

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072223\
 Data File : BF134415.D
 Acq On : 22 Jul 2023 11:14
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

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

Quant Time: Jul 22 13:54:29 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	6.839	152	68012	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	246122	20.000	ng	# 0.00
39) Acenaphthene-d10	9.880	164	126403	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	249993	20.000	ng	0.00
76) Chrysene-d12	14.045	240	185439	20.000	ng	0.00
86) Perylene-d12	15.551	264	162272	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	325548	80.069	ng	0.00
7) Phenol-d6	6.486	99	397804	79.558	ng	0.00
23) Nitrobenzene-d5	7.410	82	383547	84.004	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	145770	91.978	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	743861	85.559	ng	0.00
79) Terphenyl-d14	12.974	244	859718	74.615	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.604	88	65804	39.252	ng	98
3) Pyridine	3.398	79	159152	36.446	ng	97
4) n-Nitrosodimethylamine	3.363	42	93390	37.446	ng	93
6) Aniline	6.510	93	232509	38.213	ng	# 84
8) 2-Chlorophenol	6.633	128	165344	40.061	ng	95
9) Benzaldehyde	6.398	77	112692	41.396	ng	97
10) Phenol	6.504	94	206550	39.288	ng	# 75
11) bis(2-Chloroethyl)ether	6.581	93	146507	37.852	ng	97
12) 1,3-Dichlorobenzene	6.781	146	179025	40.686	ng	100
13) 1,4-Dichlorobenzene	6.857	146	177019	39.830	ng	99
14) 1,2-Dichlorobenzene	7.010	146	169527	40.728	ng	99
15) Benzyl Alcohol	6.986	79	162148	42.065	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.116	45	213385	31.163	ng	83
17) 2-Methylphenol	7.098	107	144241	39.027	ng	95
18) Hexachloroethane	7.345	117	68652	41.659	ng	99
19) n-Nitroso-di-n-propyla...	7.257	70	126886	40.015	ng	96
20) 3+4-Methylphenols	7.257	107	187791	41.882	ng	91
22) Acetophenone	7.251	105	239497	42.787	ng	95
24) Nitrobenzene	7.428	77	189871	41.152	ng	95
25) Isophorone	7.663	82	323352	38.967	ng	97
26) 2-Nitrophenol	7.739	139	91253	41.228	ng	89
27) 2,4-Dimethylphenol	7.780	122	135654	38.719	ng	94
28) bis(2-Chloroethoxy)met...	7.869	93	183823	38.258	ng	99
29) 2,4-Dichlorophenol	7.986	162	140068	40.317	ng	96
30) 1,2,4-Trichlorobenzene	8.063	180	149335	41.658	ng	99
31) Naphthalene	8.145	128	482878	40.617	ng	98
32) Benzoic acid	7.910	122	102481m	39.035	ng	
33) 4-Chloroaniline	8.198	127	203330	39.983	ng	98
34) Hexachlorobutadiene	8.251	225	99916	44.185	ng	99
35) Caprolactam	8.580	113	43907	38.383	ng	96
36) 4-Chloro-3-methylphenol	8.680	107	163533	41.900	ng	92
37) 2-Methylnaphthalene	8.833	142	337546	40.150	ng	100
38) 1-Methylnaphthalene	8.933	142	311159	39.813	ng	98
40) 1,2,4,5-Tetrachloroben...	9.004	216	155148	41.429	ng	99
41) Hexachlorocyclopentadiene	8.980	237	71754	40.387	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	102532	40.220	ng	99

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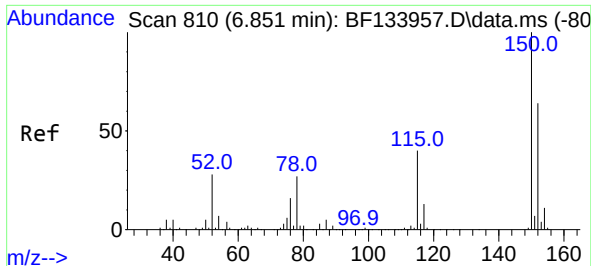
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	117215	39.089	ng	98
46) 1,1'-Biphenyl	9.298	154	410821	40.517	ng	97
47) 2-Chloronaphthalene	9.327	162	297852	40.148	ng	98
48) 2-Nitroaniline	9.427	65	107125	39.621	ng	99
49) Acenaphthylene	9.745	152	501678	39.586	ng	99
50) Dimethylphthalate	9.604	163	370541	40.383	ng	99
51) 2,6-Dinitrotoluene	9.674	165	81101	41.037	ng	98
52) Acenaphthene	9.916	154	295841	40.231	ng	98
53) 3-Nitroaniline	9.845	138	91984	38.797	ng	97
54) 2,4-Dinitrophenol	9.963	184	41580	38.536	ng	92
55) Dibenzofuran	10.086	168	453782	39.485	ng	97
56) 4-Nitrophenol	10.016	139	50549	30.481	ng	87
57) 2,4-Dinitrotoluene	10.086	165	107646	41.245	ng	# 83
58) Fluorene	10.433	166	367394	41.090	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	90891m	38.426	ng	
60) Diethylphthalate	10.304	149	388204	40.609	ng	98
61) 4-Chlorophenyl-phenyle...	10.421	204	175458	40.720	ng	94
62) 4-Nitroaniline	10.463	138	93905	39.301	ng	89
63) Azobenzene	10.586	77	348682	38.560	ng	96
65) 4,6-Dinitro-2-methylph...	10.498	198	58626	43.014	ng	93
66) n-Nitrosodiphenylamine	10.545	169	321541	40.256	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	111988	42.146	ng	96
68) Hexachlorobenzene	10.986	284	125924	44.634	ng	91
69) Atrazine	11.074	200	89315	40.426	ng	98
70) Pentachlorophenol	11.186	266	54958	32.580	ng	98
71) Phenanthrene	11.404	178	516113	41.010	ng	98
72) Anthracene	11.457	178	528769	40.395	ng	100
73) Carbazole	11.616	167	488572	40.778	ng	99
74) Di-n-butylphthalate	11.939	149	595807	41.817	ng	99
75) Fluoranthene	12.604	202	576377	42.363	ng	95
77) Benzidine	12.721	184	159562	36.162	ng	98
78) Pyrene	12.833	202	608786	35.276	ng	99
80) Butylbenzylphthalate	13.451	149	249384	38.530	ng	96
81) Benzo(a)anthracene	14.033	228	495757	38.549	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	158433	38.884	ng	99
83) Chrysene	14.074	228	472135	37.903	ng	99
84) Bis(2-ethylhexyl)phtha...	14.009	149	323420	43.487	ng	100
85) Di-n-octyl phthalate	14.633	149	479276	43.858	ng	97
87) Indeno(1,2,3-cd)pyrene	17.115	276	426285	37.858	ng	# 94
88) Benzo(b)fluoranthene	15.109	252	399402	41.858	ng	# 98
89) Benzo(k)fluoranthene	15.139	252	382391	39.361	ng	# 98
90) Benzo(a)pyrene	15.492	252	361713	39.203	ng	97
91) Dibenzo(a,h)anthracene	17.127	278	348623	37.906	ng	97
92) Benzo(g,h,i)perylene	17.592	276	353199	37.240	ng	# 95

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



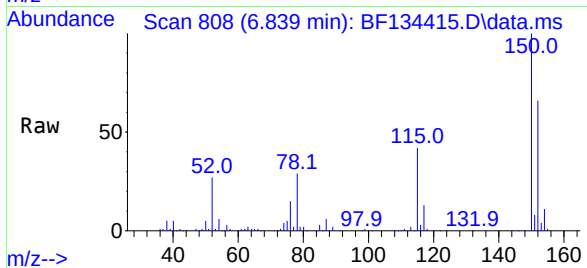
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

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SSTDCCC040

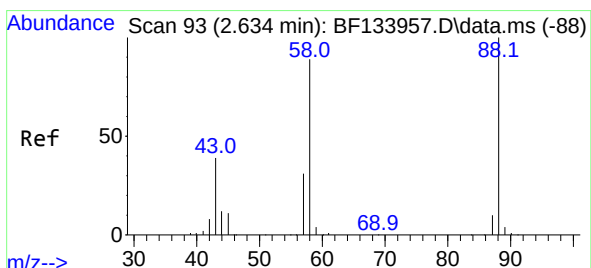
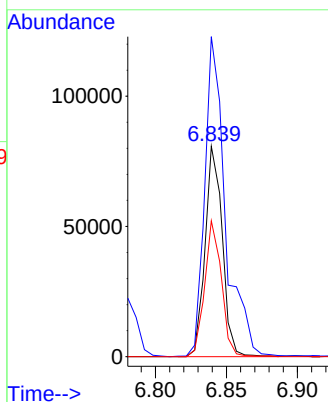
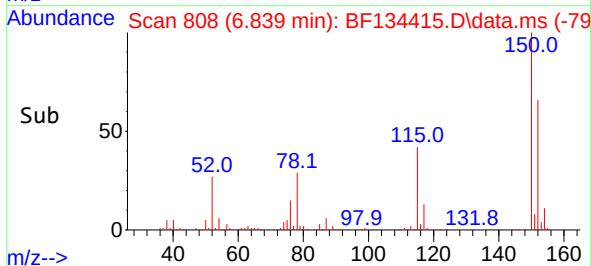


Tgt Ion:152 Resp: 6801
Ion Ratio Lower Upper
152 100
150 152.1 124.5 186.7
115 64.6 50.2 75.2

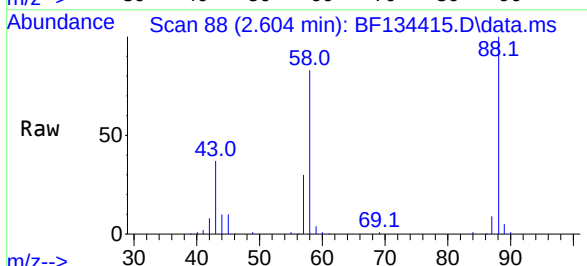
Manual Integrations

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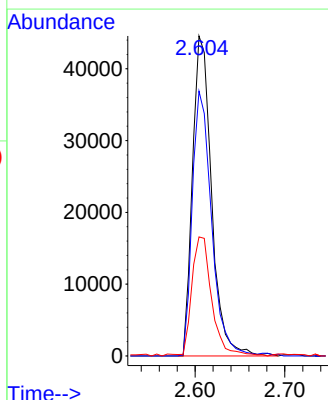
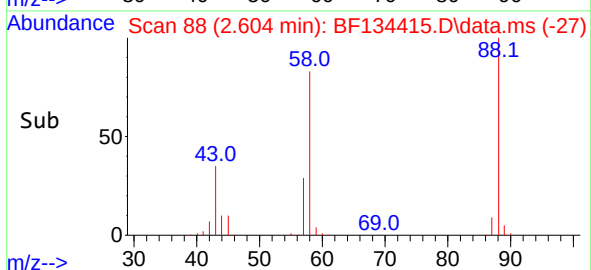
Reviewed By :Yogesh Patel 07/25/2023
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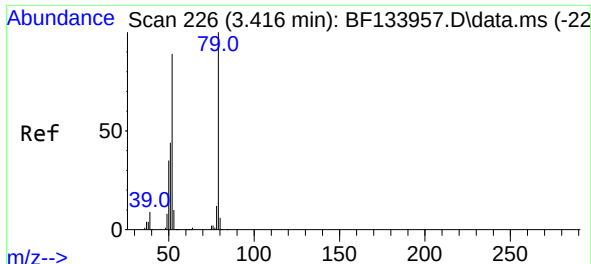


#2
1,4-Dioxane
Concen: 39.252 ng
RT: 2.604 min Scan# 88
Delta R.T. 0.012 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14



Tgt Ion: 88 Resp: 65804
Ion Ratio Lower Upper
88 100
58 83.4 68.8 103.2
43 39.1 30.7 46.1





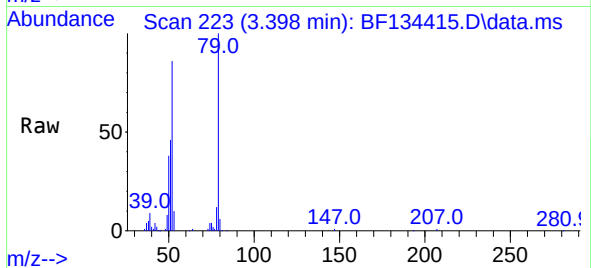
#3
Pyridine
Concen: 36.446 ng
RT: 3.398 min Scan# 217
Delta R.T. 0.018 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Instrument :

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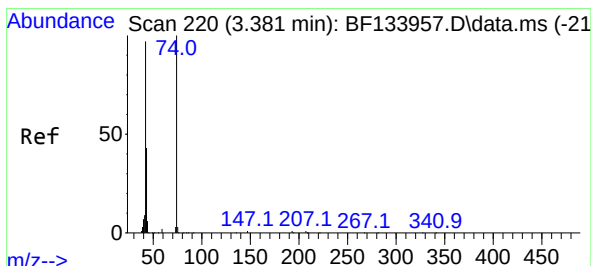
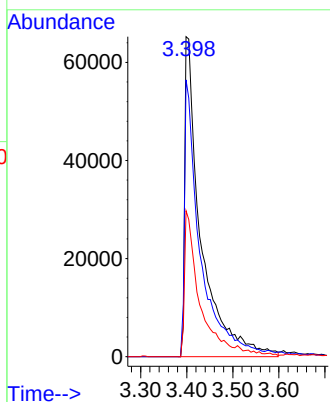
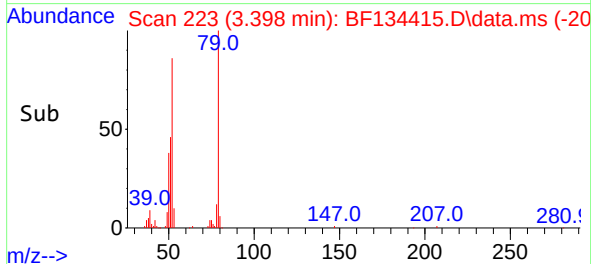


Tgt Ion: 79 Resp: 15915
Ion Ratio Lower Upper
79 100
52 86.5 71.1 106.7
51 45.6 35.2 52.8

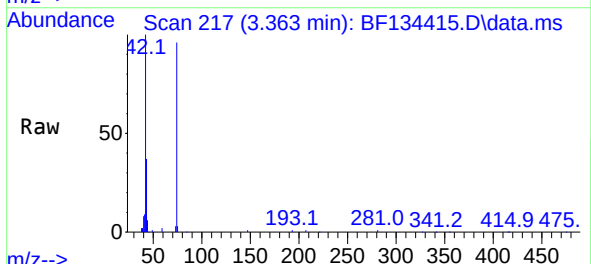
Manual Integrations

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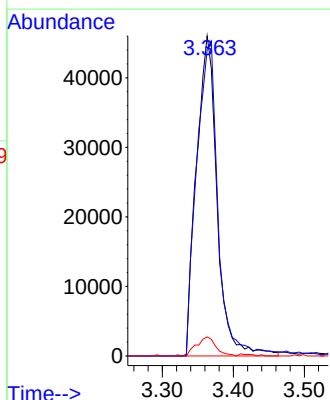
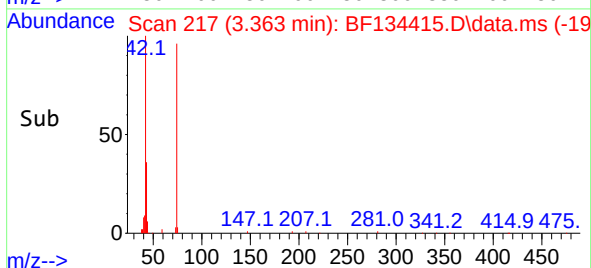
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

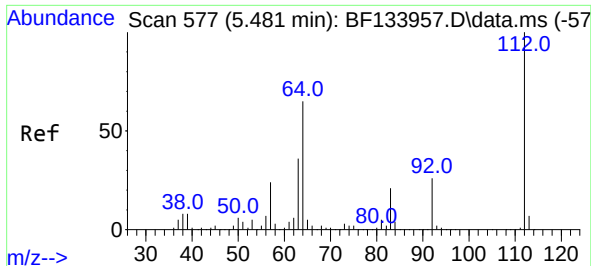


#4
n-Nitrosodimethylamine
Concen: 37.446 ng
RT: 3.363 min Scan# 217
Delta R.T. 0.023 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14



Tgt Ion: 42 Resp: 93390
Ion Ratio Lower Upper
42 100
74 95.8 82.4 123.6
44 6.0 4.9 7.3





#5
2-Fluorophenol
Concen: 80.069 ng
RT: 5.475 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Instrument :

BNA_F

ClientSampleId :

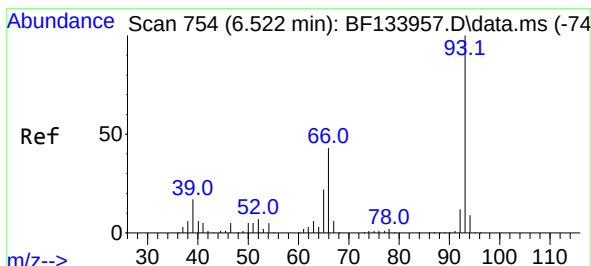
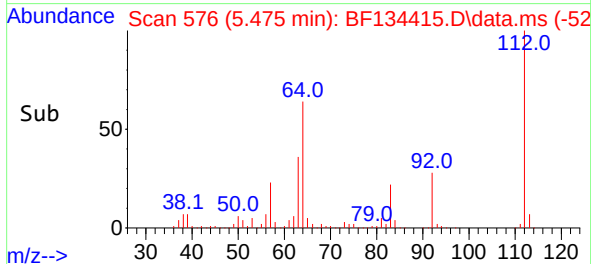
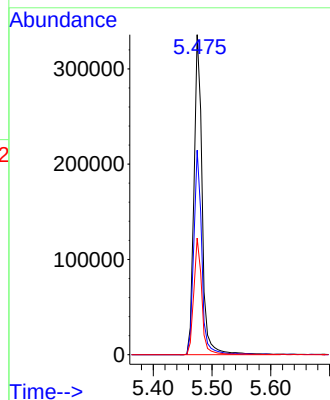
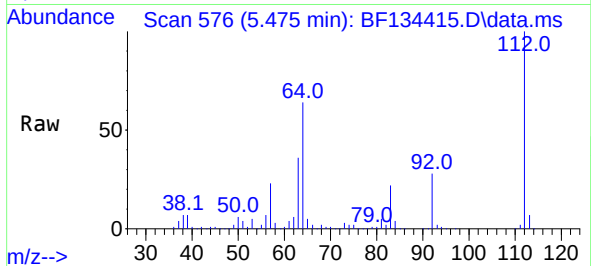
SSTDCCC040

Tgt Ion:112 Resp: 325548
Ion Ratio Lower Upper
112 100
64 63.9 52.1 78.1
63 36.4 28.6 42.8

Manual Integrations

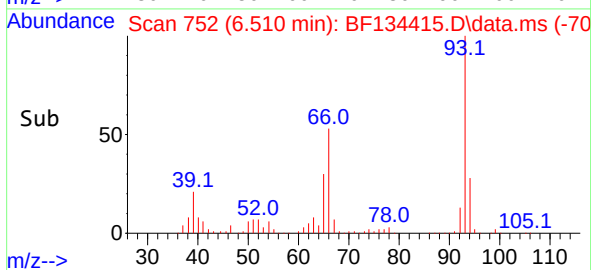
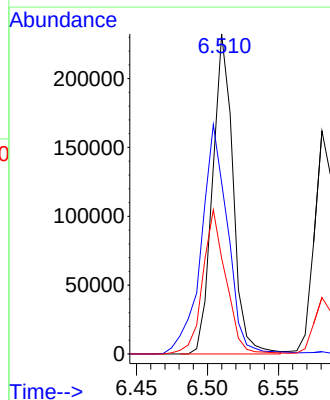
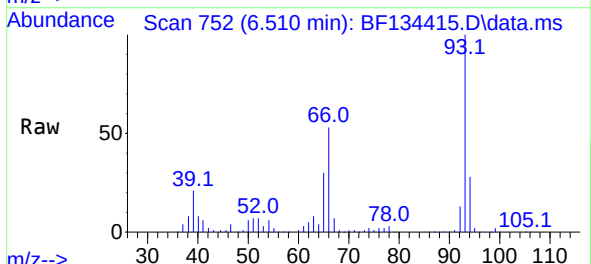
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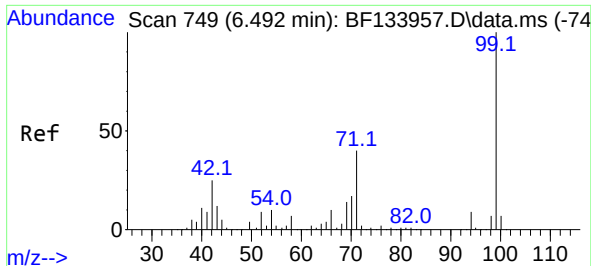
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#6
Aniline
Concen: 38.213 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

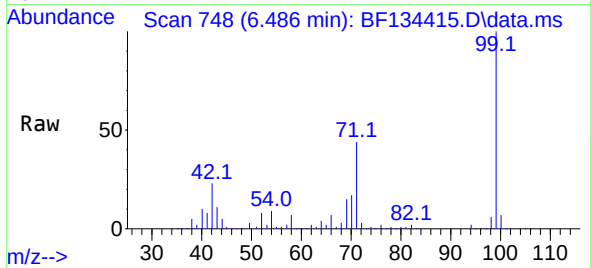
Tgt Ion: 93 Resp: 232509
Ion Ratio Lower Upper
93 100
66 53.5 34.5 51.7#
65 29.9 17.8 26.6#





#7
Phenol-d6
Concen: 79.558 ng
RT: 6.486 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

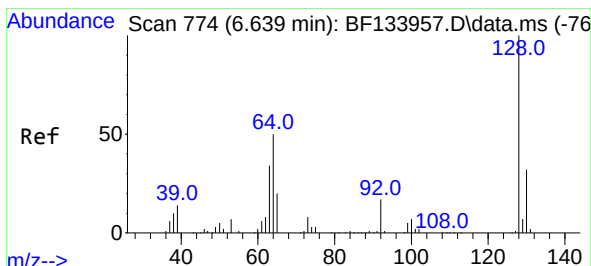
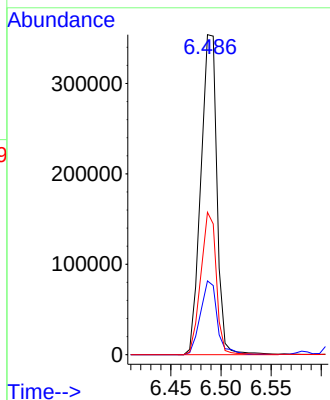
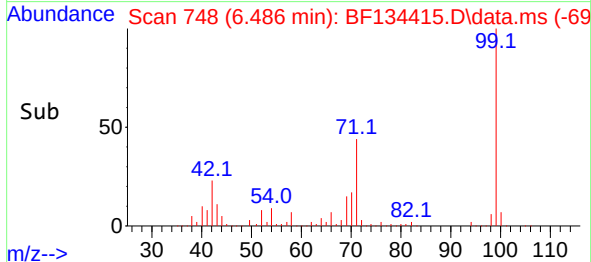
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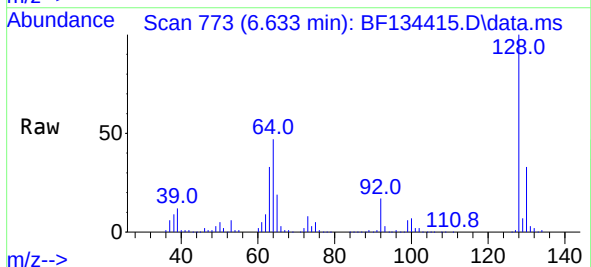
Tgt Ion: 99 Resp: 397804
Ion Ratio Lower Upper
99 100
42 23.1 19.8 29.6
71 44.5 31.9 47.9

Manual Integrations
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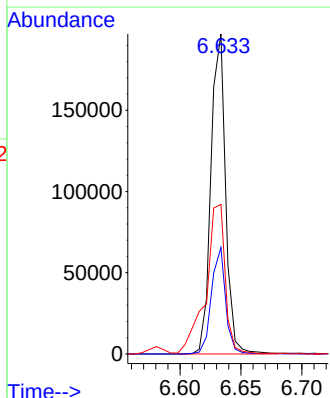
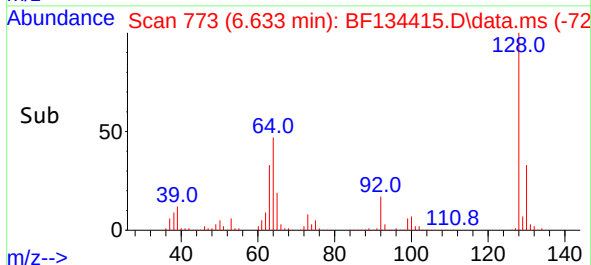
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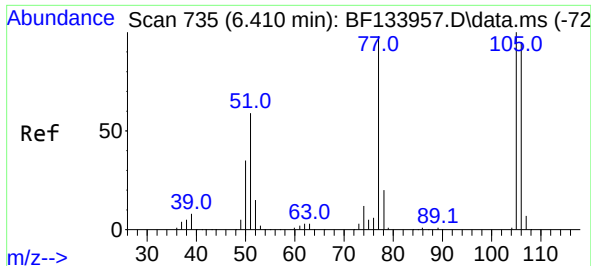


#8
2-Chlorophenol
Concen: 40.061 ng
RT: 6.633 min Scan# 773
Delta R.T. -0.000 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14



Tgt Ion:128 Resp: 165344
Ion Ratio Lower Upper
128 100
130 33.2 11.7 51.7
64 46.8 31.3 71.3





#9
Benzaldehyde
Concen: 41.396 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Instrument :

BNA_F

ClientSampleId :

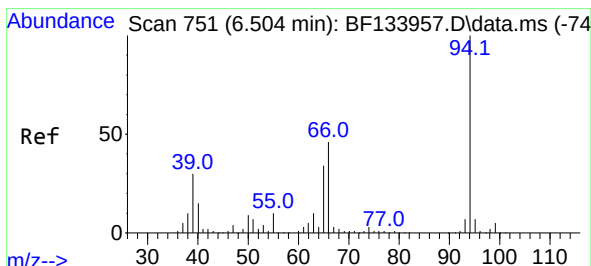
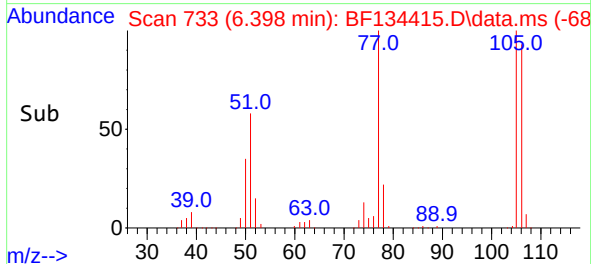
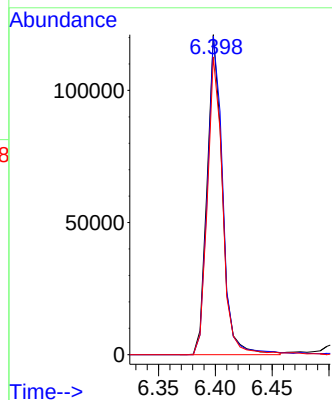
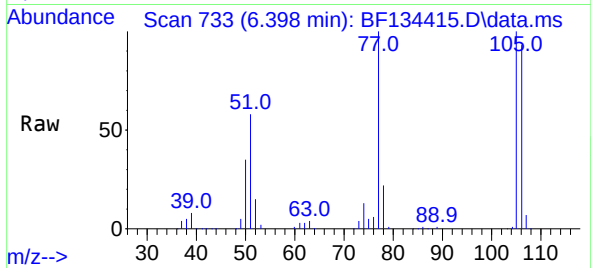
SSTDCCC040

