

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072023\
 Data File : BF134375.D
 Acq On : 20 Jul 2023 11:29
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/21/2023
 Supervised By :mohammad ahmed 07/21/2023

Quant Time: Jul 20 13:22:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	72207	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	265352	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	138265	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	276725	20.000	ng	0.00
76) Chrysene-d12	14.039	240	211386	20.000	ng	0.00
86) Perylene-d12	15.539	264	187384	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	349573	80.983	ng	0.00
7) Phenol-d6	6.487	99	497101	93.641	ng	0.00
23) Nitrobenzene-d5	7.410	82	413185	83.937	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	160134	92.373	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	816808	85.890	ng	0.00
79) Terphenyl-d14	12.969	244	968874	73.767	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	79250	44.526	ng	99
3) Pyridine	3.381	79	204944	44.206	ng	95
4) n-Nitrosodimethylamine	3.352	42	118104	44.604	ng	98
6) Aniline	6.510	93	311868	48.278	ng	95
8) 2-Chlorophenol	6.628	128	178287	40.687	ng	99
9) Benzaldehyde	6.398	77	150208	58.230	ng	96
10) Phenol	6.498	94	265459	47.560	ng	88
11) bis(2-Chloroethyl)ether	6.581	93	161368	39.269	ng	96
12) 1,3-Dichlorobenzene	6.781	146	189003	40.458	ng	99
13) 1,4-Dichlorobenzene	6.857	146	191635	40.613	ng	99
14) 1,2-Dichlorobenzene	7.010	146	183609	41.549	ng	99
15) Benzyl Alcohol	6.987	79	170868	41.752	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.116	45	239276	32.914	ng	87
17) 2-Methylphenol	7.098	107	154717	39.429	ng	95
18) Hexachloroethane	7.345	117	71879	41.083	ng	94
19) n-Nitroso-di-n-propyla...	7.257	70	138578	41.163	ng	93
20) 3+4-Methylphenols	7.251	107	201046	42.234	ng	96
22) Acetophenone	7.251	105	257651	42.694	ng	98
24) Nitrobenzene	7.428	77	204878	41.187	ng	98
25) Isophorone	7.663	82	358533	40.076	ng	98
26) 2-Nitrophenol	7.739	139	97501	40.859	ng	97
27) 2,4-Dimethylphenol	7.781	122	151791	40.185	ng	99
28) bis(2-Chloroethoxy)met...	7.869	93	204988	39.571	ng	99
29) 2,4-Dichlorophenol	7.981	162	154054	41.129	ng	94
30) 1,2,4-Trichlorobenzene	8.063	180	163581	42.325	ng	99
31) Naphthalene	8.139	128	525933	41.033	ng	98
32) Benzoic acid	7.910	122	107842m	38.101	ng	
33) 4-Chloroaniline	8.192	127	219762	40.082	ng	98
34) Hexachlorobutadiene	8.251	225	112775	46.257	ng	99
35) Caprolactam	8.581	113	46148	37.418	ng	95
36) 4-Chloro-3-methylphenol	8.681	107	177796	42.253	ng	95
37) 2-Methylnaphthalene	8.833	142	375201	41.395	ng	99
38) 1-Methylnaphthalene	8.933	142	344290	40.860	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	175942	42.951	ng	98
41) Hexachlorocyclopentadiene	8.981	237	89089	45.842	ng	96
43) 2,4,6-Trichlorophenol	9.116	196	111673	40.047	ng	99

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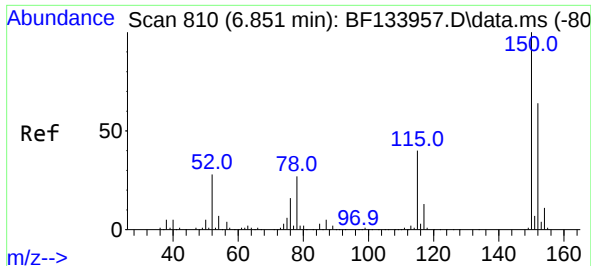
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	129370	39.441	ng	95
46) 1,1'-Biphenyl	9.298	154	449312	40.511	ng	96
47) 2-Chloronaphthalene	9.328	162	329892	40.652	ng	100
48) 2-Nitroaniline	9.428	65	115028	38.894	ng	96
49) Acenaphthylene	9.739	152	550755	39.730	ng	100
50) Dimethylphthalate	9.604	163	407667	40.618	ng	99
51) 2,6-Dinitrotoluene	9.669	165	88485	40.932	ng	91
52) Acenaphthene	9.910	154	322241	40.061	ng	98
53) 3-Nitroaniline	9.839	138	97775	37.702	ng	89
54) 2,4-Dinitrophenol	9.957	184	45762	38.749	ng	94
55) Dibenzofuran	10.086	168	496841	39.523	ng	98
56) 4-Nitrophenol	10.010	139	55150	30.402	ng	89
57) 2,4-Dinitrotoluene	10.080	165	117450	41.140	ng	# 87
58) Fluorene	10.433	166	407637	41.680	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.210	232	99314	38.385	ng	98
60) Diethylphthalate	10.304	149	434939	41.594	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	198093	42.029	ng	98
62) 4-Nitroaniline	10.463	138	96754	37.020	ng	91
63) Azobenzene	10.580	77	386126	39.037	ng	96
65) 4,6-Dinitro-2-methylph...	10.492	198	66840	44.303	ng	90
66) n-Nitrosodiphenylamine	10.545	169	349226	39.499	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	124647	42.379	ng	# 91
68) Hexachlorobenzene	10.980	284	133958	42.895	ng	97
69) Atrazine	11.075	200	99941	40.865	ng	95
70) Pentachlorophenol	11.180	266	63853	34.196	ng	97
71) Phenanthrene	11.398	178	560261	40.217	ng	99
72) Anthracene	11.451	178	580952	40.094	ng	100
73) Carbazole	11.610	167	524448	39.544	ng	99
74) Di-n-butylphthalate	11.933	149	686768	43.545	ng	99
75) Fluoranthene	12.592	202	636260	42.247	ng	98
77) Benzidine	12.721	184	194944	38.758	ng	99
78) Pyrene	12.827	202	669570	34.036	ng	99
80) Butylbenzylphthalate	13.445	149	292169	39.600	ng	97
81) Benzo(a)anthracene	14.027	228	583697	39.816	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	191805	41.296	ng	# 96
83) Chrysene	14.068	228	559909	39.433	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	414494	48.892	ng	100
85) Di-n-octyl phthalate	14.627	149	661678	53.117	ng	98
87) Indeno(1,2,3-cd)pyrene	17.098	276	422084	32.462	ng	# 94
88) Benzo(b)fluoranthene	15.098	252	471893	42.828	ng	99
89) Benzo(k)fluoranthene	15.127	252	488778	43.569	ng	98
90) Benzo(a)pyrene	15.480	252	435473	40.872	ng	97
91) Dibenzo(a,h)anthracene	17.109	278	348789	32.841	ng	# 95
92) Benzo(g,h,i)perylene	17.568	276	344398	31.446	ng	# 95

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

Instrument :

BNA_F

ClientSampleId :

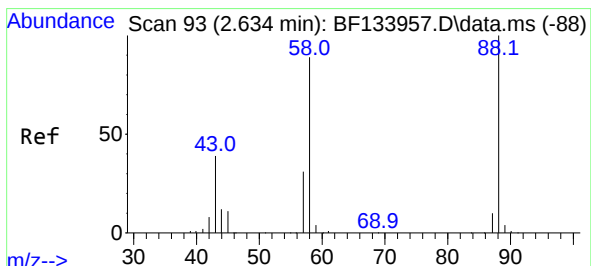
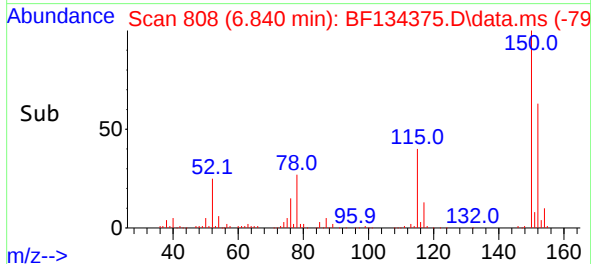
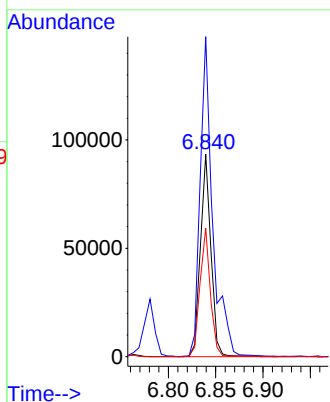
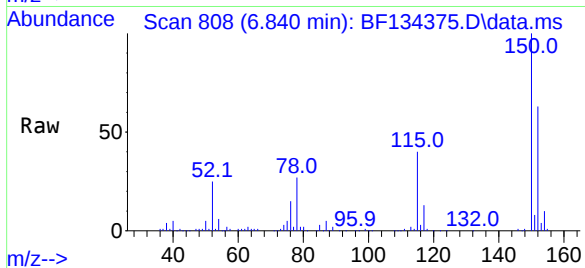
SSTDCCC040

Tgt Ion:152 Resp: 7220
Ion Ratio Lower Upper
152 100
150 158.0 124.5 186.7
115 63.4 50.2 75.2

Manual Integrations

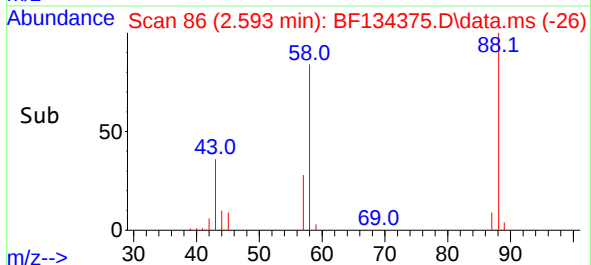
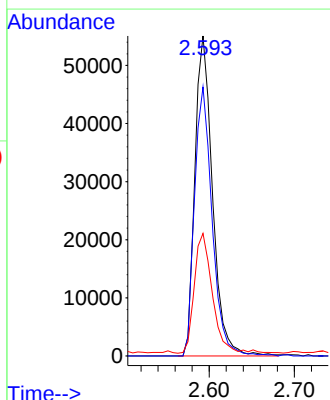
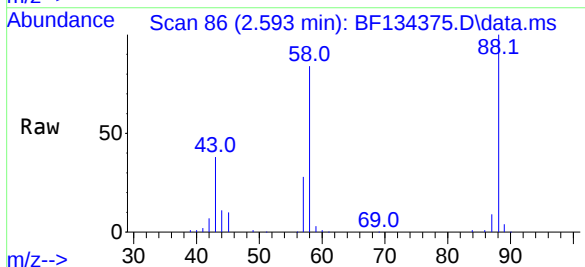
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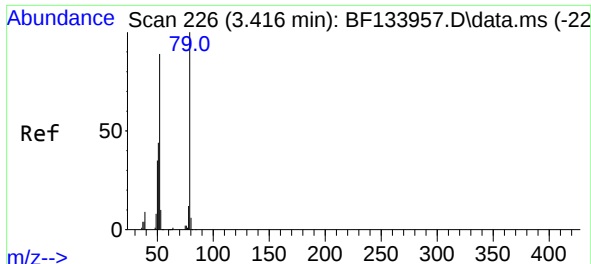
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#2
1,4-Dioxane
Concen: 44.526 ng
RT: 2.593 min Scan# 86
Delta R.T. 0.000 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

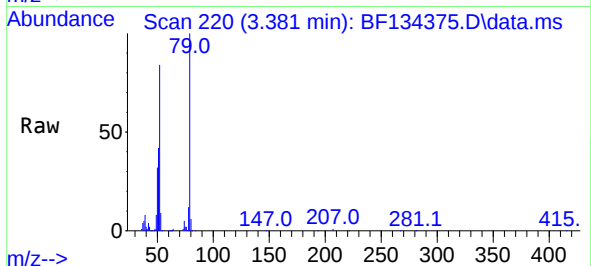
Tgt Ion: 88 Resp: 79250
Ion Ratio Lower Upper
88 100
58 84.2 68.8 103.2
43 38.5 30.7 46.1





#3
Pyridine
Concen: 44.206 ng
RT: 3.381 min Scan# 215
Delta R.T. 0.000 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

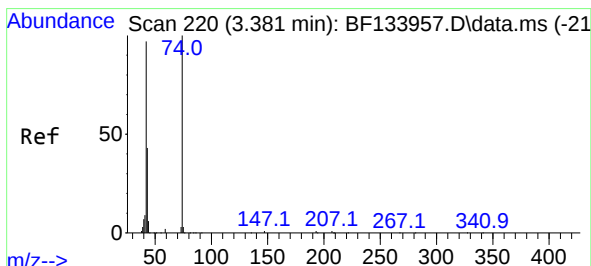
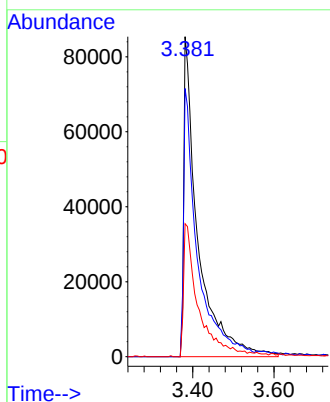
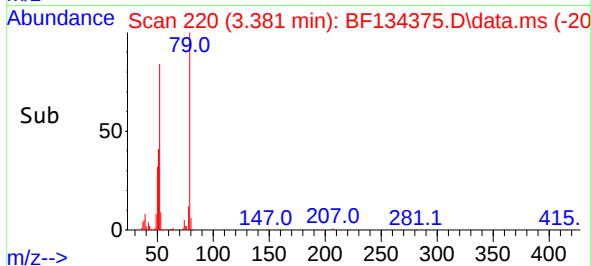
Instrument :
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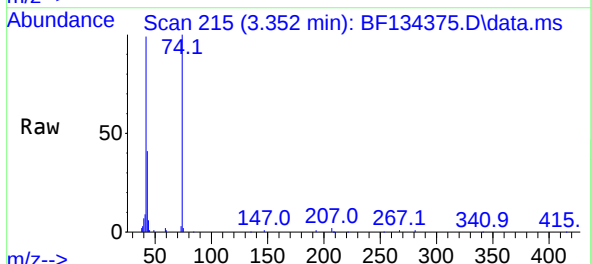
Tgt Ion: 79 Resp: 204944
Ion Ratio Lower Upper
79 100
52 83.8 71.1 106.7
51 41.5 35.2 52.8

Manual Integrations
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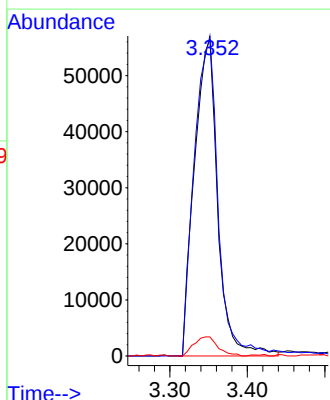
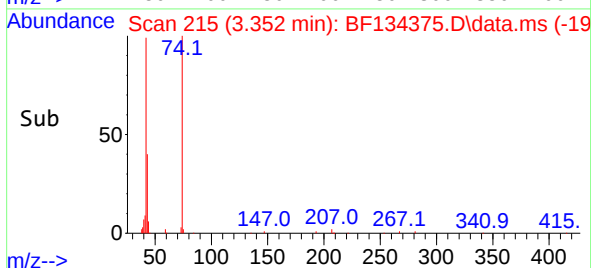
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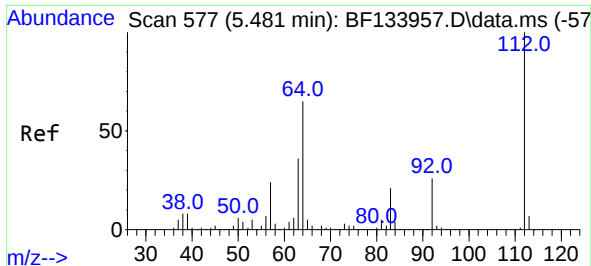


#4
n-Nitrosodimethylamine
Concen: 44.604 ng
RT: 3.352 min Scan# 215
Delta R.T. 0.012 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29



Tgt Ion: 42 Resp: 118104
Ion Ratio Lower Upper
42 100
74 101.0 82.4 123.6
44 6.0 4.9 7.3





#5
2-Fluorophenol
Concen: 80.983 ng
RT: 5.475 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

Instrument :

BNA_F

ClientSampleId :

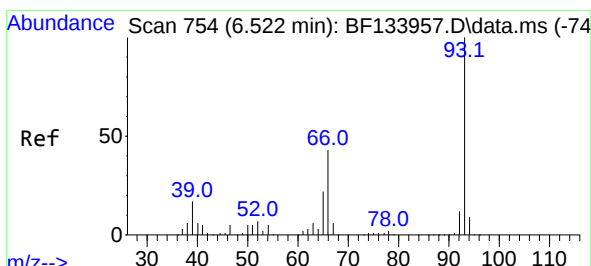
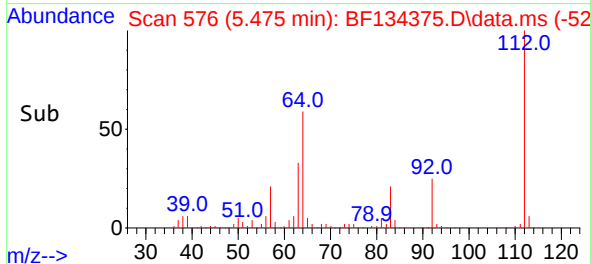
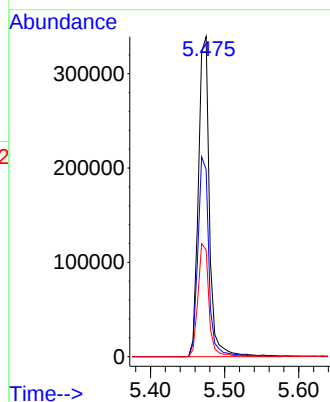
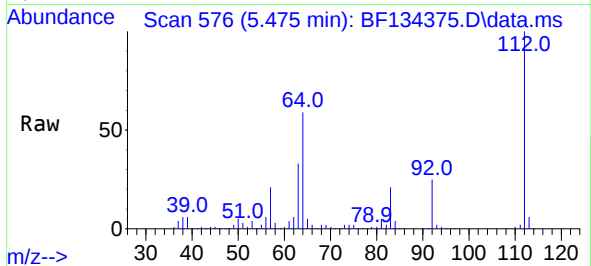
SSTDCCC040

Tgt Ion:112 Resp: 34957
Ion Ratio Lower Upper
112 100
64 58.5 52.1 78.1
63 33.4 28.6 42.8

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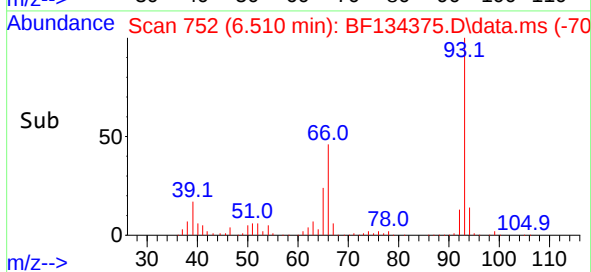
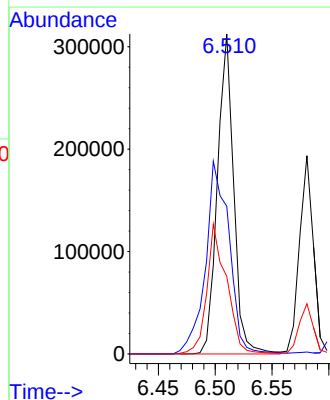
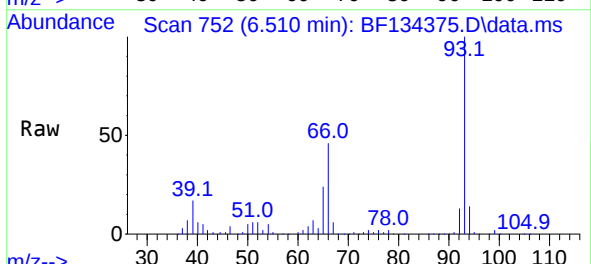
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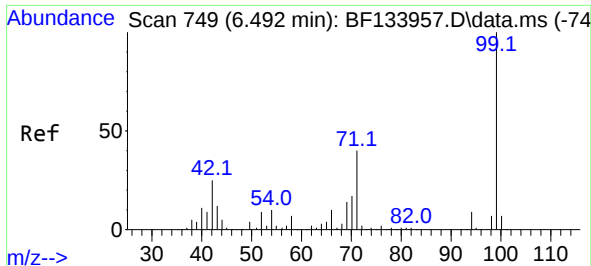
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#6
Aniline
Concen: 48.278 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

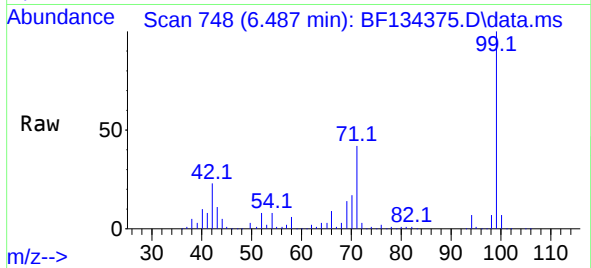
Tgt Ion: 93 Resp: 311868
Ion Ratio Lower Upper
93 100
66 46.1 34.5 51.7
65 24.2 17.8 26.6





#7
Phenol-d6
Concen: 93.641 ng
RT: 6.487 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

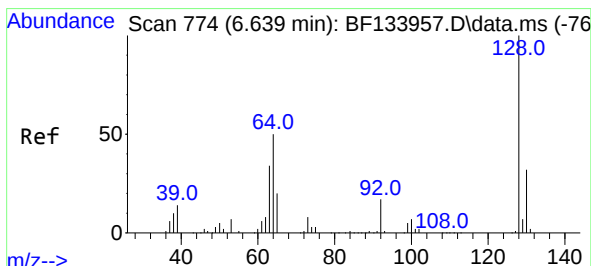
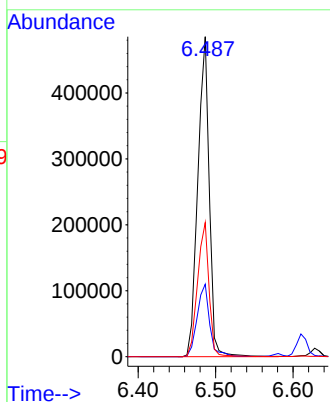
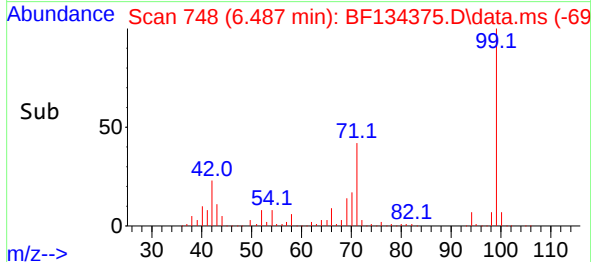
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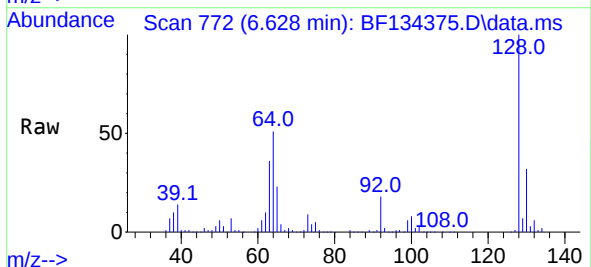
Tgt Ion: 99 Resp: 49710
Ion Ratio Lower Upper
99 100
42 22.7 19.8 29.6
71 41.9 31.9 47.9

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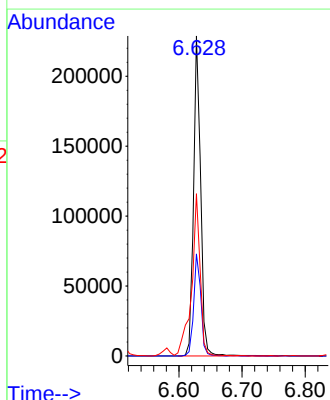
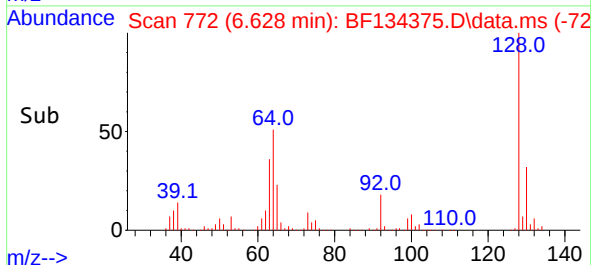
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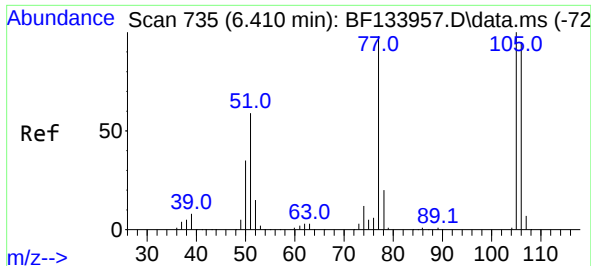


#8
2-Chlorophenol
Concen: 40.687 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29



Tgt Ion:128 Resp: 178287
Ion Ratio Lower Upper
128 100
130 31.9 11.7 51.7
64 50.7 31.3 71.3





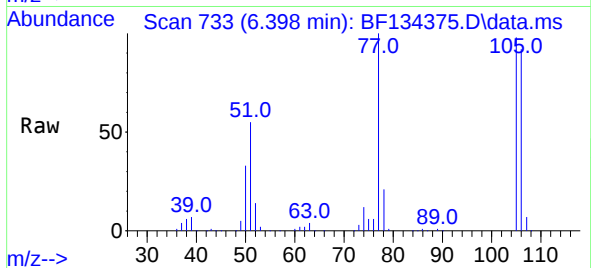
#9
Benzaldehyde
Concen: 58.230 ng
RT: 6.398 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

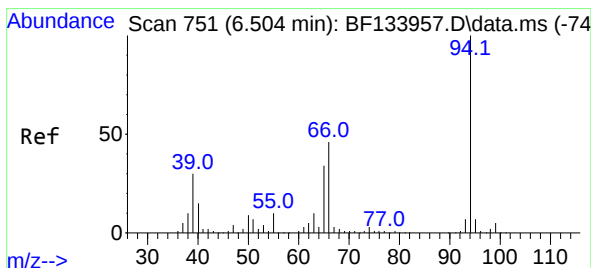
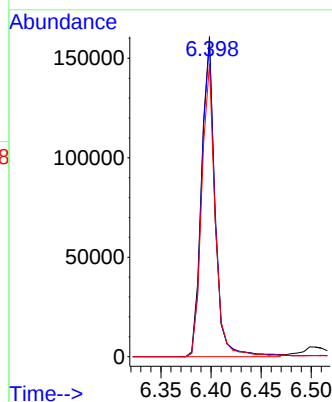


Tgt Ion: 77 Resp: 150208
Ion Ratio Lower Upper
77 100
105 98.4 82.0 122.0
106 91.6 76.9 116.9

