

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
 Data File : BF134217.D
 Acq On : 11 Jul 2023 17:23
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/12/2023

Supervised By :mohammad ahmed 07/12/2023

Quant Time: Jul 12 01:06:00 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jul 11 13:06:48 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	92097	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	328651	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	159895	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	306210	20.000	ng	0.00
76) Chrysene-d12	14.039	240	164288	20.000	ng	0.00
86) Perylene-d12	15.539	264	161255	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	443363	80.529	ng	0.00
7) Phenol-d6	6.481	99	534078	78.879	ng	0.00
23) Nitrobenzene-d5	7.410	82	502697	82.452	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	162457	81.035	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	899594	81.798	ng	0.00
79) Terphenyl-d14	12.974	244	879923	86.200	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	93145	41.030	ng	99
3) Pyridine	3.399	79	234573	39.670	ng	99
4) n-Nitrosodimethylamine	3.363	42	132566	39.253	ng	98
6) Aniline	6.516	93	324181	39.346	ng	99
8) 2-Chlorophenol	6.634	128	217814	38.972	ng	97
9) Benzaldehyde	6.404	77	143889	38.223	ng	98
10) Phenol	6.498	94	280440	39.393	ng	98
11) bis(2-Chloroethyl)ether	6.587	93	198947	37.958	ng	96
12) 1,3-Dichlorobenzene	6.787	146	235427	39.512	ng	98
13) 1,4-Dichlorobenzene	6.863	146	243666	40.487	ng	99
14) 1,2-Dichlorobenzene	7.016	146	227049	40.283	ng	97
15) Benzyl Alcohol	6.987	79	196703	37.684	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.122	45	334157	36.038	ng	96
17) 2-Methylphenol	7.098	107	200124	39.987	ng	97
18) Hexachloroethane	7.351	117	89954	40.311	ng	95
19) n-Nitroso-di-n-propyla...	7.257	70	158433	36.897	ng	99
20) 3+4-Methylphenols	7.251	107	241575	39.788	ng	# 87
22) Acetophenone	7.257	105	307801	41.181	ng	# 94
24) Nitrobenzene	7.428	77	254627	41.329	ng	92
25) Isophorone	7.663	82	426754	38.514	ng	99
26) 2-Nitrophenol	7.745	139	119038	40.276	ng	99
27) 2,4-Dimethylphenol	7.781	122	185167	39.579	ng	97
28) bis(2-Chloroethoxy)met...	7.875	93	243747	37.991	ng	99
29) 2,4-Dichlorophenol	7.987	162	184330	39.734	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	193522	40.428	ng	98
31) Naphthalene	8.145	128	623252	39.260	ng	99
32) Benzoic acid	7.892	122	119960m	34.219	ng	
33) 4-Chloroaniline	8.198	127	266503	39.245	ng	99
34) Hexachlorobutadiene	8.257	225	127139	42.105	ng	98
35) Caprolactam	8.569	113	56470	36.969	ng	95
36) 4-Chloro-3-methylphenol	8.681	107	207205	39.758	ng	99
37) 2-Methylnaphthalene	8.839	142	432536	38.530	ng	98
38) 1-Methylnaphthalene	8.939	142	402554	38.573	ng	100
40) 1,2,4,5-Tetrachloroben...	9.004	216	193875	40.927	ng	99
41) Hexachlorocyclopentadiene	8.986	237	89010	39.606	ng	98
43) 2,4,6-Trichlorophenol	9.116	196	125035	38.773	ng	98

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Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/12/2023
 Supervised By :mohammad ahmed 07/12/2023

Quant Time: Jul 12 01:06:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

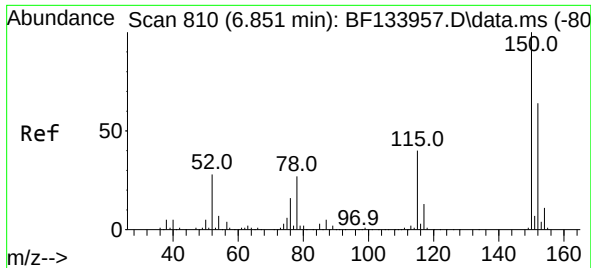
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	145769	38.429	ng	96
46) 1,1'-Biphenyl	9.304	154	515228	40.170	ng	98
47) 2-Chloronaphthalene	9.328	162	376797	40.151	ng	98
48) 2-Nitroaniline	9.428	65	137150	40.101	ng	98
49) Acenaphthylene	9.745	152	635402	39.636	ng	99
50) Dimethylphthalate	9.604	163	451370	38.888	ng	100
51) 2,6-Dinitrotoluene	9.669	165	101554	40.623	ng	# 85
52) Acenaphthene	9.916	154	370912	39.874	ng	99
53) 3-Nitroaniline	9.845	138	115238	38.424	ng	97
54) 2,4-Dinitrophenol	9.951	184	58408	42.366	ng	97
55) Dibenzofuran	10.092	168	573289	39.435	ng	100
56) 4-Nitrophenol	10.004	139	81374	38.790	ng	92
57) 2,4-Dinitrotoluene	10.081	165	135088	40.918	ng	99
58) Fluorene	10.433	166	446940	39.517	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	114240	38.181	ng	98
60) Diethylphthalate	10.304	149	459157	37.970	ng	98
61) 4-Chlorophenyl-phenyle...	10.428	204	207698	38.106	ng	99
62) 4-Nitroaniline	10.457	138	113381	37.513	ng	95
63) Azobenzene	10.586	77	429122	37.515	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	67812	40.620	ng	98
66) n-Nitrosodiphenylamine	10.545	169	386668	39.522	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	129231	39.706	ng	# 88
68) Hexachlorobenzene	10.986	284	141079	40.825	ng	# 91
69) Atrazine	11.075	200	105038	38.814	ng	99
70) Pentachlorophenol	11.180	266	78013	37.757	ng	100
71) Phenanthrene	11.404	178	615795	39.947	ng	99
72) Anthracene	11.457	178	647384	40.377	ng	99
73) Carbazole	11.616	167	584210	39.808	ng	99
74) Di-n-butylphthalate	11.939	149	671222	38.461	ng	99
75) Fluoranthene	12.598	202	651050	39.067	ng	98
77) Benzidine	12.727	184	144504	36.966	ng	99
78) Pyrene	12.827	202	646136	42.261	ng	99
80) Butylbenzylphthalate	13.451	149	224124	39.086	ng	97
81) Benzo(a)anthracene	14.027	228	437305	38.381	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	136000	37.676	ng	97
83) Chrysene	14.063	228	427077	38.700	ng	98
84) Bis(2-ethylhexyl)phtha...	14.016	149	248281	37.682	ng	99
85) Di-n-octyl phthalate	14.633	149	349063	36.055	ng	98
87) Indeno(1,2,3-cd)pyrene	17.086	276	481552	43.036	ng	97
88) Benzo(b)fluoranthene	15.098	252	348486	36.753	ng	98
89) Benzo(k)fluoranthene	15.127	252	369513	38.275	ng	97
90) Benzo(a)pyrene	15.474	252	363508	39.646	ng	98
91) Dibenzo(a,h)anthracene	17.104	278	393454	43.050	ng	98
92) Benzo(g,h,i)perylene	17.562	276	398171	42.246	ng	97

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

Manual Integrations

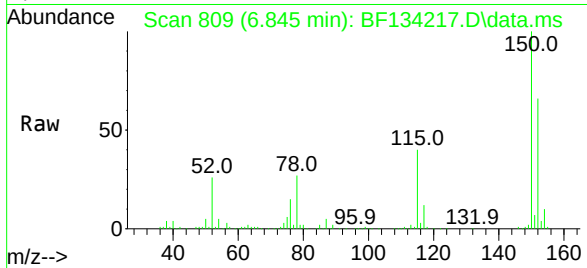
Quant Time: Jul 12 01:06:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 11 13:06:48 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23

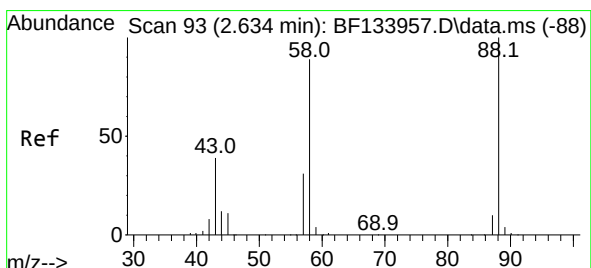
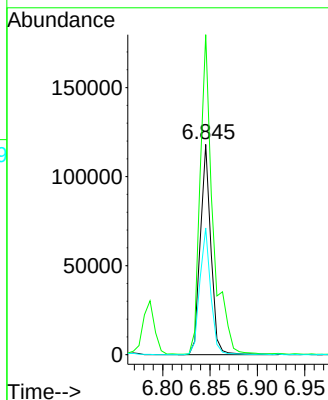
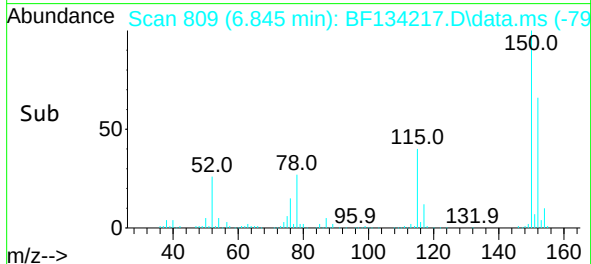
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



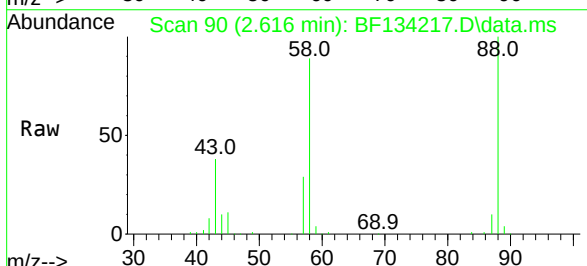
Tgt Ion:152 Resp: 9209
Ion Ratio Lower Upper
152 100
150 152.2 124.5 186.7
115 60.3 50.2 75.2

Manual Integrations
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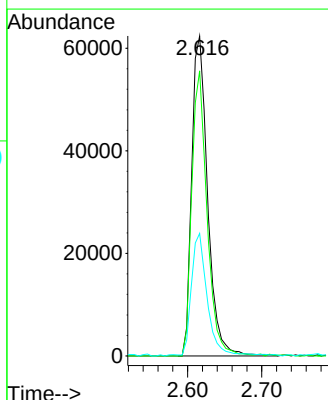
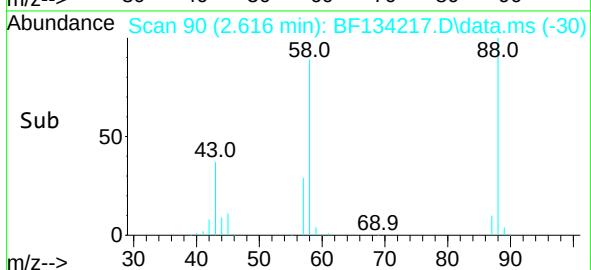
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

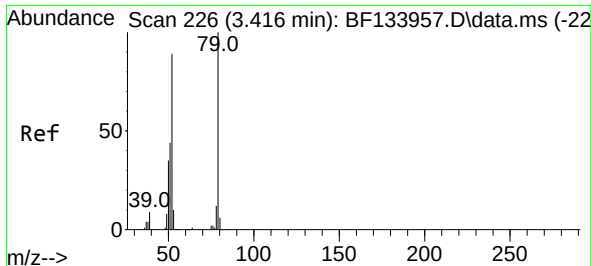


#2
1,4-Dioxane
Concen: 41.030 ng
RT: 2.616 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23



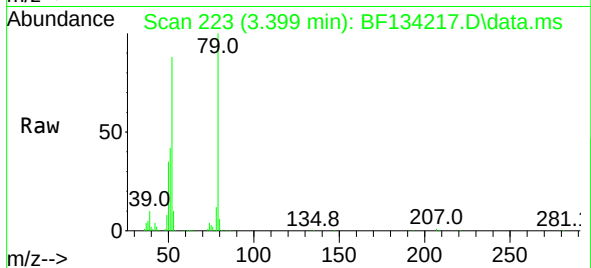
Tgt Ion: 88 Resp: 93145
Ion Ratio Lower Upper
88 100
58 85.4 68.8 103.2
43 38.9 30.7 46.1





#3
Pyridine
Concen: 39.670 ng
RT: 3.399 min Scan# 217
Delta R.T. 0.000 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23

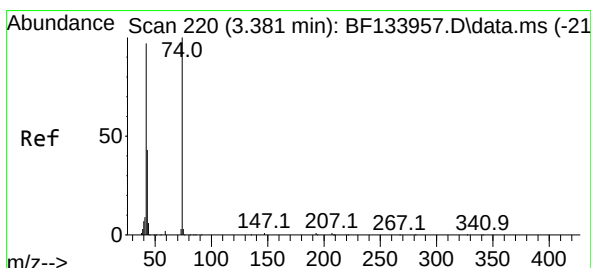
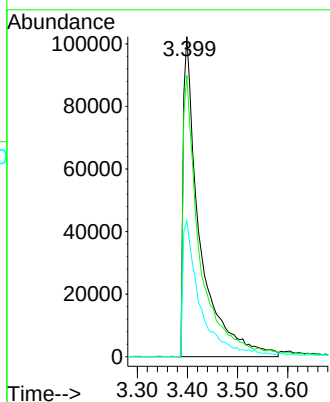
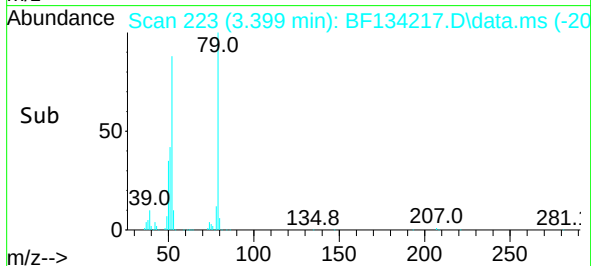
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



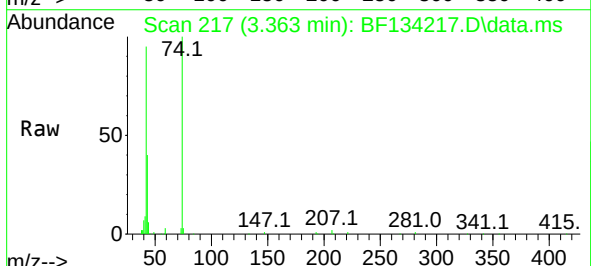
Tgt Ion: 79 Resp: 23457
Ion Ratio Lower Upper
79 100
52 87.9 71.1 106.7
51 42.5 35.2 52.8

Manual Integrations
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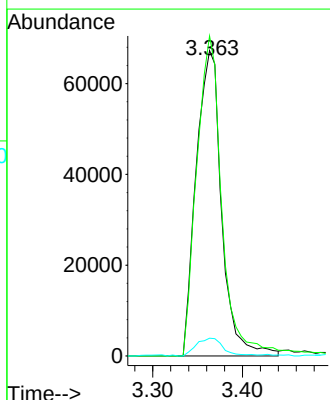
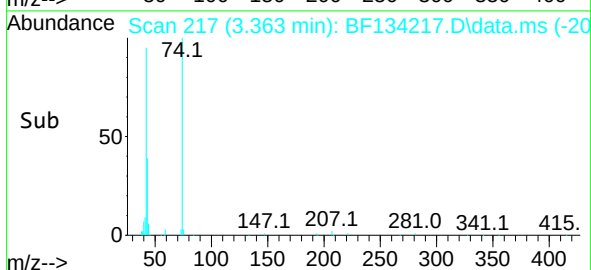
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

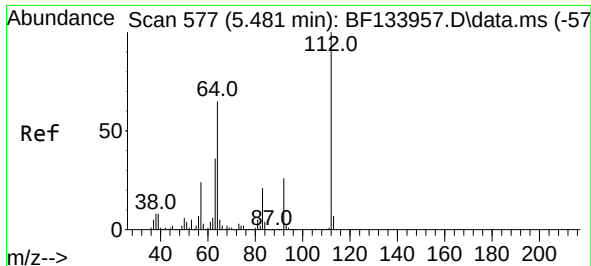


#4
n-Nitrosodimethylamine
Concen: 39.253 ng
RT: 3.363 min Scan# 217
Delta R.T. 0.000 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23



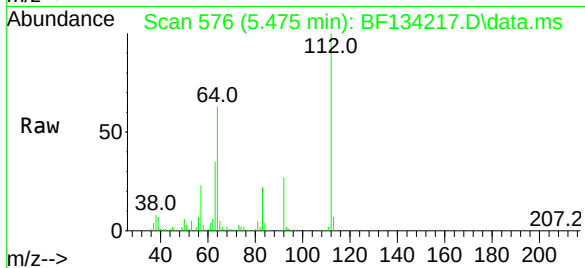
Tgt Ion: 42 Resp: 132566
Ion Ratio Lower Upper
42 100
74 104.8 82.4 123.6
44 5.8 4.9 7.3





#5
2-Fluorophenol
Concen: 80.529 ng
RT: 5.475 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23

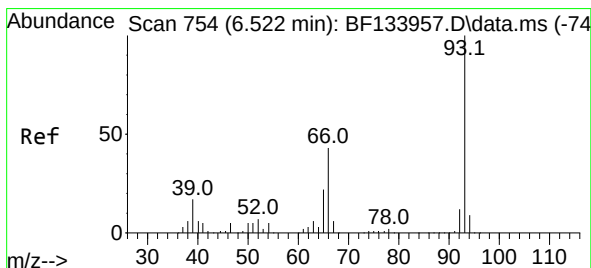
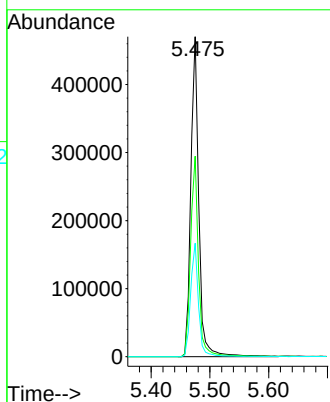
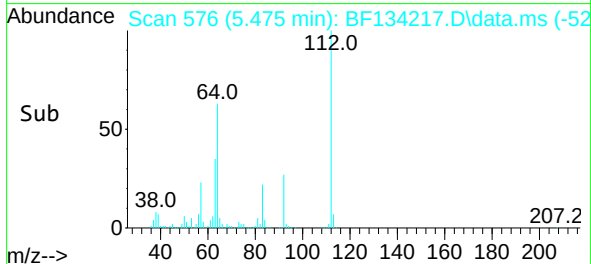
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:112 Resp: 44336
Ion Ratio Lower Upper
112 100
64 62.6 52.1 78.1
63 35.4 28.6 42.8

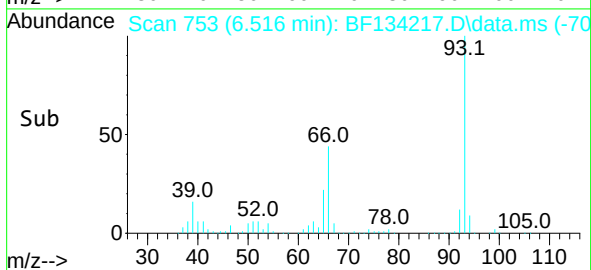
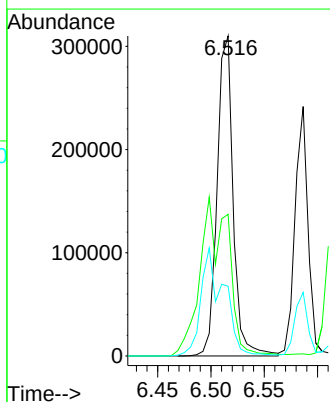
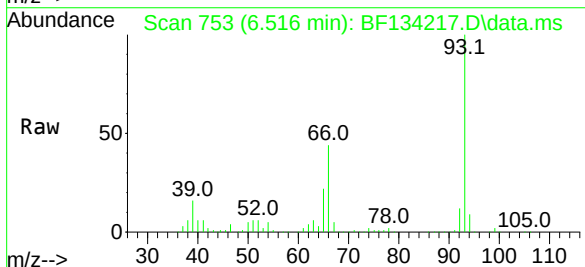
Manual Integrations
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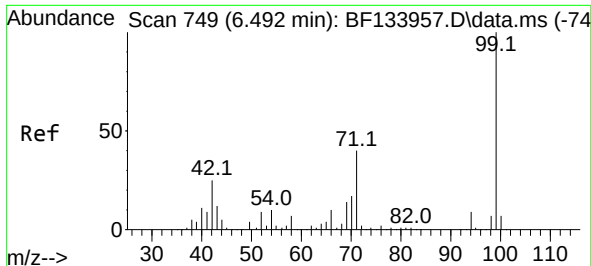
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#6
Aniline
Concen: 39.346 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23

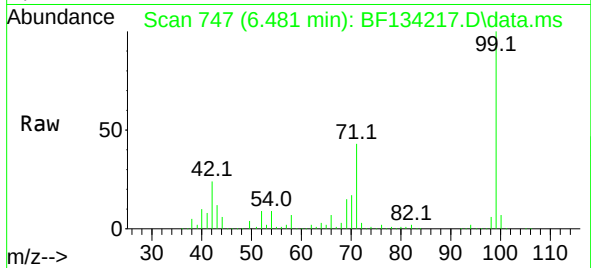
Tgt Ion: 93 Resp: 324181
Ion Ratio Lower Upper
93 100
66 44.2 34.5 51.7
65 21.8 17.8 26.6





#7
Phenol-d6
Concen: 78.879 ng
RT: 6.481 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23

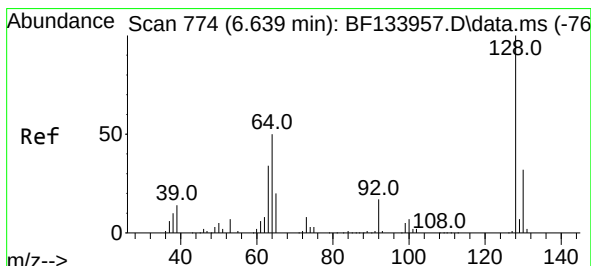
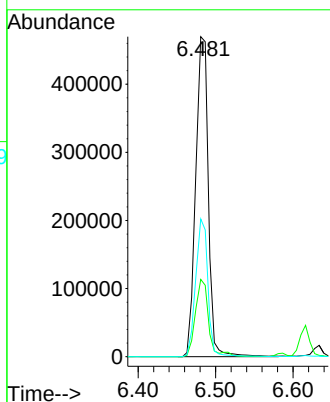
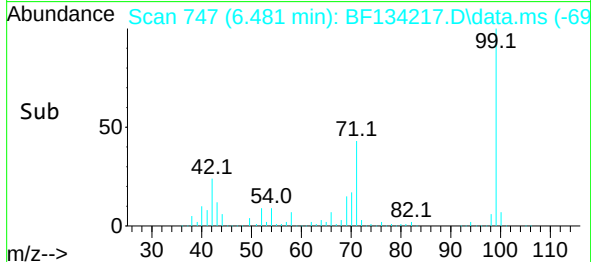
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 99 Resp: 534078
Ion Ratio Lower Upper
99 100
42 24.1 19.8 29.6
71 43.1 31.9 47.9

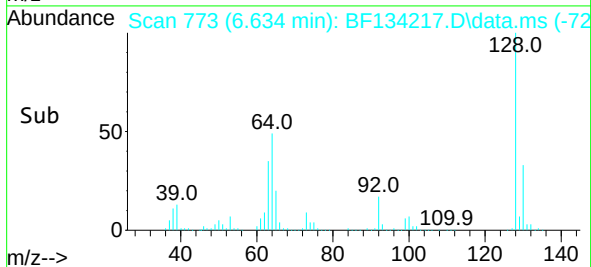
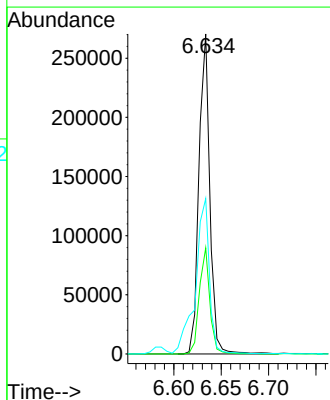
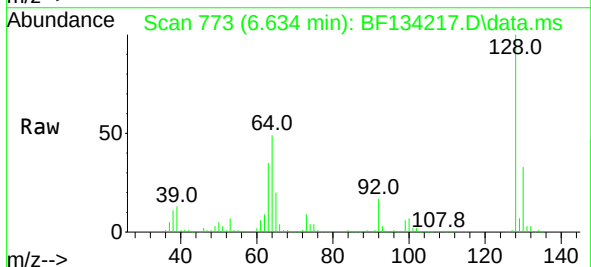
Manual Integrations
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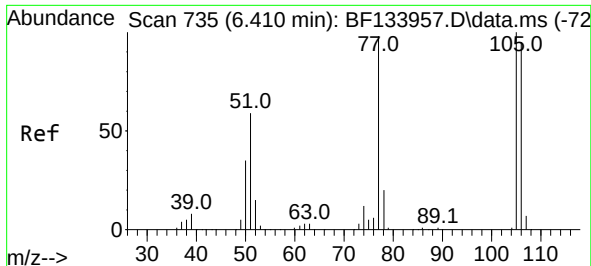
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#8
2-Chlorophenol
Concen: 38.972 ng
RT: 6.634 min Scan# 773
Delta R.T. 0.000 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23

Tgt Ion:128 Resp: 217814
Ion Ratio Lower Upper
128 100
130 33.1 11.7 51.7
64 48.5 31.3 71.3





#9

Benzaldehyde

Concen: 38.223 ng

RT: 6.404 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF134217.D

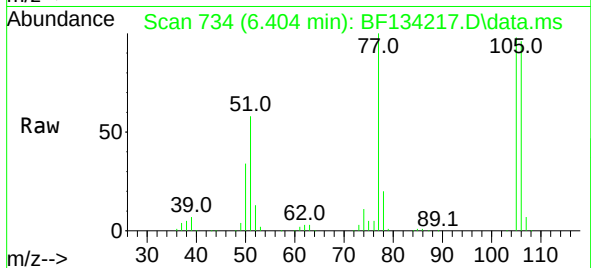
Acq: 11 Jul 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



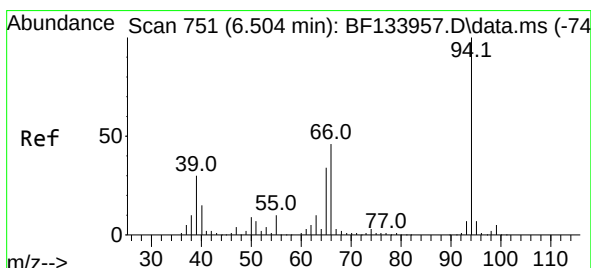
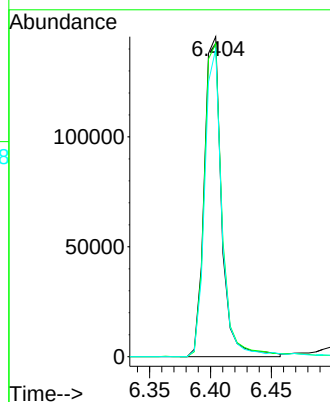
Tgt Ion:	77	Resp:	14388
Ion Ratio	Lower	Upper	
77	100		
105	97.8	82.0	122.0
106	96.1	76.9	116.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/12/2023

