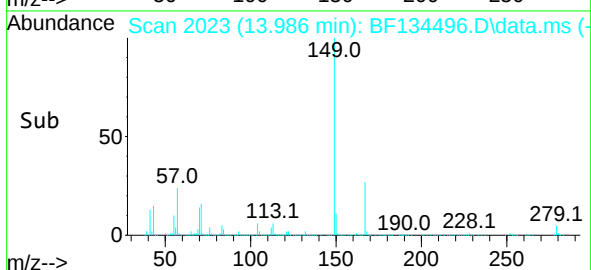
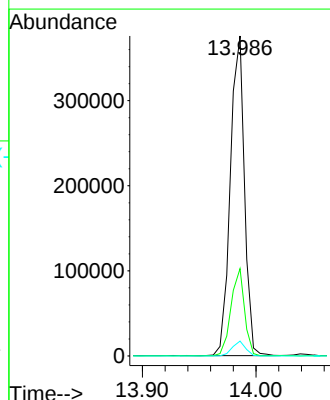
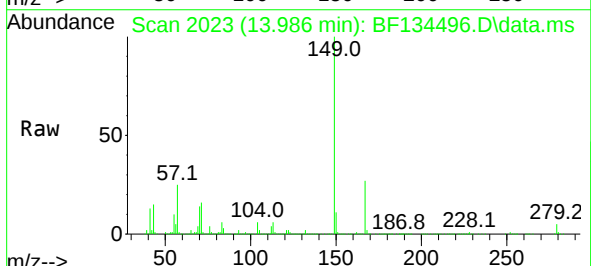
Tgt Ion:149 Resp: 325156

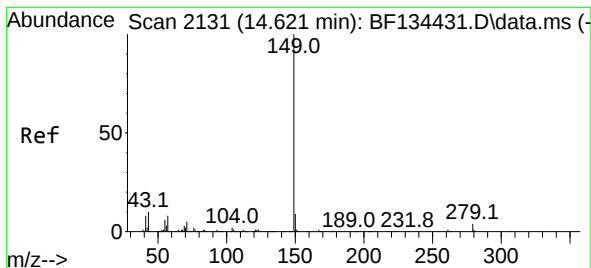
Ion Ratio Lower Upper

149 100

167 27.3 21.6 32.4

279 4.6 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 72.176 ng

RT: 14.604 min Scan# 2131

Delta R.T. -0.018 min

Lab File: BF134496.D

Acq: 26 Jul 2023 22:55

Instrument :

BNA_F

ClientSampleId :

TP-1MS

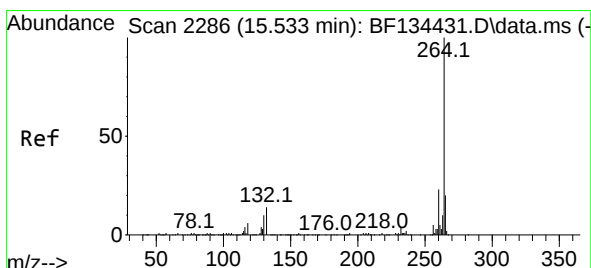
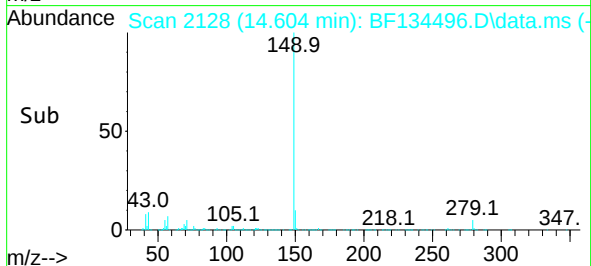
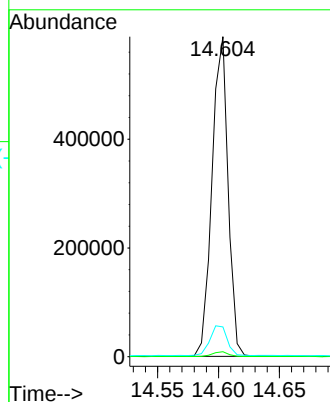
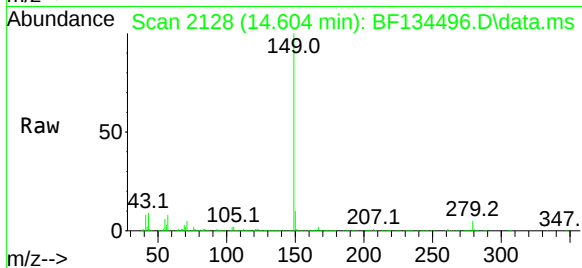
Tgt Ion:149 Resp: 540924
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.2 8.1 12.1

