

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
 Data File : BF134435.D
 Acq On : 24 Jul 2023 18:16
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

ICVBF072423

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023

Quant Time: Jul 25 01:47:04 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	6.834	152	54335	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	191695	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	93898	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	189337	20.000	ng	0.00
76) Chrysene-d12	14.033	240	150677	20.000	ng	0.00
86) Perylene-d12	15.533	264	131249	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	271227	82.473	ng	0.00
7) Phenol-d6	6.475	99	324172	80.455	ng	0.00
23) Nitrobenzene-d5	7.404	82	316162	83.445	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	109719	82.241	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	577635	80.759	ng	0.00
79) Terphenyl-d14	12.963	244	697202	80.774	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.587	88	54412	39.007	ng	95
3) Pyridine	3.375	79	135850	43.386	ng	100
4) n-Nitrosodimethylamine	3.340	42	79434	42.927	ng	94
6) Aniline	6.504	93	193885	40.828	ng	100
8) 2-Chlorophenol	6.622	128	134489	40.367	ng	99
9) Benzaldehyde	6.392	77	83373	38.639	ng	100
10) Phenol	6.492	94	168231	40.129	ng	98
11) bis(2-Chloroethyl)ether	6.575	93	117071	40.002	ng	95
12) 1,3-Dichlorobenzene	6.775	146	143108	39.945	ng	100
13) 1,4-Dichlorobenzene	6.851	146	149563	40.566	ng	98
14) 1,2-Dichlorobenzene	7.004	146	138934	40.116	ng	97
15) Benzyl Alcohol	6.981	79	124866	40.137	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.110	45	176296	40.906	ng	97
17) 2-Methylphenol	7.092	107	116240	39.121	ng	99
18) Hexachloroethane	7.339	117	55467	39.159	ng	97
19) n-Nitroso-di-n-propyla...	7.245	70	97024	38.681	ng	98
20) 3+4-Methylphenols	7.245	107	149474	39.291	ng	95
22) Acetophenone	7.245	105	192226	40.320	ng	97
24) Nitrobenzene	7.422	77	153989	40.867	ng	98
25) Isophorone	7.657	82	253233	40.103	ng	99
26) 2-Nitrophenol	7.734	139	70973	40.952	ng	100
27) 2,4-Dimethylphenol	7.769	122	113306	41.429	ng	95
28) bis(2-Chloroethoxy)met...	7.863	93	142251	40.472	ng	99
29) 2,4-Dichlorophenol	7.975	162	110924	40.572	ng	96
30) 1,2,4-Trichlorobenzene	8.057	180	118125	40.054	ng	98
31) Naphthalene	8.134	128	383013	40.147	ng	99
32) Benzoic acid	7.892	122	76207	41.715	ng	# 72
33) 4-Chloroaniline	8.192	127	159941	40.558	ng	100
34) Hexachlorobutadiene	8.245	225	79406	40.192	ng	99
35) Caprolactam	8.563	113	34096	40.785	ng	93
36) 4-Chloro-3-methylphenol	8.675	107	127291	40.350	ng	97
37) 2-Methylnaphthalene	8.828	142	265184	40.005	ng	100
38) 1-Methylnaphthalene	8.928	142	246692	40.115	ng	97
40) 1,2,4,5-Tetrachloroben...	8.992	216	121906	40.968	ng	98
41) Hexachlorocyclopentadiene	8.975	237	31925	41.716	ng	95
43) 2,4,6-Trichlorophenol	9.110	196	77371	40.531	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	89439	40.214	ng	98
46) 1,1'-Biphenyl	9.292	154	312434	40.371	ng	99
47) 2-Chloronaphthalene	9.316	162	230301	40.366	ng	97
48) 2-Nitroaniline	9.422	65	86430	42.063	ng	95
49) Acenaphthylene	9.733	152	387631	40.216	ng	99
50) Dimethylphthalate	9.592	163	278812	40.055	ng	98
51) 2,6-Dinitrotoluene	9.663	165	61139	40.030	ng	94
52) Acenaphthene	9.904	154	233847	41.070	ng	99
53) 3-Nitroaniline	9.833	138	72844	41.598	ng	92
54) 2,4-Dinitrophenol	9.951	184	26897	37.380	ng	94
55) Dibenzofuran	10.080	168	352918	40.272	ng	99
56) 4-Nitrophenol	10.004	139	36653	39.250	ng	97
57) 2,4-Dinitrotoluene	10.075	165	85471	41.664	ng	96
58) Fluorene	10.422	166	285543	40.390	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	69266m	40.536	ng	
60) Diethylphthalate	10.292	149	288724	40.064	ng	97
61) 4-Chlorophenyl-phenyle...	10.416	204	136697	40.476	ng	97
62) 4-Nitroaniline	10.451	138	74374m	41.397	ng	
63) Azobenzene	10.575	77	268799	40.522	ng	94
65) 4,6-Dinitro-2-methylph...	10.486	198	44320	40.807	ng	94
66) n-Nitrosodiphenylamine	10.533	169	242240	40.214	ng	97
67) 4-Bromophenyl-phenylether	10.904	248	82750	39.890	ng	# 90
68) Hexachlorobenzene	10.975	284	94329	40.380	ng	98
69) Atrazine	11.063	200	70061	41.716	ng	98
70) Pentachlorophenol	11.175	266	39806	40.604	ng	97
71) Phenanthrene	11.392	178	397618	40.194	ng	99
72) Anthracene	11.445	178	415714	40.715	ng	99
73) Carbazole	11.604	167	393414	40.918	ng	99
74) Di-n-butylphthalate	11.927	149	440899	39.947	ng	99
75) Fluoranthene	12.592	202	472182	40.955	ng	99
77) Benzidine	12.716	184	124160	38.592	ng	99
78) Pyrene	12.821	202	487618	40.700	ng	99
80) Butylbenzylphthalate	13.439	149	196621	40.971	ng	98
81) Benzo(a)anthracene	14.021	228	418909	39.849	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	127327	38.241	ng	99
83) Chrysene	14.057	228	410445	40.820	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	238928	40.980	ng	97
85) Di-n-octyl phthalate	14.621	149	325349	40.155	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	359192	41.890	ng	100
88) Benzo(b)fluoranthene	15.092	252	318704	38.814	ng	98
89) Benzo(k)fluoranthene	15.121	252	335553	41.555	ng	99
90) Benzo(a)pyrene	15.468	252	310144	40.864	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	291582	42.108	ng	97
92) Benzo(g,h,i)perylene	17.551	276	304556	42.833	ng	98

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

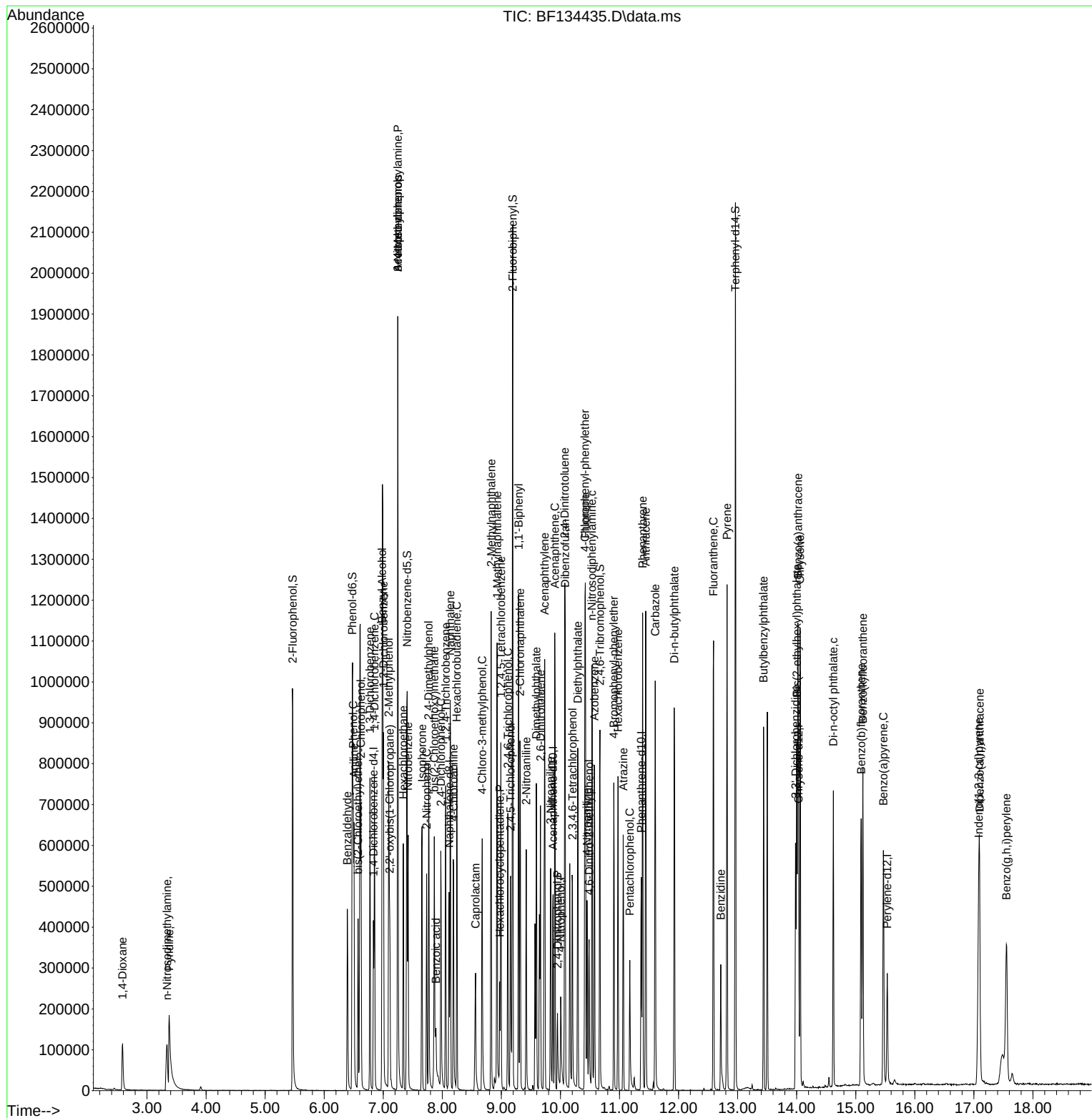
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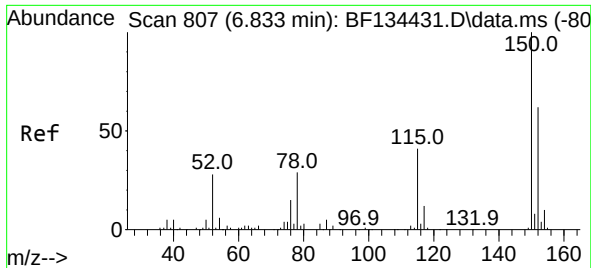
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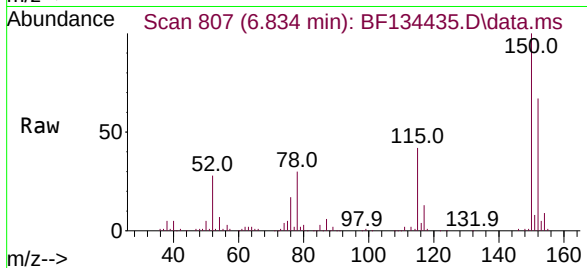
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 80
 Delta R.T. 0.001 min
 Lab File: BF134435.D
 Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

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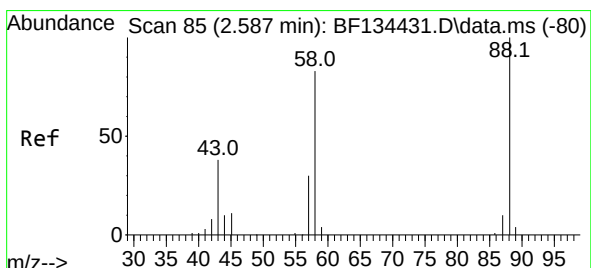
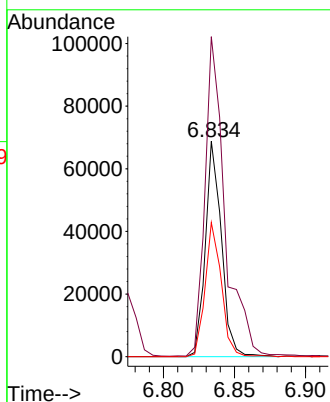
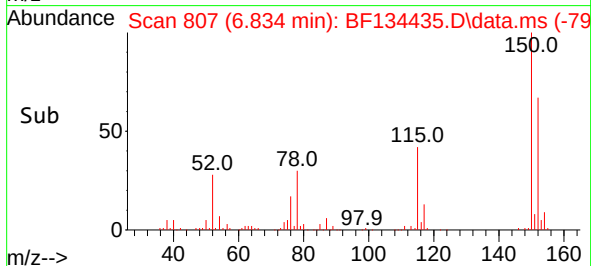


Tgt Ion:152 Resp: 5433
 Ion Ratio Lower Upper
 152 100
 150 148.6 128.3 192.5
 115 62.3 52.4 78.6

Manual Integrations

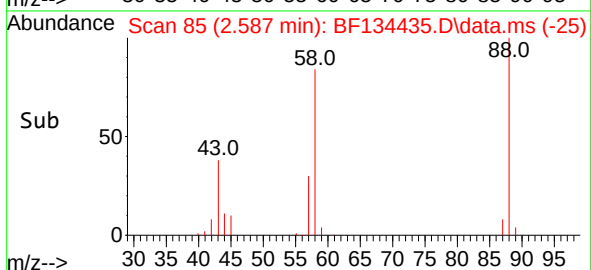
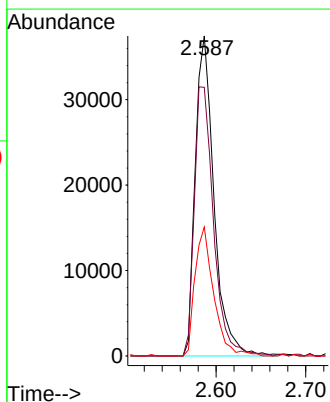
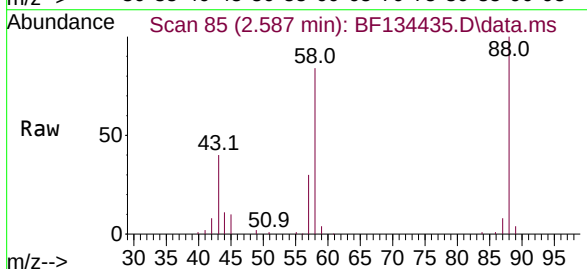
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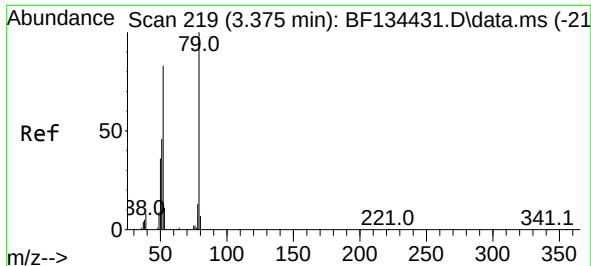
Reviewed By :Yogesh Patel 07/25/2023
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#2
 1,4-Dioxane
 Concen: 39.007 ng
 RT: 2.587 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: BF134435.D
 Acq: 24 Jul 2023 18:16

Tgt Ion: 88 Resp: 54412
 Ion Ratio Lower Upper
 88 100
 58 86.4 65.1 97.7
 43 40.2 30.3 45.5





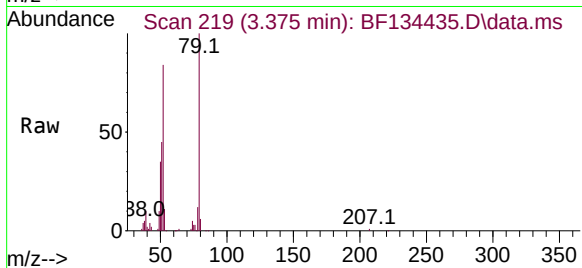
#3
Pyridine
Concen: 43.386 ng
RT: 3.375 min Scan# 219
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

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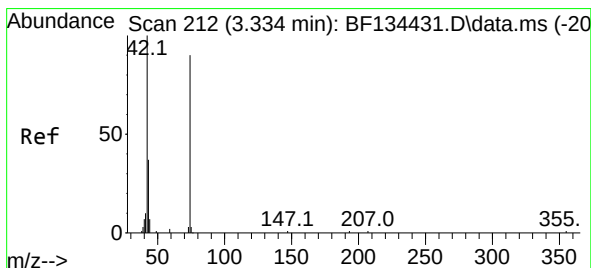
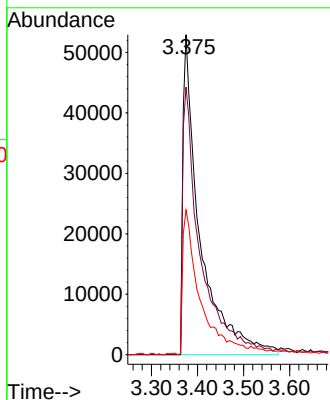
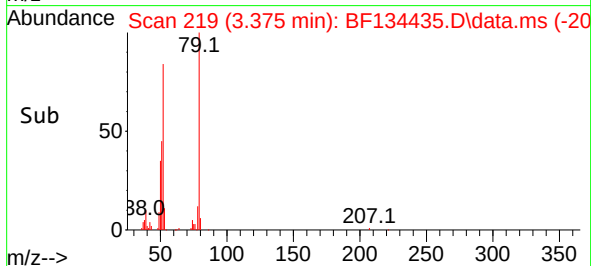
Tgt Ion: 79 Resp: 135850
Ion Ratio Lower Upper
79 100
52 83.6 66.6 100.0
51 45.2 36.5 54.7

Manual Integrations

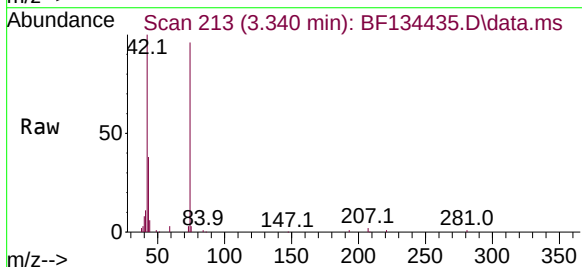
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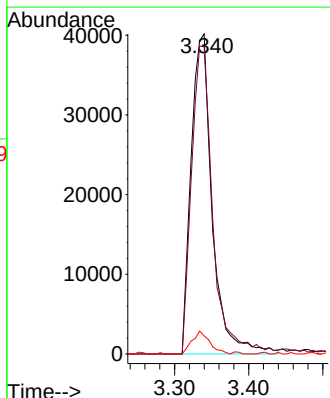
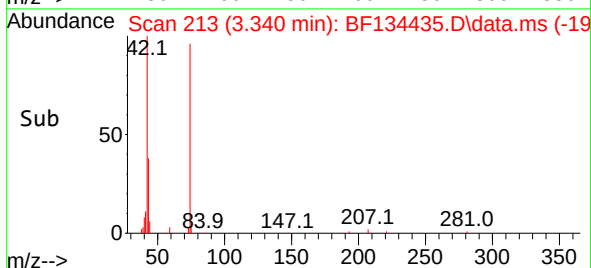
Supervised By :mohammad ahmed 07/25/2023

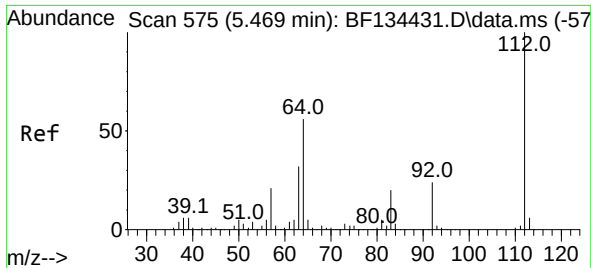


#4
n-Nitrosodimethylamine
Concen: 42.927 ng
RT: 3.340 min Scan# 213
Delta R.T. 0.006 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16



Tgt Ion: 42 Resp: 79434
Ion Ratio Lower Upper
42 100
74 96.0 72.2 108.4
44 5.6 5.4 8.0





#5
2-Fluorophenol
Concen: 82.473 ng
RT: 5.469 min Scan# 512
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Instrument :

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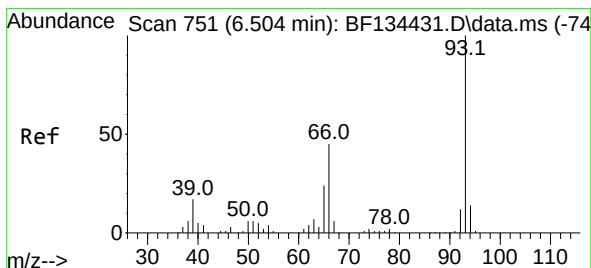
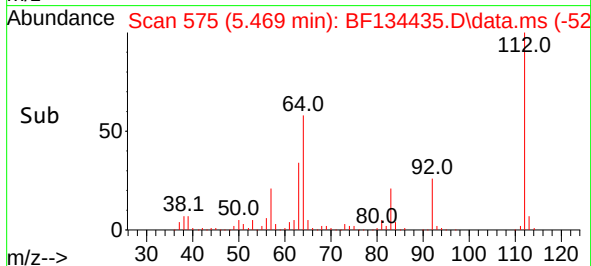
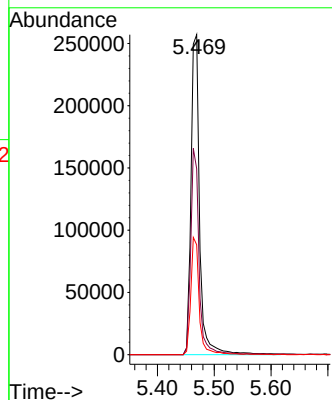
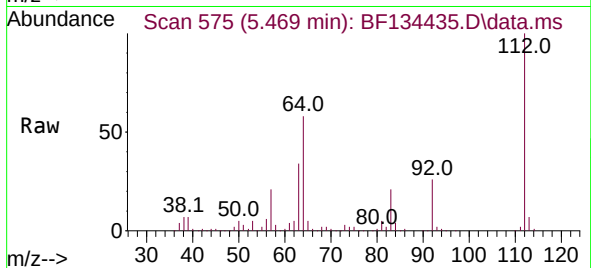
ClientSampleId :

ICVBF072423

Tgt Ion:112 Resp: 271227
Ion Ratio Lower Upper
112 100
64 58.1 44.9 67.3
63 34.3 25.4 38.0

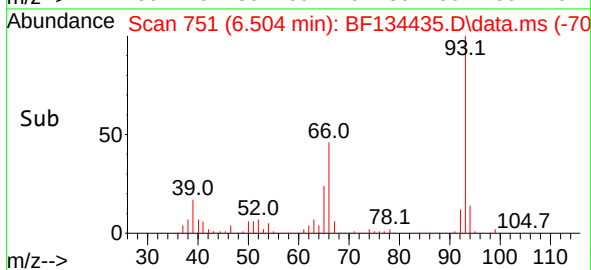
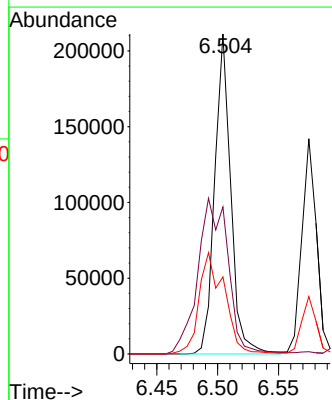
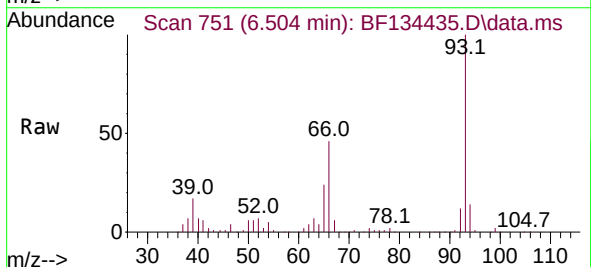
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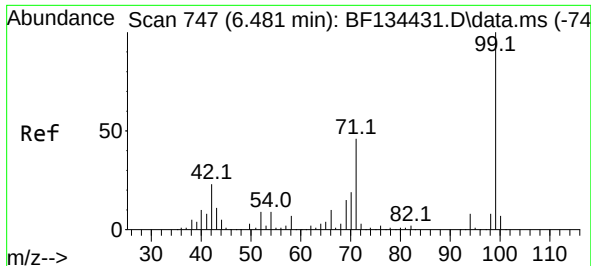
Reviewed By :Yogesh Patel 07/25/2023
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#6
Aniline
Concen: 40.828 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

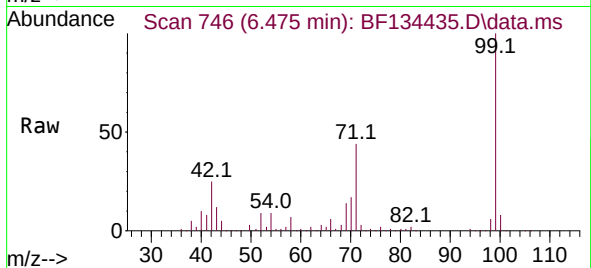
Tgt Ion: 93 Resp: 193885
Ion Ratio Lower Upper
93 100
66 46.0 36.8 55.2
65 24.1 19.4 29.0





#7
Phenol-d6
Concen: 80.455 ng
RT: 6.475 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

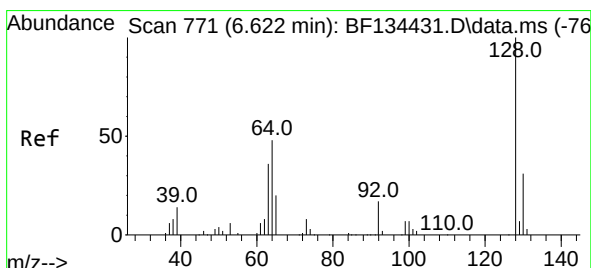
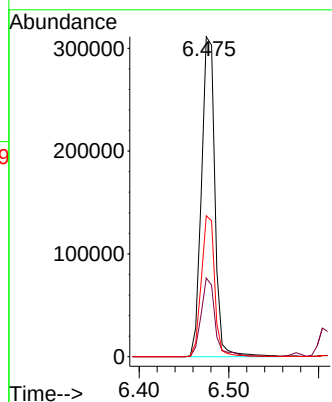
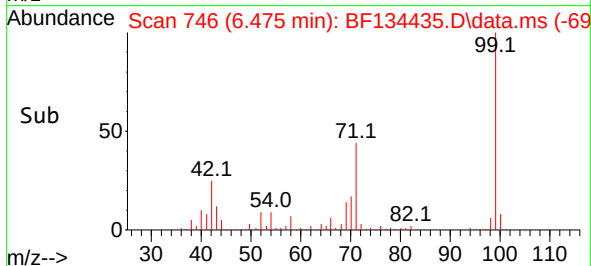
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Tgt Ion: 99 Resp: 324172
Ion Ratio Lower Upper
99 100
42 24.6 18.7 28.1
71 44.0 36.4 54.6