Tgt Ion: 77 Resp: 112692
Ion Ratio Lower Upper
77 100
105 99.6 82.0 122.0
106 93.1 76.9 116.9

Manual Integrations

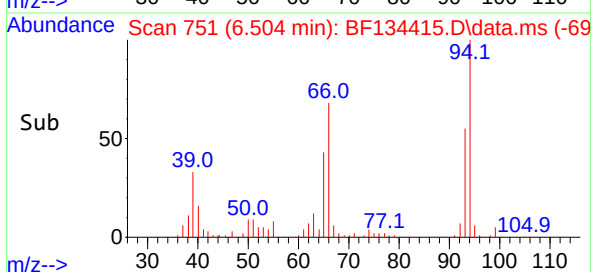
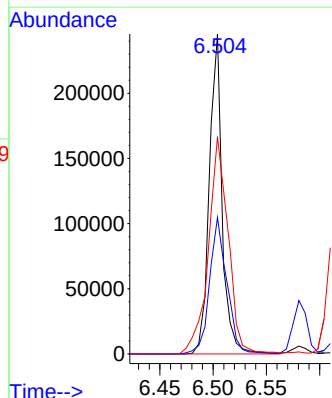
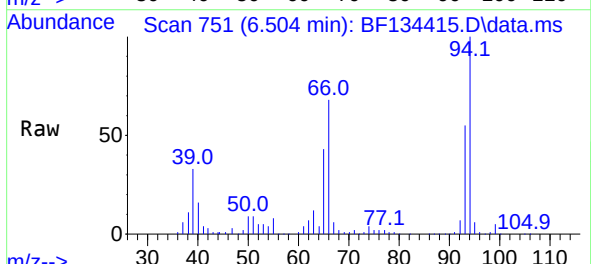
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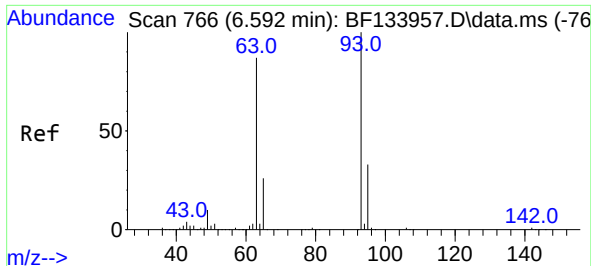
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#10
Phenol
Concen: 39.288 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Tgt Ion: 94 Resp: 206550
Ion Ratio Lower Upper
94 100
65 42.7 14.2 54.2
66 67.9 26.4 66.4#





#11
bis(2-Chloroethyl)ether
Concen: 37.852 ng
RT: 6.581 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Instrument :

BNA_F

ClientSampleId :

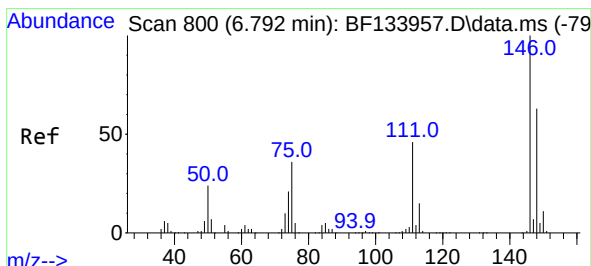
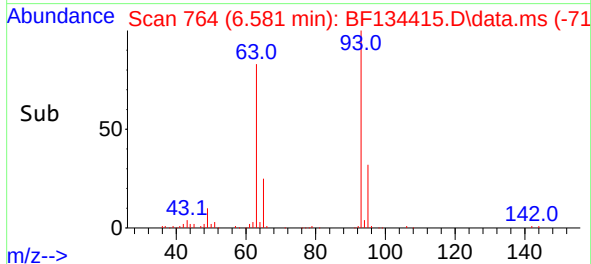
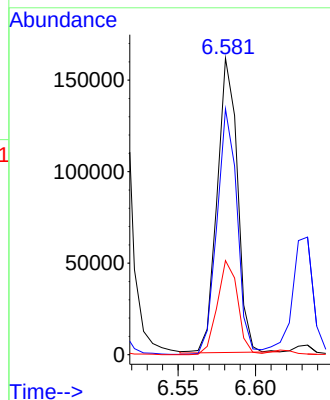
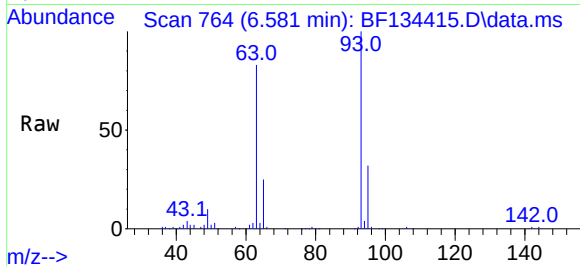
SSTDCCC040

Tgt Ion: 93 Resp: 14650
Ion Ratio Lower Upper
93 100
63 82.9 66.5 106.5
95 31.7 12.9 52.9

Manual Integrations

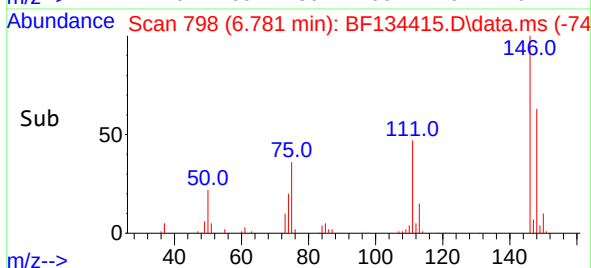
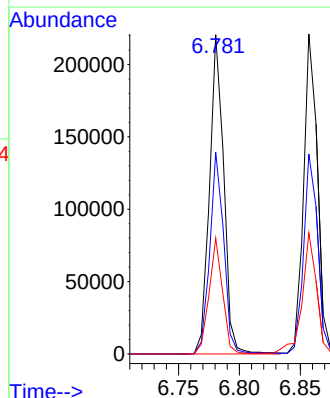
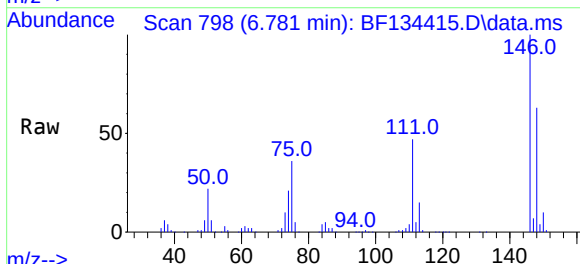
APPROVED

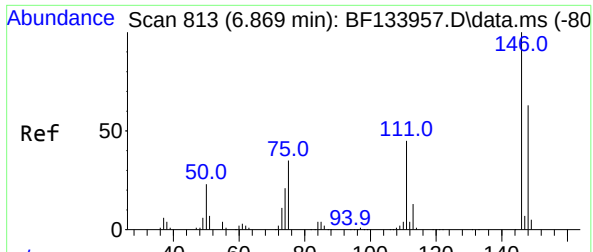
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#12
1,3-Dichlorobenzene
Concen: 40.686 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

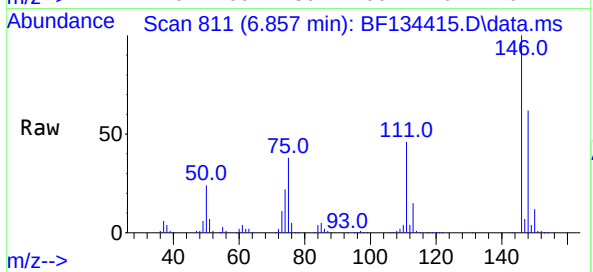
Tgt Ion:146 Resp: 179025
Ion Ratio Lower Upper
146 100
148 63.2 50.5 75.7
75 36.3 29.0 43.6





#13
1,4-Dichlorobenzene
Concen: 39.830 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

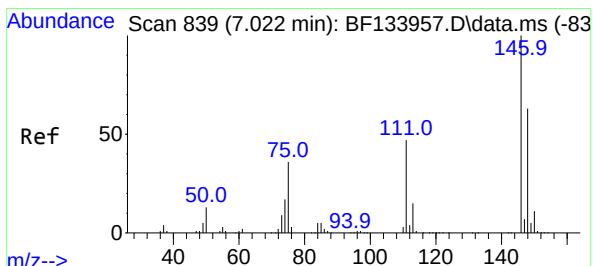
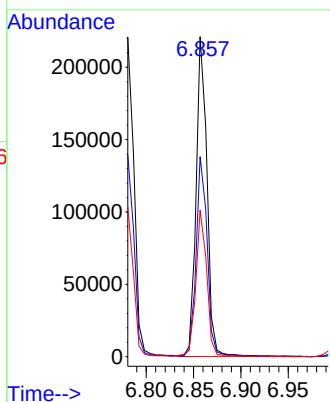
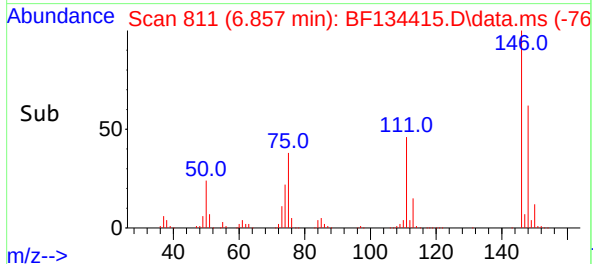
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



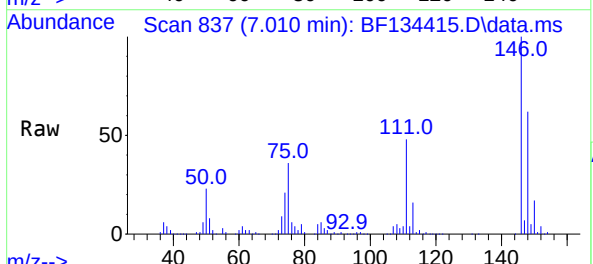
Tgt Ion:146 Resp: 177019
Ion Ratio Lower Upper
146 100
148 62.5 50.2 75.2
111 45.8 35.8 53.6

Manual Integrations
APPROVED

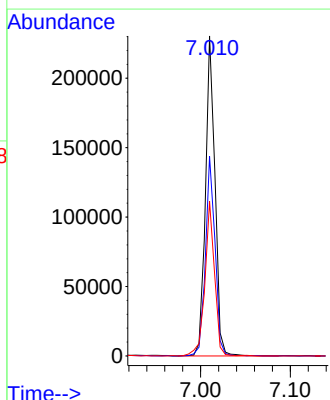
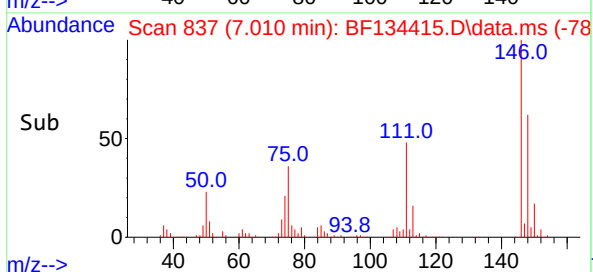
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

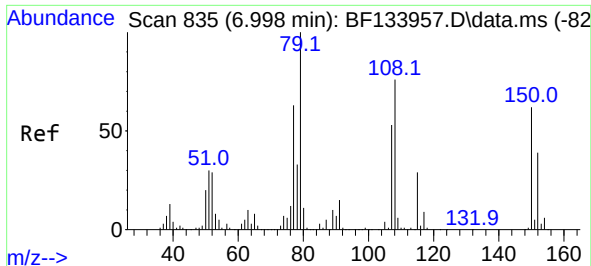


#14
1,2-Dichlorobenzene
Concen: 40.728 ng
RT: 7.010 min Scan# 837
Delta R.T. -0.006 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14



Tgt Ion:146 Resp: 169527
Ion Ratio Lower Upper
146 100
148 62.4 50.6 76.0
111 48.4 38.0 57.0





#15
Benzyl Alcohol
Concen: 42.065 ng
RT: 6.986 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Instrument :

BNA_F

ClientSampleId :

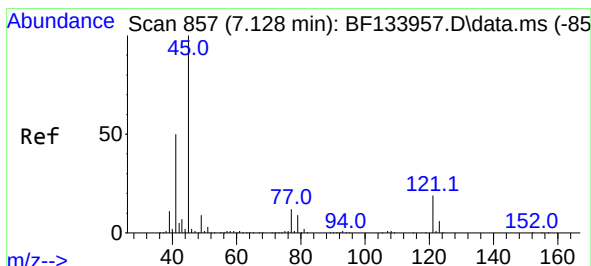
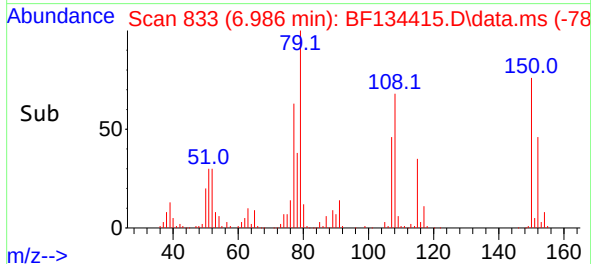
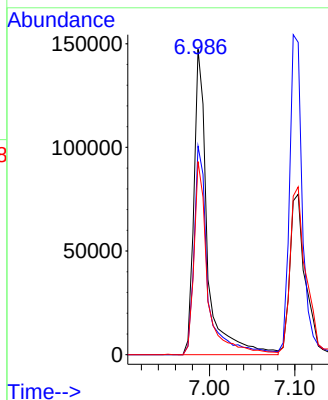
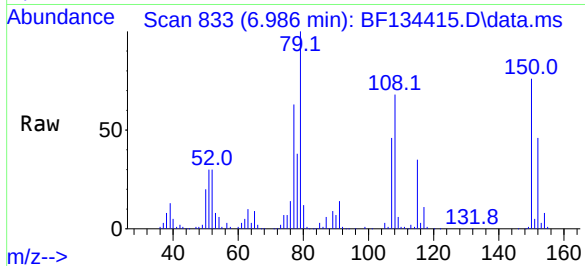
SSTDCCC040

Tgt Ion: 79 Resp: 162144
Ion Ratio Lower Upper
79 100
108 68.3 60.7 91.1
77 63.2 50.6 75.8

Manual Integrations

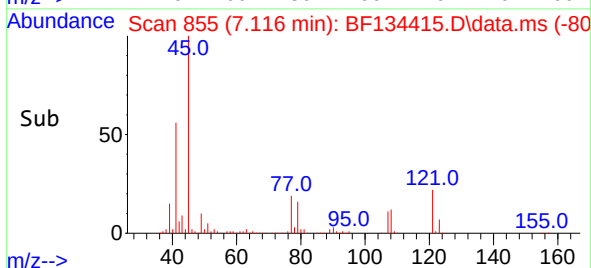
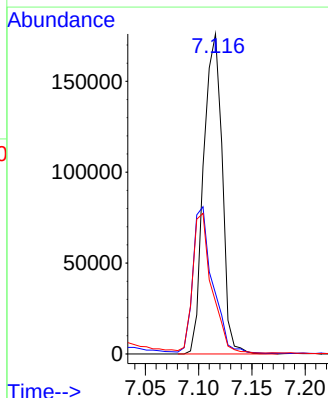
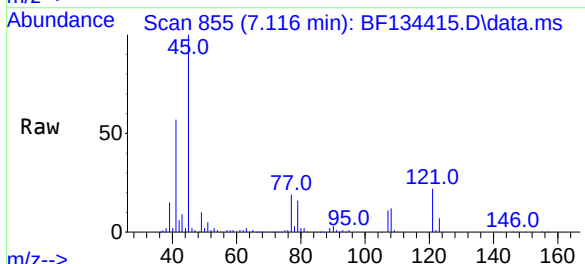
APPROVED

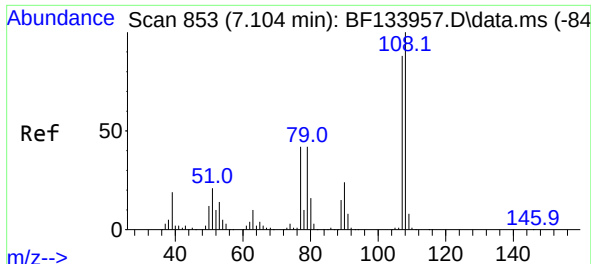
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.163 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Tgt Ion: 45 Resp: 213385
Ion Ratio Lower Upper
45 100
77 18.9 0.0 32.9
79 16.4 0.0 29.5





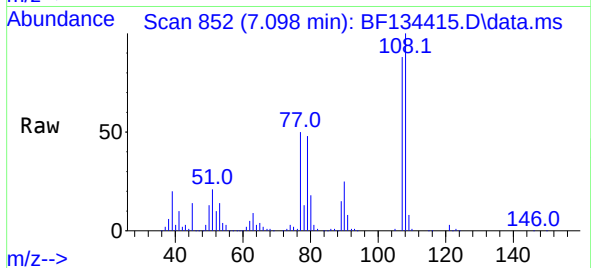
#17
2-Methylphenol
Concen: 39.027 ng
RT: 7.098 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

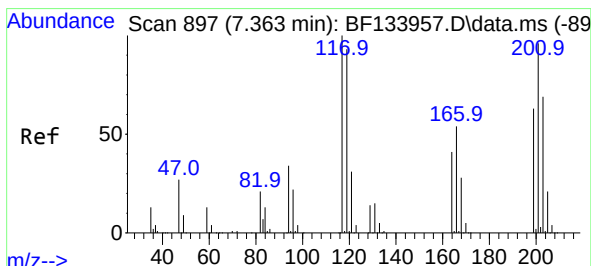
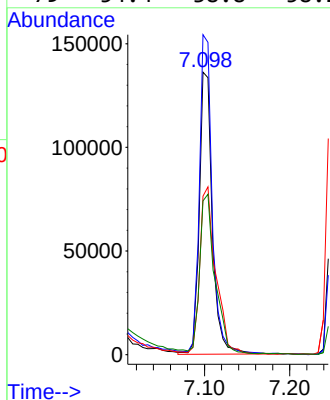
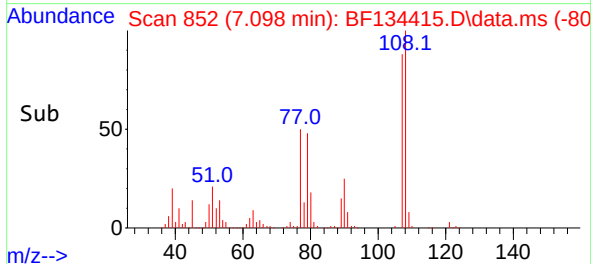


Tgt Ion:107 Resp: 14424
Ion Ratio Lower Upper
107 100
108 113.2 90.6 136.0
77 56.1 38.3 57.5
79 54.4 38.8 58.2

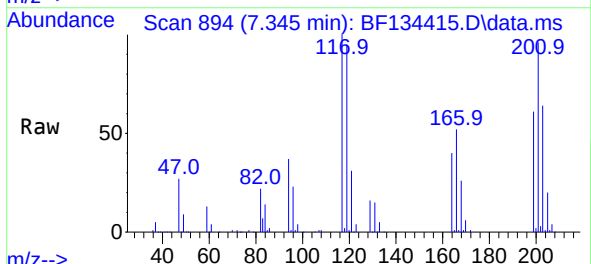
Manual Integrations

APPROVED

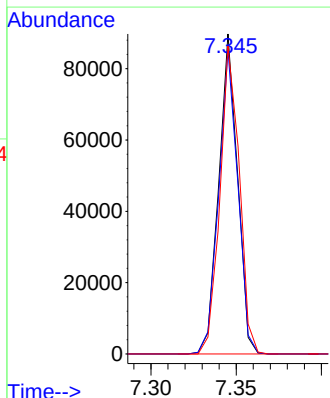
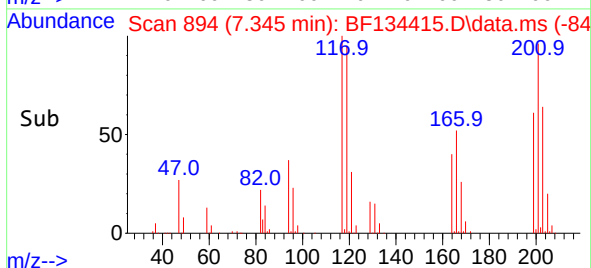
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

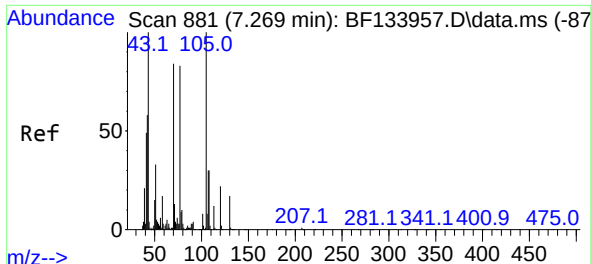


#18
Hexachloroethane
Concen: 41.659 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14



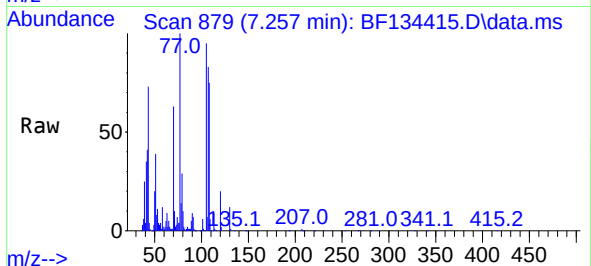
Tgt Ion:117 Resp: 68652
Ion Ratio Lower Upper
117 100
119 95.1 74.2 111.4
201 96.2 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 40.015 ng
RT: 7.257 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

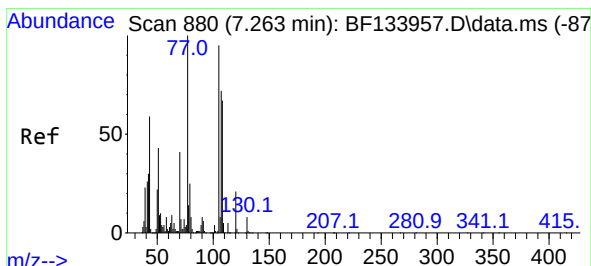
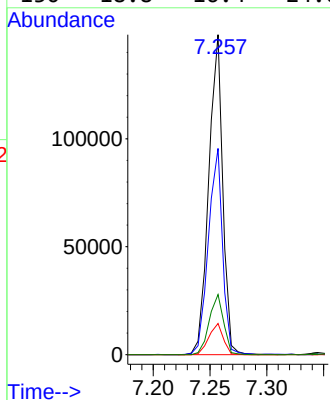
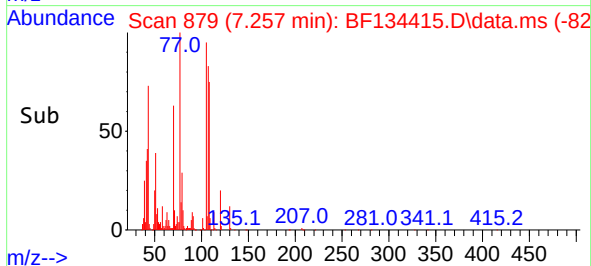
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



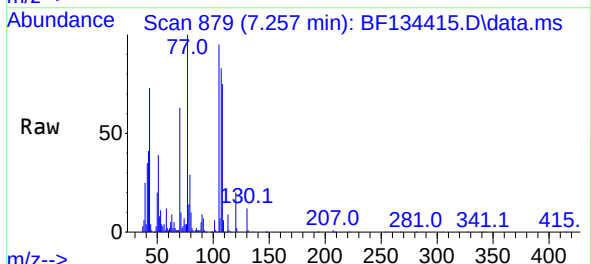
Tgt Ion: 70 Resp: 126880
Ion Ratio Lower Upper
70 100
42 64.4 54.7 82.1
101 9.8 7.7 11.5
130 18.8 16.4 24.6

Manual Integrations
APPROVED

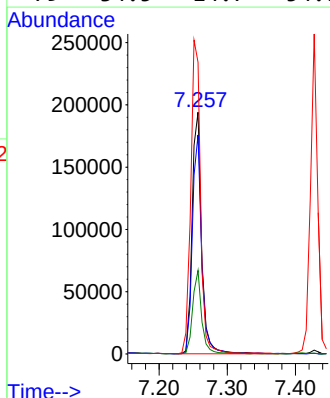
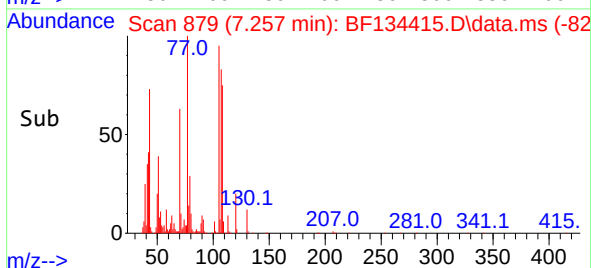
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

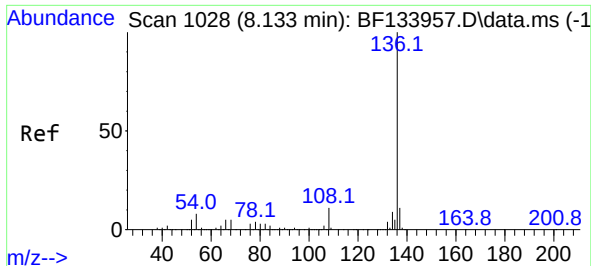


#20
3+4-Methylphenols
Concen: 41.882 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14



Tgt Ion:107 Resp: 187791
Ion Ratio Lower Upper
107 100
108 90.6 73.2 113.2
77 120.6 118.3 158.3
79 34.5 14.7 54.7





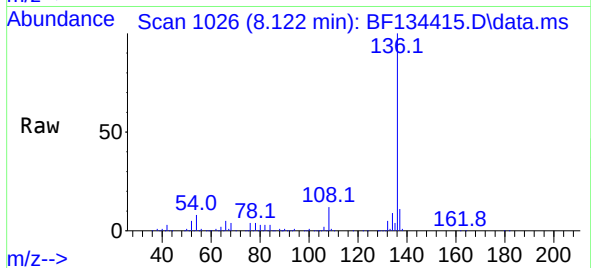
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