Manual Integrations

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Reviewed By :Yogesh Patel 07/27/2023

Supervised By :mohammad ahmed 07/27/2023



#86

Perylene-d12

Concen: 20.000 ng

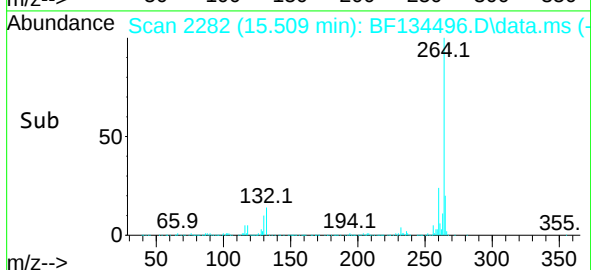
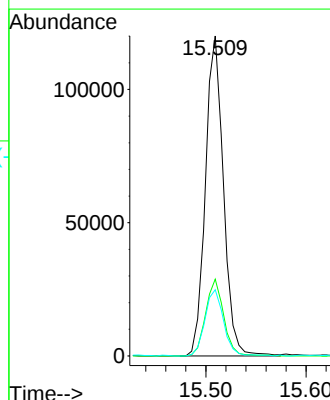
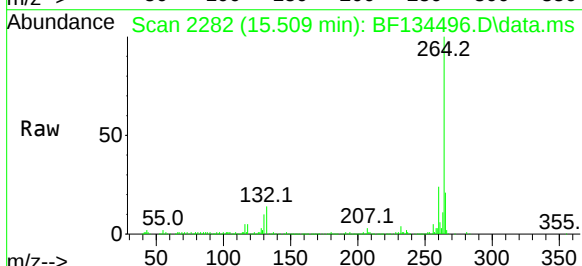
RT: 15.509 min Scan# 2282

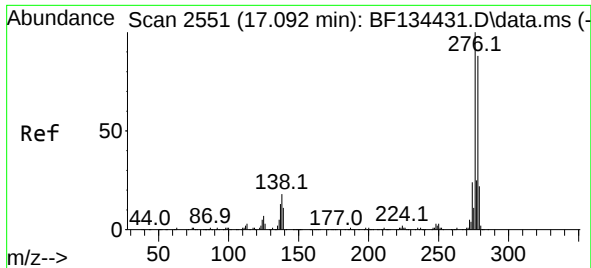
Delta R.T. -0.024 min

Lab File: BF134496.D

Acq: 26 Jul 2023 22:55

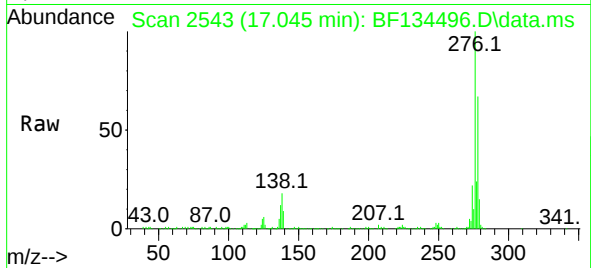
Tgt Ion:264 Resp: 150487
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.4 27.6
 265 20.7 15.8 23.8





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.048 ng
 RT: 17.045 min Scan# 21
 Delta R.T. -0.047 min
 Lab File: BF134496.D
 Acq: 26 Jul 2023 22:55