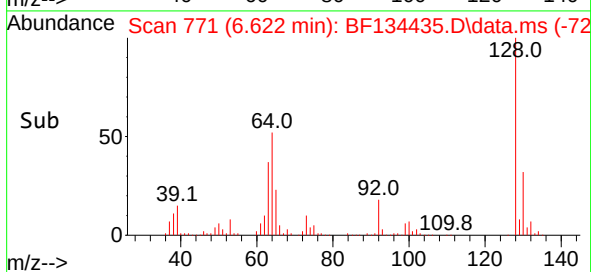
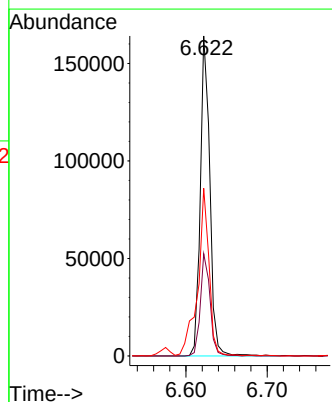
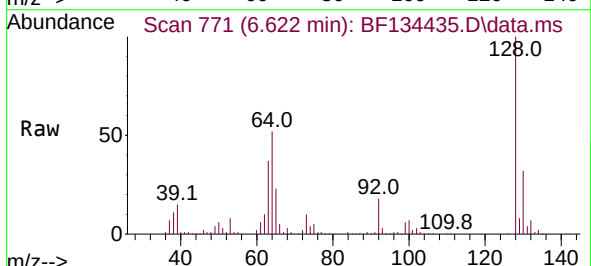
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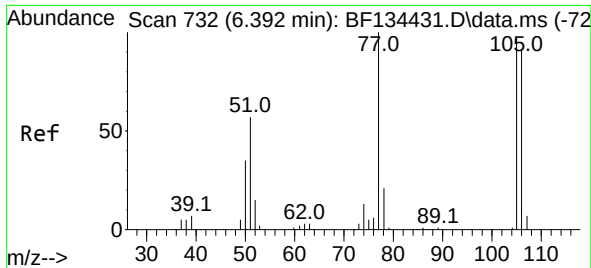
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#8
2-Chlorophenol
Concen: 40.367 ng
RT: 6.622 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

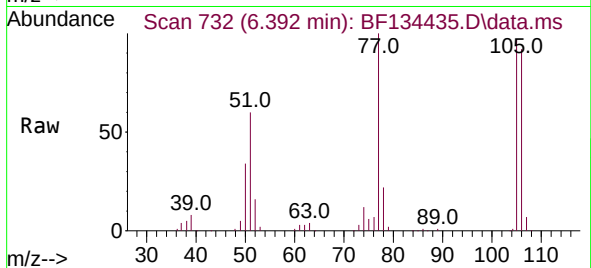
Tgt Ion:128 Resp: 134489
Ion Ratio Lower Upper
128 100
130 32.0 11.1 51.1
64 52.4 31.9 71.9





#9
Benzaldehyde
Concen: 38.639 ng
RT: 6.392 min Scan# 732
Delta R.T. 0.000 min
Lab File: BF134435.D
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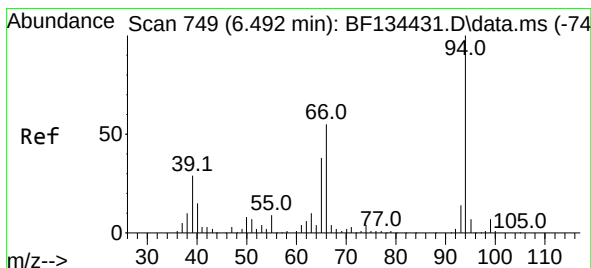
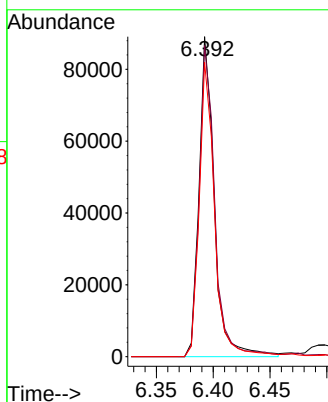
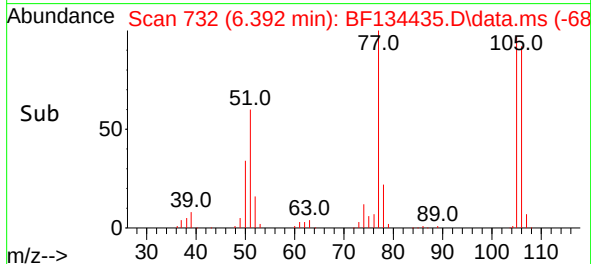
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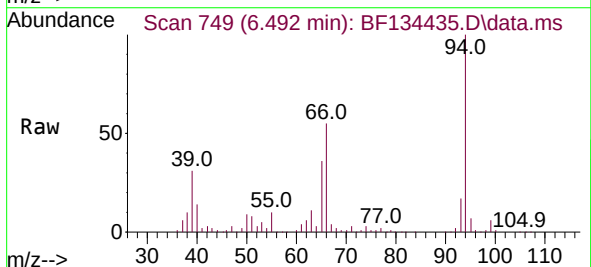
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Ion Ratio Lower Upper
77 100
105 97.2 77.1 117.1
106 92.0 71.4 111.4

Manual Integrations
APPROVED

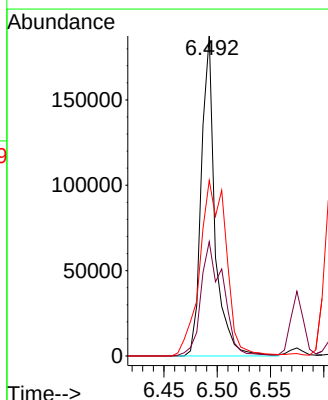
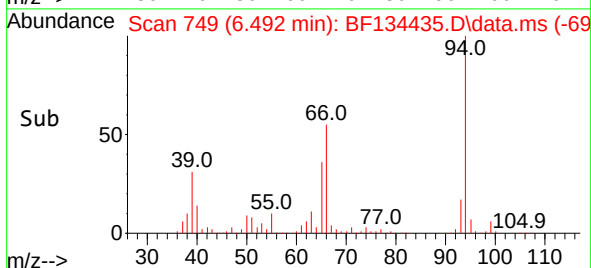
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

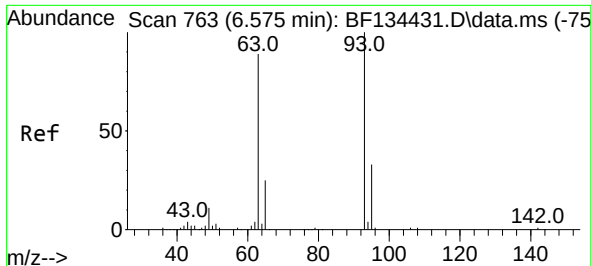


#10
Phenol
Concen: 40.129 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16



Tgt Ion: 94 Resp: 168231
Ion Ratio Lower Upper
94 100
65 35.7 17.8 57.8
66 54.8 35.2 75.2





#11

bis(2-Chloroethyl)ether

Concen: 40.002 ng

RT: 6.575 min Scan# 763

Delta R.T. 0.000 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

ICVBF072423

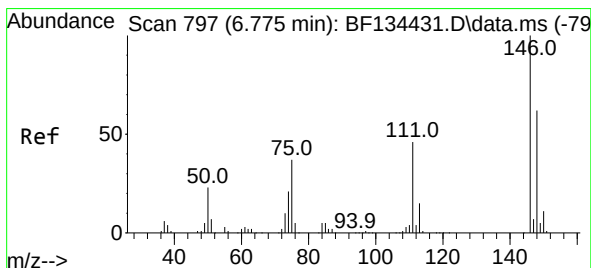
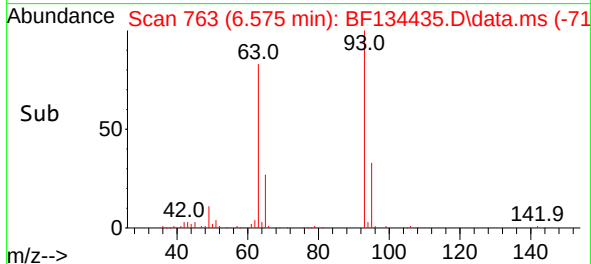
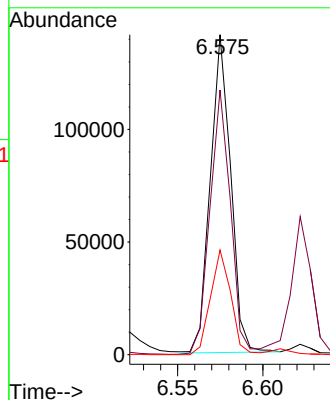
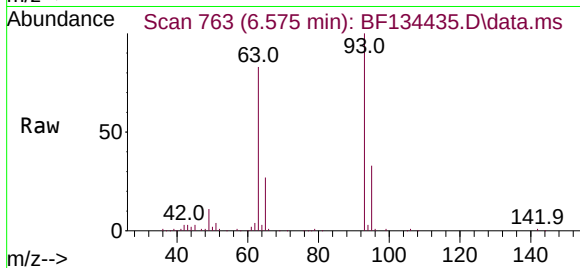
Tgt Ion: 93	Resp: 11707
Ion Ratio	Lower Upper
93	100
63	82.7 68.4 108.4
95	32.7 12.4 52.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#12

1,3-Dichlorobenzene

Concen: 39.945 ng

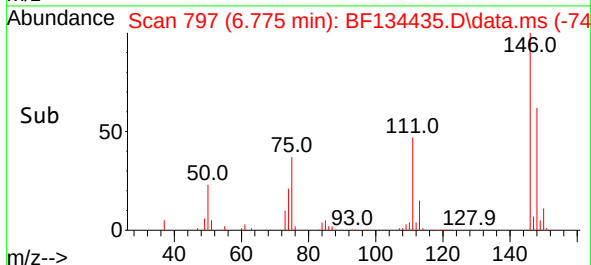
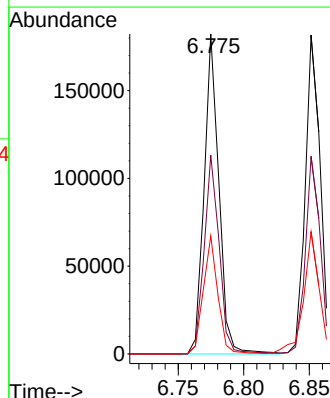
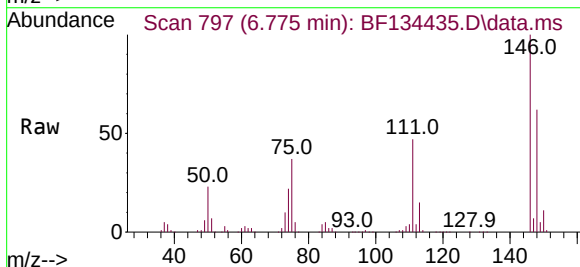
RT: 6.775 min Scan# 797

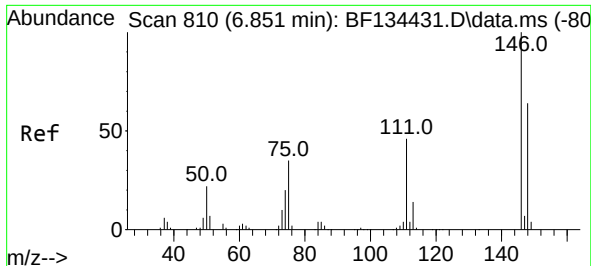
Delta R.T. 0.000 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

Tgt Ion:146	Resp: 143108
Ion Ratio	Lower Upper
146	100
148	62.2 49.7 74.5
75	36.9 29.5 44.3





#13

1,4-Dichlorobenzene

Concen: 40.566 ng

RT: 6.851 min Scan# 810

Delta R.T. 0.000 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

ICVBF072423

Tgt Ion:146 Resp: 14956

Ion Ratio Lower Upper

146 100

148 62.0 51.3 76.9

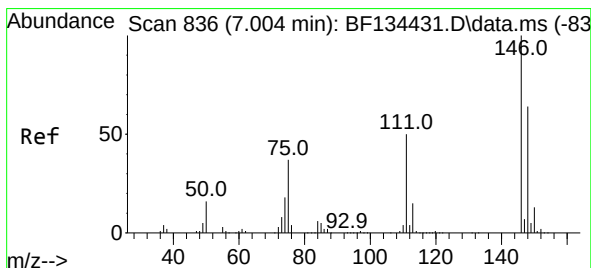
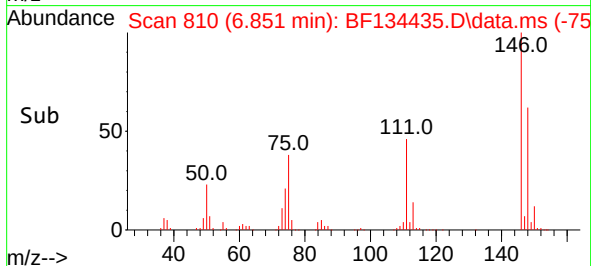
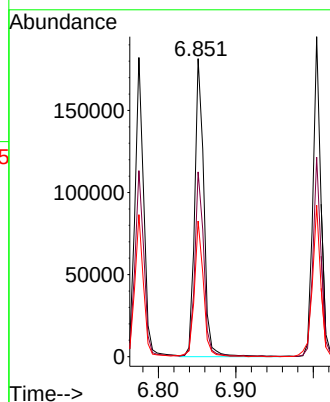
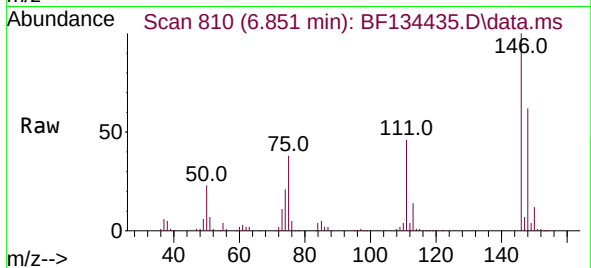
111 45.5 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#14

1,2-Dichlorobenzene

Concen: 40.116 ng

RT: 7.004 min Scan# 836

Delta R.T. 0.000 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

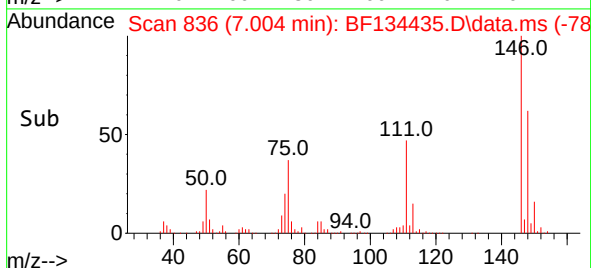
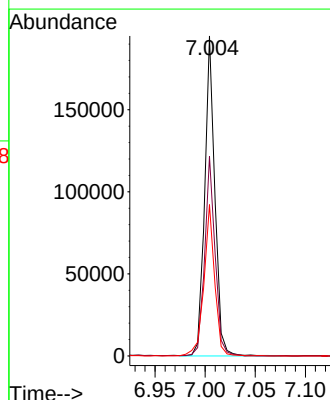
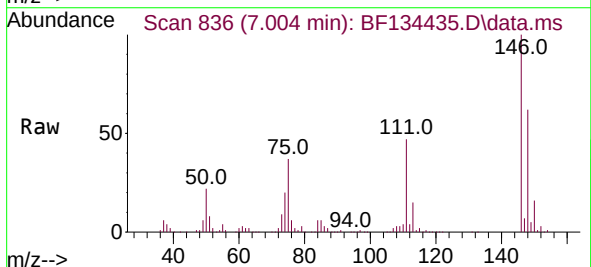
Tgt Ion:146 Resp: 138934

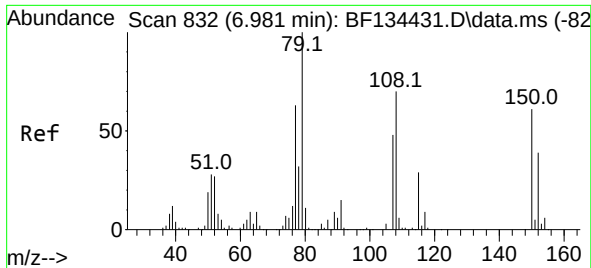
Ion Ratio Lower Upper

146 100

148 62.3 51.2 76.8

111 47.3 39.9 59.9





#15
Benzyl Alcohol
Concen: 40.137 ng
RT: 6.981 min Scan# 832
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

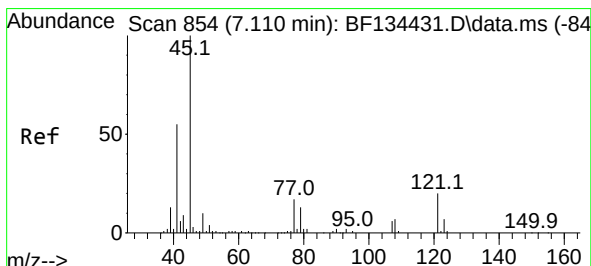
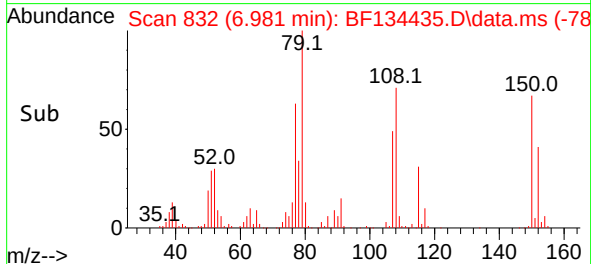
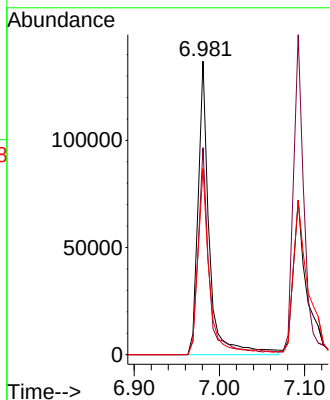
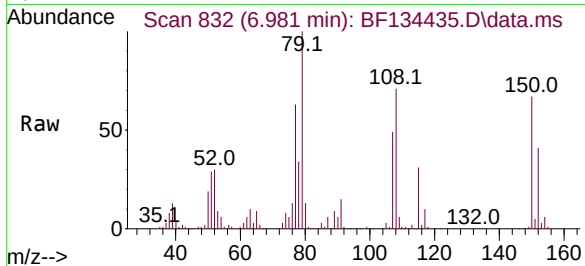
ICVBF072423

Tgt Ion: 79 Resp: 124860
Ion Ratio Lower Upper
79 100
108 70.5 56.3 84.5
77 63.4 50.6 76.0

Manual Integrations

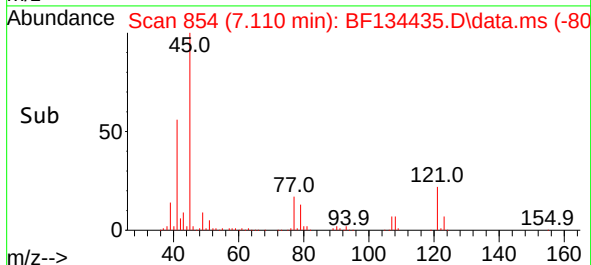
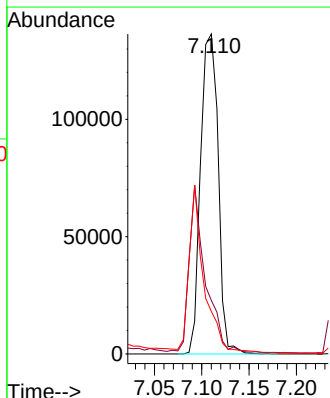
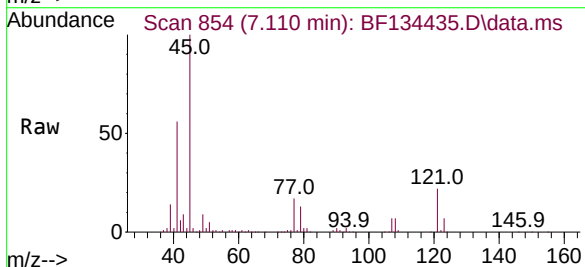
APPROVED

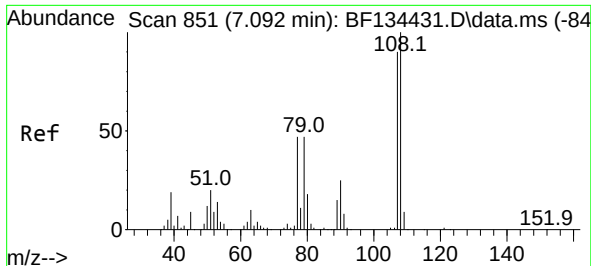
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.906 ng
RT: 7.110 min Scan# 854
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Tgt Ion: 45 Resp: 176296
Ion Ratio Lower Upper
45 100
77 16.8 0.0 37.8
79 13.3 0.0 34.5





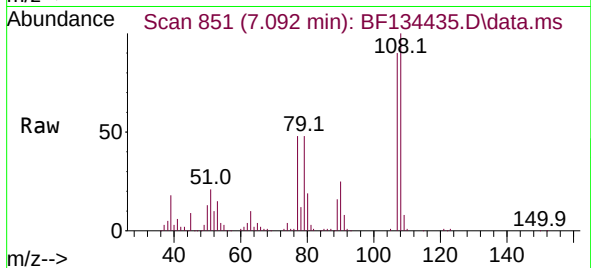
#17
2-Methylphenol
Concen: 39.121 ng
RT: 7.092 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

Client SampleId :

ICVBF072423

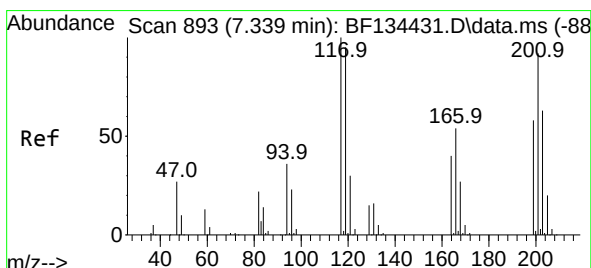
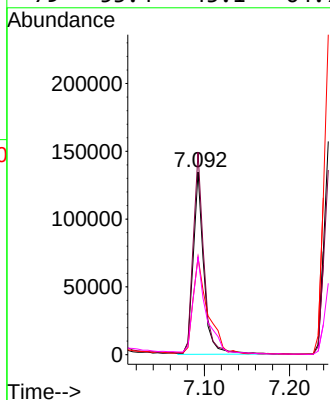
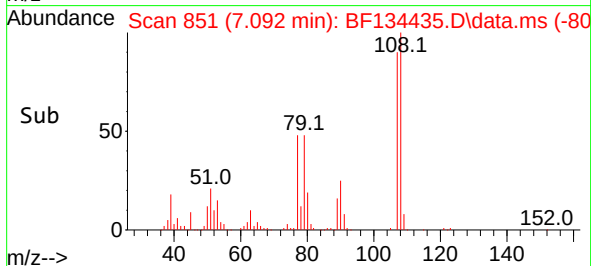


Tgt Ion:107 Resp: 116240
Ion Ratio Lower Upper
107 100
108 110.8 89.4 134.2
77 53.3 42.4 63.6
79 53.4 43.1 64.7

Manual Integrations

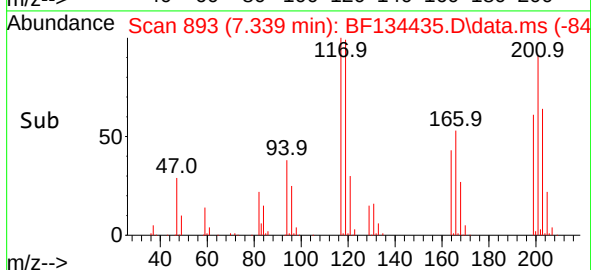
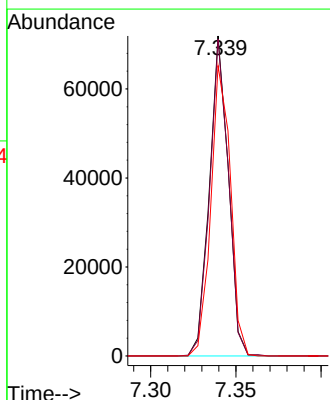
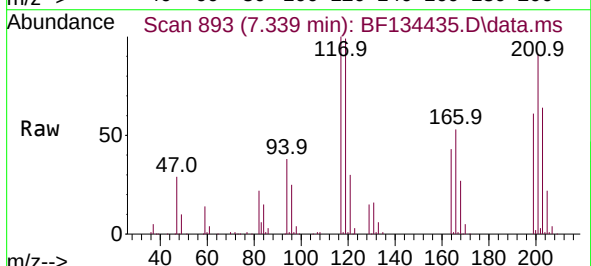
APPROVED

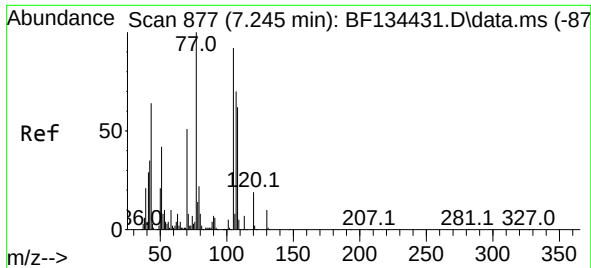
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#18
Hexachloroethane
Concen: 39.159 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Tgt Ion:117 Resp: 55467
Ion Ratio Lower Upper
117 100
119 99.0 75.8 113.8
201 90.7 73.6 110.4





#19
n-Nitroso-di-n-propylamine
Concen: 38.681 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

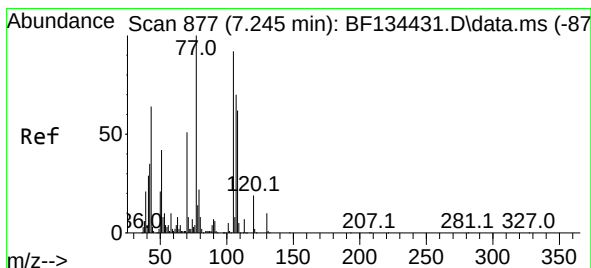
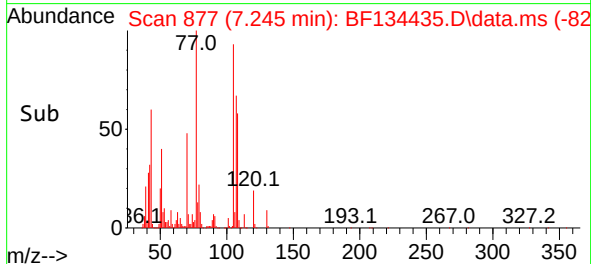
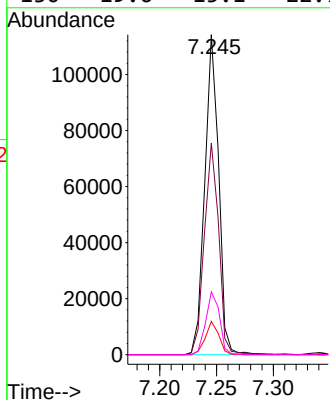
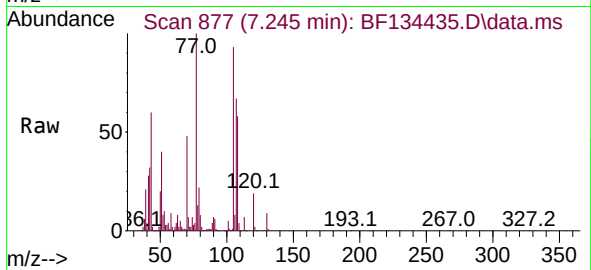
ClientSampleId :

ICVBF072423

Tgt Ion: 70 Resp: 97024
Ion Ratio Lower Upper
70 100
42 66.2 54.7 82.1
101 10.4 8.2 12.2
130 19.6 15.1 22.7