Supervised By :mohammad ahmed 07/12/2023



#10

Phenol

Concen: 39.393 ng

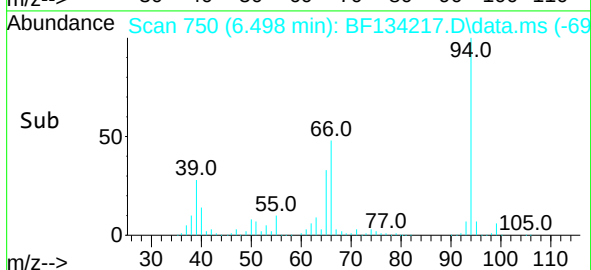
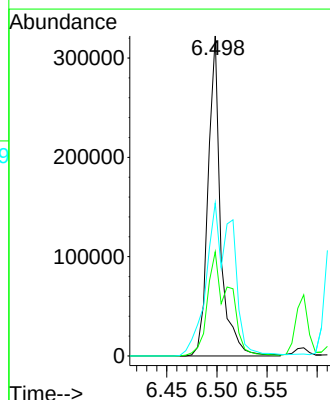
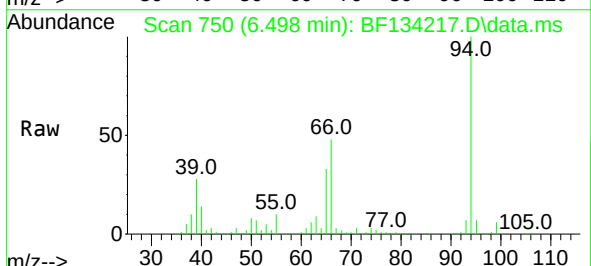
RT: 6.498 min Scan# 750

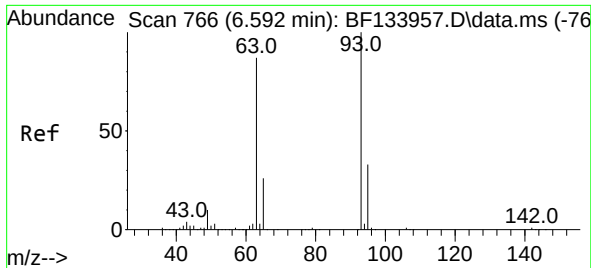
Delta R.T. 0.000 min

Lab File: BF134217.D

Acq: 11 Jul 2023 17:23

Tgt Ion:	94	Resp:	280440
Ion Ratio	Lower	Upper	
94	100		
65	32.5	14.2	54.2
66	47.8	26.4	66.4





#11
bis(2-Chloroethyl)ether
Concen: 37.958 ng
RT: 6.587 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23

Instrument :

BNA_F

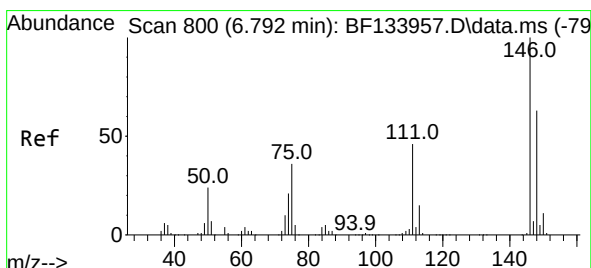
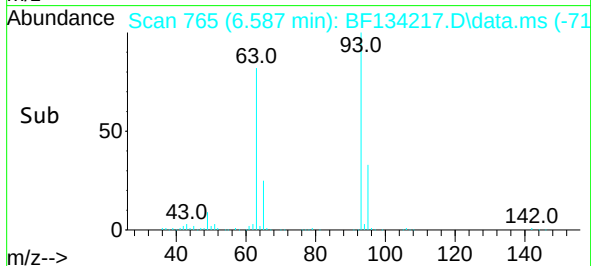
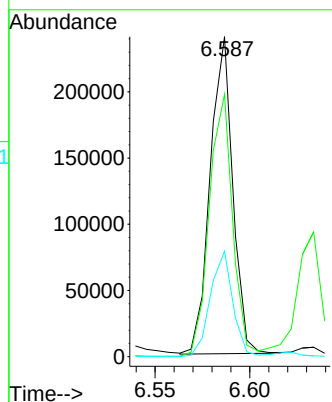
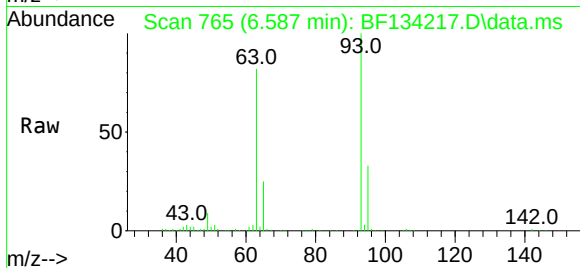
ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 19894
Ion Ratio Lower Upper
93 100
63 82.0 66.5 106.5
95 32.9 12.9 52.9

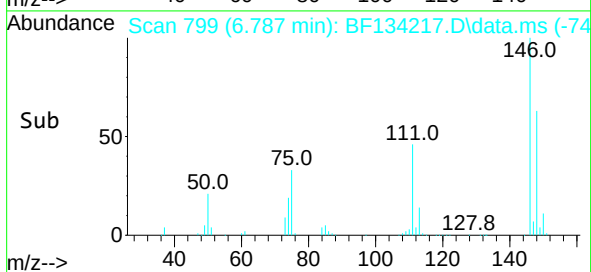
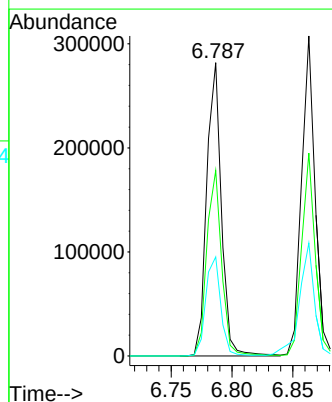
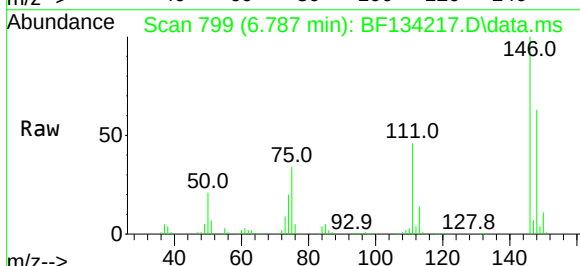
Manual Integrations
APPROVED

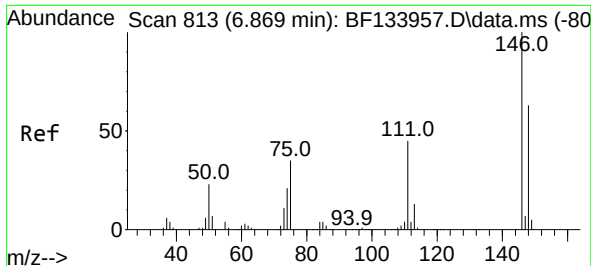
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#12
1,3-Dichlorobenzene
Concen: 39.512 ng
RT: 6.787 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23

Tgt Ion:146 Resp: 235427
Ion Ratio Lower Upper
146 100
148 63.2 50.5 75.7
75 33.8 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 40.487 ng

RT: 6.863 min Scan# 813

Delta R.T. 0.000 min

Lab File: BF134217.D

Acq: 11 Jul 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 24366

Ion Ratio Lower Upper

146 100

148 63.4 50.2 75.2

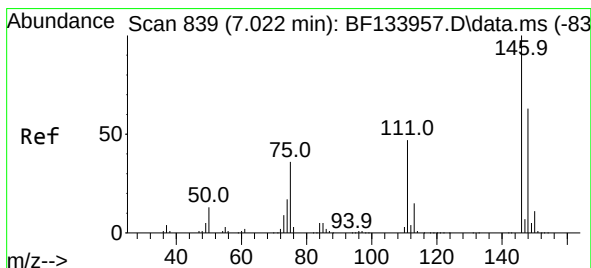
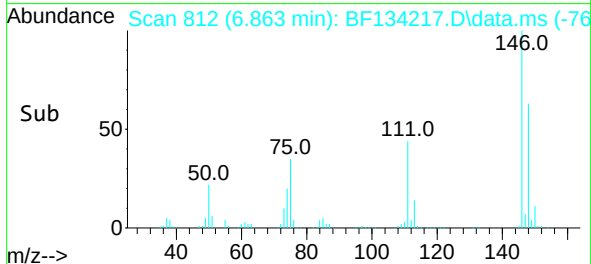
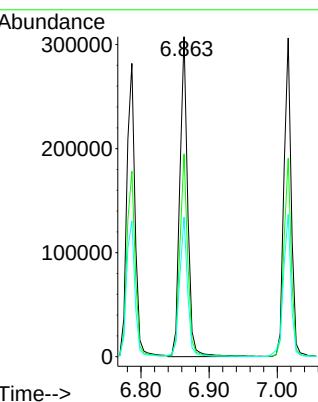
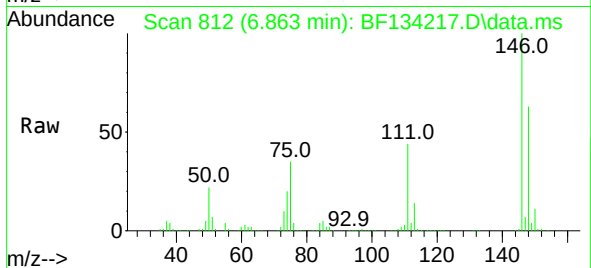
111 43.6 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/12/2023

Supervised By :mohammad ahmed 07/12/2023



#14

1,2-Dichlorobenzene

Concen: 40.283 ng

RT: 7.016 min Scan# 838

Delta R.T. 0.000 min

Lab File: BF134217.D

Acq: 11 Jul 2023 17:23

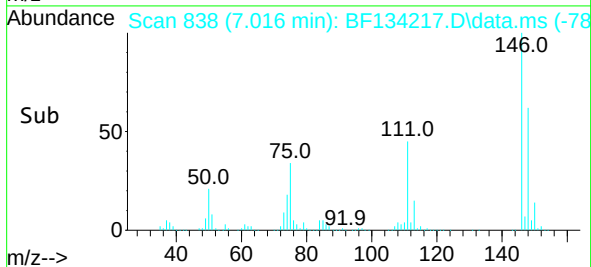
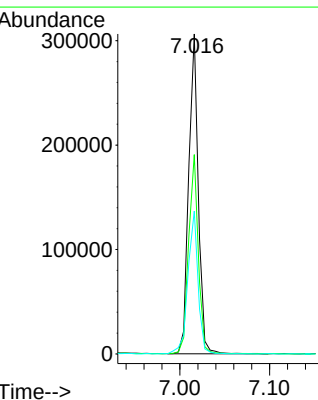
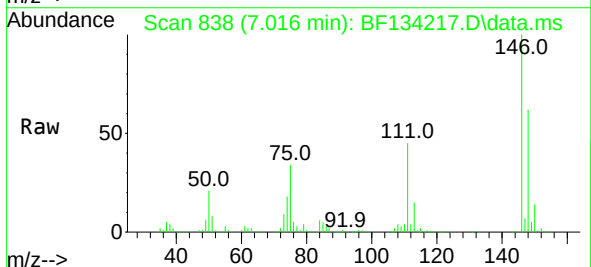
Tgt Ion:146 Resp: 227049

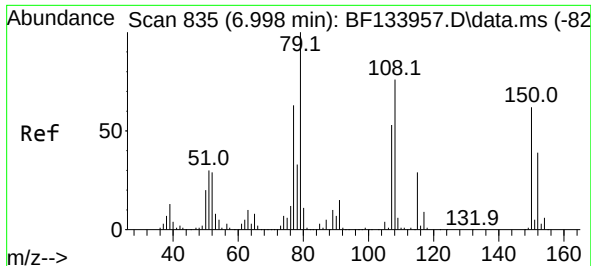
Ion Ratio Lower Upper

146 100

148 62.3 50.6 76.0

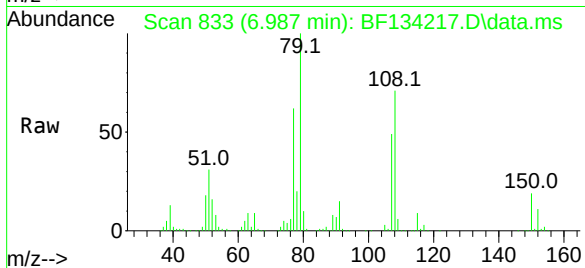
111 44.7 38.0 57.0





#15
Benzyl Alcohol
Concen: 37.684 ng
RT: 6.987 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23

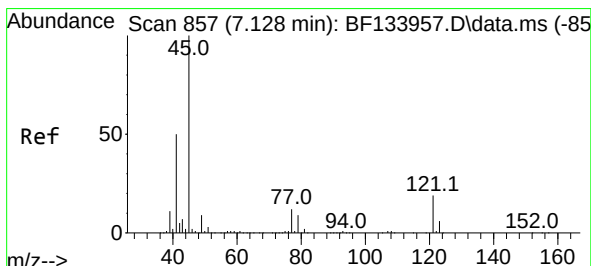
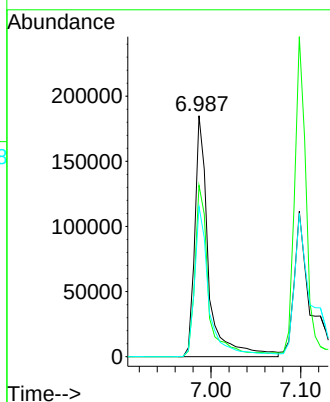
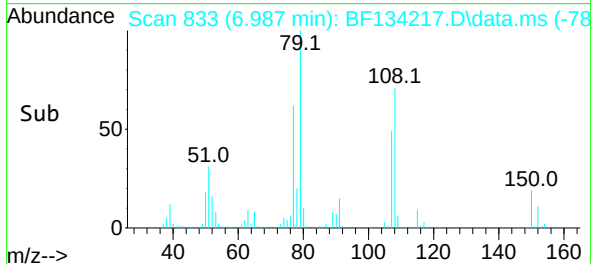
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



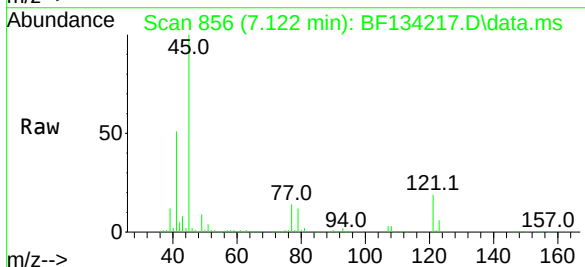
Tgt Ion: 79 Resp: 19670
Ion Ratio Lower Upper
79 100
108 71.1 60.7 91.1
77 62.4 50.6 75.8

Manual Integrations
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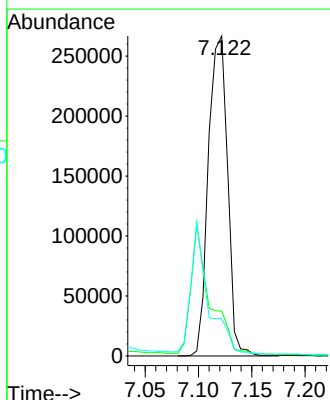
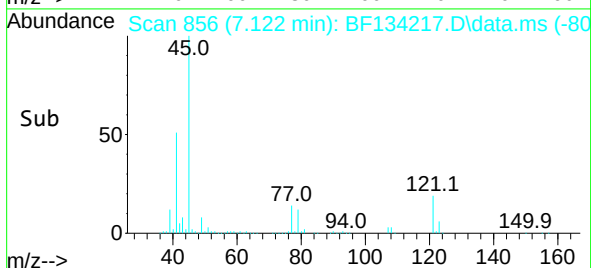
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

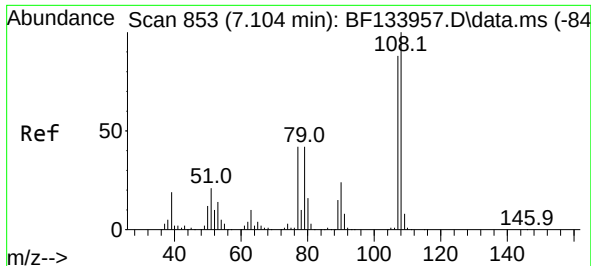


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.038 ng
RT: 7.122 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23



Tgt Ion: 45 Resp: 334157
Ion Ratio Lower Upper
45 100
77 14.0 0.0 32.9
79 11.7 0.0 29.5





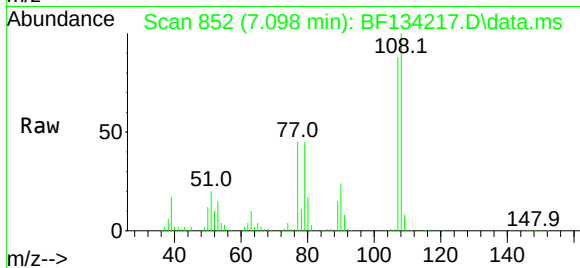
#17
2-Methylphenol
Concen: 39.987 ng
RT: 7.098 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



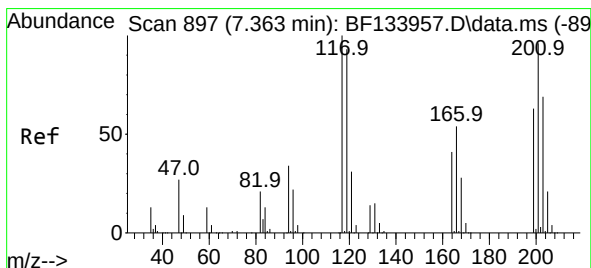
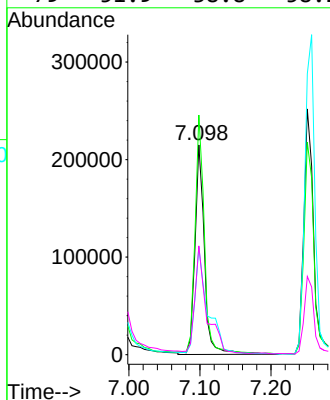
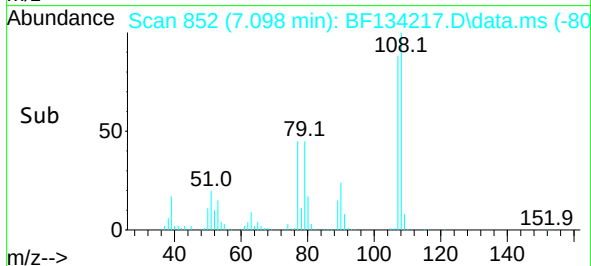
Tgt Ion:107 Resp: 200124
Ion Ratio Lower Upper
107 100
108 114.3 90.6 136.0
77 51.2 38.3 57.5
79 51.9 38.8 58.2

Manual Integrations

APPROVED

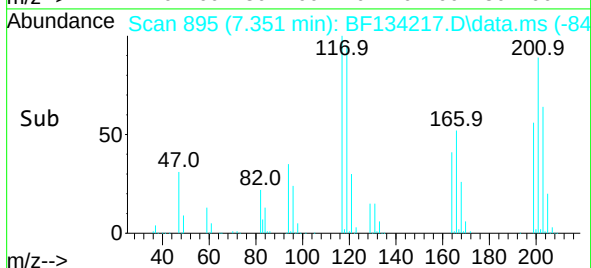
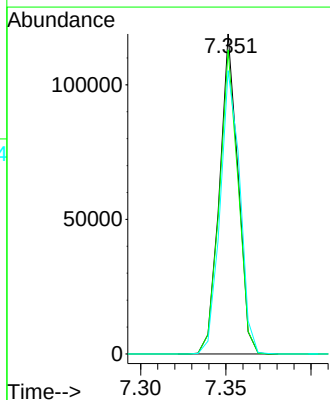
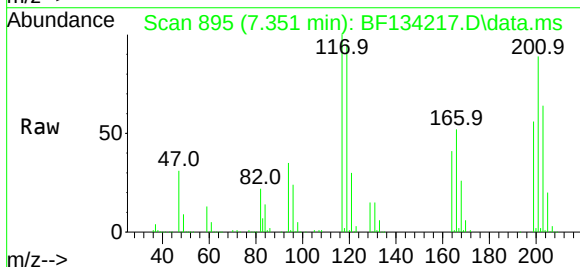
Reviewed By :Yogesh Patel 07/12/2023

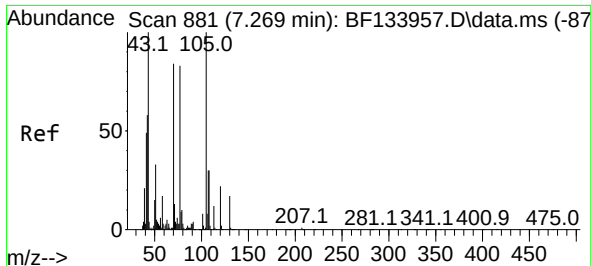
Supervised By :mohammad ahmed 07/12/2023



#18
Hexachloroethane
Concen: 40.311 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23

Tgt Ion:117 Resp: 89954
Ion Ratio Lower Upper
117 100
119 95.1 74.2 111.4
201 88.6 77.2 115.8





#19

n-Nitroso-di-n-propylamine

Concen: 36.897 ng

RT: 7.257 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF134217.D

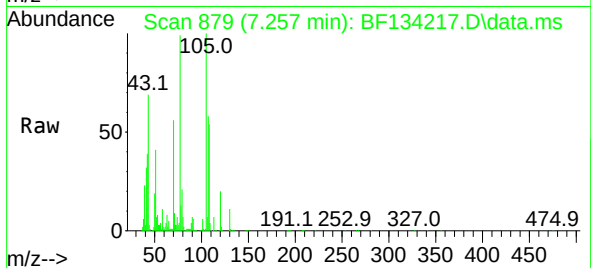
Acq: 11 Jul 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 15843

Ion Ratio Lower Upper

70 100

42 69.2 54.7 82.1

101 10.0 7.7 11.5

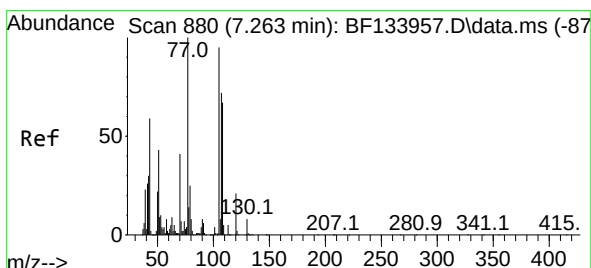
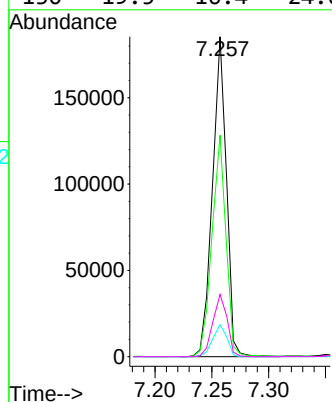
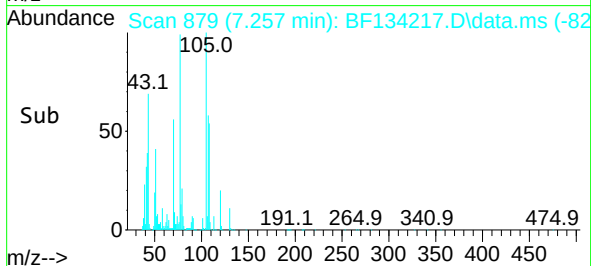
130 19.5 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/12/2023

Supervised By :mohammad ahmed 07/12/2023



#20

3+4-Methylphenols

Concen: 39.788 ng

RT: 7.251 min Scan# 878

Delta R.T. 0.000 min

Lab File: BF134217.D

Acq: 11 Jul 2023 17:23

Tgt Ion:107 Resp: 241575

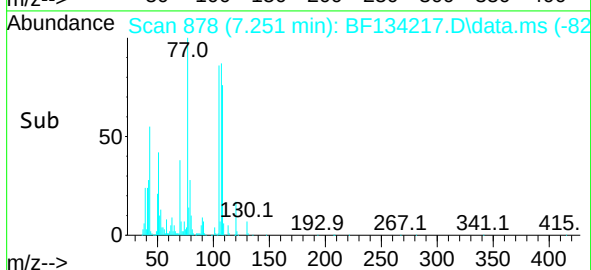
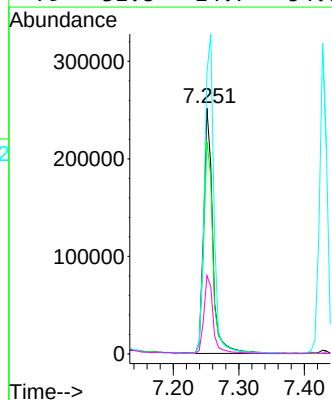
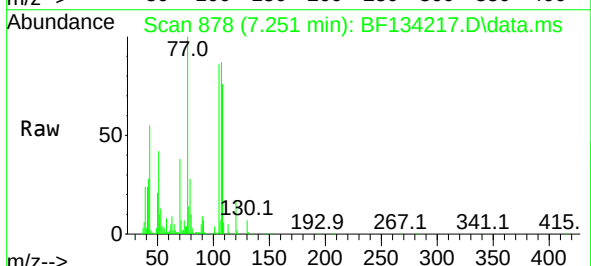
Ion Ratio Lower Upper

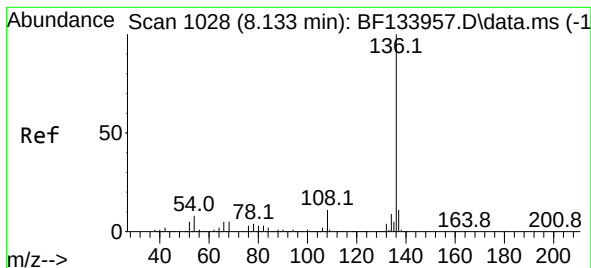
107 100

108 86.5 73.2 113.2

77 114.3 118.3 158.3#

79 31.8 14.7 54.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.122 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF134217.D

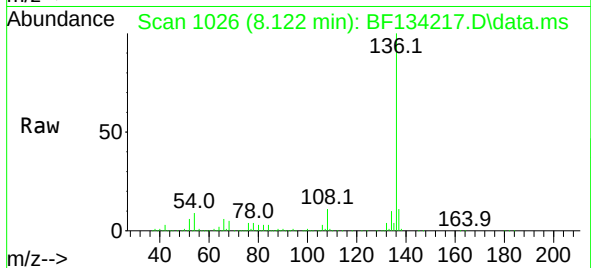
Acq: 11 Jul 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:136 Resp: 32865

Ion Ratio Lower Upper

136 100

137 11.2 8.6 12.8

54 8.9 6.5 9.7

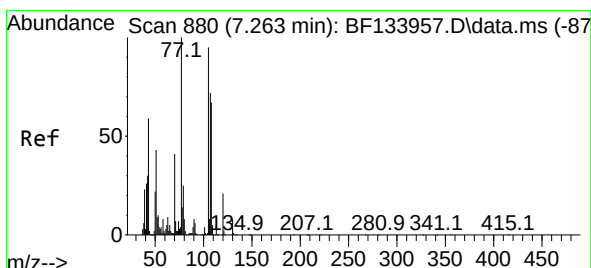
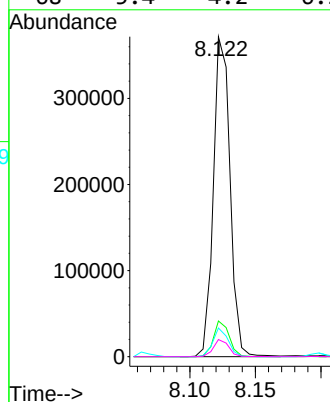
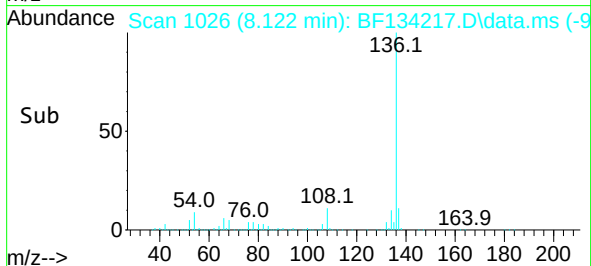
68 5.4 4.2 6.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/12/2023