Manual Integrations

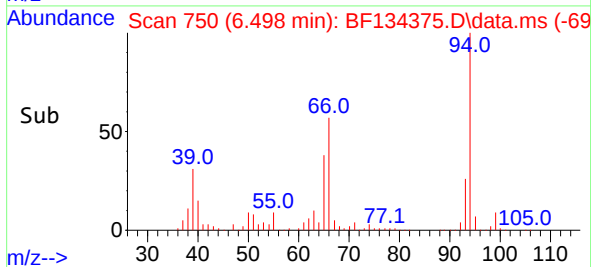
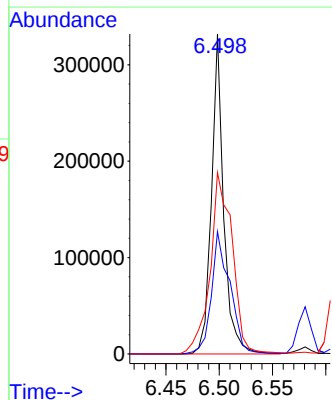
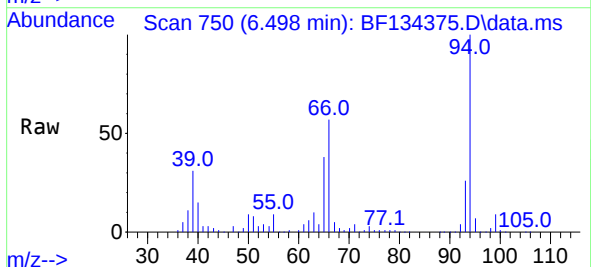
APPROVED

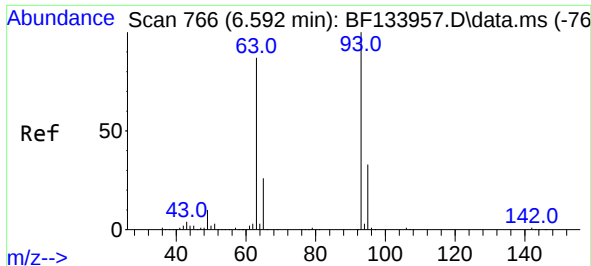
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#10
Phenol
Concen: 47.560 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

Tgt Ion: 94 Resp: 265459
Ion Ratio Lower Upper
94 100
65 38.2 14.2 54.2
66 56.7 26.4 66.4





#11
bis(2-Chloroethyl)ether
Concen: 39.269 ng
RT: 6.581 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

Instrument :

BNA_F

ClientSampleId :

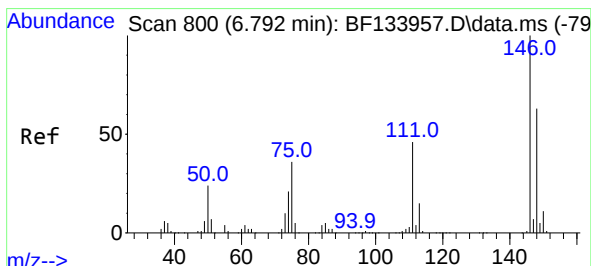
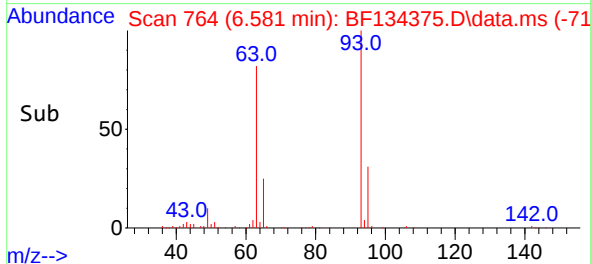
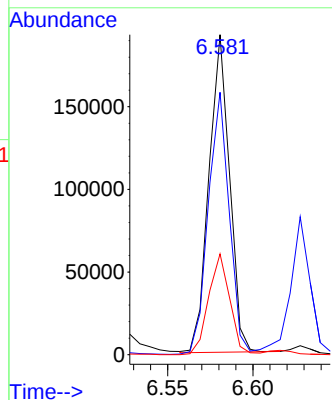
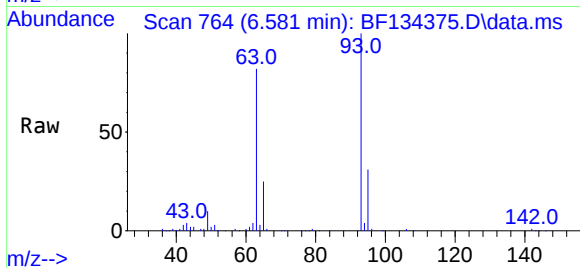
SSTDCCC040

Tgt Ion: 93 Resp: 161368
Ion Ratio Lower Upper
93 100
63 82.0 66.5 106.5
95 31.5 12.9 52.9

Manual Integrations

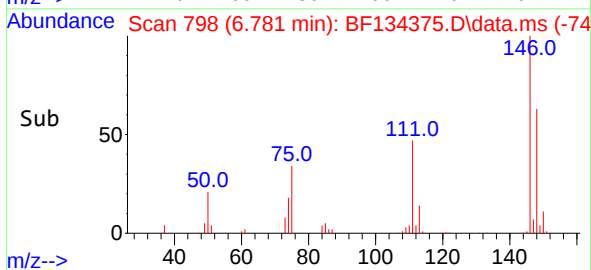
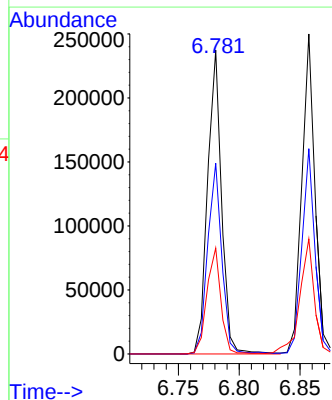
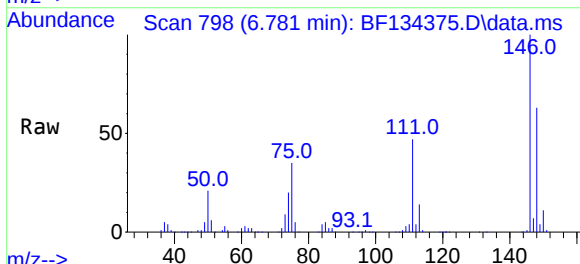
APPROVED

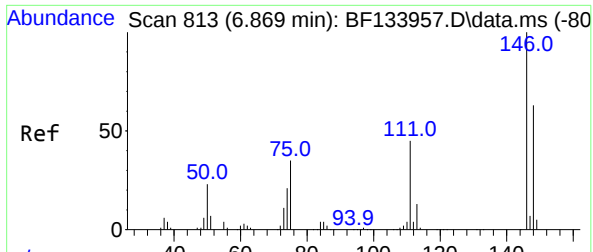
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#12
1,3-Dichlorobenzene
Concen: 40.458 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

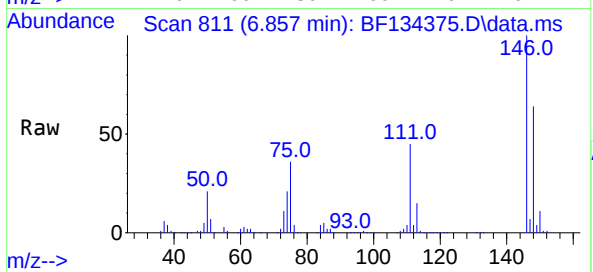
Tgt Ion:146 Resp: 189003
Ion Ratio Lower Upper
146 100
148 62.8 50.5 75.7
75 34.9 29.0 43.6





#13
1,4-Dichlorobenzene
Concen: 40.613 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

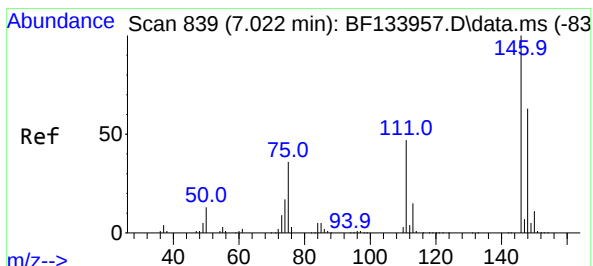
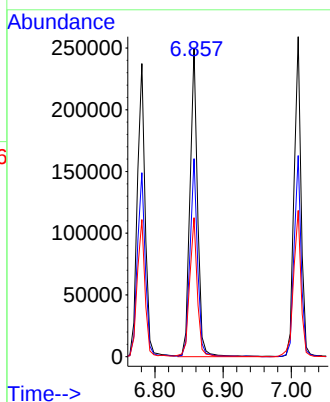
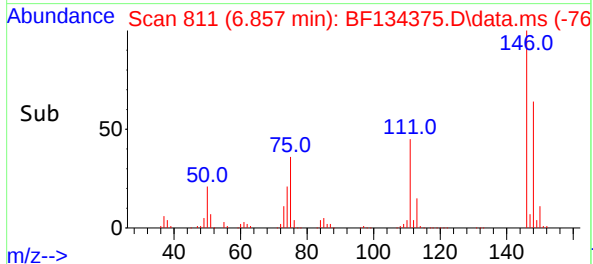
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



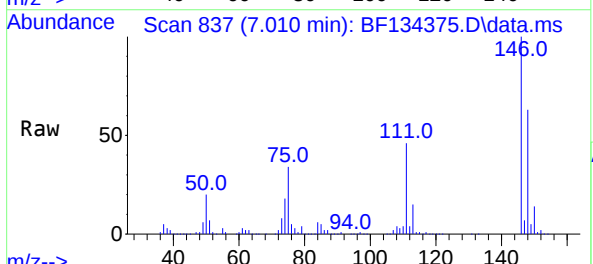
Tgt Ion:146 Resp: 191639
Ion Ratio Lower Upper
146 100
148 64.2 50.2 75.2
111 45.1 35.8 53.6

Manual Integrations
APPROVED

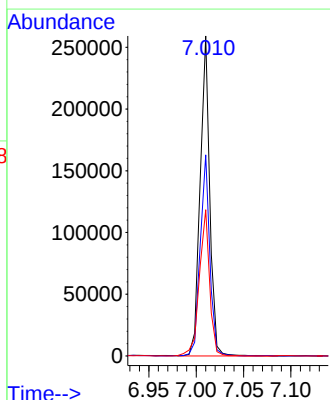
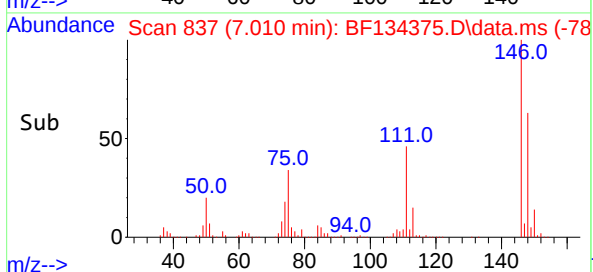
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

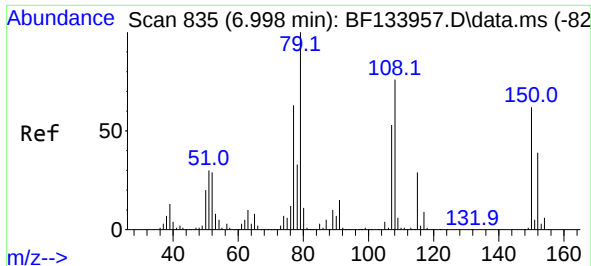


#14
1,2-Dichlorobenzene
Concen: 41.549 ng
RT: 7.010 min Scan# 837
Delta R.T. -0.006 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29



Tgt Ion:146 Resp: 183609
Ion Ratio Lower Upper
146 100
148 62.9 50.6 76.0
111 45.7 38.0 57.0





#15
Benzyl Alcohol
Concen: 41.752 ng
RT: 6.987 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

Instrument :

BNA_F

ClientSampleId :

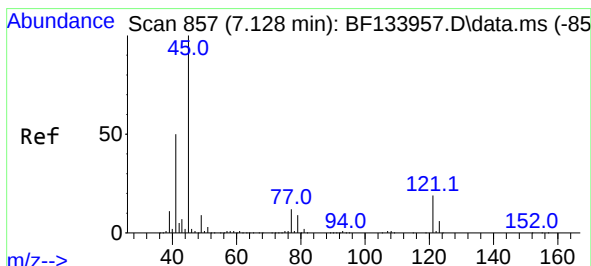
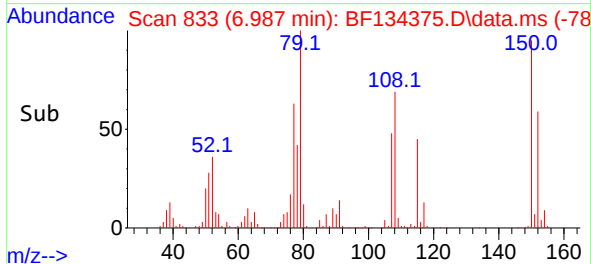
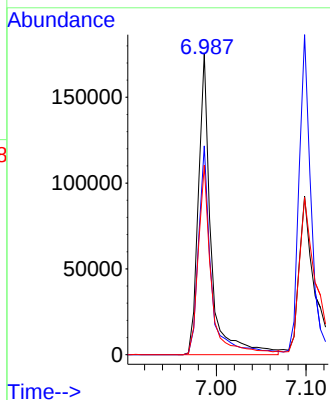
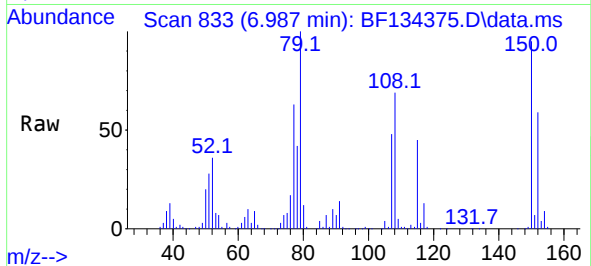
SSTDCCC040

Tgt Ion: 79 Resp: 17086
Ion Ratio Lower Upper
79 100
108 69.2 60.7 91.1
77 62.8 50.6 75.8

Manual Integrations

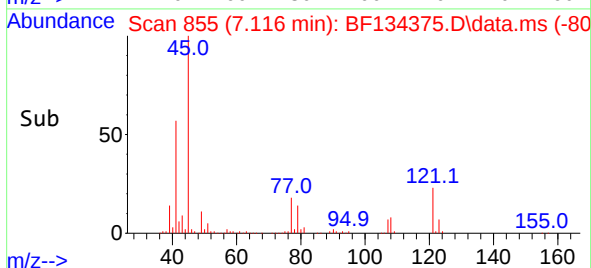
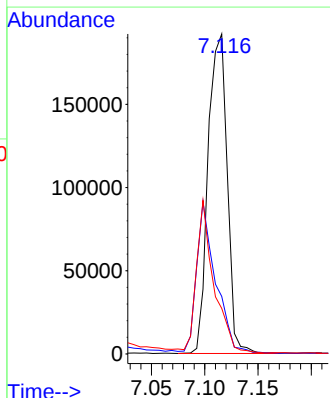
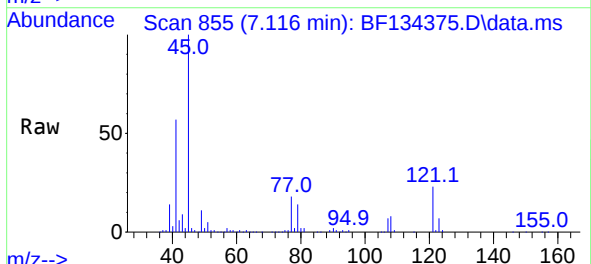
APPROVED

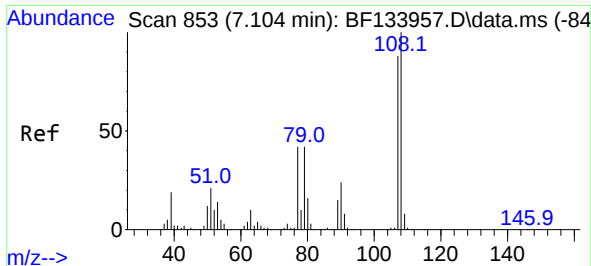
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.914 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

Tgt Ion: 45 Resp: 239276
Ion Ratio Lower Upper
45 100
77 18.0 0.0 32.9
79 14.2 0.0 29.5





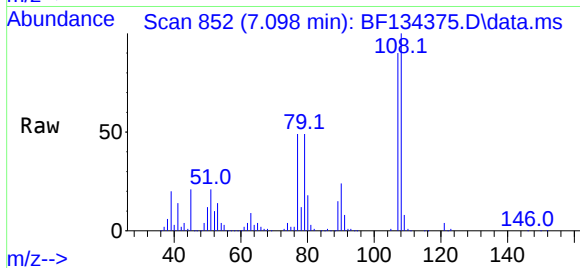
#17
2-Methylphenol
Concen: 39.429 ng
RT: 7.098 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

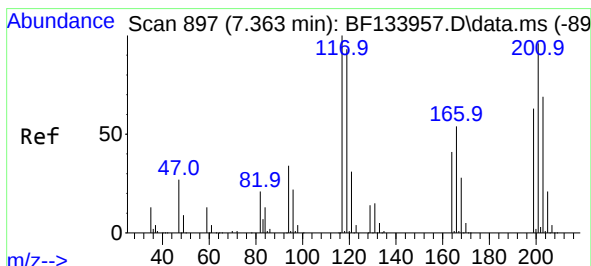
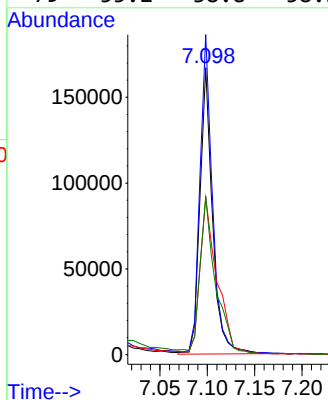
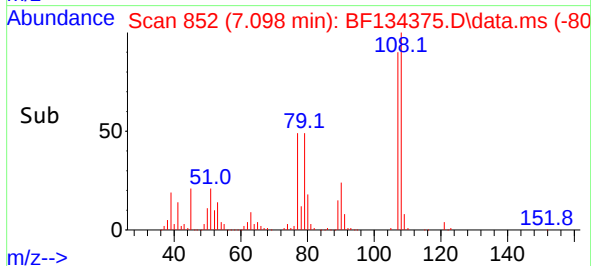


Tgt Ion:107 Resp: 15471
Ion Ratio Lower Upper
107 100
108 111.5 90.6 136.0
77 54.7 38.3 57.5
79 55.2 38.8 58.2

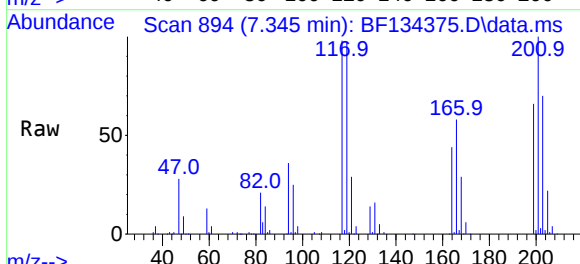
Manual Integrations

APPROVED

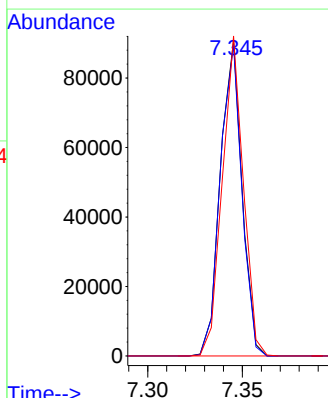
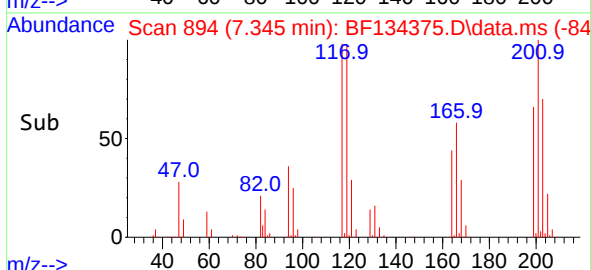
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

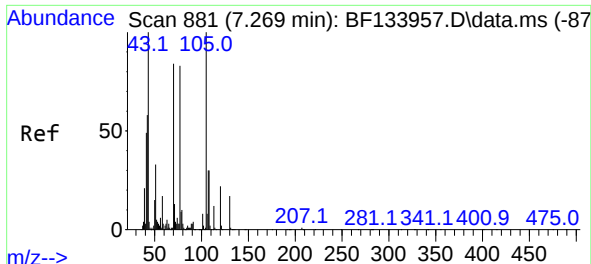


#18
Hexachloroethane
Concen: 41.083 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29



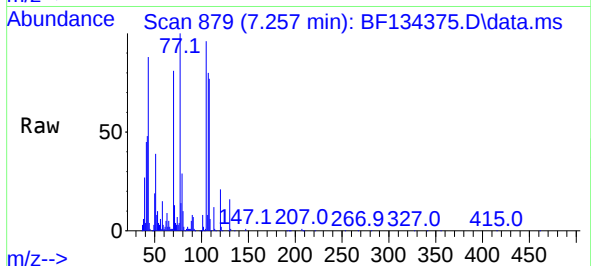
Tgt Ion:117 Resp: 71879
Ion Ratio Lower Upper
117 100
119 98.7 74.2 111.4
201 101.5 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 41.163 ng
RT: 7.257 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

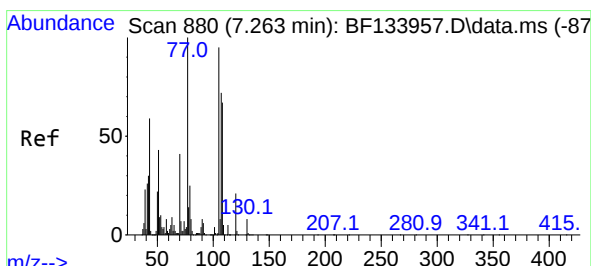
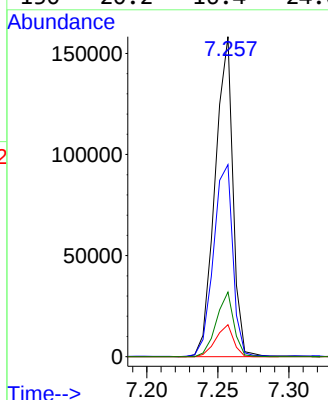
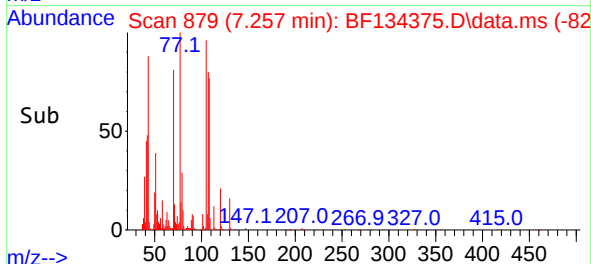
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



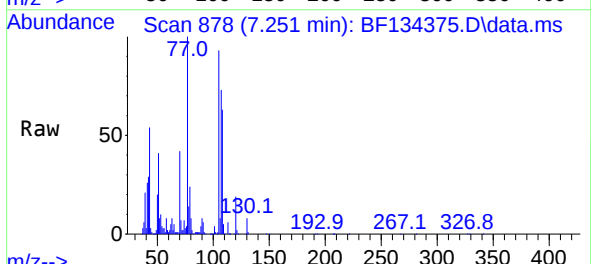
Tgt Ion: 70 Resp: 138578
Ion Ratio Lower Upper
70 100
42 60.0 54.7 82.1
101 10.0 7.7 11.5
130 20.2 16.4 24.6

Manual Integrations
APPROVED

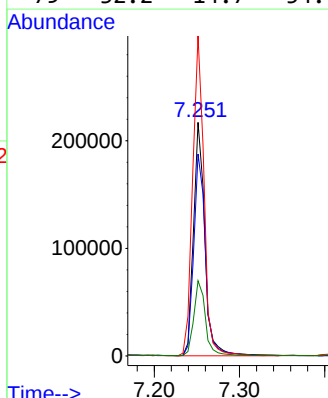
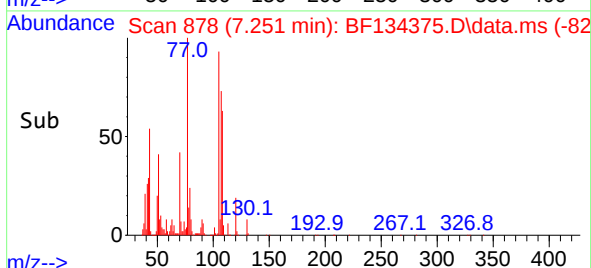
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

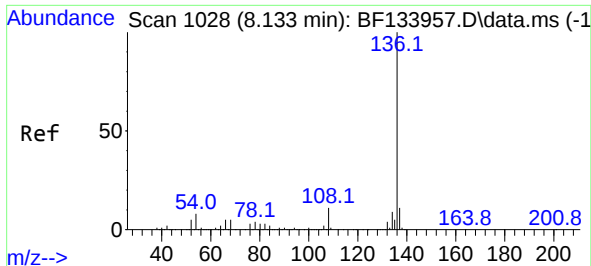


#20
3+4-Methylphenols
Concen: 42.234 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29



Tgt Ion:107 Resp: 201046
Ion Ratio Lower Upper
107 100
108 86.4 73.2 113.2
77 137.0 118.3 158.3
79 32.2 14.7 54.7





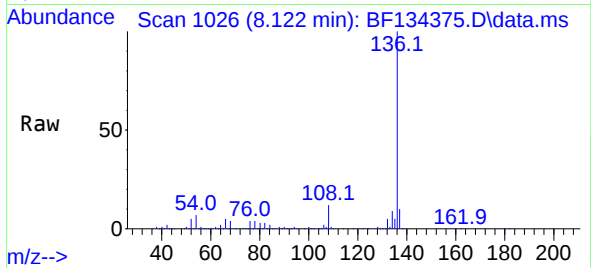
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

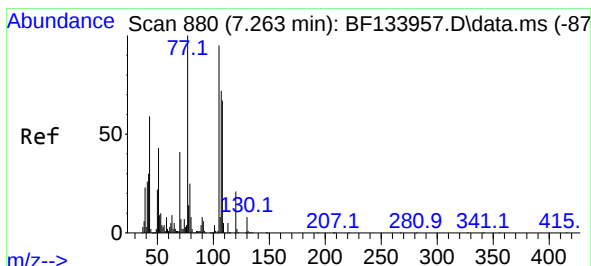
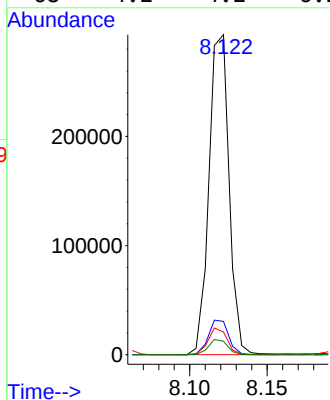
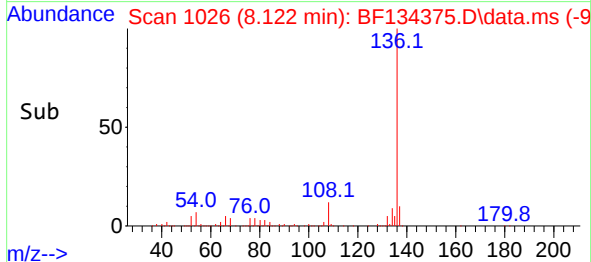