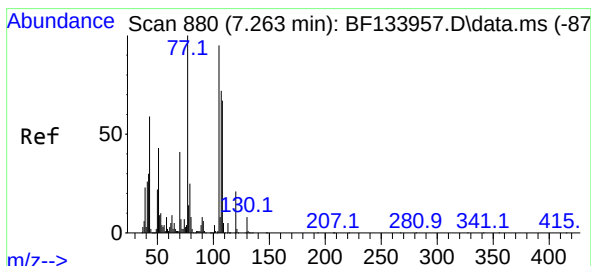
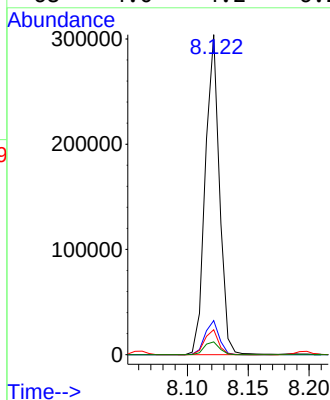
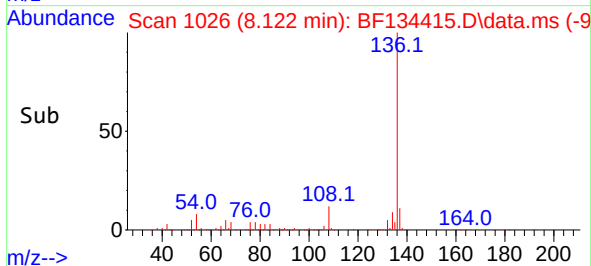


Tgt Ion:136 Resp: 24612
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 7.8 6.5 9.7
68 4.0 4.2 6.2#

Manual Integrations

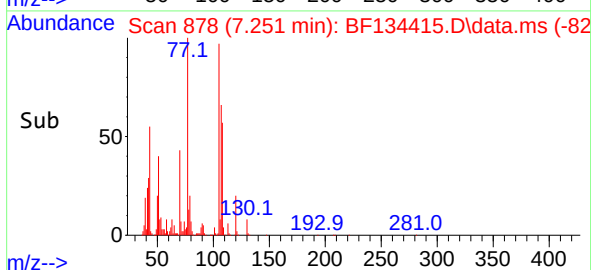
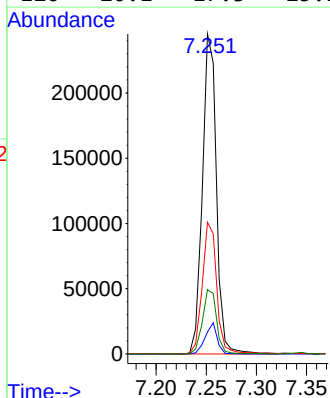
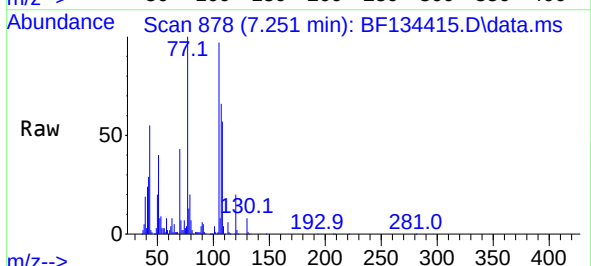
APPROVED

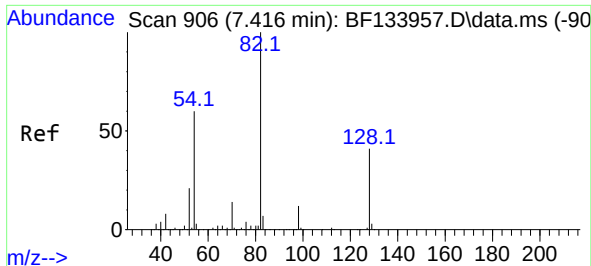
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#22
Acetophenone
Concen: 42.787 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Tgt Ion:105 Resp: 239497
Ion Ratio Lower Upper
105 100
71 6.8 5.5 8.3
51 41.2 36.5 54.7
120 20.1 17.3 25.9





#23
Nitrobenzene-d5
Concen: 84.004 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Instrument :

BNA_F

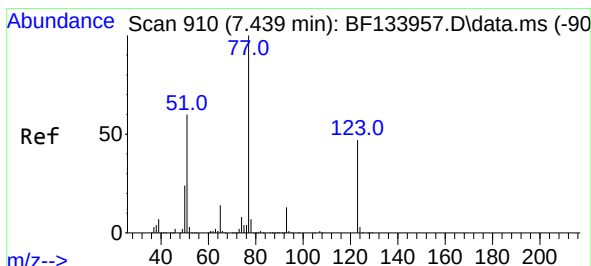
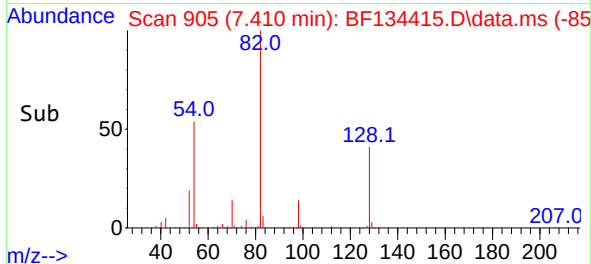
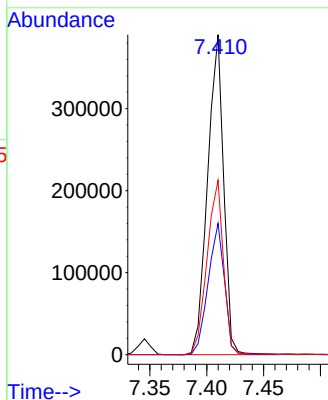
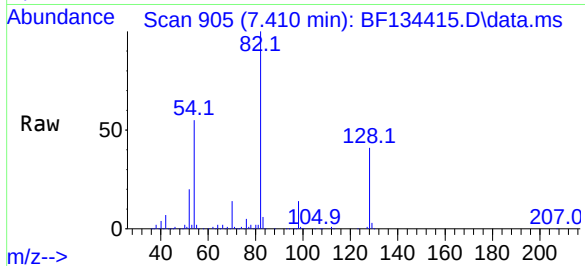
ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 38354
Ion Ratio Lower Upper
82 100
128 41.0 32.5 48.7
54 54.5 48.2 72.2

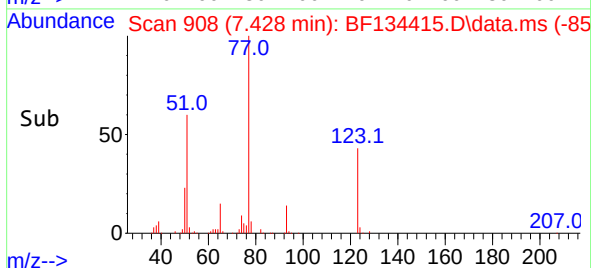
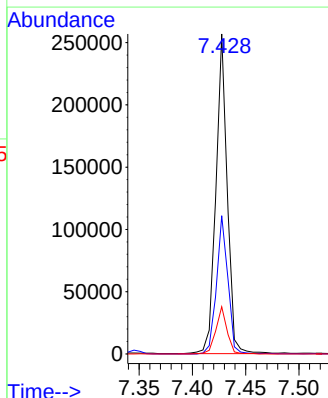
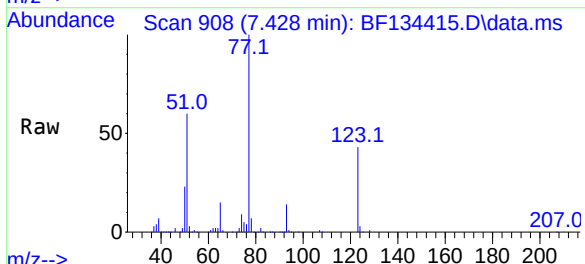
Manual Integrations
APPROVED

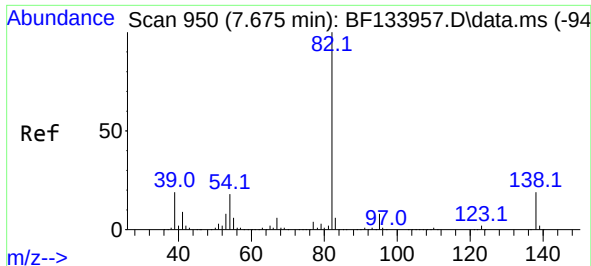
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#24
Nitrobenzene
Concen: 41.152 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Tgt Ion: 77 Resp: 189871
Ion Ratio Lower Upper
77 100
123 43.2 37.8 56.6
65 14.7 11.3 16.9





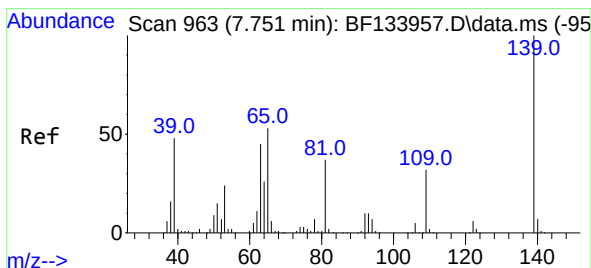
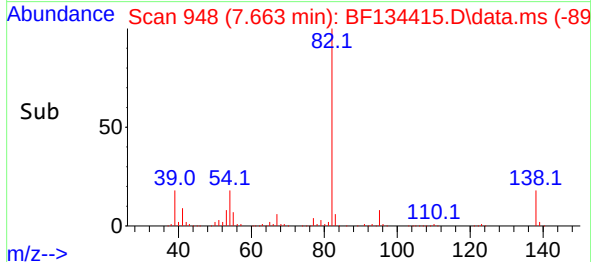
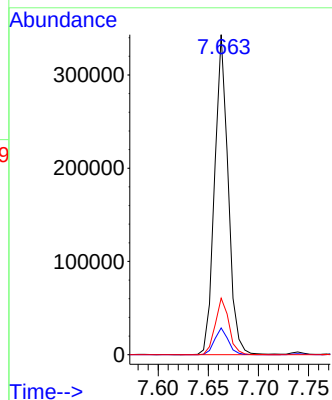
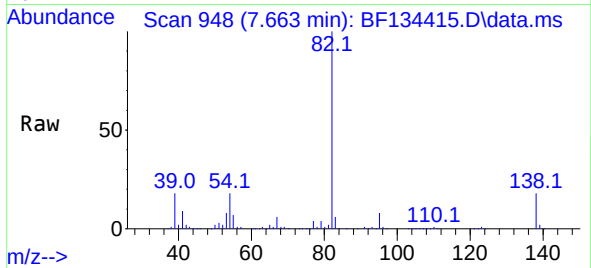
#25
Isophorone
Concen: 38.967 ng
RT: 7.663 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 323352
Ion Ratio Lower Upper
82 100
95 8.4 6.1 9.1
138 17.6 15.2 22.8

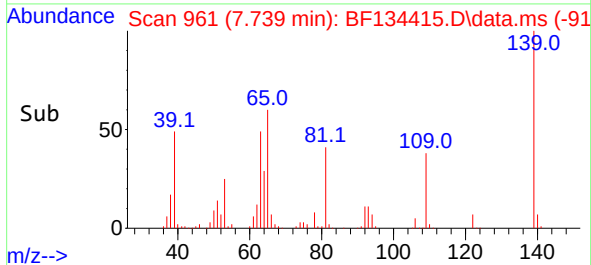
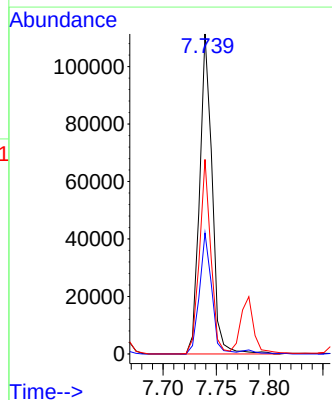
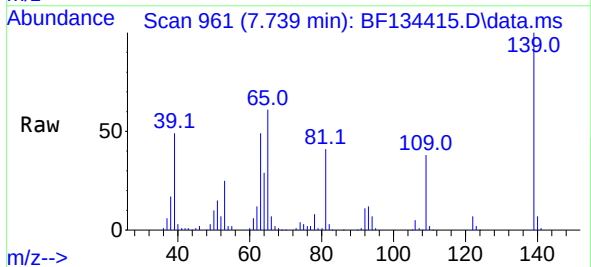
Manual Integrations
APPROVED

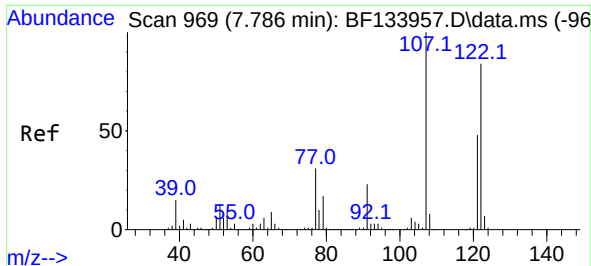
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#26
2-Nitrophenol
Concen: 41.228 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.006 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Tgt Ion:139 Resp: 91253
Ion Ratio Lower Upper
139 100
109 37.8 25.8 38.8
65 60.8 42.4 63.6





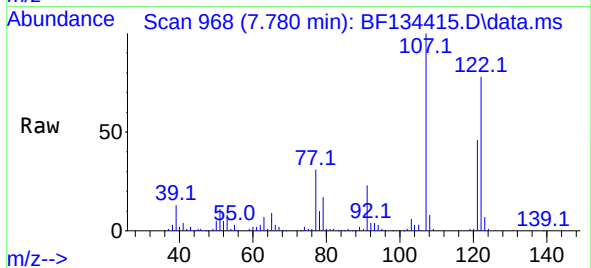
#27
2,4-Dimethylphenol
Concen: 38.719 ng
RT: 7.780 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

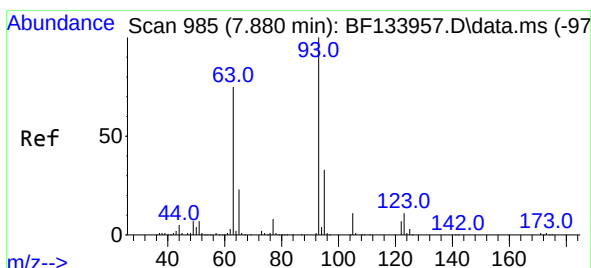
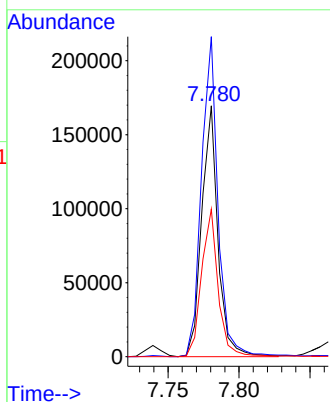
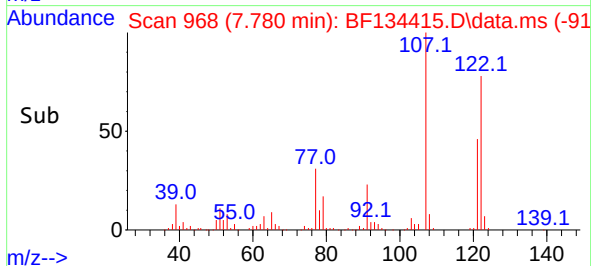


Tgt Ion:122 Resp: 135654
Ion Ratio Lower Upper
122 100
107 127.6 95.5 143.3
121 58.8 45.5 68.3

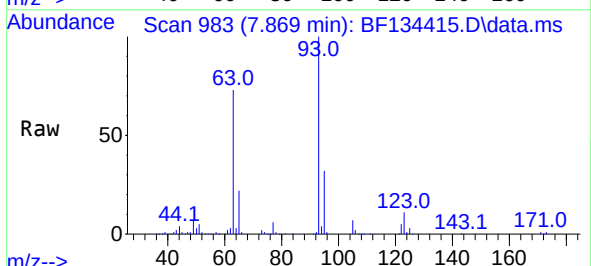
Manual Integrations

APPROVED

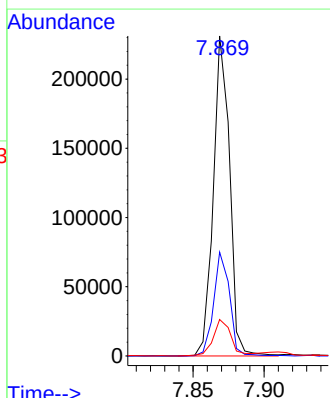
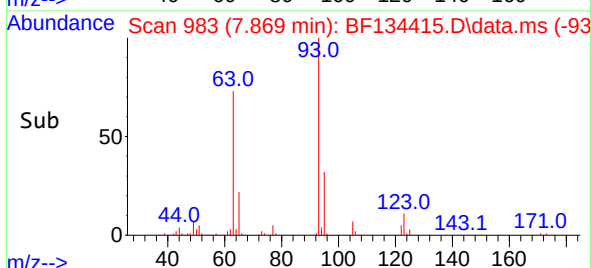
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

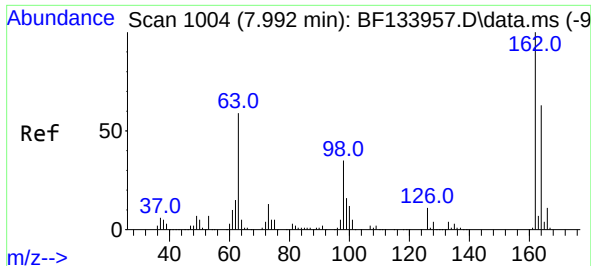


#28
bis(2-Chloroethoxy)methane
Concen: 38.258 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14



Tgt Ion: 93 Resp: 183823
Ion Ratio Lower Upper
93 100
95 32.5 26.5 39.7
123 11.4 9.1 13.7





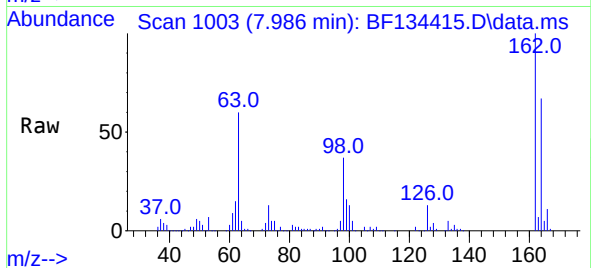
#29
2,4-Dichlorophenol
Concen: 40.317 ng
RT: 7.986 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



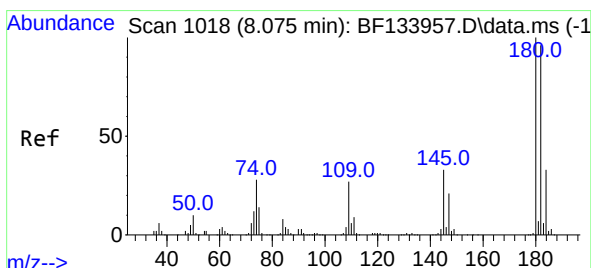
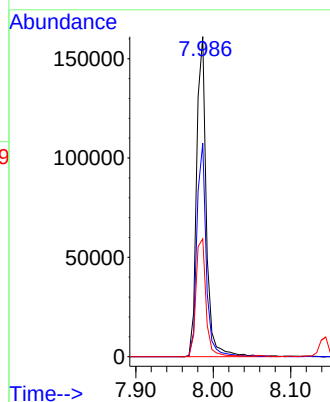
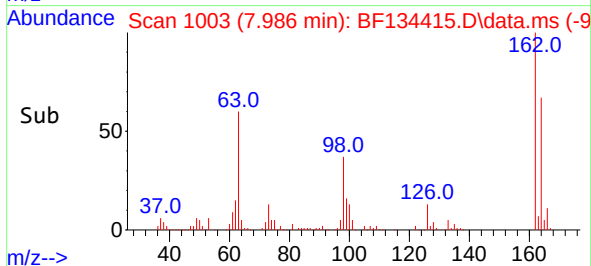
Tgt Ion:162 Resp: 140068
Ion Ratio Lower Upper
162 100
164 66.7 43.2 83.2
98 36.9 14.9 54.9

Manual Integrations

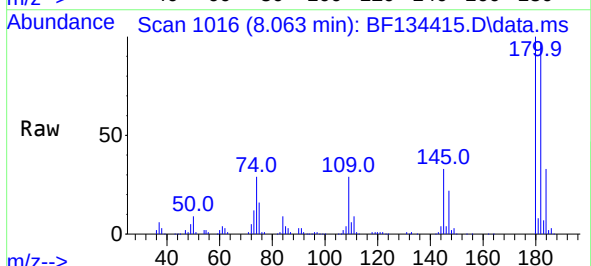
APPROVED

Reviewed By :Yogesh Patel 07/25/2023

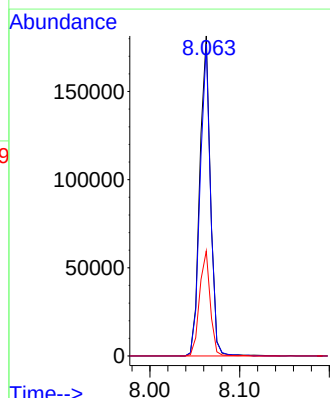
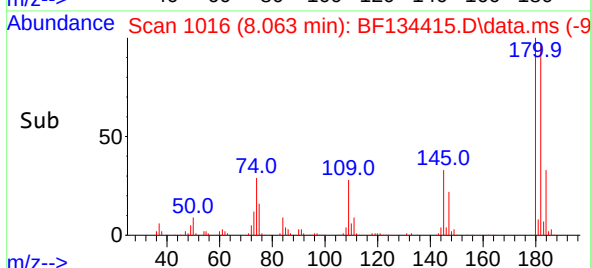
Supervised By :mohammad ahmed 07/25/2023

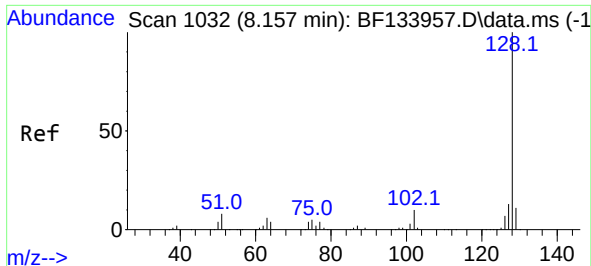


#30
1,2,4-Trichlorobenzene
Concen: 41.658 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14



Tgt Ion:180 Resp: 149335
Ion Ratio Lower Upper
180 100
182 97.5 77.1 115.7
145 32.8 26.0 39.0





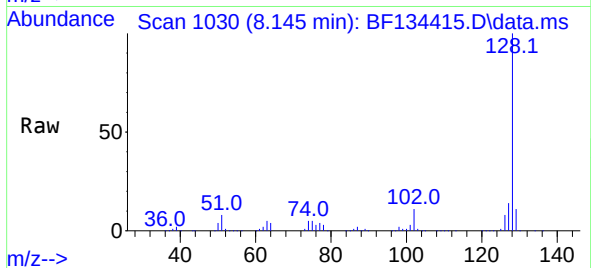
#31
Naphthalene
Concen: 40.617 ng
RT: 8.145 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

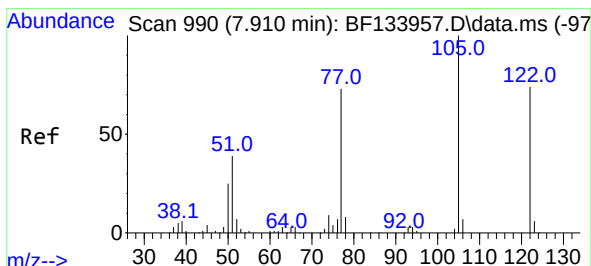
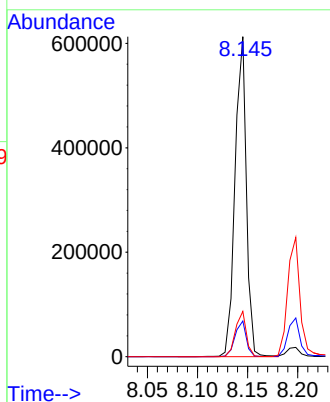
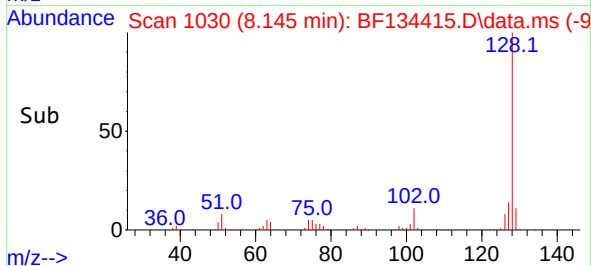


Tgt Ion:128 Resp: 482878
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 14.1 10.6 15.8

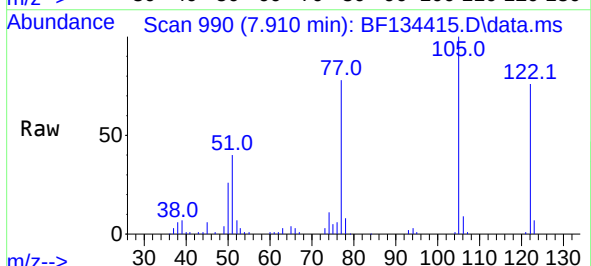
Manual Integrations

APPROVED

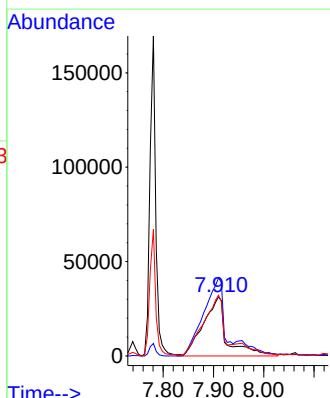
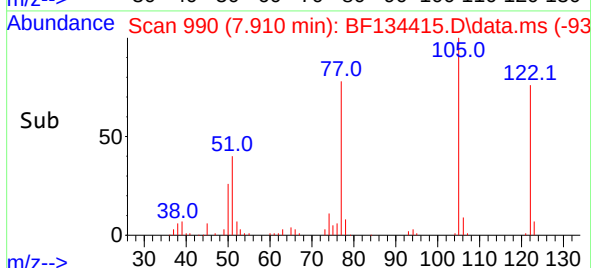
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

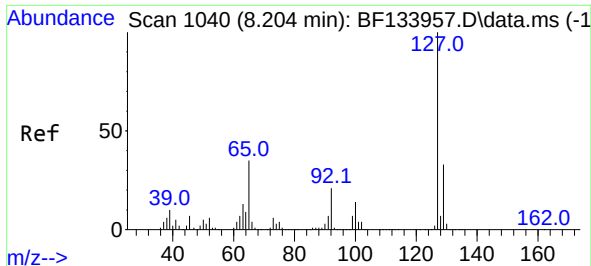


#32
Benzoic acid
Concen: 39.035 ng m
RT: 7.910 min Scan# 990
Delta R.T. 0.006 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14



Tgt Ion:122 Resp: 102481
Ion Ratio Lower Upper
122 100
105 132.3 109.7 149.7
77 102.9 76.0 116.0





#33
4-Chloroaniline
Concen: 39.983 ng
RT: 8.198 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Instrument :

BNA_F

ClientSampleId :