Supervised By :mohammad ahmed 07/12/2023



#22

Acetophenone

Concen: 41.181 ng

RT: 7.257 min Scan# 879

Delta R.T. 0.000 min

Lab File: BF134217.D

Acq: 11 Jul 2023 17:23

Tgt Ion:105 Resp: 307801

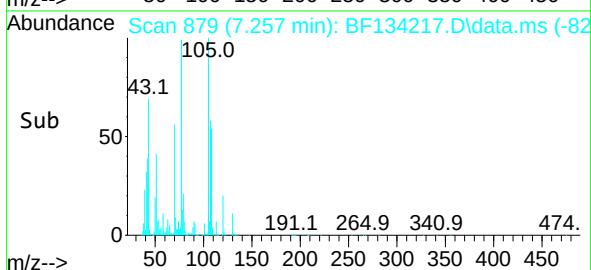
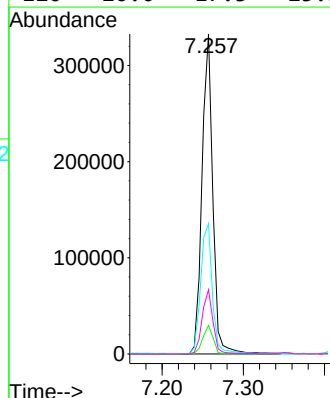
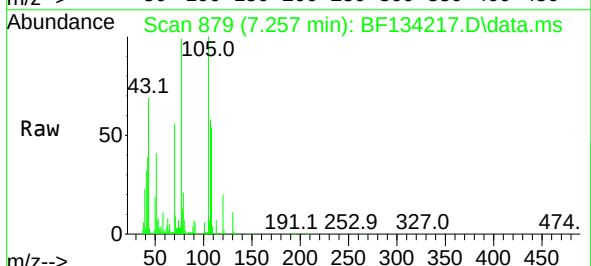
Ion Ratio Lower Upper

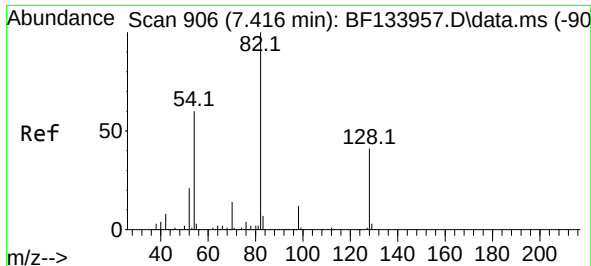
105 100

71 8.9 5.5 8.3#

51 40.8 36.5 54.7

120 20.0 17.3 25.9





#23
Nitrobenzene-d5
Concen: 82.452 ng
RT: 7.410 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23

Instrument :

BNA_F

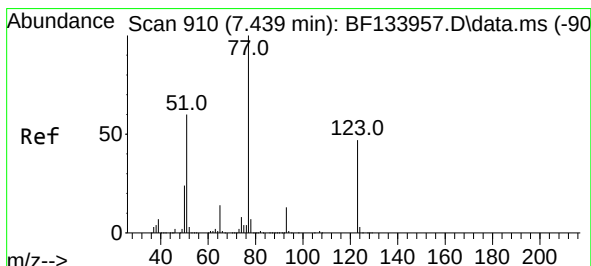
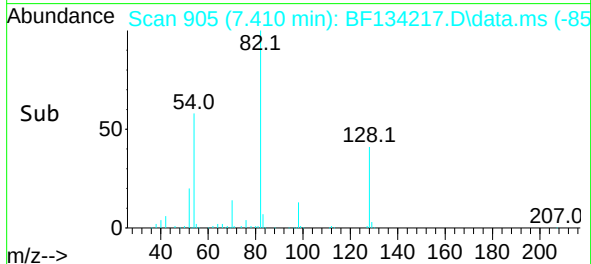
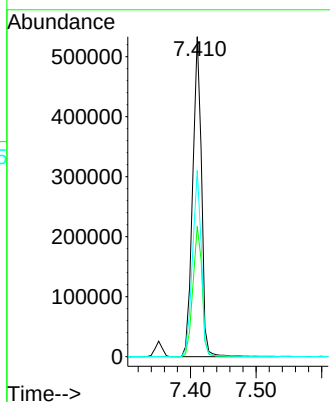
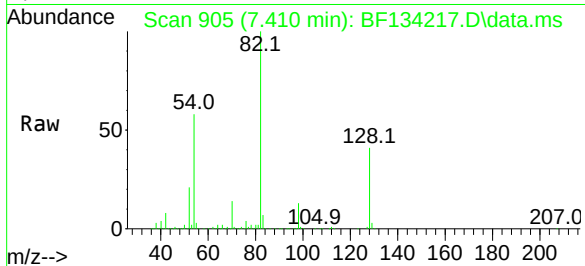
ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 50269
Ion Ratio Lower Upper
82 100
128 40.7 32.5 48.7
54 58.2 48.2 72.2

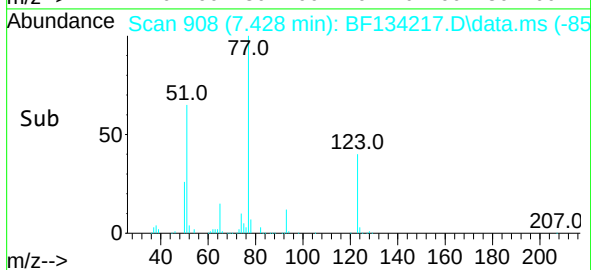
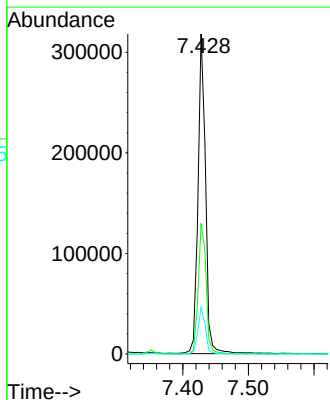
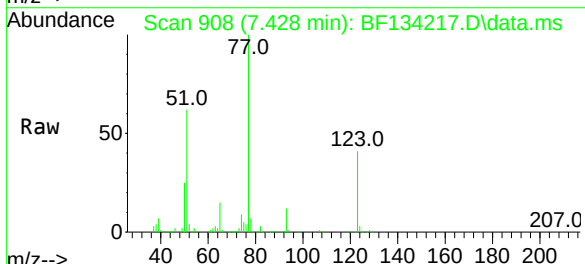
Manual Integrations
APPROVED

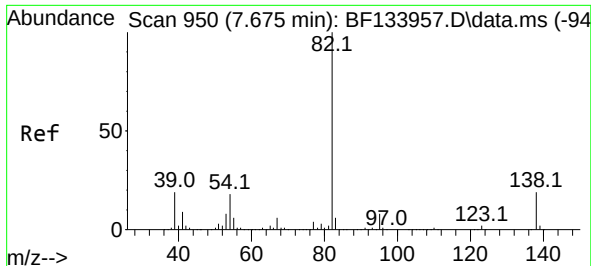
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#24
Nitrobenzene
Concen: 41.329 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.000 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23

Tgt Ion: 77 Resp: 254627
Ion Ratio Lower Upper
77 100
123 40.8 37.8 56.6
65 14.5 11.3 16.9





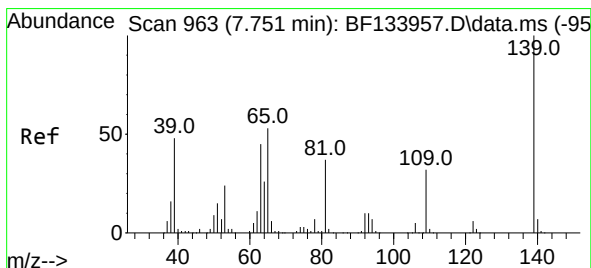
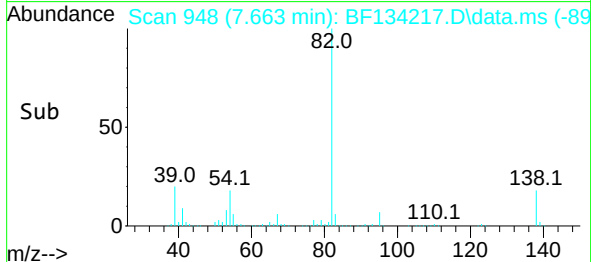
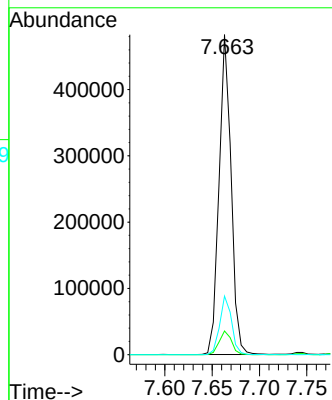
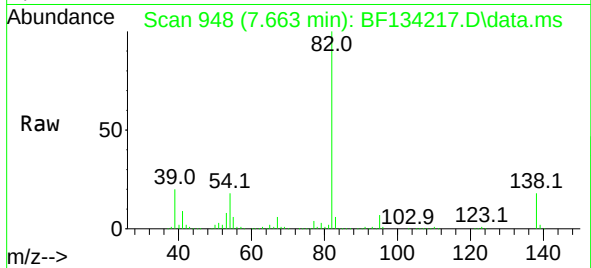
#25
Isophorone
Concen: 38.514 ng
RT: 7.663 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 426754
Ion Ratio Lower Upper
82 100
95 7.4 6.1 9.1
138 18.3 15.2 22.8

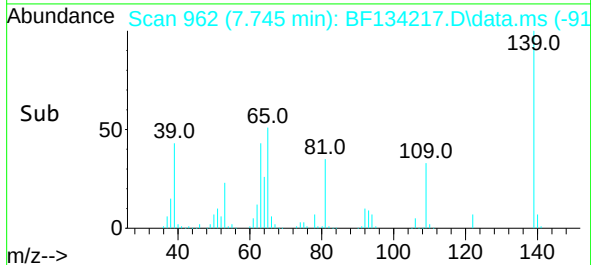
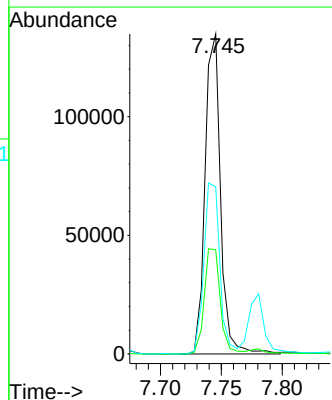
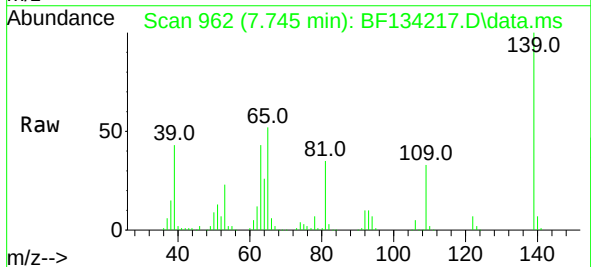
Manual Integrations
APPROVED

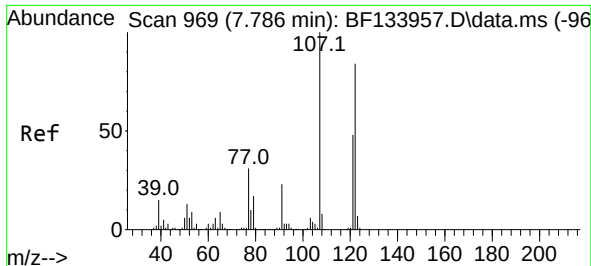
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#26
2-Nitrophenol
Concen: 40.276 ng
RT: 7.745 min Scan# 962
Delta R.T. 0.000 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23

Tgt Ion:139 Resp: 119038
Ion Ratio Lower Upper
139 100
109 32.6 25.8 38.8
65 52.2 42.4 63.6





#27

2,4-Dimethylphenol

Concen: 39.579 ng

RT: 7.781 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF134217.D

Acq: 11 Jul 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

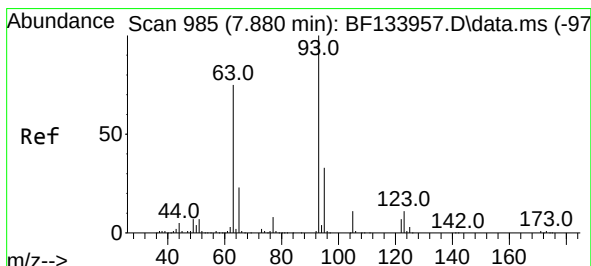
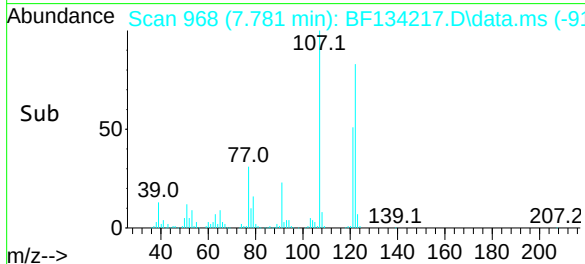
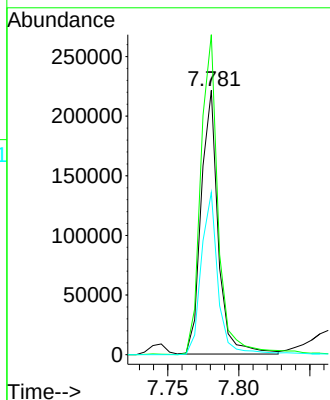
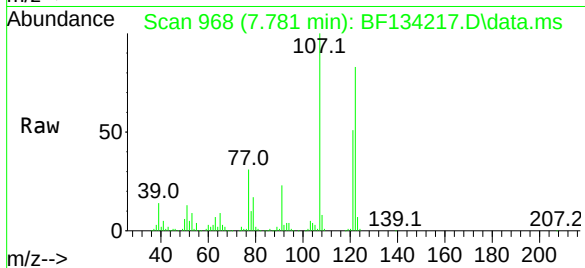
Tgt Ion:122 Resp: 18516
 Ion Ratio Lower Upper
 122 100
 107 121.1 95.5 143.3
 121 61.4 45.5 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/12/2023

Supervised By :mohammad ahmed 07/12/2023



#28

bis(2-Chloroethoxy)methane

Concen: 37.991 ng

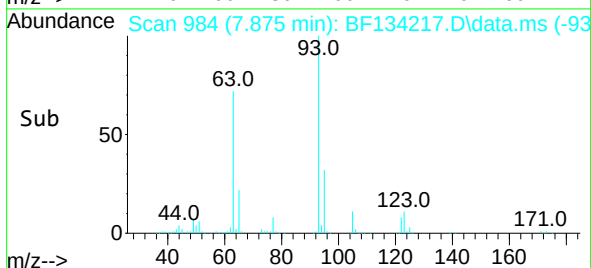
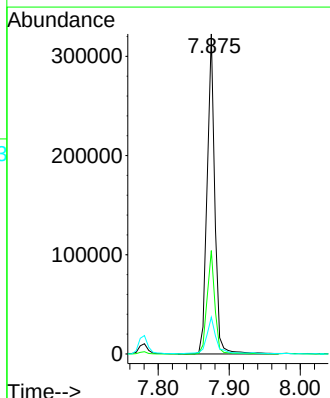
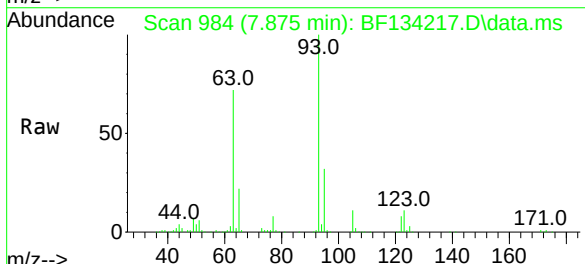
RT: 7.875 min Scan# 984

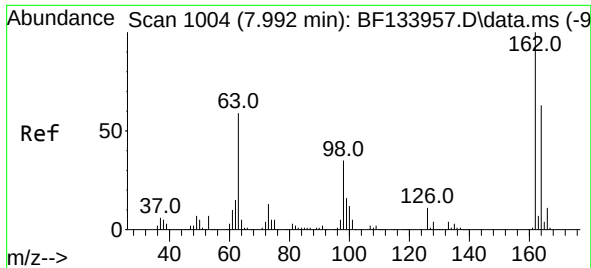
Delta R.T. 0.000 min

Lab File: BF134217.D

Acq: 11 Jul 2023 17:23

Tgt Ion: 93 Resp: 243747
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.5 39.7
 123 11.5 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 39.734 ng

RT: 7.987 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF134217.D

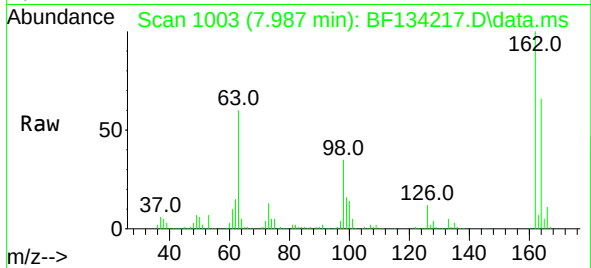
Acq: 11 Jul 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:162 Resp: 184330

Ion Ratio Lower Upper

162 100

164 65.6 43.2 83.2

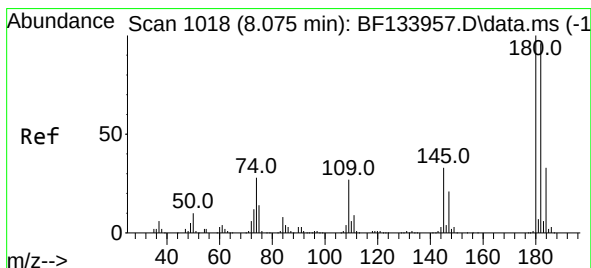
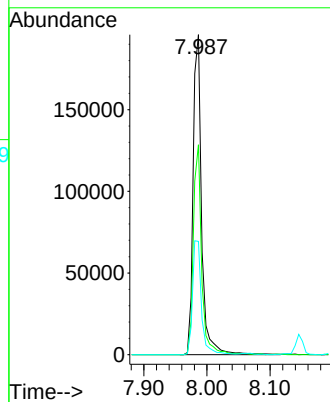
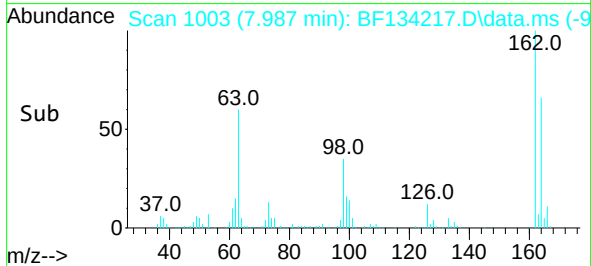
98 35.4 14.9 54.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/12/2023

Supervised By :mohammad ahmed 07/12/2023



#30

1,2,4-Trichlorobenzene

Concen: 40.428 ng

RT: 8.063 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF134217.D

Acq: 11 Jul 2023 17:23

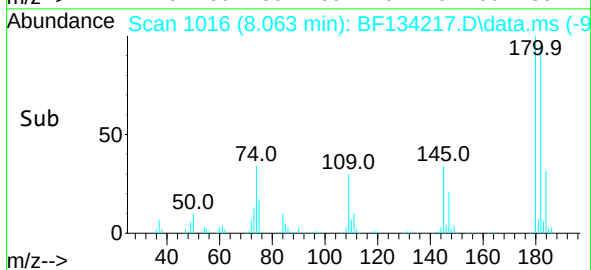
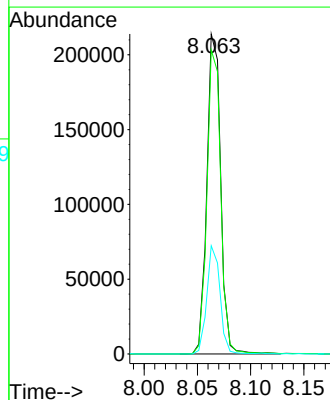
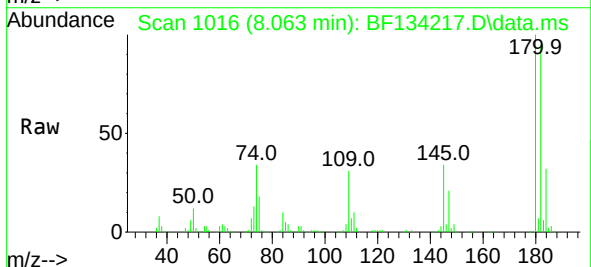
Tgt Ion:180 Resp: 193522

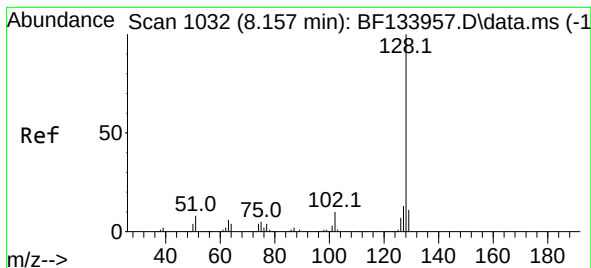
Ion Ratio Lower Upper

180 100

182 95.0 77.1 115.7

145 33.8 26.0 39.0





#31

Naphthalene

Concen: 39.260 ng

RT: 8.145 min Scan# 1032

Delta R.T. -0.006 min

Lab File: BF134217.D

Acq: 11 Jul 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 62325

Ion Ratio Lower Upper

128 100

129 11.8 8.7 13.1

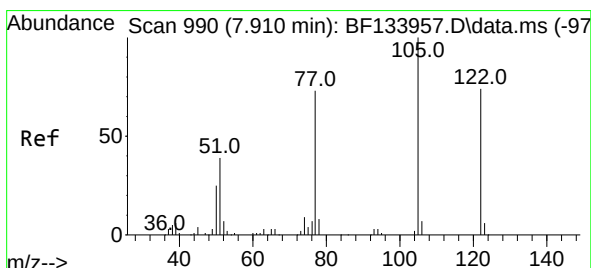
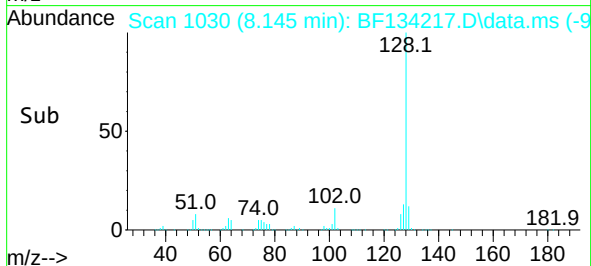
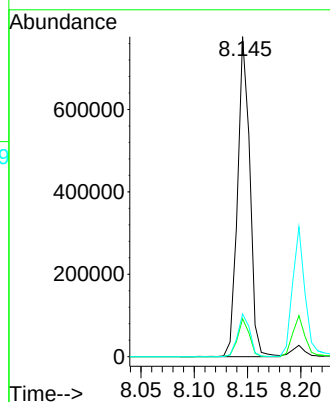
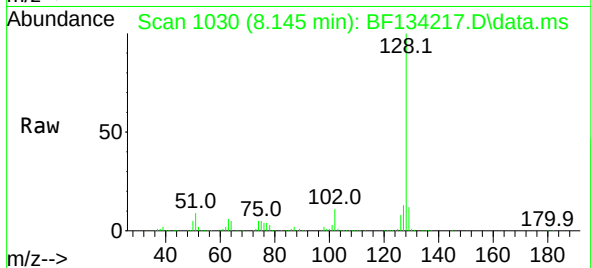
127 13.3 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/12/2023

Supervised By :mohammad ahmed 07/12/2023



#32

Benzoic acid

Concen: 34.219 ng m

RT: 7.892 min Scan# 987

Delta R.T. 0.000 min

Lab File: BF134217.D

Acq: 11 Jul 2023 17:23

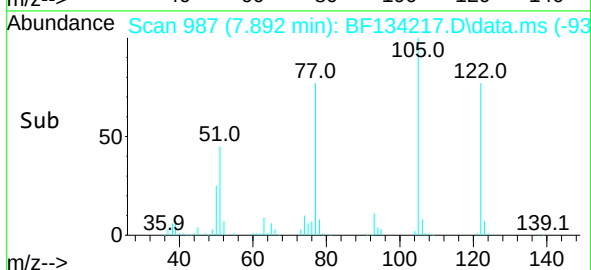
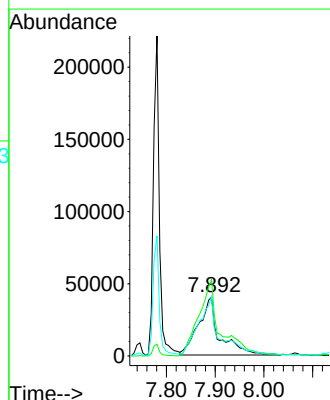
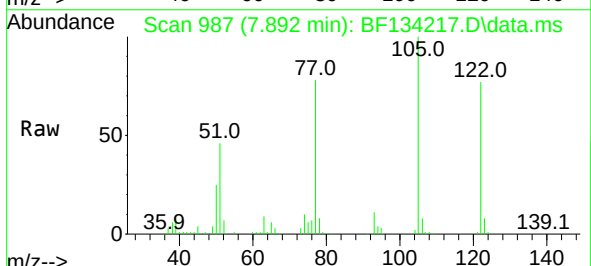
Tgt Ion:122 Resp: 119960

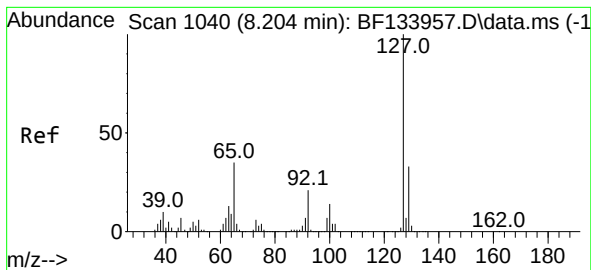
Ion Ratio Lower Upper

122 100

105 129.3 109.7 149.7

77 100.8 76.0 116.0





#33
4-Chloroaniline
Concen: 39.245 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23

Instrument :

BNA_F

ClientSampleId :

