

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061423\
 Data File : BF133744.D
 Acq On : 14 Jun 2023 10:29
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/15/2023
 Supervised By :mohammad ahmed 06/16/2023

Quant Time: Jun 14 10:51:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 13 11:26:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	111749	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	415257	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	180786	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	340537	20.000	ng	0.00
76) Chrysene-d12	14.010	240	158158	20.000	ng	0.00
86) Perylene-d12	15.468	264	191011	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	533442	83.103	ng	0.00
7) Phenol-d6	6.469	99	643151	76.974	ng	0.00
23) Nitrobenzene-d5	7.404	82	605833	79.463	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	167029	72.989	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1086044	85.395	ng	0.00
79) Terphenyl-d14	12.951	244	832657	81.463	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.552	88	101428	35.941	ng	98
3) Pyridine	3.304	79	283943	34.520	ng	94
4) n-Nitrosodimethylamine	3.257	42	164784	36.242	ng	95
6) Aniline	6.498	93	404849	38.470	ng	100
8) 2-Chlorophenol	6.622	128	265447	39.240	ng	95
9) Benzaldehyde	6.387	77	184755	33.329	ng	98
10) Phenol	6.481	94	340328	39.007	ng	98
11) bis(2-Chloroethyl)ether	6.575	93	251635	38.850	ng	99
12) 1,3-Dichlorobenzene	6.775	146	283984	39.291	ng	99
13) 1,4-Dichlorobenzene	6.851	146	282982	38.737	ng	99
14) 1,2-Dichlorobenzene	7.004	146	266052	40.306	ng	99
15) Benzyl Alcohol	6.975	79	257706	39.490	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	455228	41.461	ng	99
17) 2-Methylphenol	7.087	107	243096	40.544	ng	98
18) Hexachloroethane	7.345	117	105911	42.349	ng	99
19) n-Nitroso-di-n-propyla...	7.251	70	195704	36.813	ng	99
20) 3+4-Methylphenols	7.239	107	291845	37.417	ng	96
22) Acetophenone	7.245	105	358103	37.599	ng	# 96
24) Nitrobenzene	7.422	77	309546	40.322	ng	99
25) Isophorone	7.657	82	526899	37.644	ng	99
26) 2-Nitrophenol	7.734	139	147638	42.852	ng	99
27) 2,4-Dimethylphenol	7.769	122	234536	39.495	ng	98
28) bis(2-Chloroethoxy)met...	7.869	93	307621	38.026	ng	99
29) 2,4-Dichlorophenol	7.975	162	225481	38.742	ng	99
30) 1,2,4-Trichlorobenzene	8.057	180	236023	38.869	ng	97
31) Naphthalene	8.139	128	768025	37.962	ng	99
32) Benzoic acid	7.886	122	171719m	45.850	ng	
33) 4-Chloroaniline	8.186	127	334182	38.632	ng	99
34) Hexachlorobutadiene	8.251	225	149277	37.548	ng	98
35) Caprolactam	8.563	113	72468	37.003	ng	92
36) 4-Chloro-3-methylphenol	8.669	107	251010	37.416	ng	99
37) 2-Methylnaphthalene	8.833	142	539618	38.388	ng	99
38) 1-Methylnaphthalene	8.928	142	498332	38.525	ng	100
40) 1,2,4,5-Tetrachloroben...	8.998	216	235052	42.768	ng	98
41) Hexachlorocyclopentadiene	8.981	237	123475	50.414	ng	98
43) 2,4,6-Trichlorophenol	9.110	196	162686	44.296	ng	96