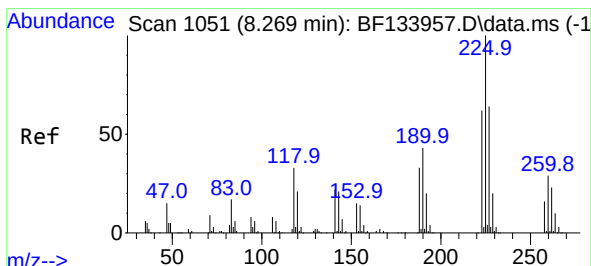
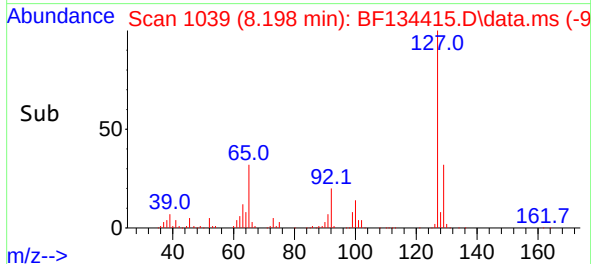
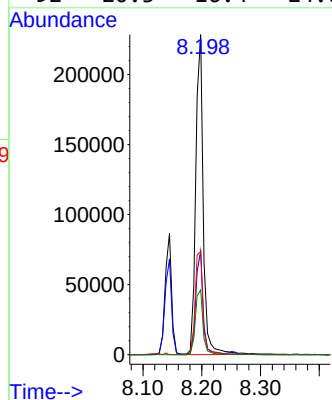
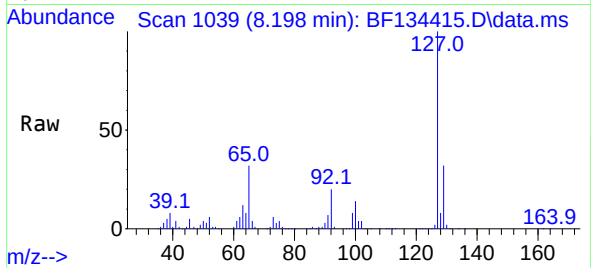
SSTDCCC040

Tgt Ion:127 Resp: 203330
Ion Ratio Lower Upper
127 100
129 32.5 26.4 39.6
65 32.3 27.8 41.8
92 20.3 16.4 24.6

Manual Integrations

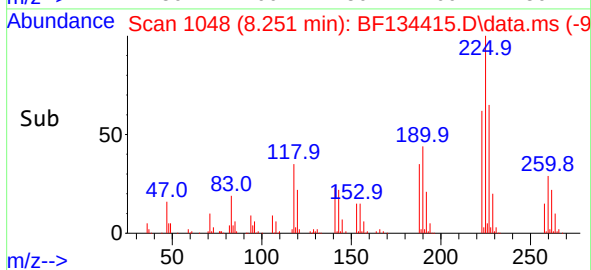
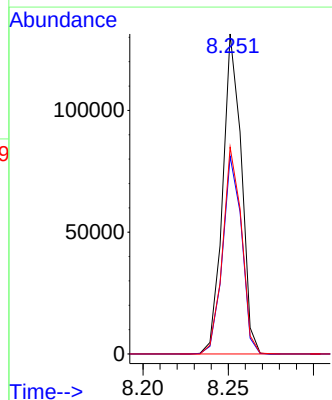
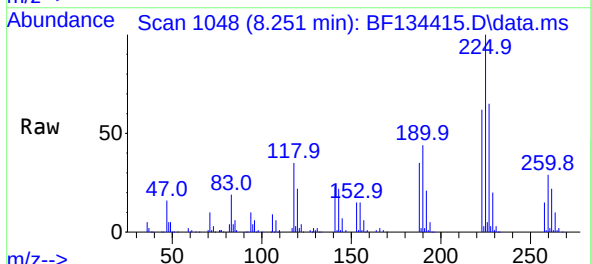
APPROVED

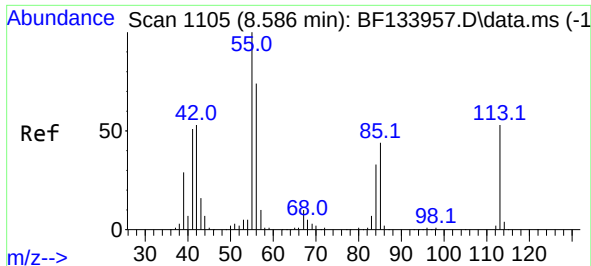
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#34
Hexachlorobutadiene
Concen: 44.185 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Tgt Ion:225 Resp: 99916
Ion Ratio Lower Upper
225 100
223 61.8 49.8 74.8
227 64.7 51.0 76.4





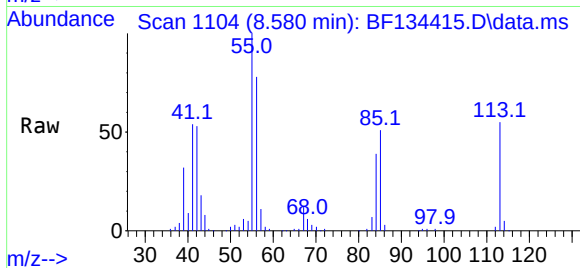
#35
Caprolactam
Concen: 38.383 ng
RT: 8.580 min Scan# 1105
Delta R.T. 0.006 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

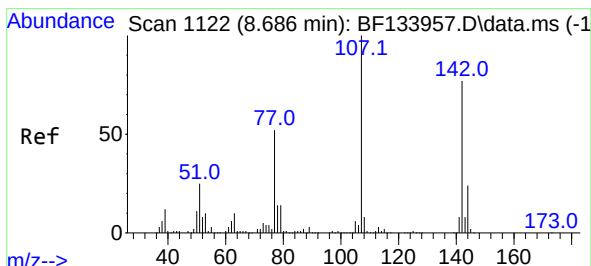
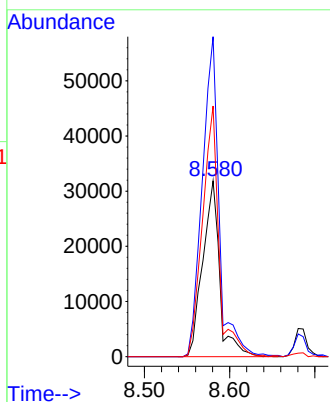
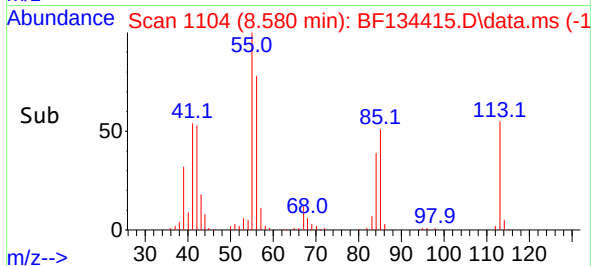


Tgt Ion:113 Resp: 4390
Ion Ratio Lower Upper
113 100
55 181.9 170.2 210.2
56 142.6 121.4 161.4

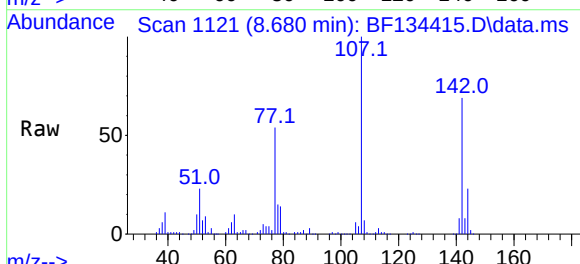
Manual Integrations

APPROVED

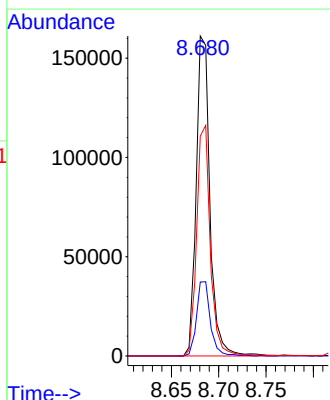
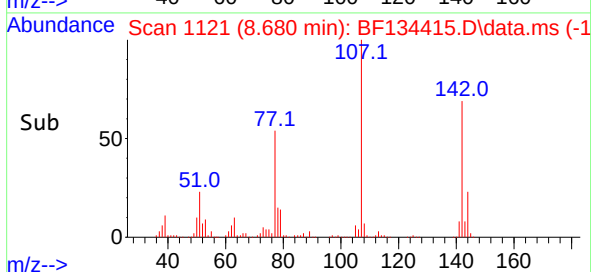
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

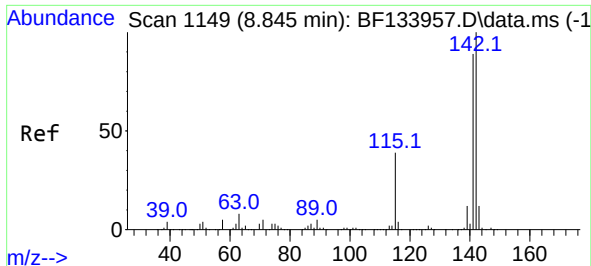


#36
4-Chloro-3-methylphenol
Concen: 41.900 ng
RT: 8.680 min Scan# 1121
Delta R.T. -0.000 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14



Tgt Ion:107 Resp: 163533
Ion Ratio Lower Upper
107 100
144 23.1 19.6 29.4
142 68.7 61.4 92.2





#37

2-Methylnaphthalene

Concen: 40.150 ng

RT: 8.833 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BF134415.D

Acq: 22 Jul 2023 11:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 337540

Ion Ratio Lower Upper

142 100

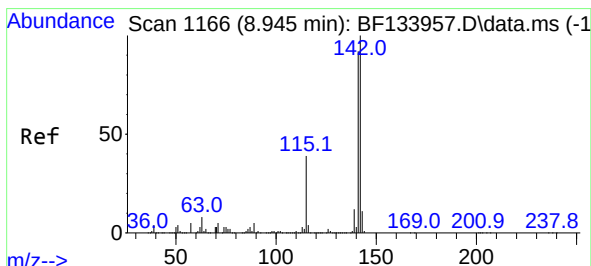
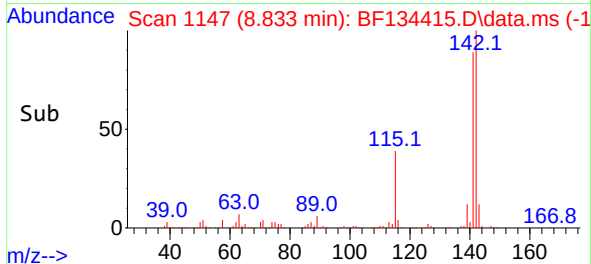
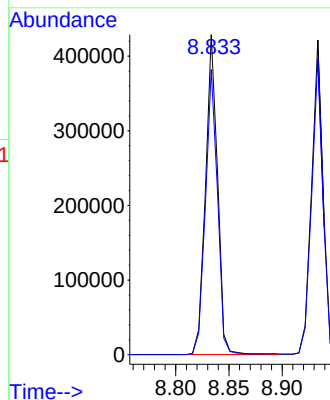
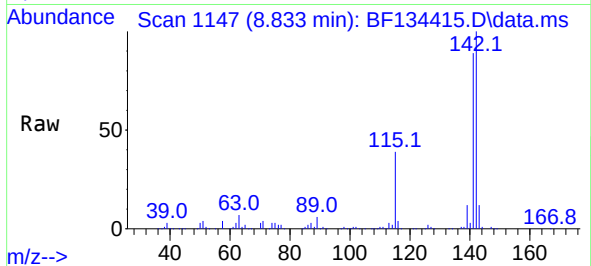
141 89.1 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#38

1-Methylnaphthalene

Concen: 39.813 ng

RT: 8.933 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF134415.D

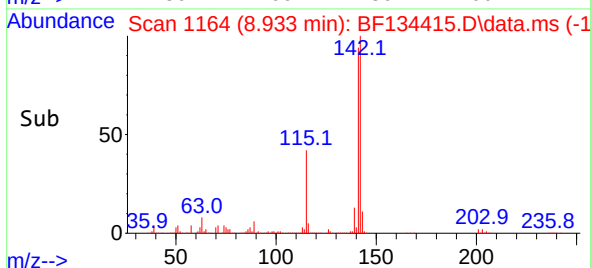
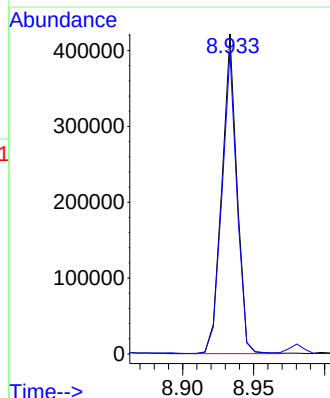
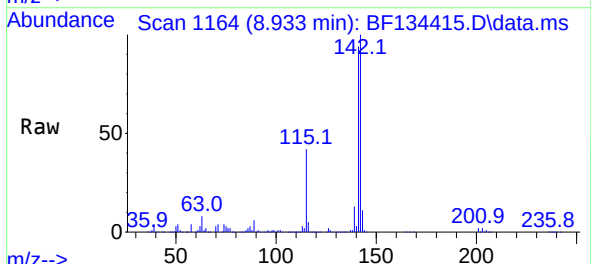
Acq: 22 Jul 2023 11:14

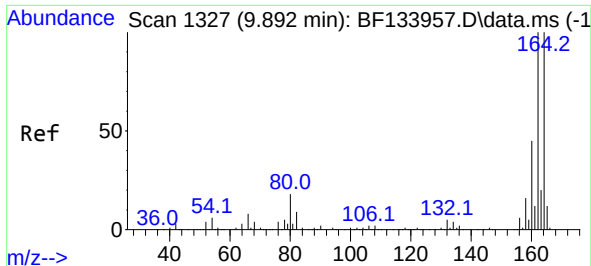
Tgt Ion:142 Resp: 311159

Ion Ratio Lower Upper

142 100

141 94.2 73.5 110.3





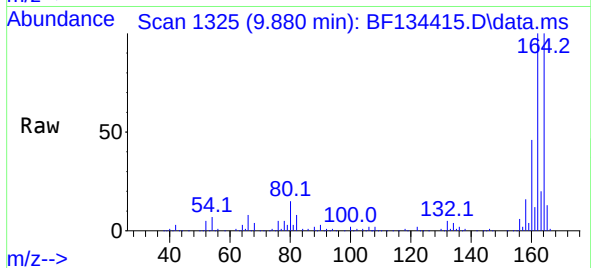
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

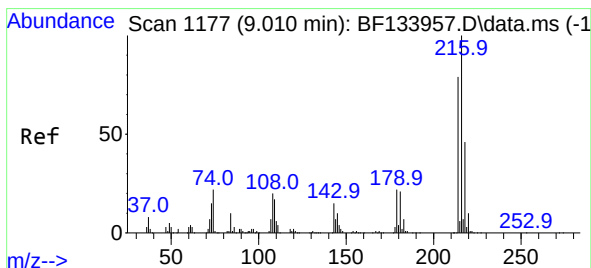
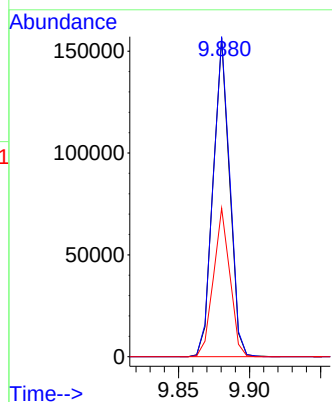
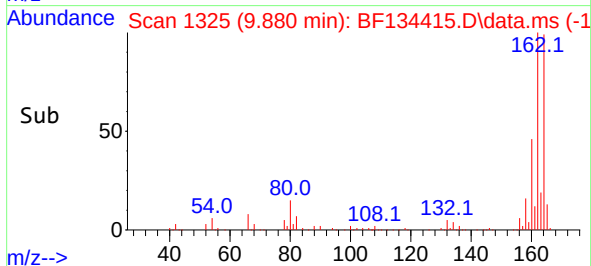


Tgt Ion:164 Resp: 126400
Ion Ratio Lower Upper
164 100
162 100.5 80.0 120.0
160 46.6 35.9 53.9

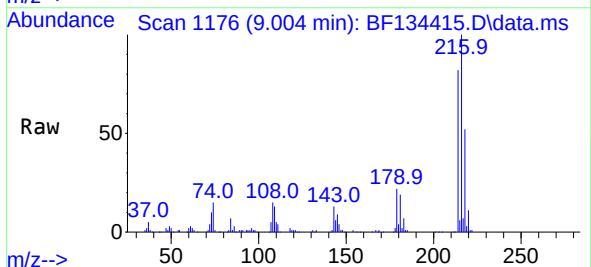
Manual Integrations

APPROVED

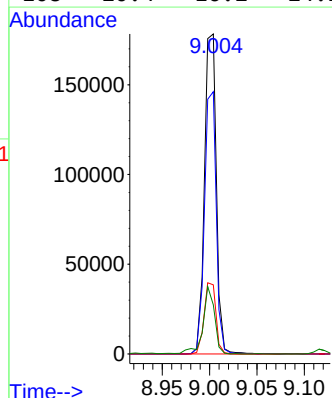
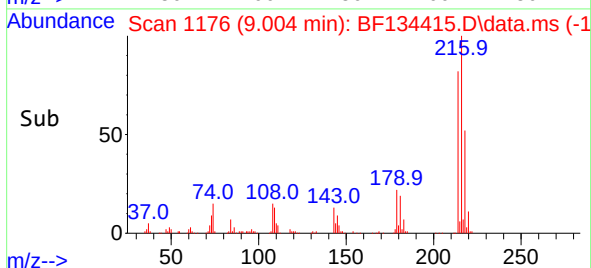
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

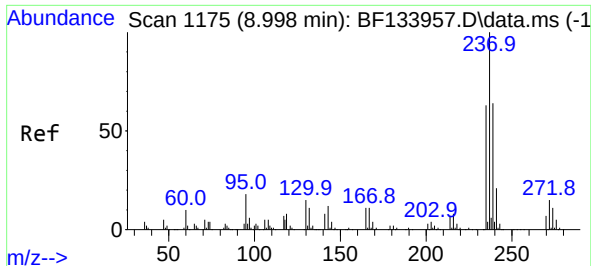


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.429 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14



Tgt Ion:216 Resp: 155148
Ion Ratio Lower Upper
216 100
214 81.4 64.1 96.1
179 22.1 17.3 25.9
108 20.4 16.2 24.2





#41
Hexachlorocyclopentadiene
Concen: 40.387 ng
RT: 8.980 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Instrument :

BNA_F

ClientSampleId :

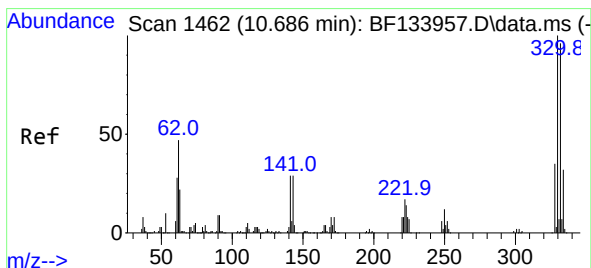
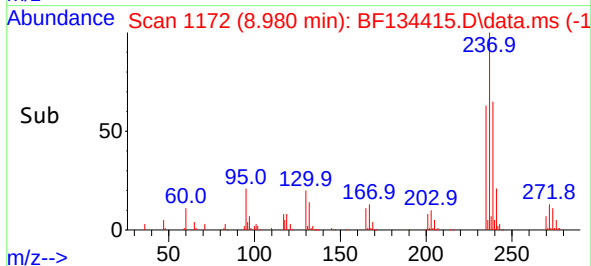
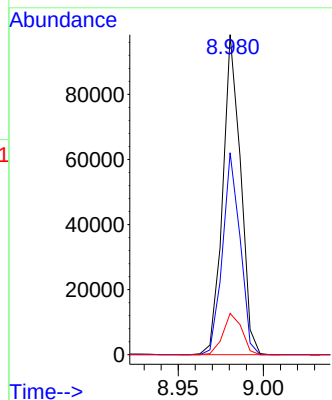
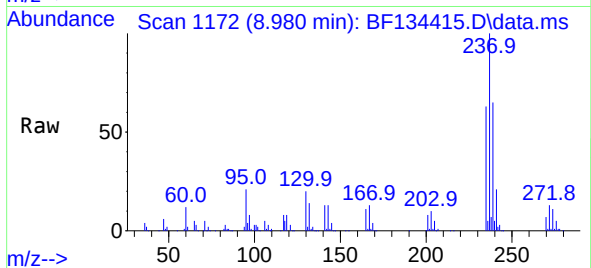
SSTDCCC040

Tgt Ion:237 Resp: 71754
Ion Ratio Lower Upper
237 100
235 63.1 42.8 82.8
272 12.9 0.0 34.6

Manual Integrations

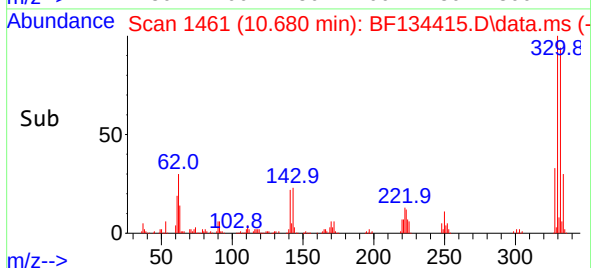
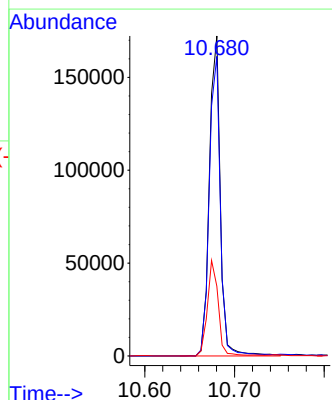
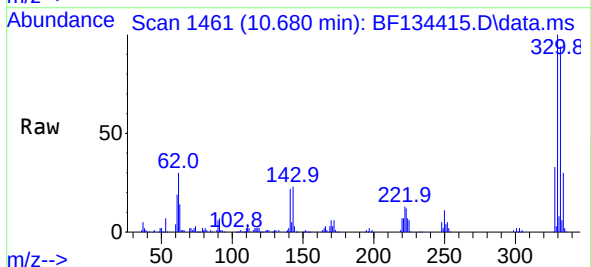
APPROVED

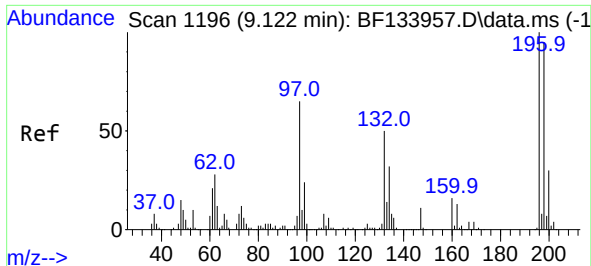
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#42
2,4,6-Tribromophenol
Concen: 91.978 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Tgt Ion:330 Resp: 145770
Ion Ratio Lower Upper
330 100
332 95.2 77.0 115.6
141 29.7 26.3 39.5





#43
2,4,6-Trichlorophenol
Concen: 40.220 ng
RT: 9.116 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Instrument :

BNA_F

ClientSampleId :

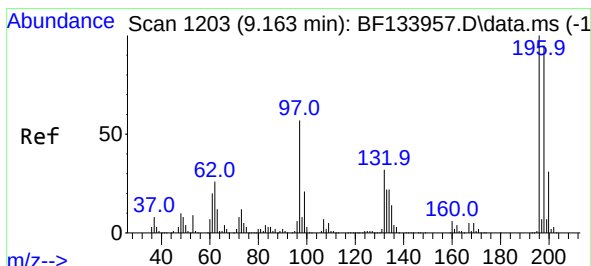
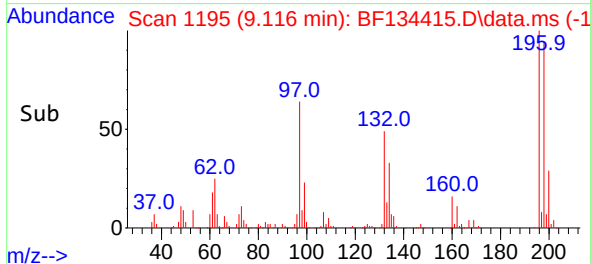
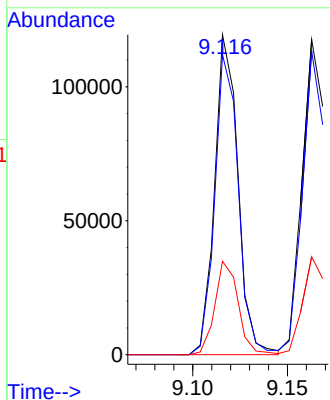
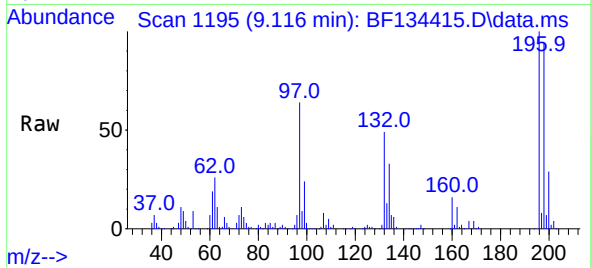
SSTDCCC040

Tgt Ion:196 Resp: 102532
Ion Ratio Lower Upper
196 100
198 93.8 75.6 113.4
200 29.2 24.4 36.6

Manual Integrations

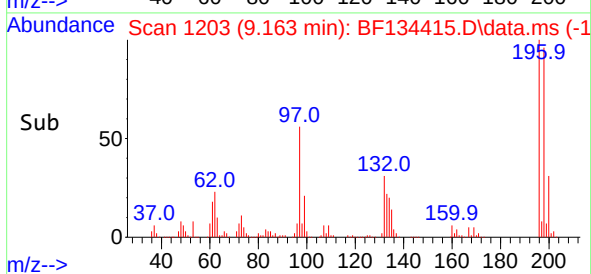
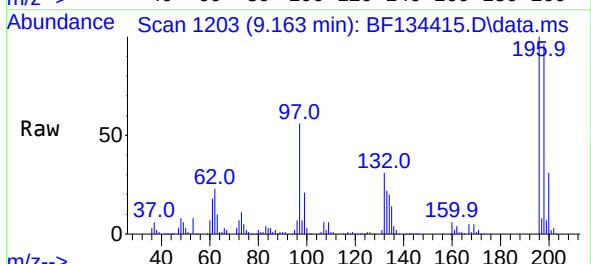
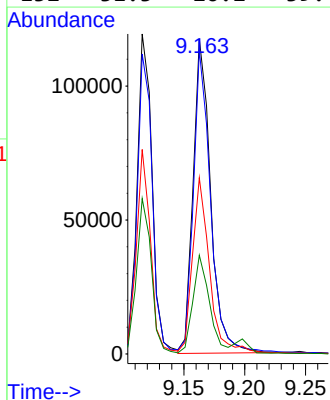
APPROVED

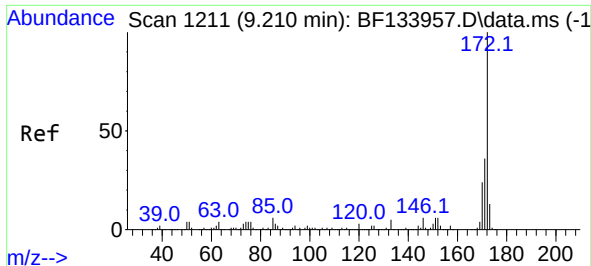
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#44
2,4,5-Trichlorophenol
Concen: 39.089 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Tgt Ion:196 Resp: 117215
Ion Ratio Lower Upper
196 100
198 96.4 75.7 113.5
97 55.9 45.8 68.6
132 31.3 26.2 39.4