Tgt Ion:136 Resp: 265352
Ion Ratio Lower Upper
136 100
137 10.4 8.6 12.8
54 7.1 6.5 9.7
68 4.2 4.2 6.2

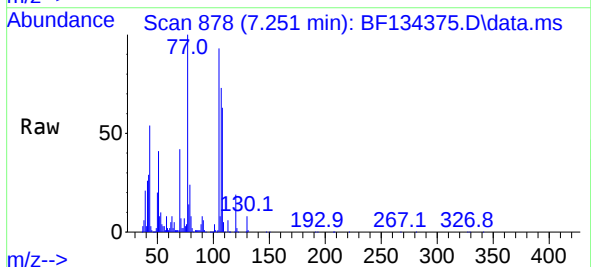
Manual Integrations

APPROVED

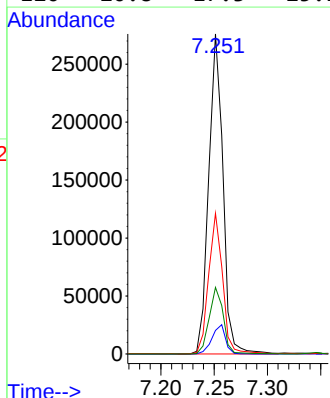
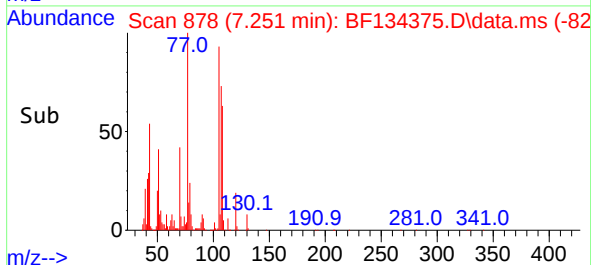
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

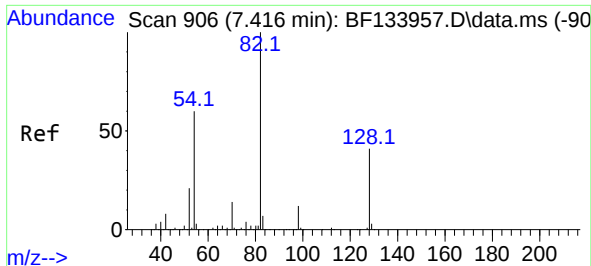


#22
Acetophenone
Concen: 42.694 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29



Tgt Ion:105 Resp: 257651
Ion Ratio Lower Upper
105 100
71 7.4 5.5 8.3
51 43.9 36.5 54.7
120 20.8 17.3 25.9





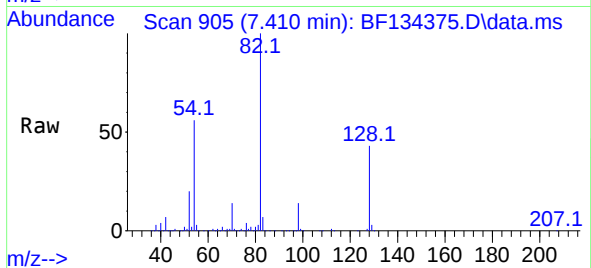
#23
Nitrobenzene-d5
Concen: 83.937 ng
RT: 7.410 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

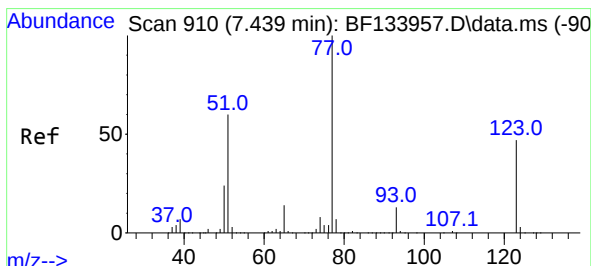
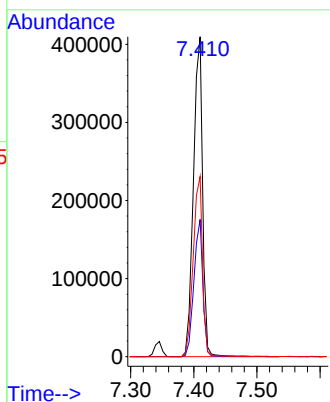
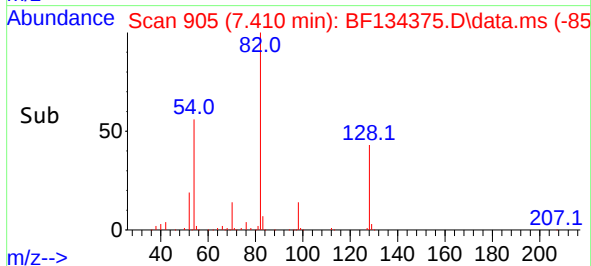


Tgt Ion: 82 Resp: 413185
Ion Ratio Lower Upper
82 100
128 42.9 32.5 48.7
54 56.3 48.2 72.2

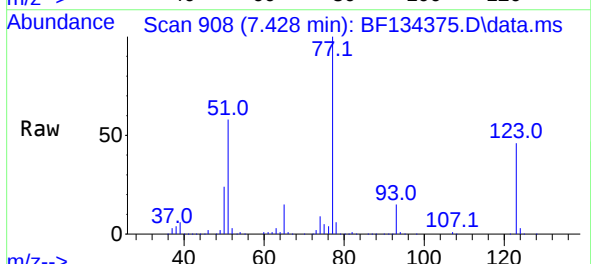
Manual Integrations

APPROVED

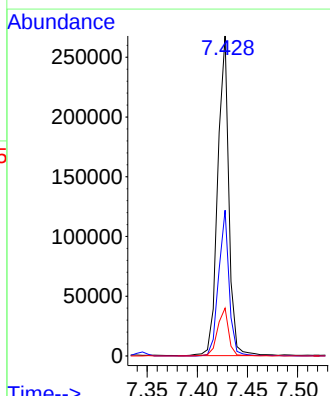
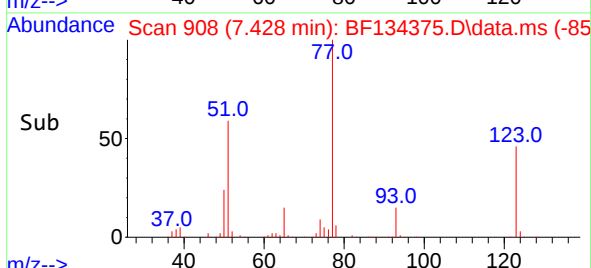
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

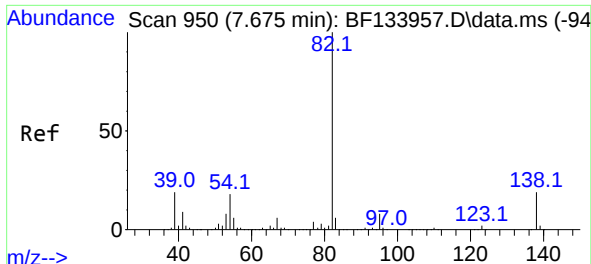


#24
Nitrobenzene
Concen: 41.187 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.000 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29



Tgt Ion: 77 Resp: 204878
Ion Ratio Lower Upper
77 100
123 45.6 37.8 56.6
65 15.0 11.3 16.9





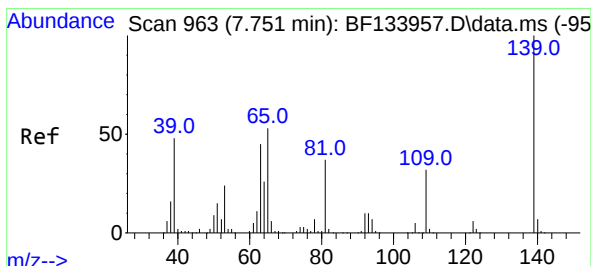
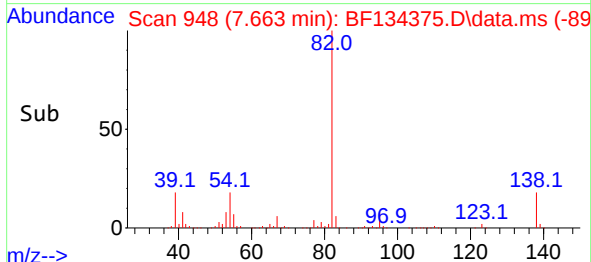
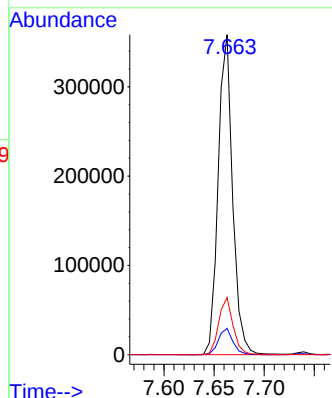
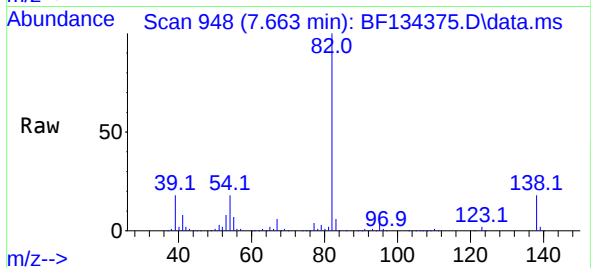
#25
Isophorone
Concen: 40.076 ng
RT: 7.663 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 35853
Ion Ratio Lower Upper
82 100
95 8.2 6.1 9.1
138 17.9 15.2 22.8

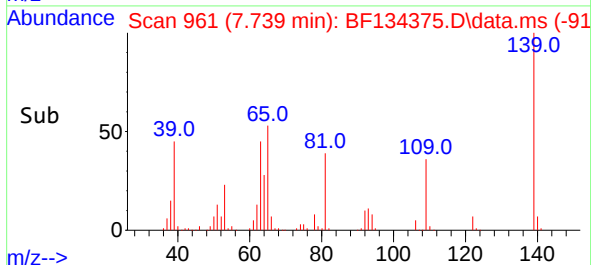
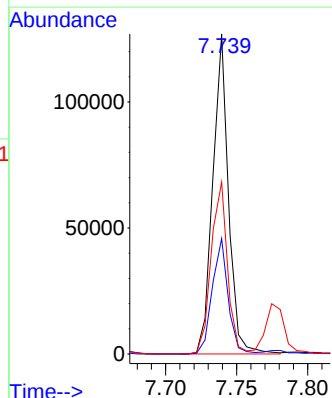
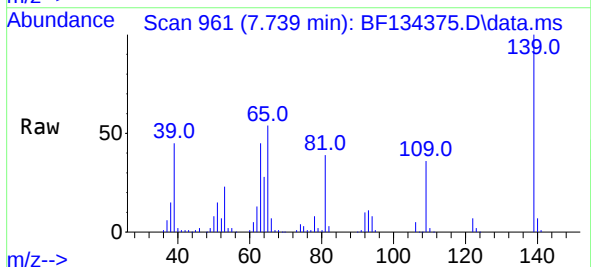
Manual Integrations
APPROVED

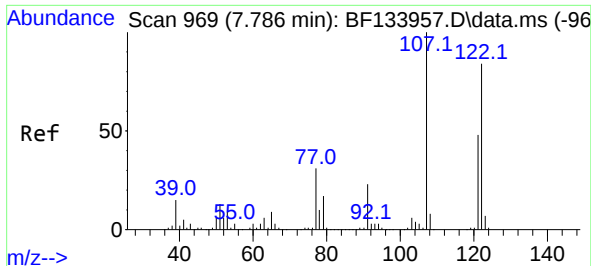
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#26
2-Nitrophenol
Concen: 40.859 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.006 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

Tgt Ion:139 Resp: 97501
Ion Ratio Lower Upper
139 100
109 36.1 25.8 38.8
65 53.7 42.4 63.6





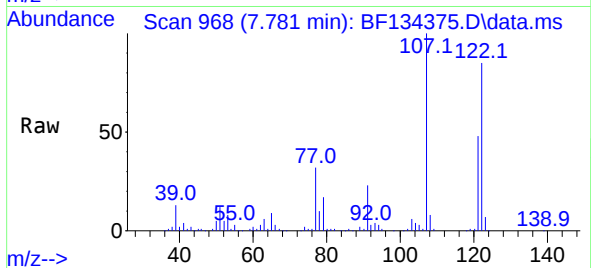
#27
2,4-Dimethylphenol
Concen: 40.185 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

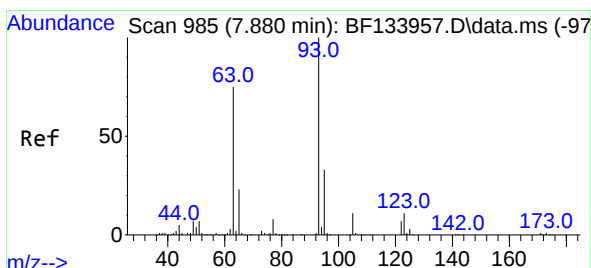
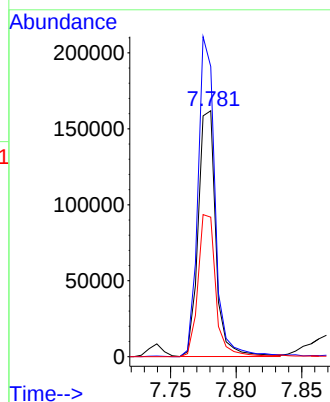
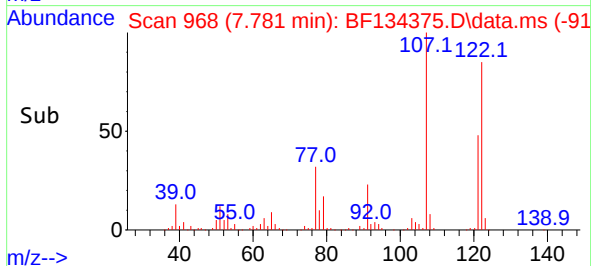


Tgt Ion:122 Resp: 15179
Ion Ratio Lower Upper
122 100
107 117.9 95.5 143.3
121 56.7 45.5 68.3

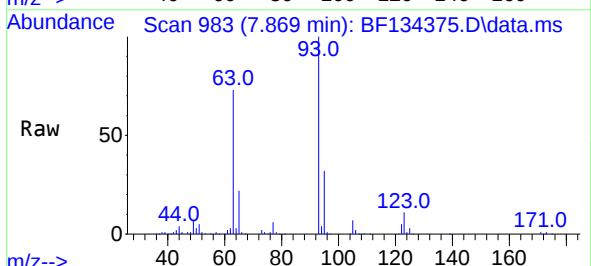
Manual Integrations

APPROVED

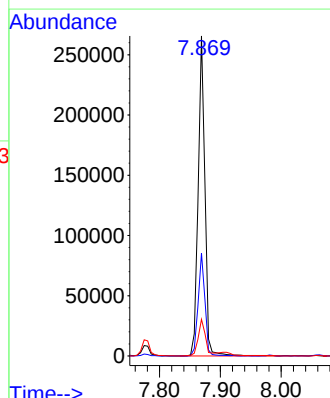
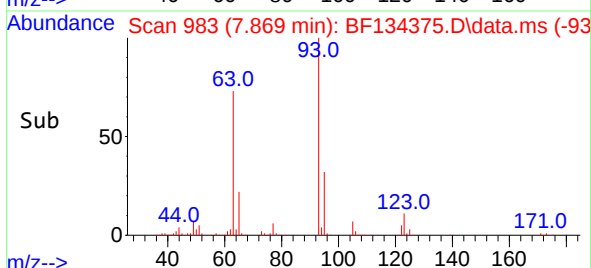
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

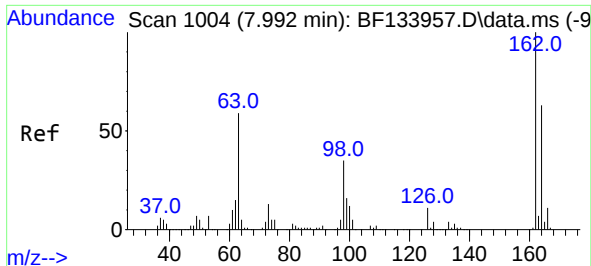


#28
bis(2-Chloroethoxy)methane
Concen: 39.571 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29



Tgt Ion: 93 Resp: 204988
Ion Ratio Lower Upper
93 100
95 32.2 26.5 39.7
123 11.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 41.129 ng

RT: 7.981 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BF134375.D

Acq: 20 Jul 2023 11:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

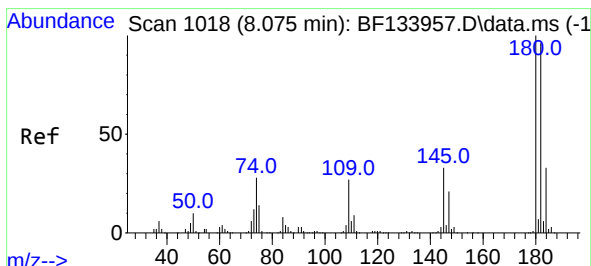
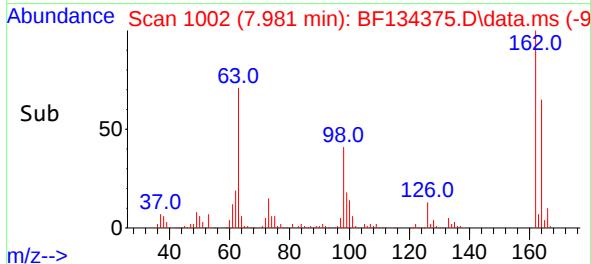
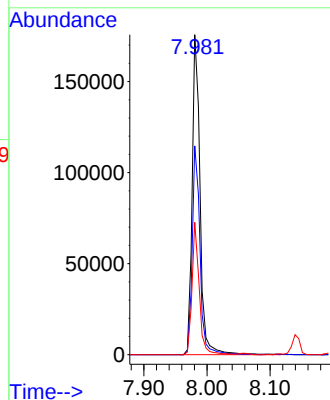
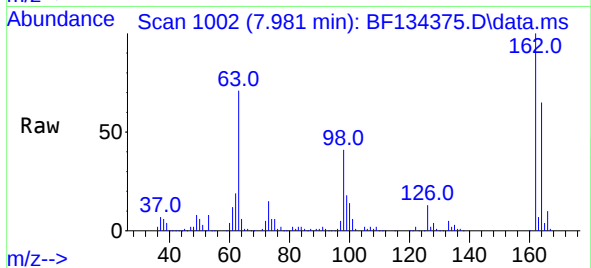
Tgt Ion:162 Resp: 154054
 Ion Ratio Lower Upper
 162 100
 164 65.3 43.2 83.2
 98 41.3 14.9 54.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/21/2023

Supervised By :mohammad ahmed 07/21/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.325 ng

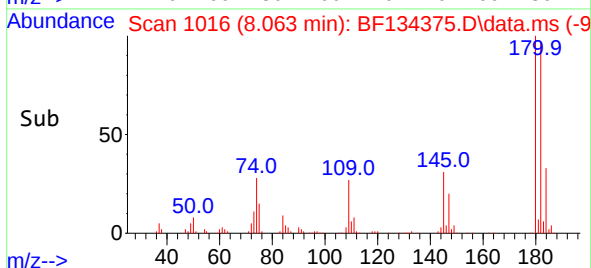
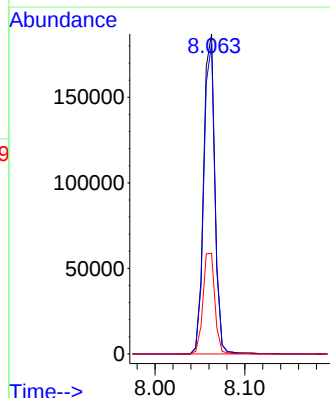
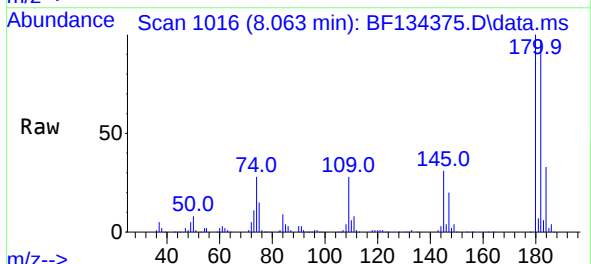
RT: 8.063 min Scan# 1016

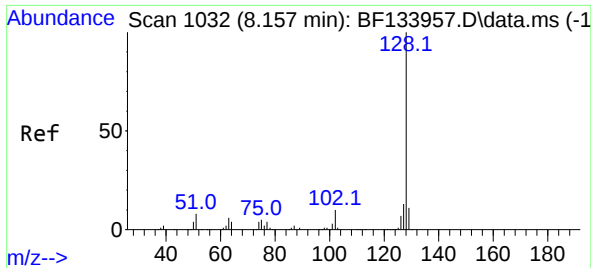
Delta R.T. 0.000 min

Lab File: BF134375.D

Acq: 20 Jul 2023 11:29

Tgt Ion:180 Resp: 163581
 Ion Ratio Lower Upper
 180 100
 182 97.0 77.1 115.7
 145 31.5 26.0 39.0





#31
Naphthalene
Concen: 41.033 ng
RT: 8.139 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

Instrument :

BNA_F

ClientSampleId :

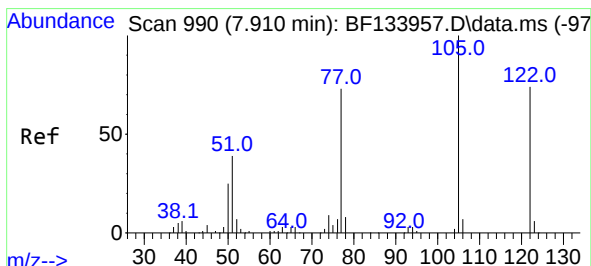
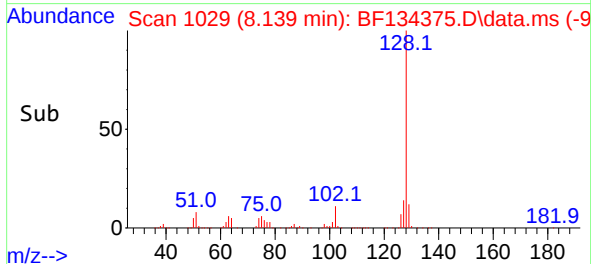
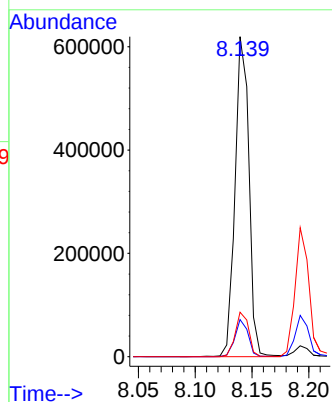
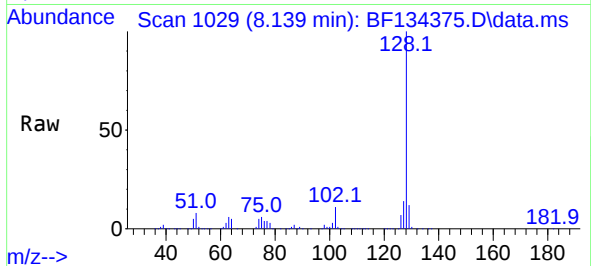
SSTDCCC040

Tgt Ion:128 Resp: 52593
Ion Ratio Lower Upper
128 100
129 11.6 8.7 13.1
127 13.9 10.6 15.8

Manual Integrations

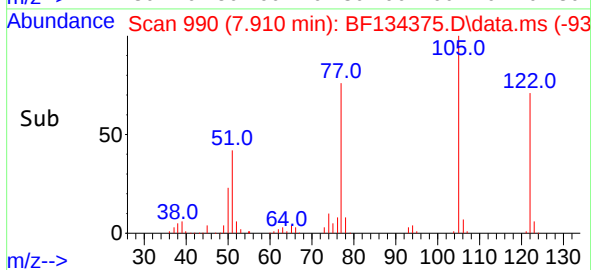
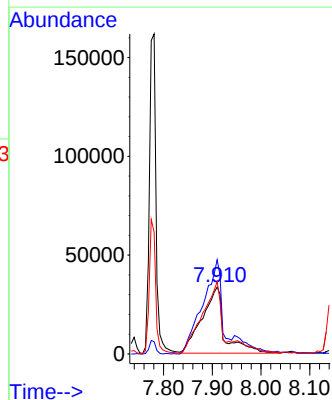
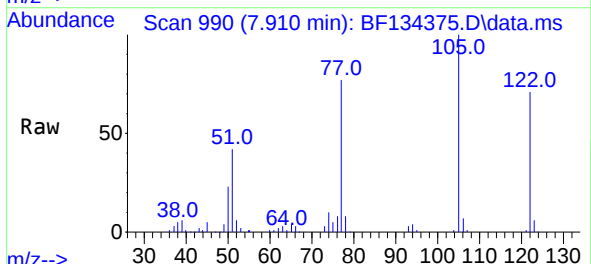
APPROVED

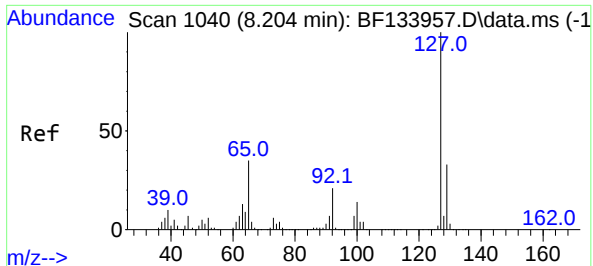
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#32
Benzoic acid
Concen: 38.101 ng m
RT: 7.910 min Scan# 990
Delta R.T. 0.006 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

Tgt Ion:122 Resp: 107842
Ion Ratio Lower Upper
122 100
105 141.0 109.7 149.7
77 108.1 76.0 116.0





#33
4-Chloroaniline
Concen: 40.082 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

Instrument :

BNA_F

ClientSampleId :

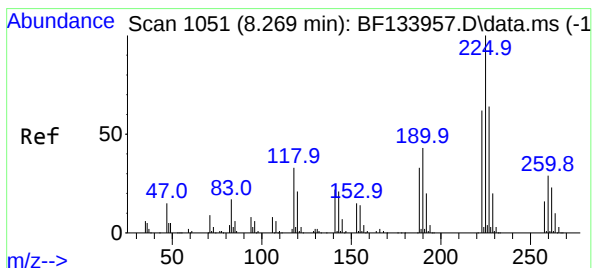
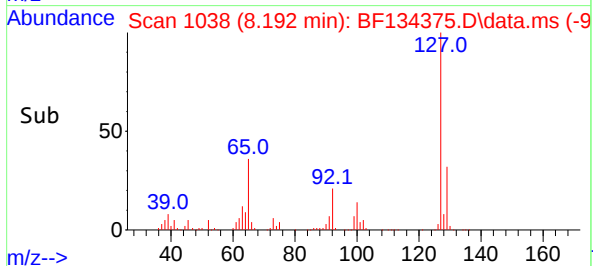
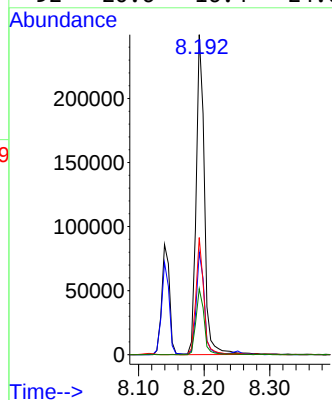
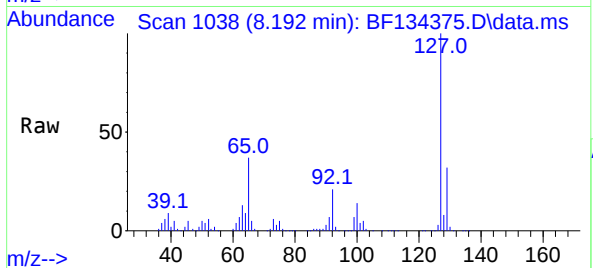
SSTDCCC040