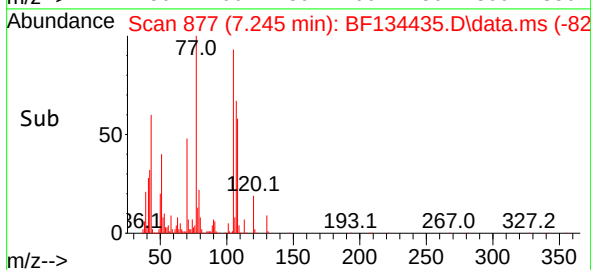
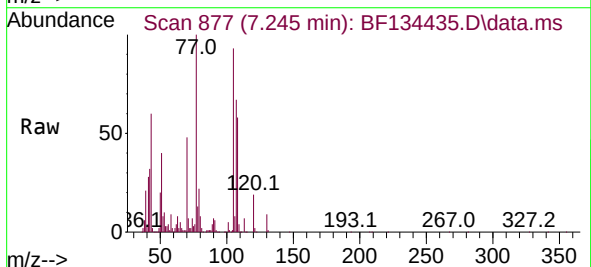
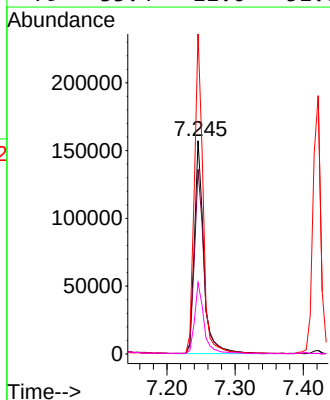
Manual Integrations
APPROVED

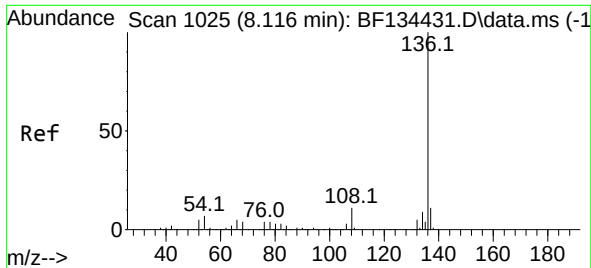
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#20
3+4-Methylphenols
Concen: 39.291 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

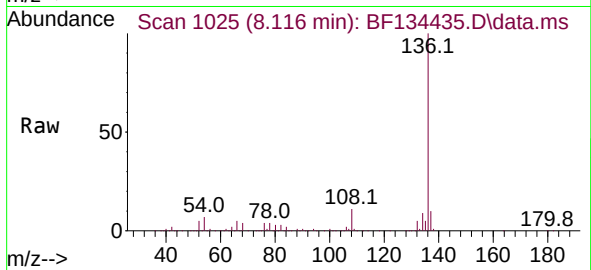
Tgt Ion:107 Resp: 149474
Ion Ratio Lower Upper
107 100
108 86.6 68.1 108.1
77 150.0 122.1 162.1
79 33.4 11.0 51.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

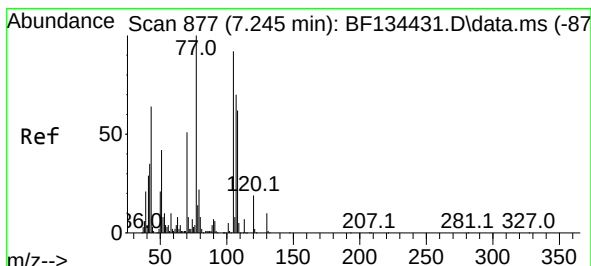
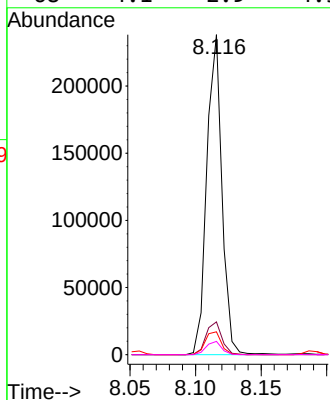
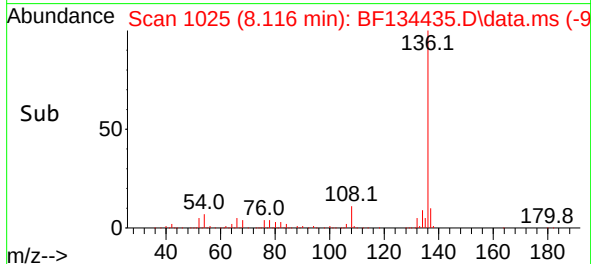
Instrument :
BNA_F
ClientSampleId :
ICVBF072423



Tgt Ion:136 Resp: 191699
Ion Ratio Lower Upper
136 100
137 10.2 8.4 12.6
54 7.2 5.2 7.8
68 4.1 2.9 4.3

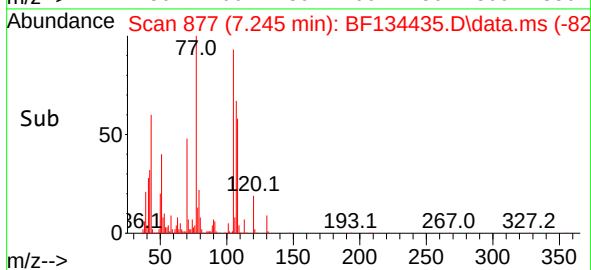
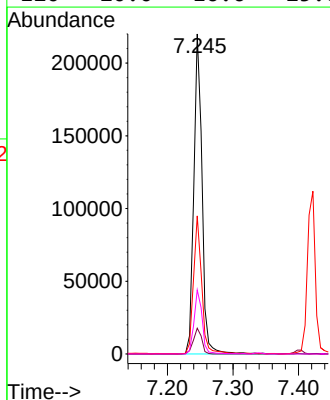
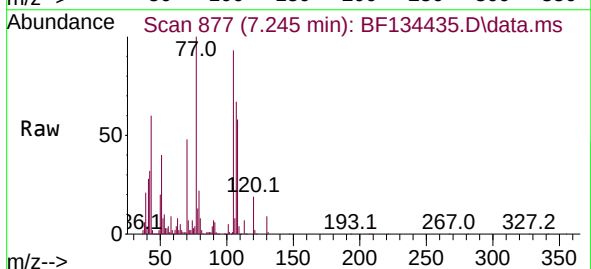
Manual Integrations
APPROVED

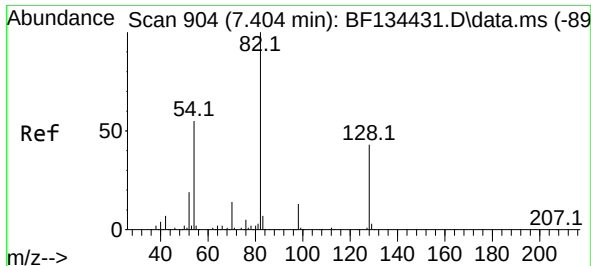
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#22
Acetophenone
Concen: 40.320 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Tgt Ion:105 Resp: 192226
Ion Ratio Lower Upper
105 100
71 8.0 7.4 11.0
51 43.2 36.4 54.6
120 20.0 16.6 25.0





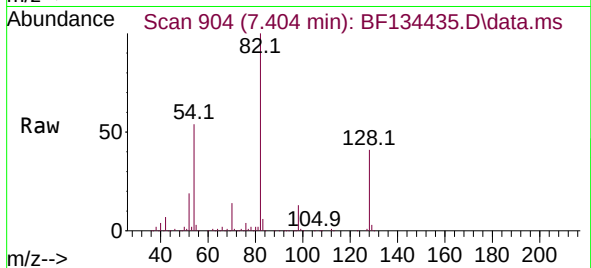
#23
Nitrobenzene-d5
Concen: 83.445 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

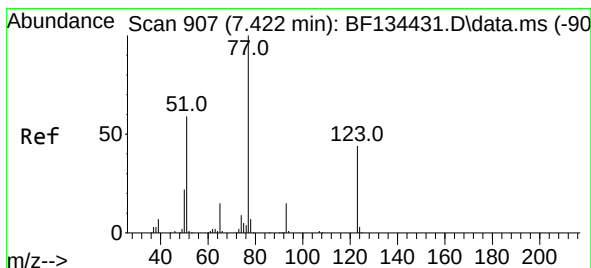
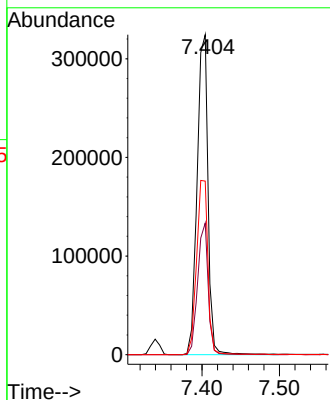
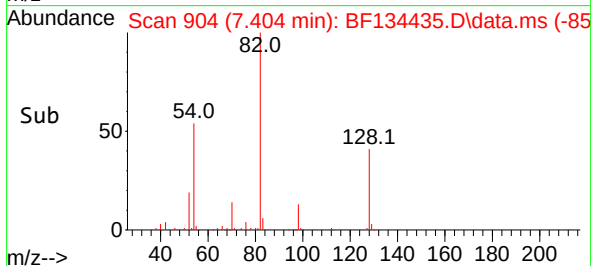
ICVBF072423



Tgt Ion: 82 Resp: 316162
Ion Ratio Lower Upper
82 100
128 41.2 34.3 51.5
54 54.3 43.8 65.6

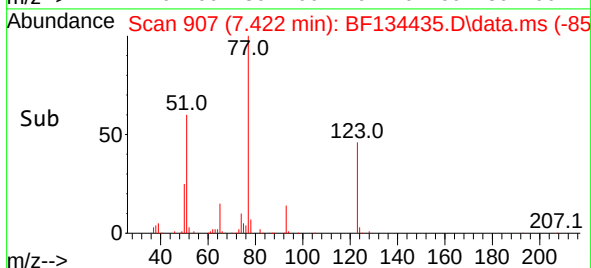
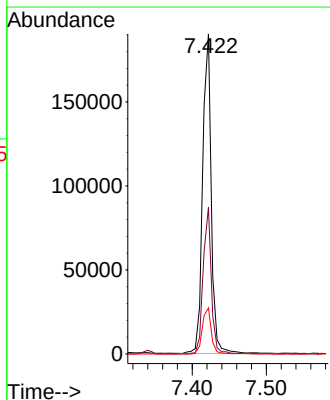
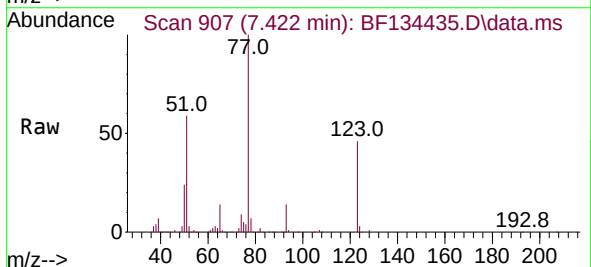
Manual Integrations
APPROVED

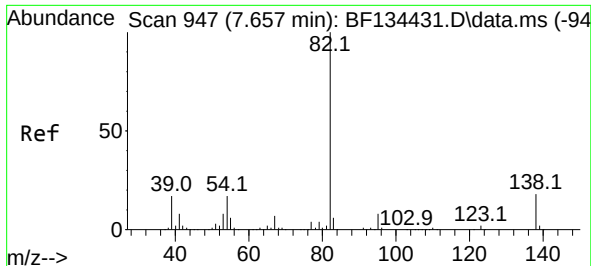
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#24
Nitrobenzene
Concen: 40.867 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Tgt Ion: 77 Resp: 153989
Ion Ratio Lower Upper
77 100
123 45.9 35.5 53.3
65 14.4 11.9 17.9





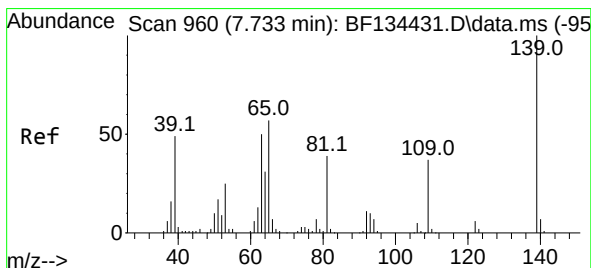
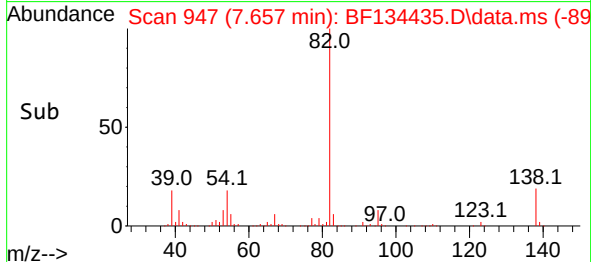
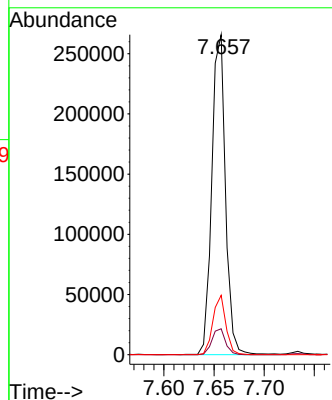
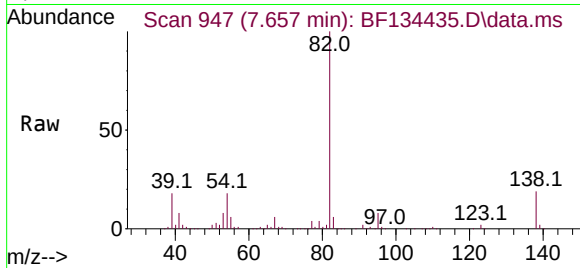
#25
Isophorone
Concen: 40.103 ng
RT: 7.657 min Scan# 947
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Instrument :
BNA_F
ClientSampleId :
ICVBF072423

Tgt Ion: 82 Resp: 25323
Ion Ratio Lower Upper
82 100
95 8.1 6.0 9.0
138 18.6 14.6 22.0

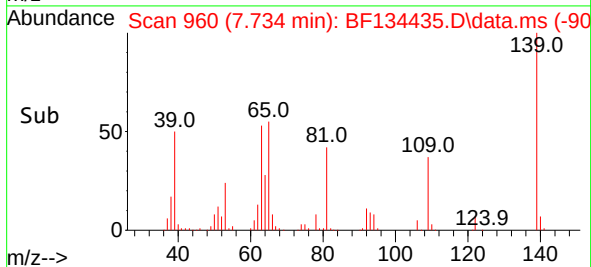
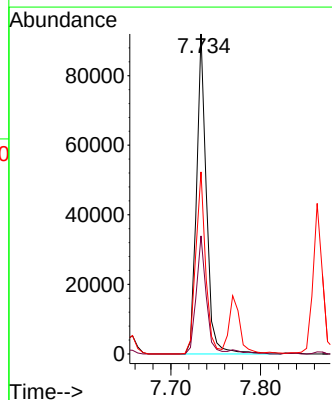
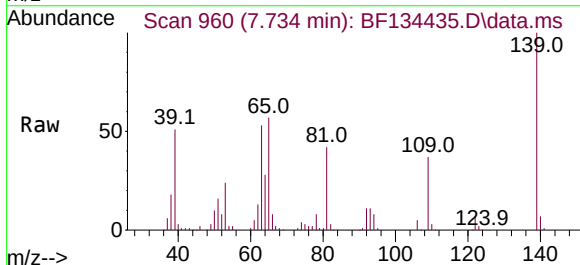
Manual Integrations
APPROVED

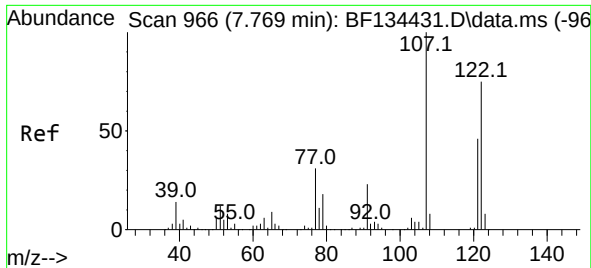
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#26
2-Nitrophenol
Concen: 40.952 ng
RT: 7.734 min Scan# 960
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Tgt Ion:139 Resp: 70973
Ion Ratio Lower Upper
139 100
109 36.9 29.8 44.6
65 56.9 45.4 68.2





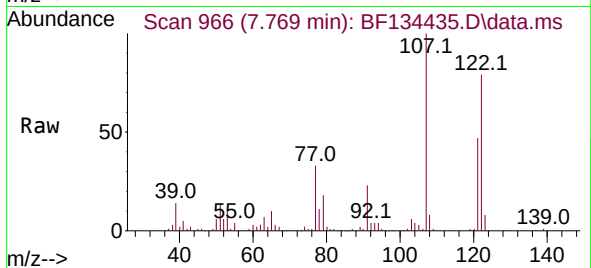
#27
2,4-Dimethylphenol
Concen: 41.429 ng
RT: 7.769 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

ICVBF072423

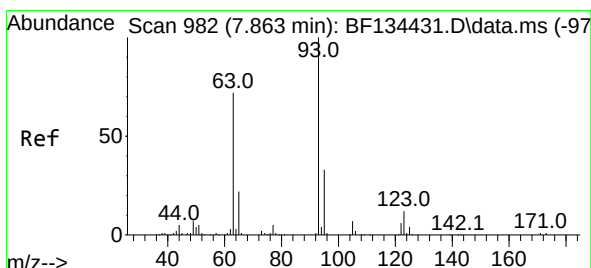
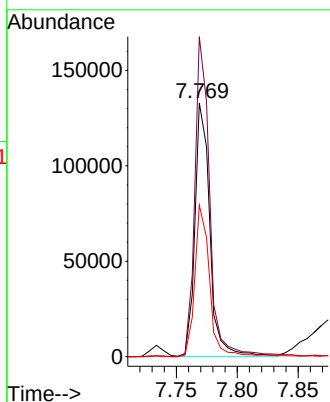
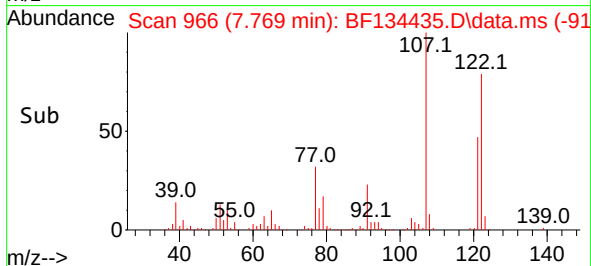


Tgt Ion:122 Resp: 113300
Ion Ratio Lower Upper
122 100
107 126.1 106.7 160.1
121 59.7 49.0 73.6

Manual Integrations

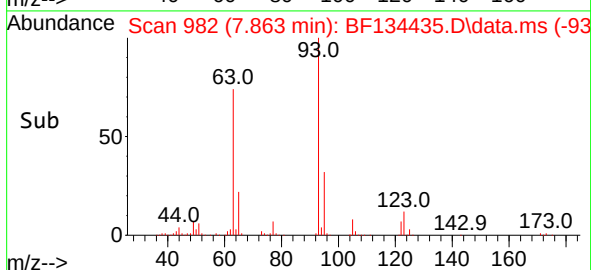
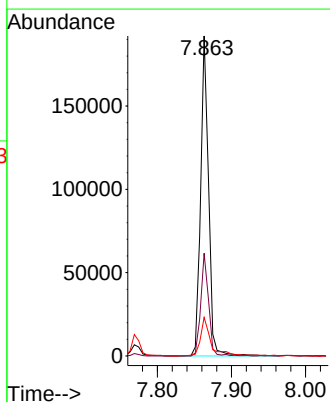
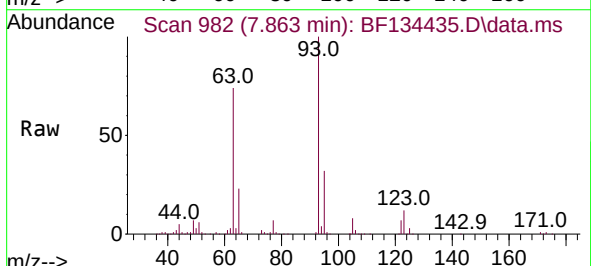
APPROVED

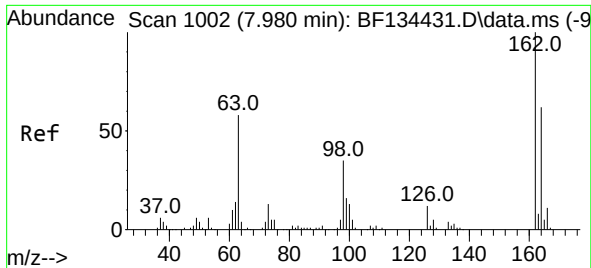
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#28
bis(2-Chloroethoxy)methane
Concen: 40.472 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Tgt Ion: 93 Resp: 142251
Ion Ratio Lower Upper
93 100
95 32.1 26.5 39.7
123 12.1 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 40.572 ng

RT: 7.975 min Scan# 1001

Delta R.T. -0.006 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

ICVBF072423

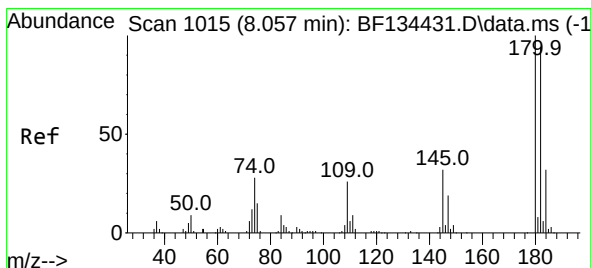
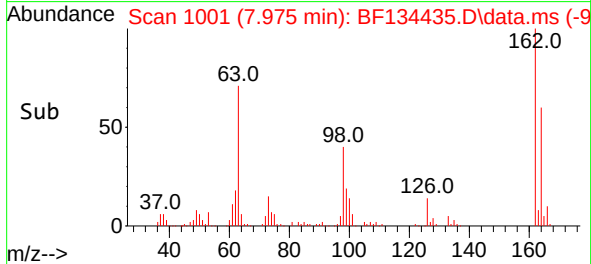
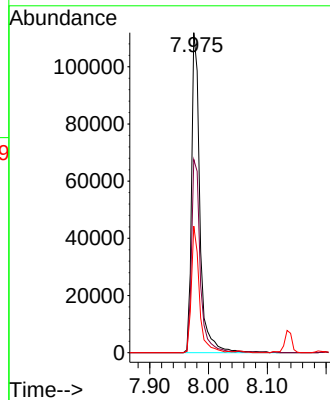
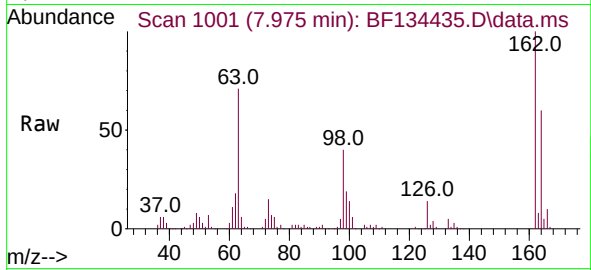
Tgt Ion:162 Resp: 110924
 Ion Ratio Lower Upper
 162 100
 164 60.3 42.2 82.2
 98 39.5 15.5 55.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#30

1,2,4-Trichlorobenzene

Concen: 40.054 ng

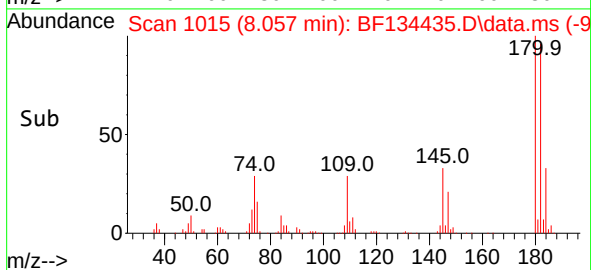
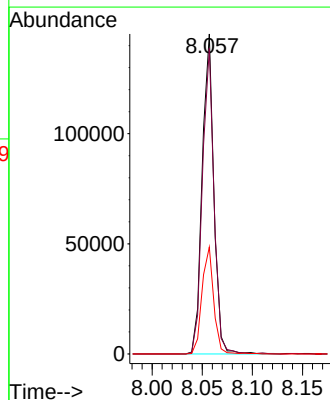
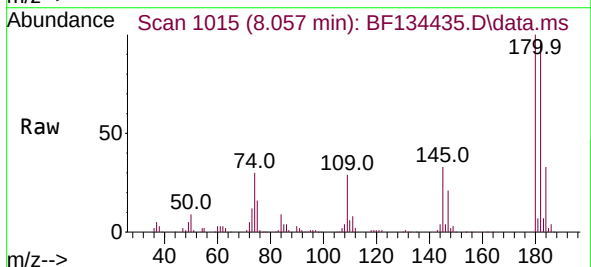
RT: 8.057 min Scan# 1015

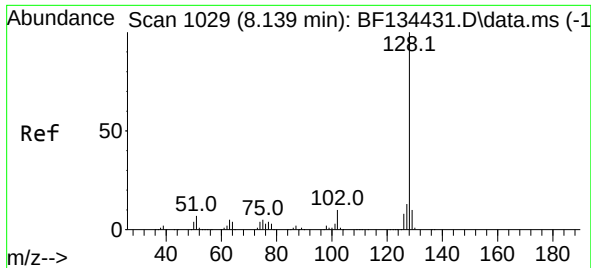
Delta R.T. 0.000 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

Tgt Ion:180 Resp: 118125
 Ion Ratio Lower Upper
 180 100
 182 95.5 75.0 112.6
 145 33.4 25.5 38.3





#31
Naphthalene
Concen: 40.147 ng
RT: 8.134 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

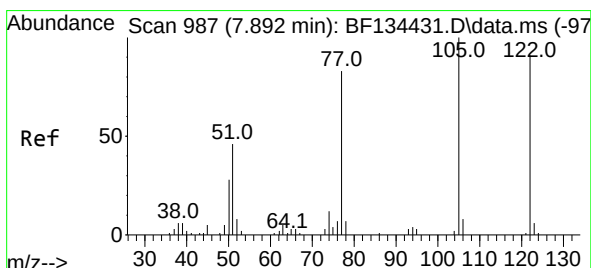
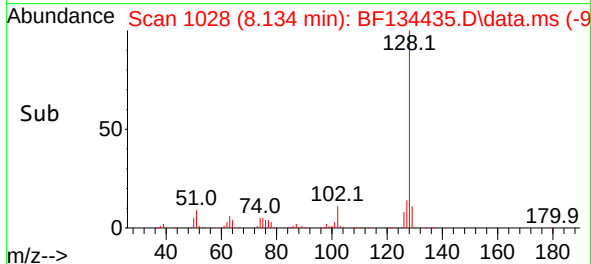
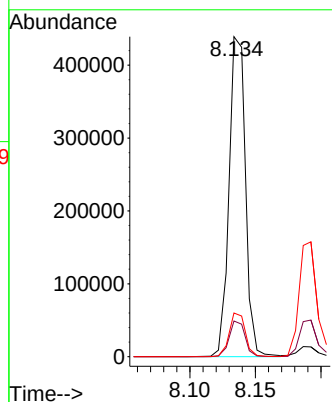
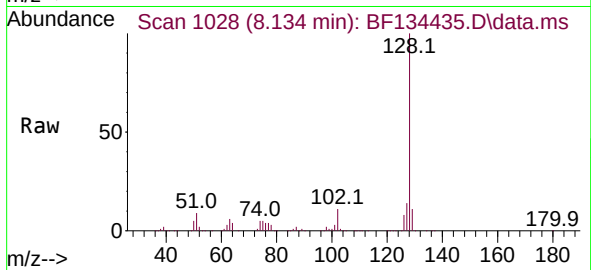
ClientSampleId :

ICVBF072423

Tgt Ion:128 Resp: 38301
Ion Ratio Lower Upper
128 100
129 11.2 8.4 12.6
127 13.7 10.7 16.1