#45
2-Fluorobiphenyl
Concen: 85.559 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Instrument :

BNA_F

ClientSampleId :

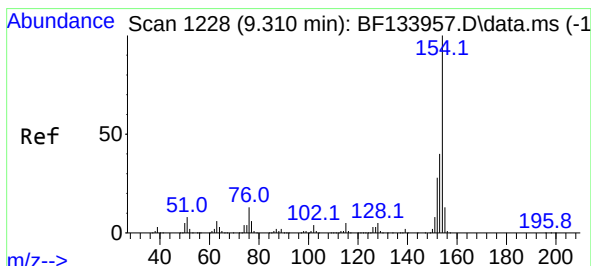
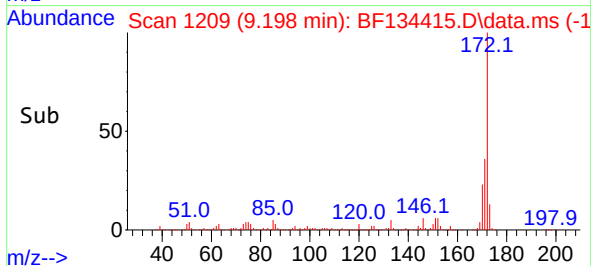
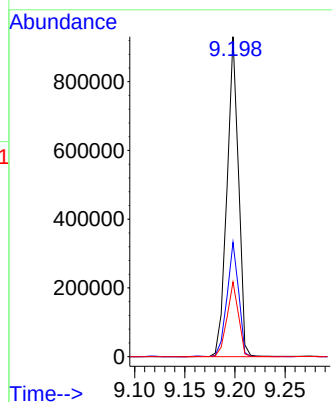
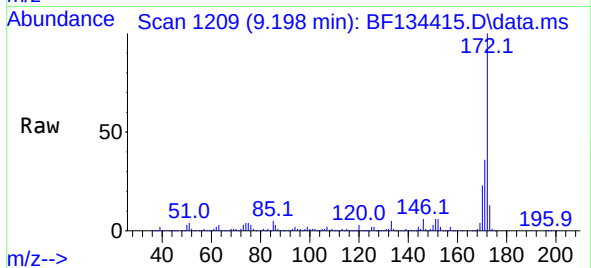
SSTDCCC040

Tgt Ion:172 Resp: 74386
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.3 19.4 29.0

Manual Integrations

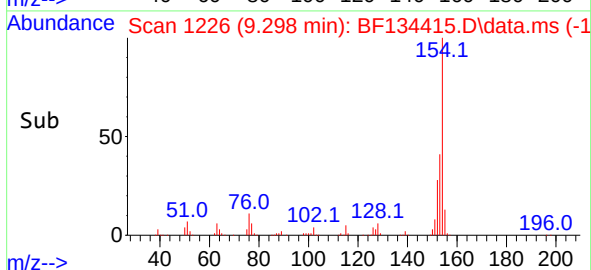
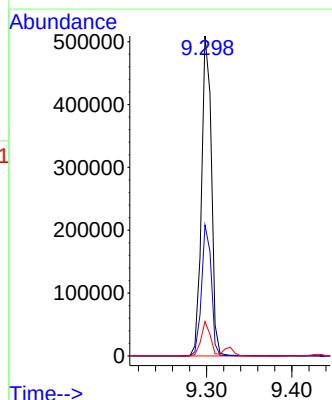
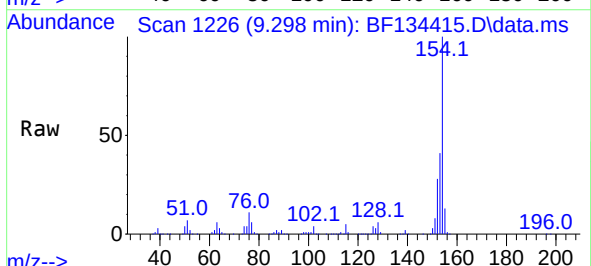
APPROVED

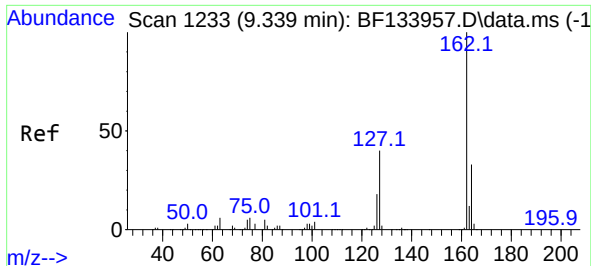
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#46
1,1'-Biphenyl
Concen: 40.517 ng
RT: 9.298 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Tgt Ion:154 Resp: 410821
Ion Ratio Lower Upper
154 100
153 40.9 19.8 59.8
76 10.8 0.0 32.9





#47

2-Chloronaphthalene

Concen: 40.148 ng

RT: 9.327 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF134415.D

Acq: 22 Jul 2023 11:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 29785

Ion Ratio Lower Upper

162 100

127 43.7 32.9 49.3

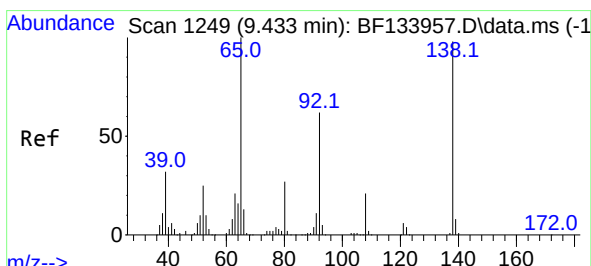
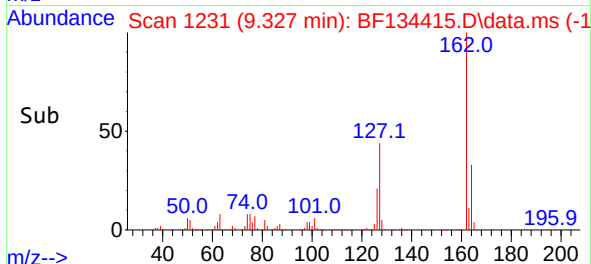
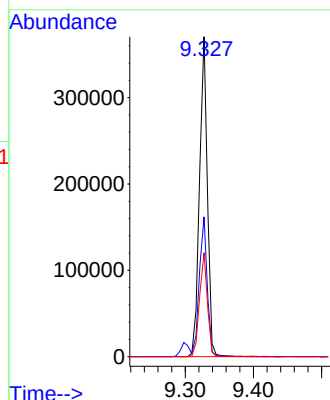
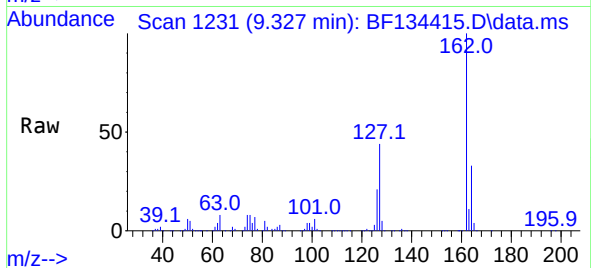
164 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#48

2-Nitroaniline

Concen: 39.621 ng

RT: 9.427 min Scan# 1248

Delta R.T. -0.000 min

Lab File: BF134415.D

Acq: 22 Jul 2023 11:14

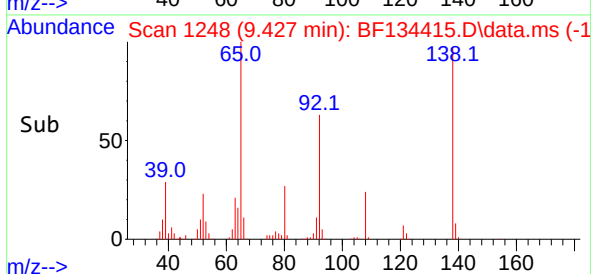
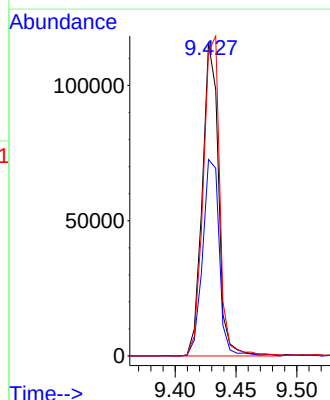
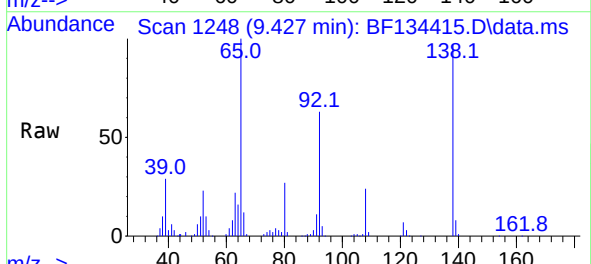
Tgt Ion: 65 Resp: 107125

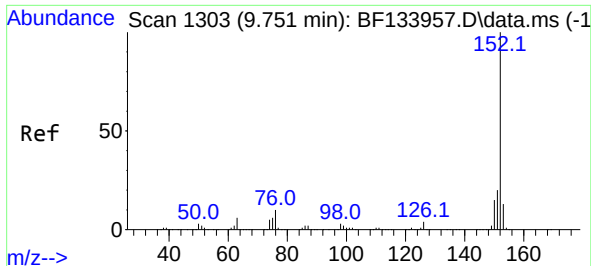
Ion Ratio Lower Upper

65 100

92 62.7 49.5 74.3

138 97.0 78.0 117.0





#49

Acenaphthylene

Concen: 39.586 ng

RT: 9.745 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF134415.D

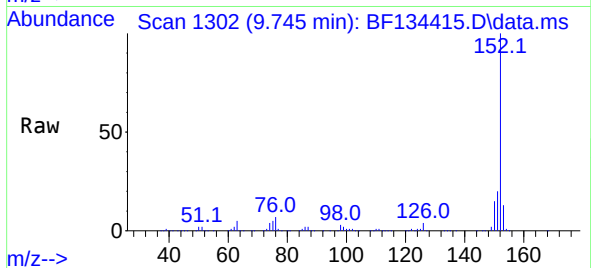
Acq: 22 Jul 2023 11:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:152 Resp: 501678

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.2

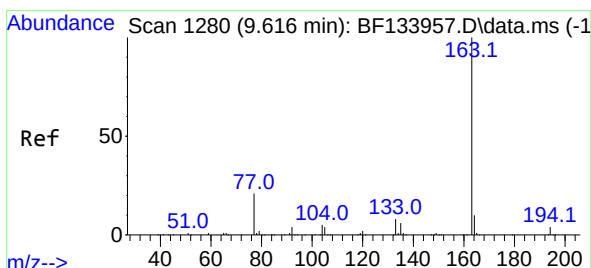
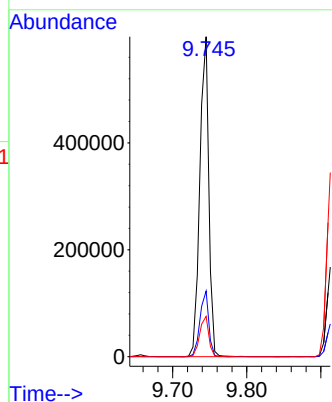
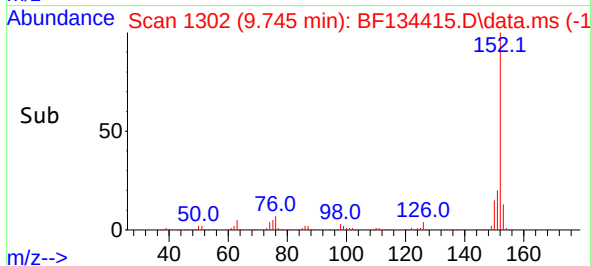
153 12.6 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#50

Dimethylphthalate

Concen: 40.383 ng

RT: 9.604 min Scan# 1278

Delta R.T. -0.000 min

Lab File: BF134415.D

Acq: 22 Jul 2023 11:14

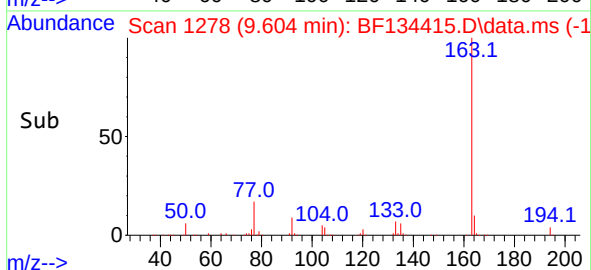
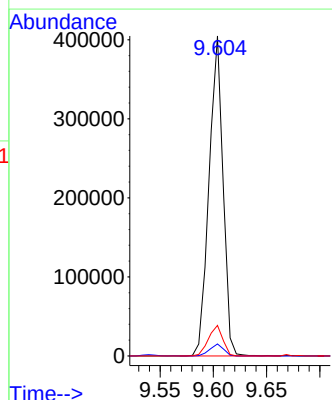
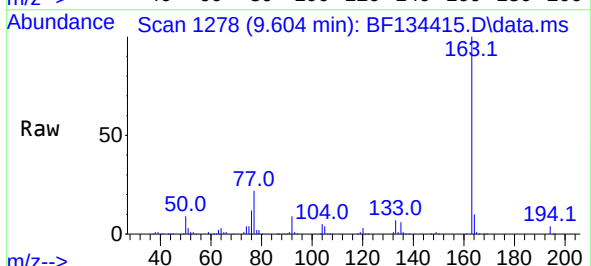
Tgt Ion:163 Resp: 370541

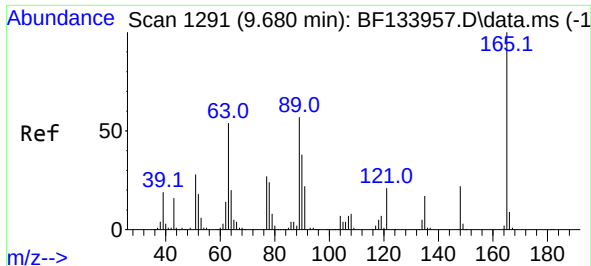
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 9.6 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 41.037 ng
RT: 9.674 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Instrument :

BNA_F

ClientSampleId :

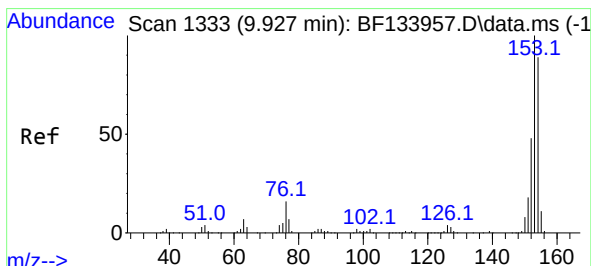
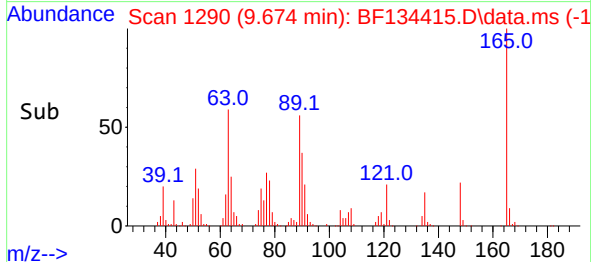
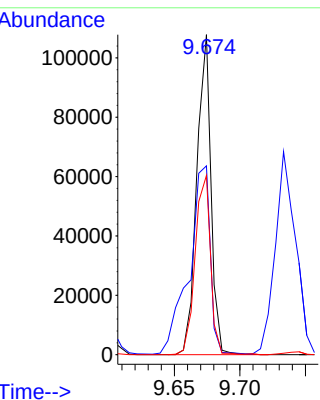
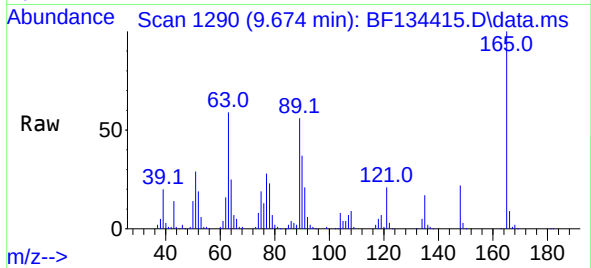
SSTDCCC040

Tgt Ion:165 Resp: 8110
Ion Ratio Lower Upper
165 100
63 59.0 48.5 72.7
89 56.0 45.5 68.3

Manual Integrations

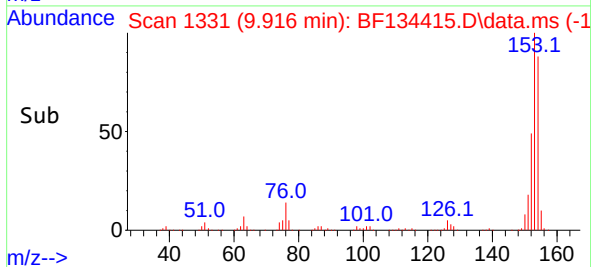
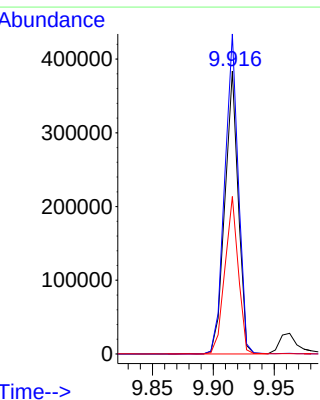
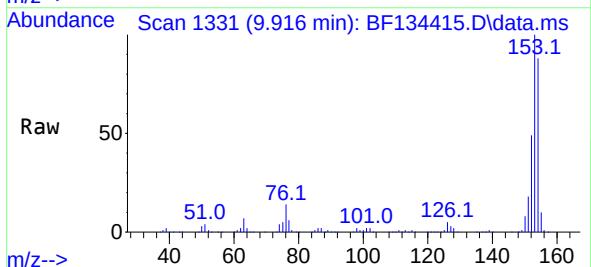
APPROVED

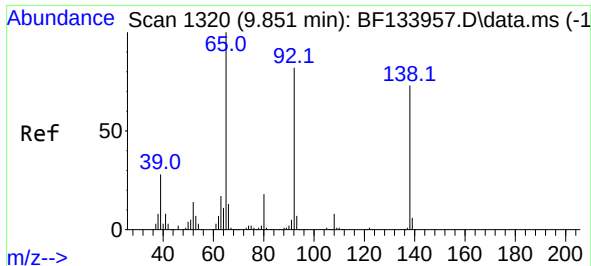
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#52
Acenaphthene
Concen: 40.231 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Tgt Ion:154 Resp: 295841
Ion Ratio Lower Upper
154 100
153 113.1 89.4 134.2
152 55.7 42.8 64.2





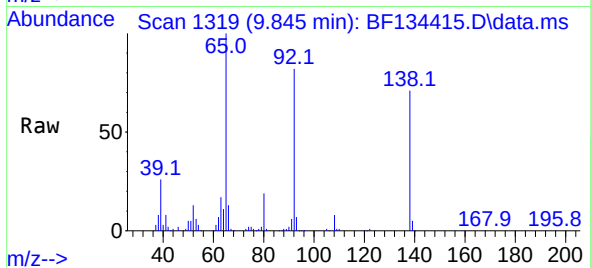
#53
3-Nitroaniline
Concen: 38.797 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



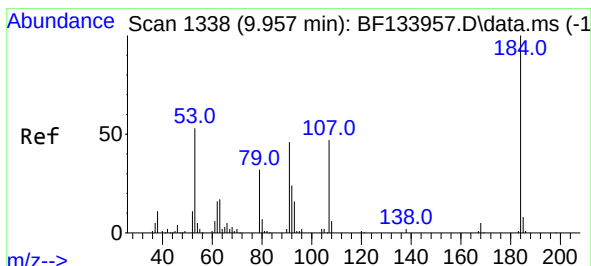
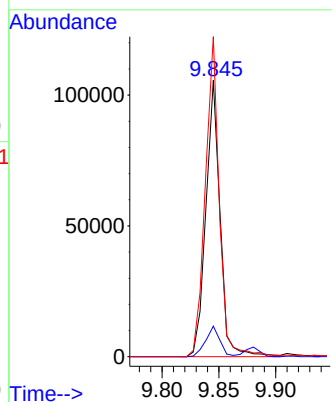
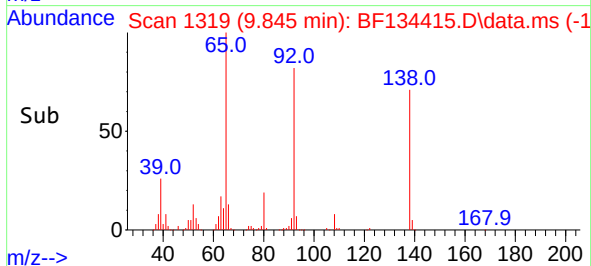
Tgt Ion:138 Resp: 91984
Ion Ratio Lower Upper
138 100
108 11.1 8.4 12.6
92 115.8 90.1 135.1

Manual Integrations

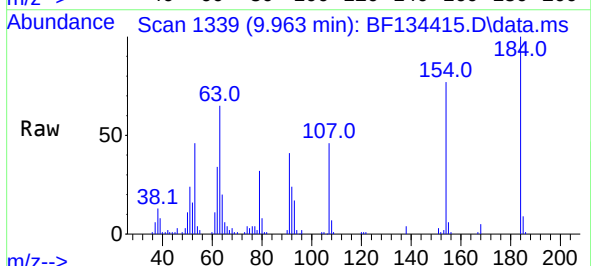
APPROVED

Reviewed By :Yogesh Patel 07/25/2023

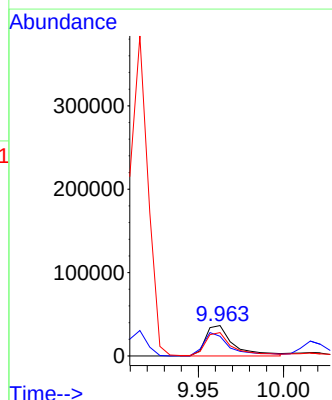
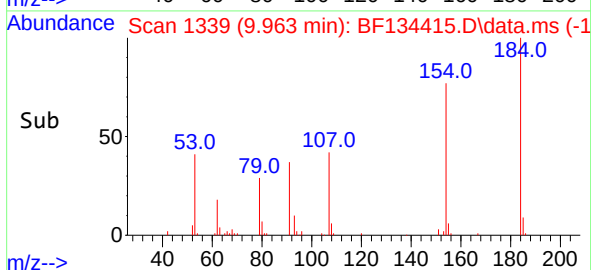
Supervised By :mohammad ahmed 07/25/2023

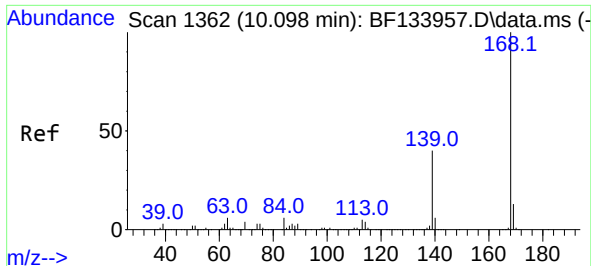


#54
2,4-Dinitrophenol
Concen: 38.536 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14



Tgt Ion:184 Resp: 41580
Ion Ratio Lower Upper
184 100
63 65.1 56.9 85.3
154 77.1 55.4 83.0





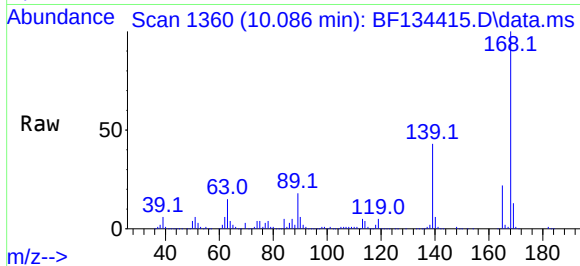
#55
Dibenzenofuran
Concen: 39.485 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

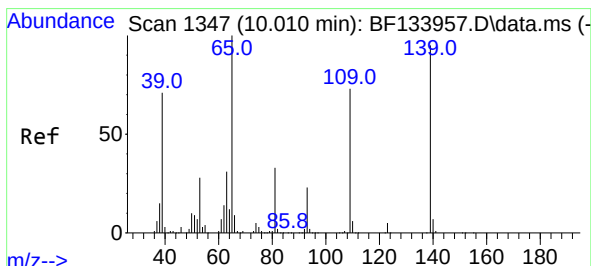
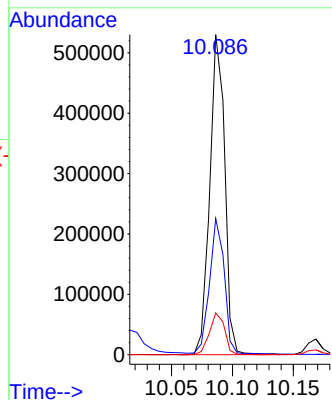
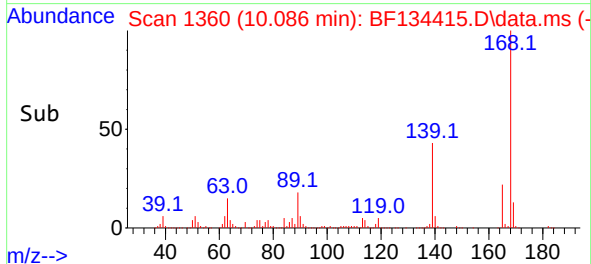


Tgt Ion:168 Resp: 453782
Ion Ratio Lower Upper
168 100
139 42.6 32.0 48.0
169 13.1 10.6 16.0

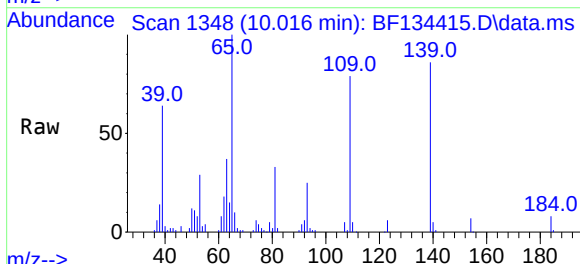
Manual Integrations

APPROVED

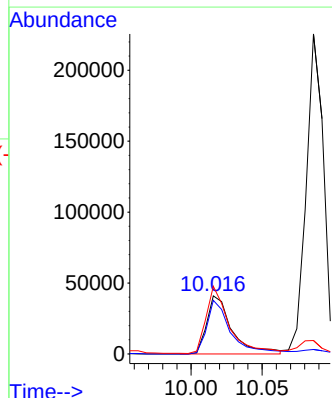
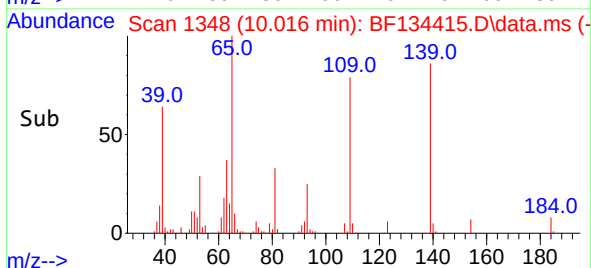
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