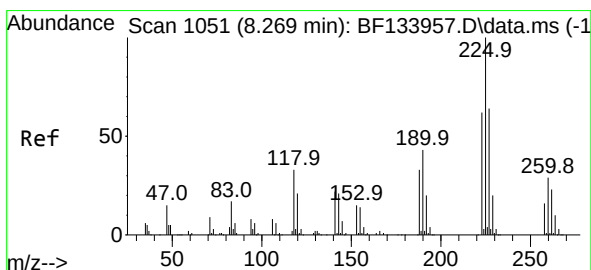
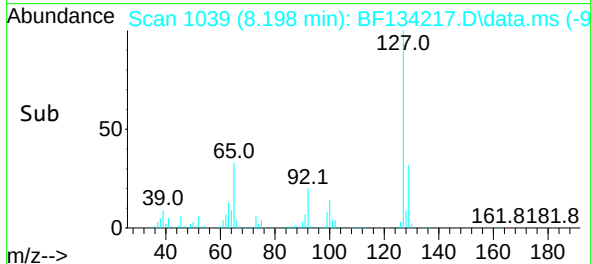
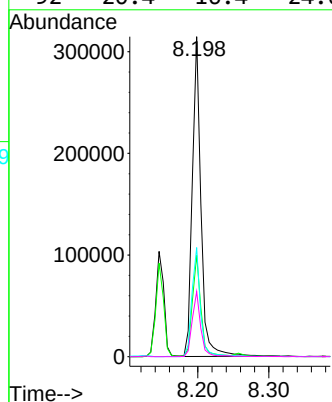
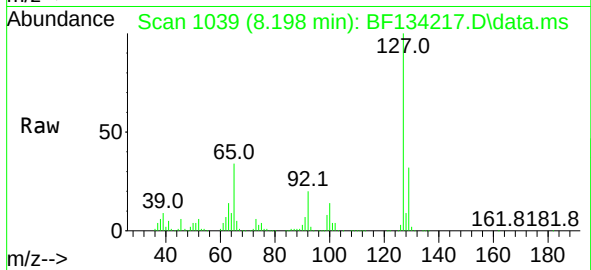
SSTDCCC040

Tgt Ion:127 Resp: 266500
Ion Ratio Lower Upper
127 100
129 31.7 26.4 39.6
65 34.1 27.8 41.8
92 20.4 16.4 24.6

Manual Integrations

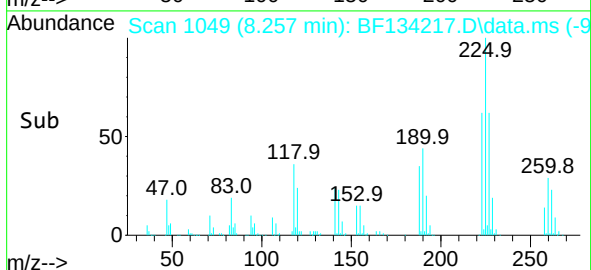
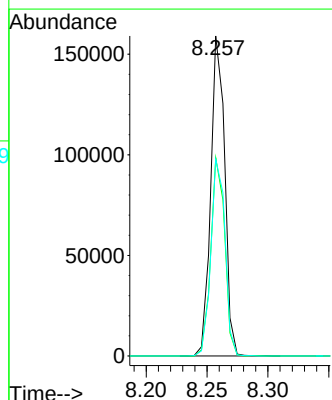
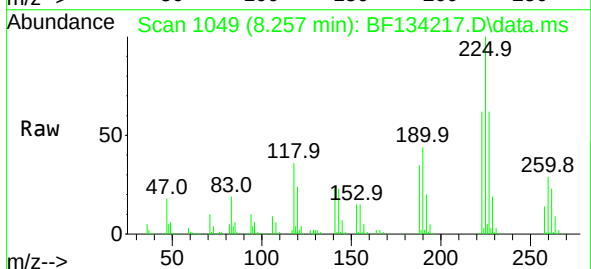
APPROVED

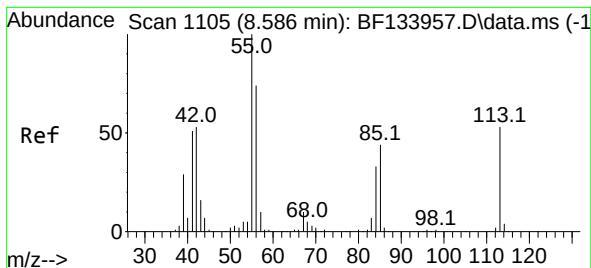
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#34
Hexachlorobutadiene
Concen: 42.105 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23

Tgt Ion:225 Resp: 127139
Ion Ratio Lower Upper
225 100
223 62.0 49.8 74.8
227 61.5 51.0 76.4





#35

Caprolactam

Concen: 36.969 ng

RT: 8.569 min Scan# 1105

Delta R.T. -0.006 min

Lab File: BF134217.D

Acq: 11 Jul 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

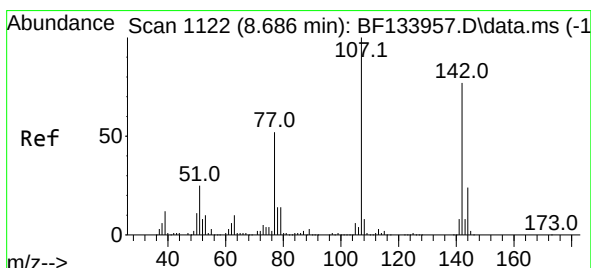
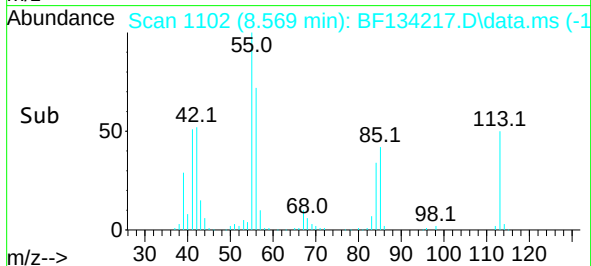
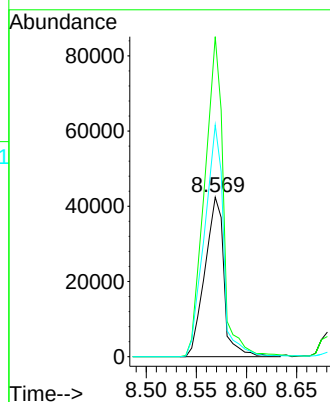
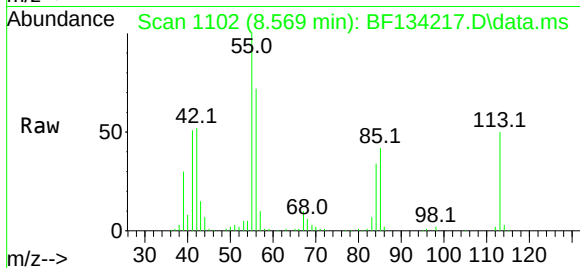
Tgt Ion:	113	Resp:	56470
Ion Ratio	Lower	Upper	
113	100		
55	200.7	170.2	210.2
56	145.3	121.4	161.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/12/2023

Supervised By :mohammad ahmed 07/12/2023



#36

4-Chloro-3-methylphenol

Concen: 39.758 ng

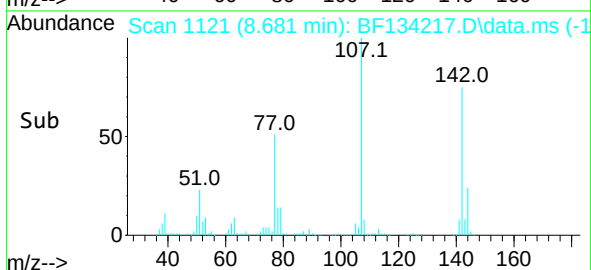
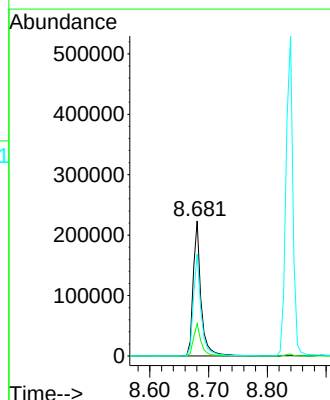
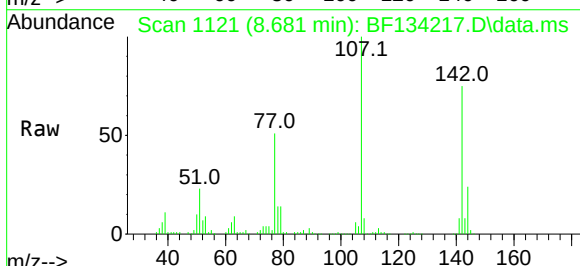
RT: 8.681 min Scan# 1121

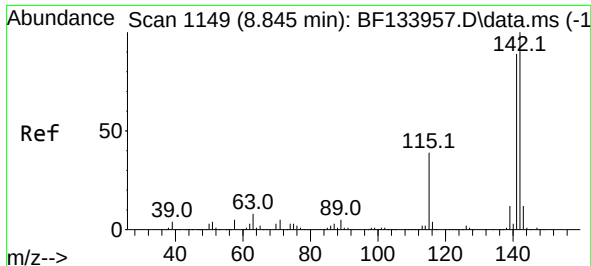
Delta R.T. 0.000 min

Lab File: BF134217.D

Acq: 11 Jul 2023 17:23

Tgt Ion:	107	Resp:	207205
Ion Ratio	Lower	Upper	
107	100		
144	24.0	19.6	29.4
142	75.5	61.4	92.2





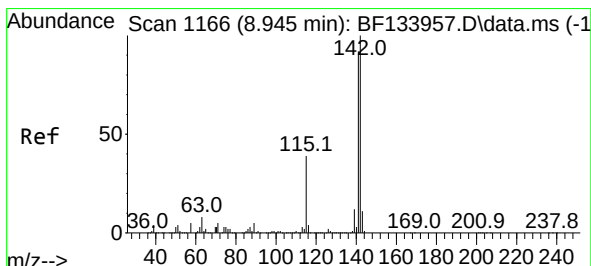
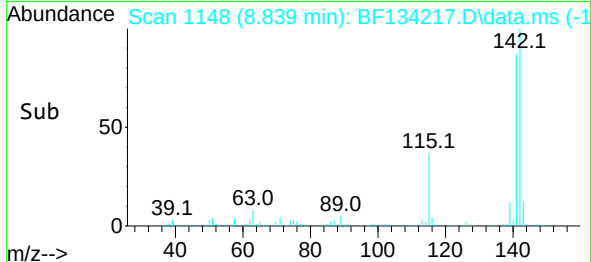
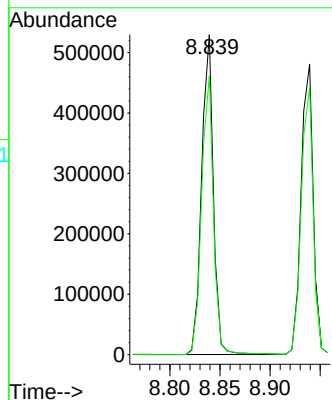
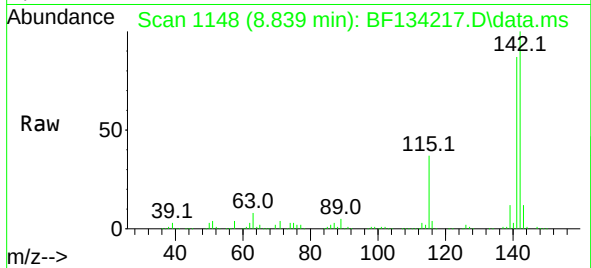
#37
2-Methylnaphthalene
Concen: 38.530 ng
RT: 8.839 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 432530
Ion Ratio Lower Upper
142 100
141 87.1 71.0 106.4

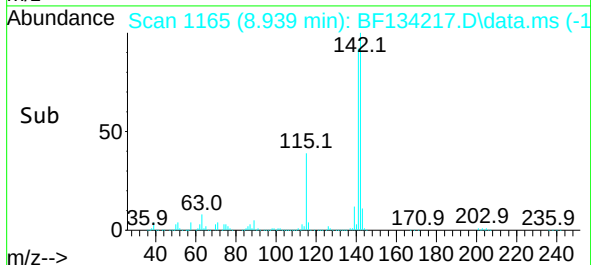
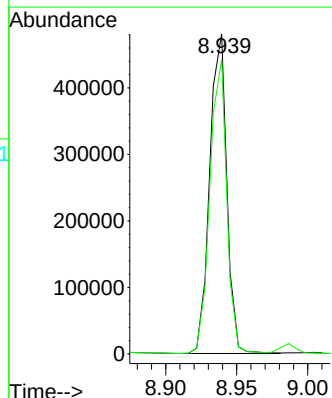
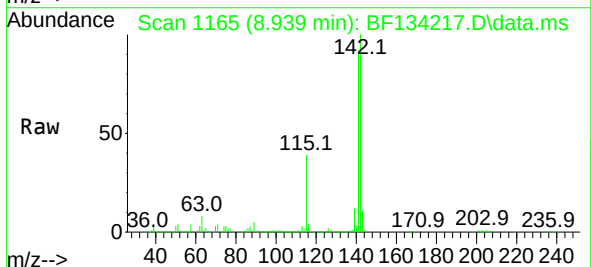
Manual Integrations
APPROVED

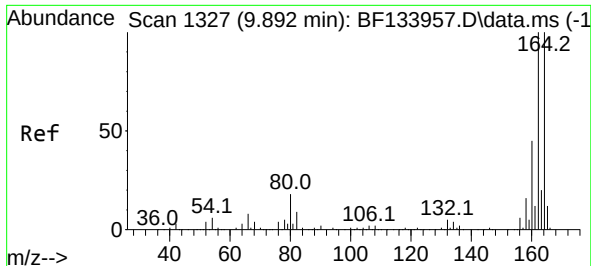
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#38
1-Methylnaphthalene
Concen: 38.573 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23

Tgt Ion:142 Resp: 402554
Ion Ratio Lower Upper
142 100
141 91.9 73.5 110.3





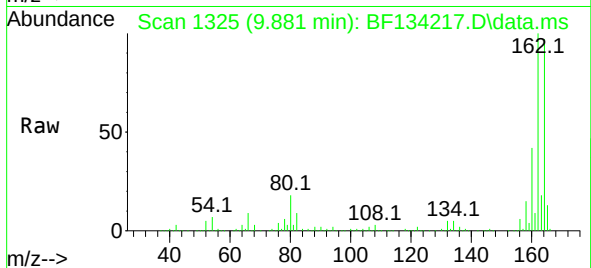
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



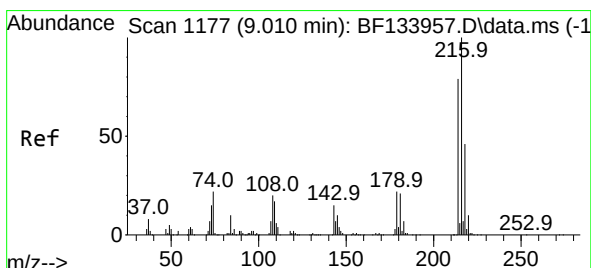
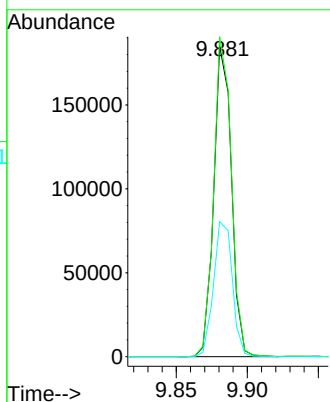
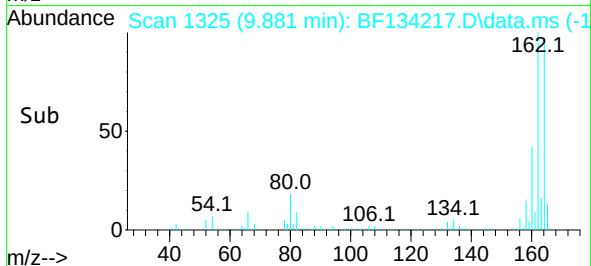
Tgt Ion:164 Resp: 159895
Ion Ratio Lower Upper
164 100
162 103.0 80.0 120.0
160 43.5 35.9 53.9

Manual Integrations

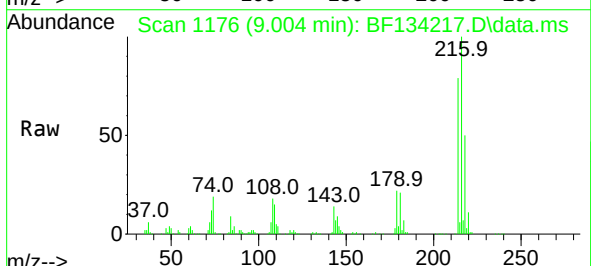
APPROVED

Reviewed By :Yogesh Patel 07/12/2023

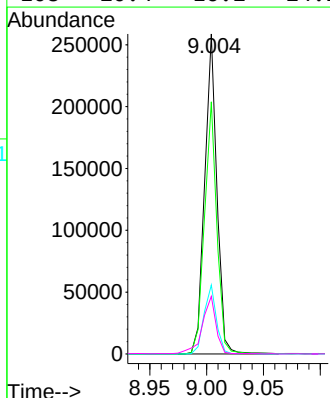
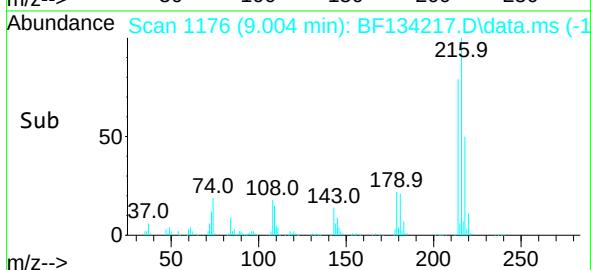
Supervised By :mohammad ahmed 07/12/2023

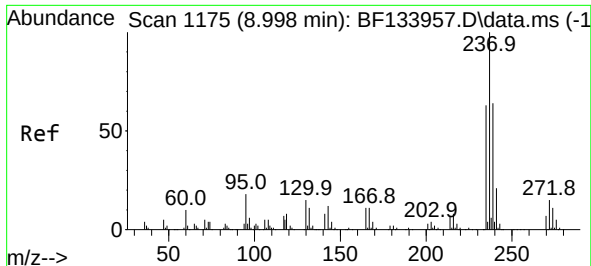


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.927 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23



Tgt Ion:216 Resp: 193875
Ion Ratio Lower Upper
216 100
214 79.4 64.1 96.1
179 21.9 17.3 25.9
108 20.4 16.2 24.2





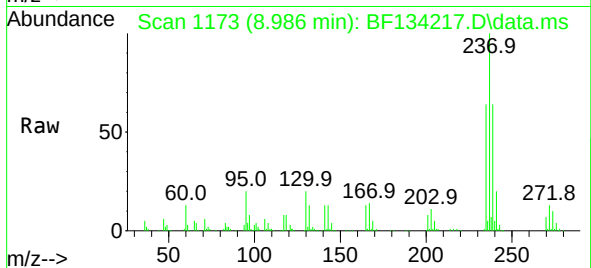
#41
Hexachlorocyclopentadiene
Concen: 39.606 ng
RT: 8.986 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

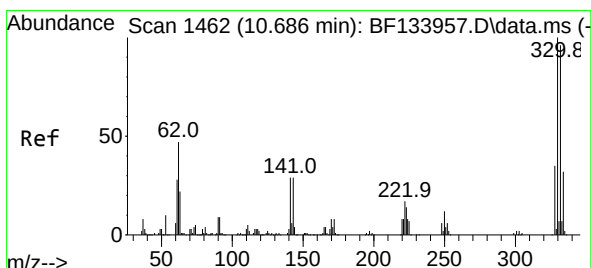
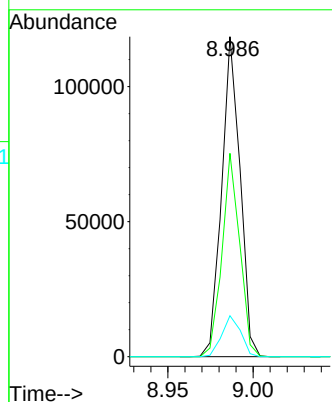
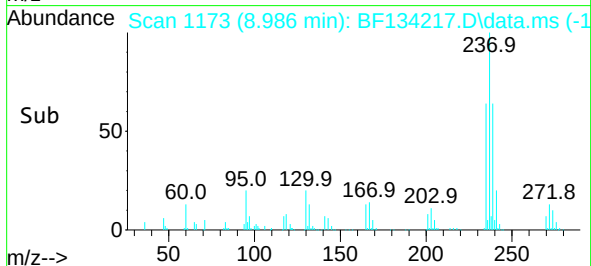


Tgt Ion:237 Resp: 89010
Ion Ratio Lower Upper
237 100
235 63.6 42.8 82.8
272 12.8 0.0 34.6

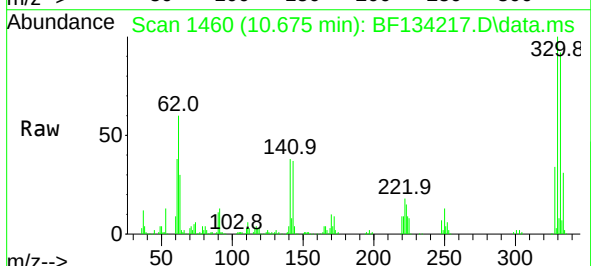
Manual Integrations

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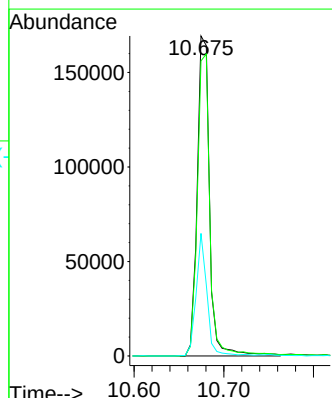
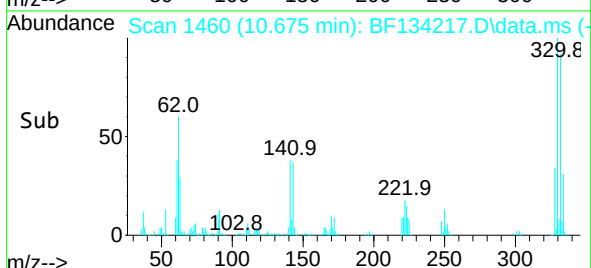
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

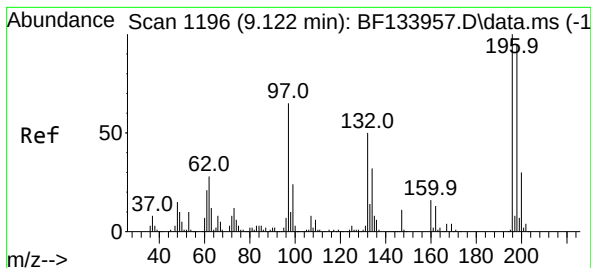


#42
2,4,6-Tribromophenol
Concen: 81.035 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23



Tgt Ion:330 Resp: 162457
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 33.5 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 38.773 ng

RT: 9.116 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF134217.D

Acq: 11 Jul 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:196 Resp: 125035

Ion Ratio Lower Upper

196 100

198 96.4 75.6 113.4

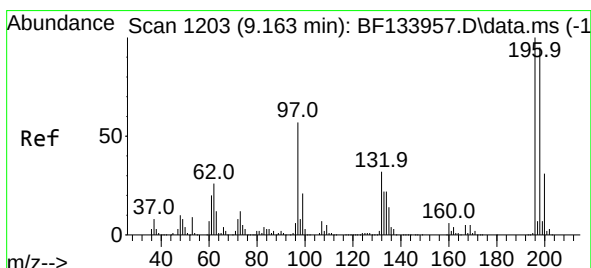
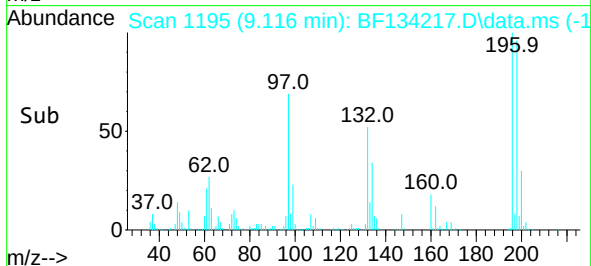
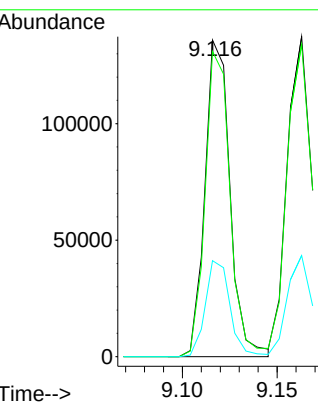
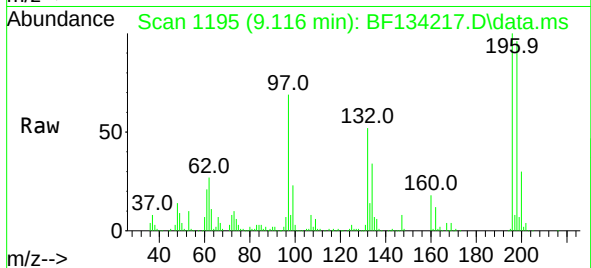
200 30.3 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/12/2023

Supervised By :mohammad ahmed 07/12/2023



#44

2,4,5-Trichlorophenol

Concen: 38.429 ng

RT: 9.163 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF134217.D

Acq: 11 Jul 2023 17:23

Tgt Ion:196 Resp: 145769

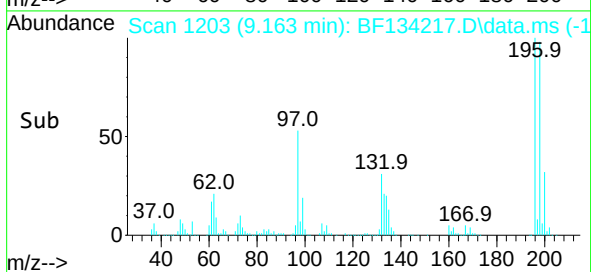
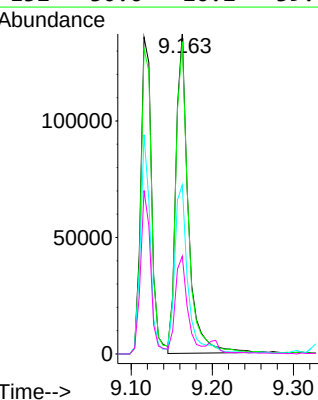
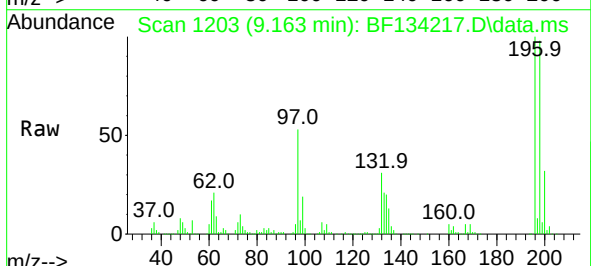
Ion Ratio Lower Upper

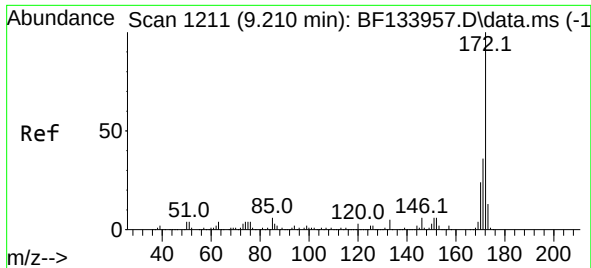
196 100

198 97.6 75.7 113.5

97 52.9 45.8 68.6

132 30.6 26.2 39.4





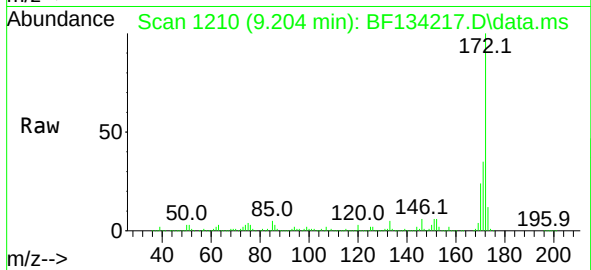
#45
2-Fluorobiphenyl
Concen: 81.798 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