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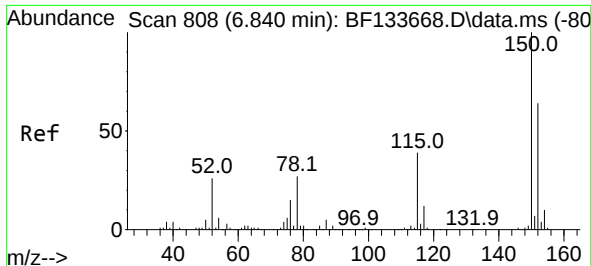
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	189899	44.444	ng	96
46) 1,1'-Biphenyl	9.298	154	625531	42.901	ng	99
47) 2-Chloronaphthalene	9.322	162	457139	43.708	ng	99
48) 2-Nitroaniline	9.416	65	153541	40.140	ng	97
49) Acenaphthylene	9.739	152	704497	38.701	ng	99
50) Dimethylphthalate	9.598	163	499751	37.034	ng	99
51) 2,6-Dinitrotoluene	9.663	165	110891	39.813	ng	96
52) Acenaphthene	9.910	154	411776	38.645	ng	99
53) 3-Nitroaniline	9.828	138	130171	38.404	ng	89
54) 2,4-Dinitrophenol	9.933	184	60076	46.701	ng	87
55) Dibenzofuran	10.080	168	632992	38.932	ng	98
56) 4-Nitrophenol	9.986	139	93726	40.972	ng	# 80
57) 2,4-Dinitrotoluene	10.063	165	144024	40.657	ng	97
58) Fluorene	10.428	166	488538	39.291	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.198	232	129643	40.527	ng	98
60) Diethylphthalate	10.298	149	507730	36.969	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	229560	37.399	ng	98
62) 4-Nitroaniline	10.445	138	125741	37.835	ng	95
63) Azobenzene	10.575	77	497363	38.254	ng	98
65) 4,6-Dinitro-2-methylph...	10.475	198	78061	47.971	ng	92
66) n-Nitrosodiphenylamine	10.533	169	425824	37.227	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	141678	37.275	ng	99
68) Hexachlorobenzene	10.969	284	152268	38.097	ng	97
69) Atrazine	11.063	200	117792	35.491	ng	98
70) Pentachlorophenol	11.163	266	96673	40.392	ng	97
71) Phenanthrene	11.386	178	662686	38.356	ng	100
72) Anthracene	11.439	178	681718	37.842	ng	100
73) Carbazole	11.598	167	624092	37.196	ng	98
74) Di-n-butylphthalate	11.922	149	707071	32.872	ng	99
75) Fluoranthene	12.580	202	667592	36.387	ng	99
77) Benzidine	12.698	184	198377	37.379	ng	98
78) Pyrene	12.810	202	664290	45.089	ng	99
80) Butylbenzylphthalate	13.427	149	205614	33.058	ng	96
81) Benzo(a)anthracene	13.998	228	426349	38.972	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	132566	36.449	ng	97
83) Chrysene	14.033	228	403476	38.994	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	220454	28.786	ng	100
85) Di-n-octyl phthalate	14.598	149	340212	31.261	ng	100
87) Indeno(1,2,3-cd)pyrene	16.939	276	565278	43.016	ng	98
88) Benzo(b)fluoranthene	15.045	252	406957	35.073	ng	99
89) Benzo(k)fluoranthene	15.074	252	395070	34.953	ng	98
90) Benzo(a)pyrene	15.410	252	398895	37.043	ng	98
91) Dibenzo(a,h)anthracene	16.951	278	471166	43.308	ng	99
92) Benzo(g,h,i)perylene	17.380	276	501468	46.490	ng	97

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



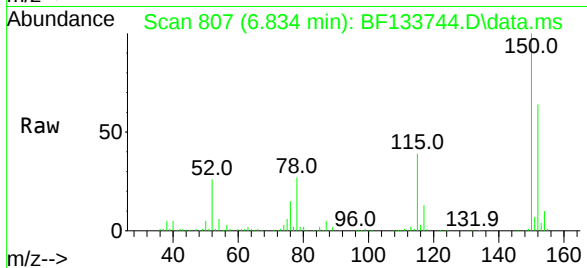
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

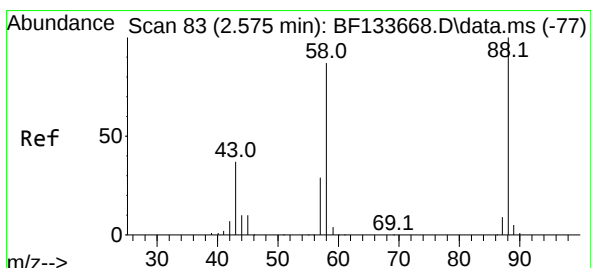
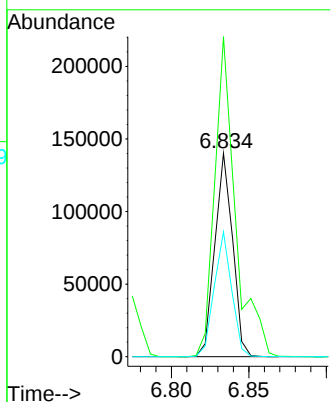
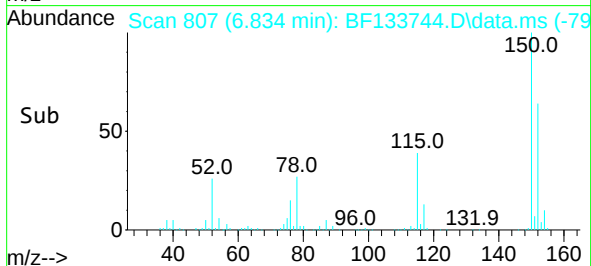