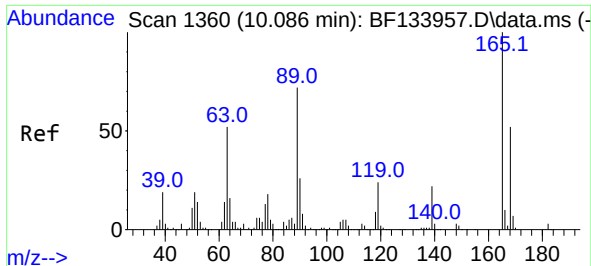


#56
4-Nitrophenol
Concen: 30.481 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14



Tgt Ion:139 Resp: 50549
Ion Ratio Lower Upper
139 100
109 92.2 56.8 96.8
65 116.6 86.1 126.1





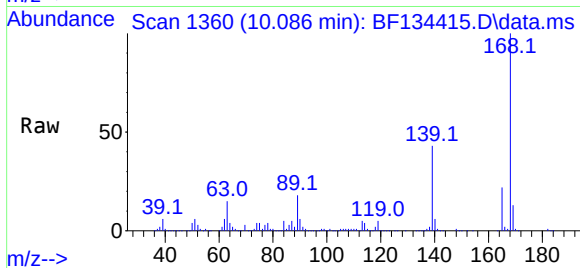
#57
2,4-Dinitrotoluene
Concen: 41.245 ng
RT: 10.086 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

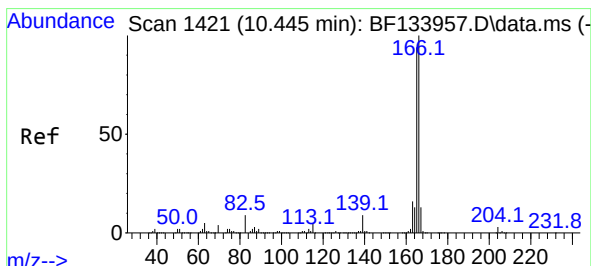
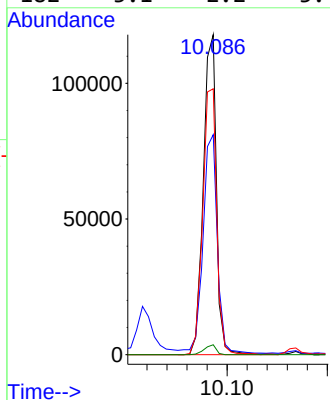
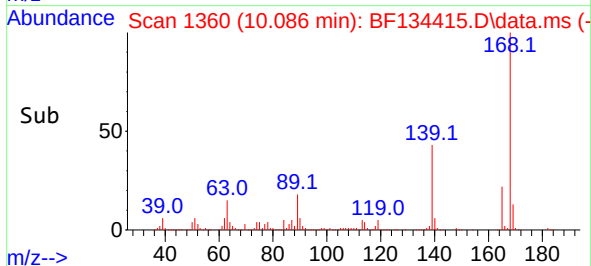


Tgt Ion:165 Resp: 107640
Ion Ratio Lower Upper
165 100
63 68.7 42.2 63.2
89 83.1 57.4 86.2
182 3.1 2.2 3.4

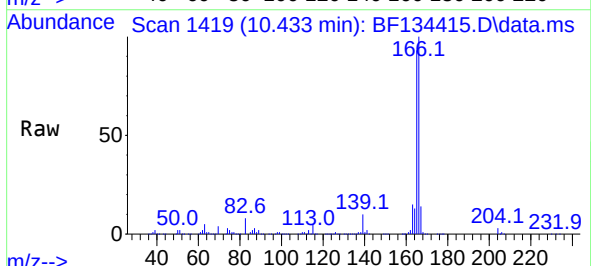
Manual Integrations

APPROVED

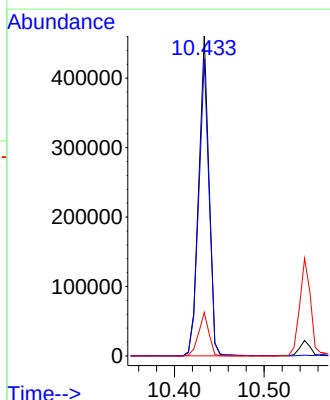
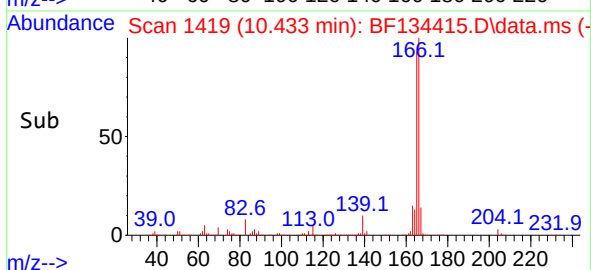
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

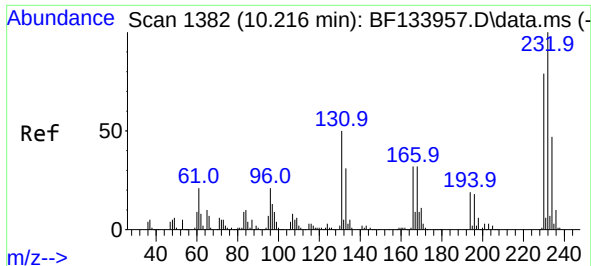


#58
Fluorene
Concen: 41.090 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14



Tgt Ion:166 Resp: 367394
Ion Ratio Lower Upper
166 100
165 92.9 75.0 112.4
167 13.6 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.426 ng m
RT: 10.210 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Instrument :

BNA_F

ClientSampleId :

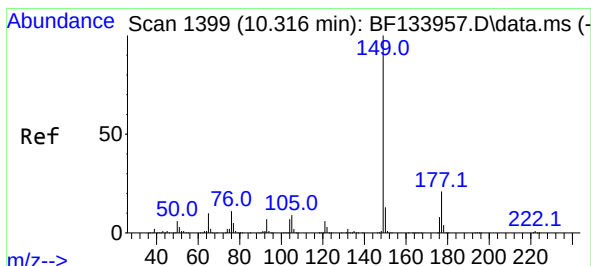
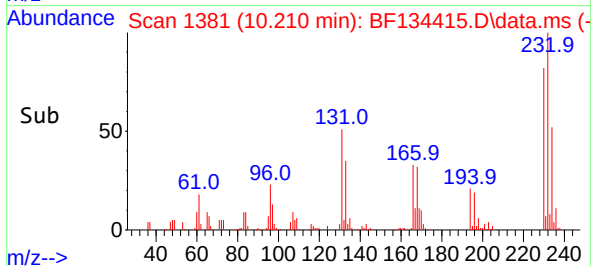
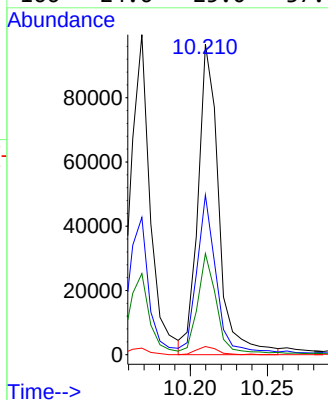
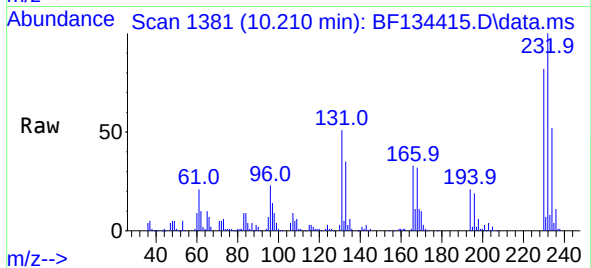
SSTDCCC040

Tgt Ion:232 Resp: 9089
Ion Ratio Lower Upper
232 100
131 41.2 39.3 58.9
130 2.1 1.8 2.6
166 24.6 25.0 37.6#

Manual Integrations

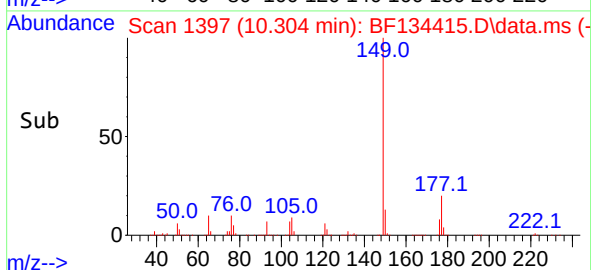
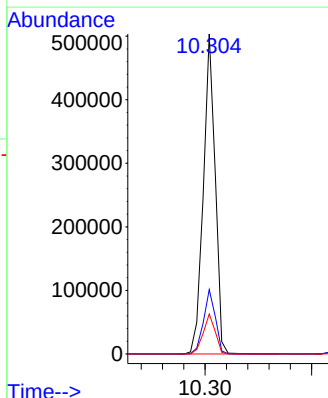
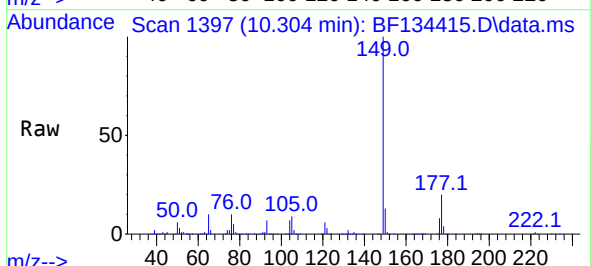
APPROVED

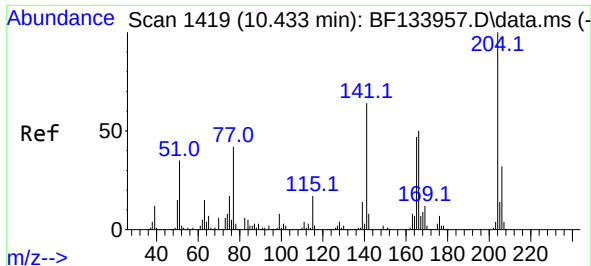
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#60
Diethylphthalate
Concen: 40.609 ng
RT: 10.304 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Tgt Ion:149 Resp: 388204
Ion Ratio Lower Upper
149 100
177 20.1 17.0 25.6
150 12.5 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 40.720 ng
RT: 10.421 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Instrument :

BNA_F

ClientSampleId :

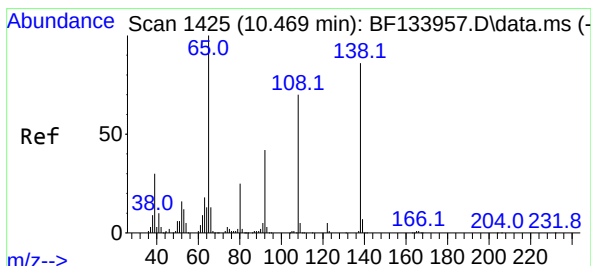
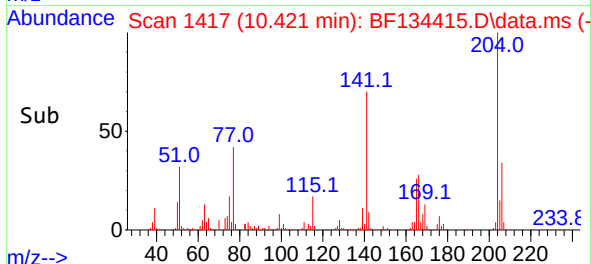
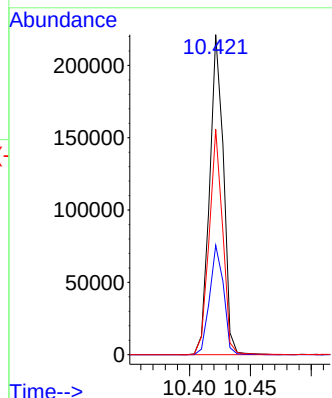
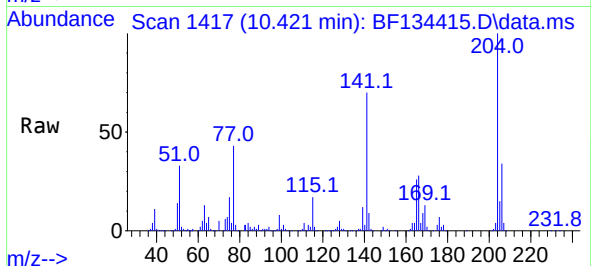
SSTDCCC040

Tgt Ion:204 Resp: 175458
Ion Ratio Lower Upper
204 100
206 34.2 25.8 38.6
141 70.5 51.5 77.3

Manual Integrations

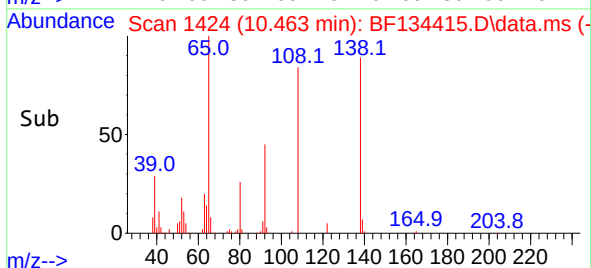
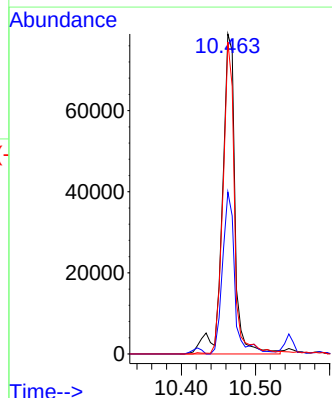
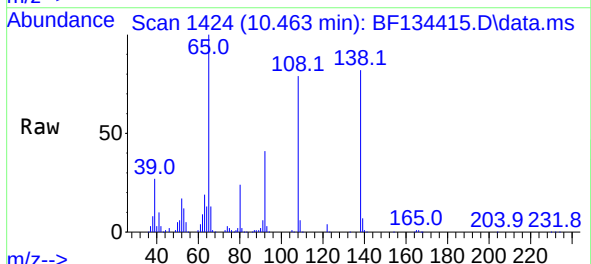
APPROVED

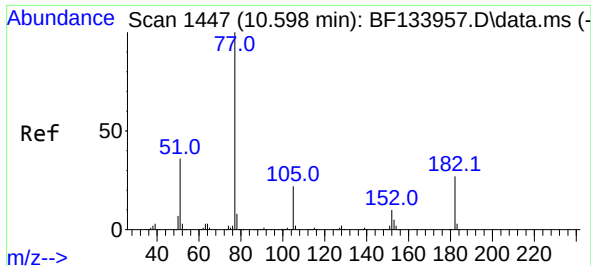
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#62
4-Nitroaniline
Concen: 39.301 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Tgt Ion:138 Resp: 93905
Ion Ratio Lower Upper
138 100
92 50.6 29.7 69.7
108 97.5 62.1 102.1





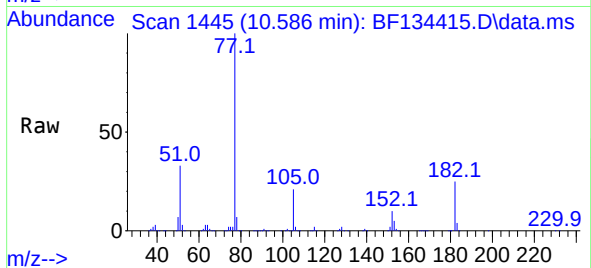
#63
Azobenzene
Concen: 38.560 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

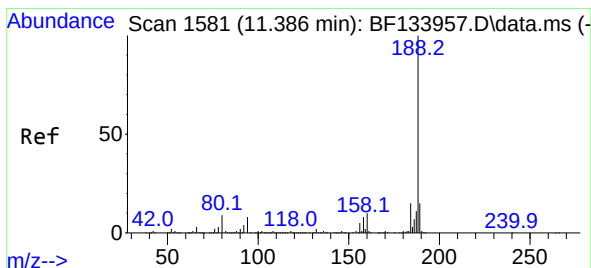
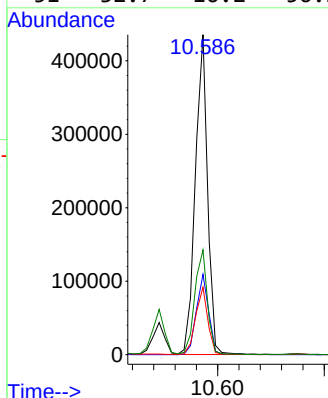
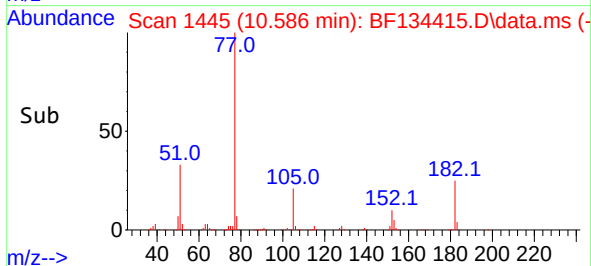


Tgt Ion: 77 Resp: 34868
Ion Ratio Lower Upper
77 100
182 25.1 6.8 46.8
105 21.1 2.3 42.3
51 32.7 16.2 56.2

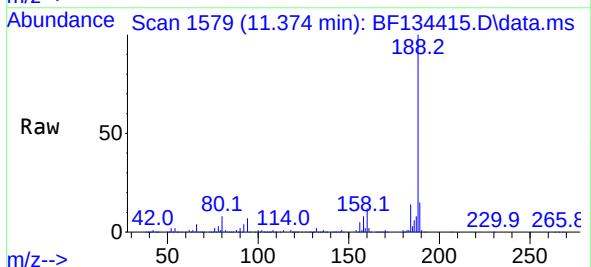
Manual Integrations

APPROVED

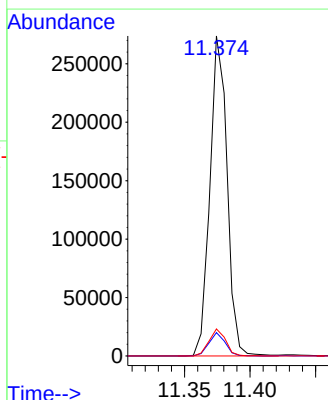
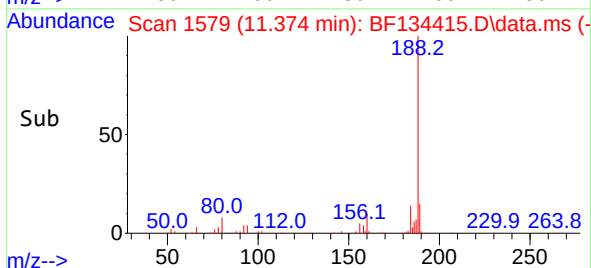
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

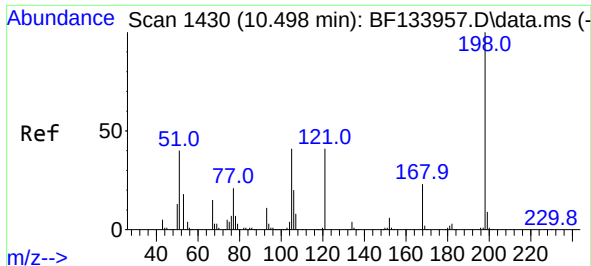


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14



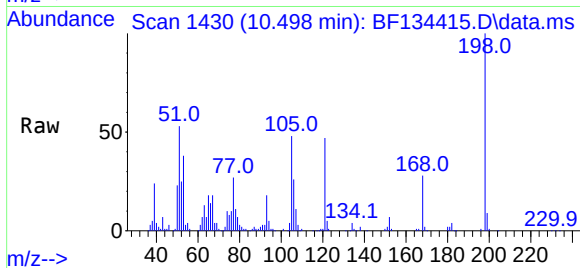
Tgt Ion:188 Resp: 249993
Ion Ratio Lower Upper
188 100
94 7.3 6.4 9.6
80 8.5 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 43.014 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

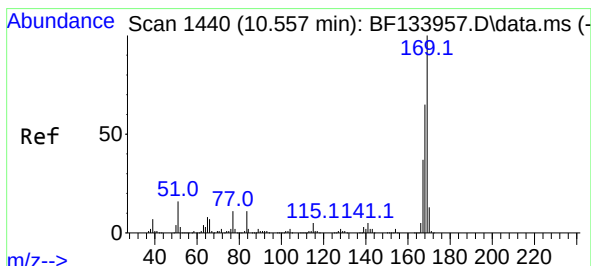
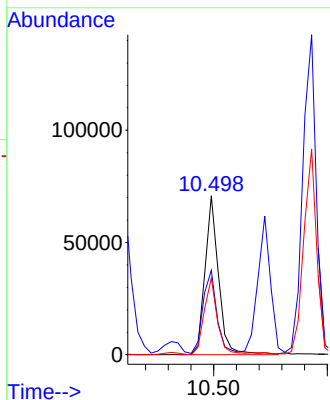
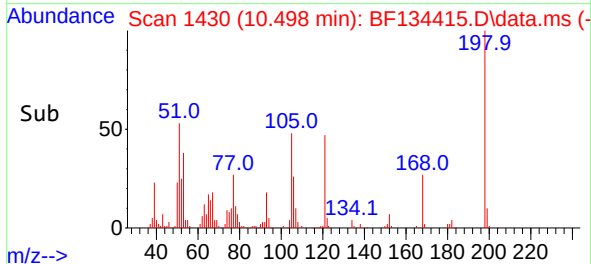
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



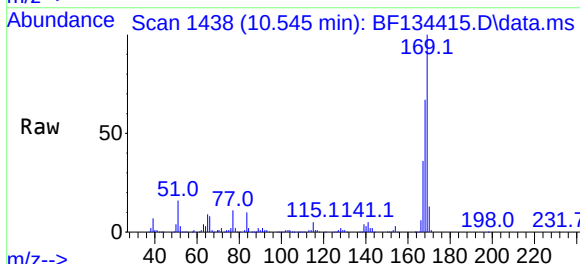
Tgt Ion:198 Resp: 58620
Ion Ratio Lower Upper
198 100
51 53.1 29.3 69.3
105 48.1 22.4 62.4

Manual Integrations
APPROVED

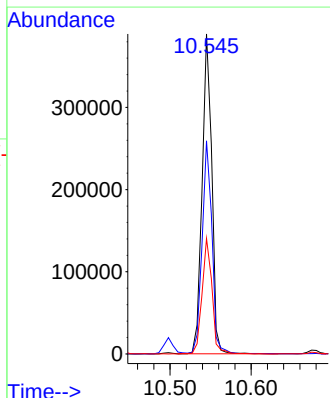
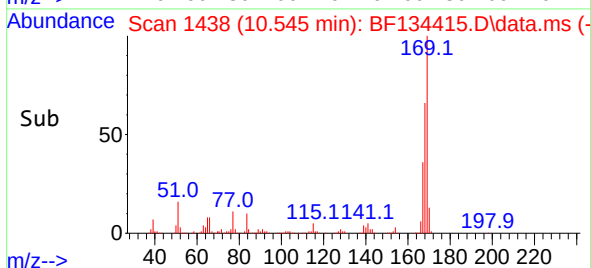
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

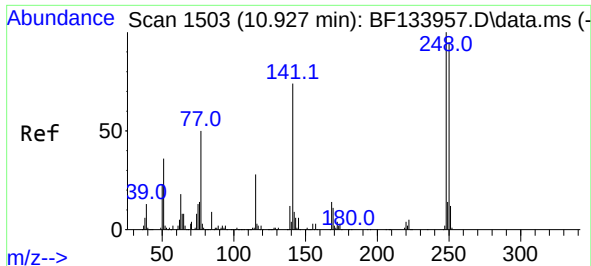


#66
n-Nitrosodiphenylamine
Concen: 40.256 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14



Tgt Ion:169 Resp: 321541
Ion Ratio Lower Upper
169 100
168 66.6 52.3 78.5
167 36.1 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 42.146 ng
RT: 10.916 min Scan# 11198
Delta R.T. -0.000 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Instrument :

BNA_F

ClientSampleId :

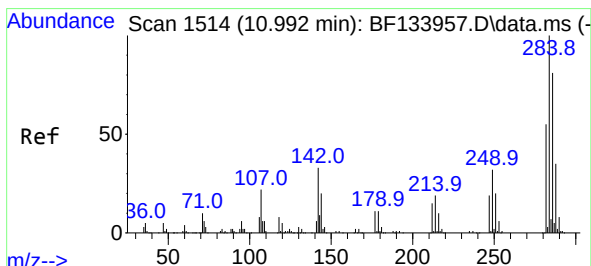
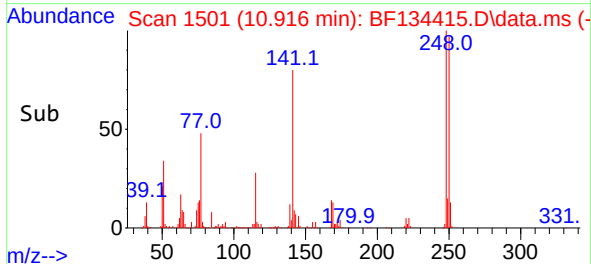
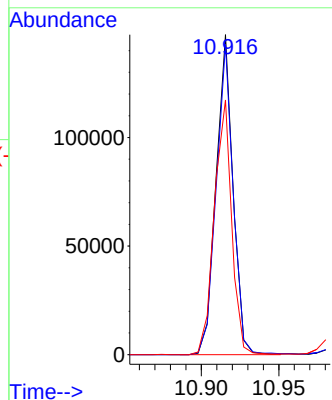
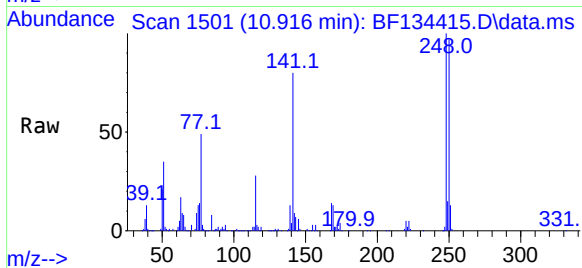
SSTDCCC040

Tgt Ion:248 Resp: 11198
Ion Ratio Lower Upper
248 100
250 97.0 76.2 114.4
141 79.6 59.0 88.4

Manual Integrations

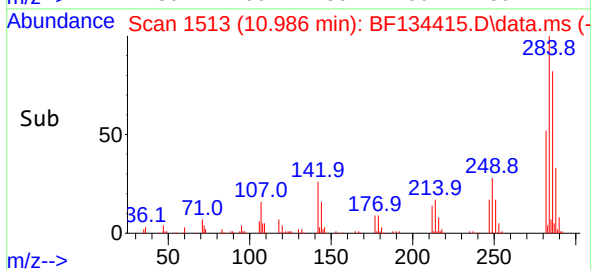
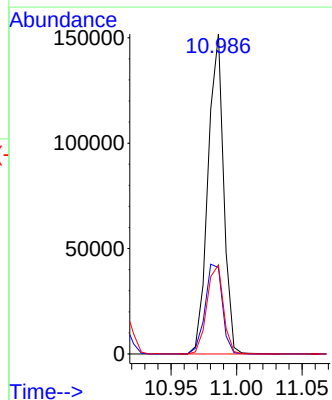
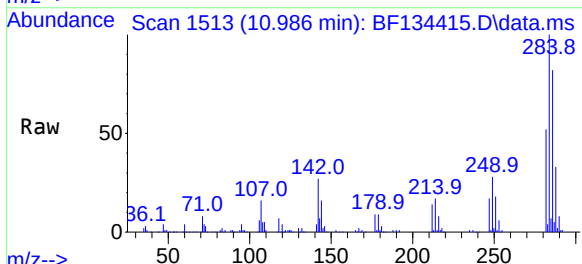
APPROVED