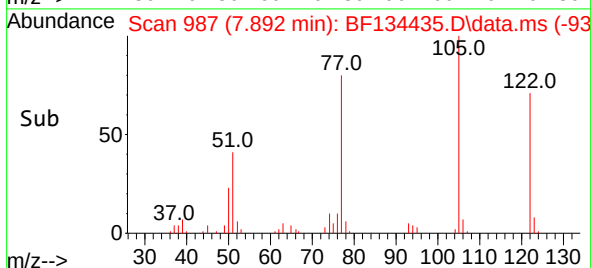
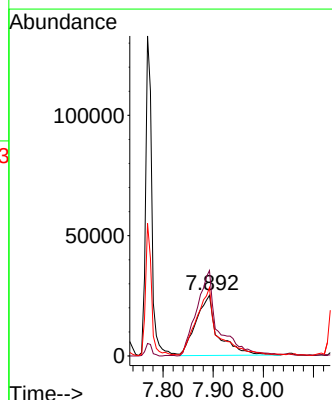
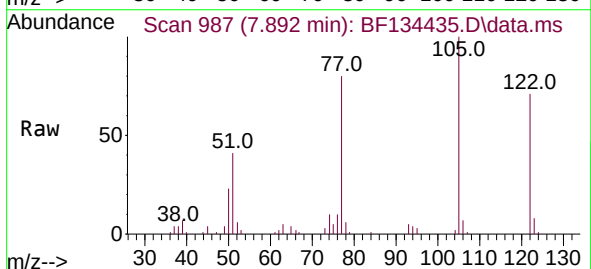
Manual Integrations
APPROVED

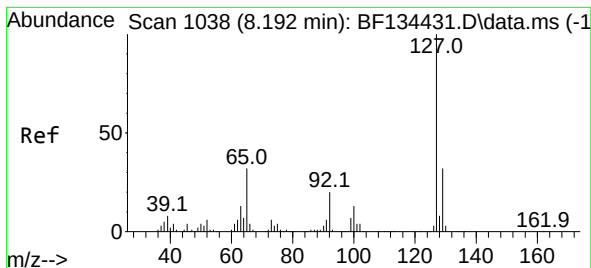
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#32
Benzoic acid
Concen: 41.715 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Tgt Ion:122 Resp: 76207
Ion Ratio Lower Upper
122 100
105 140.8 87.5 127.5#
77 112.9 71.4 111.4#





#33
4-Chloroaniline
Concen: 40.558 ng
RT: 8.192 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

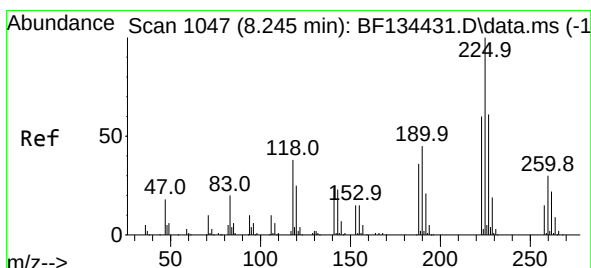
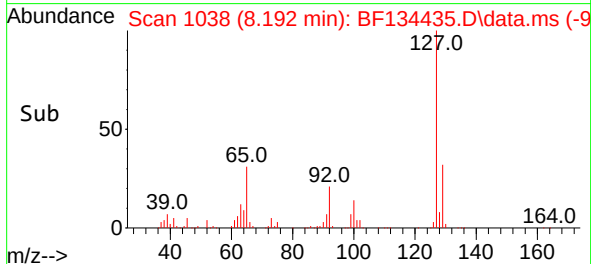
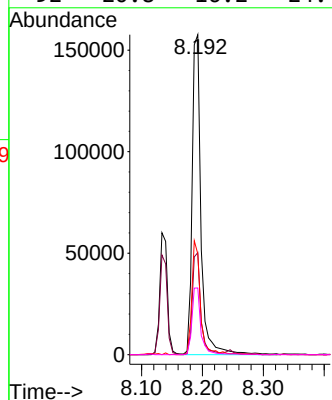
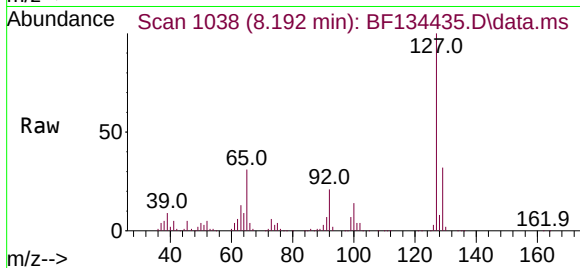
ICVBF072423

Tgt Ion:127 Resp: 15994
Ion Ratio Lower Upper
127 100
129 31.9 25.6 38.4
65 31.5 25.4 38.0
92 20.8 16.2 24.4

Manual Integrations

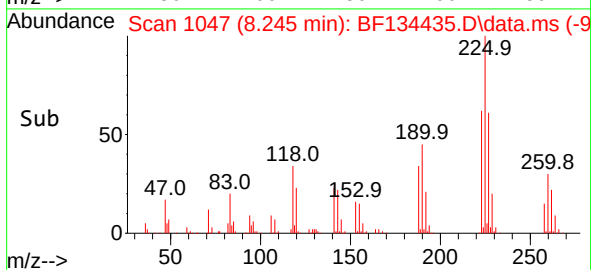
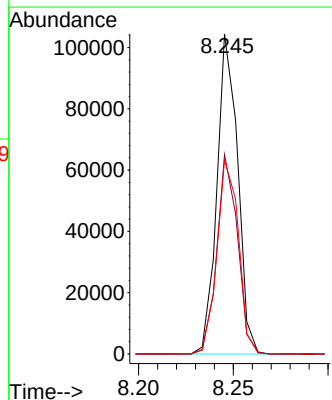
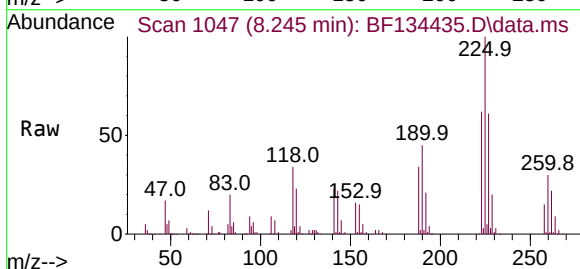
APPROVED

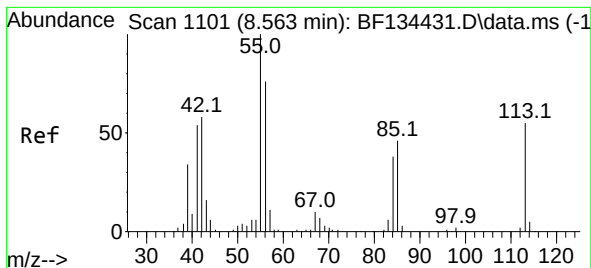
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#34
Hexachlorobutadiene
Concen: 40.192 ng
RT: 8.245 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Tgt Ion:225 Resp: 79406
Ion Ratio Lower Upper
225 100
223 62.3 48.2 72.4
227 60.5 48.5 72.7





#35

Caprolactam

Concen: 40.785 ng

RT: 8.563 min Scan# 1101

Delta R.T. 0.000 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

ICVBF072423

Tgt Ion:113 Resp: 34090

Ion Ratio Lower Upper

113 100

55 192.6 161.5 201.5

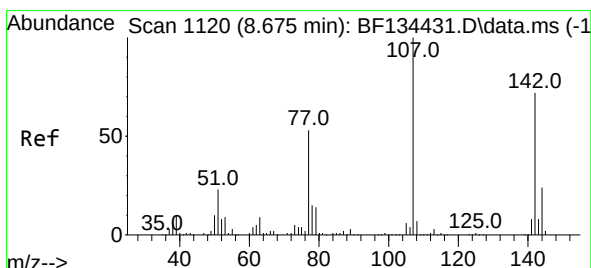
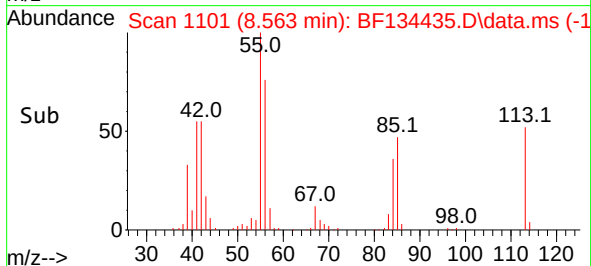
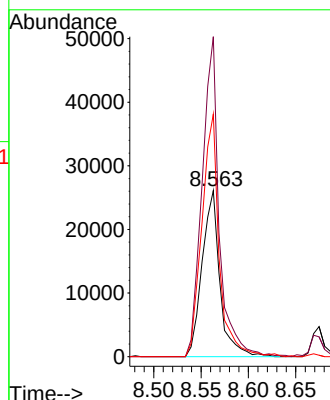
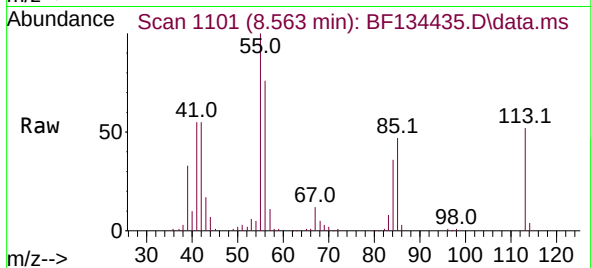
56 146.0 117.8 157.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#36

4-Chloro-3-methylphenol

Concen: 40.350 ng

RT: 8.675 min Scan# 1120

Delta R.T. 0.000 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

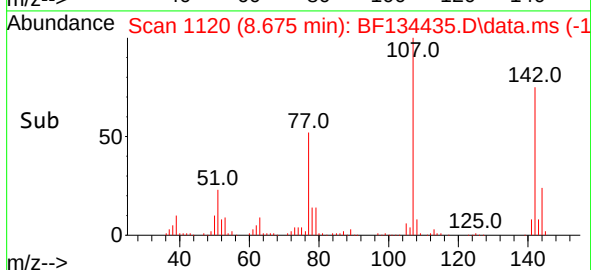
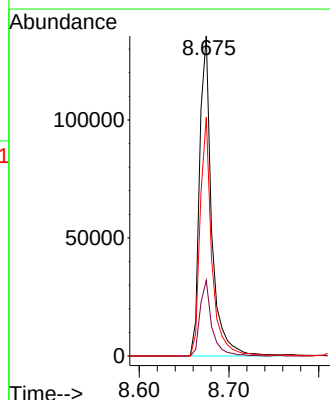
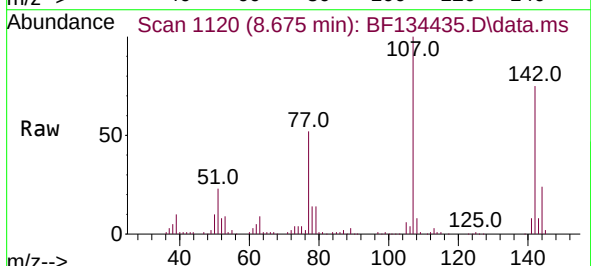
Tgt Ion:107 Resp: 127291

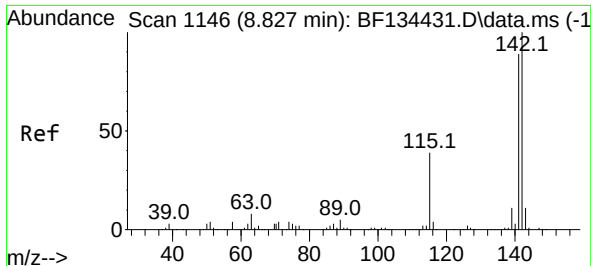
Ion Ratio Lower Upper

107 100

144 23.7 19.6 29.4

142 74.6 57.7 86.5





#37
2-Methylnaphthalene
Concen: 40.005 ng
RT: 8.828 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

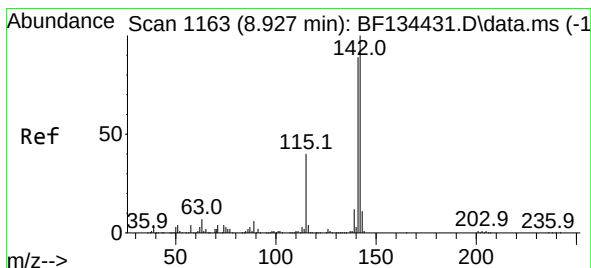
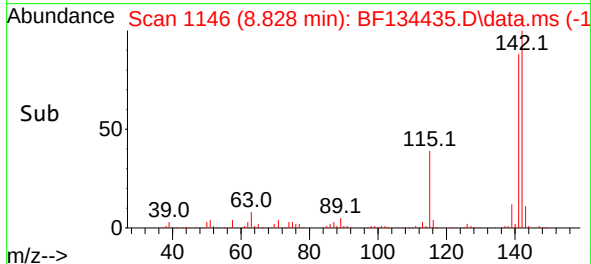
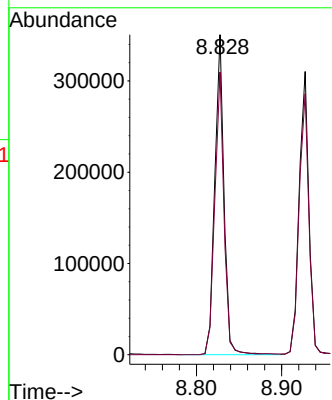
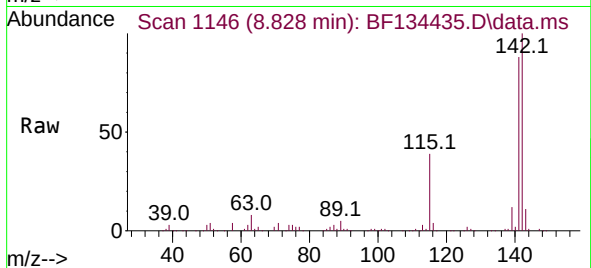
ClientSampleId :

ICVBF072423

Tgt Ion:142 Resp: 265184
Ion Ratio Lower Upper
142 100
141 88.4 70.8 106.2

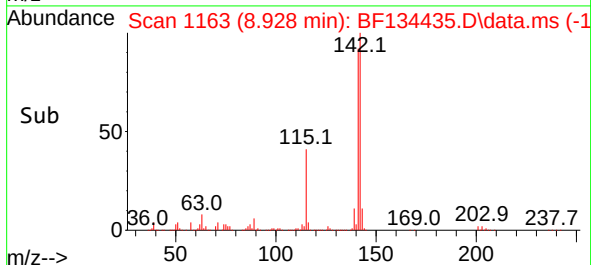
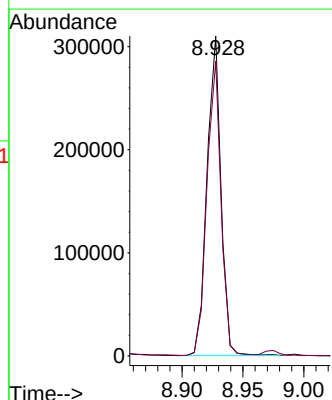
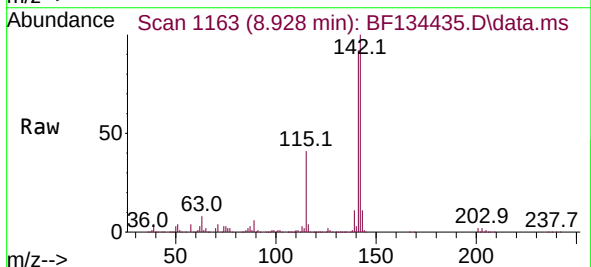
Manual Integrations
APPROVED

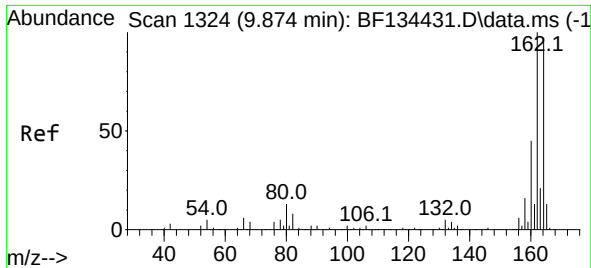
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#38
1-Methylnaphthalene
Concen: 40.115 ng
RT: 8.928 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Tgt Ion:142 Resp: 246692
Ion Ratio Lower Upper
142 100
141 92.2 71.4 107.2





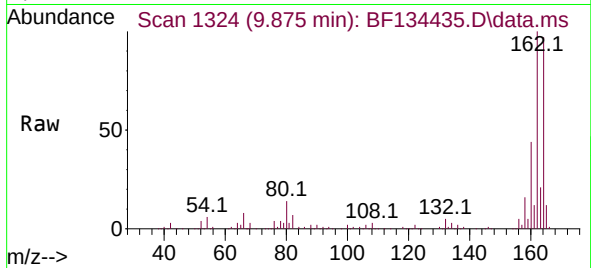
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

ICVBF072423



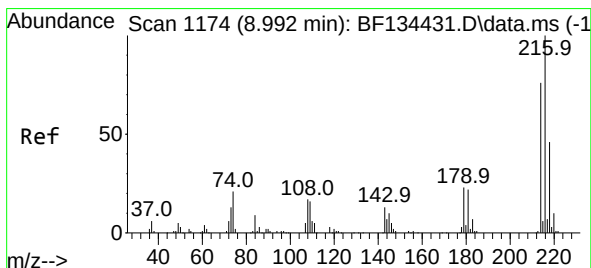
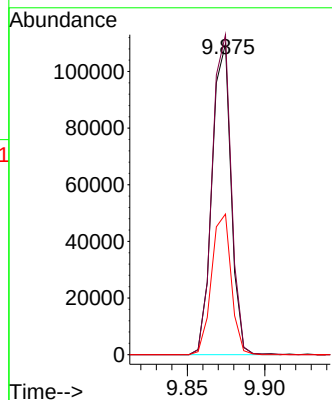
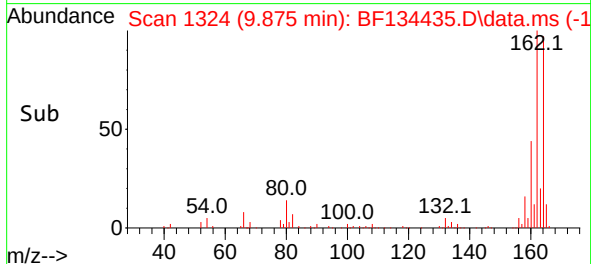
Tgt Ion:164 Resp: 93898
Ion Ratio Lower Upper
164 100
162 103.0 82.6 123.8
160 45.2 37.2 55.8

Manual Integrations

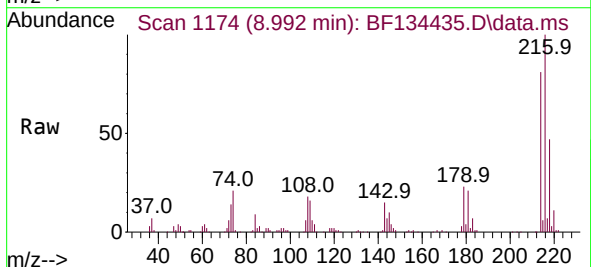
APPROVED

Reviewed By :Yogesh Patel 07/25/2023

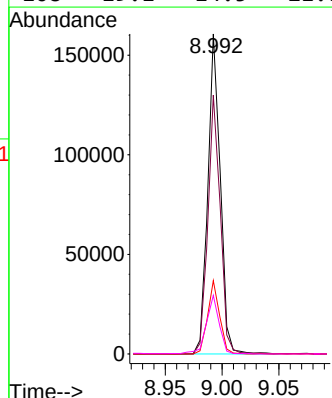
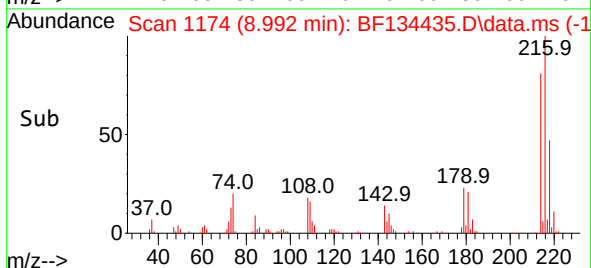
Supervised By :mohammad ahmed 07/25/2023

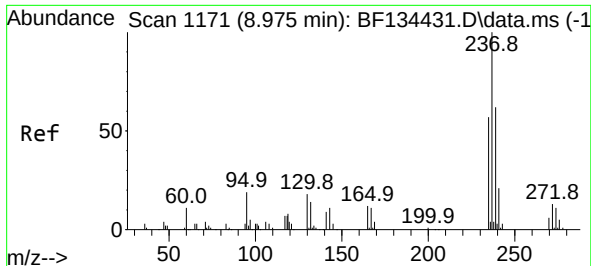


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.968 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16



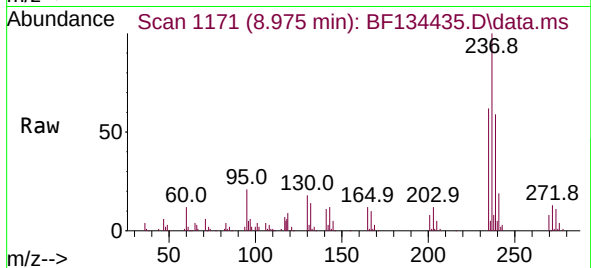
Tgt Ion:216 Resp: 121906
Ion Ratio Lower Upper
216 100
214 80.2 62.3 93.5
179 21.9 17.4 26.0
108 19.1 14.5 21.7





#41
Hexachlorocyclopentadiene
Concen: 41.716 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

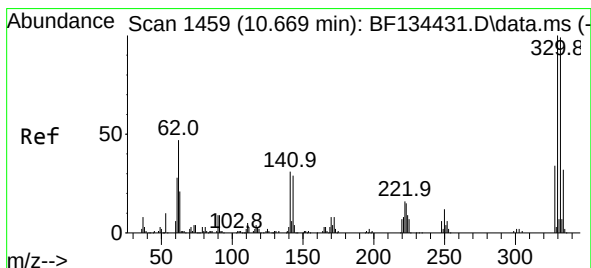
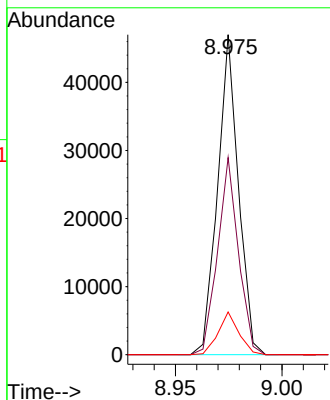
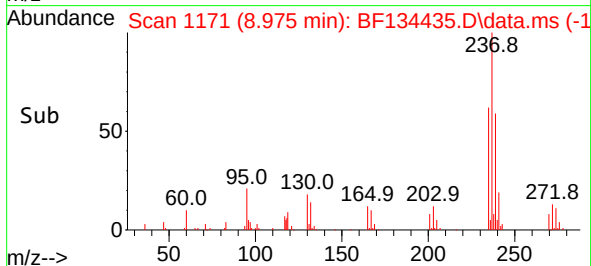
Instrument :
BNA_F
ClientSampleId :
ICVBF072423



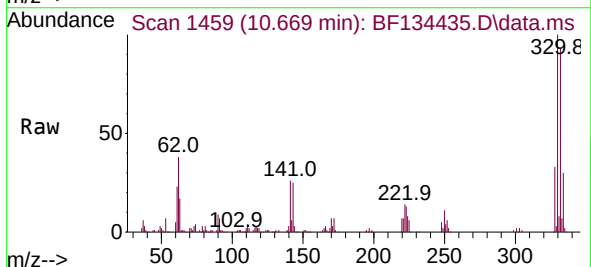
Tgt Ion:237 Resp: 31925
Ion Ratio Lower Upper
237 100
235 61.6 37.0 77.0
272 13.3 0.0 32.7

Manual Integrations
APPROVED

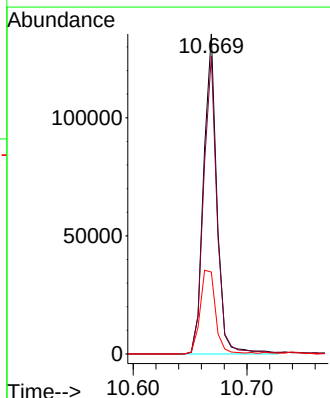
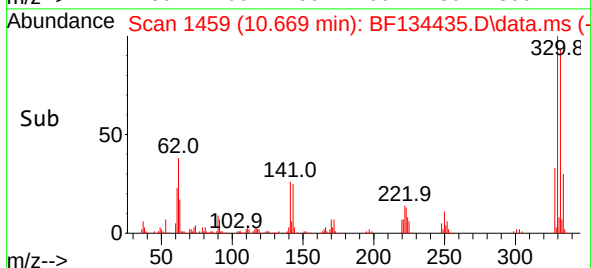
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

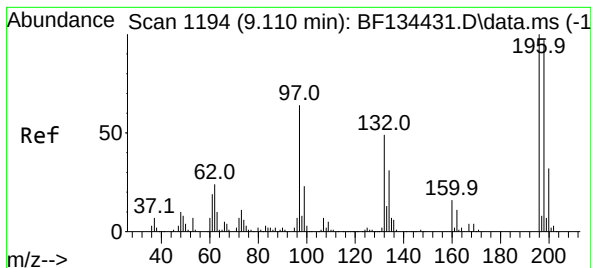


#42
2,4,6-Tribromophenol
Concen: 82.241 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16



Tgt Ion:330 Resp: 109719
Ion Ratio Lower Upper
330 100
332 94.2 78.8 118.2
141 30.5 25.4 38.2





#43
2,4,6-Trichlorophenol
Concen: 40.531 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

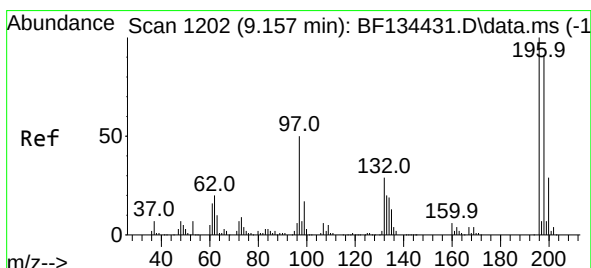
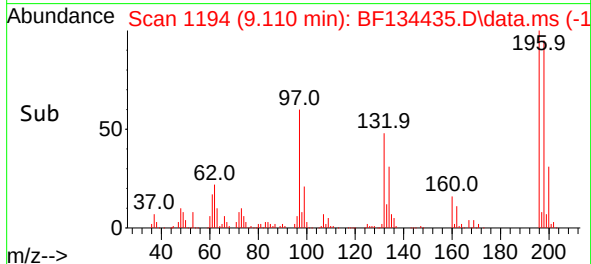
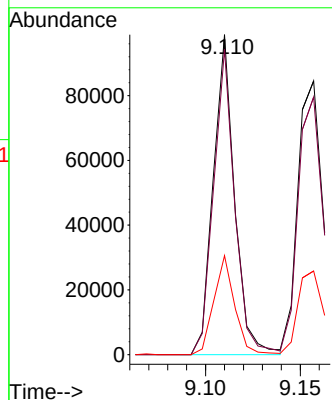
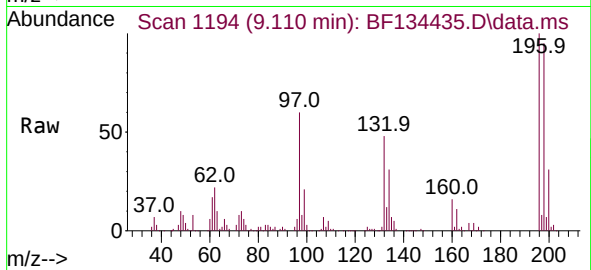
ICVBF072423

Tgt Ion:196 Resp: 7737
Ion Ratio Lower Upper
196 100
198 95.5 77.4 116.2
200 30.9 25.4 38.2