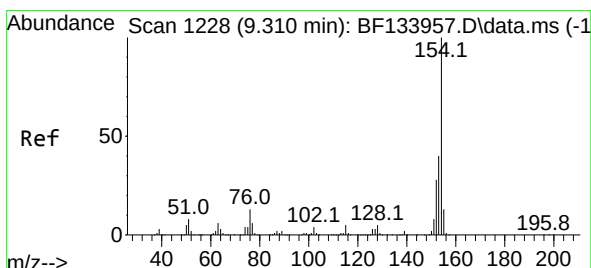
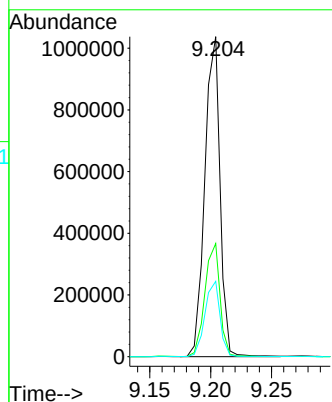
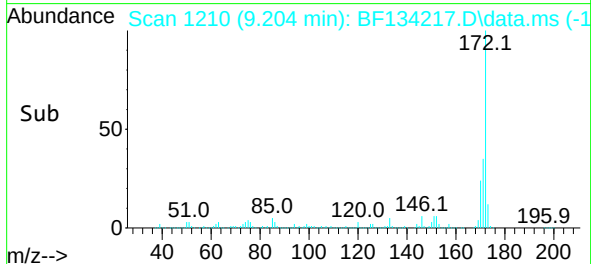


Tgt Ion:172 Resp: 899594
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.6 19.4 29.0

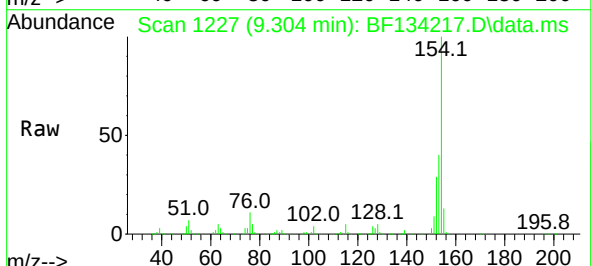
Manual Integrations

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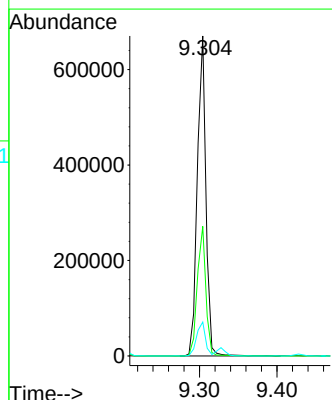
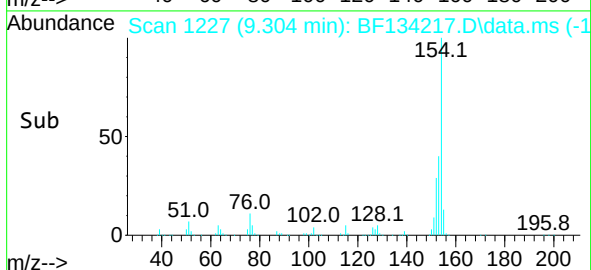
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

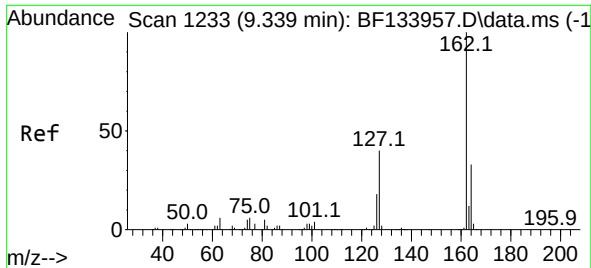


#46
1,1'-Biphenyl
Concen: 40.170 ng
RT: 9.304 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23



Tgt Ion:154 Resp: 515228
Ion Ratio Lower Upper
154 100
153 40.5 19.8 59.8
76 10.6 0.0 32.9





#47

2-Chloronaphthalene

Concen: 40.151 ng

RT: 9.328 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF134217.D

Acq: 11 Jul 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 37679

Ion Ratio Lower Upper

162 100

127 42.8 32.9 49.3

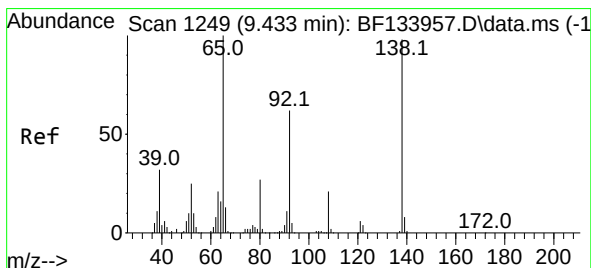
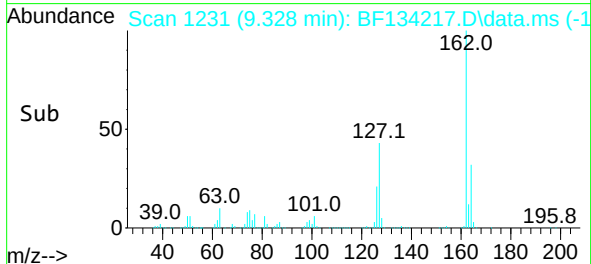
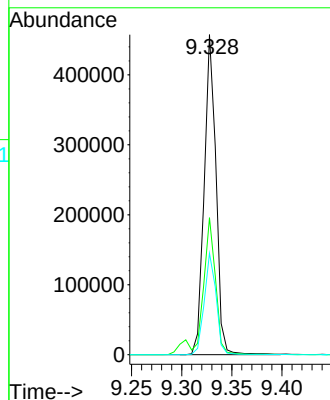
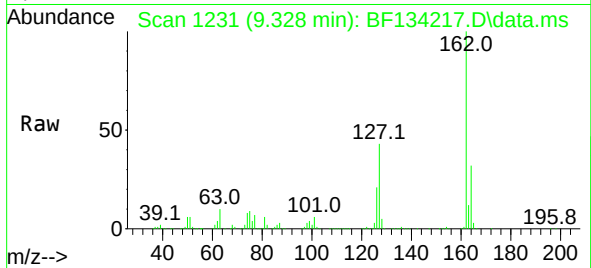
164 31.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/12/2023

Supervised By :mohammad ahmed 07/12/2023



#48

2-Nitroaniline

Concen: 40.101 ng

RT: 9.428 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BF134217.D

Acq: 11 Jul 2023 17:23

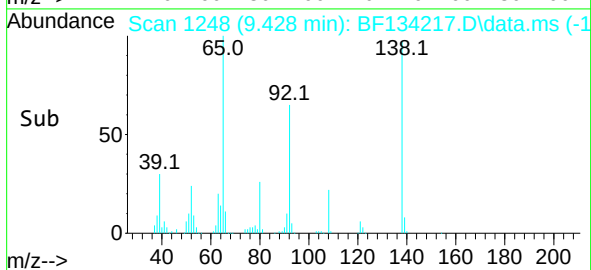
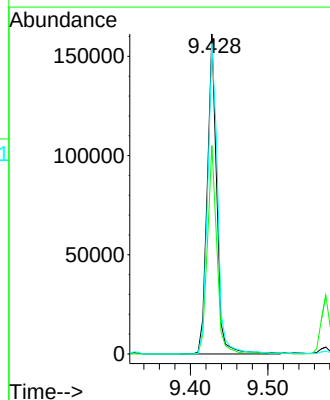
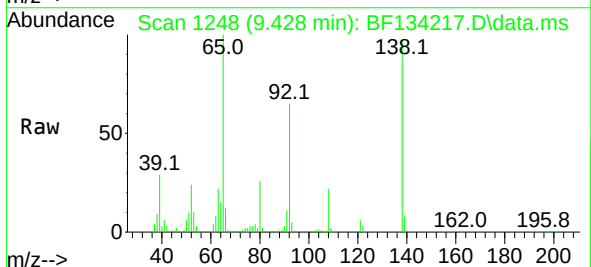
Tgt Ion: 65 Resp: 137150

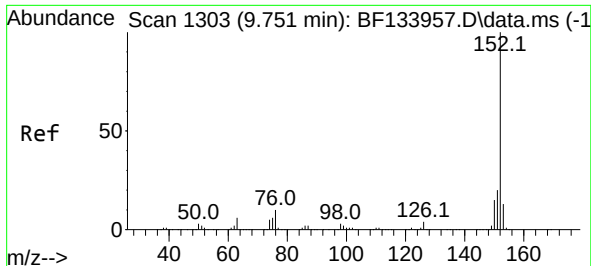
Ion Ratio Lower Upper

65 100

92 65.1 49.5 74.3

138 97.1 78.0 117.0





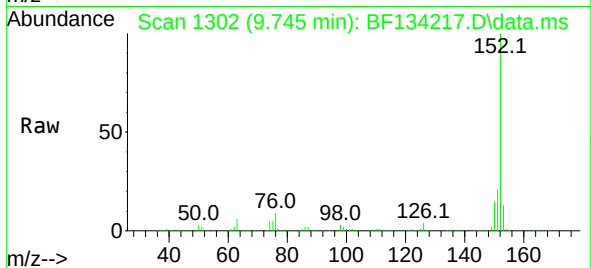
#49
Acenaphthylene
Concen: 39.636 ng
RT: 9.745 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



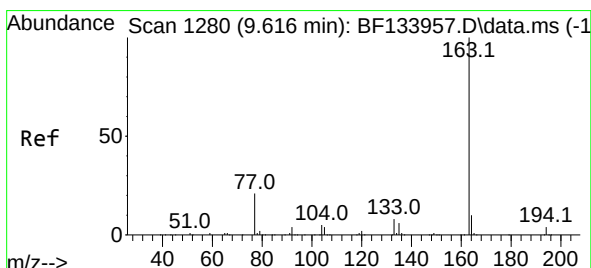
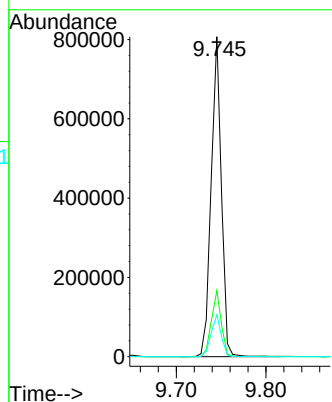
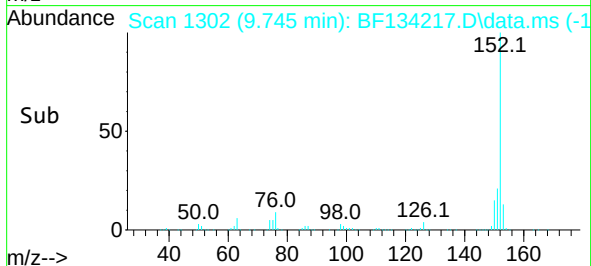
Tgt Ion:152 Resp: 635402
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.2
153 13.1 10.8 16.2

Manual Integrations

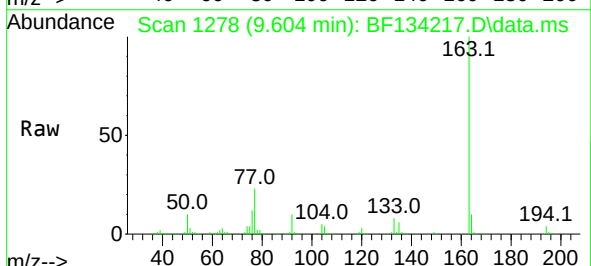
APPROVED

Reviewed By :Yogesh Patel 07/12/2023

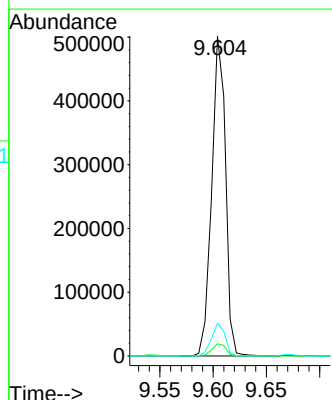
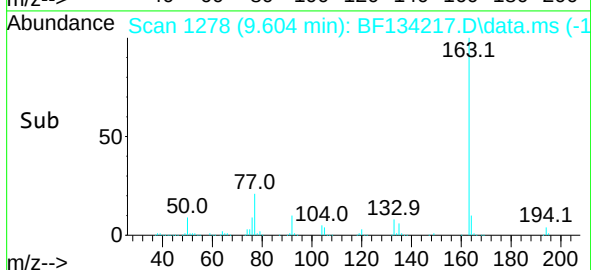
Supervised By :mohammad ahmed 07/12/2023

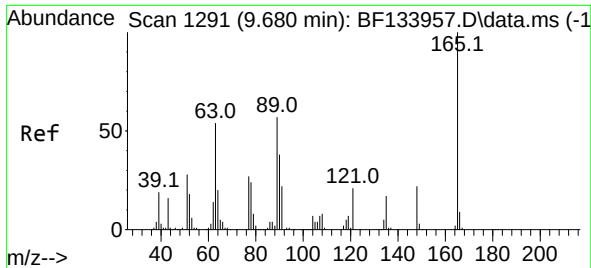


#50
Dimethylphthalate
Concen: 38.888 ng
RT: 9.604 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23



Tgt Ion:163 Resp: 451370
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.3 8.2 12.2





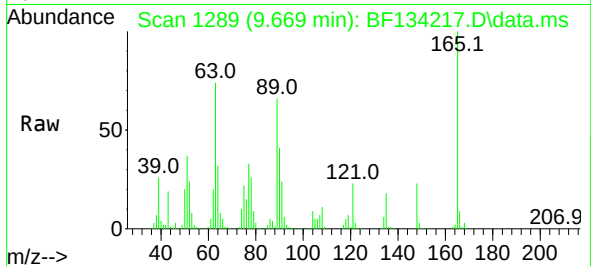
#51
2,6-Dinitrotoluene
Concen: 40.623 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

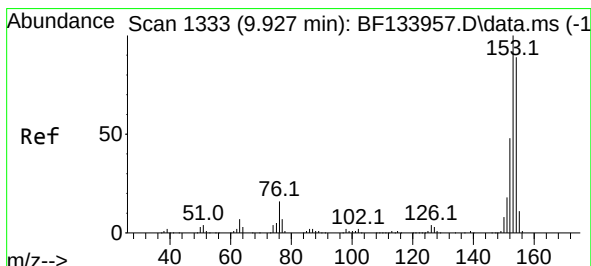
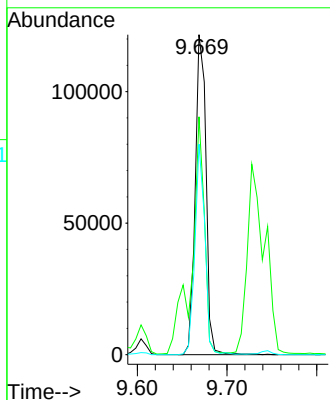
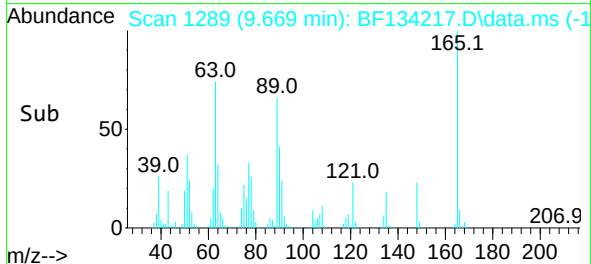


Tgt Ion:165 Resp: 101554
Ion Ratio Lower Upper
165 100
63 74.4 48.5 72.7
89 65.8 45.5 68.3

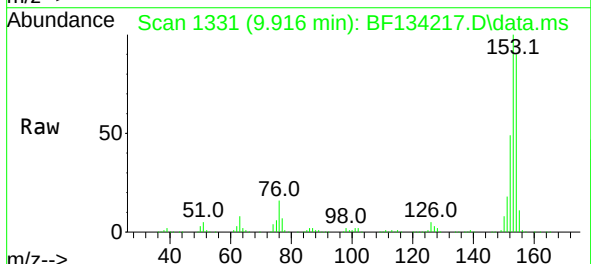
Manual Integrations

APPROVED

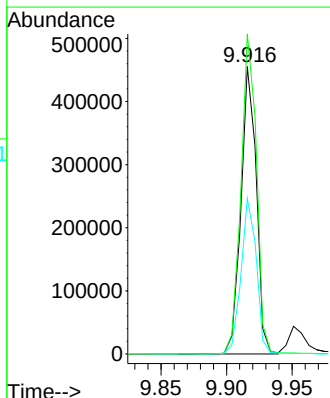
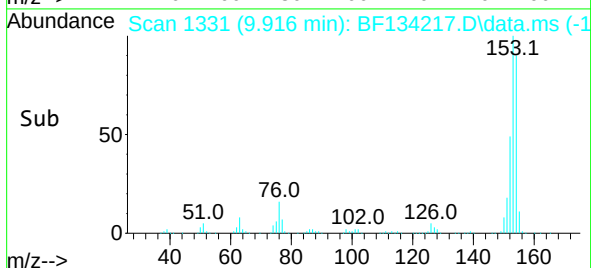
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

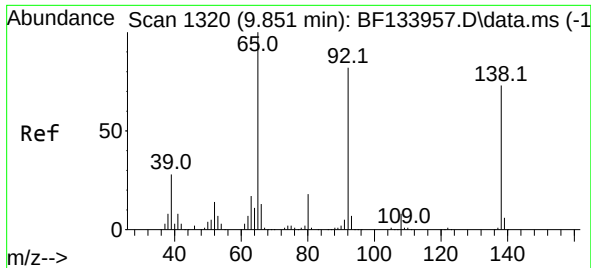


#52
Acenaphthene
Concen: 39.874 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23



Tgt Ion:154 Resp: 370912
Ion Ratio Lower Upper
154 100
153 111.4 89.4 134.2
152 54.1 42.8 64.2





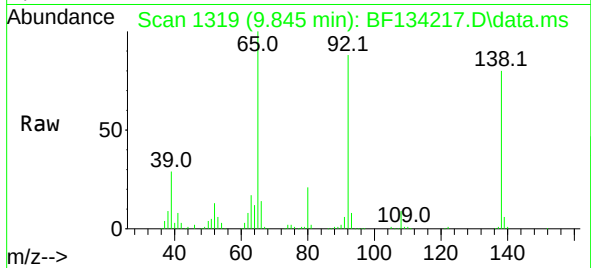
#53
3-Nitroaniline
Concen: 38.424 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



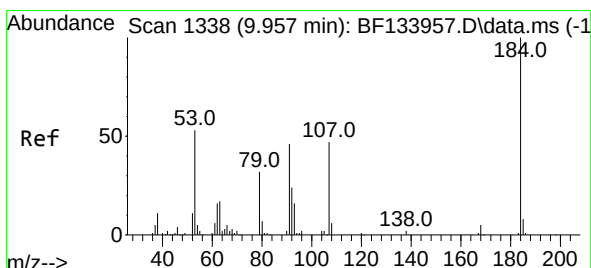
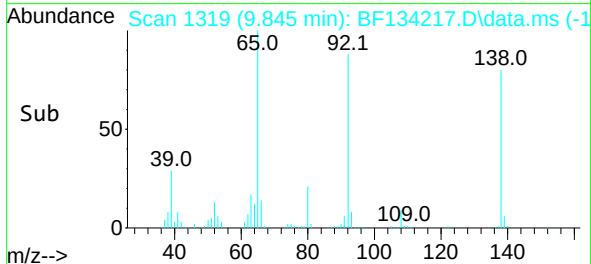
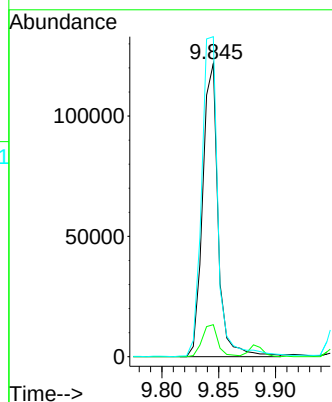
Tgt Ion:138 Resp: 115238
Ion Ratio Lower Upper
138 100
108 10.9 8.4 12.6
92 109.2 90.1 135.1

Manual Integrations

APPROVED

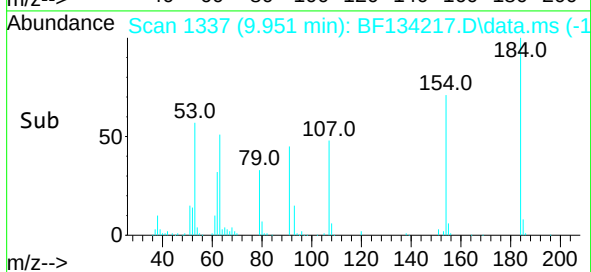
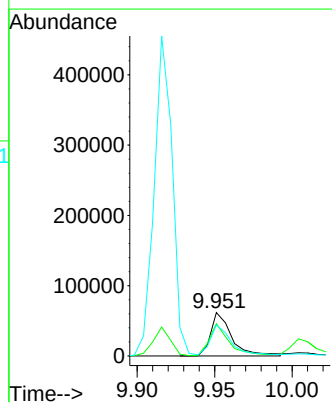
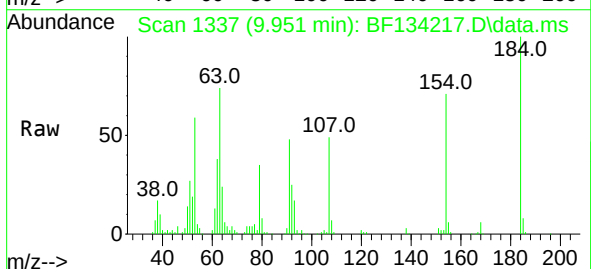
Reviewed By :Yogesh Patel 07/12/2023

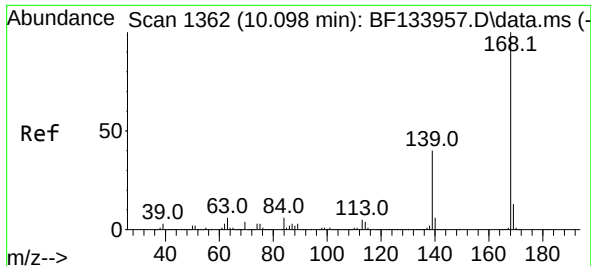
Supervised By :mohammad ahmed 07/12/2023



#54
2,4-Dinitrophenol
Concen: 42.366 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23

Tgt Ion:184 Resp: 58408
Ion Ratio Lower Upper
184 100
63 74.4 56.9 85.3
154 71.0 55.4 83.0





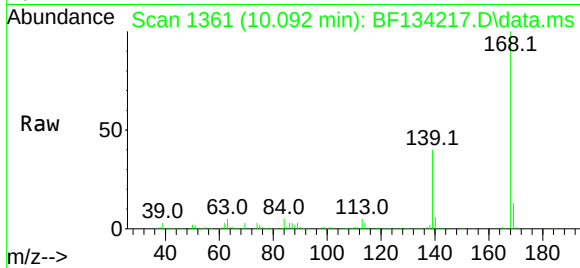
#55
Dibenzofuran
Concen: 39.435 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



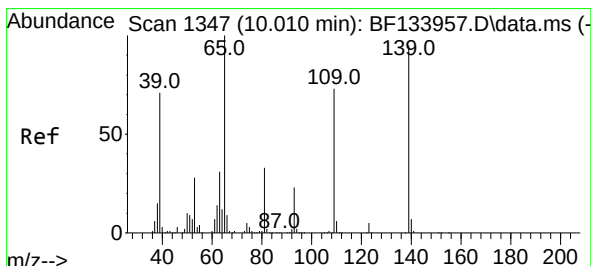
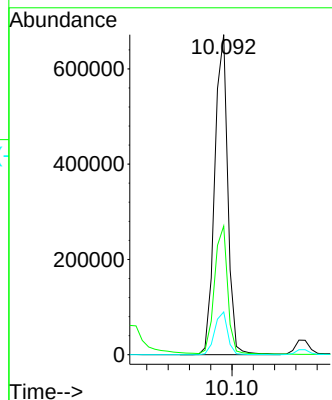
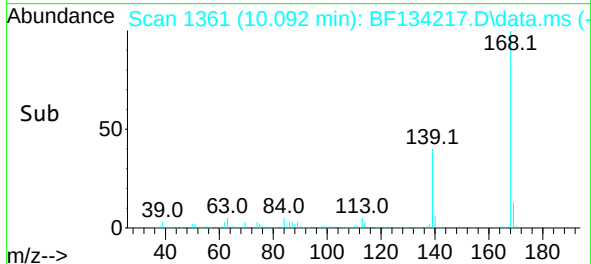
Tgt Ion:168 Resp: 573289
Ion Ratio Lower Upper
168 100
139 40.2 32.0 48.0
169 13.4 10.6 16.0

Manual Integrations

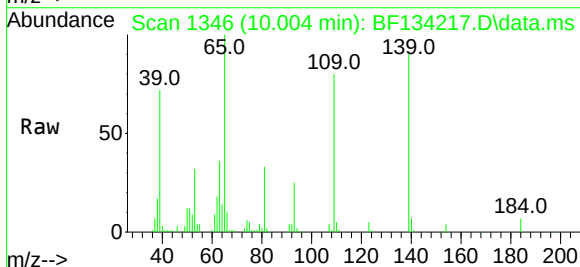
APPROVED

Reviewed By :Yogesh Patel 07/12/2023

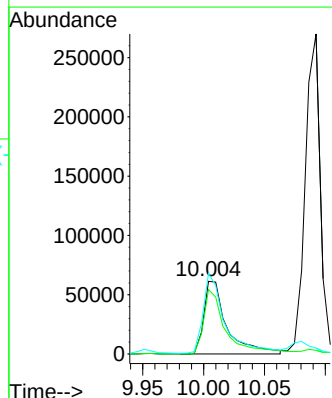
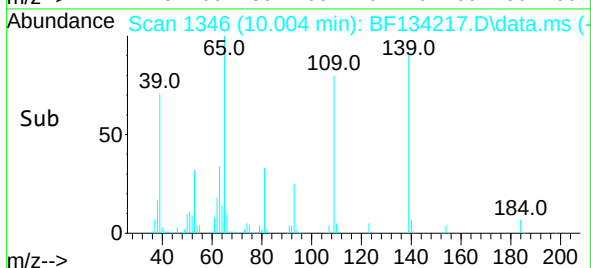
Supervised By :mohammad ahmed 07/12/2023

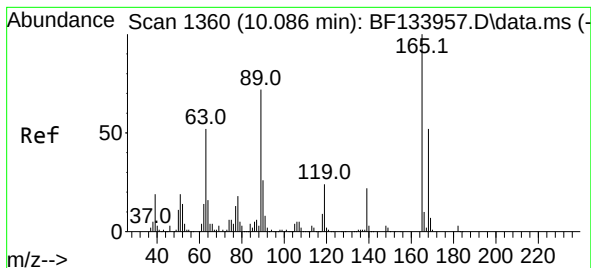


#56
4-Nitrophenol
Concen: 38.790 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23