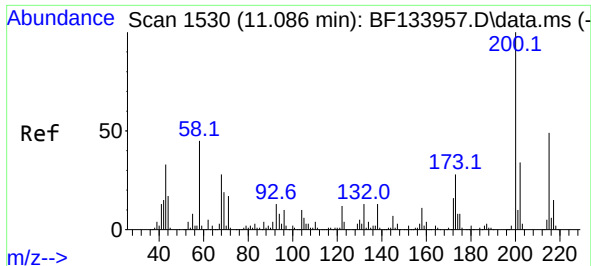
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#68
Hexachlorobenzene
Concen: 44.634 ng
RT: 10.986 min Scan# 1513
Delta R.T. -0.000 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

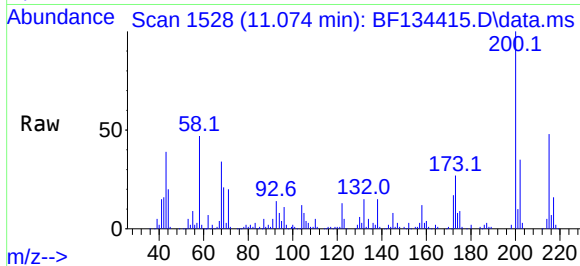
Tgt Ion:284 Resp: 125924
Ion Ratio Lower Upper
284 100
142 27.0 26.6 40.0
249 27.8 25.5 38.3





#69
Atrazine
Concen: 40.426 ng
RT: 11.074 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

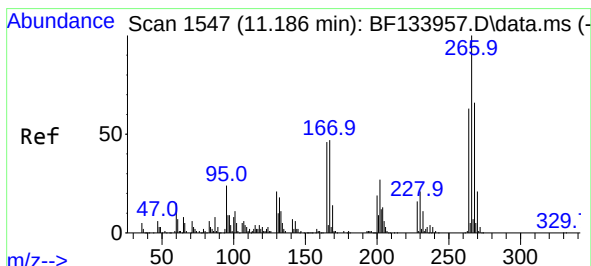
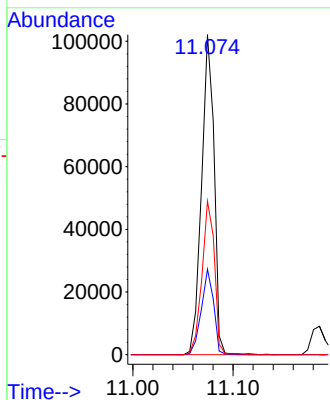
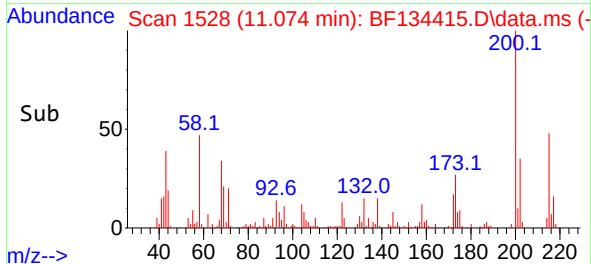
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



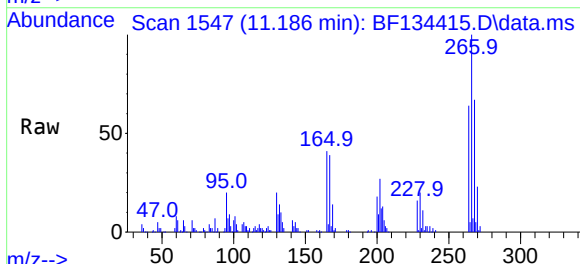
Tgt Ion:200 Resp: 89315
Ion Ratio Lower Upper
200 100
173 26.7 8.0 48.0
215 48.0 29.3 69.3

Manual Integrations
APPROVED

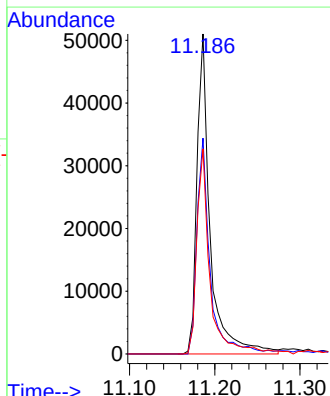
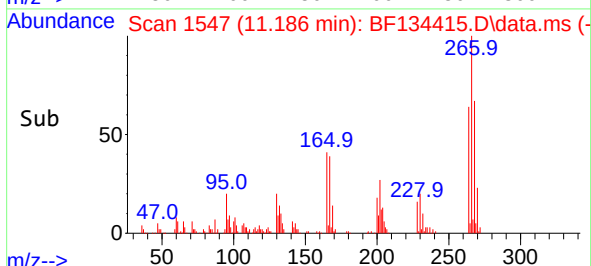
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

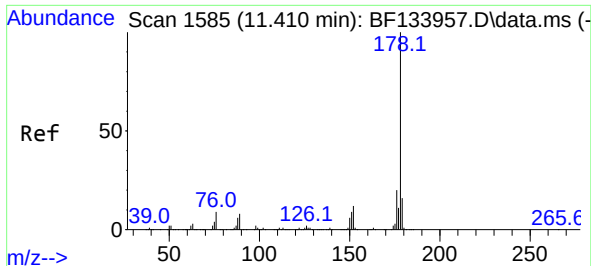


#70
Pentachlorophenol
Concen: 32.580 ng
RT: 11.186 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14



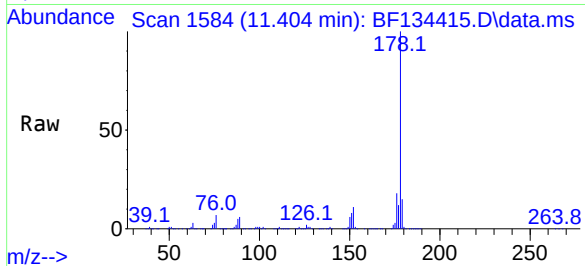
Tgt Ion:266 Resp: 54958
Ion Ratio Lower Upper
266 100
268 67.5 52.6 79.0
264 64.1 50.6 76.0





#71
Phenanthrene
Concen: 41.010 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

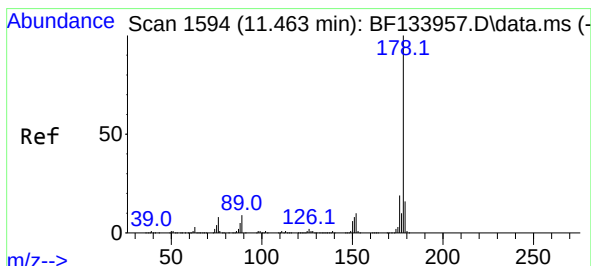
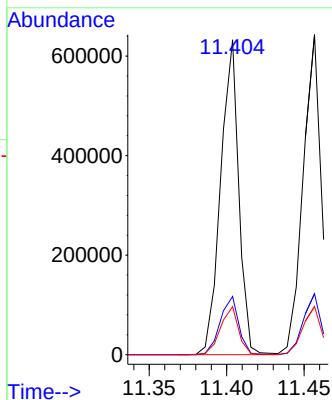
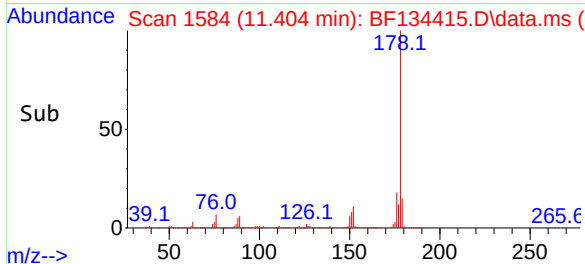
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:178 Resp: 51611
Ion Ratio Lower Upper
178 100
176 18.5 16.0 24.0
179 15.2 12.4 18.6

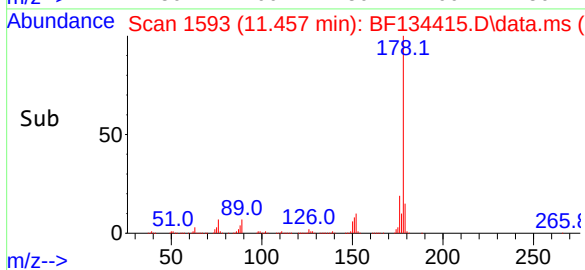
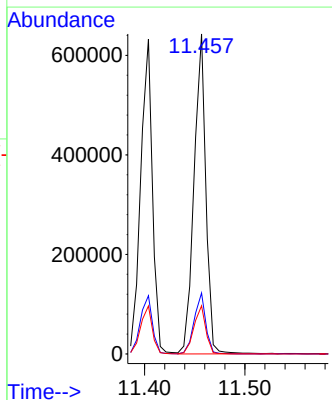
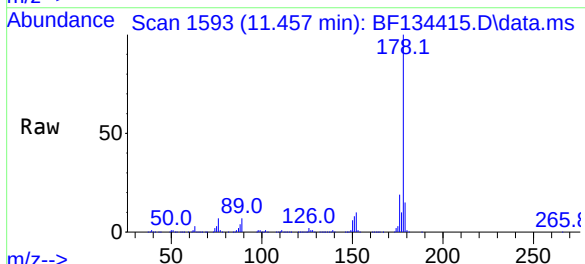
Manual Integrations
APPROVED

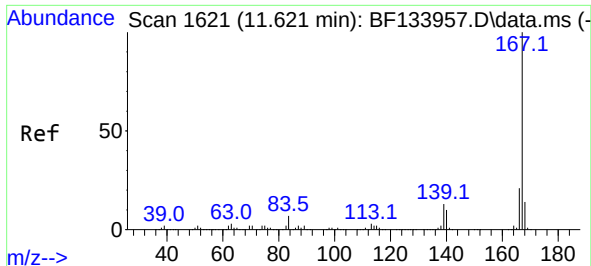
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#72
Anthracene
Concen: 40.395 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Tgt Ion:178 Resp: 528769
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.1 12.4 18.6





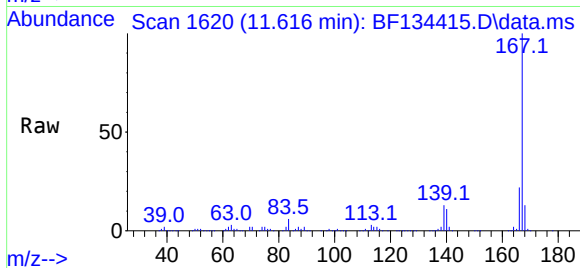
#73
 Carbazole
 Concen: 40.778 ng
 RT: 11.616 min Scan# 1620
 Delta R.T. -0.000 min
 Lab File: BF134415.D
 Acq: 22 Jul 2023 11:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

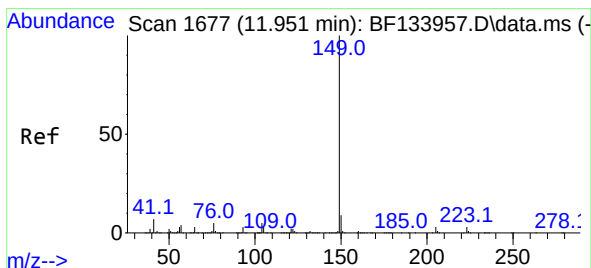
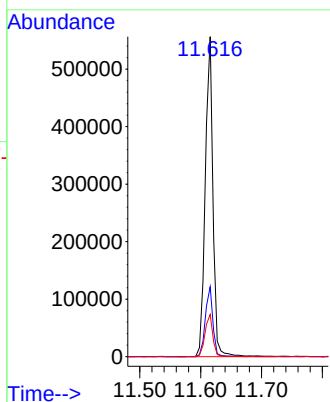
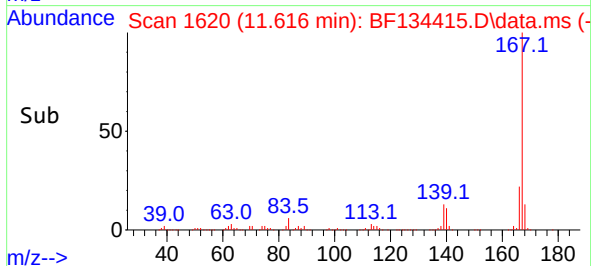


Tgt Ion:167 Resp: 488572
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.0 25.6
 139 13.2 10.4 15.6

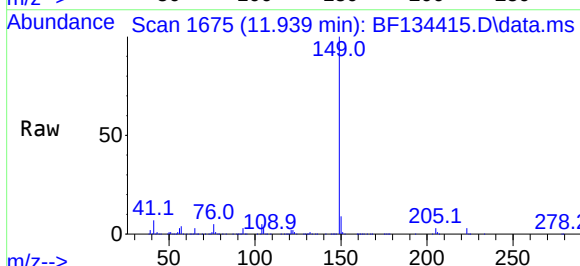
Manual Integrations

APPROVED

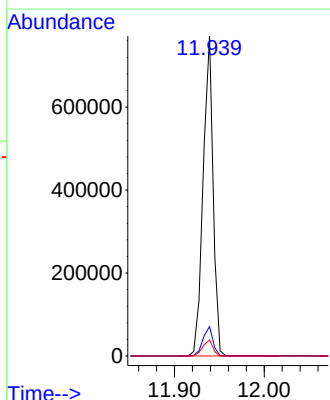
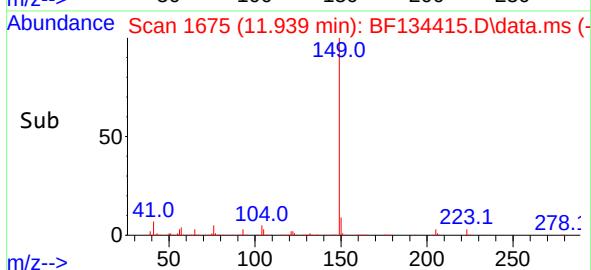
Reviewed By :Yogesh Patel 07/25/2023
 Supervised By :mohammad ahmed 07/25/2023

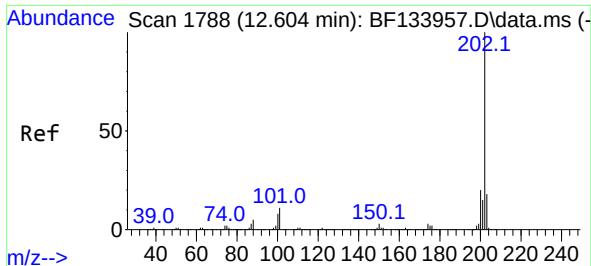


#74
 Di-n-butylphthalate
 Concen: 41.817 ng
 RT: 11.939 min Scan# 1675
 Delta R.T. -0.000 min
 Lab File: BF134415.D
 Acq: 22 Jul 2023 11:14



Tgt Ion:149 Resp: 595807
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.1 10.7
 104 5.1 4.0 6.0





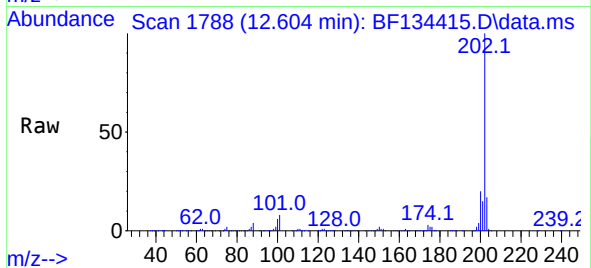
#75
Fluoranthene
Concen: 42.363 ng
RT: 12.604 min Scan# 1788
Delta R.T. 0.006 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



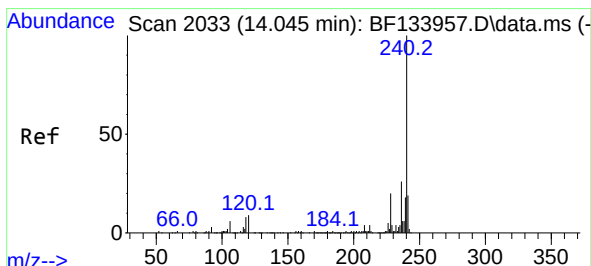
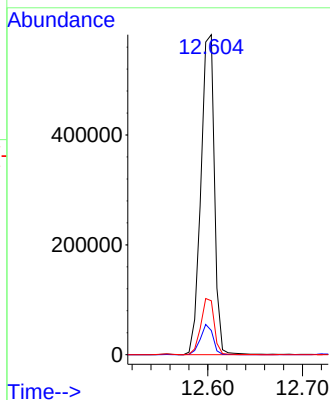
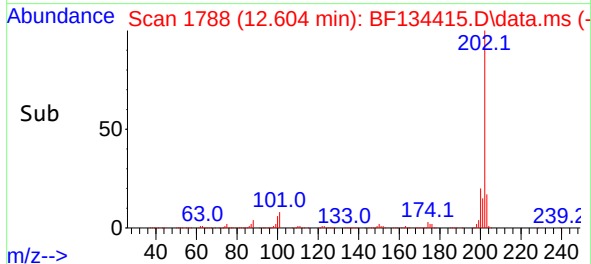
Tgt Ion:202 Resp: 57637
Ion Ratio Lower Upper
202 100
101 7.6 0.0 31.0
203 16.9 0.0 37.6

Manual Integrations

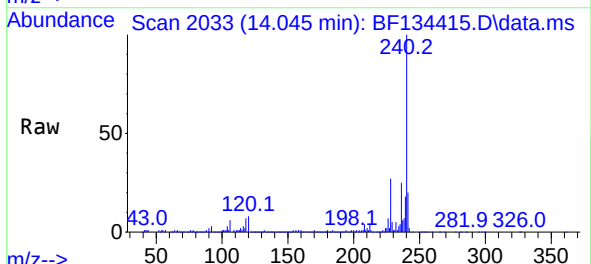
APPROVED

Reviewed By :Yogesh Patel 07/25/2023

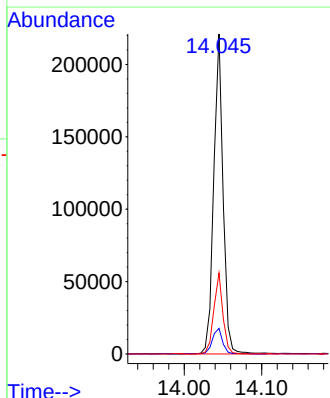
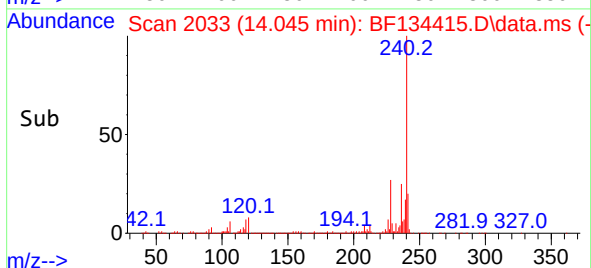
Supervised By :mohammad ahmed 07/25/2023

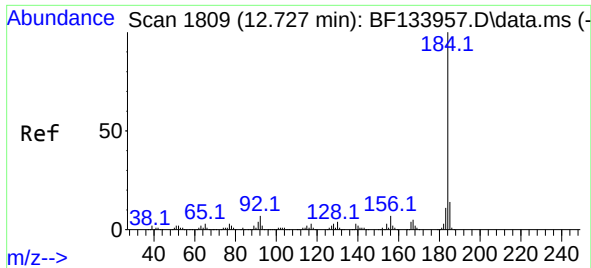


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.006 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14



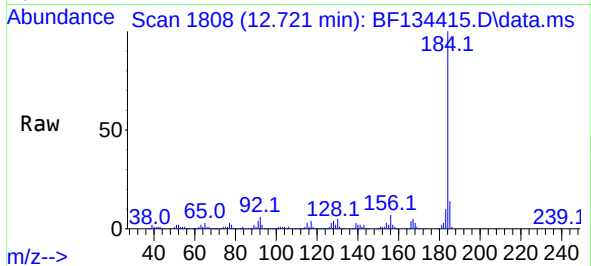
Tgt Ion:240 Resp: 185439
Ion Ratio Lower Upper
240 100
120 8.0 7.4 11.0
236 25.3 21.0 31.6





#77
Benzidine
Concen: 36.162 ng
RT: 12.721 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

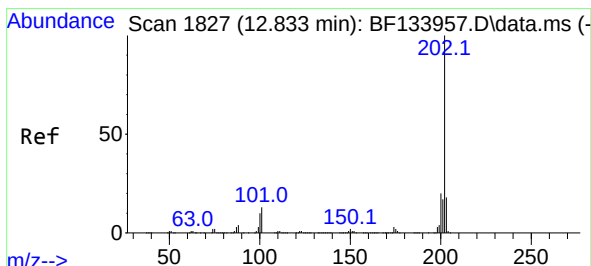
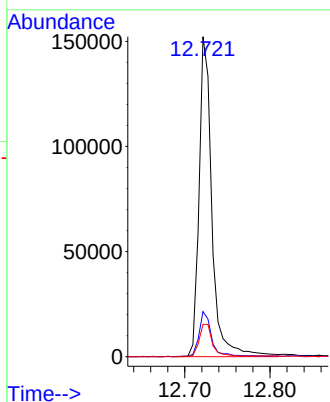
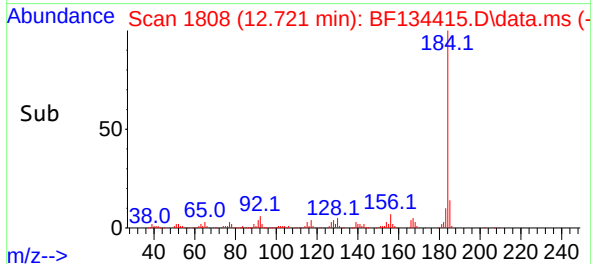
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:184 Resp: 159562
Ion Ratio Lower Upper
184 100
185 14.1 11.6 17.4
183 10.1 8.8 13.2

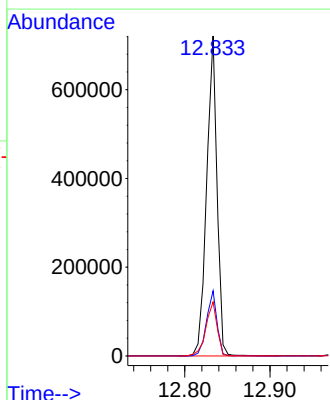
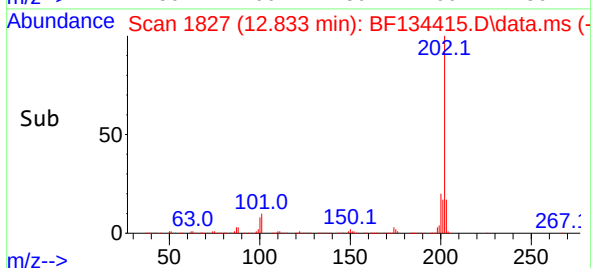
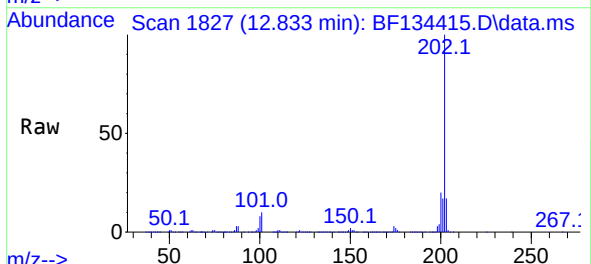
Manual Integrations
APPROVED

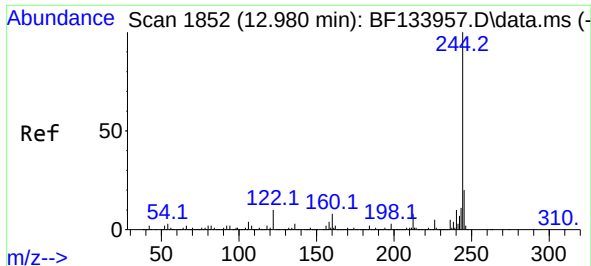
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#78
Pyrene
Concen: 35.276 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Tgt Ion:202 Resp: 608786
Ion Ratio Lower Upper
202 100
200 20.4 16.1 24.1
203 16.9 14.3 21.5





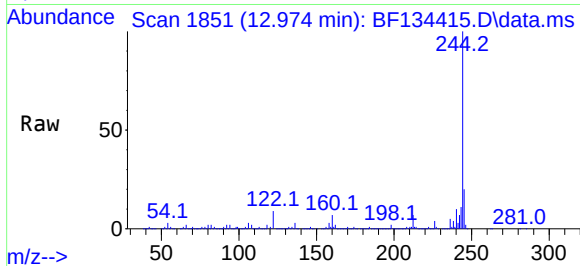
#79
 Terphenyl-d14
 Concen: 74.615 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF134415.D
 Acq: 22 Jul 2023 11:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

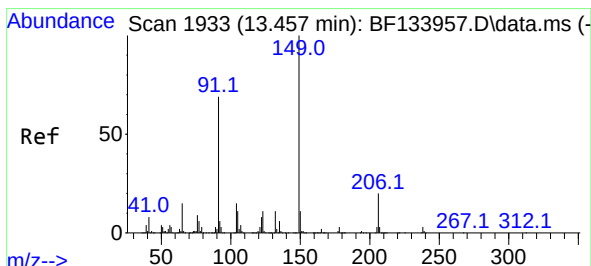
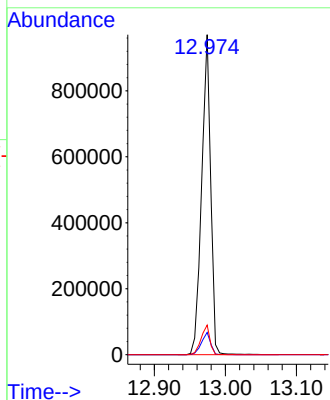
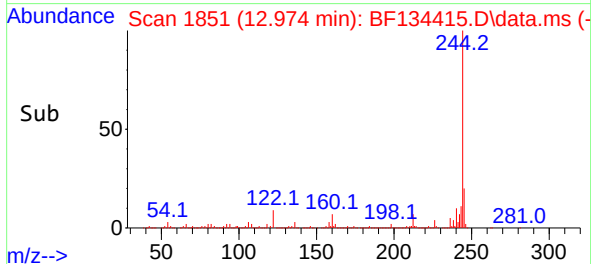


Tgt Ion:244 Resp: 859718
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.2 8.3 12.5

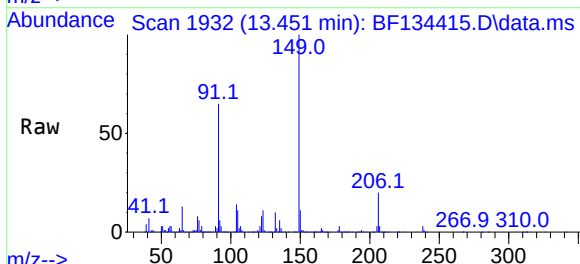
Manual Integrations

APPROVED

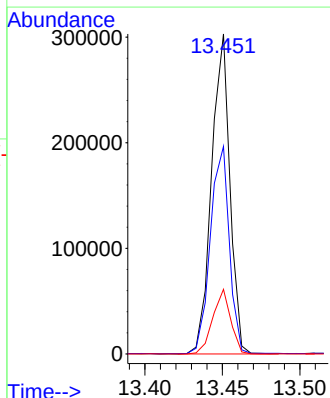
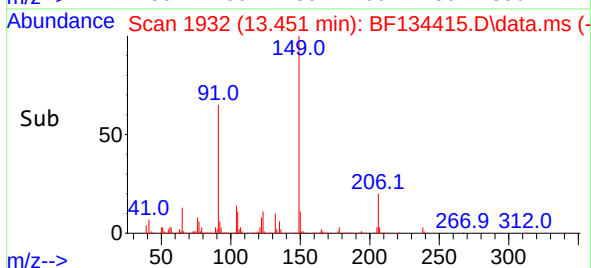
Reviewed By :Yogesh Patel 07/25/2023
 Supervised By :mohammad ahmed 07/25/2023