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Ion Ratio Lower Upper
152 100
150 157.2 124.3 186.5
115 61.3 48.5 72.7

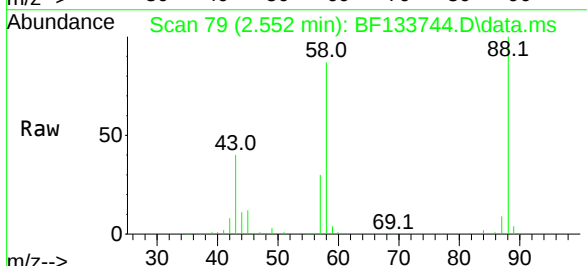
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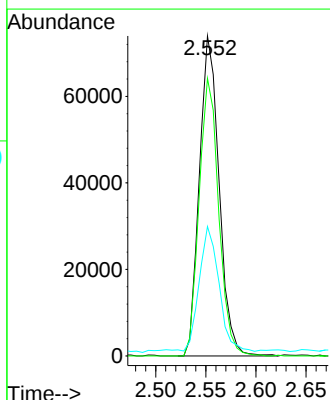
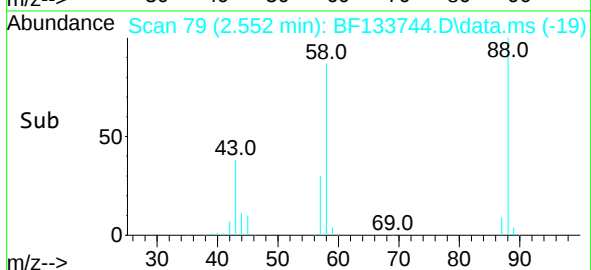
Reviewed By :Yogesh Patel 06/15/2023
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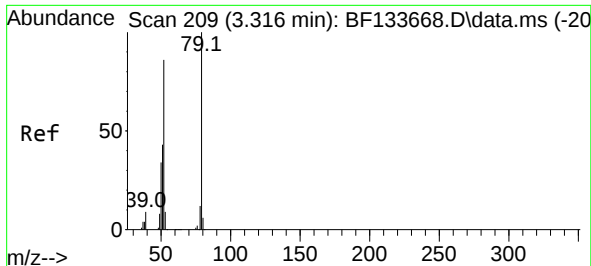


#2
1,4-Dioxane
Concen: 35.941 ng
RT: 2.552 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29



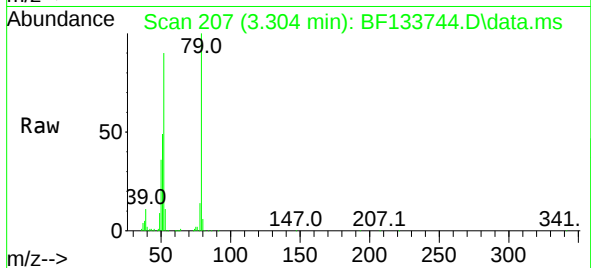
Tgt Ion: 88 Resp: 101428
Ion Ratio Lower Upper
88 100
58 86.3 67.8 101.6
43 39.5 29.8 44.6





#3
Pyridine
Concen: 34.520 ng
RT: 3.304 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