Tgt Ion:	127	Resp:	21976
Ion Ratio	Lower	Upper	
127	100		
129	32.0	26.4	39.6
65	36.6	27.8	41.8
92	20.6	16.4	24.6

Manual Integrations

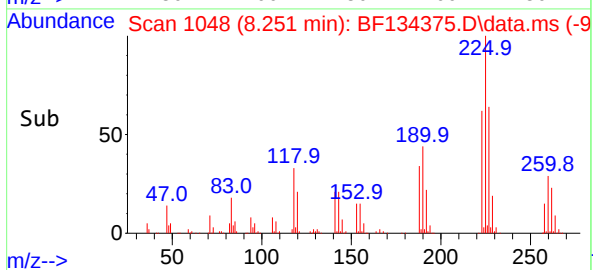
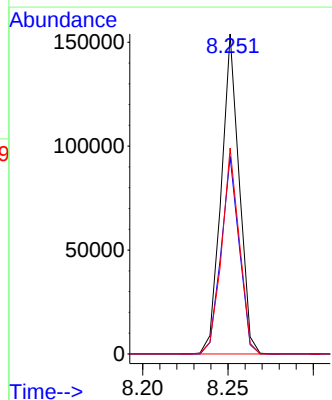
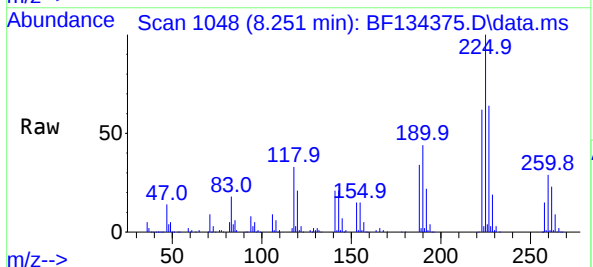
APPROVED

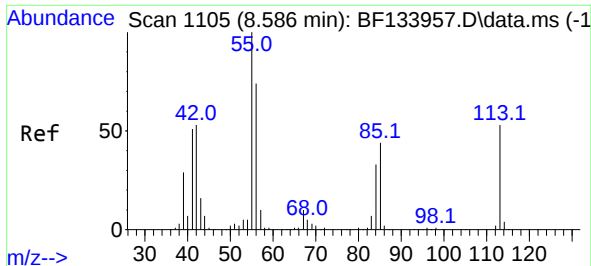
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#34
Hexachlorobutadiene
Concen: 46.257 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

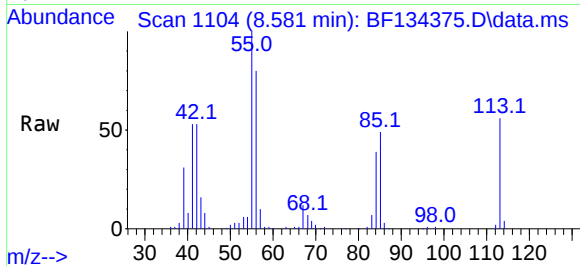
Tgt Ion:	225	Resp:	112775
Ion Ratio	Lower	Upper	
225	100		
223	61.7	49.8	74.8
227	64.3	51.0	76.4





#35
Caprolactam
Concen: 37.418 ng
RT: 8.581 min Scan# 1104
Delta R.T. 0.006 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

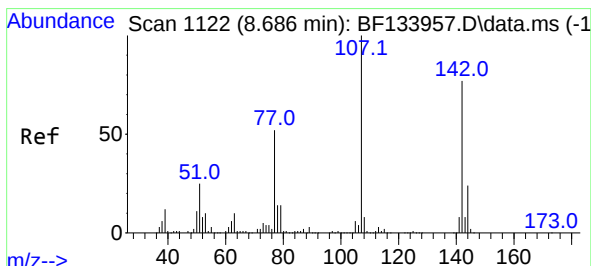
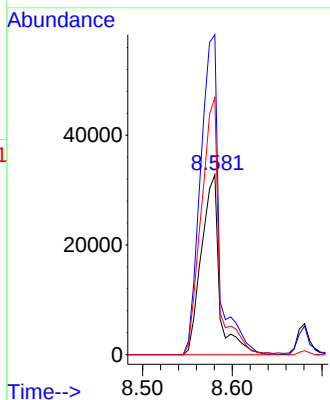
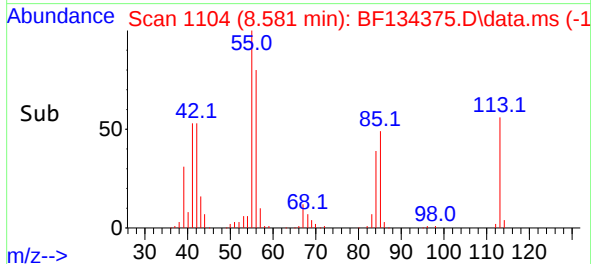
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



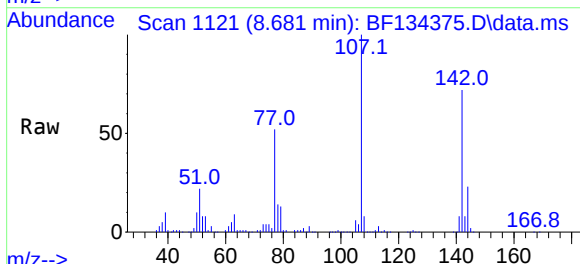
Tgt Ion:113 Resp: 46148
Ion Ratio Lower Upper
113 100
55 177.8 170.2 210.2
56 143.0 121.4 161.4

Manual Integrations
APPROVED

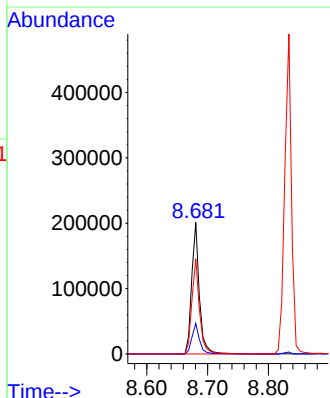
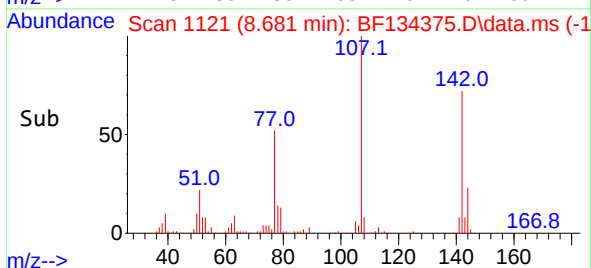
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

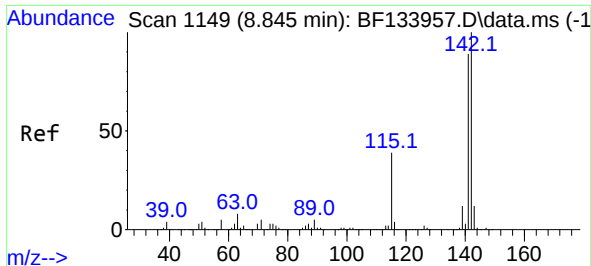


#36
4-Chloro-3-methylphenol
Concen: 42.253 ng
RT: 8.681 min Scan# 1121
Delta R.T. 0.000 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29



Tgt Ion:107 Resp: 177796
Ion Ratio Lower Upper
107 100
144 23.2 19.6 29.4
142 72.4 61.4 92.2





#37
2-Methylnaphthalene
Concen: 41.395 ng
RT: 8.833 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

Instrument :

BNA_F

ClientSampleId :

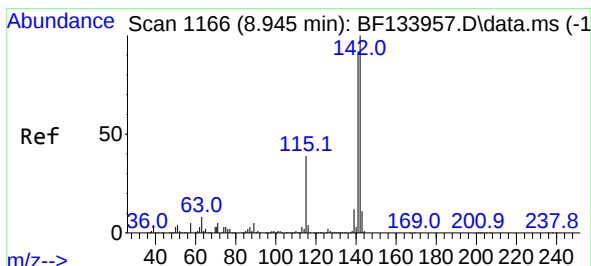
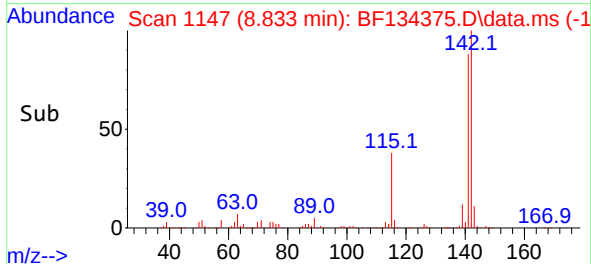
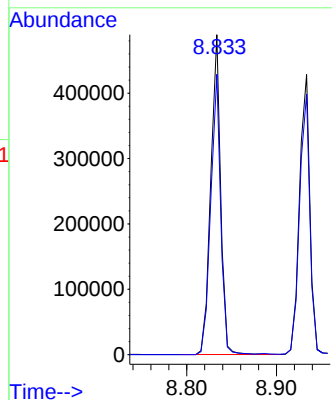
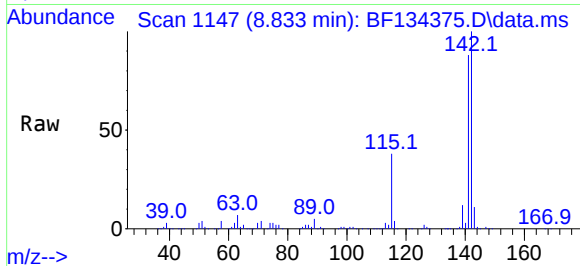
SSTDCCC040

Tgt Ion:142 Resp: 37520
Ion Ratio Lower Upper
142 100
141 87.6 71.0 106.4

Manual Integrations

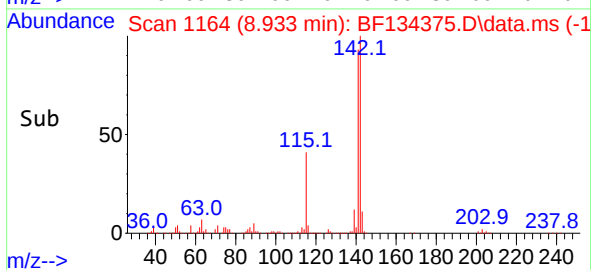
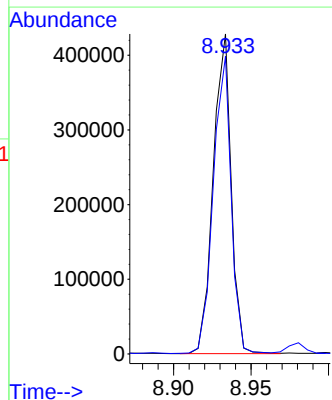
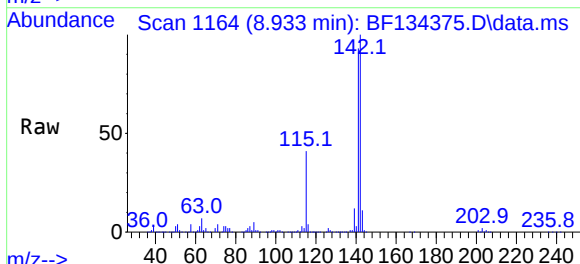
APPROVED

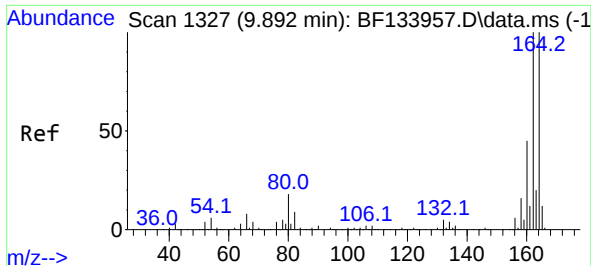
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#38
1-Methylnaphthalene
Concen: 40.860 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

Tgt Ion:142 Resp: 344290
Ion Ratio Lower Upper
142 100
141 93.1 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1175

Delta R.T. 0.000 min

Lab File: BF134375.D

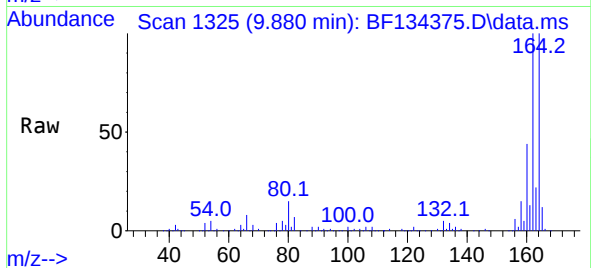
Acq: 20 Jul 2023 11:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 13826

Ion Ratio Lower Upper

164 100

162 99.6 80.0 120.0

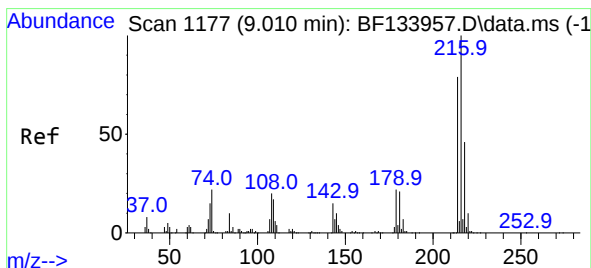
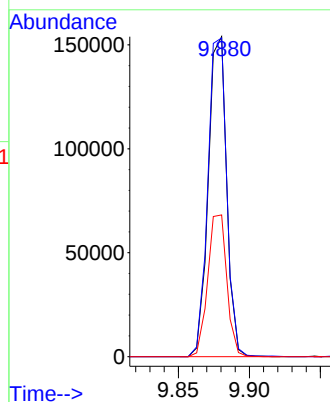
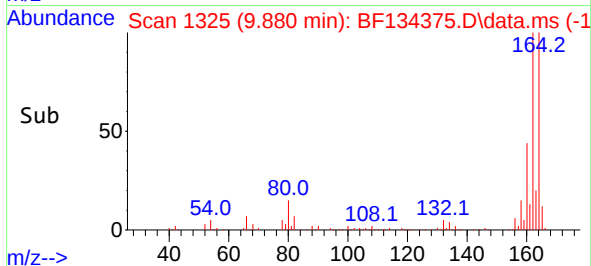
160 44.3 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/21/2023

Supervised By :mohammad ahmed 07/21/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.951 ng

RT: 8.998 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF134375.D

Acq: 20 Jul 2023 11:29

Tgt Ion:216 Resp: 175942

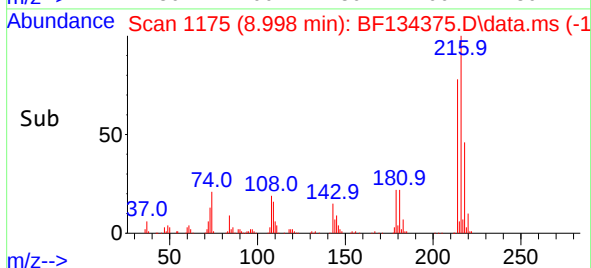
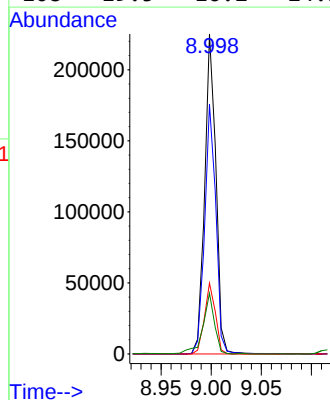
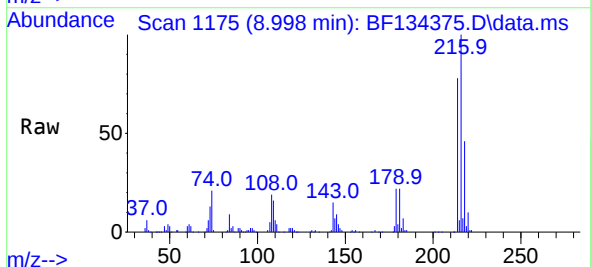
Ion Ratio Lower Upper

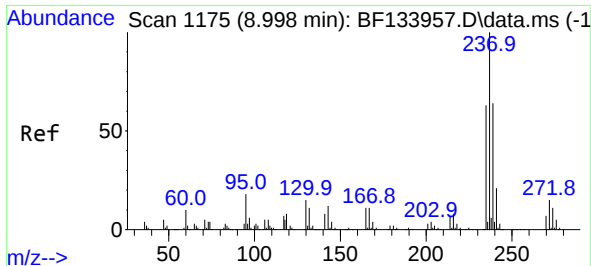
216 100

214 77.9 64.1 96.1

179 21.7 17.3 25.9

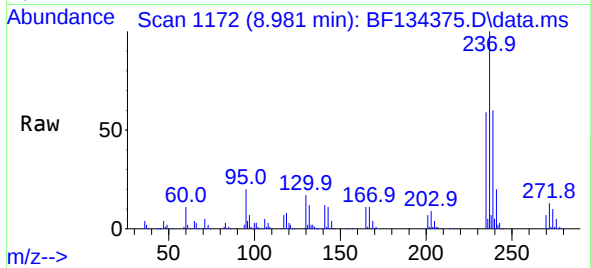
108 19.5 16.2 24.2





#41
Hexachlorocyclopentadiene
Concen: 45.842 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

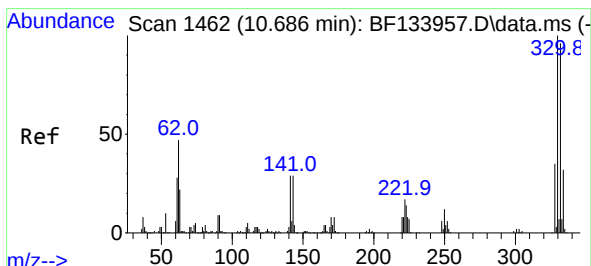
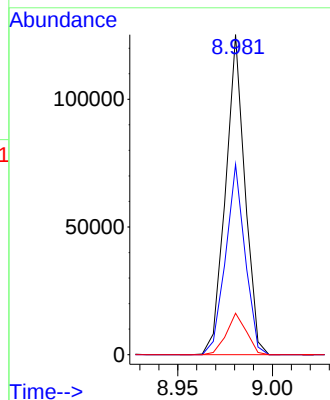
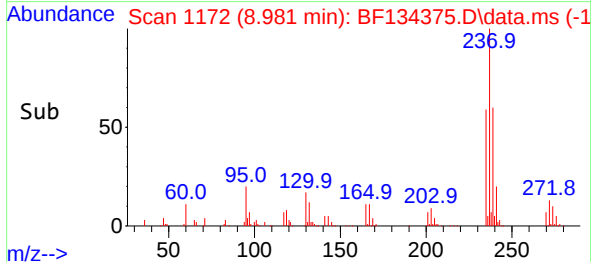
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



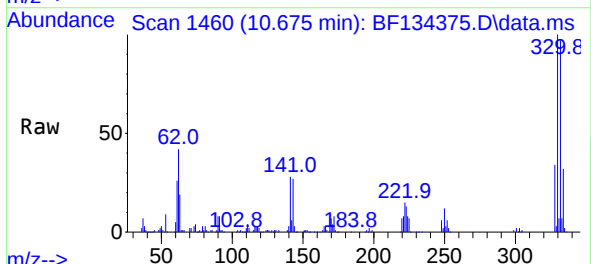
Tgt Ion:237 Resp: 89089
Ion Ratio Lower Upper
237 100
235 59.4 42.8 82.8
272 12.9 0.0 34.6

Manual Integrations
APPROVED

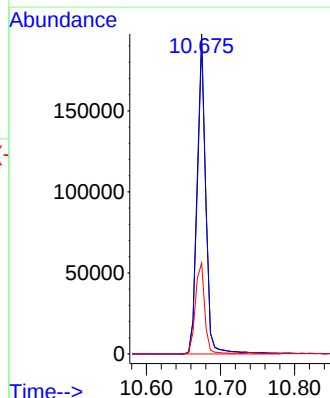
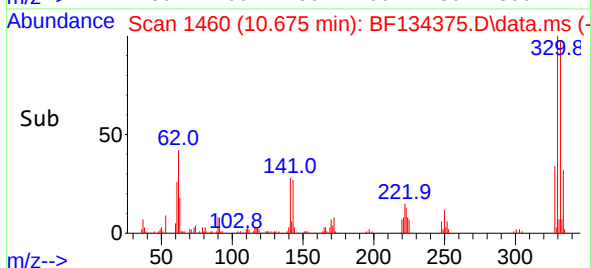
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

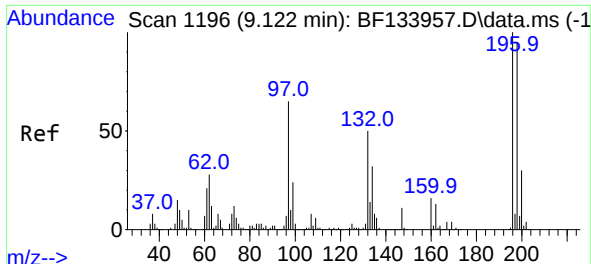


#42
2,4,6-Tribromophenol
Concen: 92.373 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29



Tgt Ion:330 Resp: 160134
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.6
141 30.6 26.3 39.5





#43
2,4,6-Trichlorophenol
Concen: 40.047 ng
RT: 9.116 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

Instrument :

BNA_F

ClientSampleId :

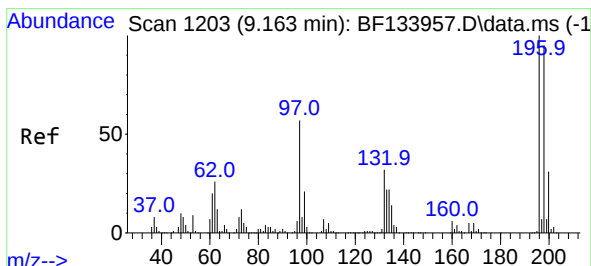
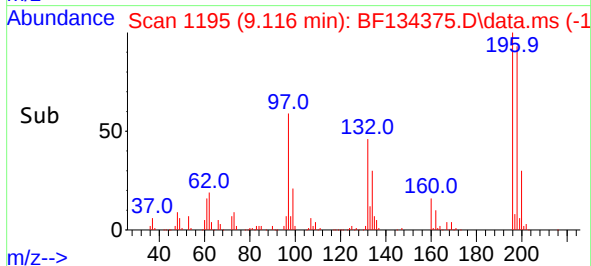
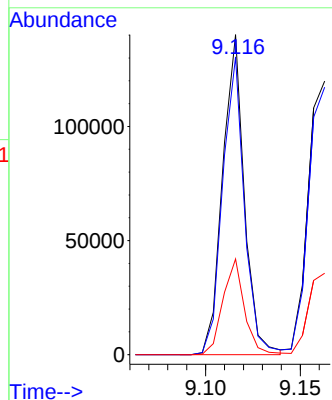
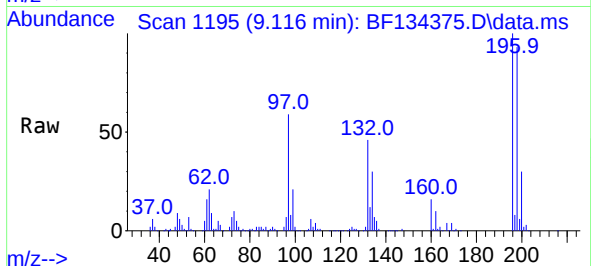
SSTDCCC040

Tgt Ion:196 Resp: 11167
Ion Ratio Lower Upper
196 100
198 93.1 75.6 113.4
200 29.9 24.4 36.6

Manual Integrations

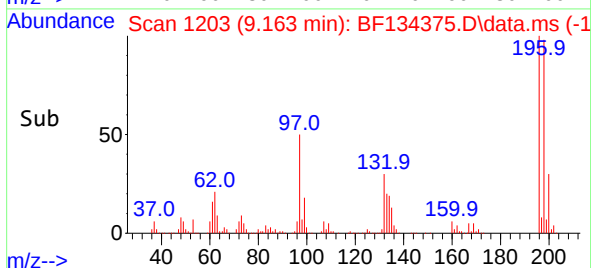
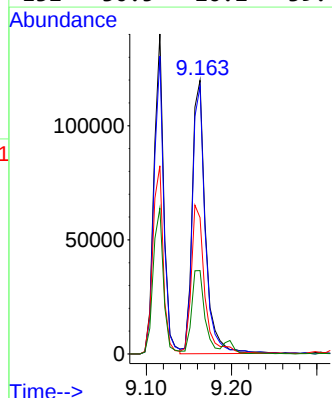
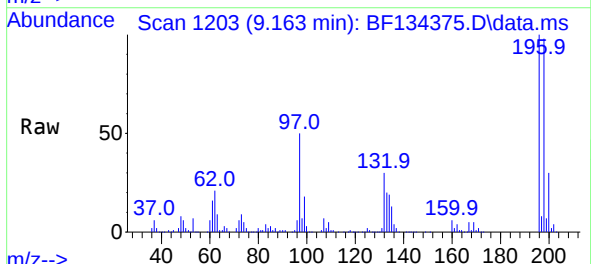
APPROVED

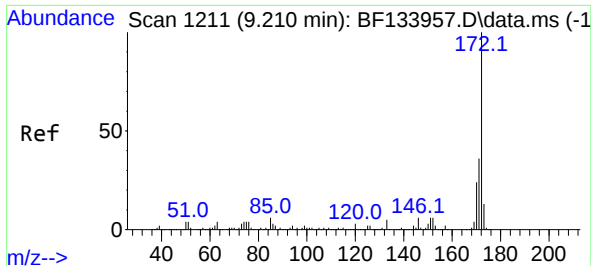
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#44
2,4,5-Trichlorophenol
Concen: 39.441 ng
RT: 9.163 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

Tgt Ion:196 Resp: 129370
Ion Ratio Lower Upper
196 100
198 97.8 75.7 113.5
97 49.8 45.8 68.6
132 30.5 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 85.890 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF134375.D