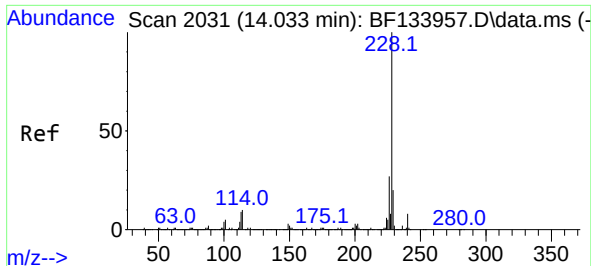


#80
 Butylbenzylphthalate
 Concen: 38.530 ng
 RT: 13.451 min Scan# 1932
 Delta R.T. -0.000 min
 Lab File: BF134415.D
 Acq: 22 Jul 2023 11:14



Tgt Ion:149 Resp: 249384
 Ion Ratio Lower Upper
 149 100
 91 64.8 55.1 82.7
 206 20.2 15.7 23.5





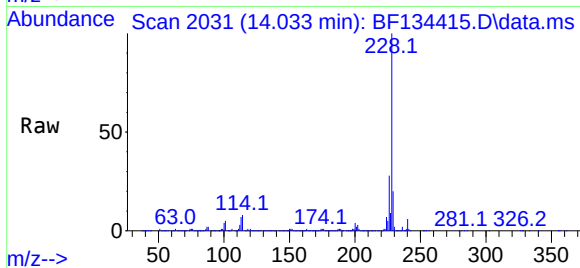
#81
Benzo(a)anthracene
Concen: 38.549 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

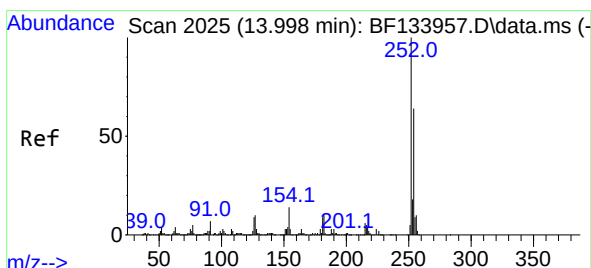
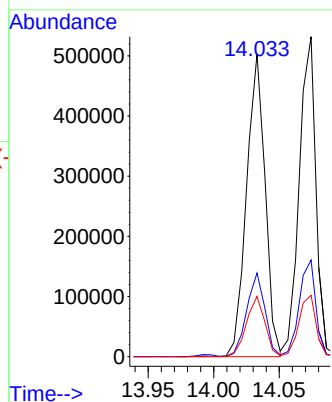
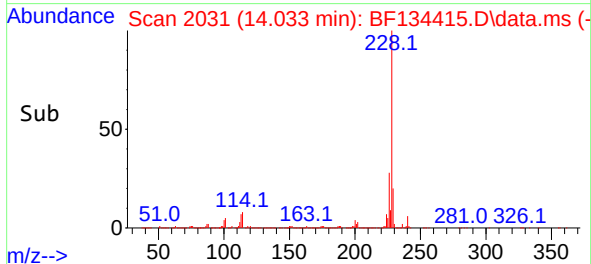


Tgt Ion:228 Resp: 49575
Ion Ratio Lower Upper
228 100
226 27.6 22.0 33.0
229 20.0 16.3 24.5

Manual Integrations

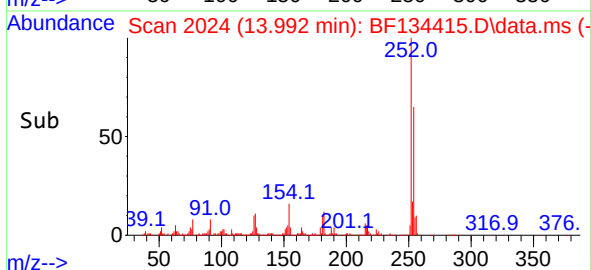
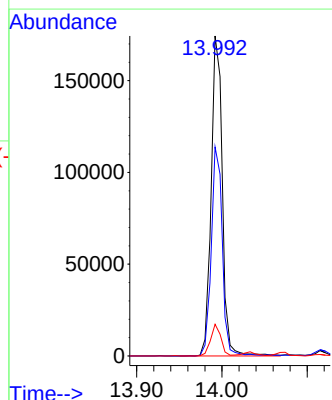
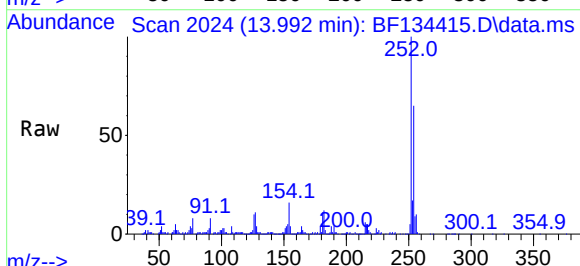
APPROVED

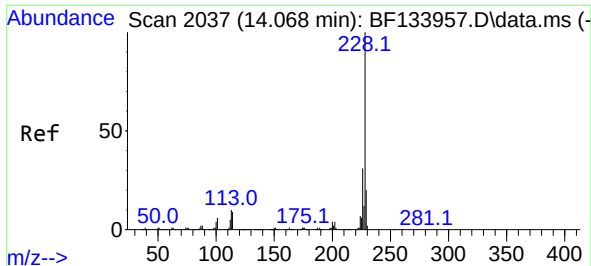
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#82
3,3'-Dichlorobenzidine
Concen: 38.884 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Tgt Ion:252 Resp: 158433
Ion Ratio Lower Upper
252 100
254 65.3 51.4 77.0
126 9.9 7.4 11.2





#83
Chrysene
Concen: 37.903 ng
RT: 14.074 min Scan# 2037
Delta R.T. 0.006 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Instrument :

BNA_F

ClientSampleId :

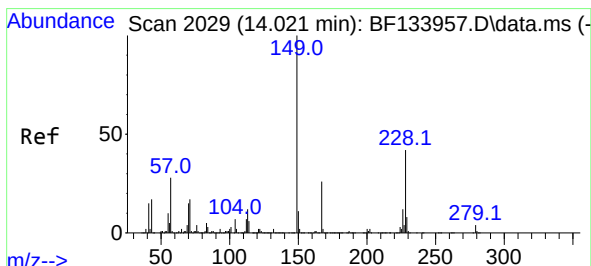
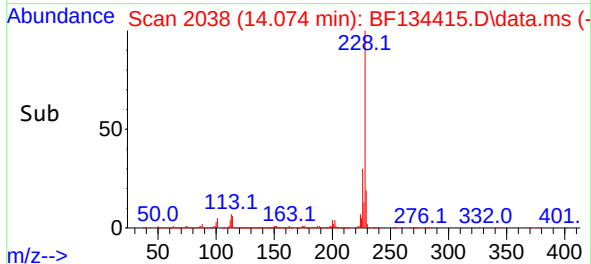
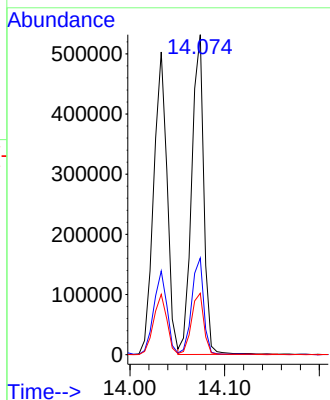
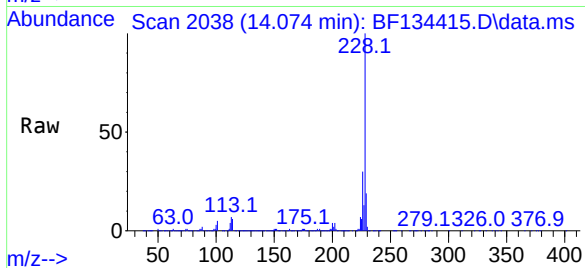
SSTDCCC040

Tgt Ion:228 Resp: 472135
Ion Ratio Lower Upper
228 100
226 30.2 24.4 36.6
229 19.2 16.1 24.1

Manual Integrations

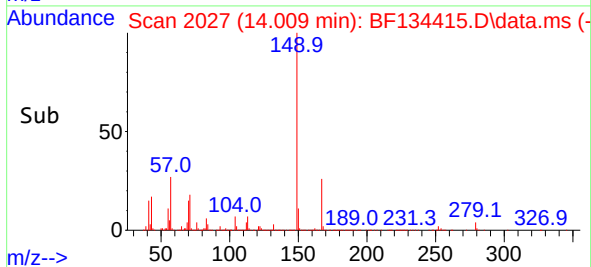
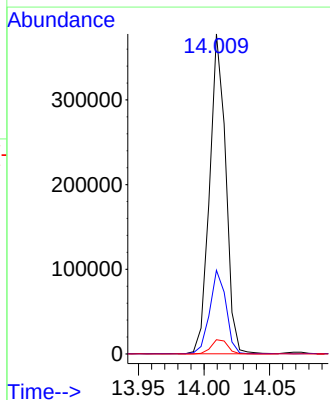
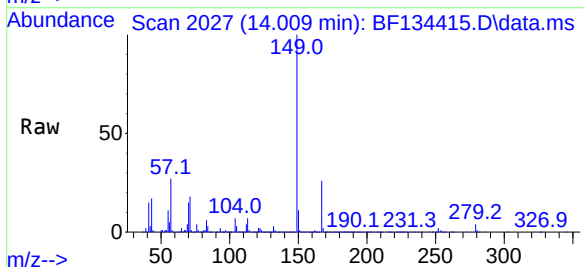
APPROVED

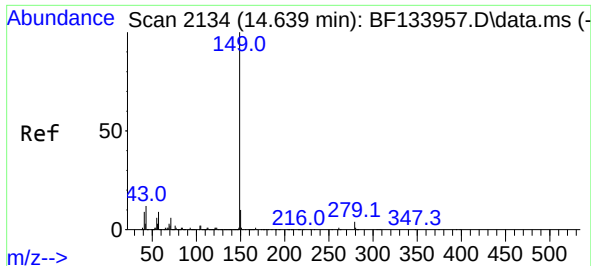
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.487 ng
RT: 14.009 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

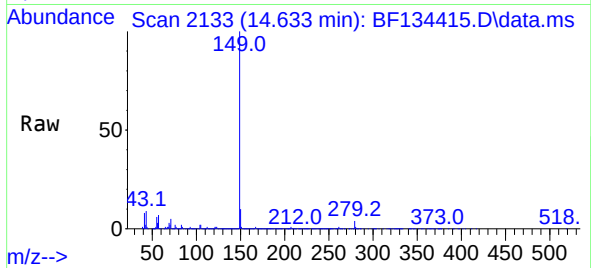
Tgt Ion:149 Resp: 323420
Ion Ratio Lower Upper
149 100
167 26.1 21.0 31.4
279 4.4 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 43.858 ng
RT: 14.633 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

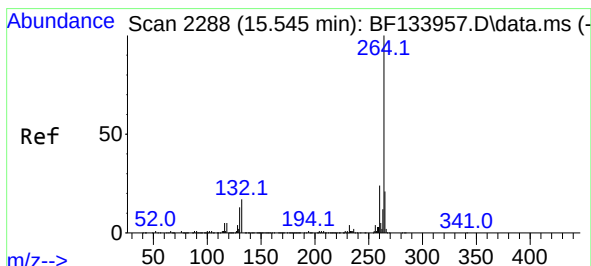
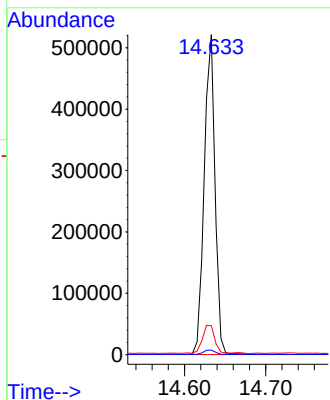
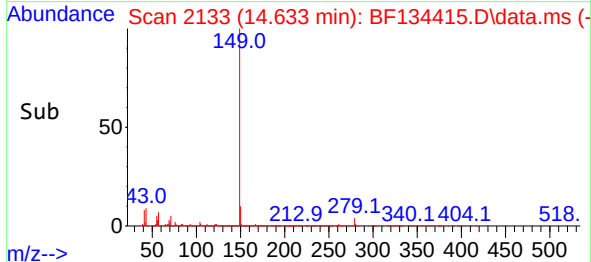
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 479270
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.7 9.0 13.4

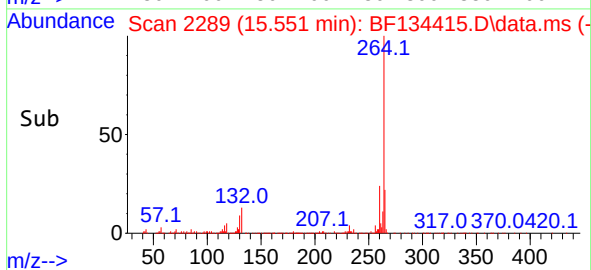
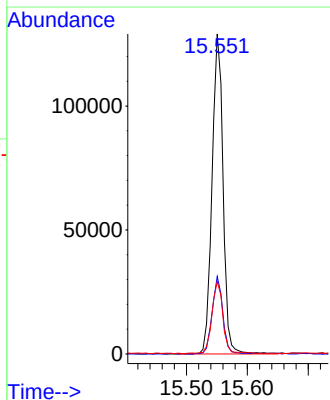
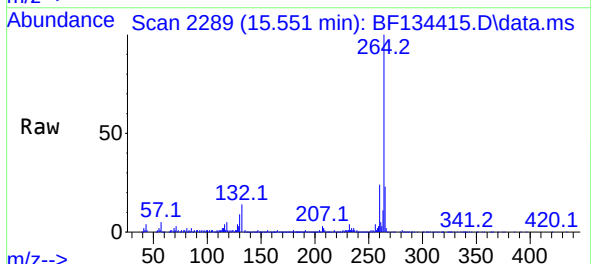
Manual Integrations
APPROVED

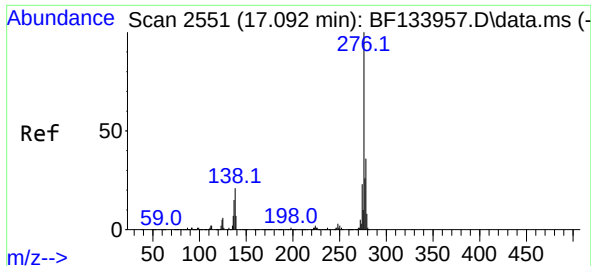
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2289
Delta R.T. 0.006 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Tgt Ion:264 Resp: 162272
Ion Ratio Lower Upper
264 100
260 24.2 19.5 29.3
265 22.6 16.6 25.0





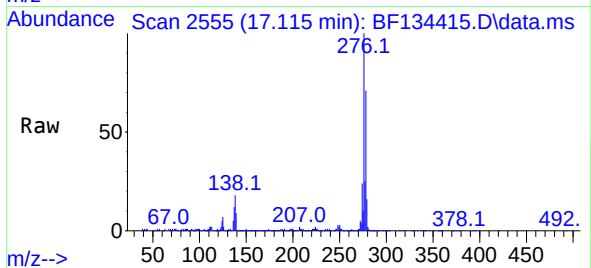
#87
Indeno(1,2,3-cd)pyrene
Concen: 37.858 ng
RT: 17.115 min Scan# 2114
Delta R.T. 0.018 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

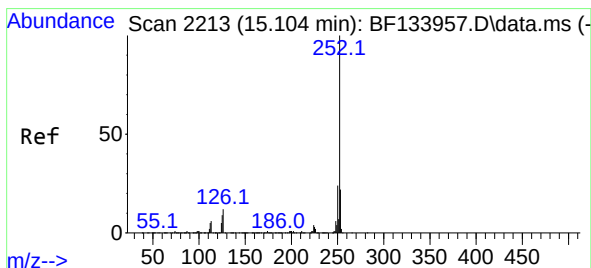
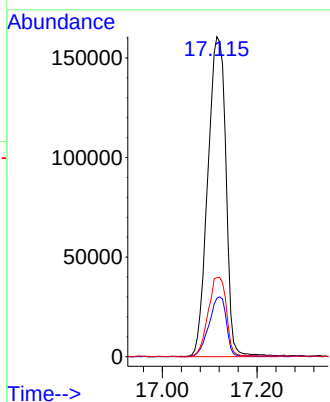
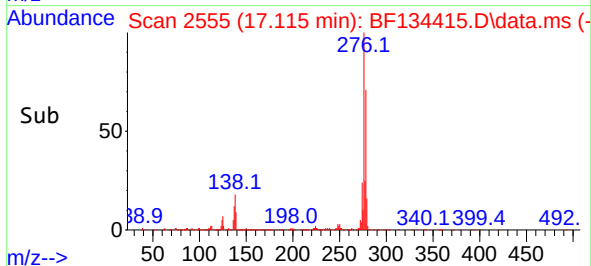


Tgt Ion:276 Resp: 426285
Ion Ratio Lower Upper
276 100
138 18.1 18.7 28.1
277 25.2 19.9 29.9

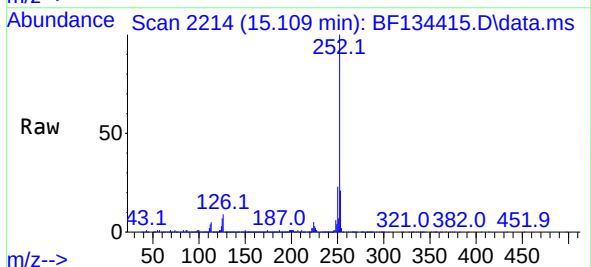
Manual Integrations

APPROVED

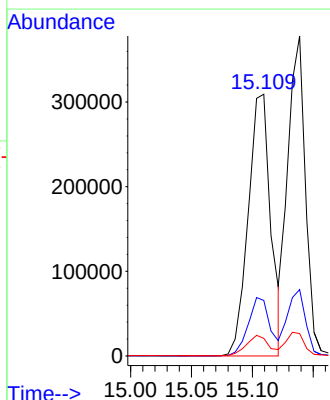
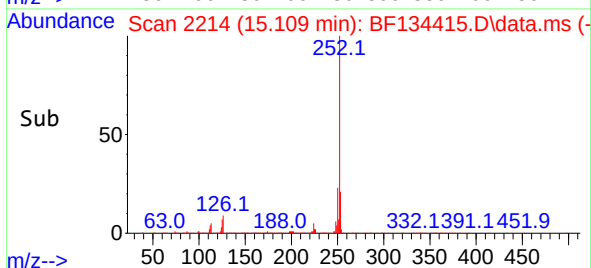
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

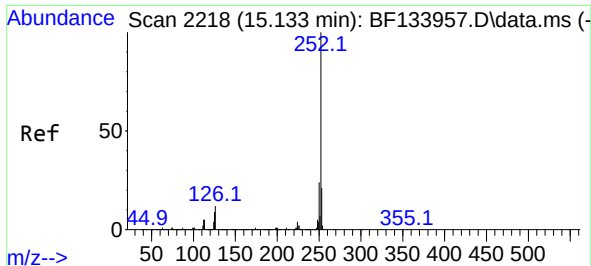


#88
Benzo(b)fluoranthene
Concen: 41.858 ng
RT: 15.109 min Scan# 2214
Delta R.T. 0.006 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14



Tgt Ion:252 Resp: 399402
Ion Ratio Lower Upper
252 100
253 21.2 17.4 26.0
125 6.7 7.1 10.7





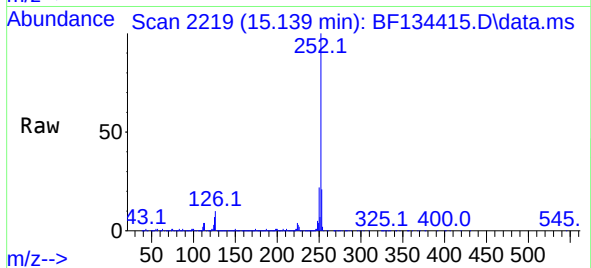
#89
Benzo(k)fluoranthene
Concen: 39.361 ng
RT: 15.139 min Scan# 2218
Delta R.T. 0.006 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Instrument :

BNF

ClientSampleId :

SSTDCCC040

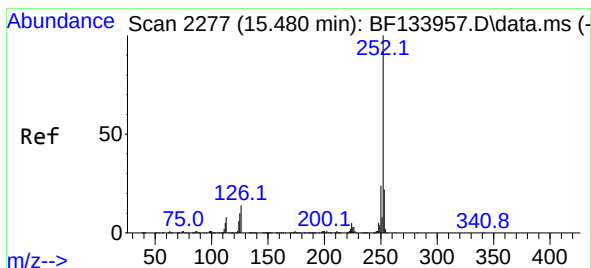
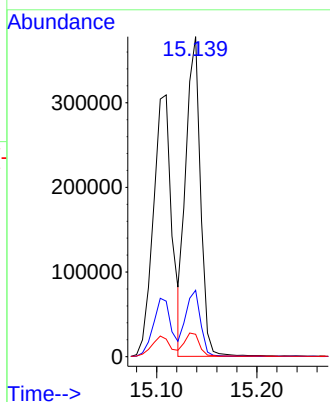
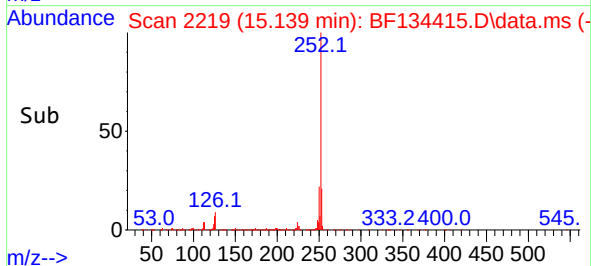


Tgt Ion:252 Resp: 38239
Ion Ratio Lower Upper
252 100
253 20.7 16.9 25.3
125 7.0 7.4 11.2

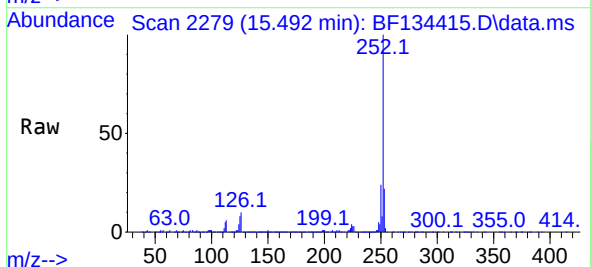
Manual Integrations

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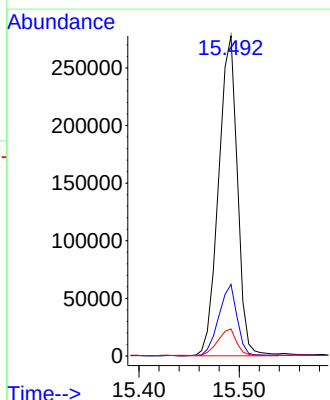
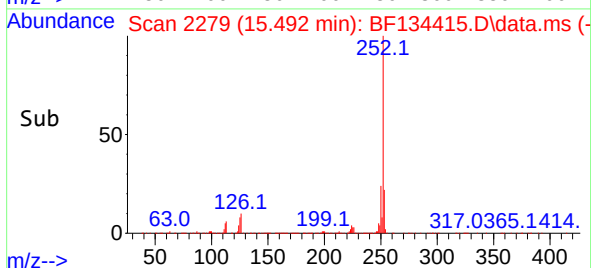
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

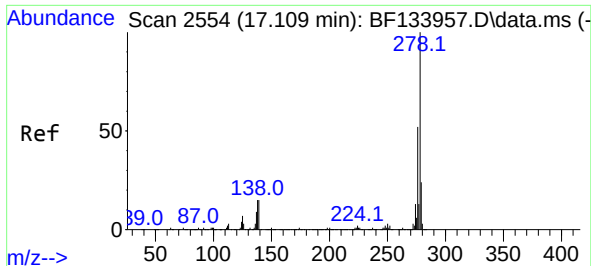


#90
Benzo(a)pyrene
Concen: 39.203 ng
RT: 15.492 min Scan# 2279
Delta R.T. 0.012 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14



Tgt Ion:252 Resp: 361713
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: 37.906 ng
RT: 17.127 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Instrument :

BNA_F

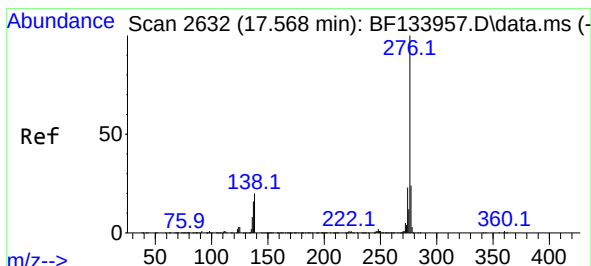
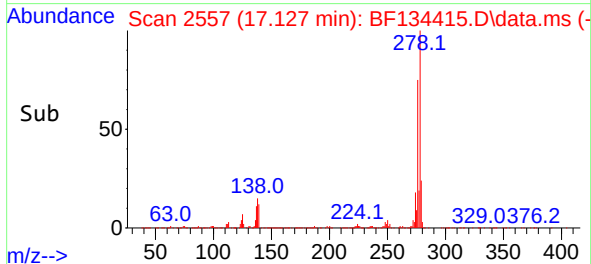
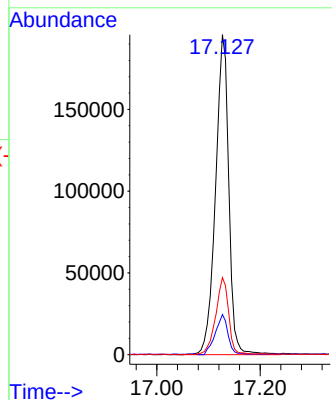
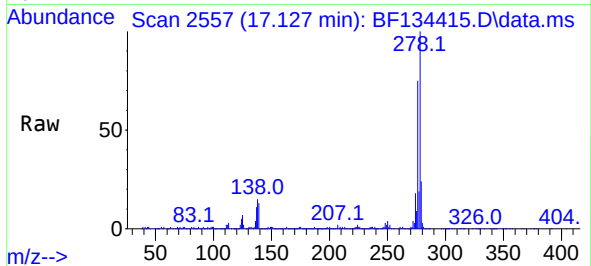
ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 34862
Ion Ratio Lower Upper
278 100
139 12.6 12.2 18.4
279 24.1 19.4 29.2

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



#92
Benzo(g,h,i)perylene
Concen: 37.240 ng
RT: 17.592 min Scan# 2636
Delta R.T. 0.023 min
Lab File: BF134415.D
Acq: 22 Jul 2023 11:14

Tgt Ion:276 Resp: 353199
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.6
138 15.6 16.2 24.2#