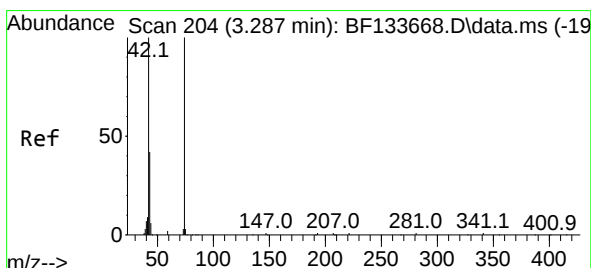
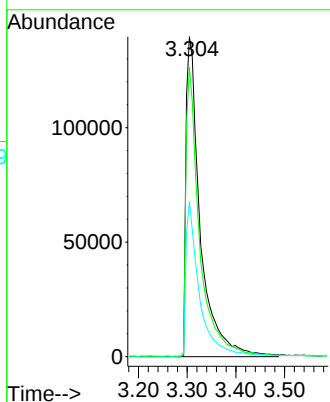
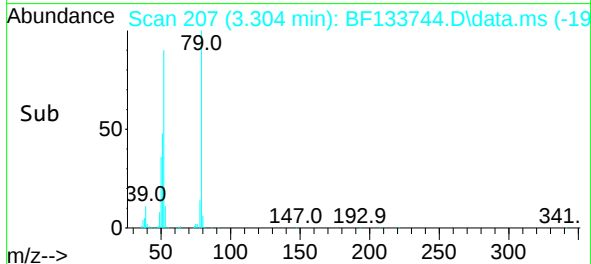
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BNA_F
ClientSampleId :
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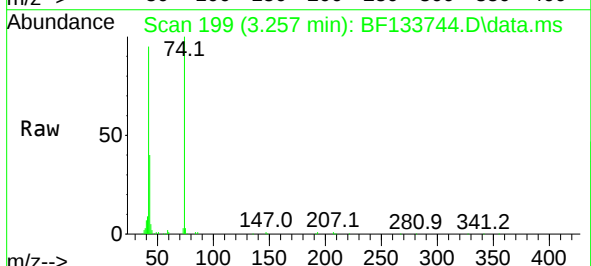
Tgt Ion: 79 Resp: 28394
Ion Ratio Lower Upper
79 100
52 90.5 68.6 102.8
51 48.5 34.8 52.2

Manual Integrations
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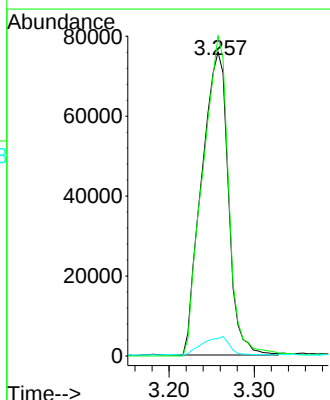
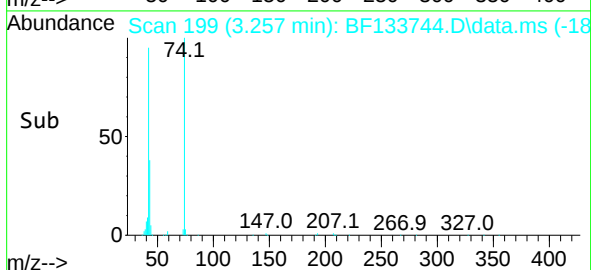
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

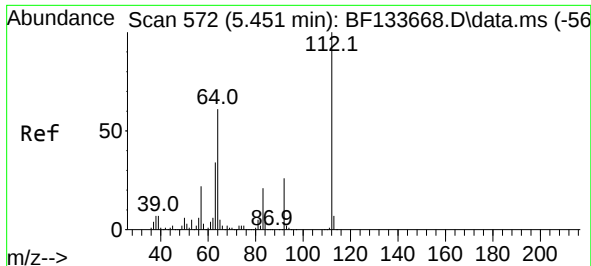


#4
n-Nitrosodimethylamine
Concen: 36.242 ng
RT: 3.257 min Scan# 199
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29



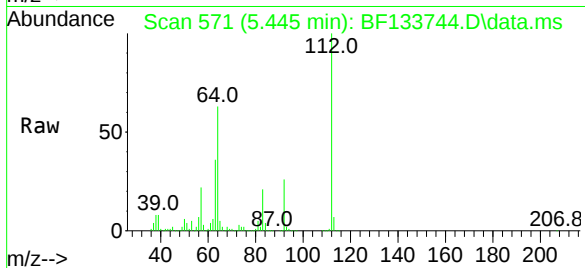
Tgt Ion: 42 Resp: 164784
Ion Ratio Lower Upper
42 100
74 105.2 79.8 119.8
44 5.7 4.7 7.1





#5
2-Fluorophenol
Concen: 83.103 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