Acq: 20 Jul 2023 11:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 816808

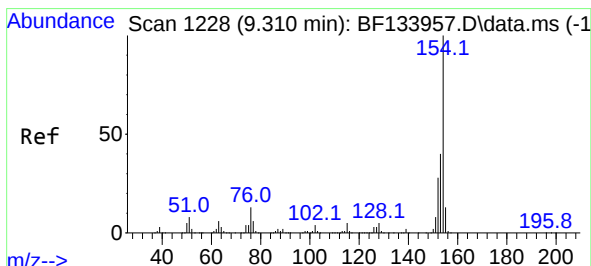
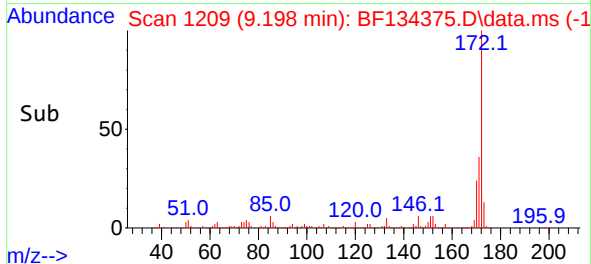
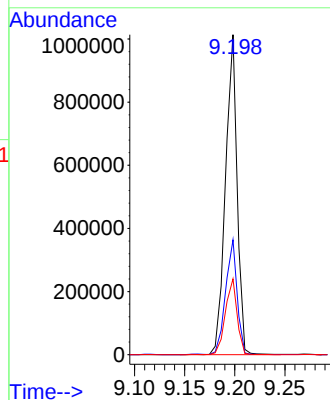
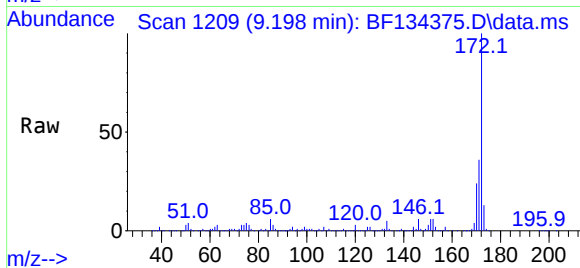
Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.7	19.4	29.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/21/2023

Supervised By :mohammad ahmed 07/21/2023



#46

1,1'-Biphenyl

Concen: 40.511 ng

RT: 9.298 min Scan# 1226

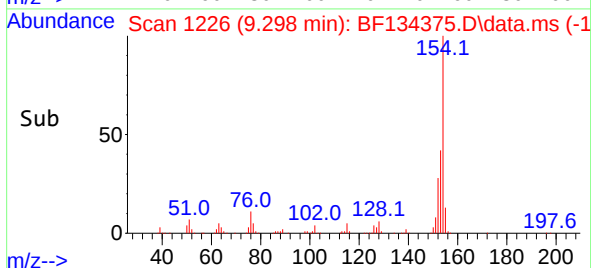
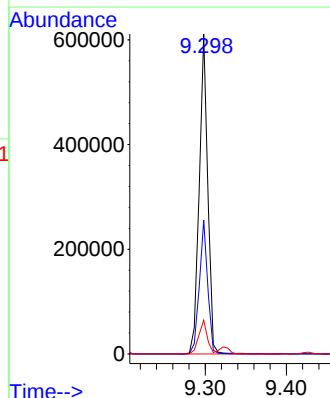
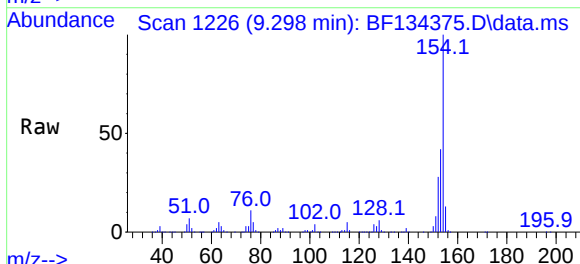
Delta R.T. -0.006 min

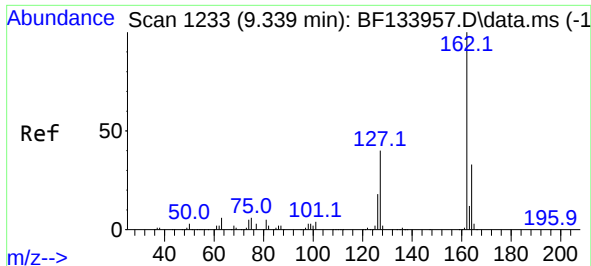
Lab File: BF134375.D

Acq: 20 Jul 2023 11:29

Tgt Ion:154 Resp: 449312

Ion	Ratio	Lower	Upper
154	100		
153	41.9	19.8	59.8
76	10.6	0.0	32.9





#47

2-Chloronaphthalene

Concen: 40.652 ng

RT: 9.328 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF134375.D

Acq: 20 Jul 2023 11:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

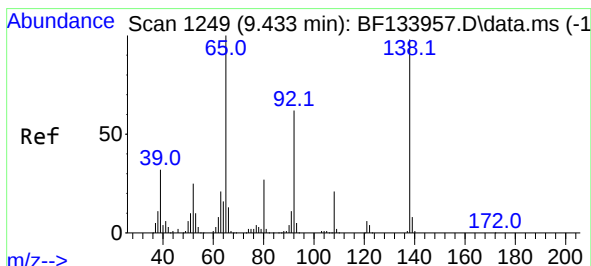
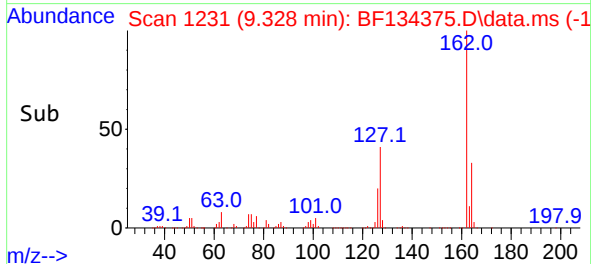
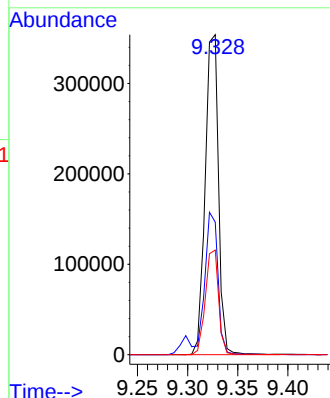
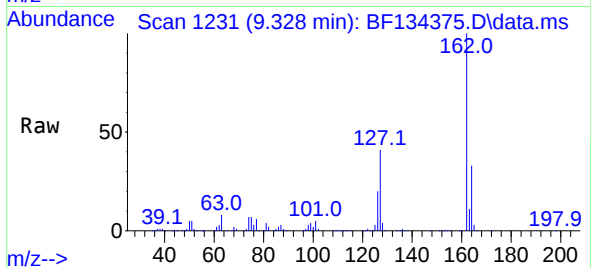
Tgt Ion:162 Resp: 329892
 Ion Ratio Lower Upper
 162 100
 127 41.4 32.9 49.3
 164 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/21/2023

Supervised By :mohammad ahmed 07/21/2023



#48

2-Nitroaniline

Concen: 38.894 ng

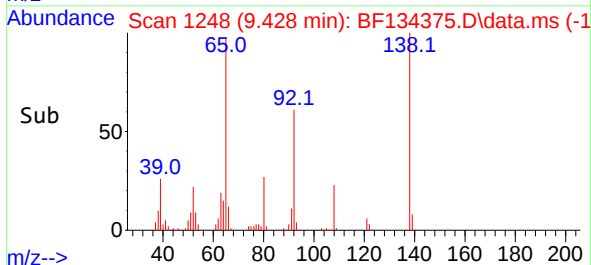
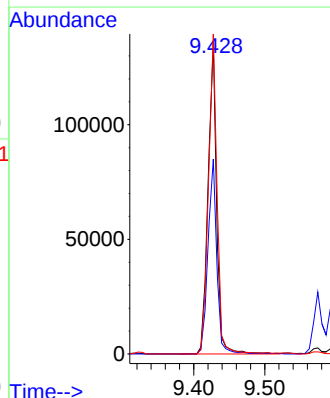
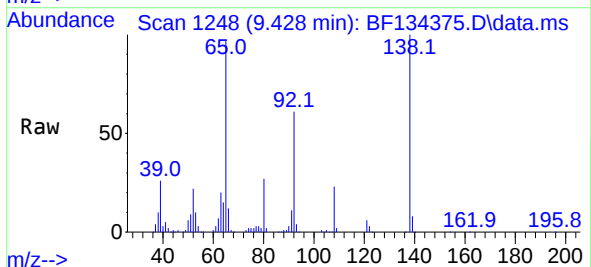
RT: 9.428 min Scan# 1248

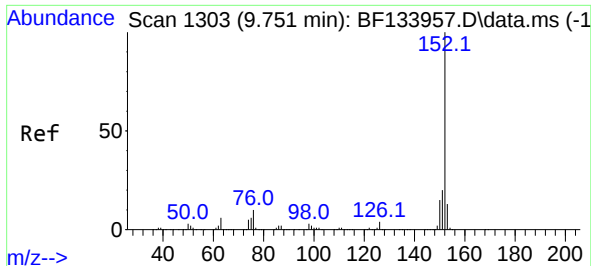
Delta R.T. 0.000 min

Lab File: BF134375.D

Acq: 20 Jul 2023 11:29

Tgt Ion: 65 Resp: 115028
 Ion Ratio Lower Upper
 65 100
 92 62.7 49.5 74.3
 138 102.9 78.0 117.0





#49
Acenaphthylene
Concen: 39.730 ng
RT: 9.739 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

Instrument :

BNA_F

ClientSampleId :

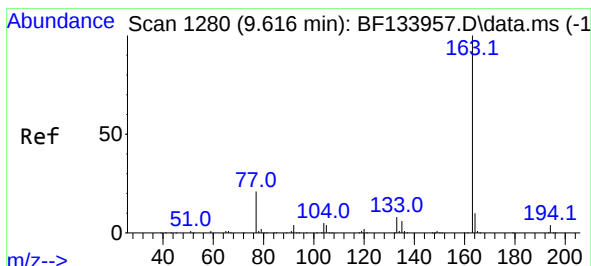
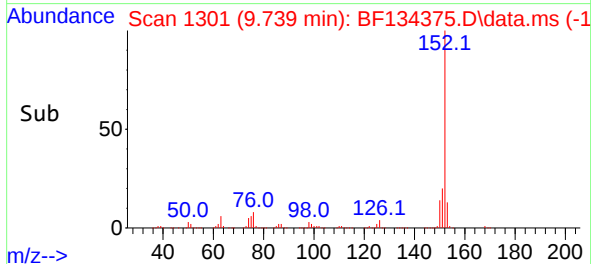
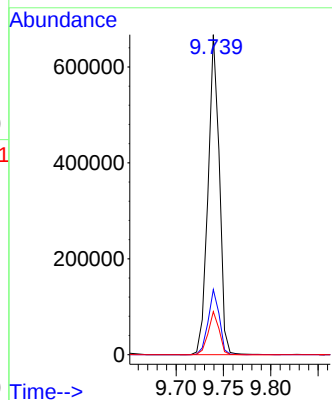
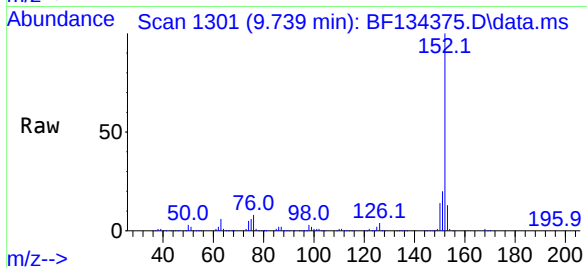
SSTDCCC040

Tgt Ion:152 Resp: 55075
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 13.5 10.8 16.2

Manual Integrations

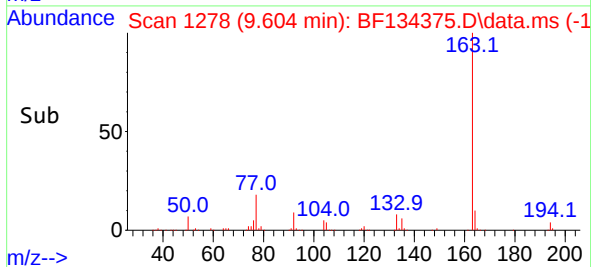
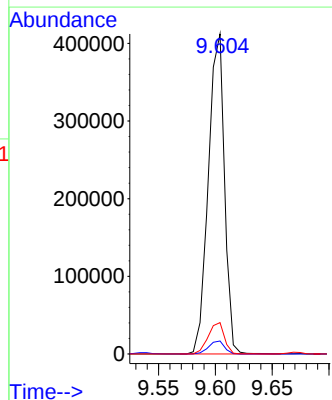
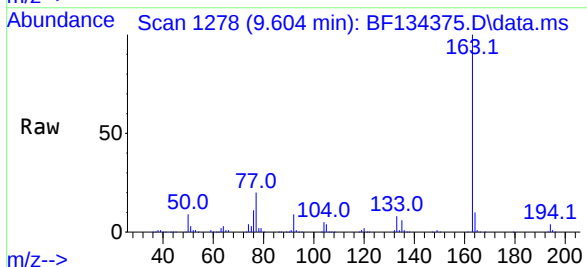
APPROVED

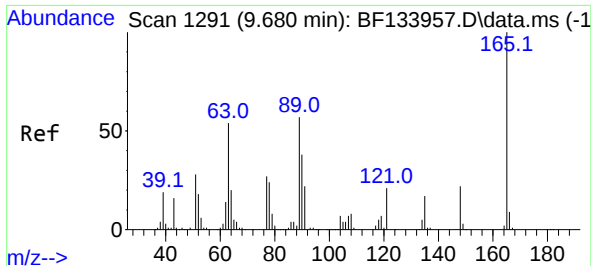
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#50
Dimethylphthalate
Concen: 40.618 ng
RT: 9.604 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

Tgt Ion:163 Resp: 407667
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 9.8 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 40.932 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

Instrument :

BNA_F

ClientSampleId :

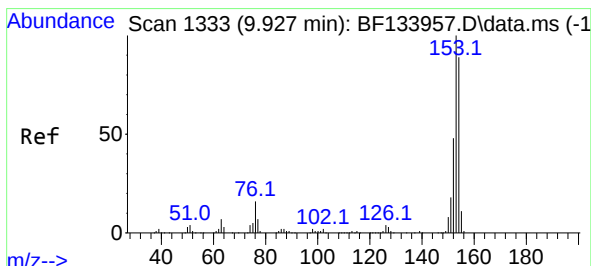
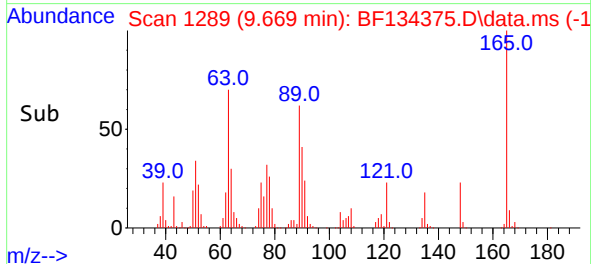
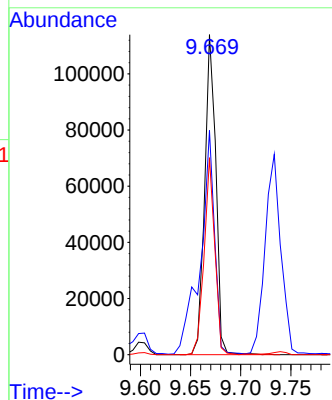
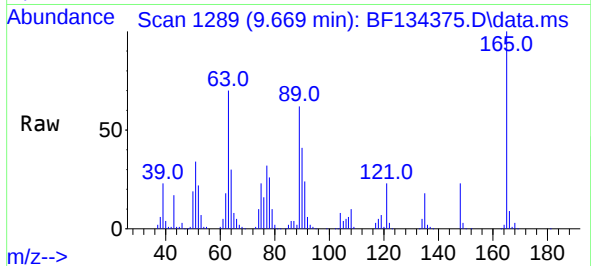
SSTDCCC040

Tgt Ion:165 Resp: 8848
Ion Ratio Lower Upper
165 100
63 70.0 48.5 72.7
89 61.5 45.5 68.3

Manual Integrations

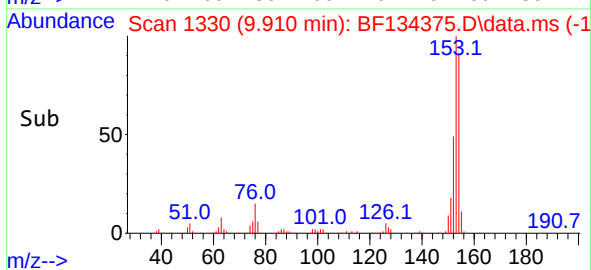
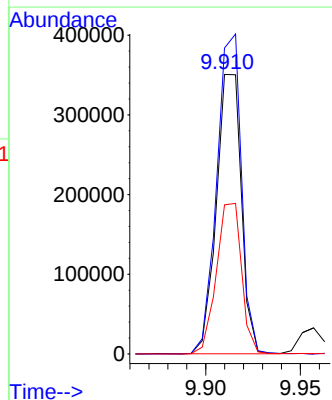
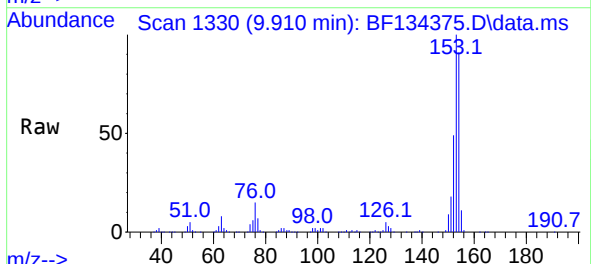
APPROVED

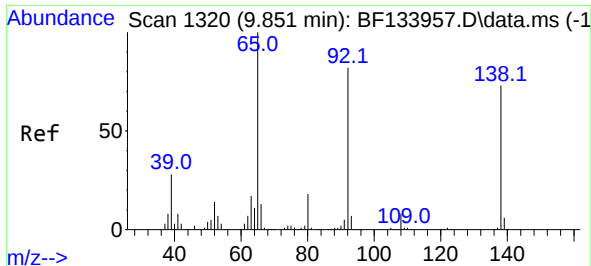
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#52
Acenaphthene
Concen: 40.061 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

Tgt Ion:154 Resp: 322241
Ion Ratio Lower Upper
154 100
153 109.5 89.4 134.2
152 53.4 42.8 64.2





#53
3-Nitroaniline
Concen: 37.702 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

Instrument :

BNA_F

ClientSampleId :

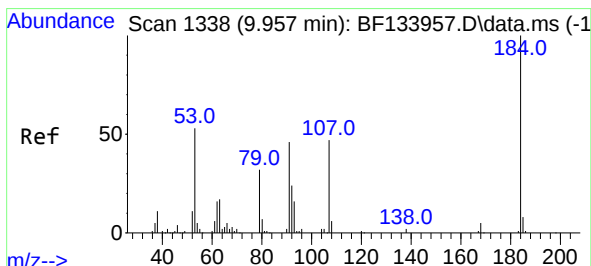
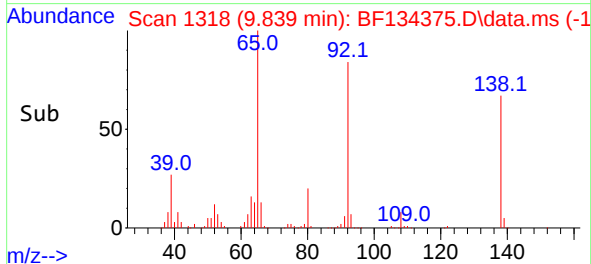
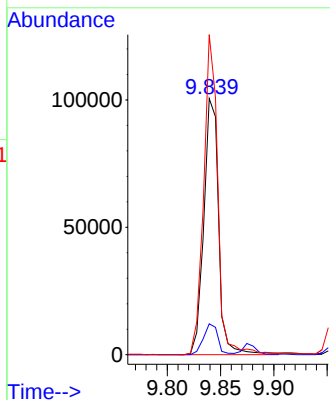
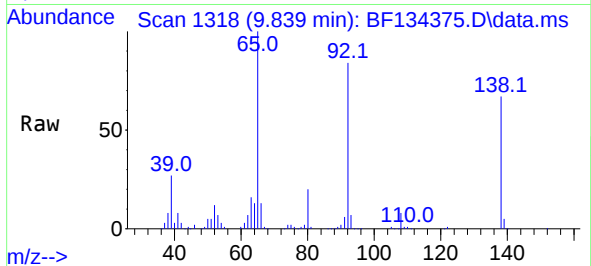
SSTDCCC040

Tgt Ion:138 Resp: 97775
Ion Ratio Lower Upper
138 100
108 12.0 8.4 12.6
92 124.9 90.1 135.1

Manual Integrations

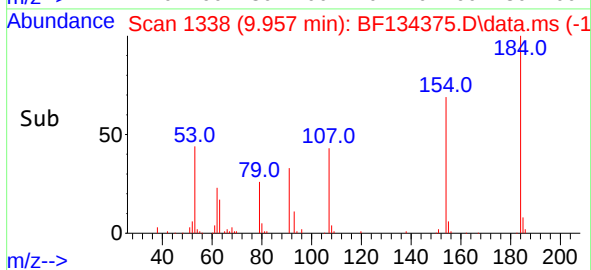
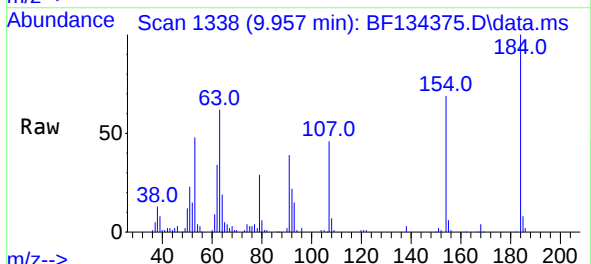
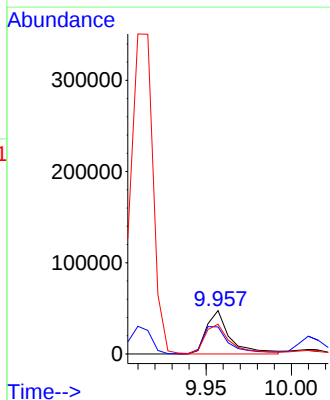
APPROVED

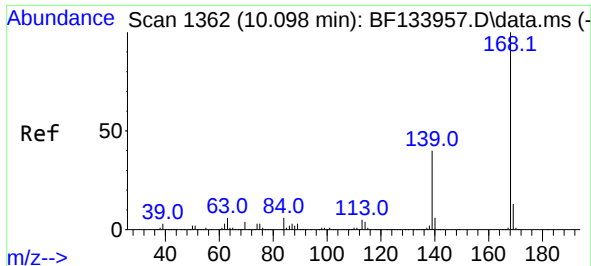
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#54
2,4-Dinitrophenol
Concen: 38.749 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

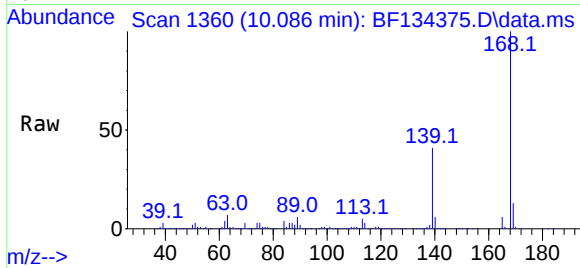
Tgt Ion:184 Resp: 45762
Ion Ratio Lower Upper
184 100
63 62.3 56.9 85.3
154 68.7 55.4 83.0





#55
Dibenzenofuran
Concen: 39.523 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

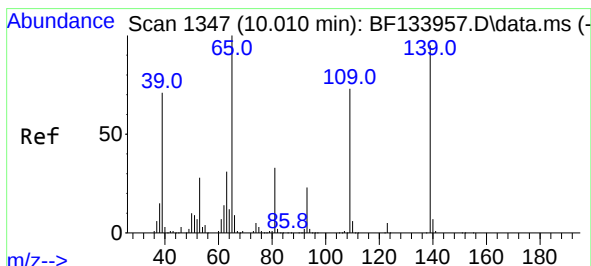
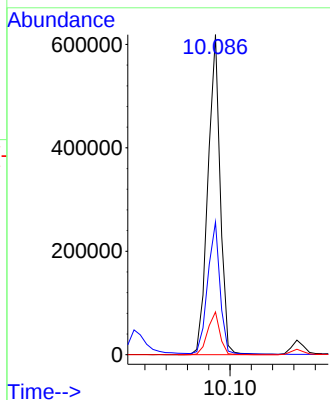
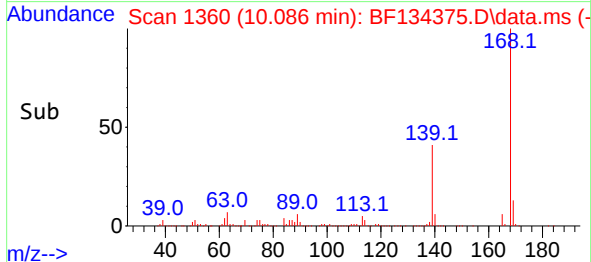
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



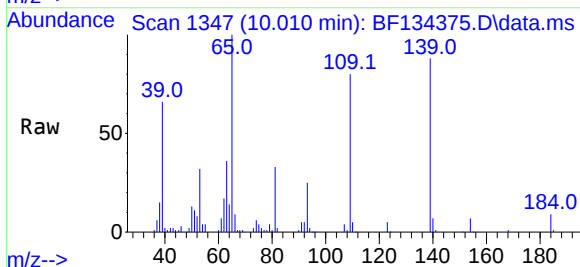
Tgt Ion:168 Resp: 49684
Ion Ratio Lower Upper
168 100
139 41.4 32.0 48.0
169 13.4 10.6 16.0

Manual Integrations
APPROVED

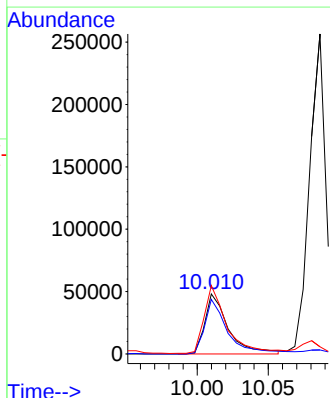
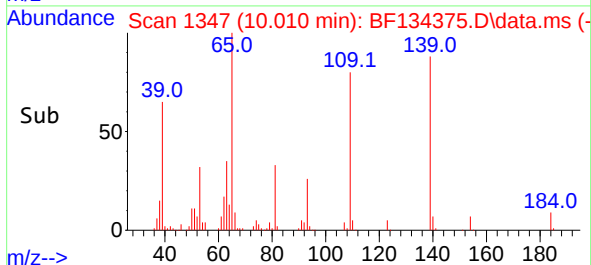
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

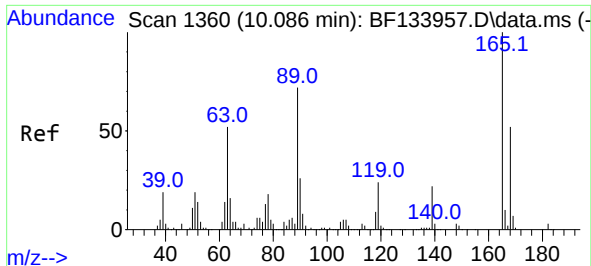


#56
4-Nitrophenol
Concen: 30.402 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29



Tgt Ion:139 Resp: 55150
Ion Ratio Lower Upper
139 100
109 90.9 56.8 96.8
65 113.9 86.1 126.1