Tgt Ion:139 Resp: 81374
Ion Ratio Lower Upper
139 100
109 88.5 56.8 96.8
65 110.9 86.1 126.1





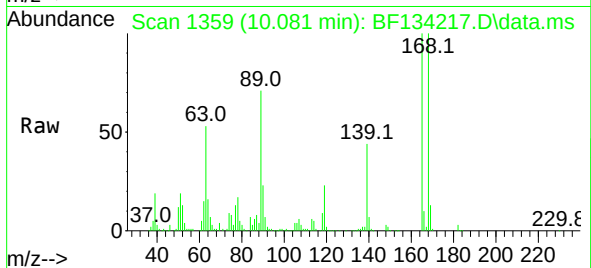
#57
2,4-Dinitrotoluene
Concen: 40.918 ng
RT: 10.081 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



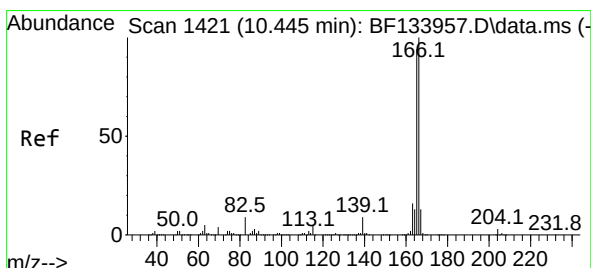
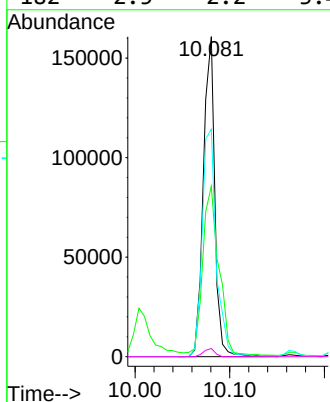
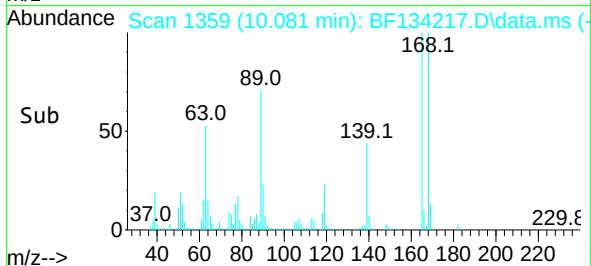
Tgt Ion:165 Resp: 13508
Ion Ratio Lower Upper
165 100
63 53.3 42.2 63.2
89 71.1 57.4 86.2
182 2.5 2.2 3.4

Manual Integrations

APPROVED

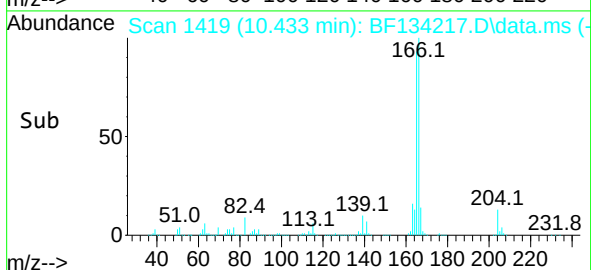
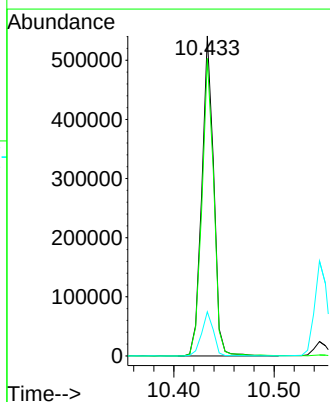
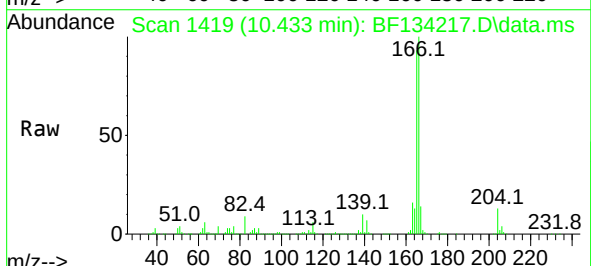
Reviewed By :Yogesh Patel 07/12/2023

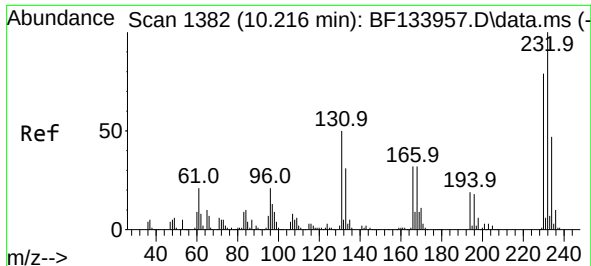
Supervised By :mohammad ahmed 07/12/2023



#58
Fluorene
Concen: 39.517 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23

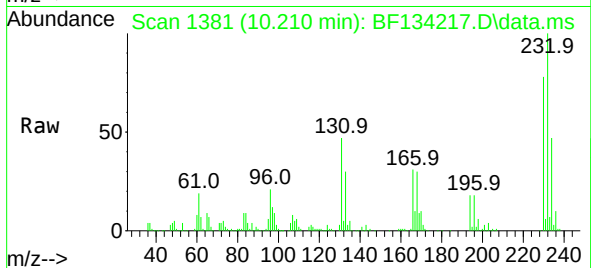
Tgt Ion:166 Resp: 446940
Ion Ratio Lower Upper
166 100
165 92.9 75.0 112.4
167 13.8 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.181 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.000 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23

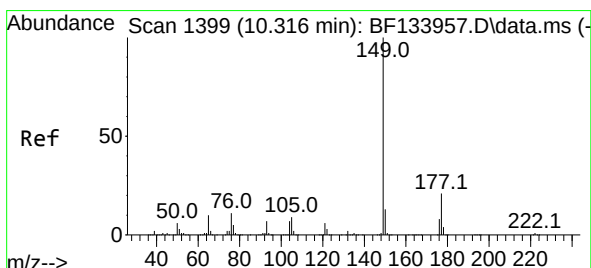
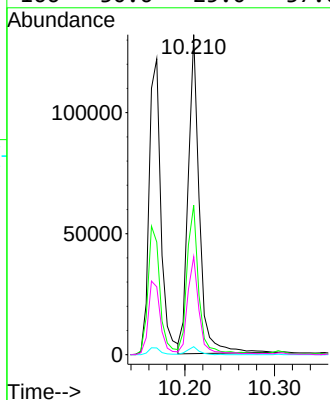
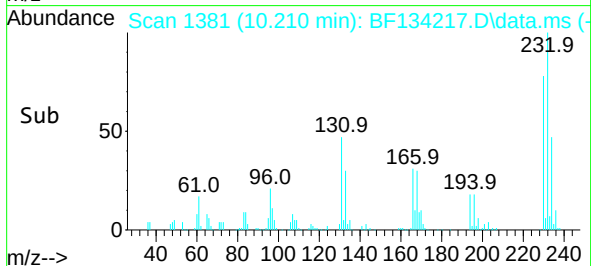
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



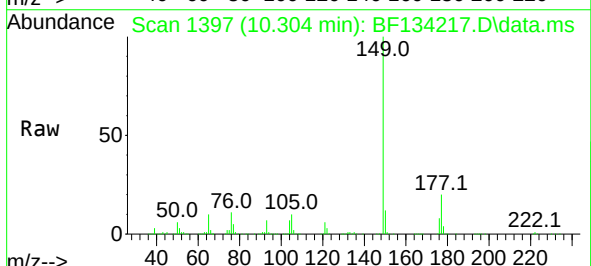
Tgt Ion:232 Resp: 114240
Ion Ratio Lower Upper
232 100
131 47.8 39.3 58.9
130 2.6 1.8 2.6
166 30.6 25.0 37.6

Manual Integrations
APPROVED

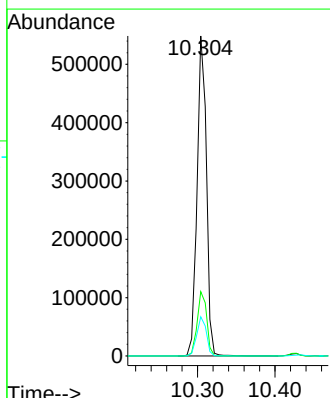
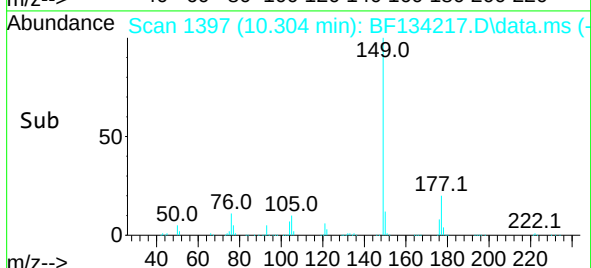
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

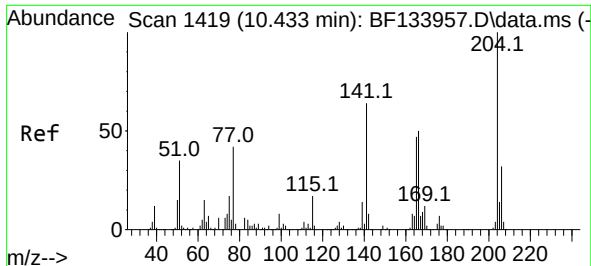


#60
Diethylphthalate
Concen: 37.970 ng
RT: 10.304 min Scan# 1397
Delta R.T. -0.006 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23



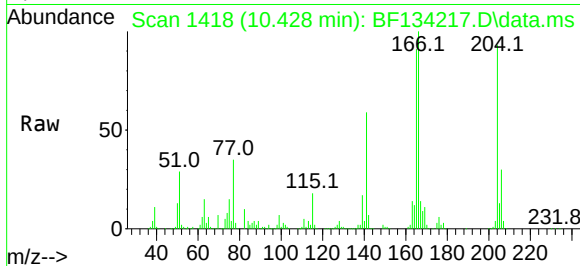
Tgt Ion:149 Resp: 459157
Ion Ratio Lower Upper
149 100
177 20.1 17.0 25.6
150 12.3 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 38.106 ng
RT: 10.428 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23

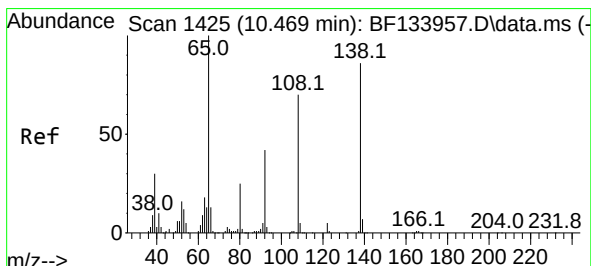
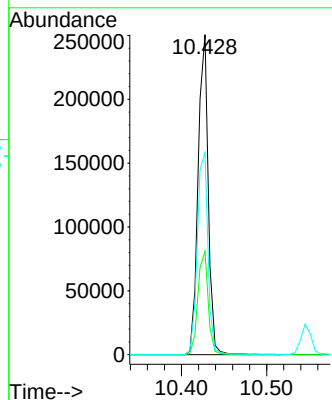
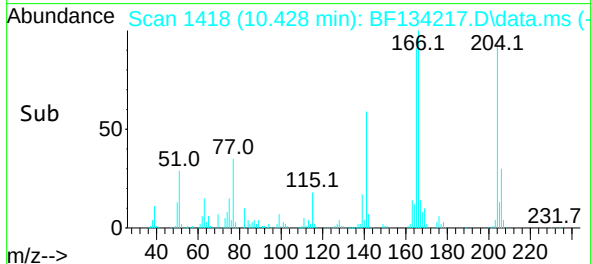
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



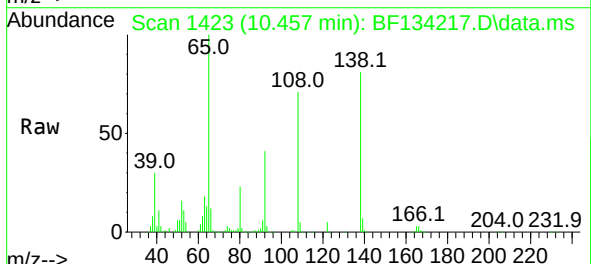
Tgt Ion:204 Resp: 207698
Ion Ratio Lower Upper
204 100
206 32.3 25.8 38.6
141 63.2 51.5 77.3

Manual Integrations
APPROVED

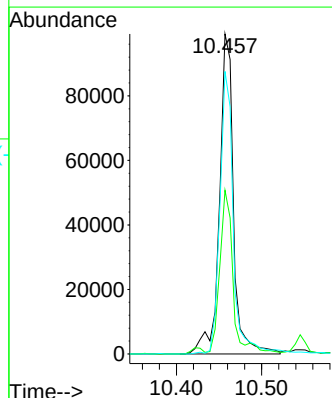
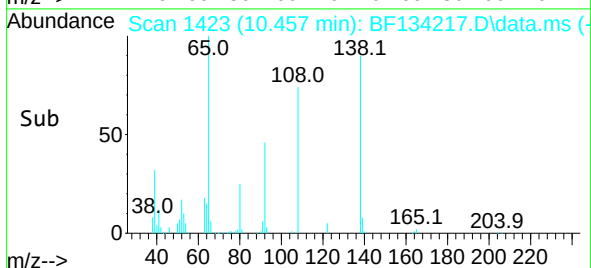
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

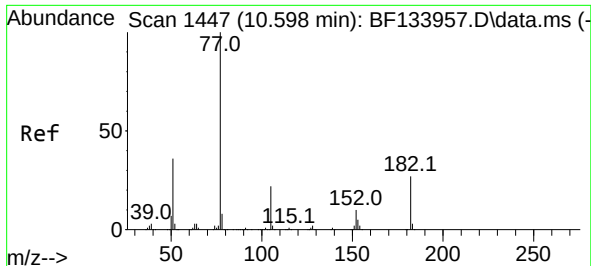


#62
4-Nitroaniline
Concen: 37.513 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23



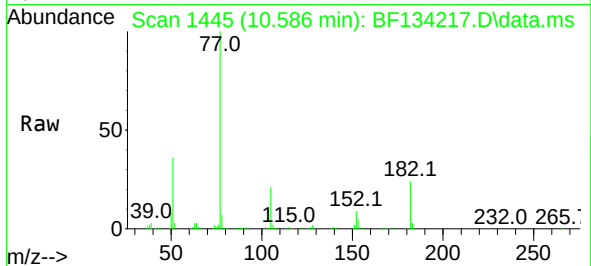
Tgt Ion:138 Resp: 113381
Ion Ratio Lower Upper
138 100
92 51.2 29.7 69.7
108 88.3 62.1 102.1





#63
Azobenzene
Concen: 37.515 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23

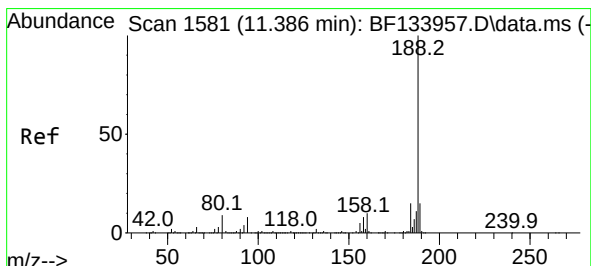
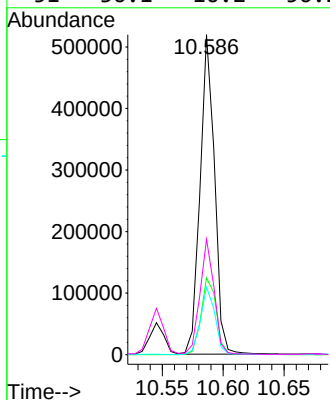
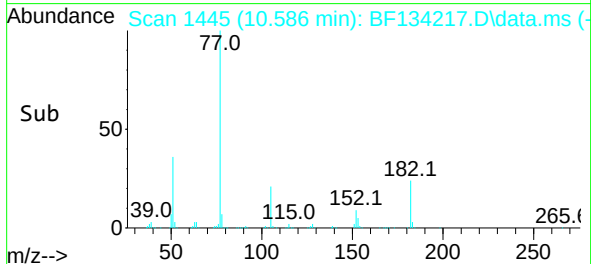
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



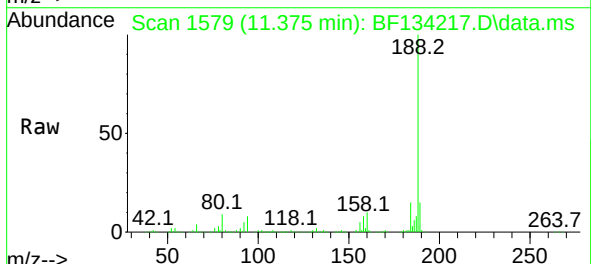
Tgt Ion: 77 Resp: 42912
Ion Ratio Lower Upper
77 100
182 24.0 6.8 46.8
105 21.2 2.3 42.3
51 36.1 16.2 56.2

Manual Integrations
APPROVED

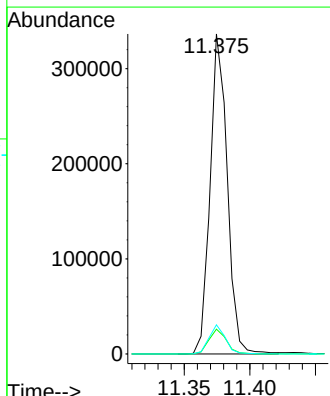
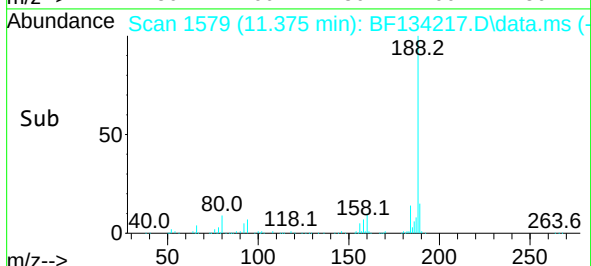
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

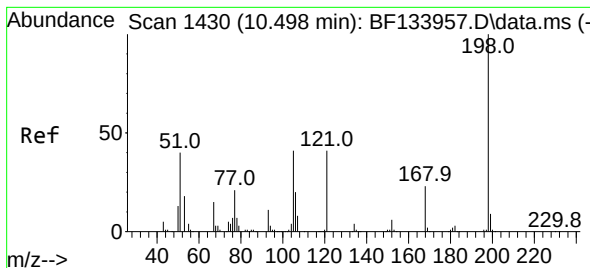


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23



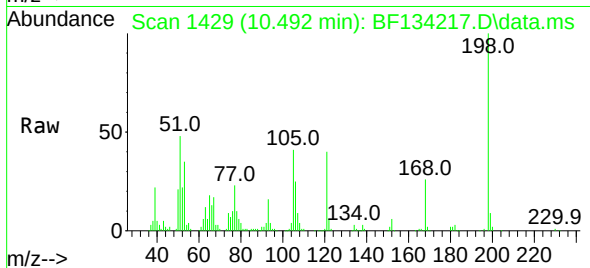
Tgt Ion:188 Resp: 306210
Ion Ratio Lower Upper
188 100
94 7.8 6.4 9.6
80 9.1 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 40.620 ng
RT: 10.492 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23

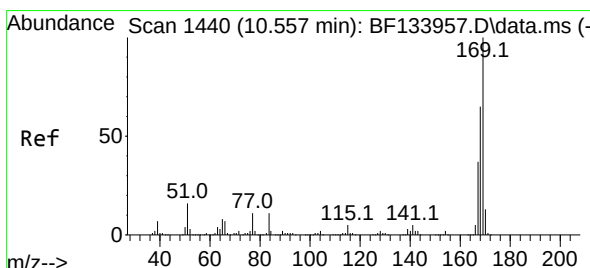
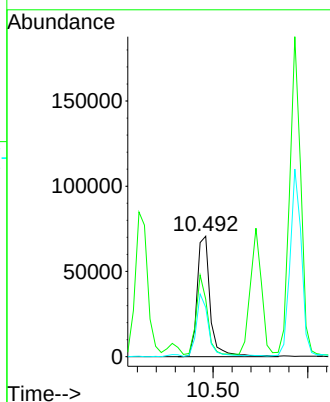
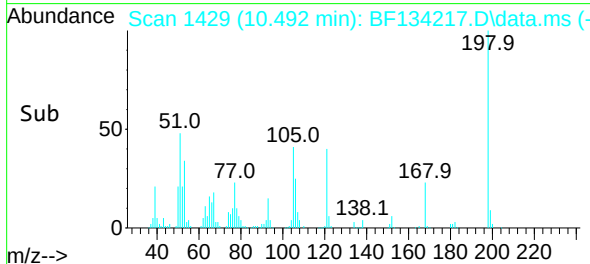
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



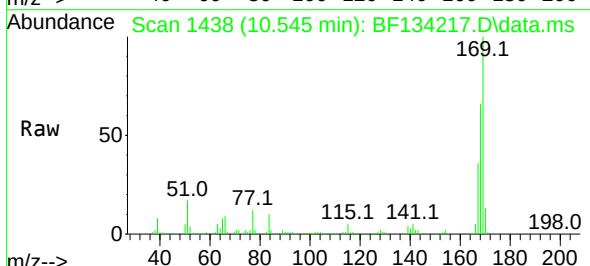
Tgt Ion:198 Resp: 67812
Ion Ratio Lower Upper
198 100
51 47.7 29.3 69.3
105 40.9 22.4 62.4

Manual Integrations
APPROVED

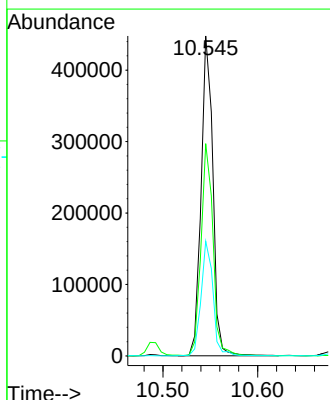
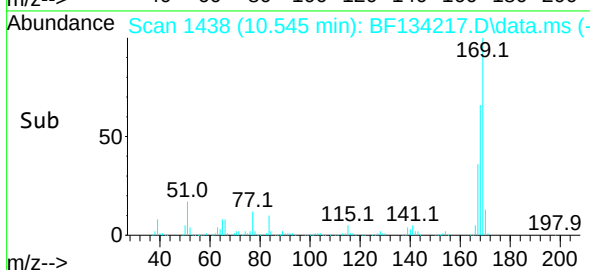
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

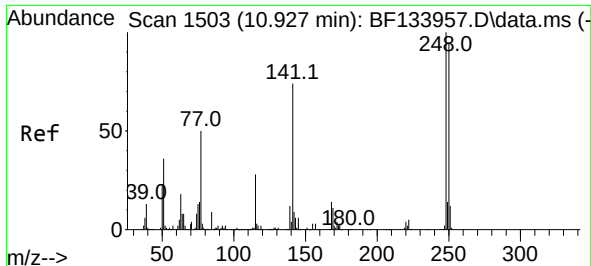


#66
n-Nitrosodiphenylamine
Concen: 39.522 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23



Tgt Ion:169 Resp: 386668
Ion Ratio Lower Upper
169 100
168 66.3 52.3 78.5
167 35.9 29.4 44.0





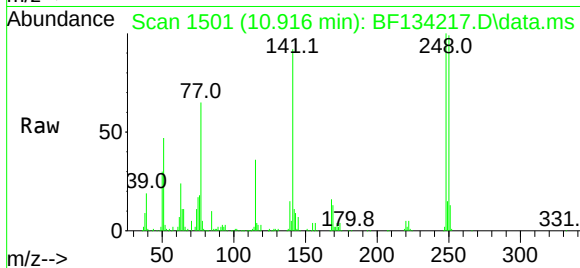
#67
4-Bromophenyl-phenylether
Concen: 39.706 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



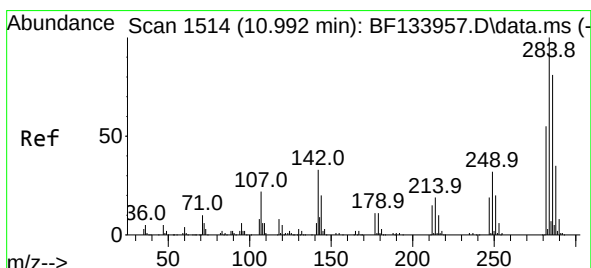
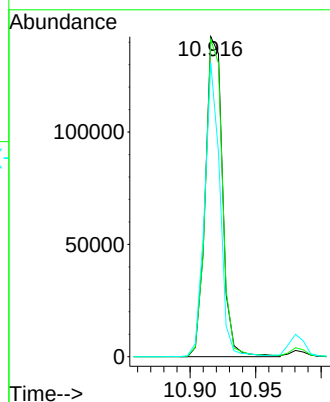
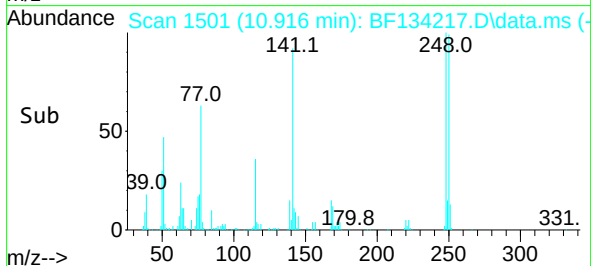
Tgt Ion:248 Resp: 12923
Ion Ratio Lower Upper
248 100
250 99.1 76.2 114.4
141 91.7 59.0 88.4

Manual Integrations

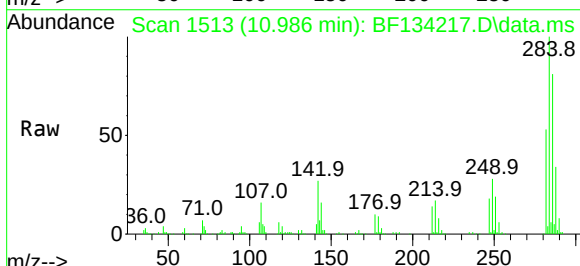
APPROVED

Reviewed By :Yogesh Patel 07/12/2023

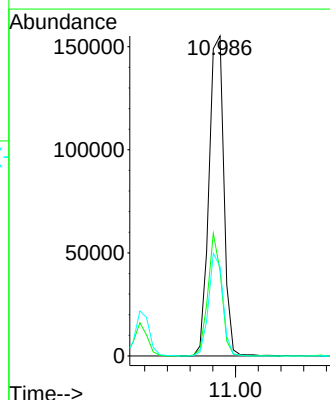
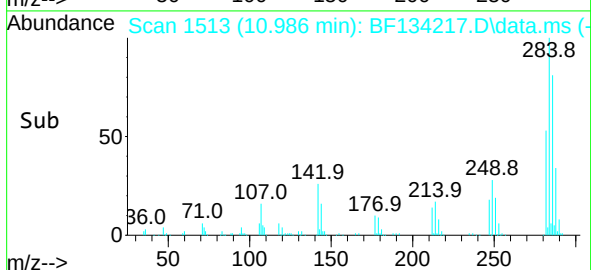
Supervised By :mohammad ahmed 07/12/2023

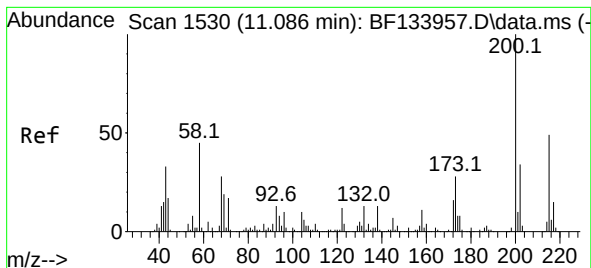


#68
Hexachlorobenzene
Concen: 40.825 ng
RT: 10.986 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23