Manual Integrations

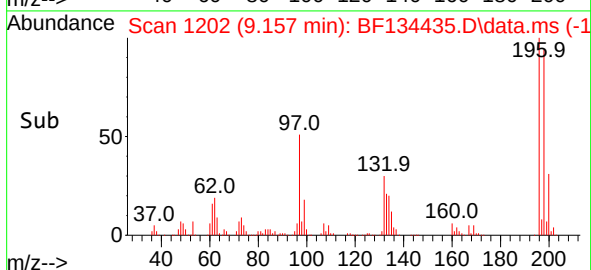
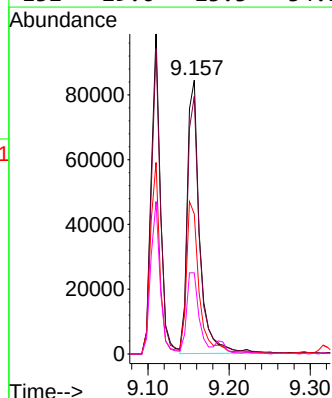
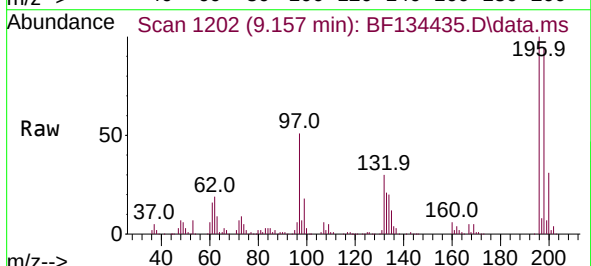
APPROVED

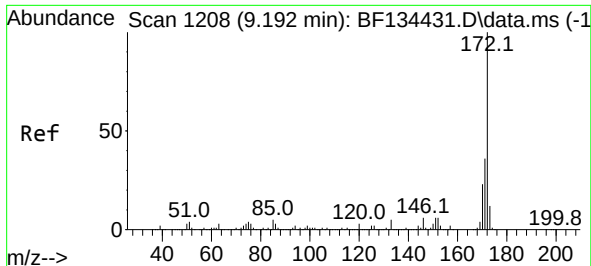
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#44
2,4,5-Trichlorophenol
Concen: 40.214 ng
RT: 9.157 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Tgt Ion:196 Resp: 89439
Ion Ratio Lower Upper
196 100
198 94.1 73.0 109.4
97 51.2 40.8 61.2
132 29.6 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 80.759 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

ICVBF072423

Tgt Ion:172 Resp: 57763

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

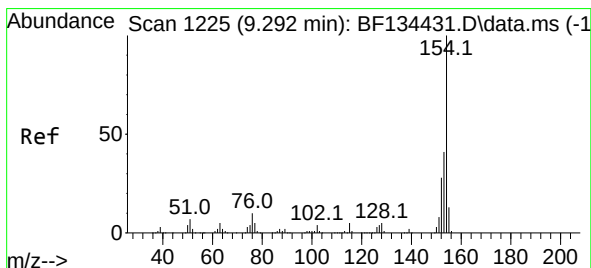
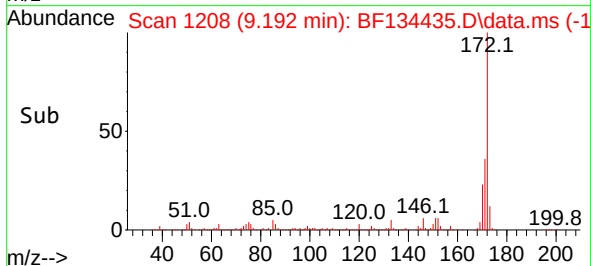
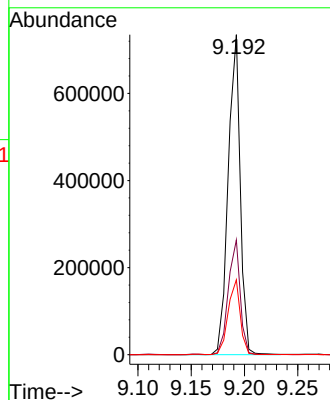
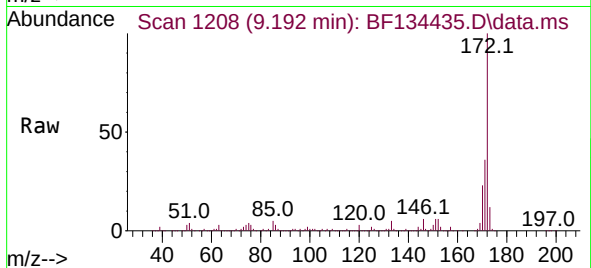
170 23.4 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#46

1,1'-Biphenyl

Concen: 40.371 ng

RT: 9.292 min Scan# 1225

Delta R.T. 0.000 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

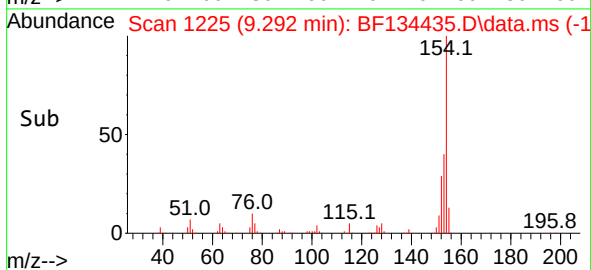
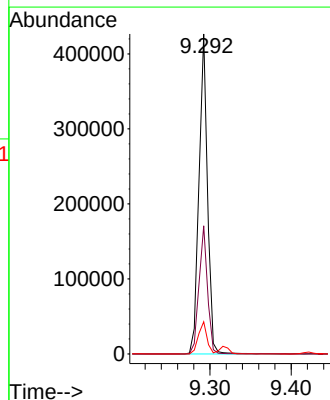
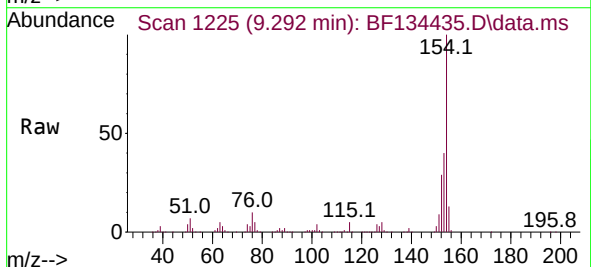
Tgt Ion:154 Resp: 312434

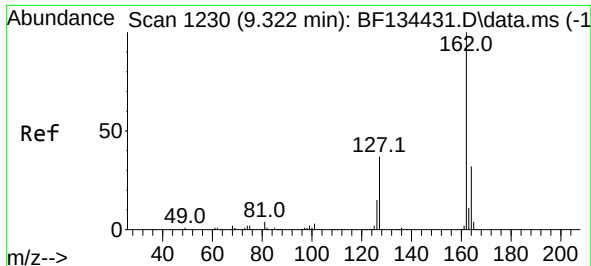
Ion Ratio Lower Upper

154 100

153 40.0 20.8 60.8

76 10.1 0.0 30.2





#47

2-Chloronaphthalene

Concen: 40.366 ng

RT: 9.316 min Scan# 1229

Delta R.T. -0.006 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

ICVBF072423

Tgt Ion:162 Resp: 23030

Ion Ratio Lower Upper

162 100

127 45.4 34.0 51.0

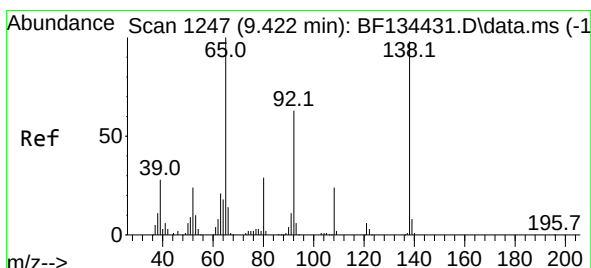
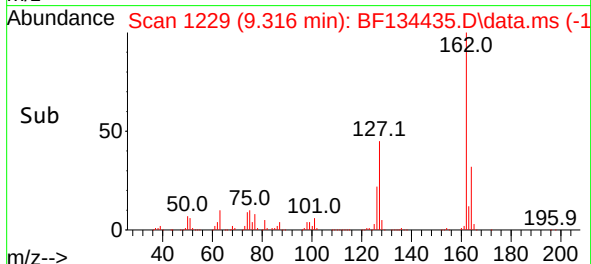
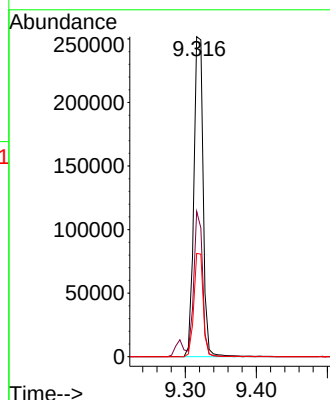
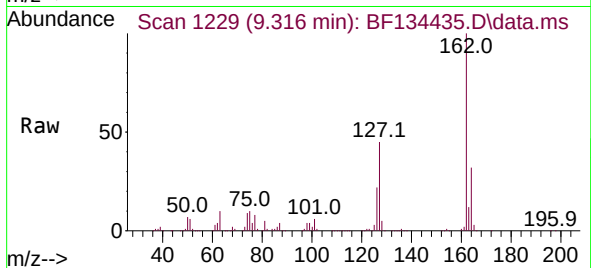
164 32.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#48

2-Nitroaniline

Concen: 42.063 ng

RT: 9.422 min Scan# 1247

Delta R.T. 0.000 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

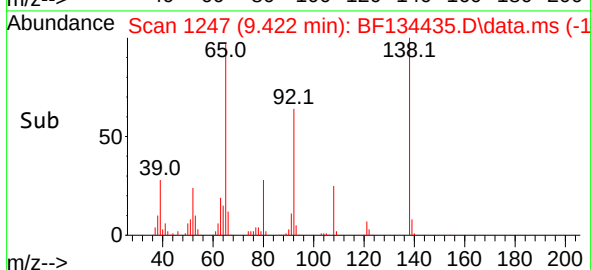
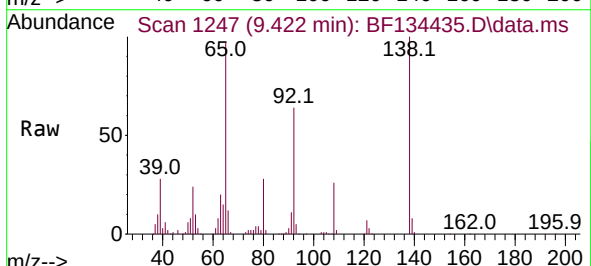
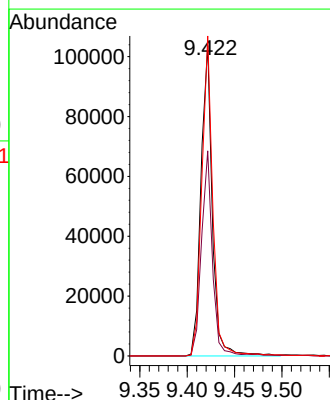
Tgt Ion: 65 Resp: 86430

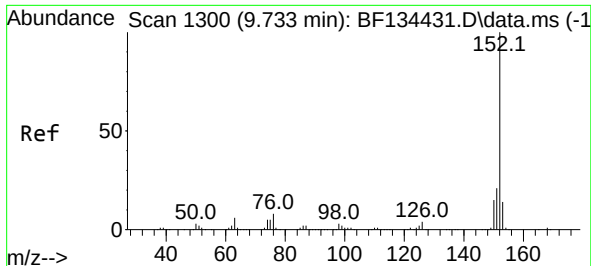
Ion Ratio Lower Upper

65 100

92 66.1 50.7 76.1

138 103.1 78.2 117.4





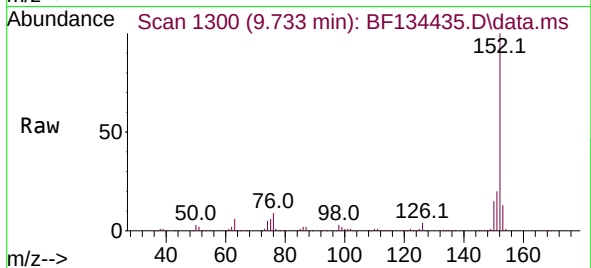
#49
Acenaphthylene
Concen: 40.216 ng
RT: 9.733 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

ICVBF072423



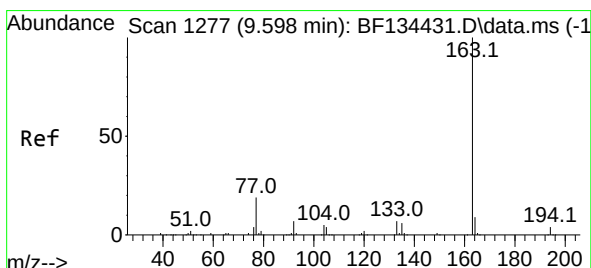
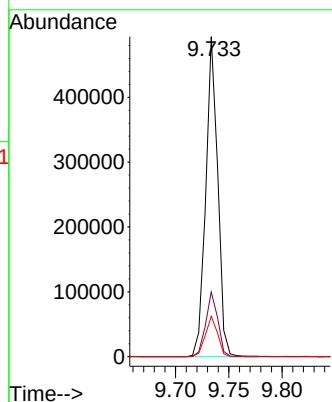
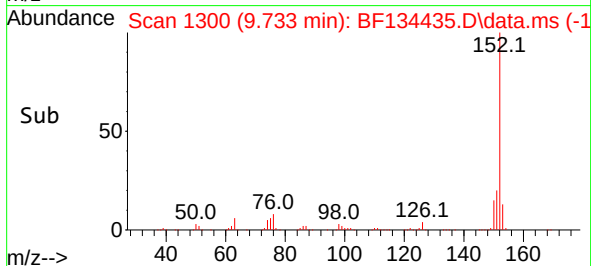
Tgt Ion:152 Resp: 38763
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 12.6 10.9 16.3

Manual Integrations

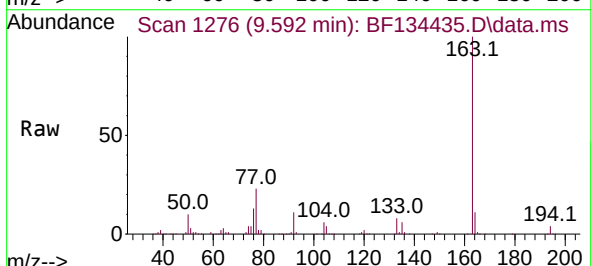
APPROVED

Reviewed By :Yogesh Patel 07/25/2023

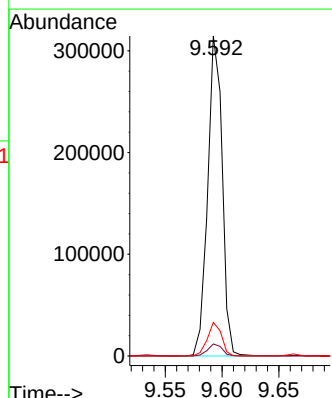
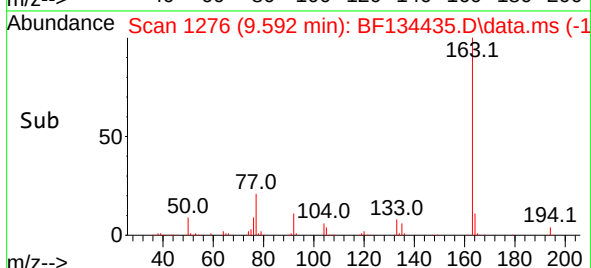
Supervised By :mohammad ahmed 07/25/2023

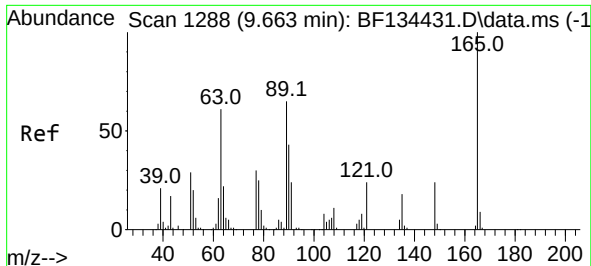


#50
Dimethylphthalate
Concen: 40.055 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16



Tgt Ion:163 Resp: 278812
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.5 7.5 11.3





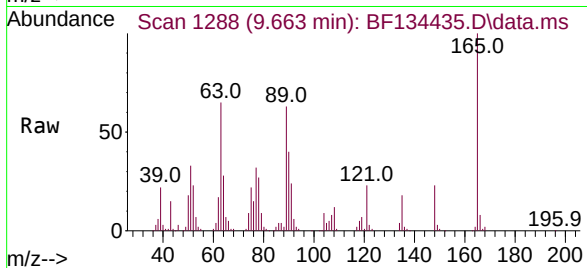
#51
2,6-Dinitrotoluene
Concen: 40.030 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

ICVBF072423

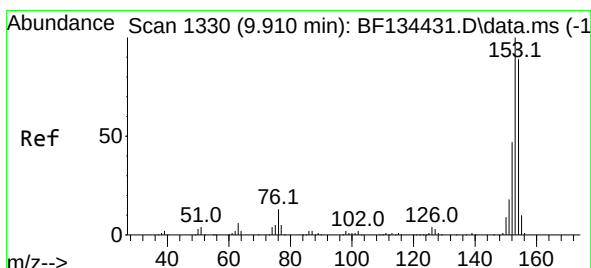
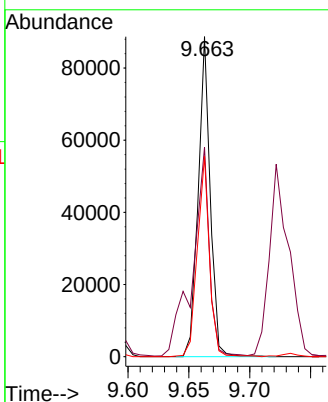
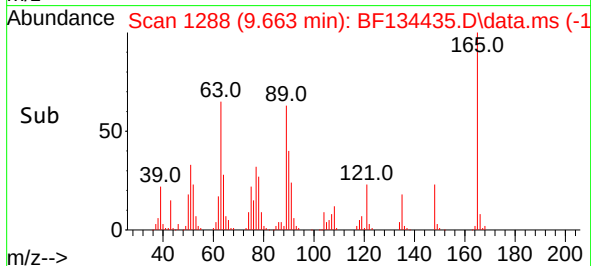


Tgt Ion:165 Resp: 61139
Ion Ratio Lower Upper
165 100
63 65.5 57.8 86.6
89 62.7 51.8 77.8

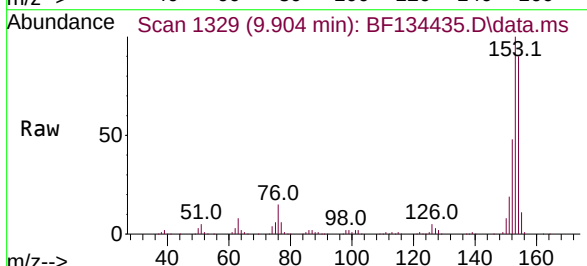
Manual Integrations

APPROVED

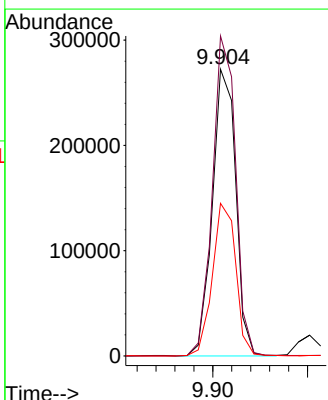
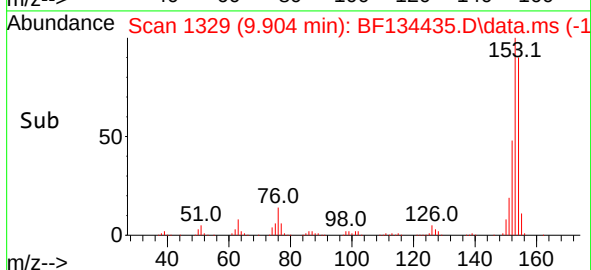
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

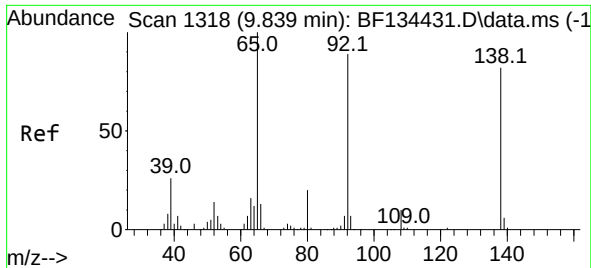


#52
Acenaphthene
Concen: 41.070 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16



Tgt Ion:154 Resp: 233847
Ion Ratio Lower Upper
154 100
153 111.6 90.0 135.0
152 53.2 42.4 63.6





#53
3-Nitroaniline
Concen: 41.598 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

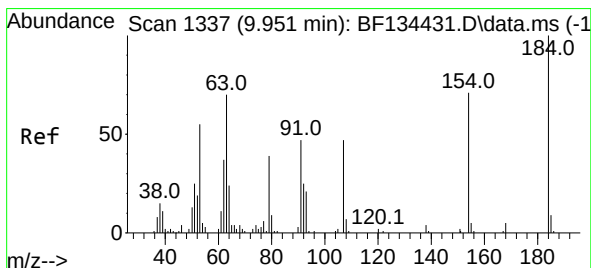
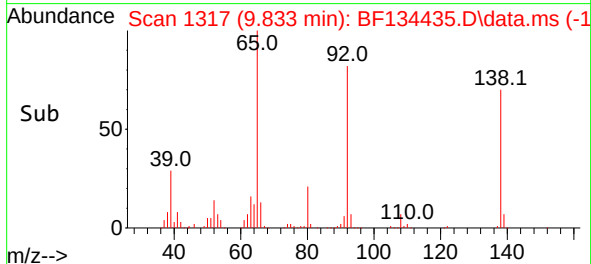
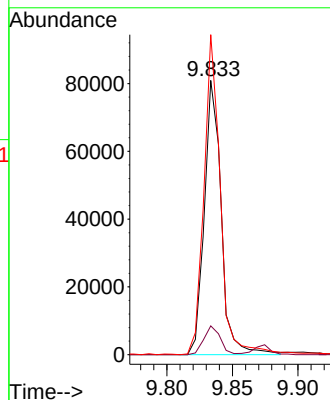
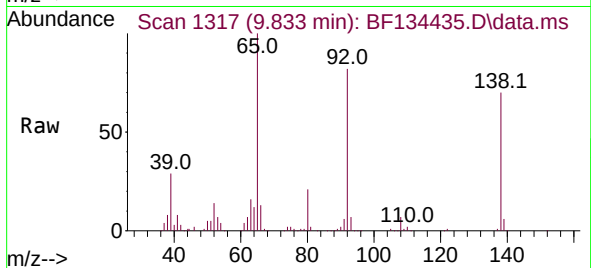
ICVBF072423

Tgt Ion:138 Resp: 72844
Ion Ratio Lower Upper
138 100
108 10.5 9.3 13.9
92 116.7 86.6 129.8

Manual Integrations

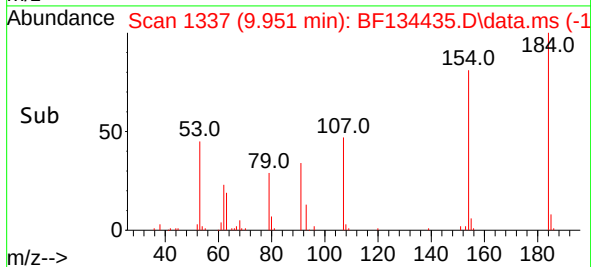
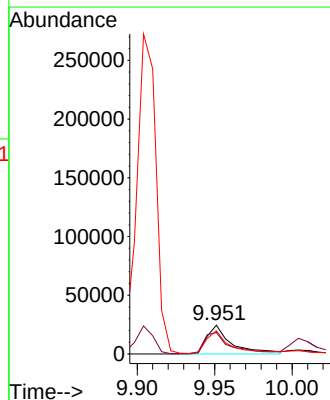
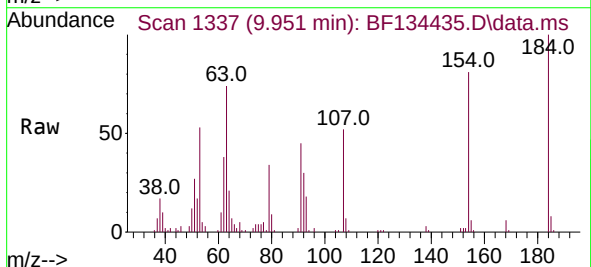
APPROVED

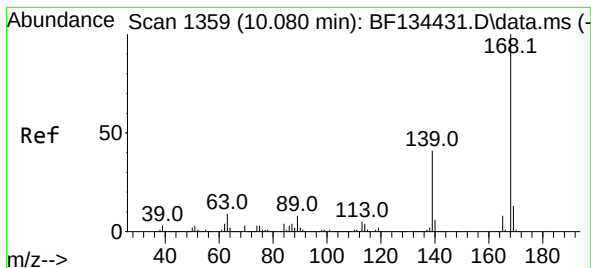
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#54
2,4-Dinitrophenol
Concen: 37.380 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Tgt Ion:184 Resp: 26897
Ion Ratio Lower Upper
184 100
63 74.4 57.1 85.7
154 80.6 59.1 88.7





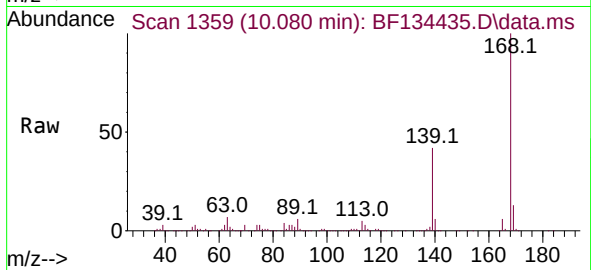
#55
Dibenzofuran
Concen: 40.272 ng
RT: 10.080 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

ICVBF072423

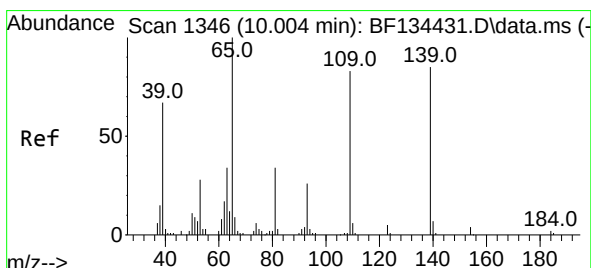
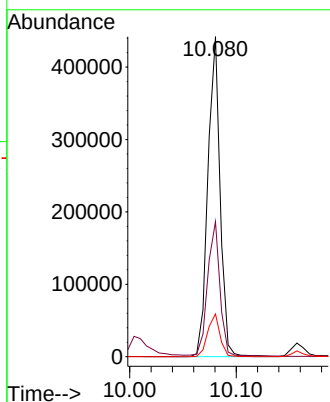
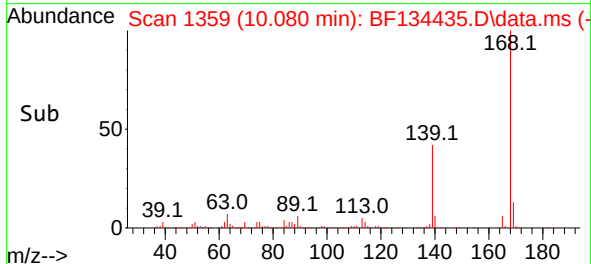


Tgt Ion:168 Resp: 352918
Ion Ratio Lower Upper
168 100
139 42.2 33.4 50.2
169 13.3 10.6 15.8

Manual Integrations

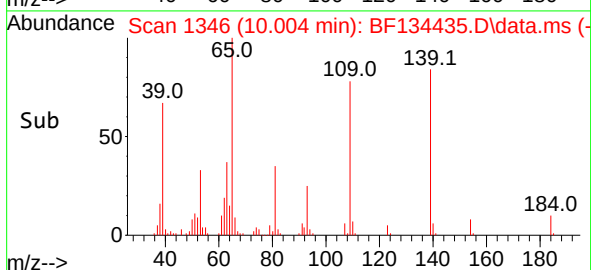
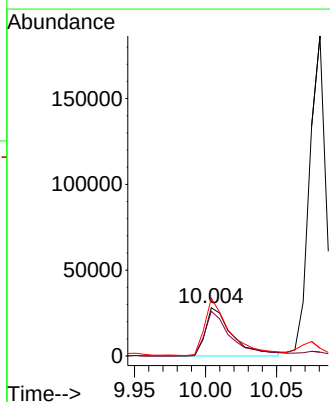
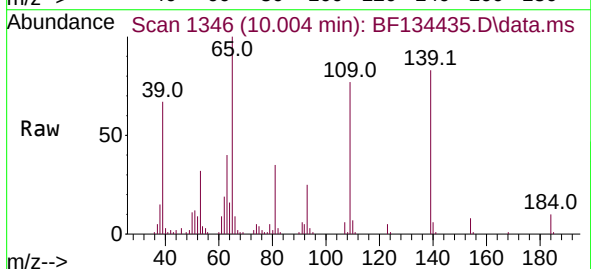
APPROVED