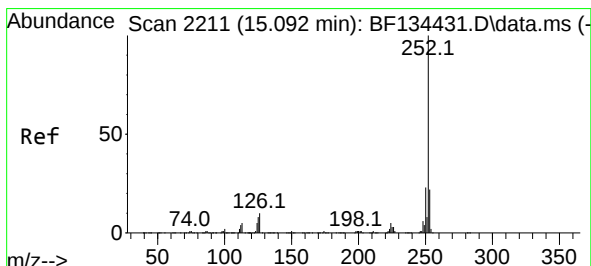
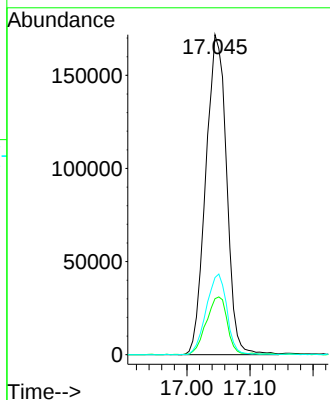
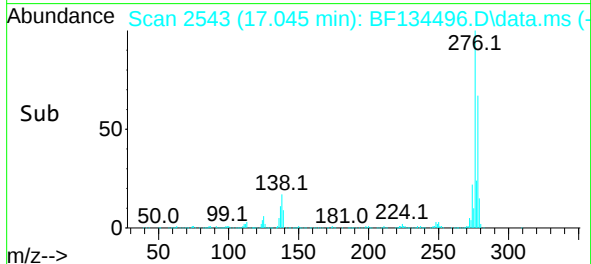
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS



Tgt Ion:276 Resp: 39372
 Ion Ratio Lower Upper
 276 100
 138 18.1 14.2 21.4
 277 25.1 19.9 29.9

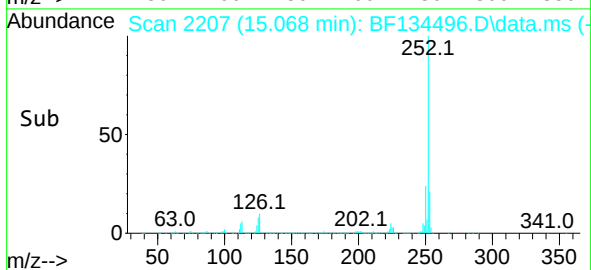
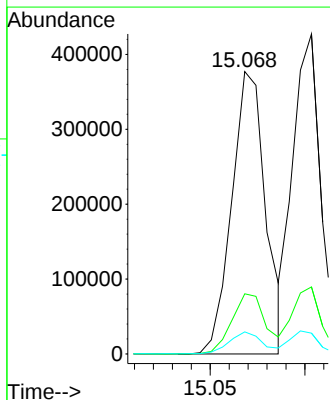
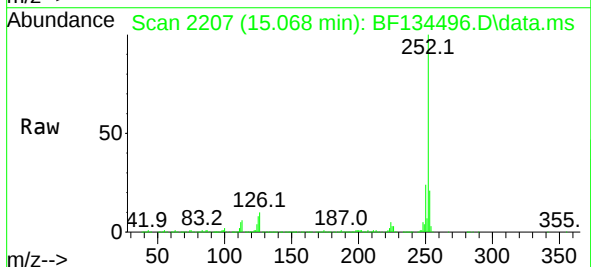
Manual Integrations
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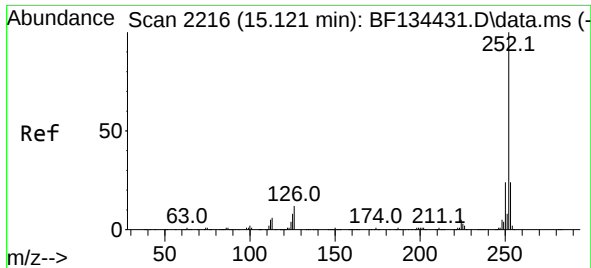
Reviewed By :Yogesh Patel 07/27/2023
 Supervised By :mohammad ahmed 07/27/2023