Tgt Ion:284 Resp: 141079
Ion Ratio Lower Upper
284 100
142 26.6 26.6 40.0#
249 28.0 25.5 38.3





#69

Atrazine

Concen: 38.814 ng

RT: 11.075 min Scan# 1528

Delta R.T. -0.006 min

Lab File: BF134217.D

Acq: 11 Jul 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 10503

Ion Ratio Lower Upper

200 100

173 28.0 8.0 48.0

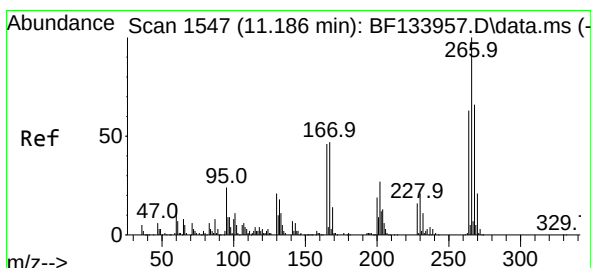
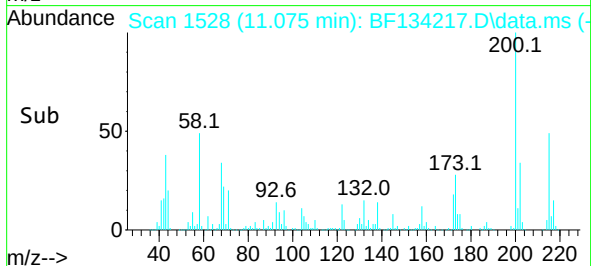
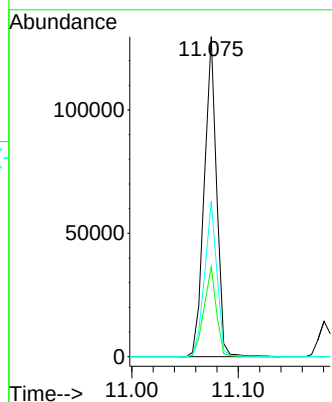
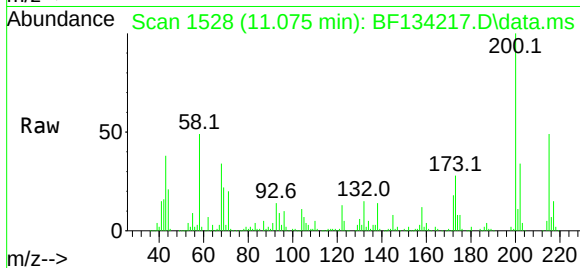
215 48.6 29.3 69.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/12/2023

Supervised By :mohammad ahmed 07/12/2023



#70

Pentachlorophenol

Concen: 37.757 ng

RT: 11.180 min Scan# 1546

Delta R.T. -0.006 min

Lab File: BF134217.D

Acq: 11 Jul 2023 17:23

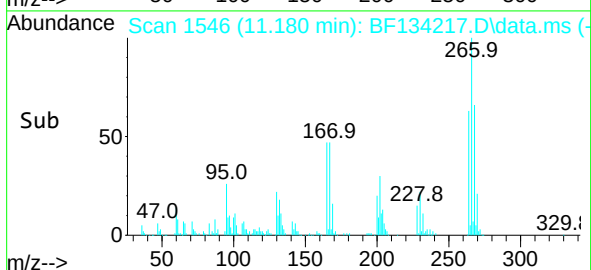
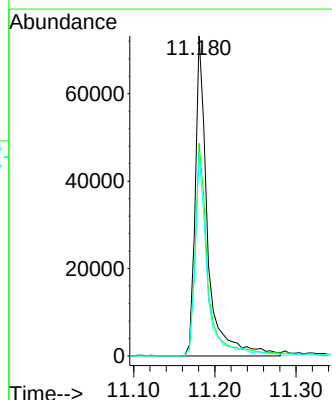
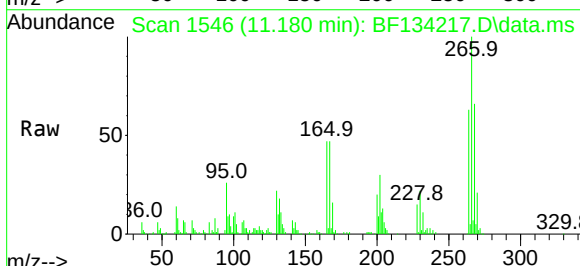
Tgt Ion:266 Resp: 78013

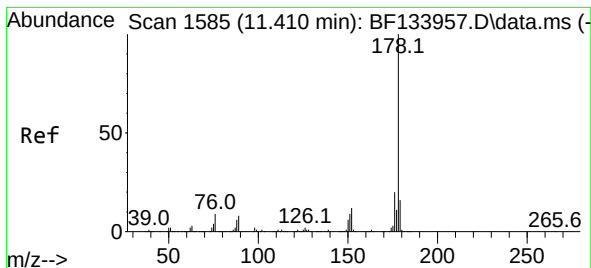
Ion Ratio Lower Upper

266 100

268 66.4 52.6 79.0

264 63.2 50.6 76.0





#71

Phenanthrene

Concen: 39.947 ng

RT: 11.404 min Scan# 1584

Delta R.T. 0.000 min

Lab File: BF134217.D

Acq: 11 Jul 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

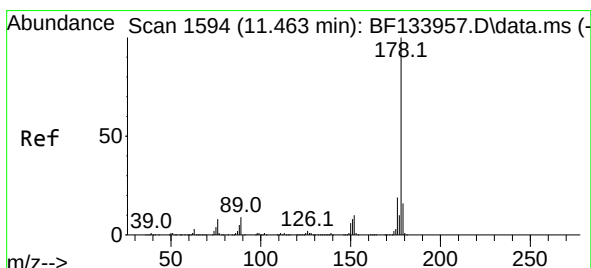
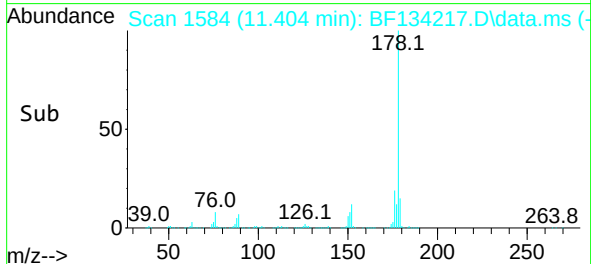
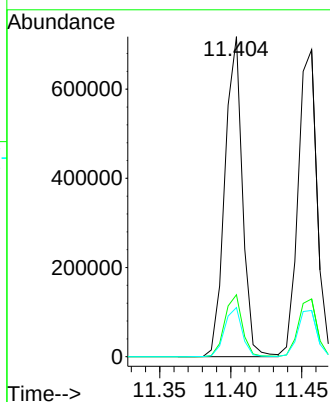
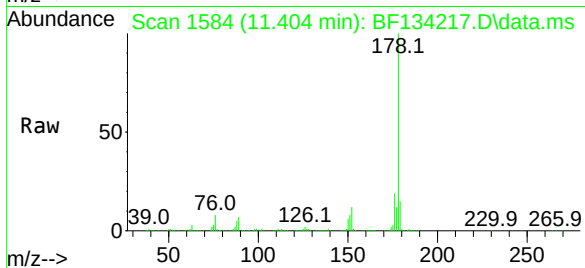
Tgt Ion:178 Resp: 615795
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.0 24.0
 179 15.3 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/12/2023

Supervised By :mohammad ahmed 07/12/2023



#72

Anthracene

Concen: 40.377 ng

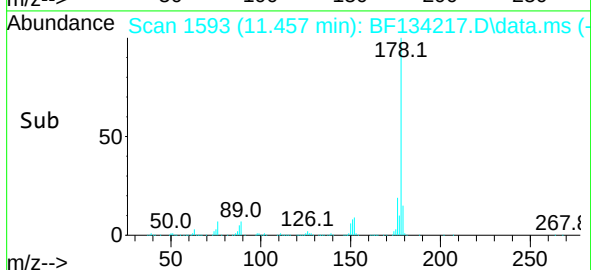
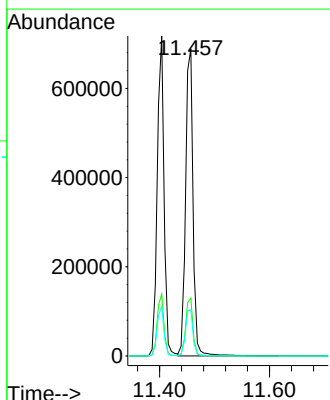
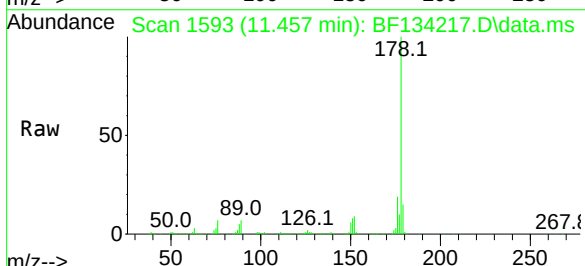
RT: 11.457 min Scan# 1593

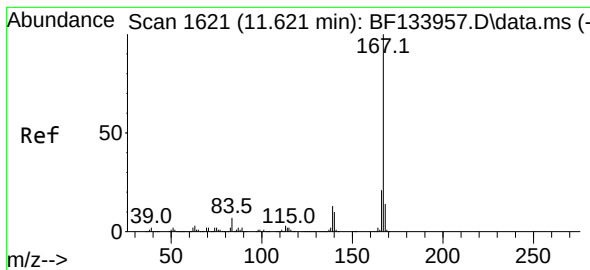
Delta R.T. 0.000 min

Lab File: BF134217.D

Acq: 11 Jul 2023 17:23

Tgt Ion:178 Resp: 647384
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.3 22.9
 179 15.1 12.4 18.6





#73

Carbazole

Concen: 39.808 ng

RT: 11.616 min Scan# 1620

Delta R.T. 0.000 min

Lab File: BF134217.D

Acq: 11 Jul 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:167 Resp: 584210

Ion Ratio Lower Upper

167 100

166 21.5 17.0 25.6

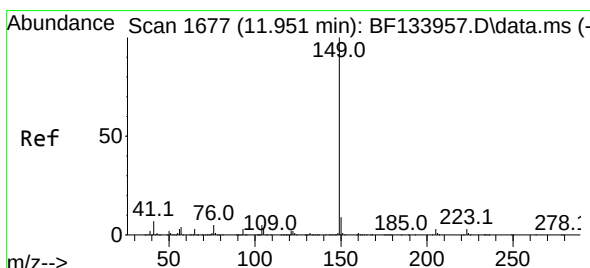
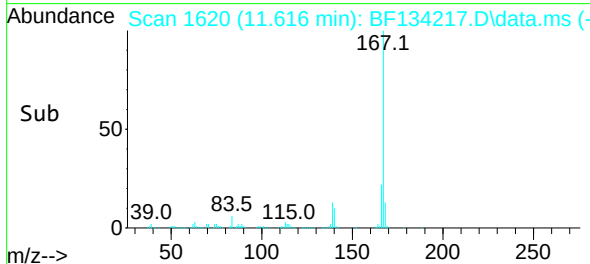
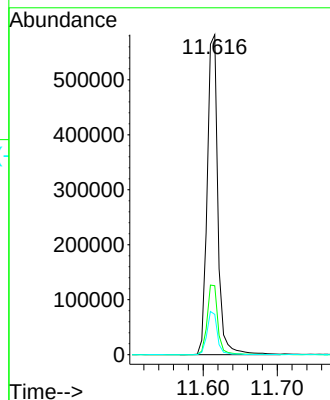
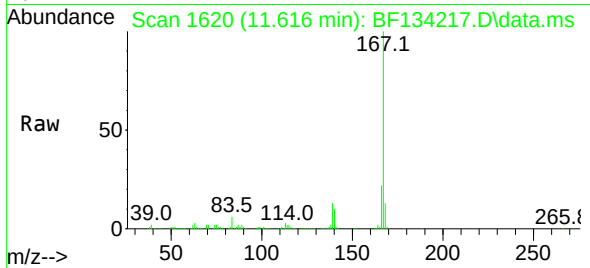
139 12.6 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/12/2023

Supervised By :mohammad ahmed 07/12/2023



#74

Di-n-butylphthalate

Concen: 38.461 ng

RT: 11.939 min Scan# 1675

Delta R.T. -0.006 min

Lab File: BF134217.D

Acq: 11 Jul 2023 17:23

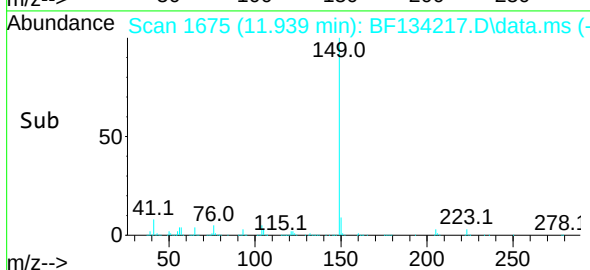
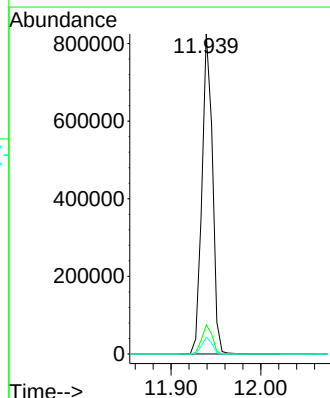
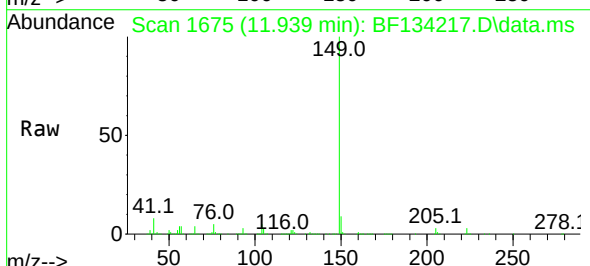
Tgt Ion:149 Resp: 671222

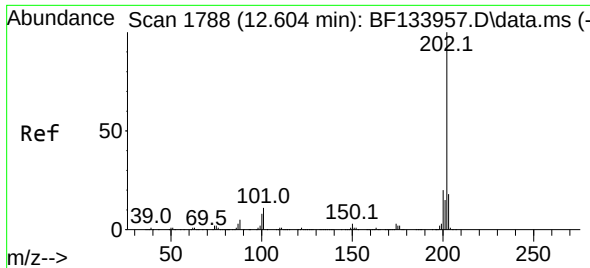
Ion Ratio Lower Upper

149 100

150 9.1 7.1 10.7

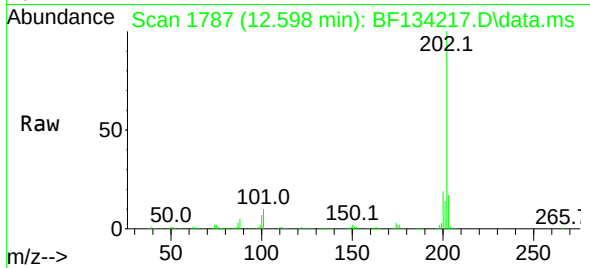
104 5.2 4.0 6.0





#75
Fluoranthene
Concen: 39.067 ng
RT: 12.598 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23

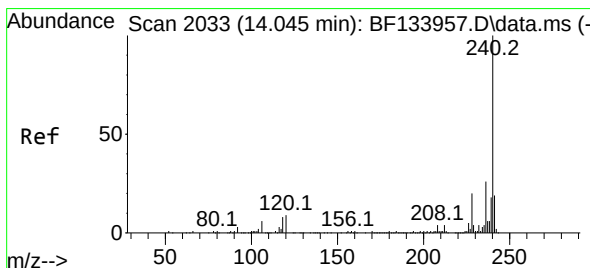
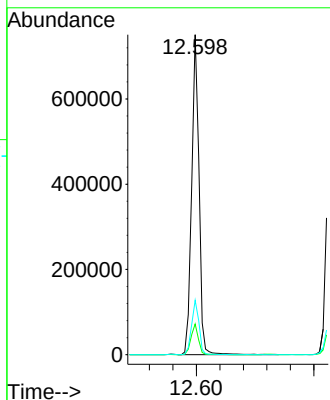
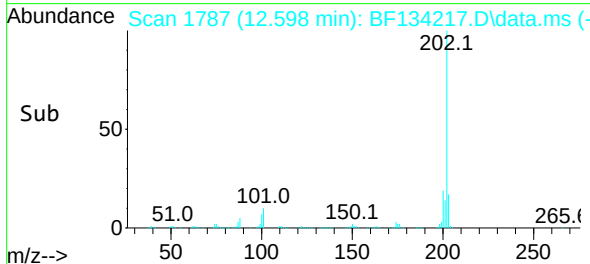
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



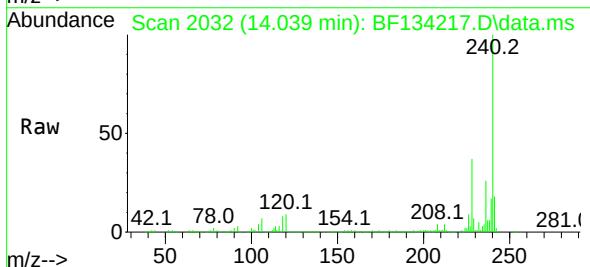
Tgt Ion:202 Resp: 651050
Ion Ratio Lower Upper
202 100
101 9.6 0.0 31.0
203 17.0 0.0 37.6

Manual Integrations
APPROVED

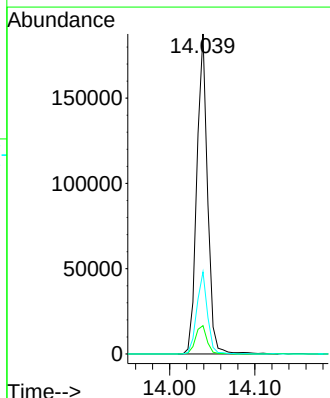
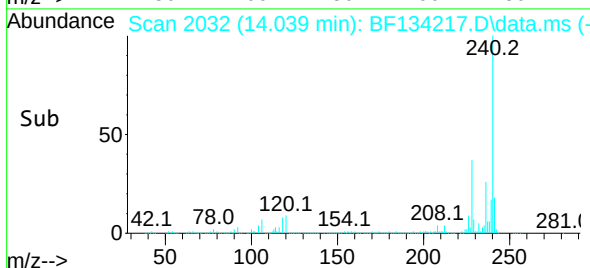
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

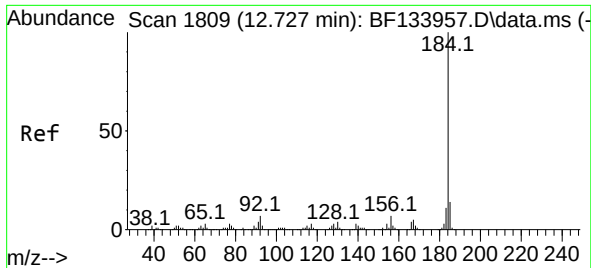


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23



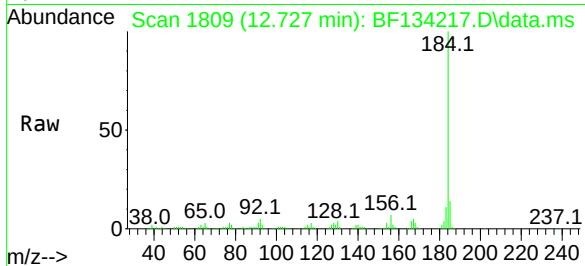
Tgt Ion:240 Resp: 164288
Ion Ratio Lower Upper
240 100
120 8.9 7.4 11.0
236 25.6 21.0 31.6





#77
Benzidine
Concen: 36.966 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23

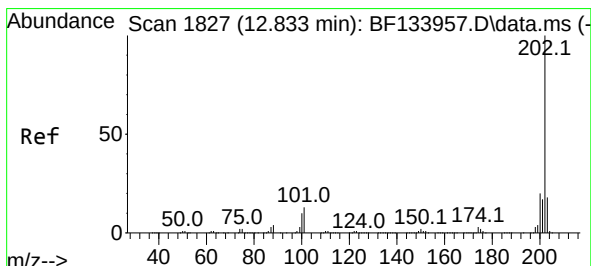
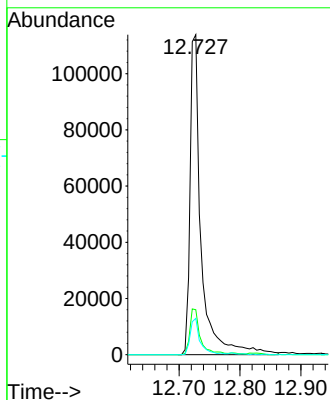
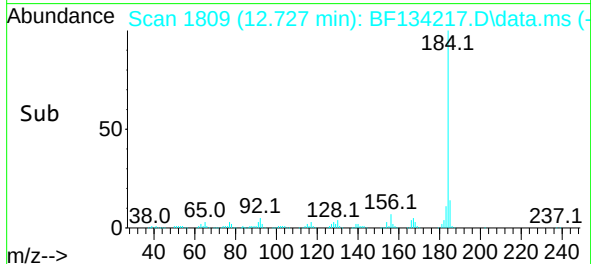
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



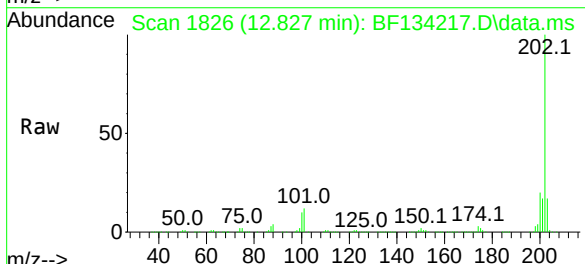
Tgt Ion:184 Resp: 144504
Ion Ratio Lower Upper
184 100
185 14.0 11.6 17.4
183 11.4 8.8 13.2

Manual Integrations
APPROVED

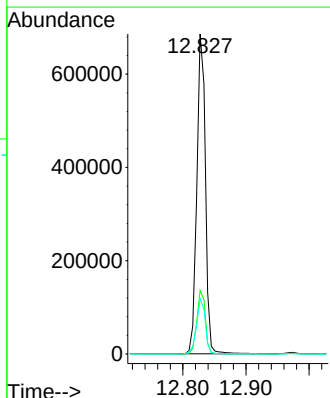
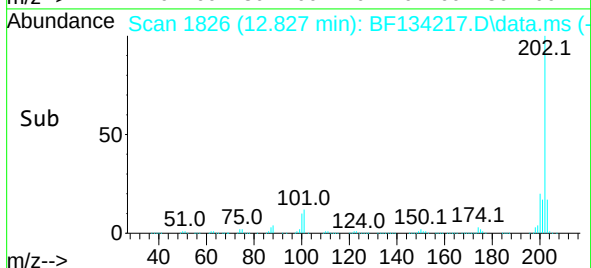
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

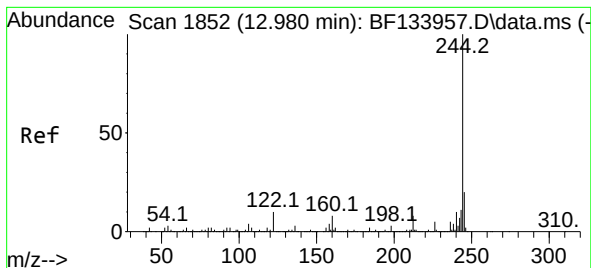


#78
Pyrene
Concen: 42.261 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23



Tgt Ion:202 Resp: 646136
Ion Ratio Lower Upper
202 100
200 19.8 16.1 24.1
203 17.4 14.3 21.5





#79

Terphenyl-d14

Concen: 86.200 ng

RT: 12.974 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134217.D

Acq: 11 Jul 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

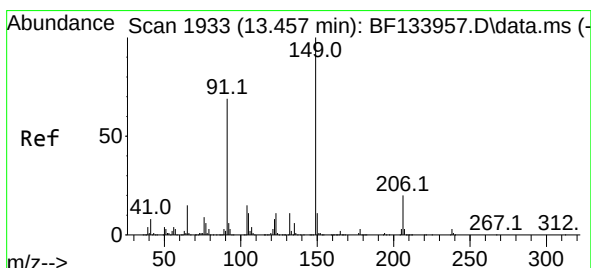
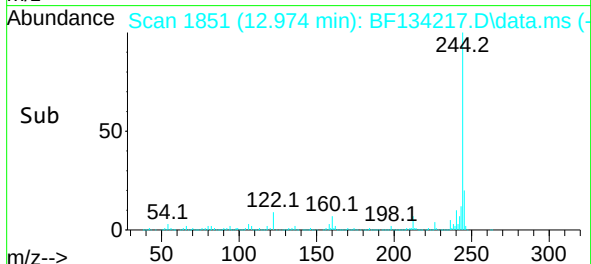
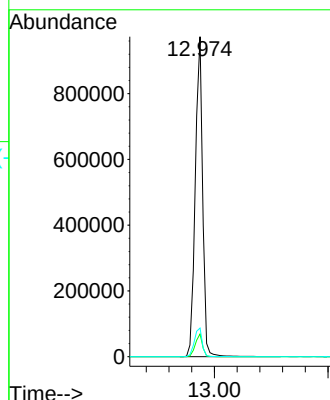
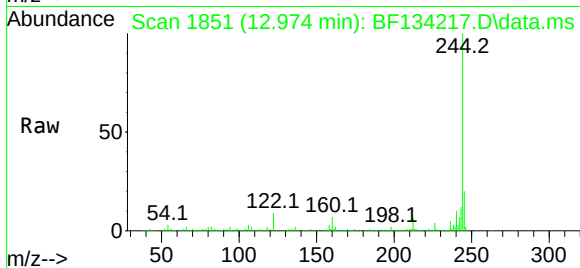
Tgt Ion:244 Resp: 879923
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 9.0 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/12/2023

Supervised By :mohammad ahmed 07/12/2023



#80

Butylbenzylphthalate

Concen: 39.086 ng

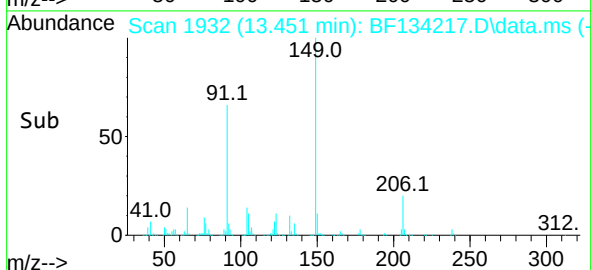
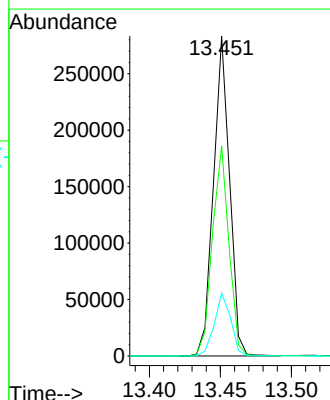
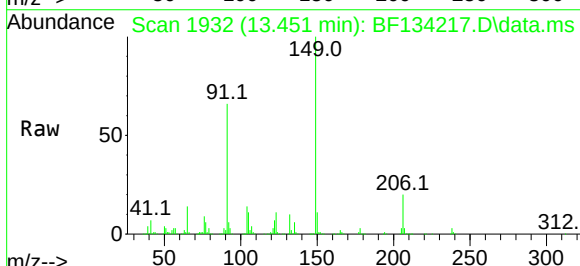
RT: 13.451 min Scan# 1932