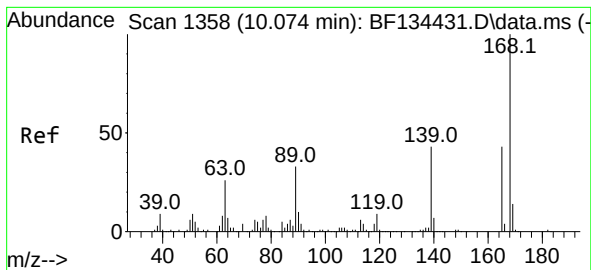
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#56
4-Nitrophenol
Concen: 39.250 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Tgt Ion:139 Resp: 36653
Ion Ratio Lower Upper
139 100
109 92.8 76.9 116.9
65 120.0 98.5 138.5





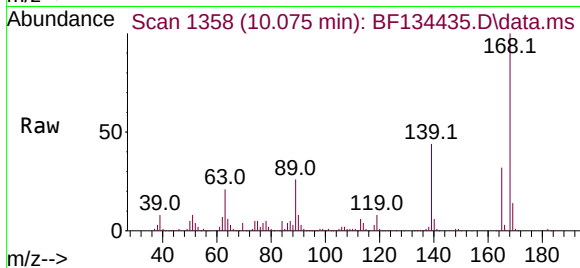
#57
2,4-Dinitrotoluene
Concen: 41.664 ng
RT: 10.075 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

ICVBF072423

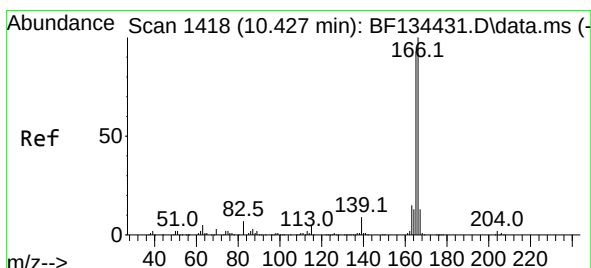
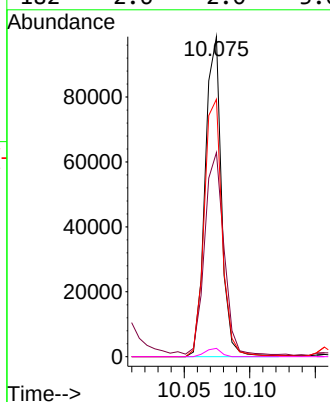
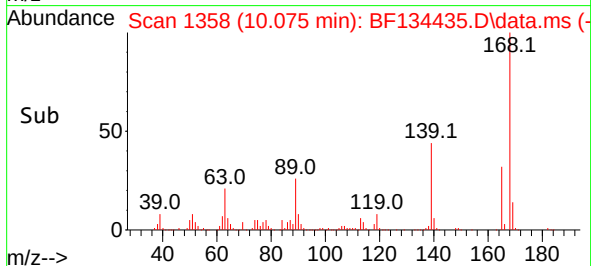


Tgt Ion:165 Resp: 8547
Ion Ratio Lower Upper
165 100
63 63.8 48.9 73.3
89 80.5 61.7 92.5
182 2.6 2.0 3.0

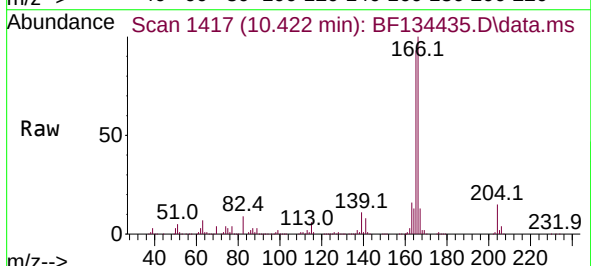
Manual Integrations

APPROVED

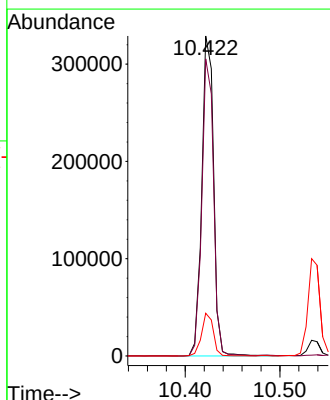
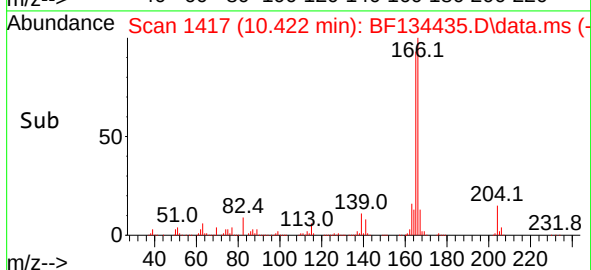
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

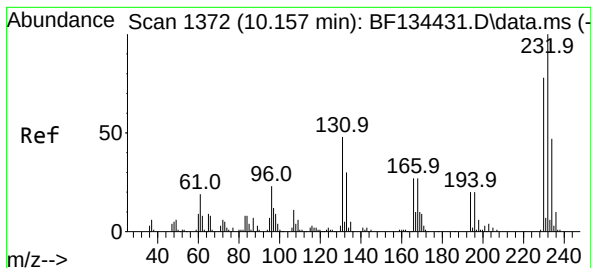


#58
Fluorene
Concen: 40.390 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.005 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16



Tgt Ion:166 Resp: 285543
Ion Ratio Lower Upper
166 100
165 92.8 74.5 111.7
167 13.3 10.6 16.0





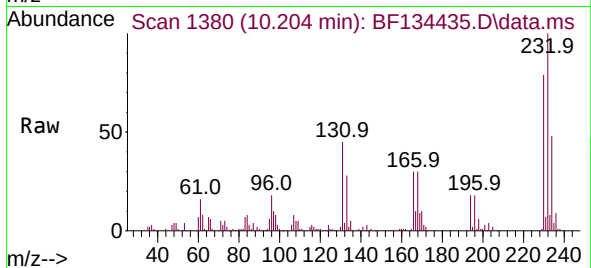
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.536 ng m
RT: 10.204 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

ICVBF072423

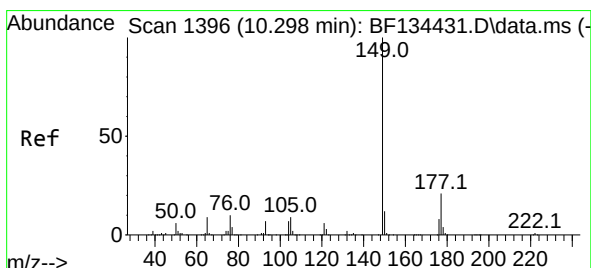
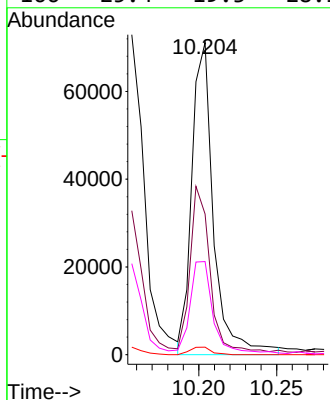
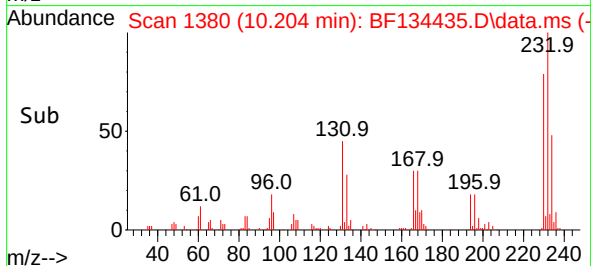


Tgt Ion:232 Resp: 69260
Ion Ratio Lower Upper
232 100
131 41.7 33.4 50.0
130 2.2 1.8 2.6
166 25.4 19.3 28.9

Manual Integrations

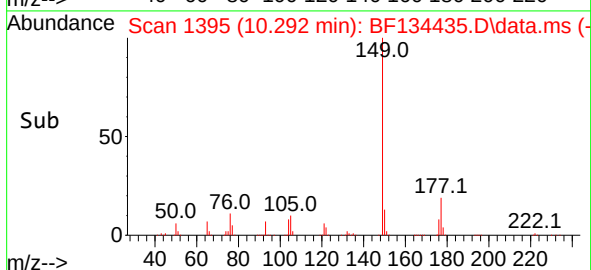
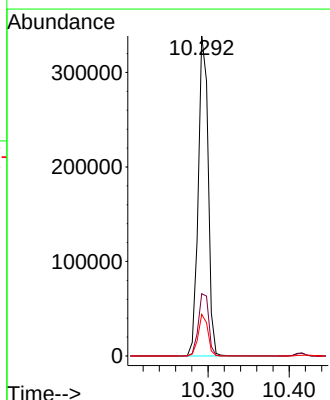
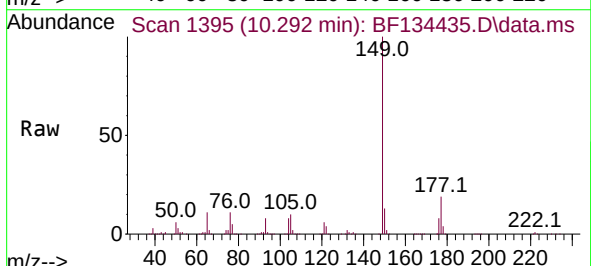
APPROVED

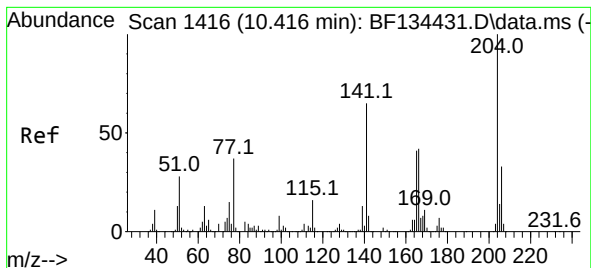
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#60
Diethylphthalate
Concen: 40.064 ng
RT: 10.292 min Scan# 1395
Delta R.T. -0.006 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

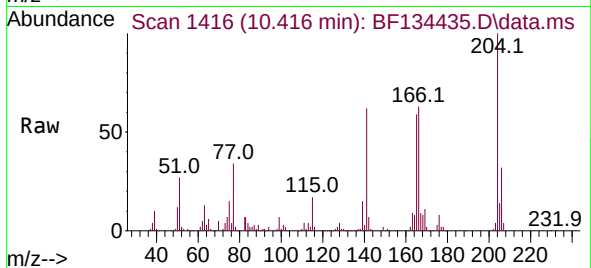
Tgt Ion:149 Resp: 288724
Ion Ratio Lower Upper
149 100
177 19.4 17.0 25.4
150 13.0 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 40.476 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

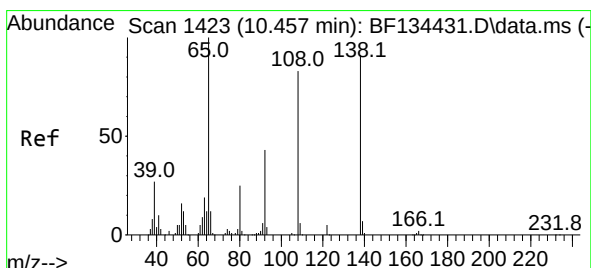
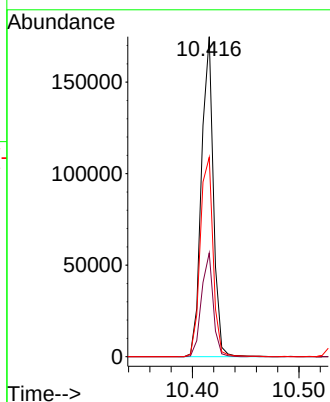
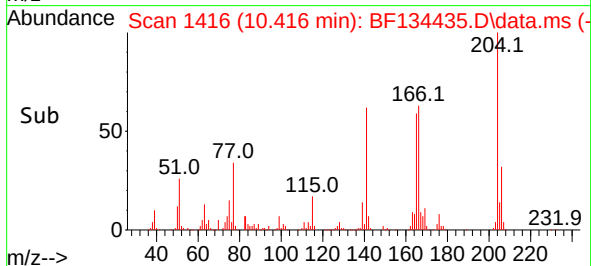
Instrument :
BNA_F
ClientSampleId :
ICVBF072423



Tgt Ion:204 Resp: 136697
Ion Ratio Lower Upper
204 100
206 32.4 26.0 39.0
141 62.3 52.2 78.4

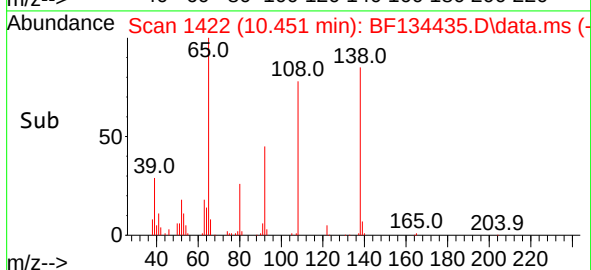
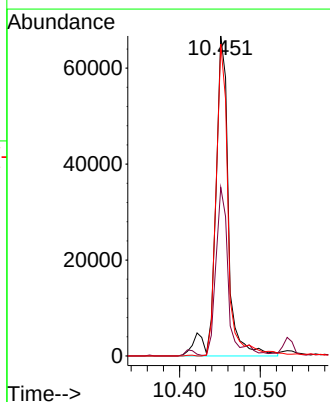
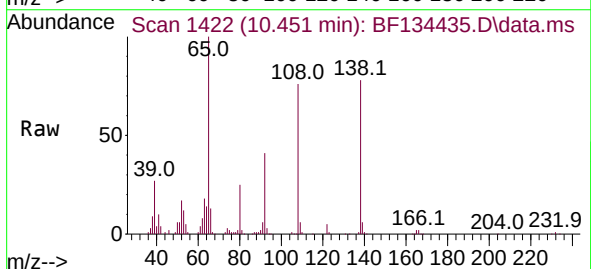
Manual Integrations
APPROVED

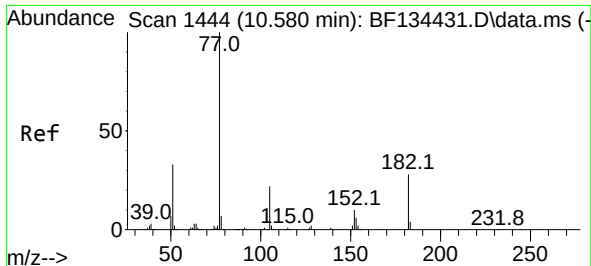
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#62
4-Nitroaniline
Concen: 41.397 ng m
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

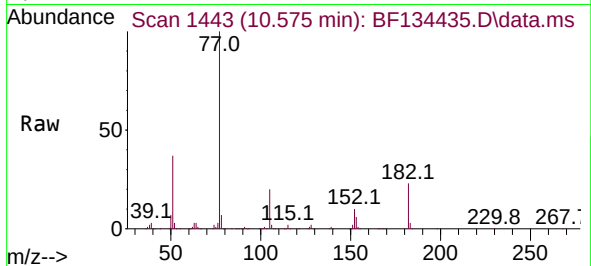
Tgt Ion:138 Resp: 74374
Ion Ratio Lower Upper
138 100
92 52.7 27.0 67.0
108 97.4 70.4 110.4





#63
Azobenzene
Concen: 40.522 ng
RT: 10.575 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

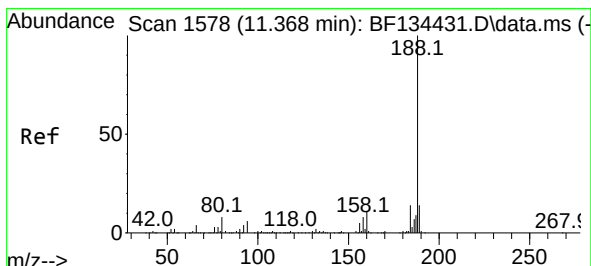
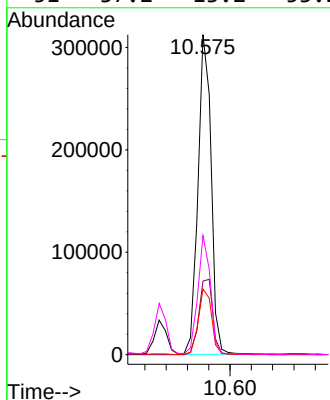
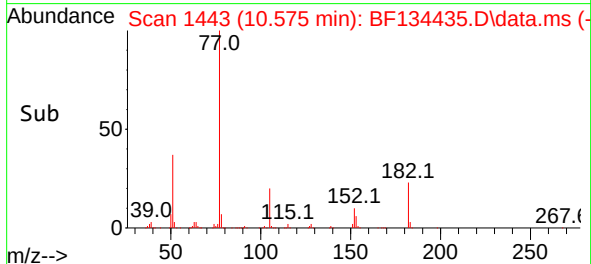
Instrument :
BNA_F
ClientSampleId :
ICVBF072423



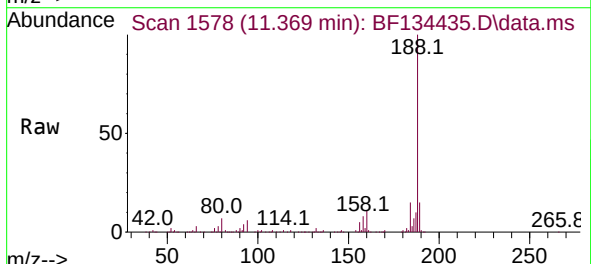
Tgt Ion: 77 Resp: 268799
Ion Ratio Lower Upper
77 100
182 23.0 7.5 47.5
105 20.5 1.9 41.9
51 37.2 13.2 53.2

Manual Integrations
APPROVED

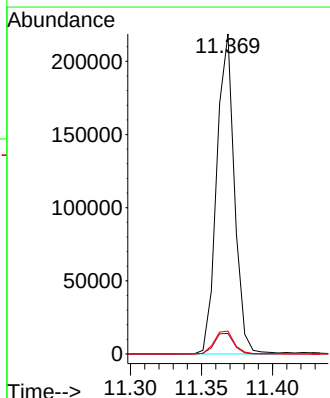
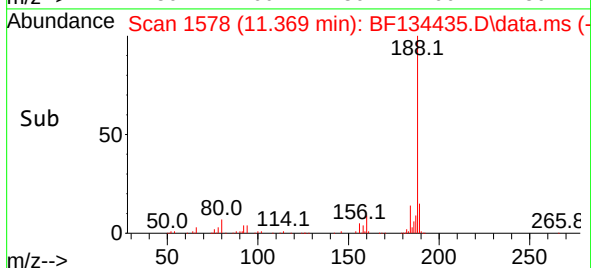
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

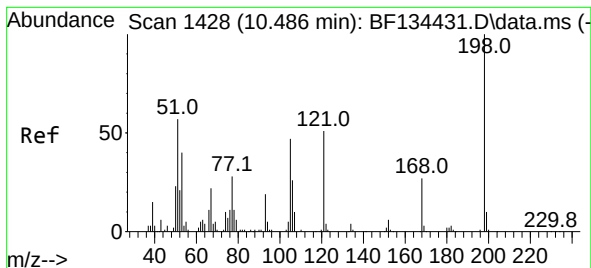


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16



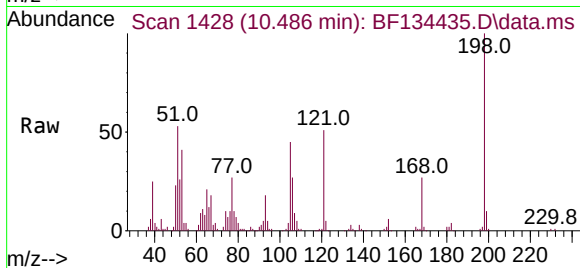
Tgt Ion:188 Resp: 189337
Ion Ratio Lower Upper
188 100
94 6.4 5.1 7.7
80 7.2 6.6 9.8





#65
4,6-Dinitro-2-methylphenol
Concen: 40.807 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

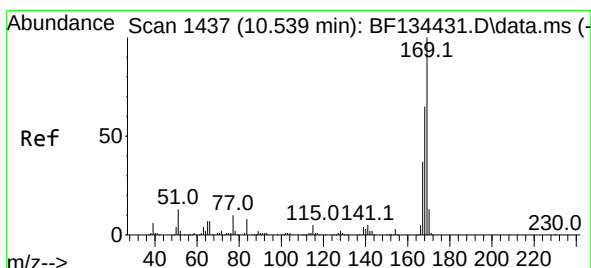
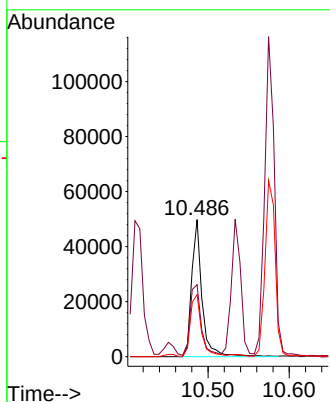
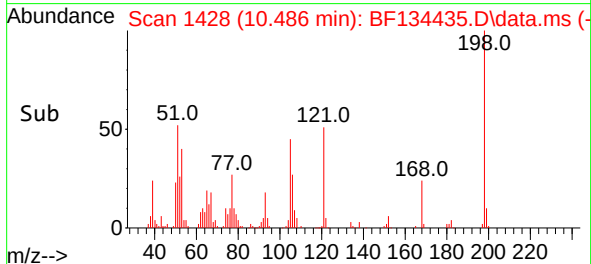
Instrument :
BNA_F
ClientSampleId :
ICVBF072423



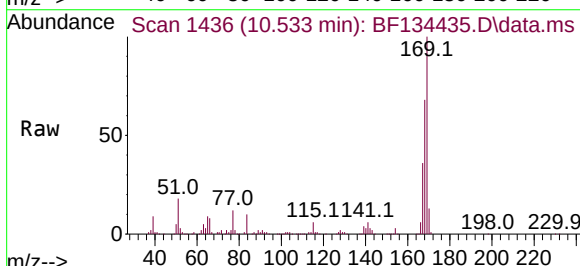
Tgt Ion:198 Resp: 44320
Ion Ratio Lower Upper
198 100
51 52.6 38.6 78.6
105 45.3 27.9 67.9

Manual Integrations
APPROVED

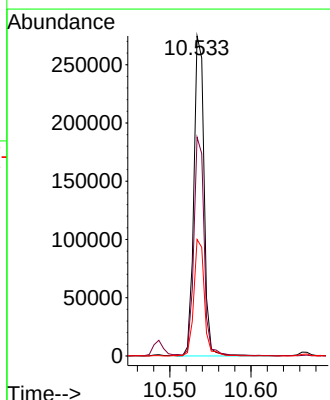
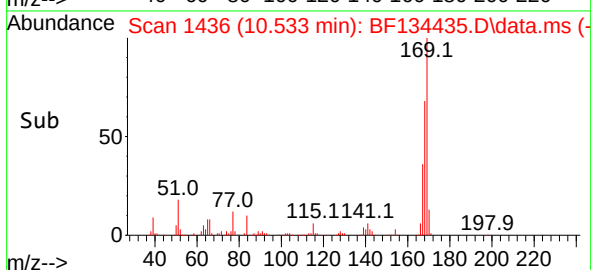
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

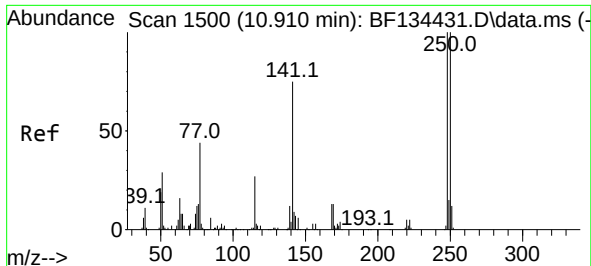


#66
n-Nitrosodiphenylamine
Concen: 40.214 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16



Tgt Ion:169 Resp: 242240
Ion Ratio Lower Upper
169 100
168 68.4 52.6 78.8
167 36.4 29.8 44.8





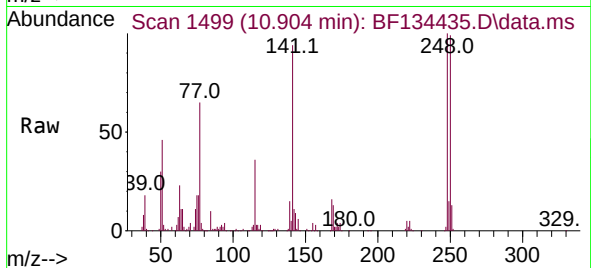
#67
4-Bromophenyl-phenylether
Concen: 39.890 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

ICVBF072423



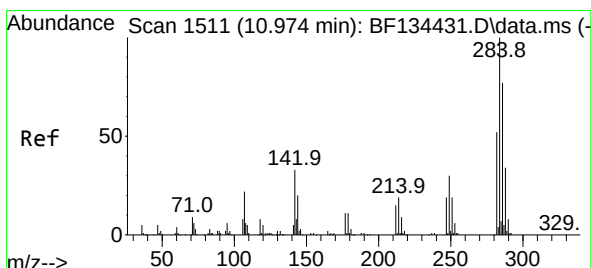
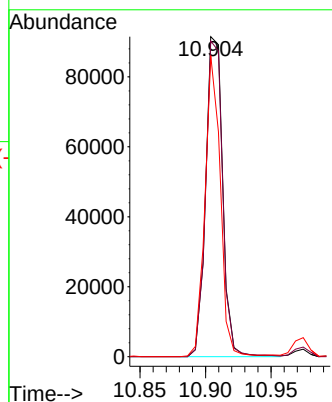
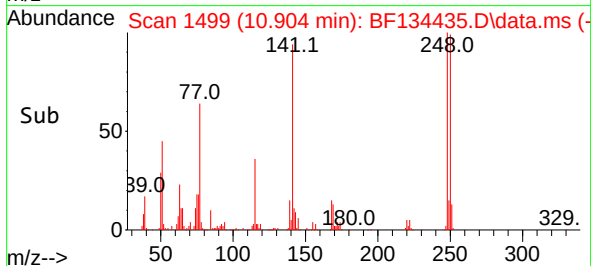
Tgt Ion:248 Resp: 82750
Ion Ratio Lower Upper
248 100
250 98.7 79.6 119.4
141 94.1 59.6 89.4

Manual Integrations

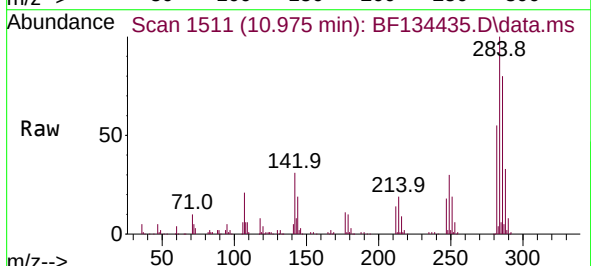
APPROVED

Reviewed By :Yogesh Patel 07/25/2023

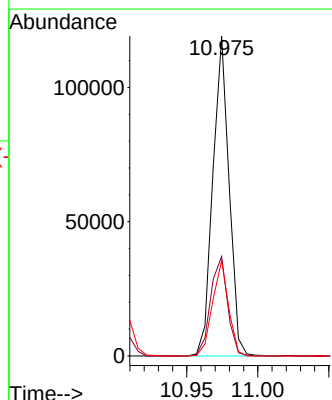
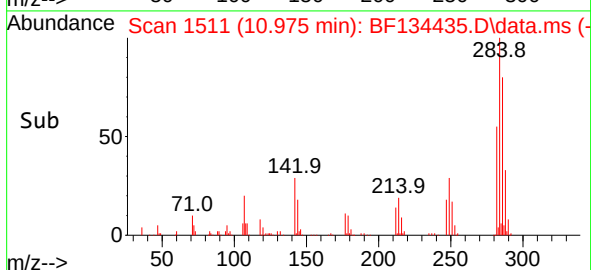
Supervised By :mohammad ahmed 07/25/2023