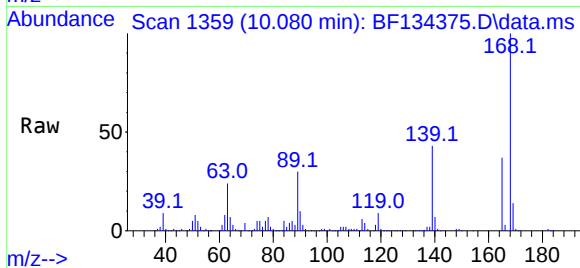
#57
2,4-Dinitrotoluene
Concen: 41.140 ng
RT: 10.080 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

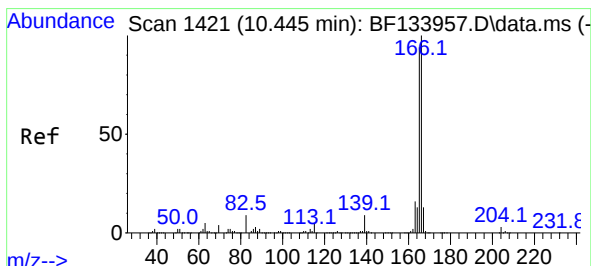
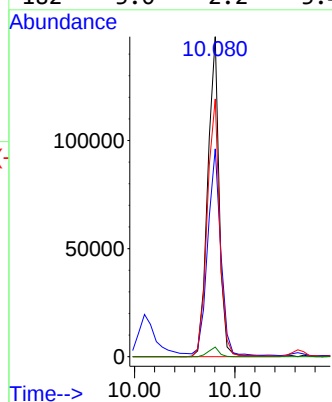
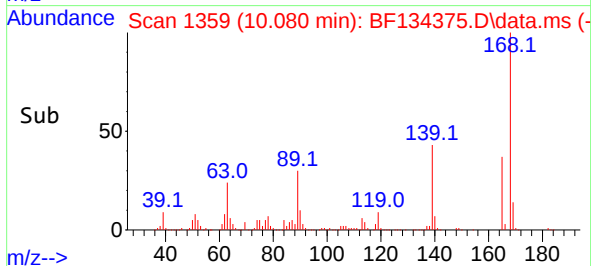


Tgt Ion:165 Resp: 117450
Ion Ratio Lower Upper
165 100
63 64.9 42.2 63.2
89 80.5 57.4 86.2
182 3.0 2.2 3.4

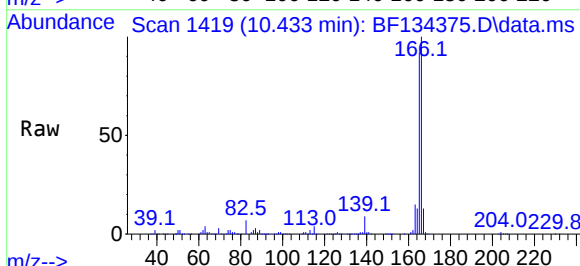
Manual Integrations

APPROVED

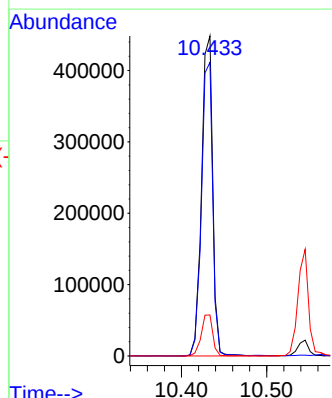
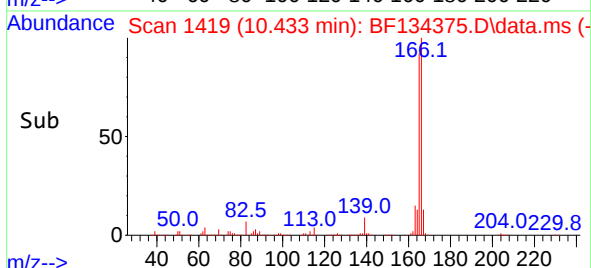
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

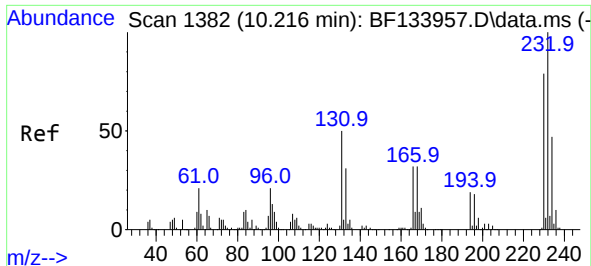


#58
Fluorene
Concen: 41.680 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29



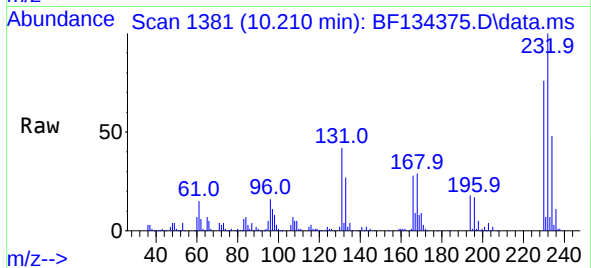
Tgt Ion:166 Resp: 407637
Ion Ratio Lower Upper
166 100
165 91.8 75.0 112.4
167 12.8 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.385 ng
RT: 10.210 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

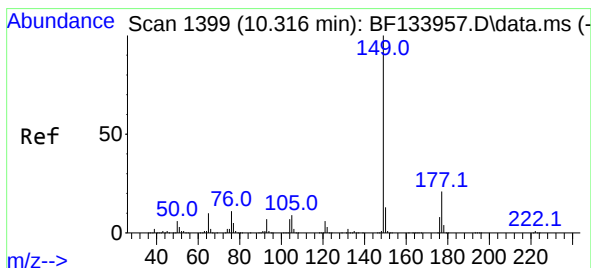
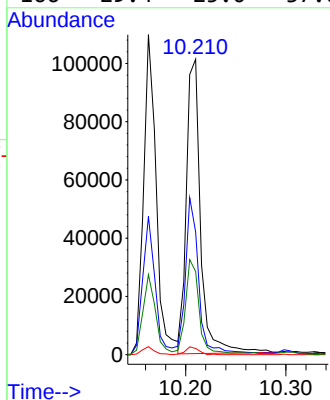
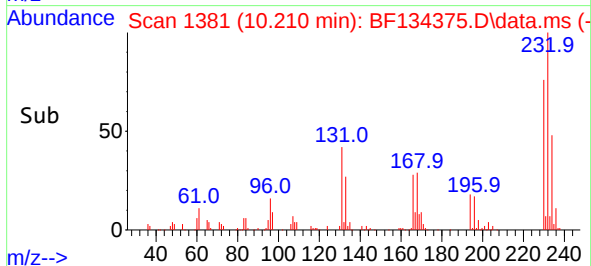
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:232 Resp: 99314
Ion Ratio Lower Upper
232 100
131 48.7 39.3 58.9
130 2.4 1.8 2.6
166 29.4 25.0 37.6

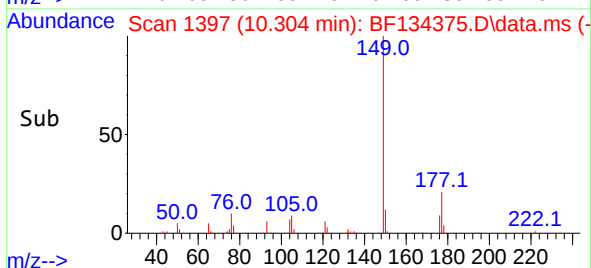
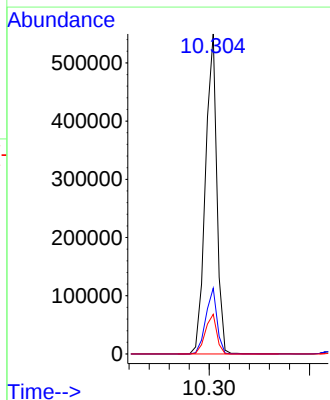
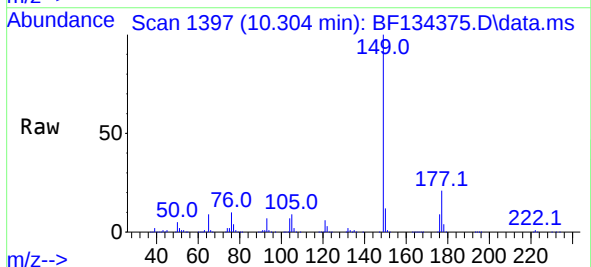
Manual Integrations
APPROVED

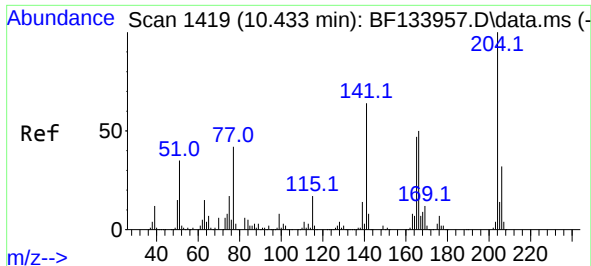
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#60
Diethylphthalate
Concen: 41.594 ng
RT: 10.304 min Scan# 1397
Delta R.T. 0.000 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

Tgt Ion:149 Resp: 434939
Ion Ratio Lower Upper
149 100
177 20.6 17.0 25.6
150 12.4 10.2 15.2





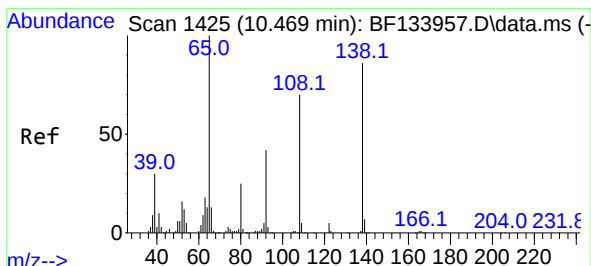
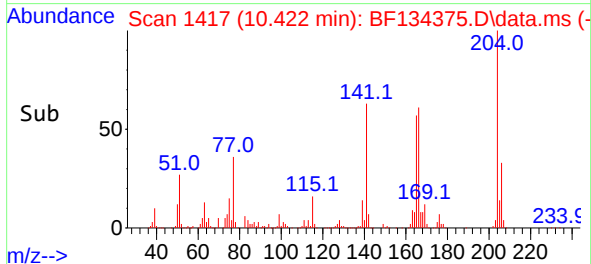
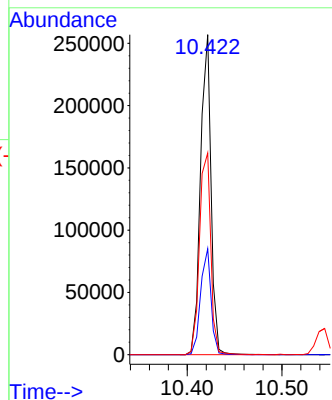
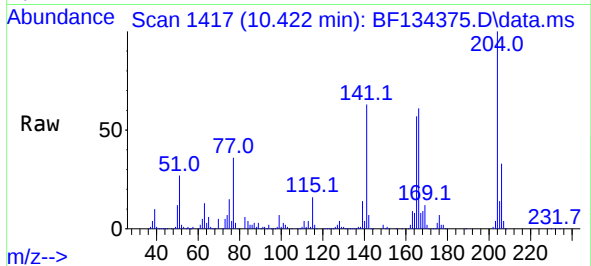
#61
4-Chlorophenyl-phenylether
Concen: 42.029 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 19809
Ion Ratio Lower Upper
204 100
206 33.1 25.8 38.6
141 63.0 51.5 77.3

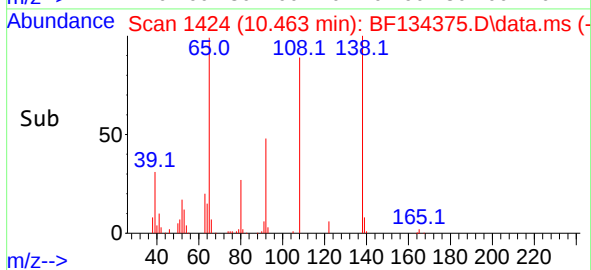
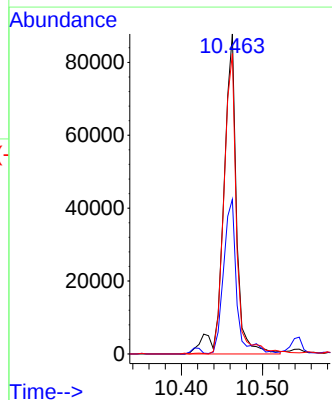
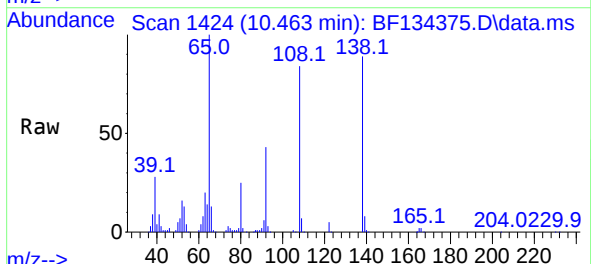
Manual Integrations
APPROVED

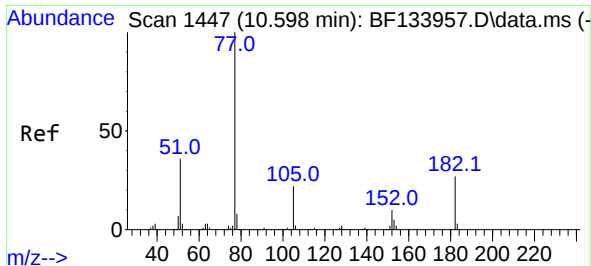
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#62
4-Nitroaniline
Concen: 37.020 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

Tgt Ion:138 Resp: 96754
Ion Ratio Lower Upper
138 100
92 48.3 29.7 69.7
108 93.8 62.1 102.1





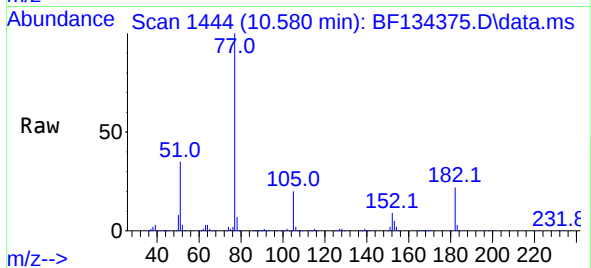
#63
Azobenzene
Concen: 39.037 ng
RT: 10.580 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

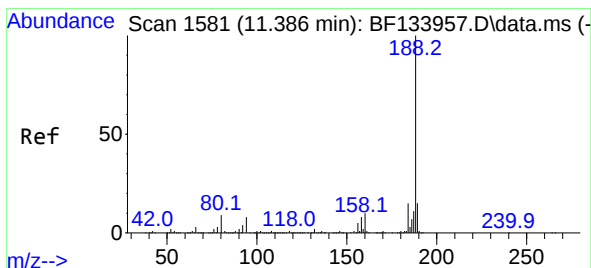
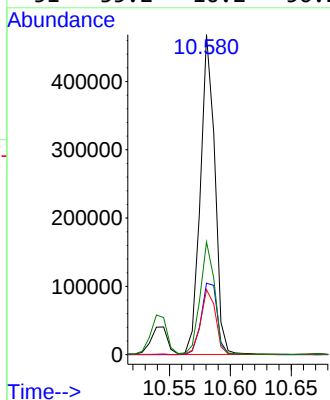
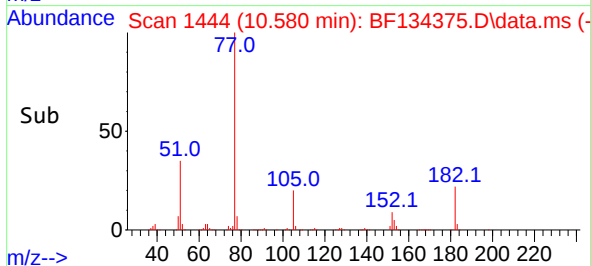


Tgt Ion: 77 Resp: 386120
Ion Ratio Lower Upper
77 100
182 22.4 6.8 46.8
105 20.3 2.3 42.3
51 35.2 16.2 56.2

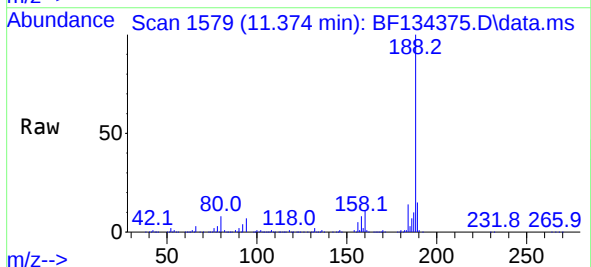
Manual Integrations

APPROVED

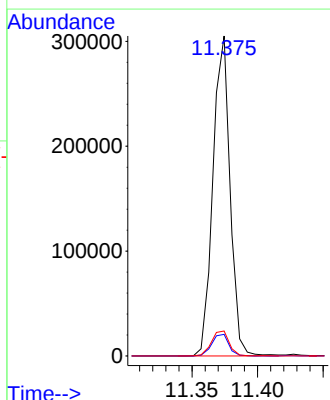
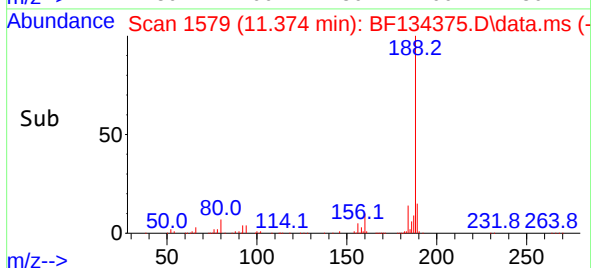
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

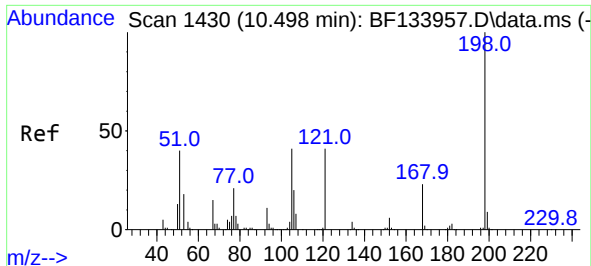


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29



Tgt Ion:188 Resp: 276725
Ion Ratio Lower Upper
188 100
94 6.7 6.4 9.6
80 7.8 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 44.303 ng
RT: 10.492 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

Instrument :

BNA_F

ClientSampleId :

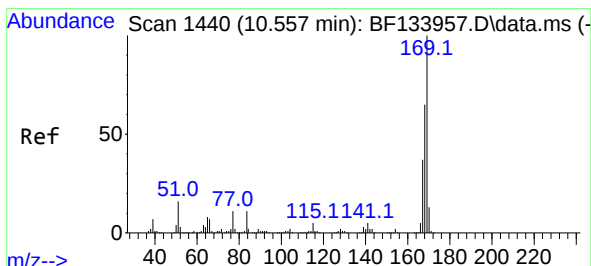
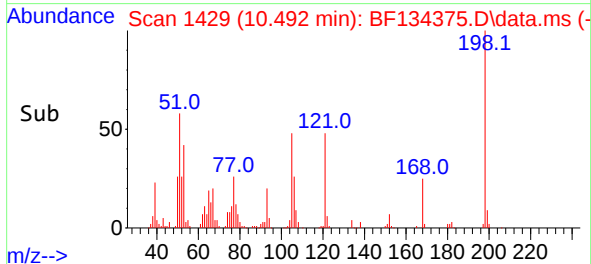
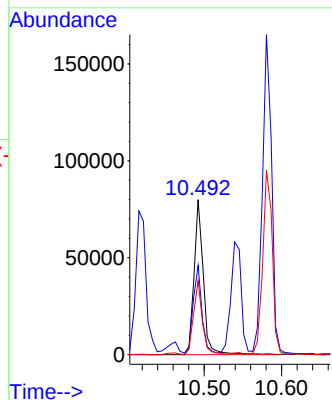
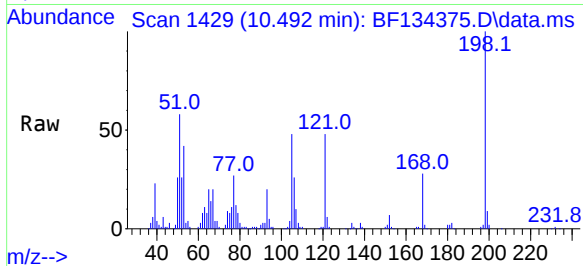
SSTDCCC040

Tgt Ion:198 Resp: 66840
Ion Ratio Lower Upper
198 100
51 57.6 29.3 69.3
105 47.8 22.4 62.4

Manual Integrations

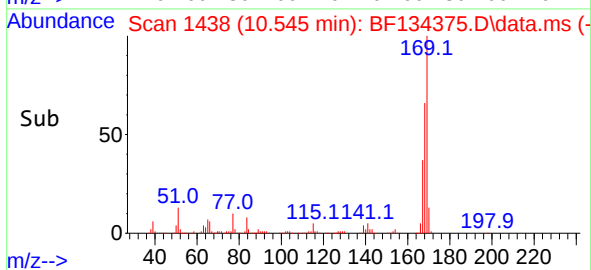
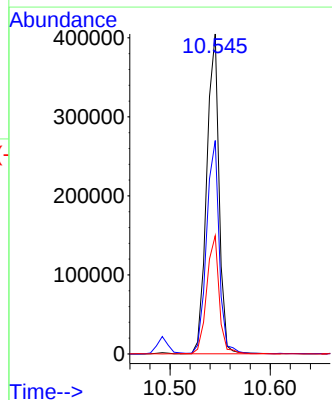
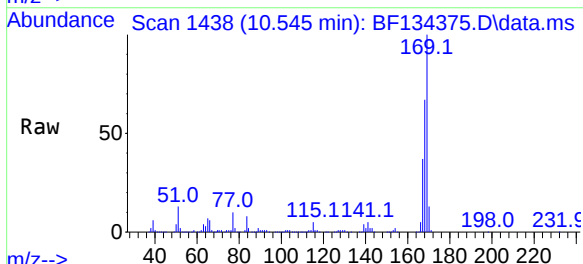
APPROVED

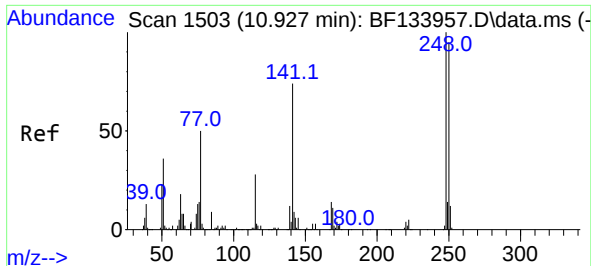
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#66
n-Nitrosodiphenylamine
Concen: 39.499 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

Tgt Ion:169 Resp: 349226
Ion Ratio Lower Upper
169 100
168 66.7 52.3 78.5
167 36.9 29.4 44.0





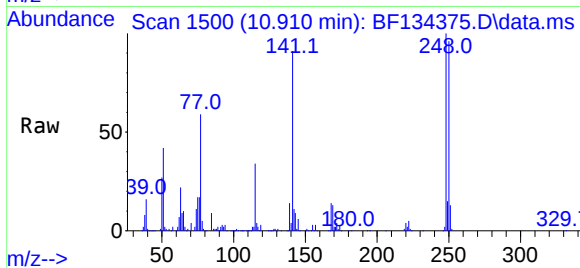
#67
4-Bromophenyl-phenylether
Concen: 42.379 ng
RT: 10.910 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

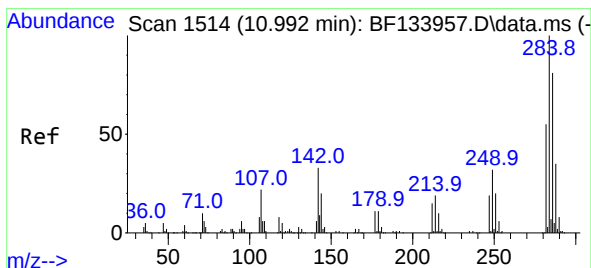
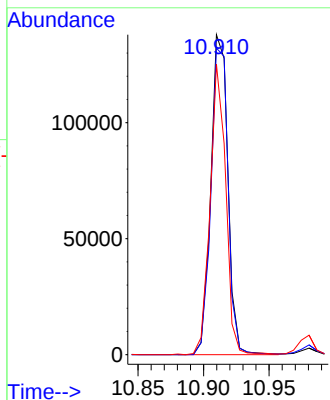
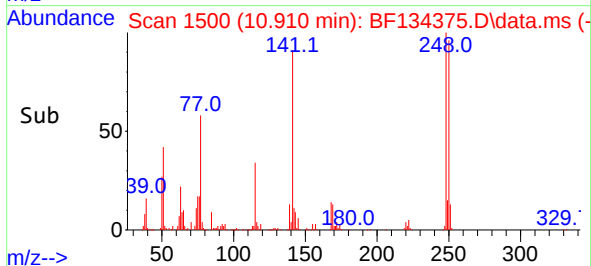


Tgt Ion:248 Resp: 12464
Ion Ratio Lower Upper
248 100
250 95.8 76.2 114.4
141 90.8 59.0 88.4

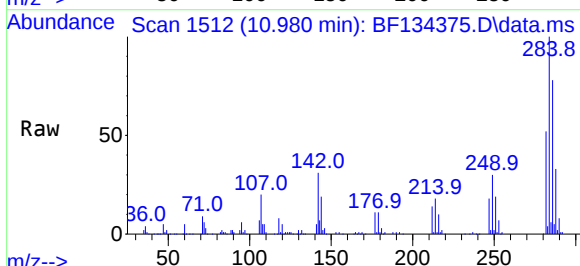
Manual Integrations

APPROVED

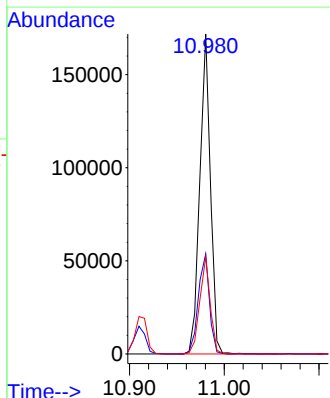
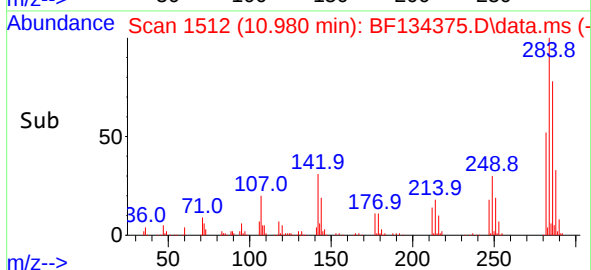
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

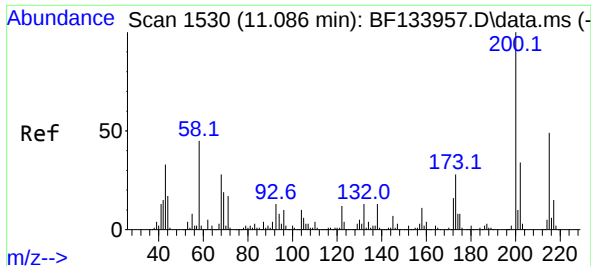


#68
Hexachlorobenzene
Concen: 42.895 ng
RT: 10.980 min Scan# 1512
Delta R.T. -0.006 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29