#88
 Benzo(b)fluoranthene
 Concen: 49.940 ng
 RT: 15.068 min Scan# 2207
 Delta R.T. -0.024 min
 Lab File: BF134496.D
 Acq: 26 Jul 2023 22:55

Tgt Ion:252 Resp: 470161
 Ion Ratio Lower Upper
 252 100
 253 21.3 17.3 25.9
 125 7.8 6.0 9.0





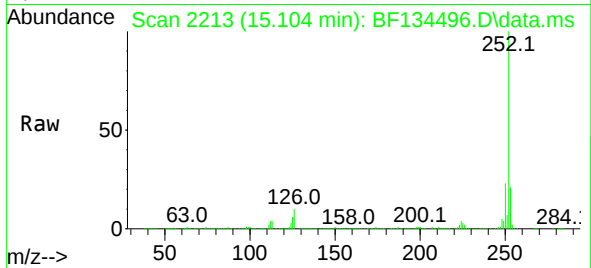
#89
Benzo(k)fluoranthene
Concen: 47.448 ng
RT: 15.104 min Scan# 211
Delta R.T. -0.018 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55

Instrument :

BNA_F

ClientSampleId :

TP-1MS

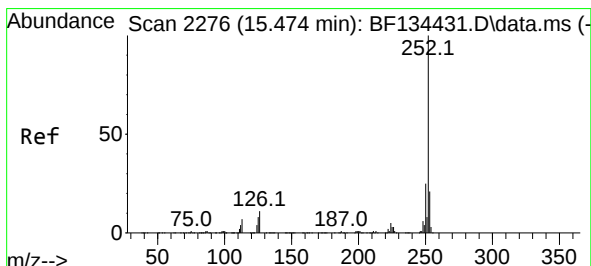
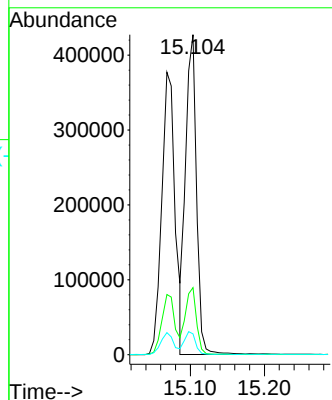
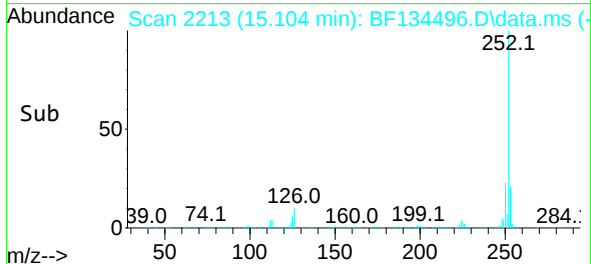


Tgt Ion:252 Resp: 439302
Ion Ratio Lower Upper
252 100
253 21.0 17.9 26.9
125 6.5 6.3 9.5

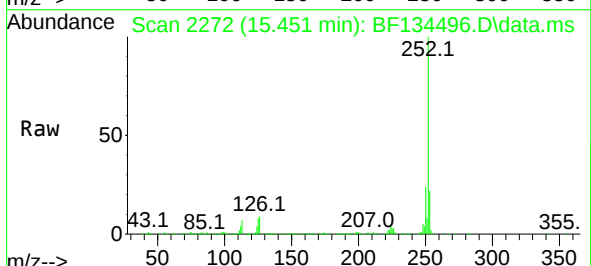
Manual Integrations

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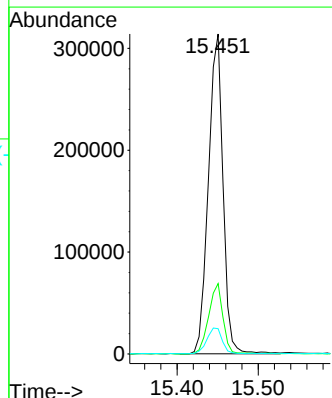
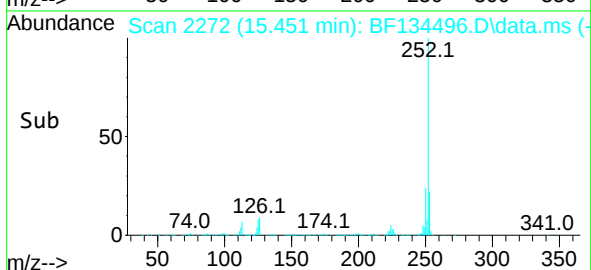
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