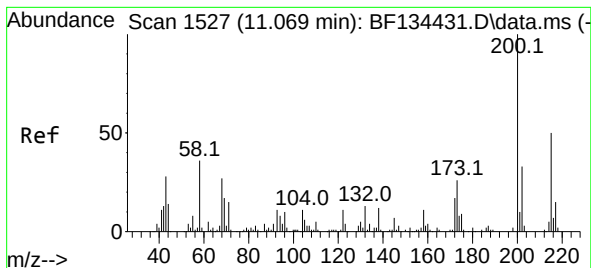


#68
Hexachlorobenzene
Concen: 40.380 ng
RT: 10.975 min Scan# 1511
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16



Tgt Ion:284 Resp: 94329
Ion Ratio Lower Upper
284 100
142 31.1 26.5 39.7
249 29.8 23.8 35.8





#69

Atrazine

Concen: 41.716 ng

RT: 11.063 min Scan# 1526

Delta R.T. -0.006 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

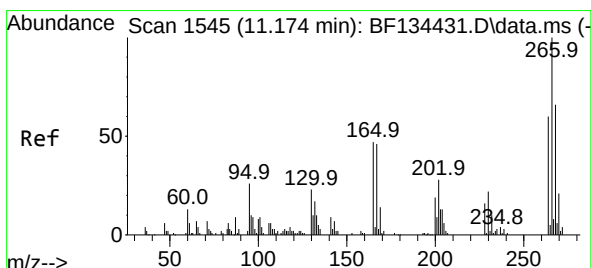
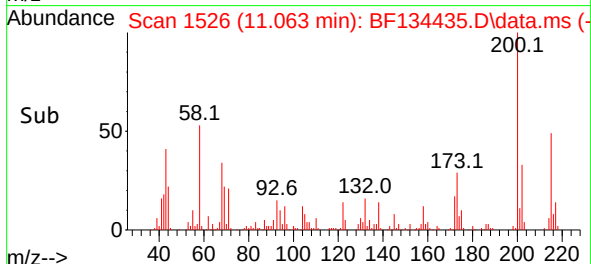
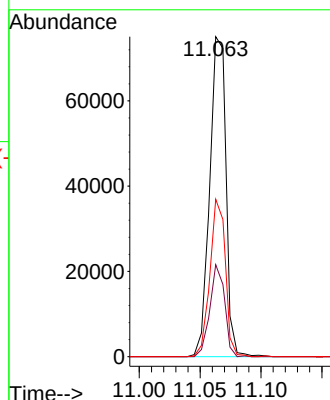
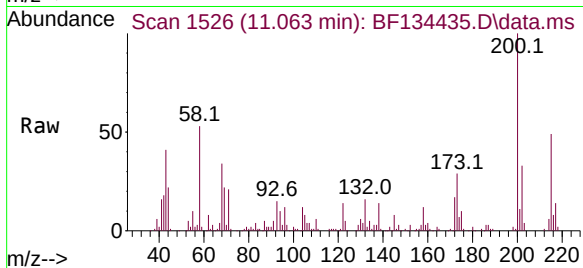
ICVBF072423

Tgt Ion:200 Resp: 7006
 Ion Ratio Lower Upper
 200 100
 173 28.8 6.1 46.1
 215 49.2 29.7 69.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023
 Supervised By :mohammad ahmed 07/25/2023



#70

Pentachlorophenol

Concen: 40.604 ng

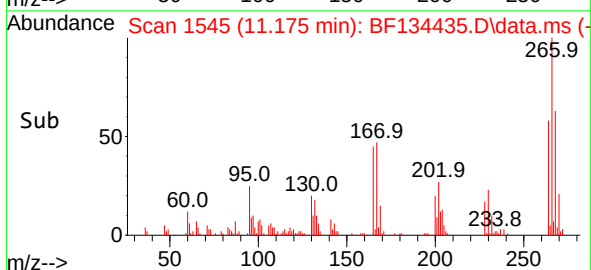
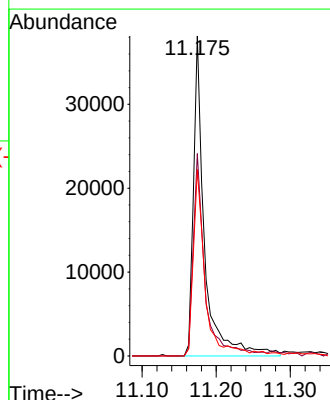
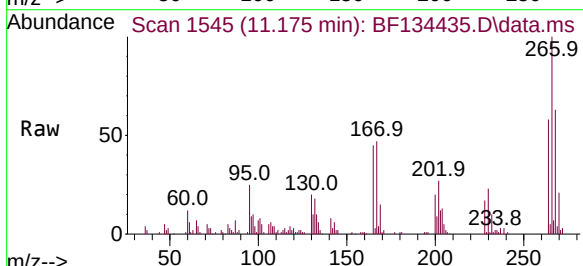
RT: 11.175 min Scan# 1545

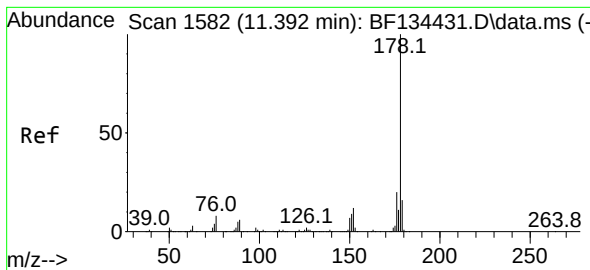
Delta R.T. 0.001 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

Tgt Ion:266 Resp: 39806
 Ion Ratio Lower Upper
 266 100
 268 63.3 52.9 79.3
 264 58.3 47.8 71.6





#71
Phenanthrene
Concen: 40.194 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

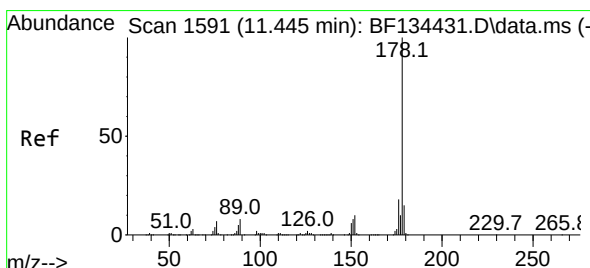
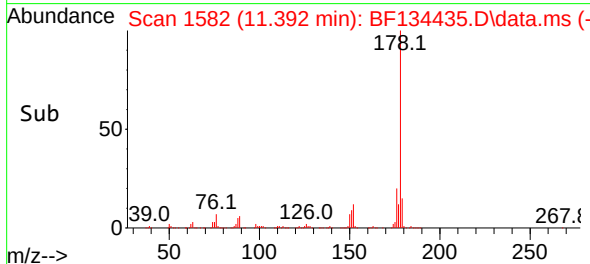
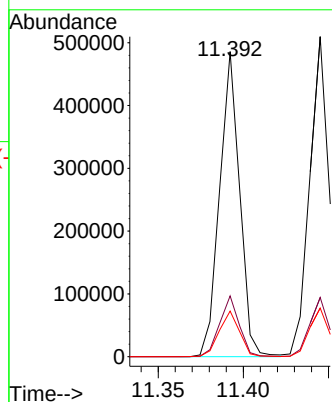
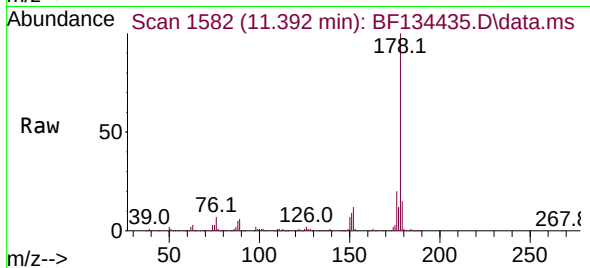
ICVBF072423

Tgt Ion:178 Resp: 397618
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.6
179 14.9 12.7 19.1

Manual Integrations

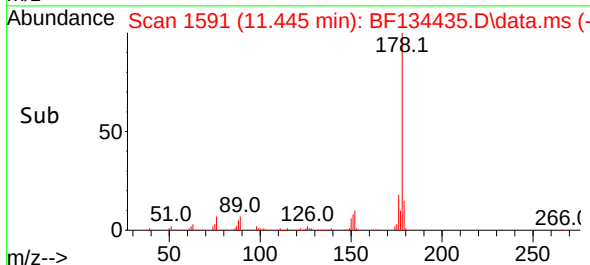
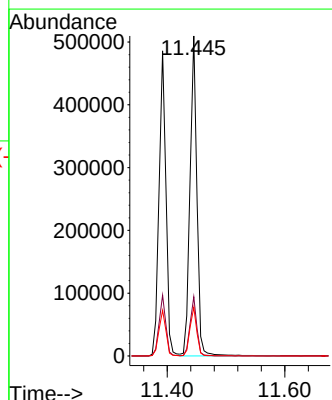
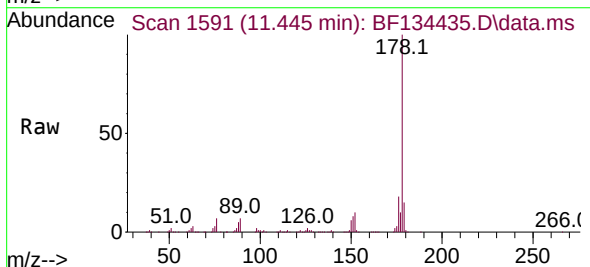
APPROVED

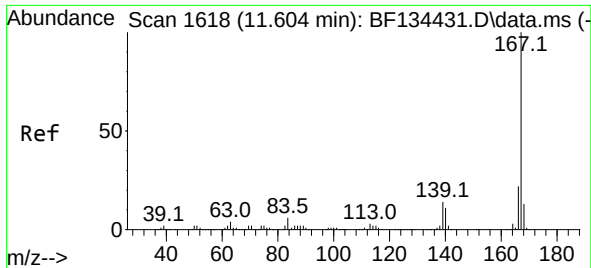
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#72
Anthracene
Concen: 40.715 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Tgt Ion:178 Resp: 415714
Ion Ratio Lower Upper
178 100
176 18.5 14.6 21.8
179 15.2 12.3 18.5





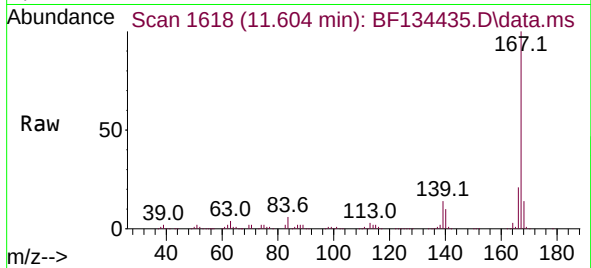
#73
 Carbazole
 Concen: 40.918 ng
 RT: 11.604 min Scan# 1618
 Delta R.T. 0.000 min
 Lab File: BF134435.D
 Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

ICVBF072423



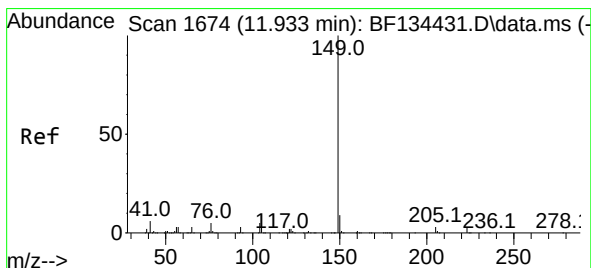
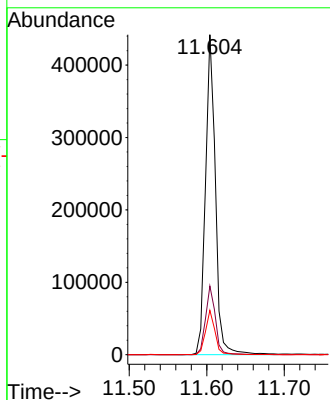
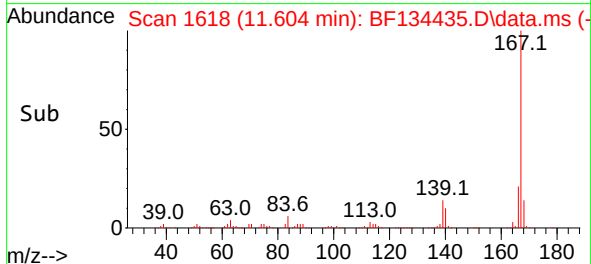
Tgt Ion:167 Resp: 393414
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.5 26.3
 139 13.9 11.0 16.4

Manual Integrations

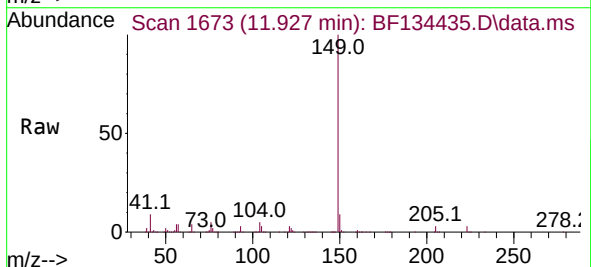
APPROVED

Reviewed By :Yogesh Patel 07/25/2023

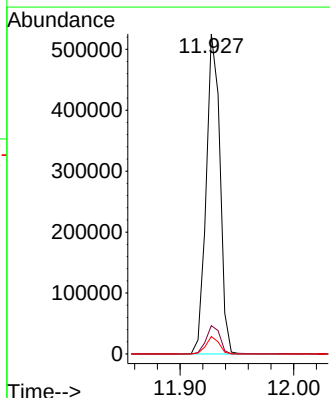
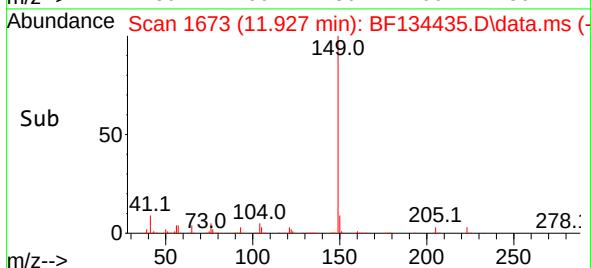
Supervised By :mohammad ahmed 07/25/2023

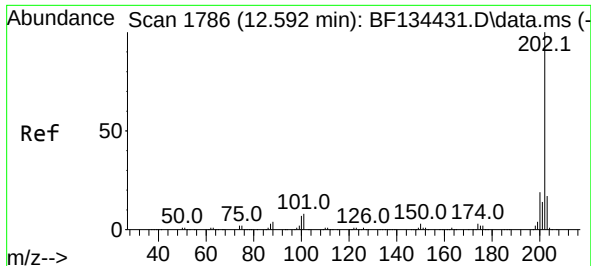


#74
 Di-n-butylphthalate
 Concen: 39.947 ng
 RT: 11.927 min Scan# 1673
 Delta R.T. -0.006 min
 Lab File: BF134435.D
 Acq: 24 Jul 2023 18:16



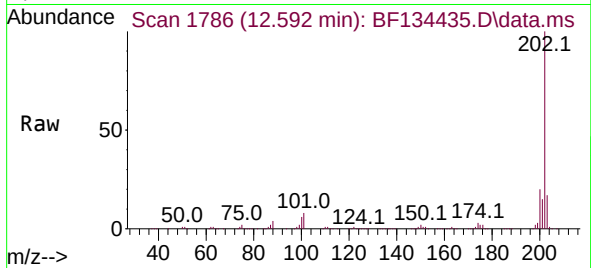
Tgt Ion:149 Resp: 440899
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.2 10.8
 104 5.5 3.8 5.8





#75
Fluoranthene
Concen: 40.955 ng
RT: 12.592 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

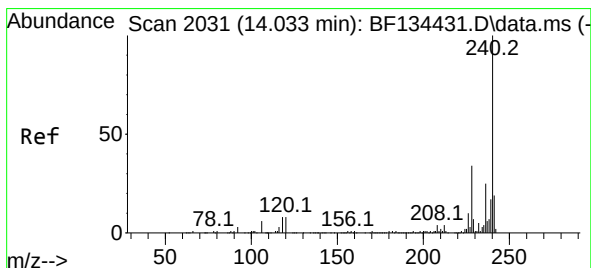
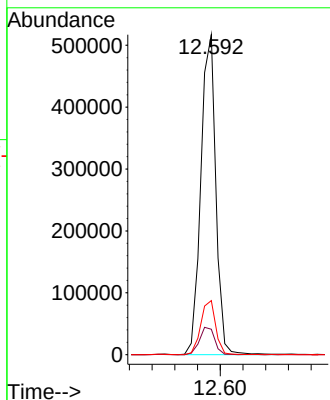
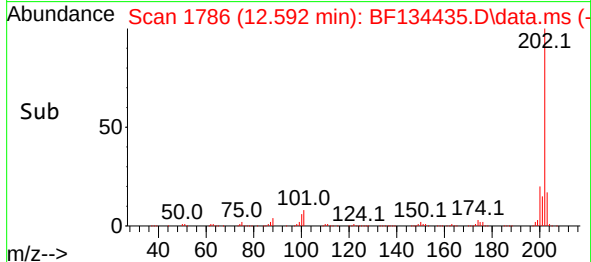
Instrument :
BNA_F
ClientSampleId :
ICVBF072423



Tgt Ion:202 Resp: 47218
Ion Ratio Lower Upper
202 100
101 7.9 0.0 28.5
203 16.9 0.0 37.5

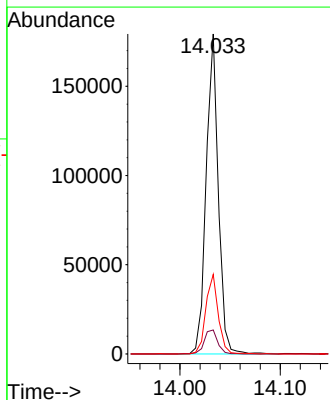
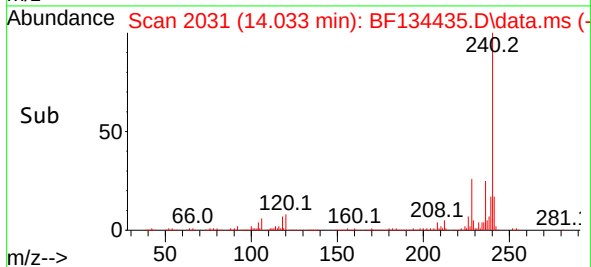
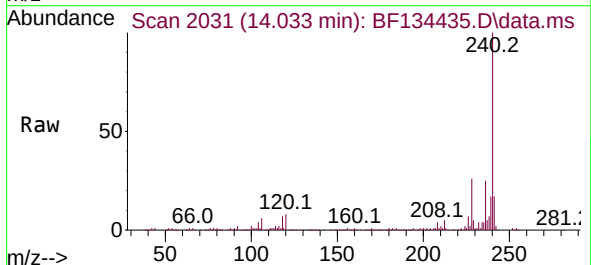
Manual Integrations
APPROVED

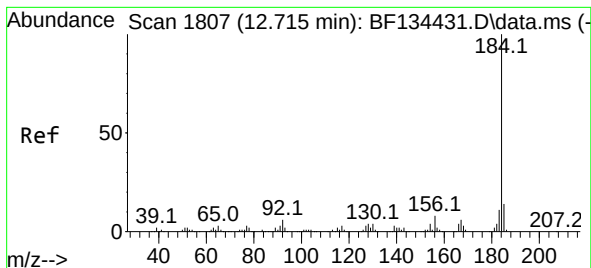
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Tgt Ion:240 Resp: 150677
Ion Ratio Lower Upper
240 100
120 7.5 6.6 10.0
236 24.8 20.2 30.2





#77

Benzidine

Concen: 38.592 ng

RT: 12.716 min Scan# 1807

Delta R.T. 0.001 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

ICVBF072423

Tgt Ion:184 Resp: 124160

Ion Ratio Lower Upper

184 100

185 14.4 11.2 16.8

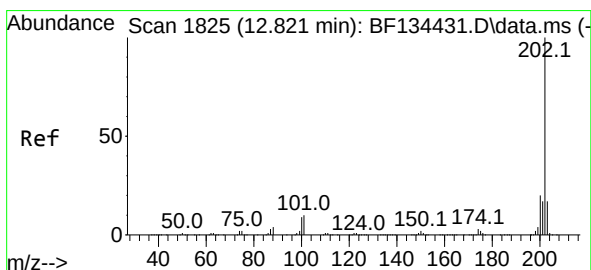
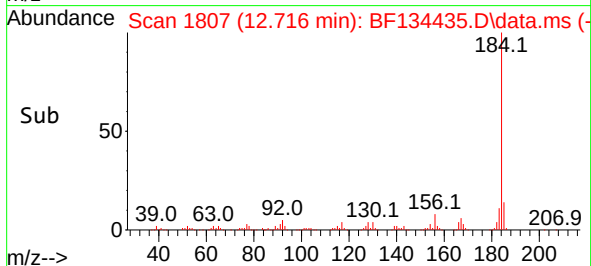
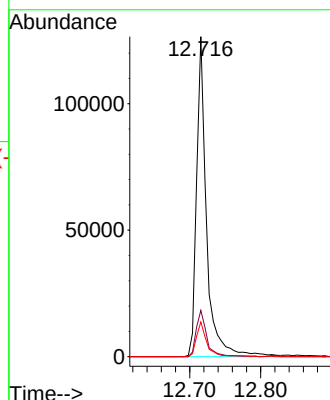
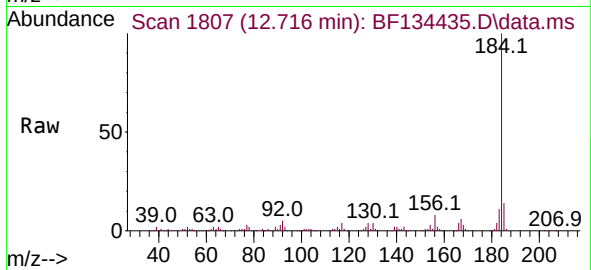
183 10.8 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#78

Pyrene

Concen: 40.700 ng

RT: 12.821 min Scan# 1825

Delta R.T. 0.000 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

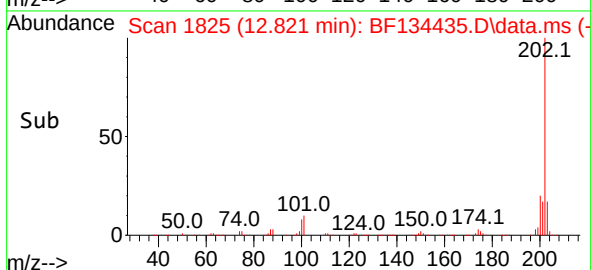
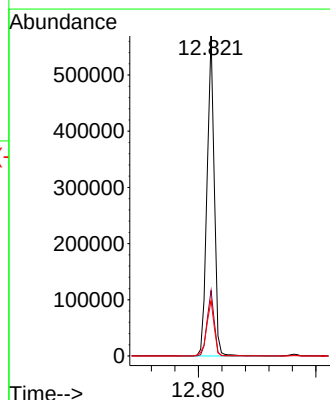
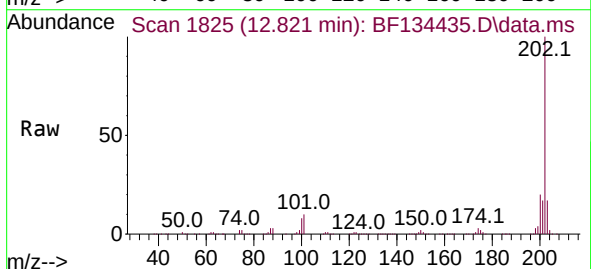
Tgt Ion:202 Resp: 487618

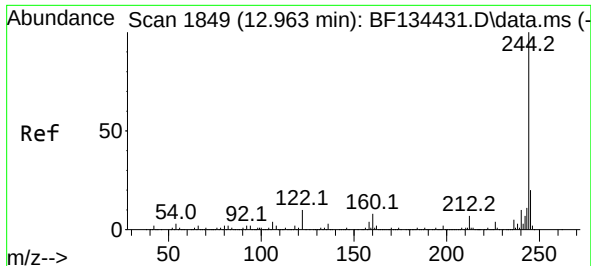
Ion Ratio Lower Upper

202 100

200 20.4 15.8 23.8

203 17.3 13.5 20.3





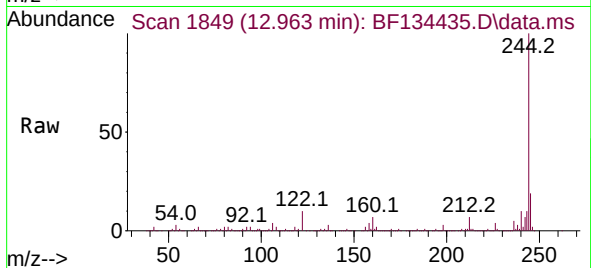
#79
 Terphenyl-d14
 Concen: 80.774 ng
 RT: 12.963 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: BF134435.D
 Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

ICVBF072423

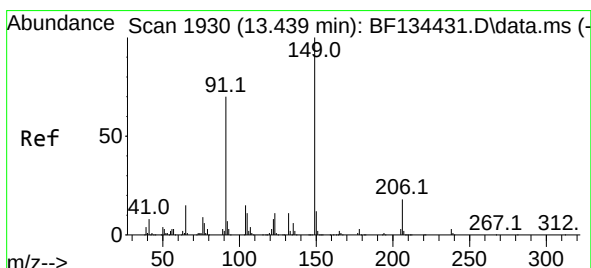
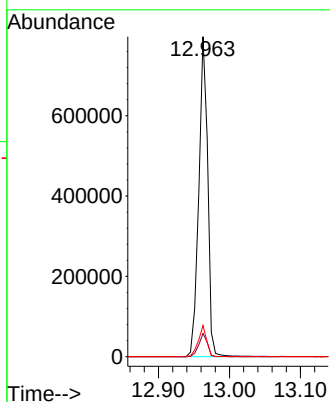
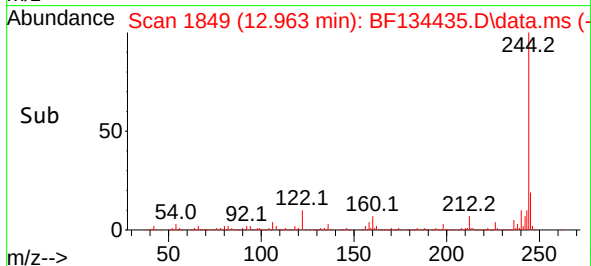


Tgt Ion:244 Resp: 69720
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 9.7 8.0 12.0