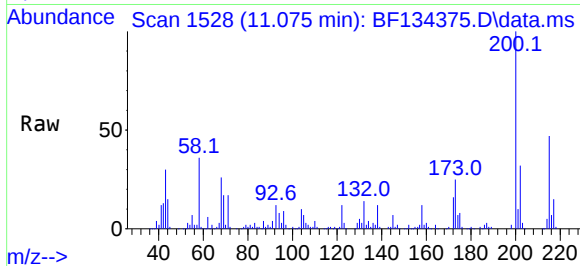
Tgt Ion:284 Resp: 133958
Ion Ratio Lower Upper
284 100
142 31.3 26.6 40.0
249 30.4 25.5 38.3





#69
Atrazine
Concen: 40.865 ng
RT: 11.075 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

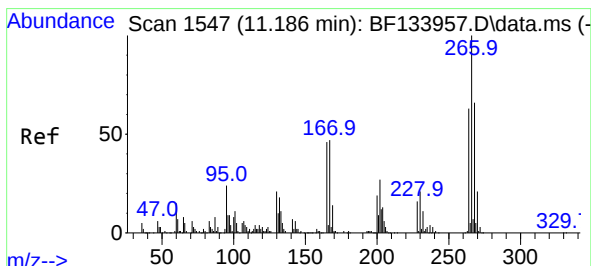
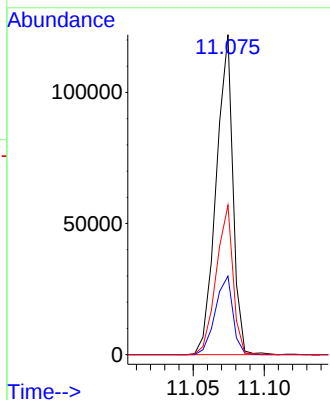
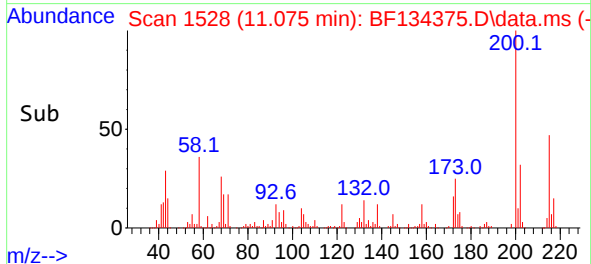
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



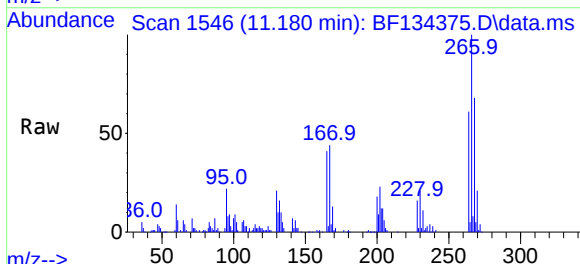
Tgt Ion:200 Resp: 9994
Ion Ratio Lower Upper
200 100
173 24.6 8.0 48.0
215 46.7 29.3 69.3

Manual Integrations
APPROVED

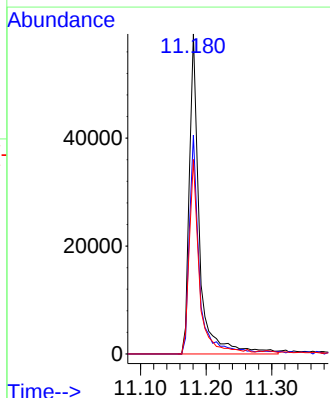
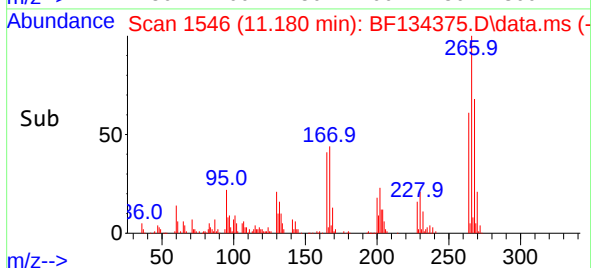
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

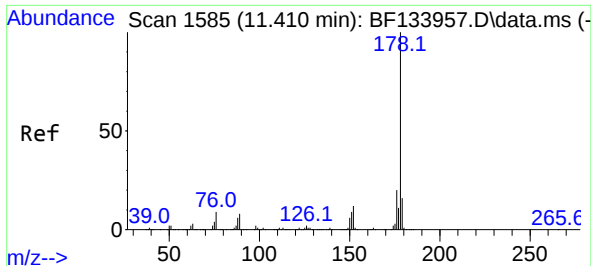


#70
Pentachlorophenol
Concen: 34.196 ng
RT: 11.180 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29



Tgt Ion:266 Resp: 63853
Ion Ratio Lower Upper
266 100
268 68.4 52.6 79.0
264 60.8 50.6 76.0





#71
Phenanthrene
Concen: 40.217 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

Instrument :

BNA_F

ClientSampleId :

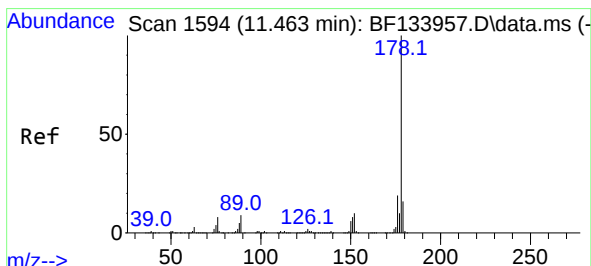
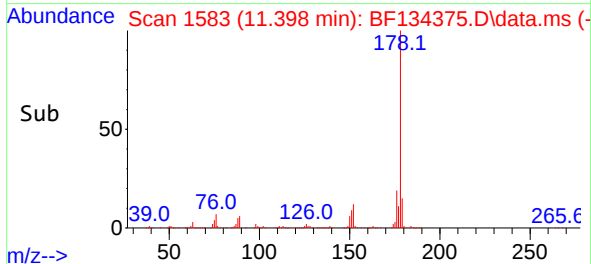
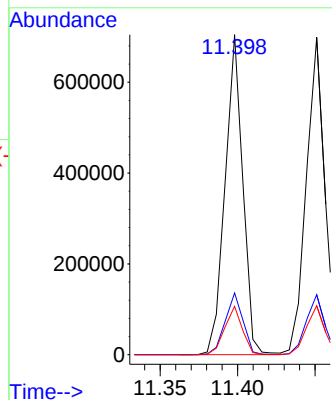
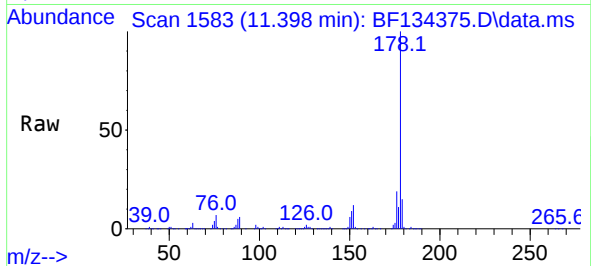
SSTDCCC040

Tgt Ion:178 Resp: 56026
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 15.1 12.4 18.6

Manual Integrations

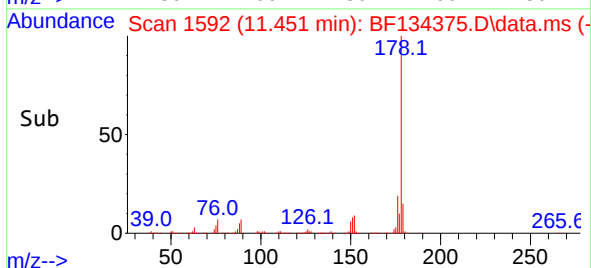
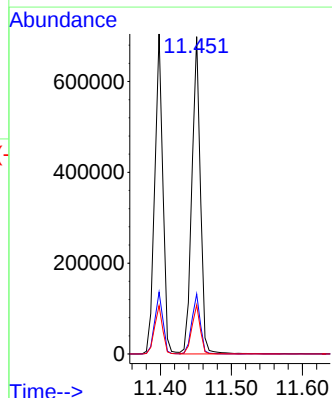
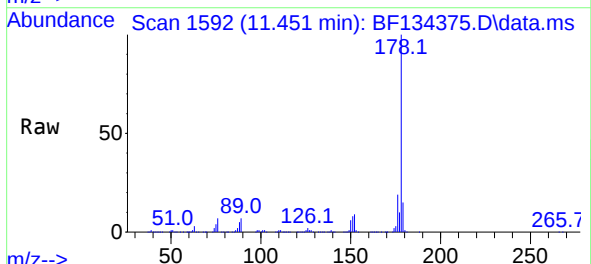
APPROVED

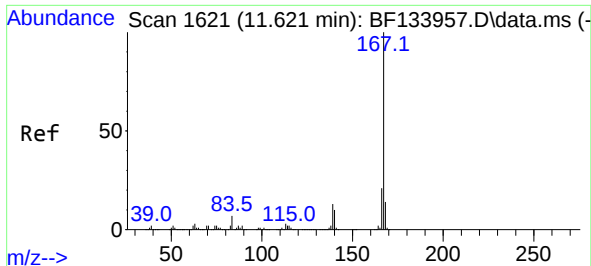
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#72
Anthracene
Concen: 40.094 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

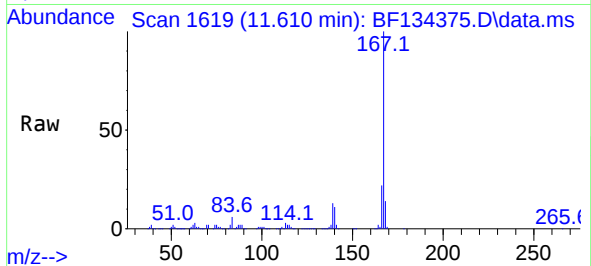
Tgt Ion:178 Resp: 580952
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.4 12.4 18.6





#73
Carbazole
Concen: 39.544 ng
RT: 11.610 min Scan# 1621
Delta R.T. -0.006 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

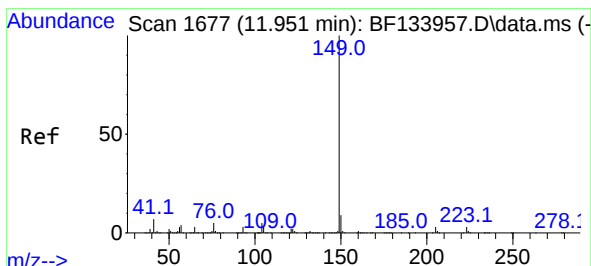
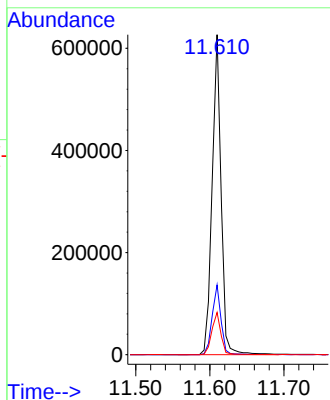
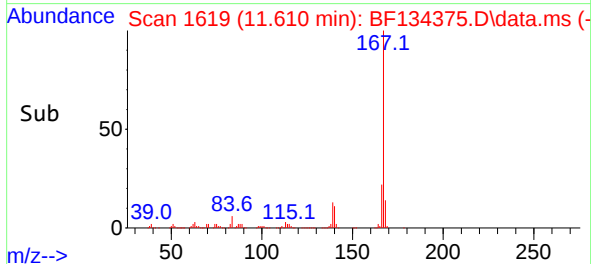
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



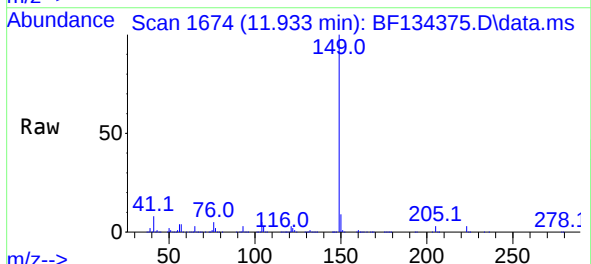
Tgt Ion:167 Resp: 524448
Ion Ratio Lower Upper
167 100
166 21.8 17.0 25.6
139 13.2 10.4 15.6

Manual Integrations
APPROVED

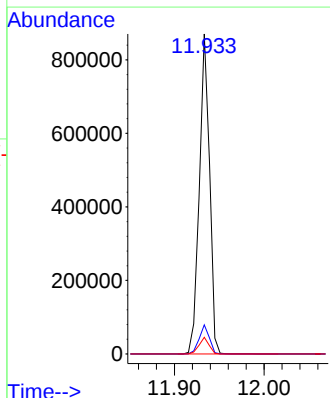
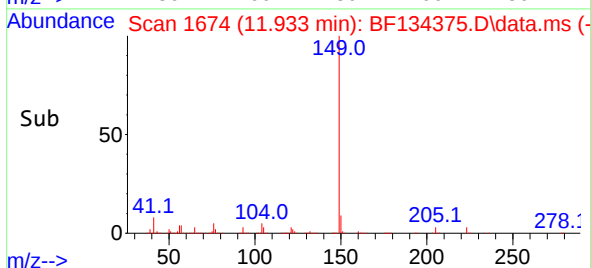
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

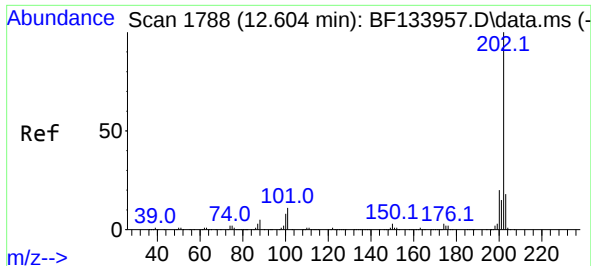


#74
Di-n-butylphthalate
Concen: 43.545 ng
RT: 11.933 min Scan# 1674
Delta R.T. -0.006 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29



Tgt Ion:149 Resp: 686768
Ion Ratio Lower Upper
149 100
150 9.1 7.1 10.7
104 5.2 4.0 6.0





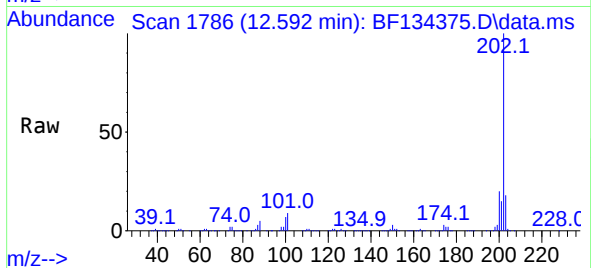
#75
Fluoranthene
Concen: 42.247 ng
RT: 12.592 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



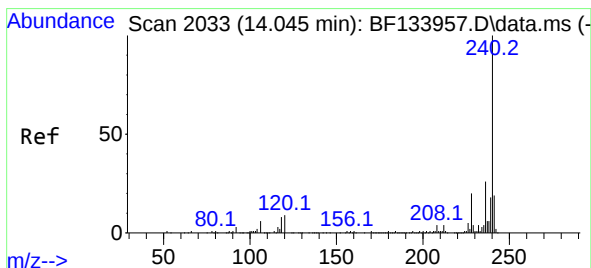
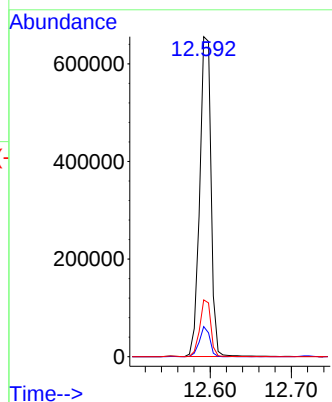
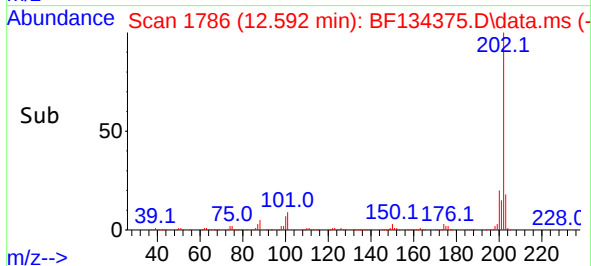
Tgt Ion:202 Resp: 636260
Ion Ratio Lower Upper
202 100
101 9.4 0.0 31.0
203 17.8 0.0 37.6

Manual Integrations

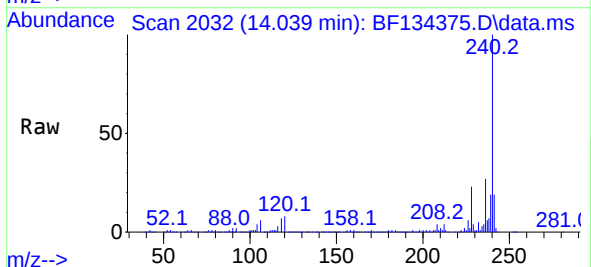
APPROVED

Reviewed By :Yogesh Patel 07/21/2023

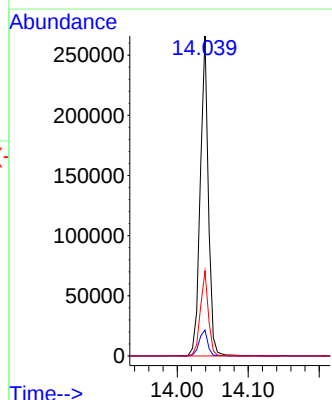
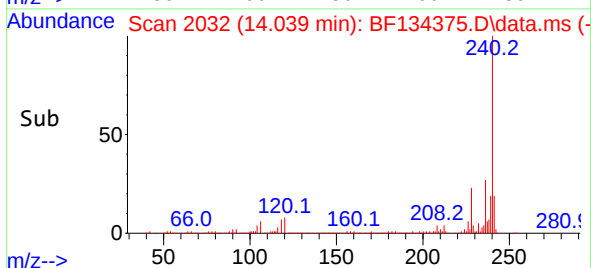
Supervised By :mohammad ahmed 07/21/2023

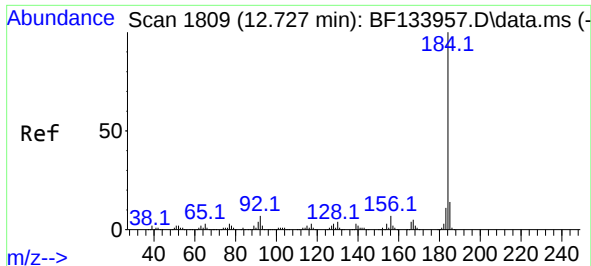


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29



Tgt Ion:240 Resp: 211386
Ion Ratio Lower Upper
240 100
120 8.1 7.4 11.0
236 26.5 21.0 31.6





#77
Benzidine
Concen: 38.758 ng
RT: 12.721 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

Instrument :

BNA_F

ClientSampleId :

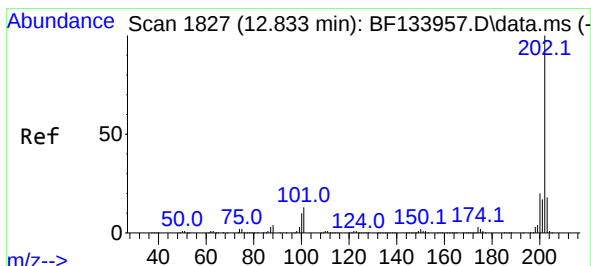
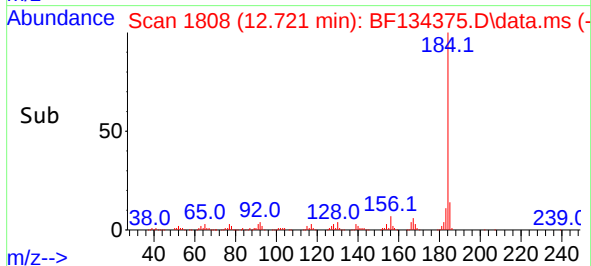
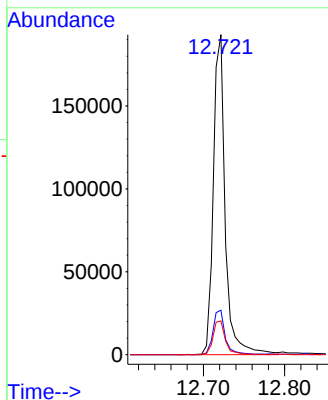
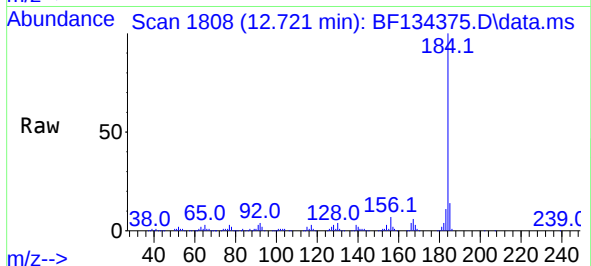
SSTDCCC040

Tgt Ion:184 Resp: 194944
Ion Ratio Lower Upper
184 100
185 13.9 11.6 17.4
183 10.5 8.8 13.2

Manual Integrations

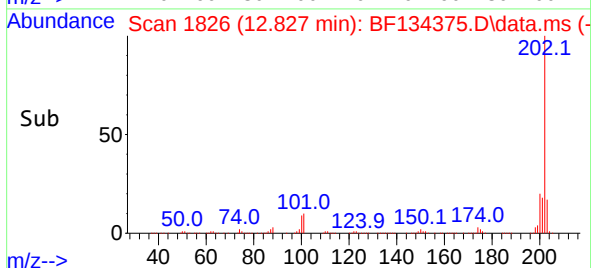
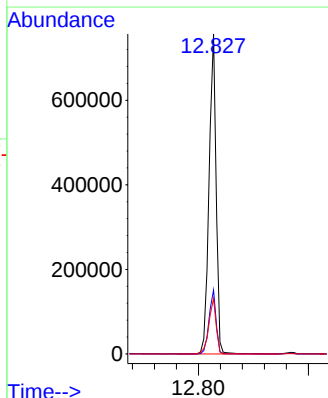
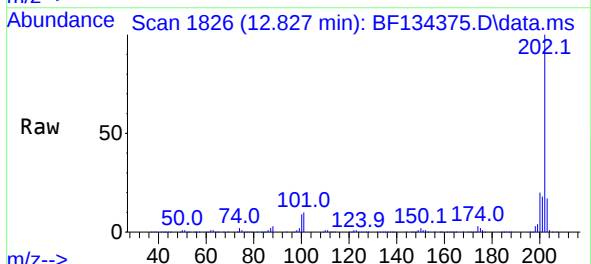
APPROVED

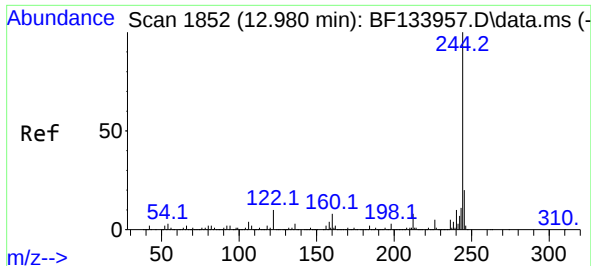
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#78
Pyrene
Concen: 34.036 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

Tgt Ion:202 Resp: 669570
Ion Ratio Lower Upper
202 100
200 20.0 16.1 24.1
203 17.3 14.3 21.5





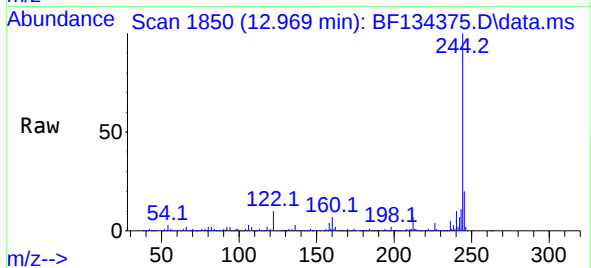
#79
 Terphenyl-d14
 Concen: 73.767 ng
 RT: 12.969 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF134375.D
 Acq: 20 Jul 2023 11:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

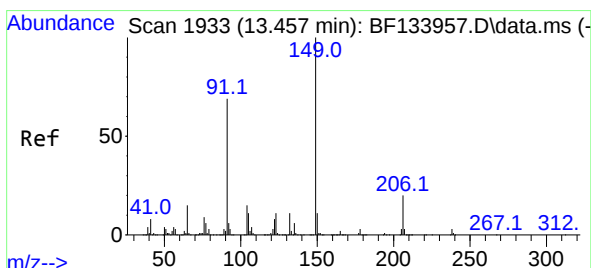
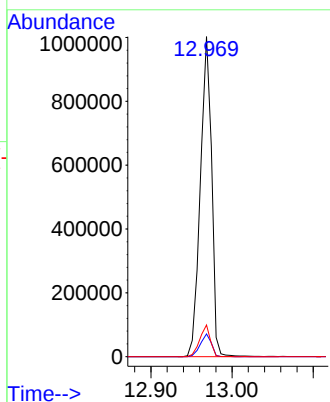
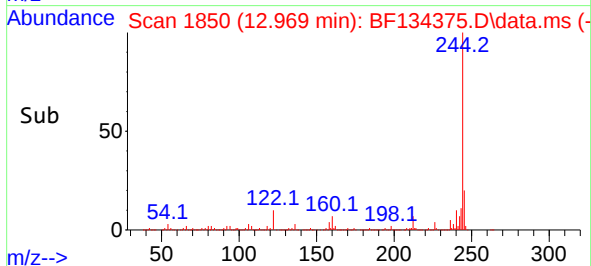


Tgt Ion:244 Resp: 968874
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 9.9 8.3 12.5

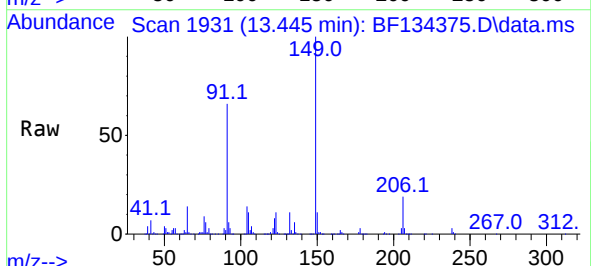
Manual Integrations

APPROVED

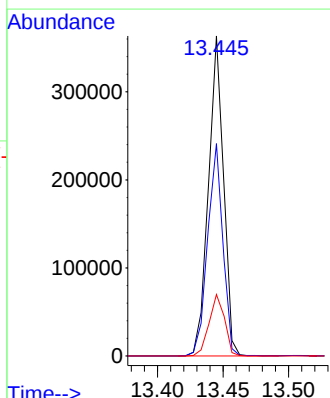
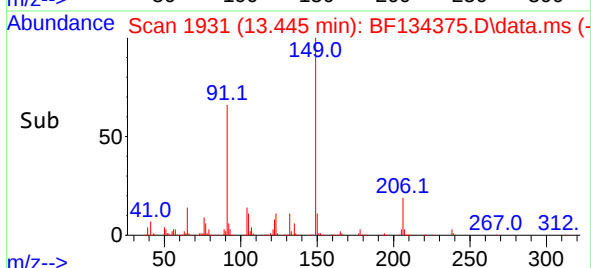
Reviewed By :Yogesh Patel 07/21/2023
 Supervised By :mohammad ahmed 07/21/2023