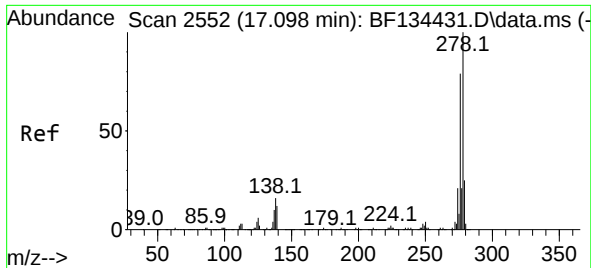


#90
Benzo(a)pyrene
Concen: 44.997 ng
RT: 15.451 min Scan# 2272
Delta R.T. -0.024 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55



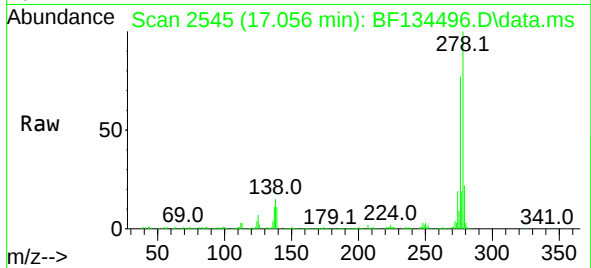
Tgt Ion:252 Resp: 391571
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.4
125 7.9 6.2 9.4





#91
Dibenzo(a,h)anthracene
Concen: 42.697 ng
RT: 17.056 min Scan# 211
Delta R.T. -0.041 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55

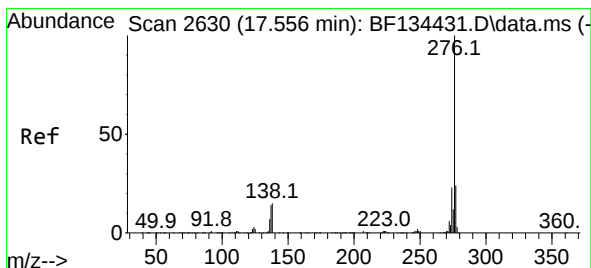
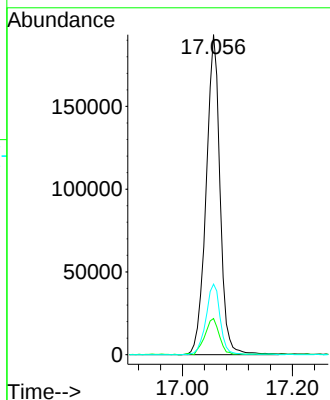
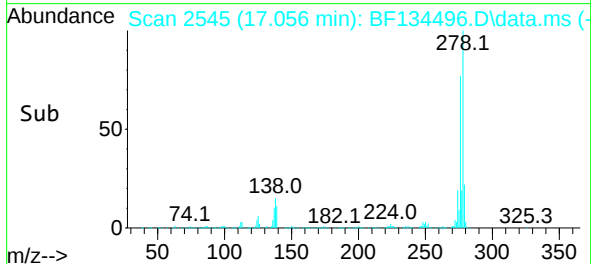
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:278 Resp: 339004
Ion Ratio Lower Upper
278 100
139 11.3 10.0 15.0
279 22.1 19.7 29.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



#92
Benzo(g,h,i)perylene
Concen: 36.385 ng
RT: 17.509 min Scan# 2622
Delta R.T. -0.047 min
Lab File: BF134496.D
Acq: 26 Jul 2023 22:55

Tgt Ion:276 Resp: 296630
Ion Ratio Lower Upper
276 100
277 23.1 19.0 28.6
138 15.1 12.2 18.2