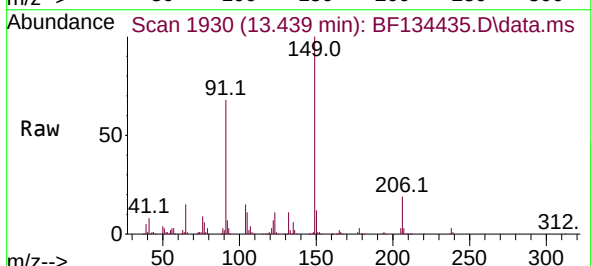
Manual Integrations

APPROVED

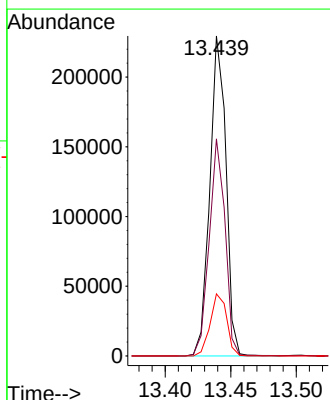
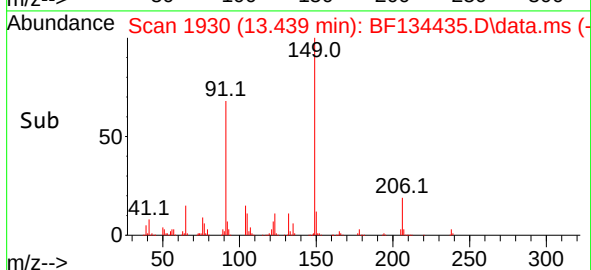
Reviewed By :Yogesh Patel 07/25/2023
 Supervised By :mohammad ahmed 07/25/2023

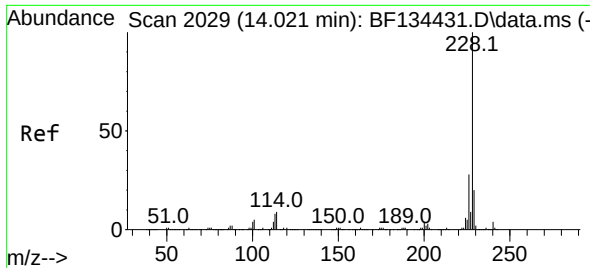


#80
 Butylbenzylphthalate
 Concen: 40.971 ng
 RT: 13.439 min Scan# 1930
 Delta R.T. 0.000 min
 Lab File: BF134435.D
 Acq: 24 Jul 2023 18:16



Tgt Ion:149 Resp: 196621
 Ion Ratio Lower Upper
 149 100
 91 67.8 55.8 83.6
 206 19.4 14.6 21.8





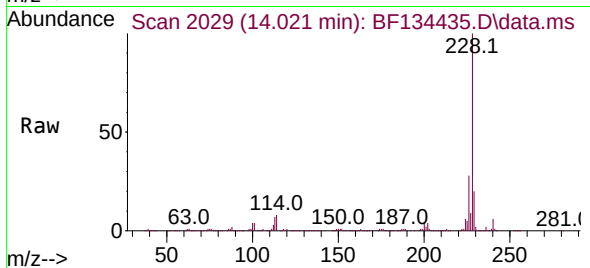
#81
Benzo(a)anthracene
Concen: 39.849 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

ICVBF072423

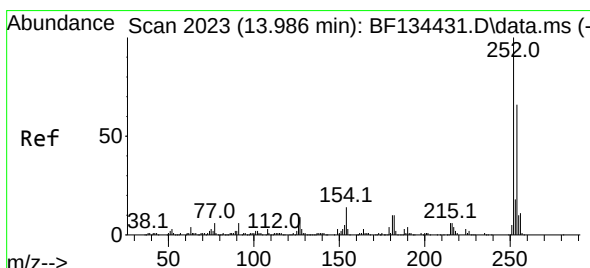
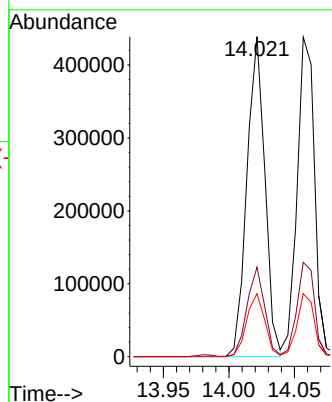
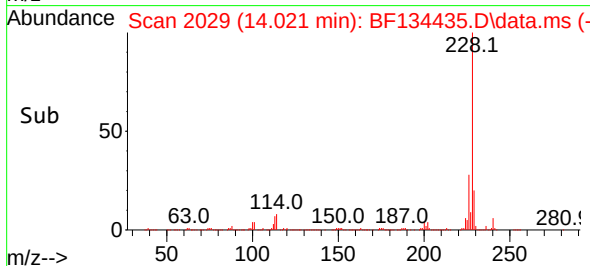


Tgt Ion:228 Resp: 418905
Ion Ratio Lower Upper
228 100
226 28.0 22.3 33.5
229 19.7 15.8 23.6

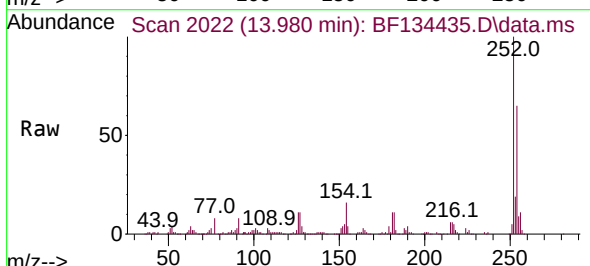
Manual Integrations

APPROVED

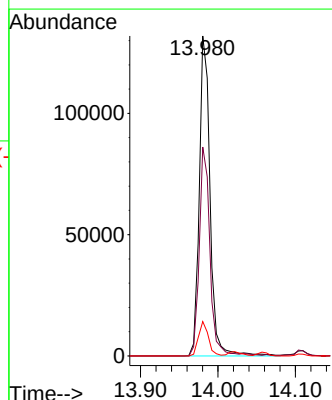
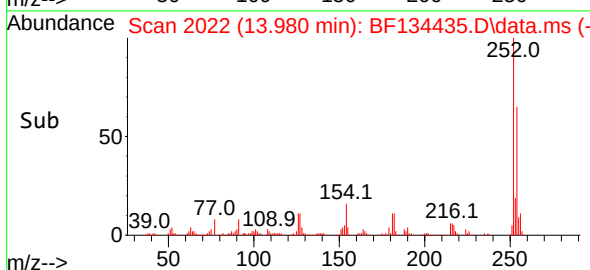
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

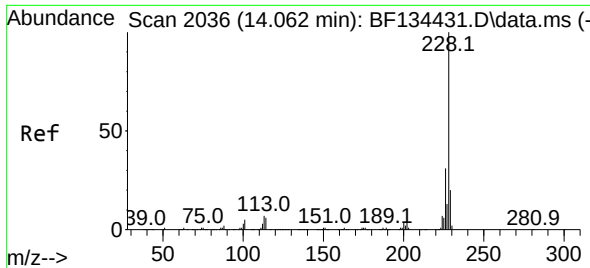


#82
3,3'-Dichlorobenzidine
Concen: 38.241 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16



Tgt Ion:252 Resp: 127327
Ion Ratio Lower Upper
252 100
254 65.3 52.7 79.1
126 10.8 7.2 10.8





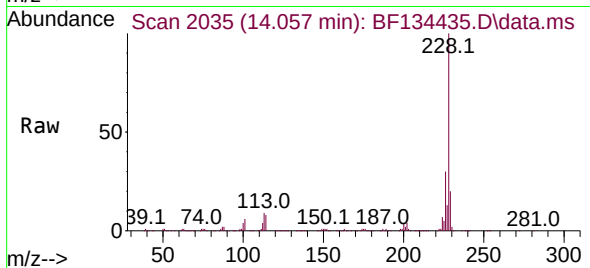
#83
Chrysene
Concen: 40.820 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

ICVBF072423

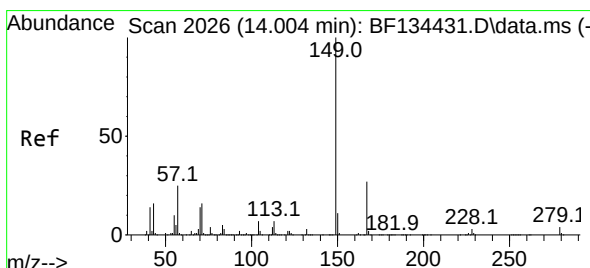
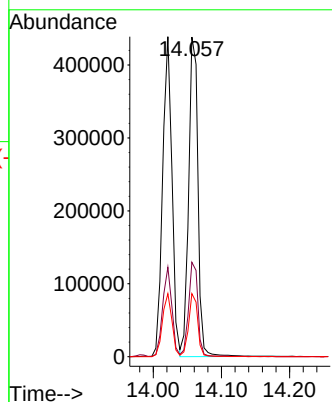
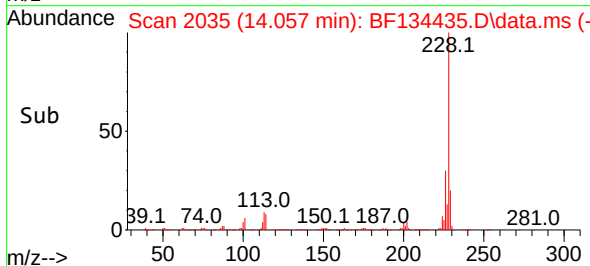


Tgt Ion:228 Resp: 410449
Ion Ratio Lower Upper
228 100
226 29.5 24.5 36.7
229 19.7 15.8 23.8

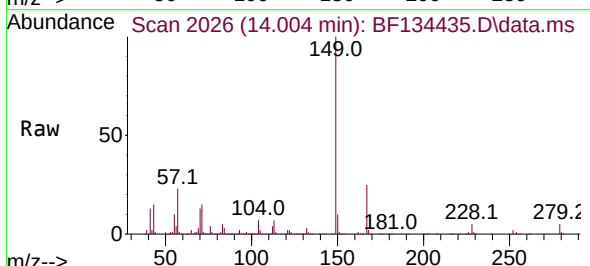
Manual Integrations

APPROVED

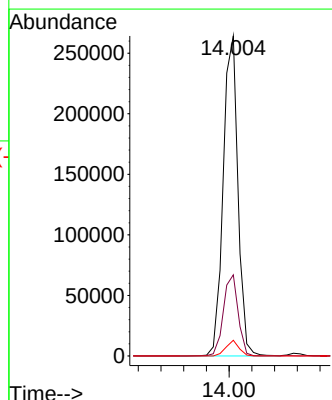
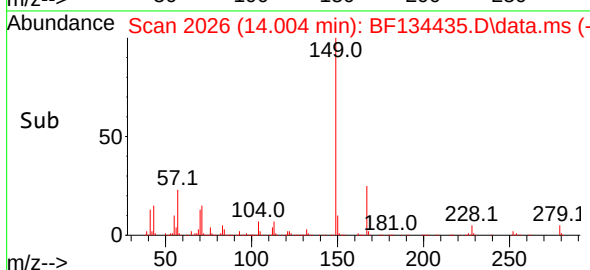
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

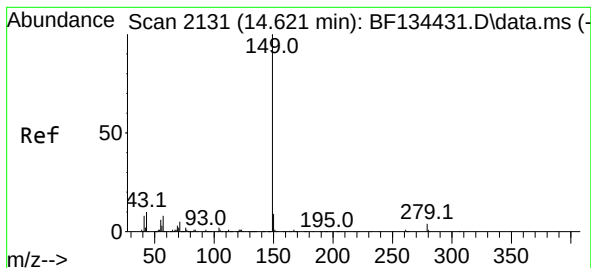


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.980 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16



Tgt Ion:149 Resp: 238928
Ion Ratio Lower Upper
149 100
167 25.4 21.6 32.4
279 4.9 3.5 5.3





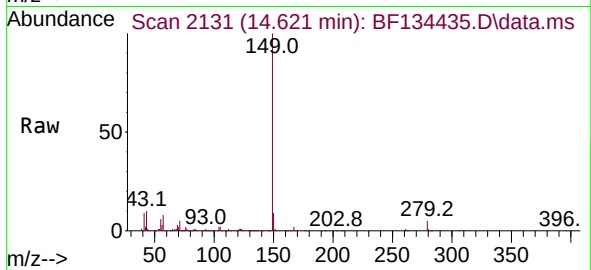
#85
Di-n-octyl phthalate
Concen: 40.155 ng
RT: 14.621 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

ICVBF072423

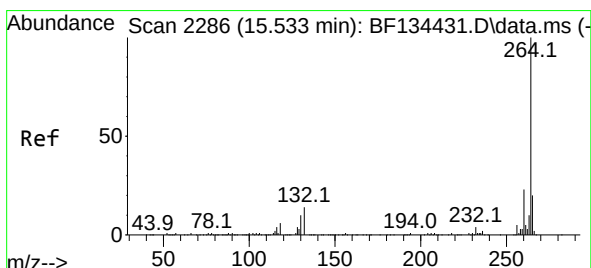
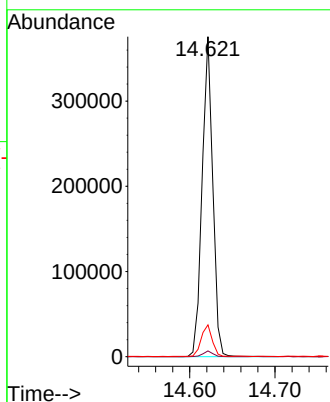
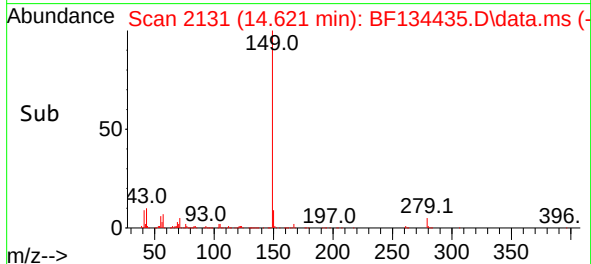


Tgt Ion:149 Resp: 325349
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.4 8.1 12.1

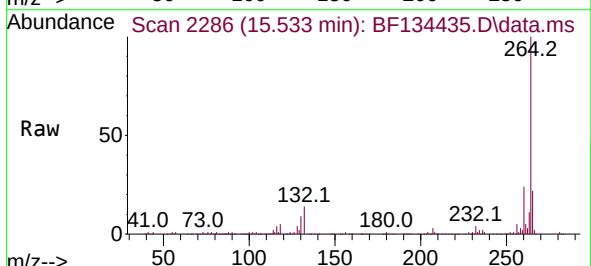
Manual Integrations

APPROVED

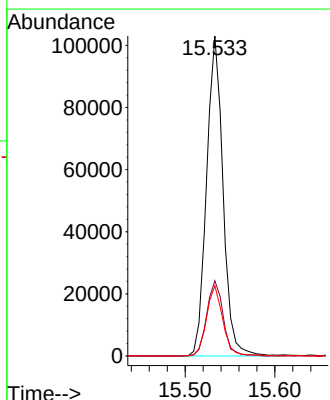
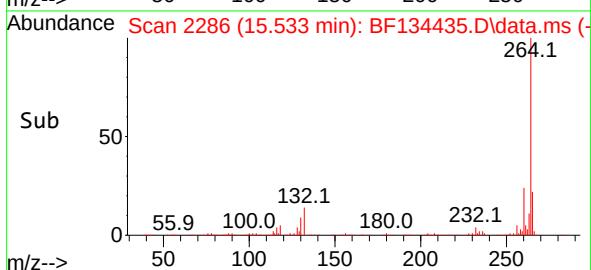
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

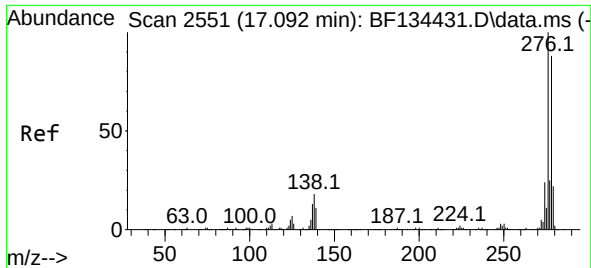


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2286
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16



Tgt Ion:264 Resp: 131249
Ion Ratio Lower Upper
264 100
260 23.5 18.4 27.6
265 21.9 15.8 23.8





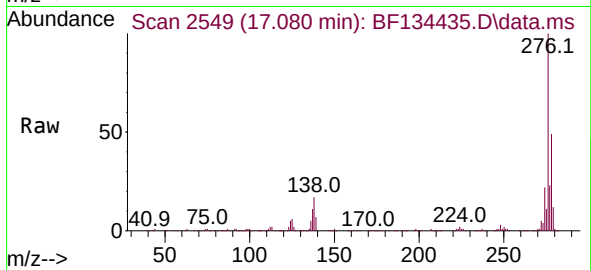
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.890 ng
RT: 17.080 min Scan# 2549
Delta R.T. -0.012 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

ICVBF072423

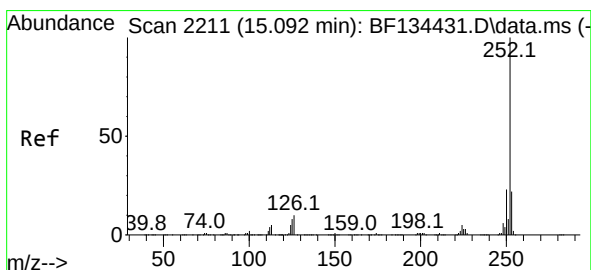
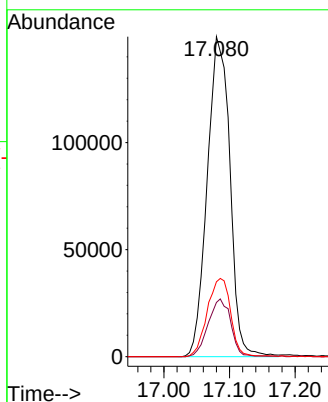
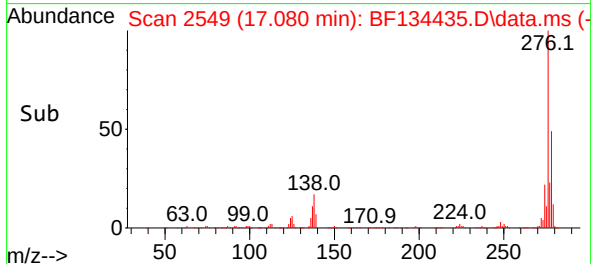


Tgt Ion:276 Resp: 359192
Ion Ratio Lower Upper
276 100
138 17.9 14.2 21.4
277 25.1 19.9 29.9

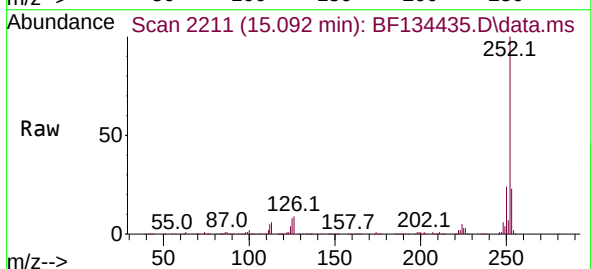
Manual Integrations

APPROVED

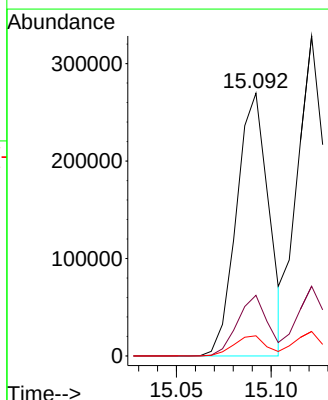
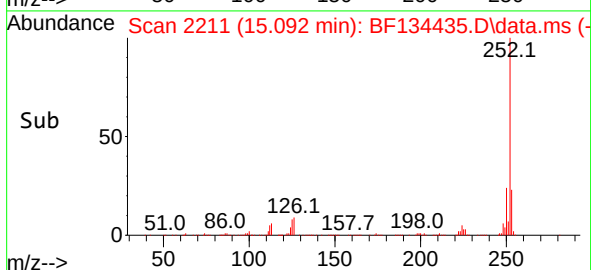
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

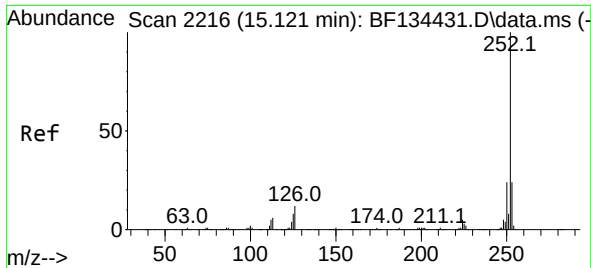


#88
Benzo(b)fluoranthene
Concen: 38.814 ng
RT: 15.092 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16



Tgt Ion:252 Resp: 318704
Ion Ratio Lower Upper
252 100
253 23.1 17.3 25.9
125 7.7 6.0 9.0





#89

Benzo(k)fluoranthene

Concen: 41.555 ng

RT: 15.121 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

ICVBF072423

Tgt Ion:252 Resp: 33555

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

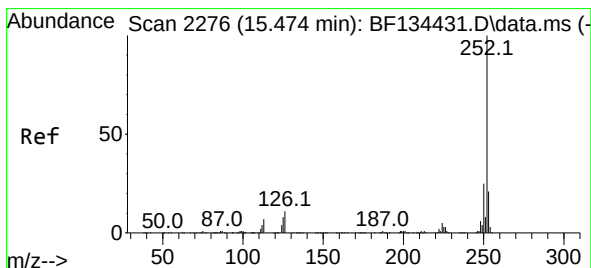
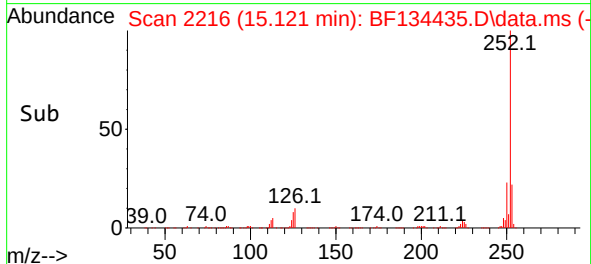
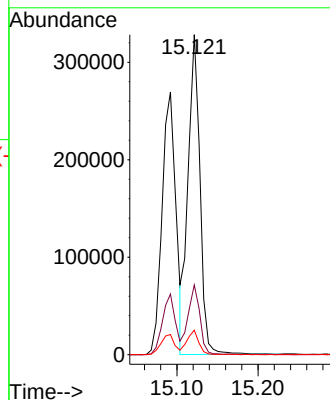
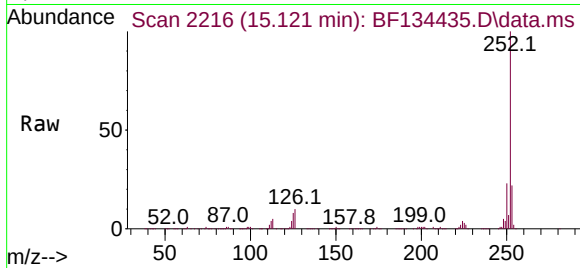
125 7.6 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#90

Benzo(a)pyrene

Concen: 40.864 ng

RT: 15.468 min Scan# 2275

Delta R.T. -0.006 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

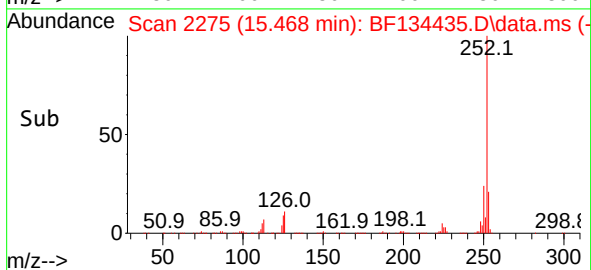
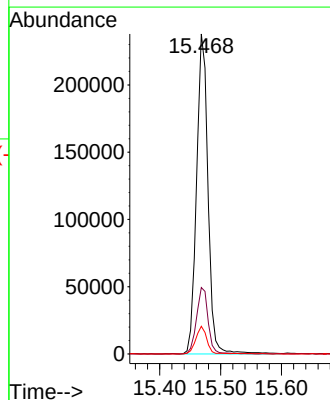
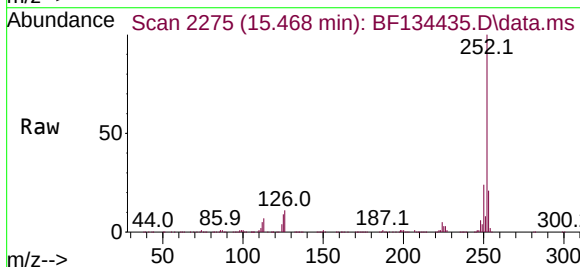
Tgt Ion:252 Resp: 310144

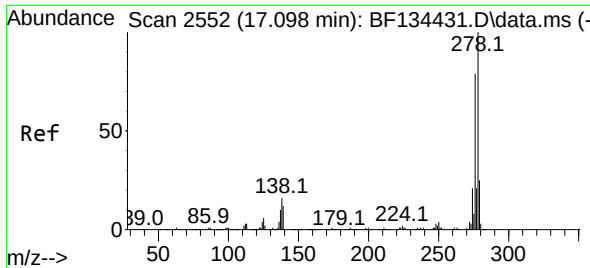
Ion Ratio Lower Upper

252 100

253 20.8 17.0 25.4

125 8.6 6.2 9.4





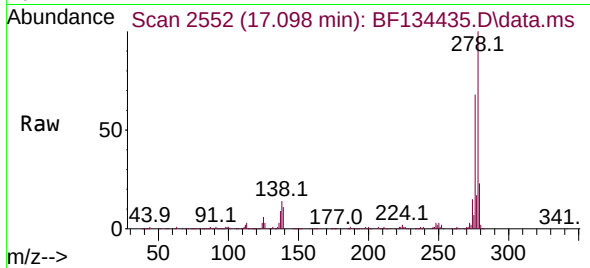
#91
Dibenzo(a,h)anthracene
Concen: 42.108 ng
RT: 17.098 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

ICVBF072423

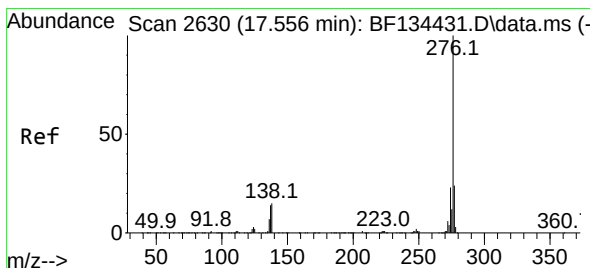
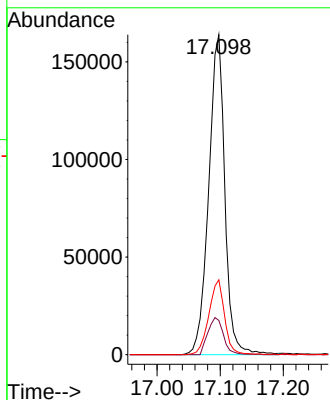
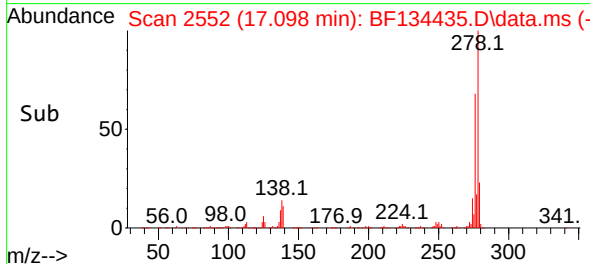


Tgt Ion:278 Resp: 29158
Ion Ratio Lower Upper
278 100
139 10.7 10.0 15.0
279 23.4 19.7 29.5

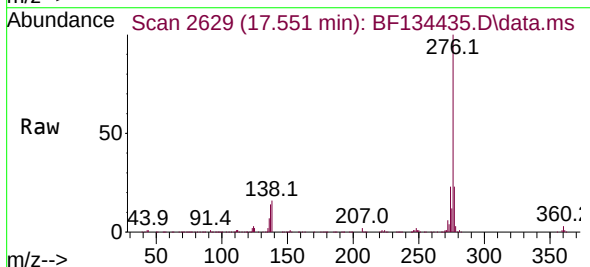
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#92
Benzo(g,h,i)perylene
Concen: 42.833 ng
RT: 17.551 min Scan# 2629
Delta R.T. -0.006 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16



Tgt Ion:276 Resp: 304556
Ion Ratio Lower Upper
276 100
277 22.6 19.0 28.6
138 16.1 12.2 18.2