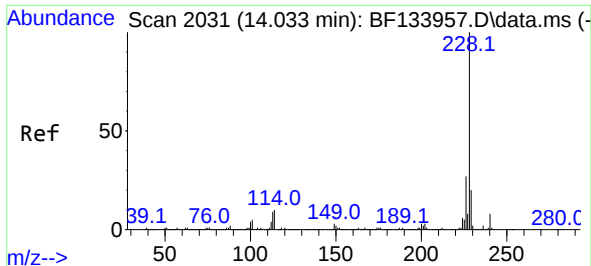


#80
 Butylbenzylphthalate
 Concen: 39.600 ng
 RT: 13.445 min Scan# 1931
 Delta R.T. -0.006 min
 Lab File: BF134375.D
 Acq: 20 Jul 2023 11:29



Tgt Ion:149 Resp: 292169
 Ion Ratio Lower Upper
 149 100
 91 66.4 55.1 82.7
 206 19.2 15.7 23.5





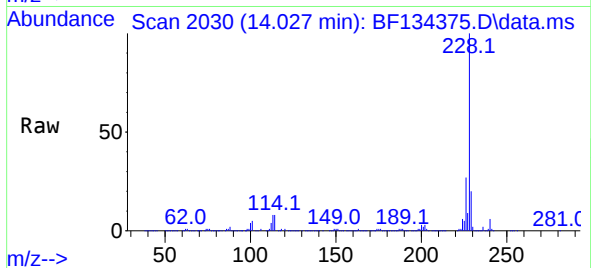
#81
Benzo(a)anthracene
Concen: 39.816 ng
RT: 14.027 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

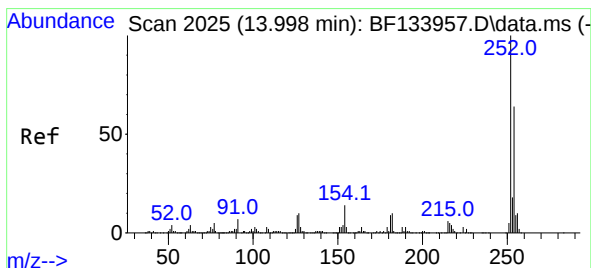
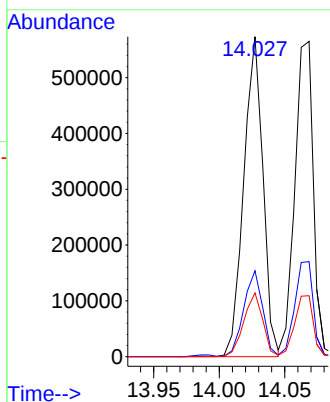
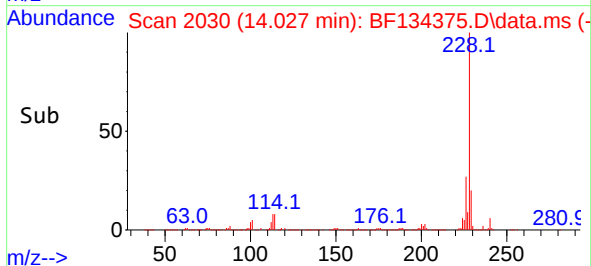


Tgt Ion:228 Resp: 58369
Ion Ratio Lower Upper
228 100
226 26.9 22.0 33.0
229 19.9 16.3 24.5

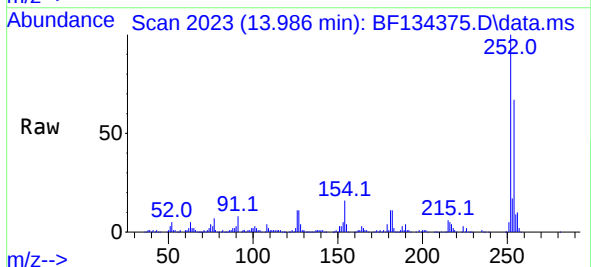
Manual Integrations

APPROVED

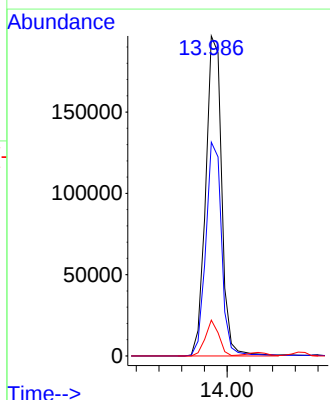
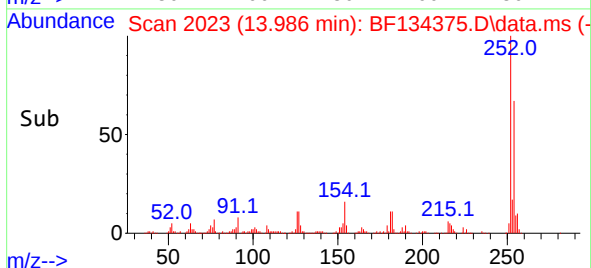
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

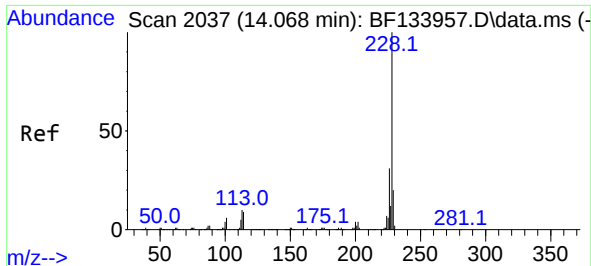


#82
3,3'-Dichlorobenzidine
Concen: 41.296 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29



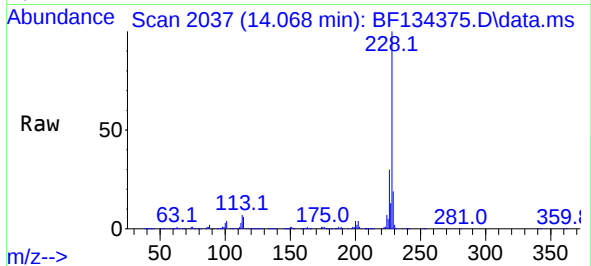
Tgt Ion:252 Resp: 191805
Ion Ratio Lower Upper
252 100
254 66.8 51.4 77.0
126 11.2 7.4 11.2#





#83
Chrysene
Concen: 39.433 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

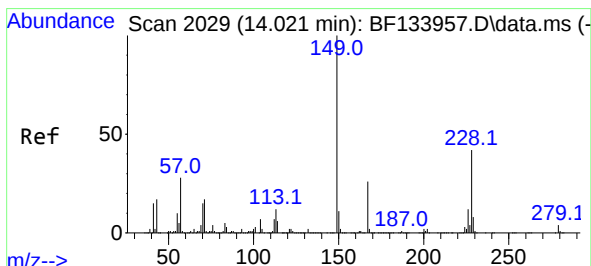
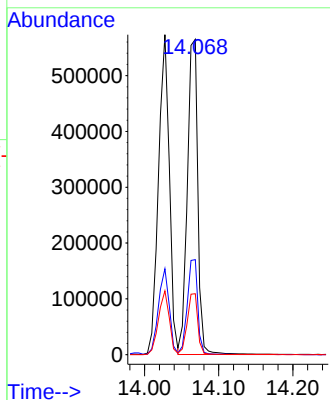
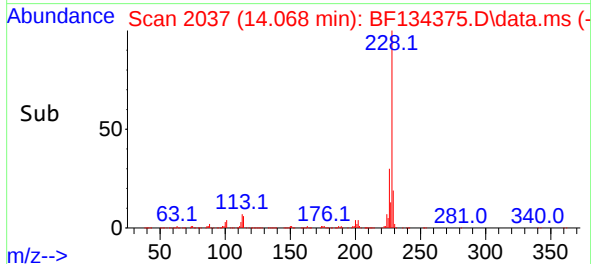
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



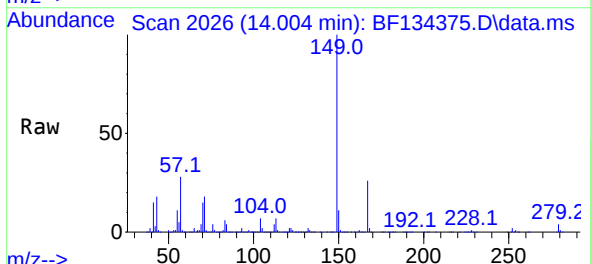
Tgt Ion:228 Resp: 559909
Ion Ratio Lower Upper
228 100
226 30.2 24.4 36.6
229 19.3 16.1 24.1

Manual Integrations
APPROVED

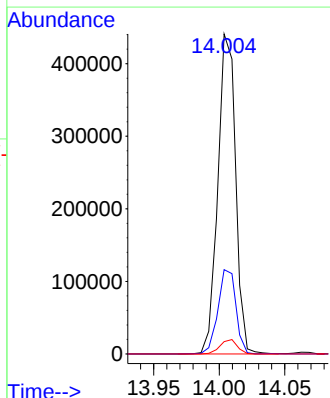
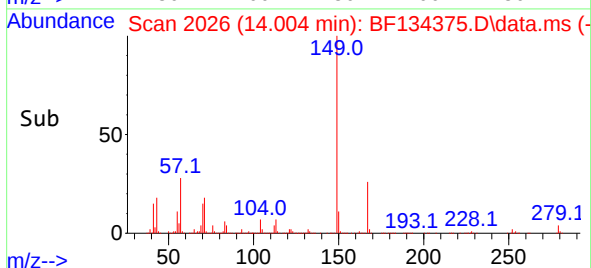
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

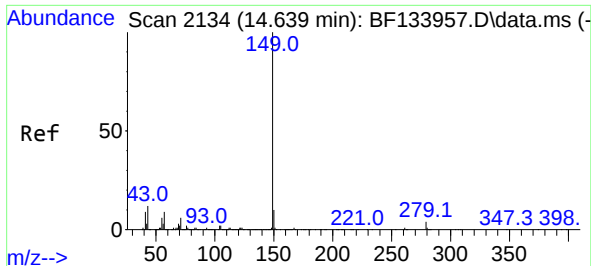


#84
Bis(2-ethylhexyl)phthalate
Concen: 48.892 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.012 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29



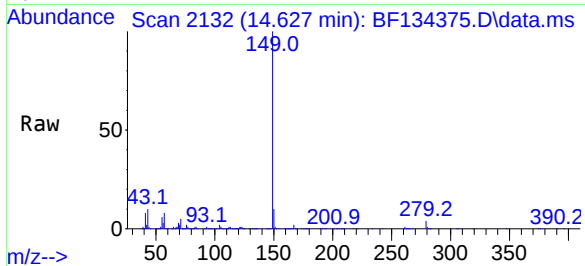
Tgt Ion:149 Resp: 414494
Ion Ratio Lower Upper
149 100
167 26.3 21.0 31.4
279 3.8 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 53.117 ng
RT: 14.627 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

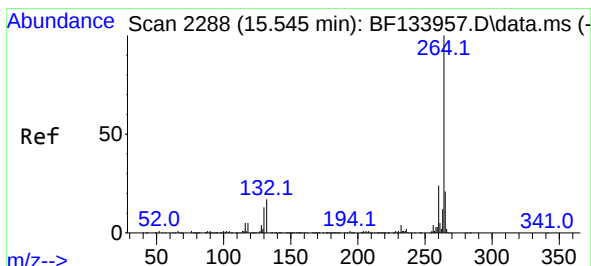
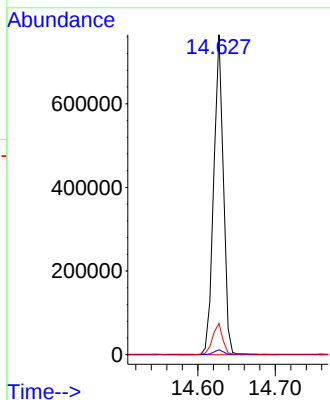
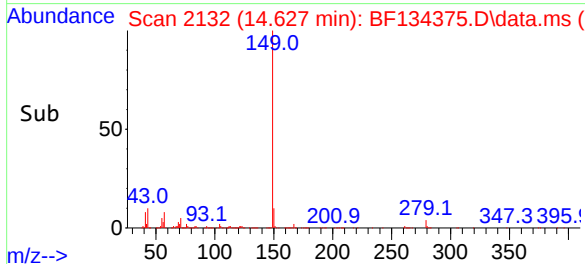
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



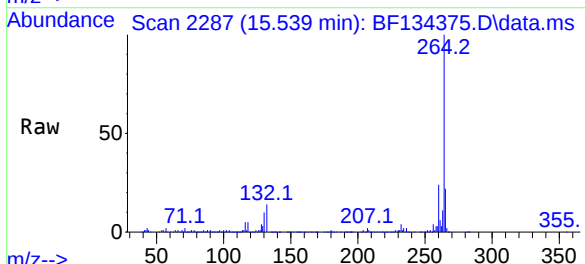
Tgt Ion:149 Resp: 661678
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.1 9.0 13.4

Manual Integrations
APPROVED

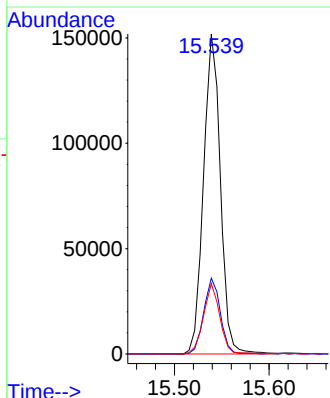
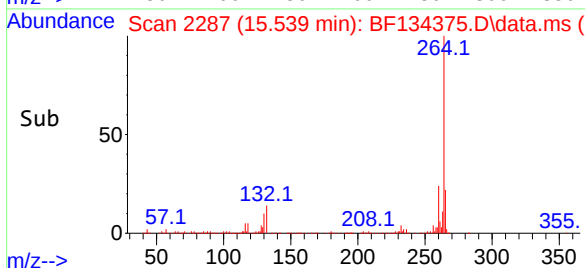
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

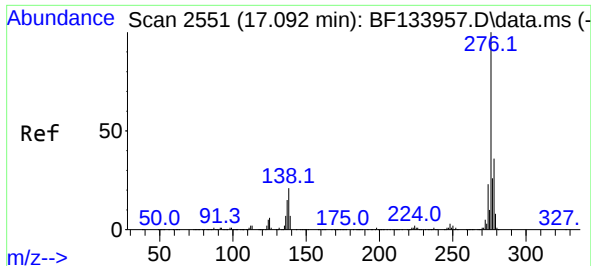


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2287
Delta R.T. -0.006 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29



Tgt Ion:264 Resp: 187384
Ion Ratio Lower Upper
264 100
260 23.7 19.5 29.3
265 22.0 16.6 25.0





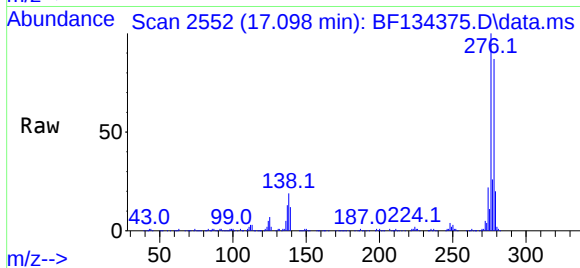
#87
Indeno(1,2,3-cd)pyrene
Concen: 32.462 ng
RT: 17.098 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



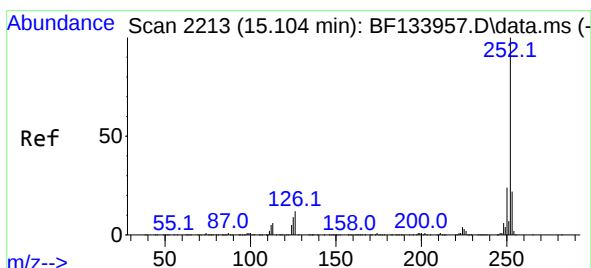
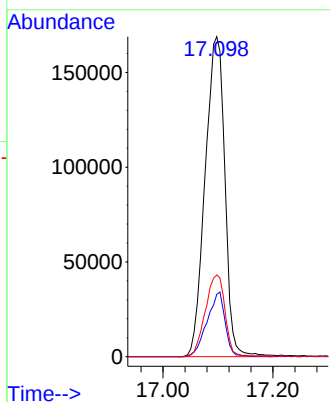
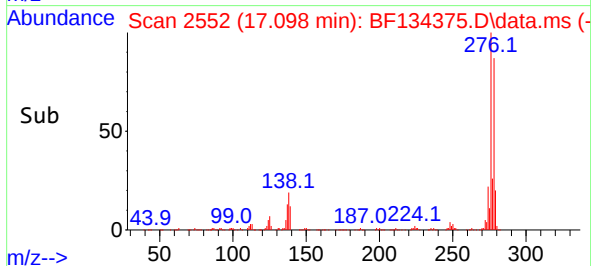
Tgt Ion:276 Resp: 422084
Ion Ratio Lower Upper
276 100
138 18.4 18.7 28.1
277 25.6 19.9 29.9

Manual Integrations

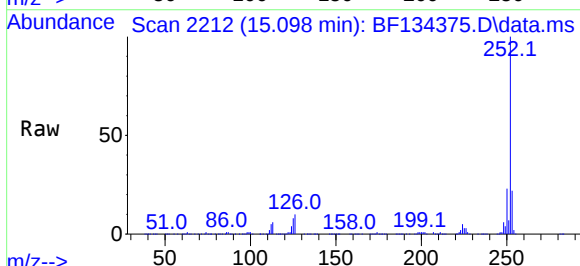
APPROVED

Reviewed By :Yogesh Patel 07/21/2023

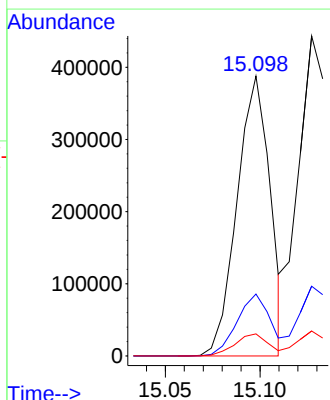
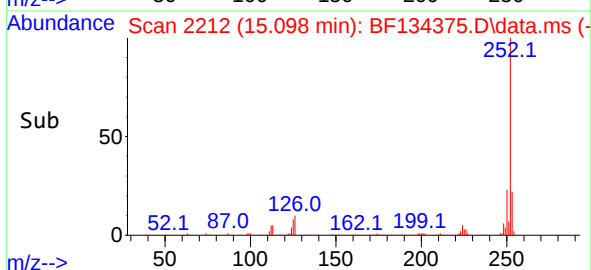
Supervised By :mohammad ahmed 07/21/2023

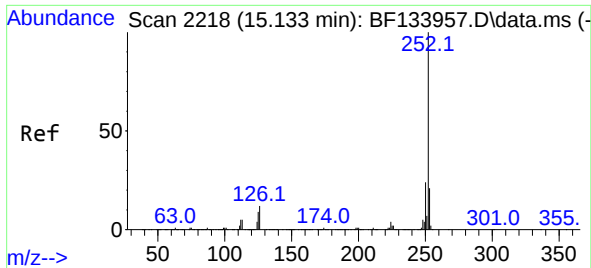


#88
Benzo(b)fluoranthene
Concen: 42.828 ng
RT: 15.098 min Scan# 2212
Delta R.T. -0.006 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29



Tgt Ion:252 Resp: 471893
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 7.9 7.1 10.7





#89
Benzo(k)fluoranthene
Concen: 43.569 ng
RT: 15.127 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

Instrument :

BNA_F

ClientSampleId :

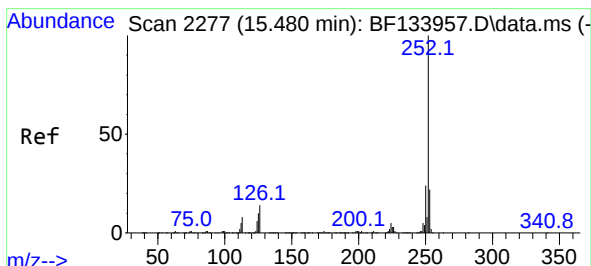
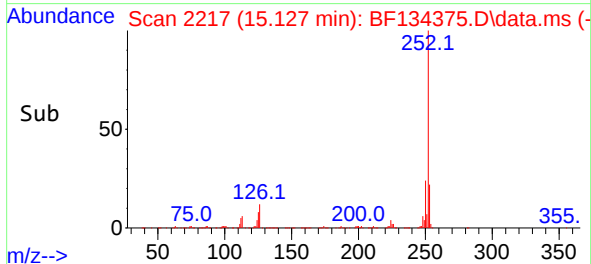
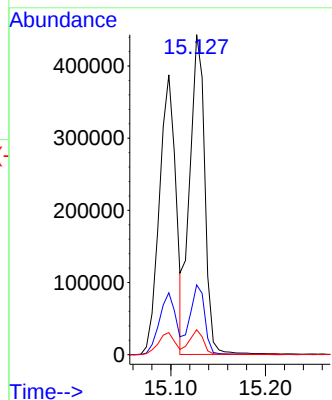
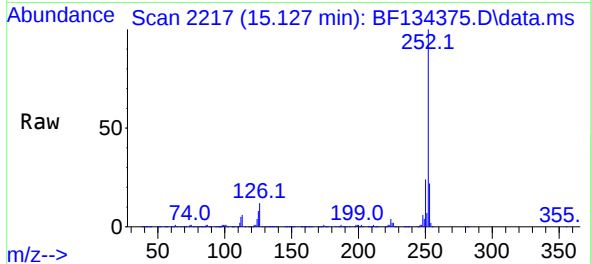
SSTDCCC040

Tgt Ion:252 Resp: 488778
Ion Ratio Lower Upper
252 100
253 21.8 16.9 25.3
125 7.8 7.4 11.2

Manual Integrations

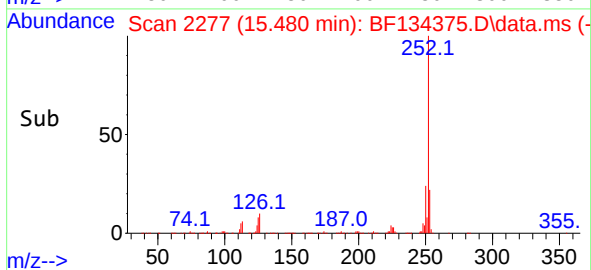
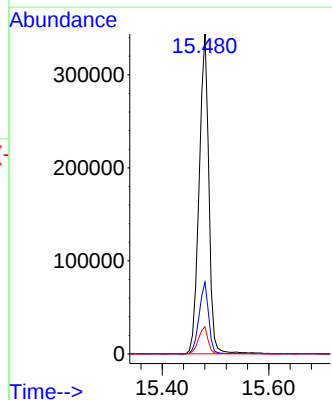
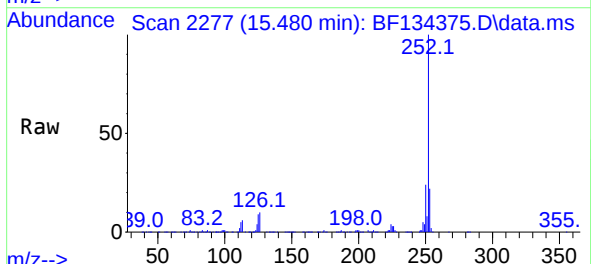
APPROVED

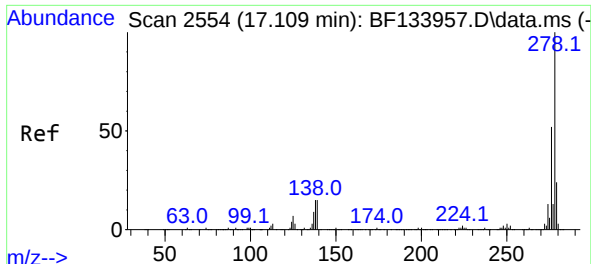
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#90
Benzo(a)pyrene
Concen: 40.872 ng
RT: 15.480 min Scan# 2277
Delta R.T. 0.000 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

Tgt Ion:252 Resp: 435473
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 8.5 8.4 12.6





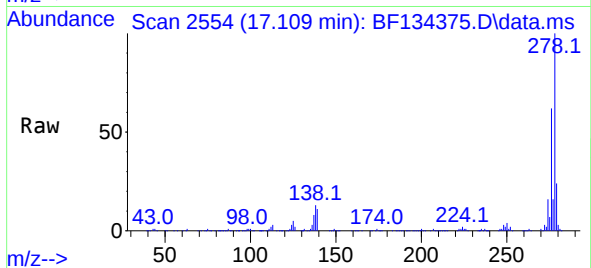
#91
Dibenzo(a,h)anthracene
Concen: 32.841 ng
RT: 17.109 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



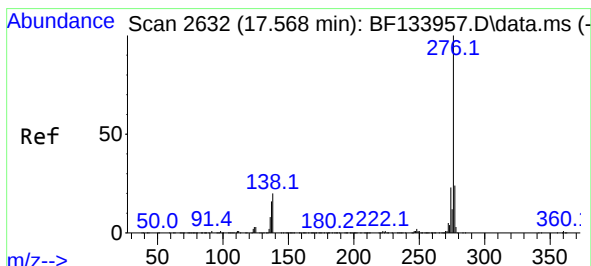
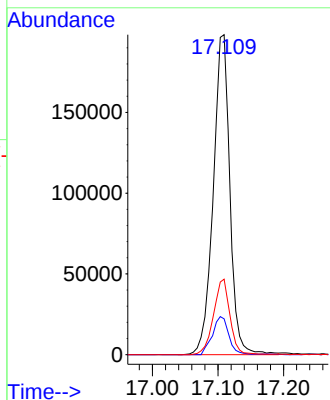
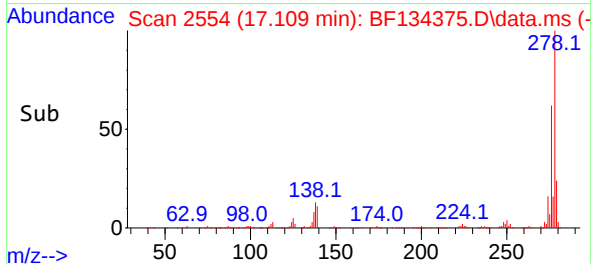
Tgt Ion:278 Resp: 348789
Ion Ratio Lower Upper
278 100
139 11.2 12.2 18.4
279 23.6 19.4 29.2

Manual Integrations

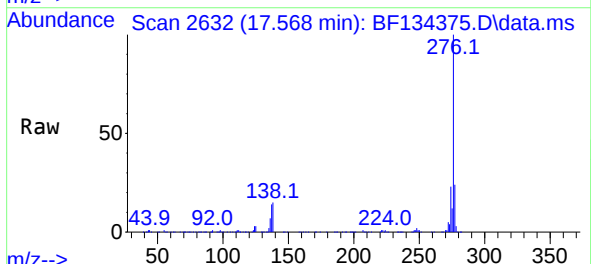
APPROVED

Reviewed By :Yogesh Patel 07/21/2023

Supervised By :mohammad ahmed 07/21/2023



#92
Benzo(g,h,i)perylene
Concen: 31.446 ng
RT: 17.568 min Scan# 2632
Delta R.T. 0.000 min
Lab File: BF134375.D
Acq: 20 Jul 2023 11:29



Tgt Ion:276 Resp: 344398
Ion Ratio Lower Upper
276 100
277 24.0 19.0 28.6
138 15.5 16.2 24.2#