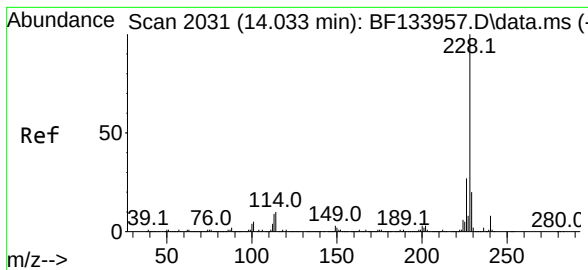
Delta R.T. 0.000 min

Lab File: BF134217.D

Acq: 11 Jul 2023 17:23

Tgt Ion:149 Resp: 224124
 Ion Ratio Lower Upper
 149 100
 91 65.7 55.1 82.7
 206 19.7 15.7 23.5





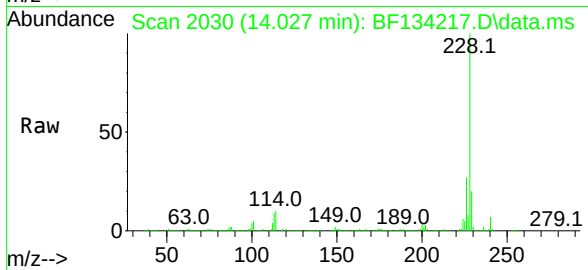
#81
Benzo(a)anthracene
Concen: 38.381 ng
RT: 14.027 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



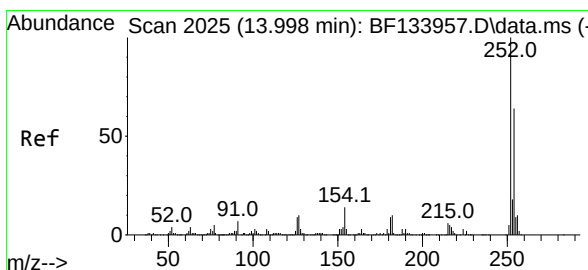
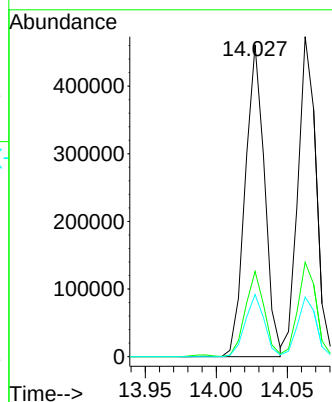
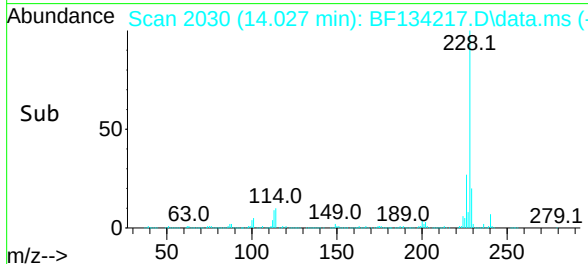
Tgt Ion:228 Resp: 437305
Ion Ratio Lower Upper
228 100
226 27.3 22.0 33.0
229 20.0 16.3 24.5

Manual Integrations

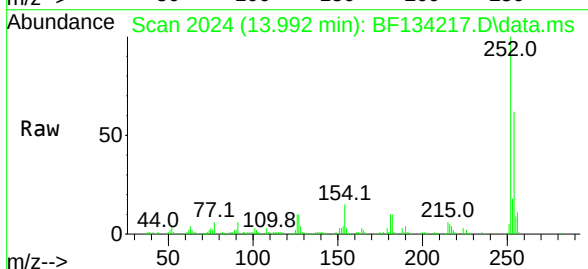
APPROVED

Reviewed By :Yogesh Patel 07/12/2023

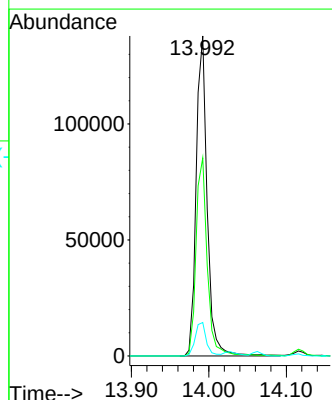
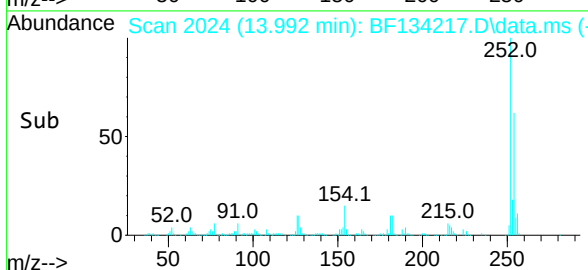
Supervised By :mohammad ahmed 07/12/2023

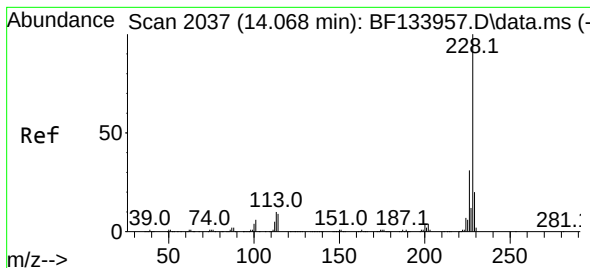


#82
3,3'-Dichlorobenzidine
Concen: 37.676 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23



Tgt Ion:252 Resp: 136000
Ion Ratio Lower Upper
252 100
254 61.9 51.4 77.0
126 10.4 7.4 11.2





#83

Chrysene

Concen: 38.700 ng

RT: 14.063 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF134217.D

Acq: 11 Jul 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 42707

Ion Ratio Lower Upper

228 100

226 29.5 24.4 36.6

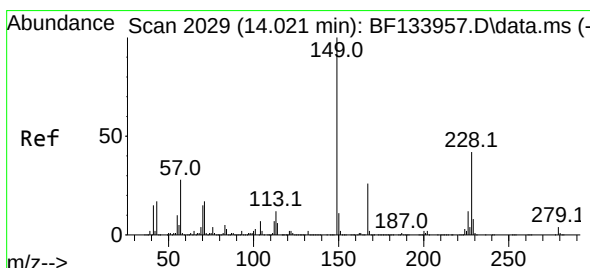
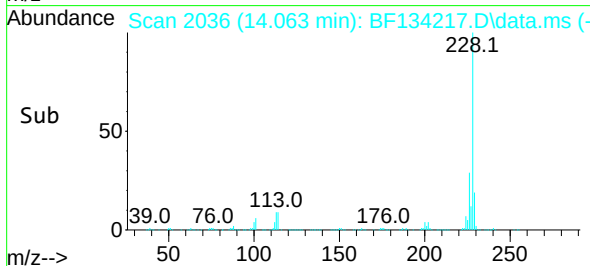
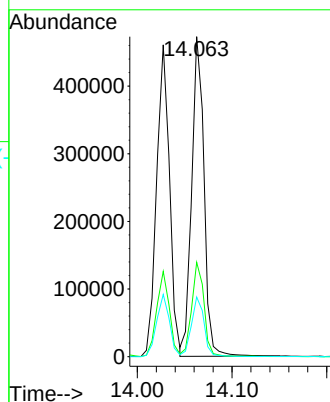
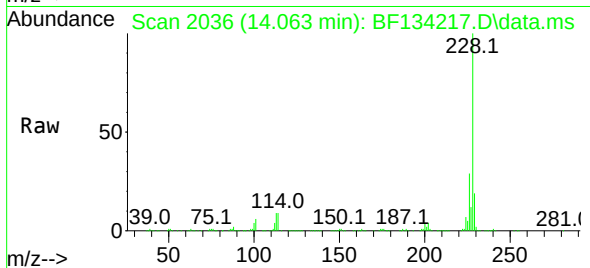
229 18.7 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/12/2023

Supervised By :mohammad ahmed 07/12/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.682 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF134217.D

Acq: 11 Jul 2023 17:23

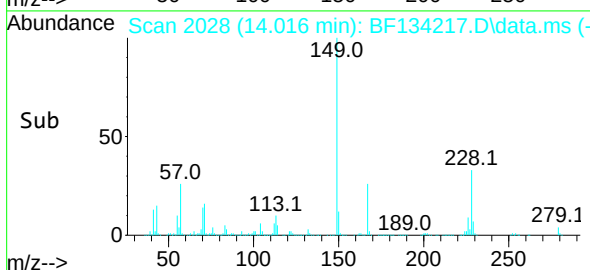
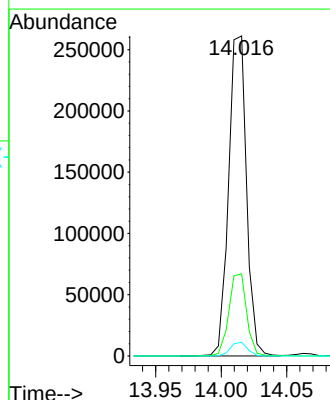
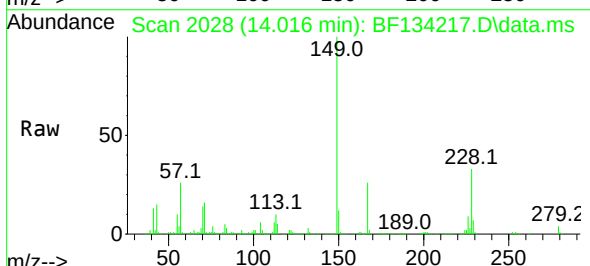
Tgt Ion:149 Resp: 248281

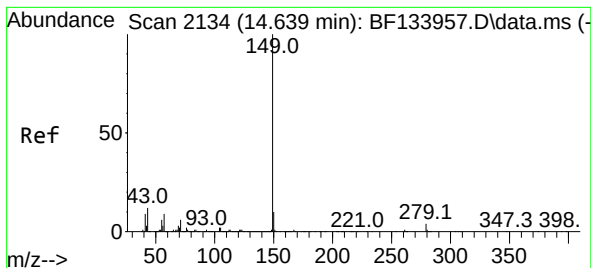
Ion Ratio Lower Upper

149 100

167 25.6 21.0 31.4

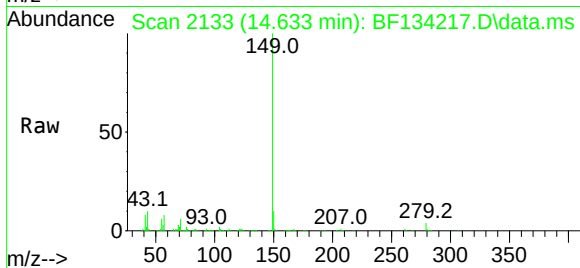
279 4.3 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 36.055 ng
RT: 14.633 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23

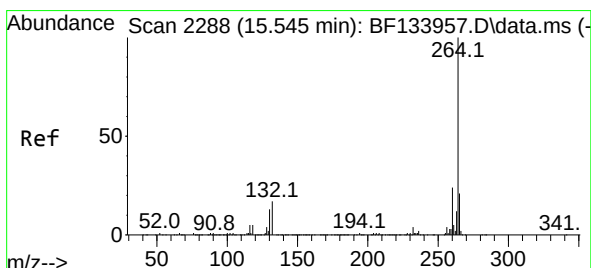
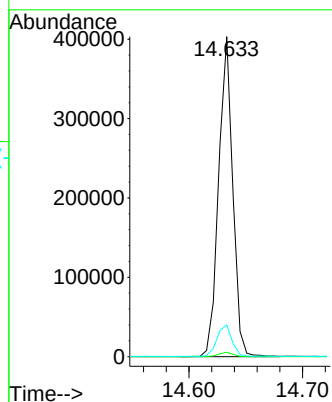
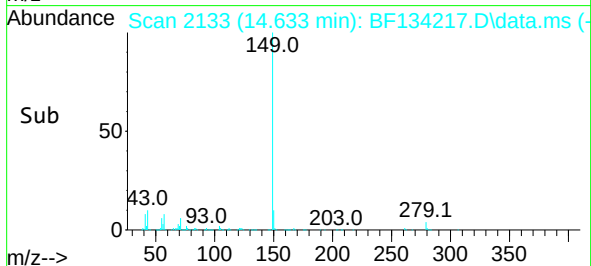
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



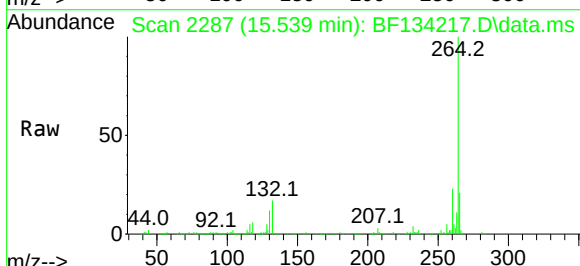
Tgt Ion:149 Resp: 349063
Ion Ratio Lower Upper
149 100
167 1.4 1.3 1.9
43 10.4 9.0 13.4

Manual Integrations
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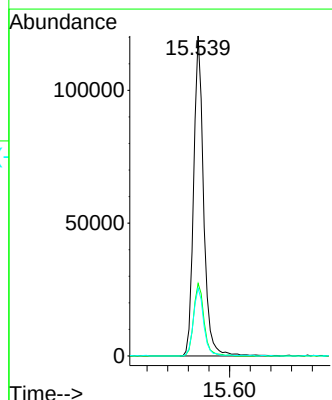
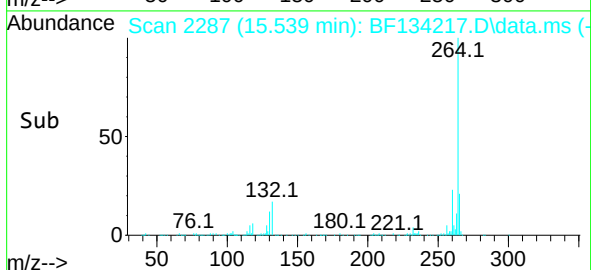
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

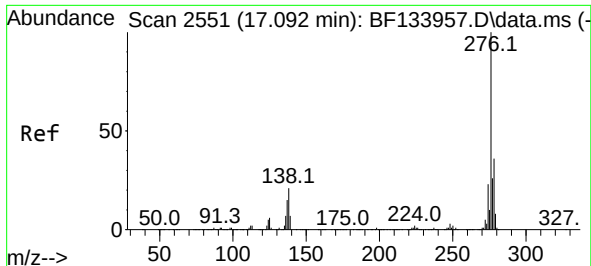


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2287
Delta R.T. -0.006 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23



Tgt Ion:264 Resp: 161255
Ion Ratio Lower Upper
264 100
260 22.7 19.5 29.3
265 21.2 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.036 ng
RT: 17.086 min Scan# 211
Delta R.T. -0.012 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23

Instrument :

BNA_F

ClientSampleId :

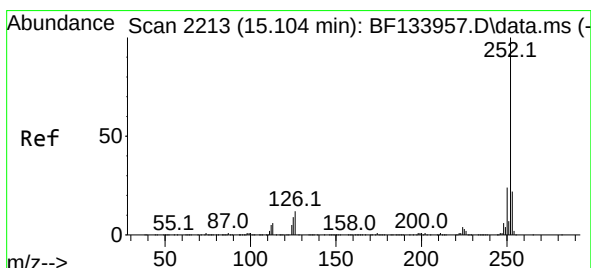
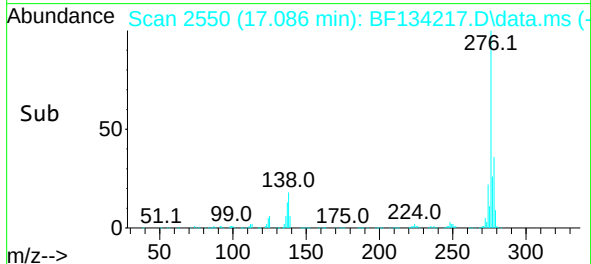
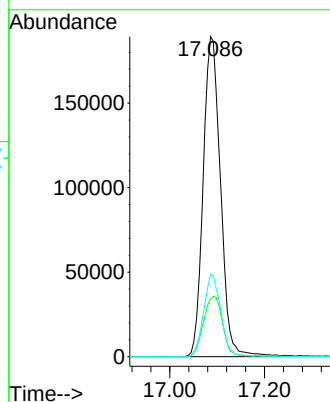
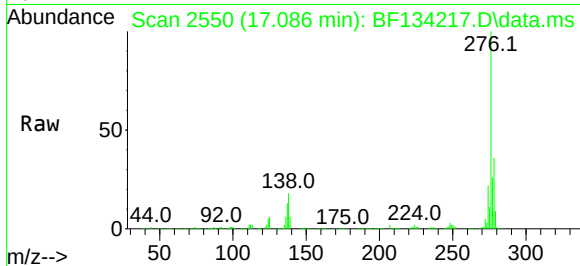
SSTDCCC040

Tgt Ion:276 Resp: 48155
Ion Ratio Lower Upper
276 100
138 20.8 18.7 28.1
277 25.5 19.9 29.9

Manual Integrations

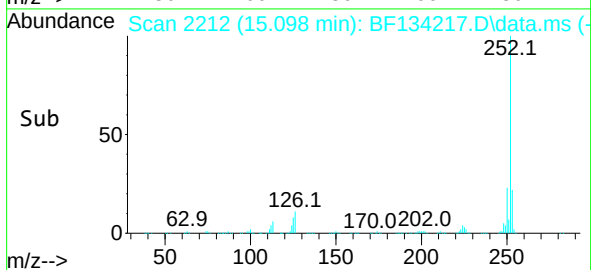
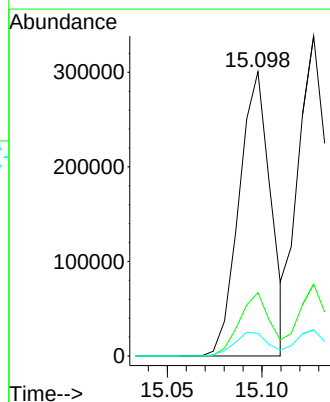
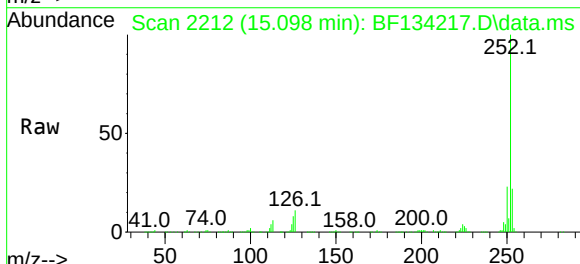
APPROVED

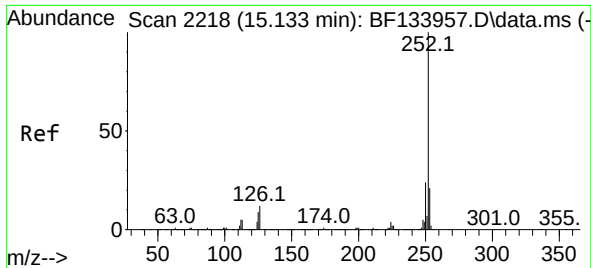
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#88
Benzo(b)fluoranthene
Concen: 36.753 ng
RT: 15.098 min Scan# 2212
Delta R.T. -0.006 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23

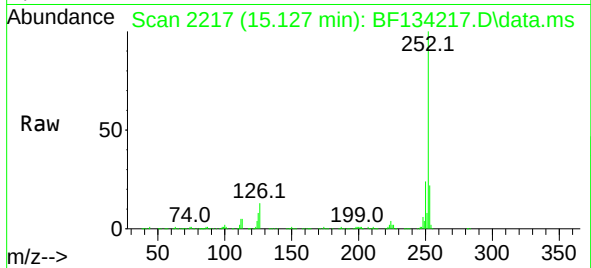
Tgt Ion:252 Resp: 348486
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 7.9 7.1 10.7





#89
Benzo(k)fluoranthene
Concen: 38.275 ng
RT: 15.127 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23

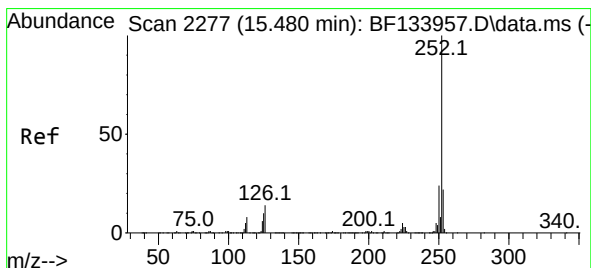
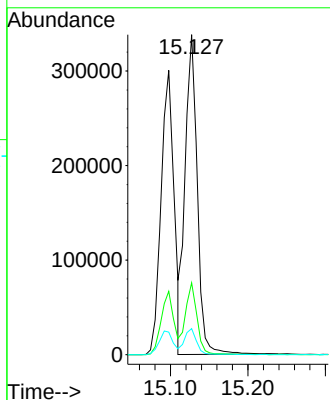
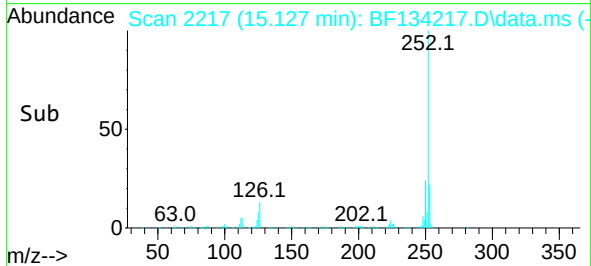
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



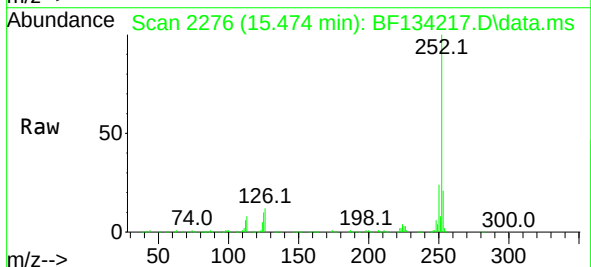
Tgt Ion:252 Resp: 36951
Ion Ratio Lower Upper
252 100
253 22.5 16.9 25.3
125 8.1 7.4 11.2

Manual Integrations
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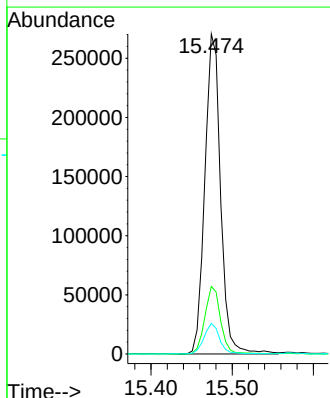
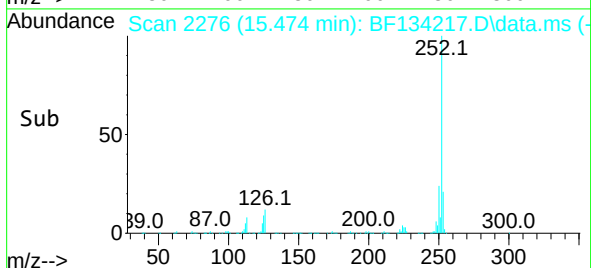
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

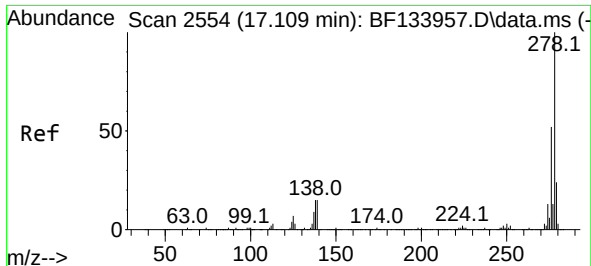


#90
Benzo(a)pyrene
Concen: 39.646 ng
RT: 15.474 min Scan# 2276
Delta R.T. -0.006 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23



Tgt Ion:252 Resp: 363508
Ion Ratio Lower Upper
252 100
253 21.1 17.4 26.0
125 9.5 8.4 12.6





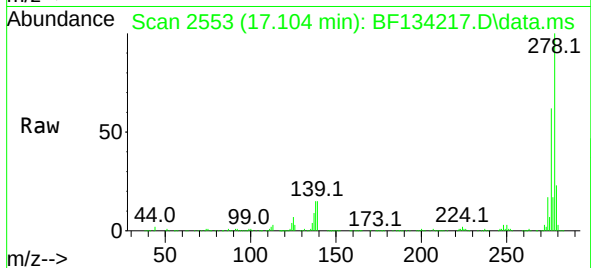
#91
Dibenzo(a,h)anthracene
Concen: 43.050 ng
RT: 17.104 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



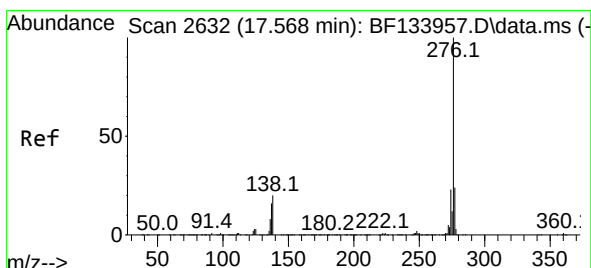
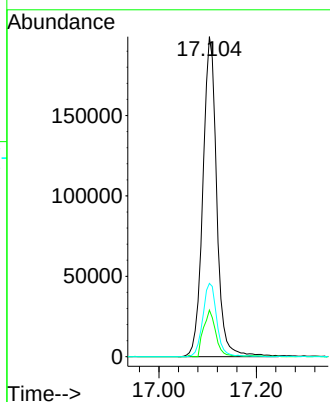
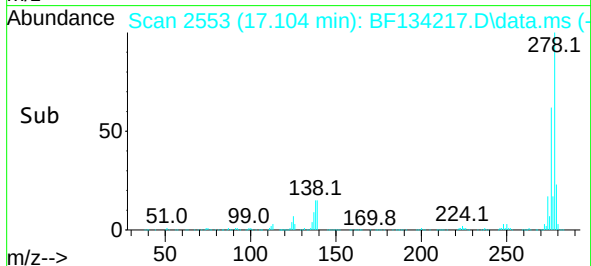
Tgt Ion:278 Resp: 393454
Ion Ratio Lower Upper
278 100
139 14.5 12.2 18.4
279 22.9 19.4 29.2

Manual Integrations

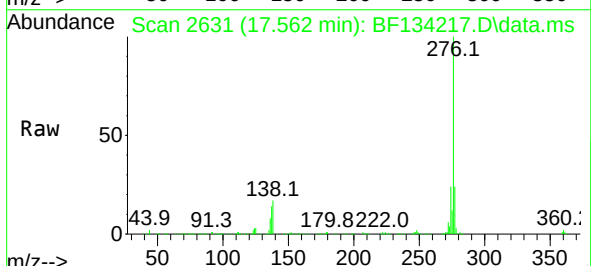
APPROVED

Reviewed By :Yogesh Patel 07/12/2023

Supervised By :mohammad ahmed 07/12/2023



#92
Benzo(g,h,i)perylene
Concen: 42.246 ng
RT: 17.562 min Scan# 2631
Delta R.T. -0.006 min
Lab File: BF134217.D
Acq: 11 Jul 2023 17:23



Tgt Ion:276 Resp: 398171
Ion Ratio Lower Upper
276 100
277 24.4 19.0 28.6
138 17.4 16.2 24.2