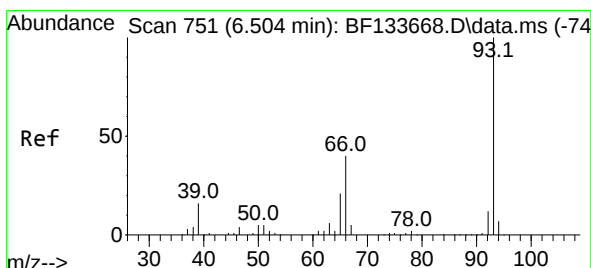
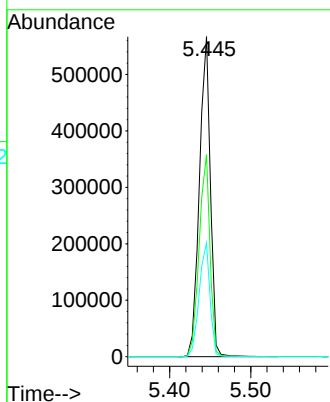
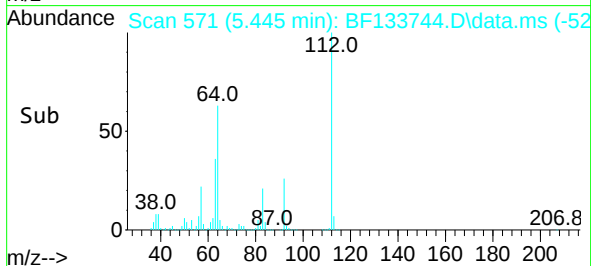
Instrument :
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SSTDCCC040



Tgt Ion:112 Resp: 53344
Ion Ratio Lower Upper
112 100
64 63.2 49.0 73.4
63 35.6 26.8 40.2

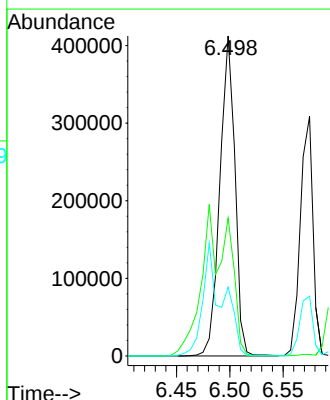
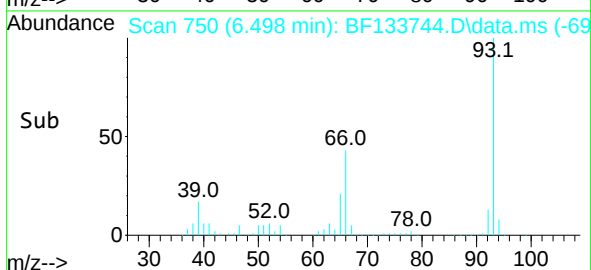
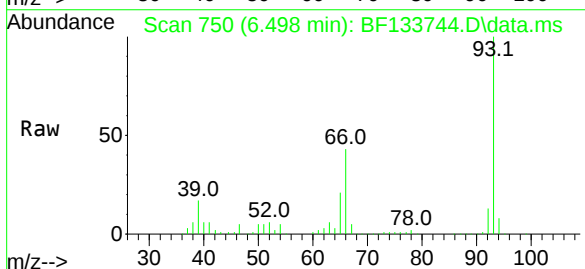
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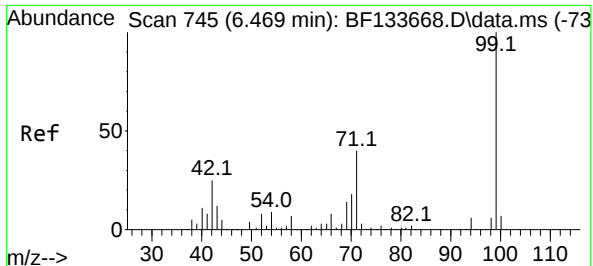
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#6
Aniline
Concen: 38.470 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

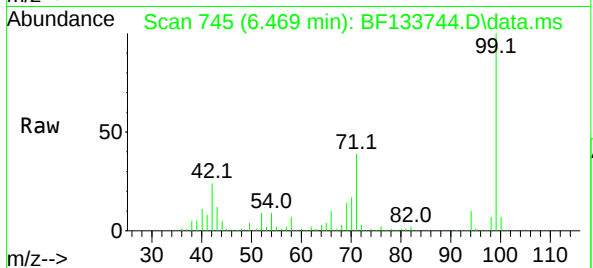
Tgt Ion: 93 Resp: 404849
Ion Ratio Lower Upper
93 100
66 43.1 34.4 51.6
65 21.5 17.5 26.3





#7
Phenol-d6
Concen: 76.974 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

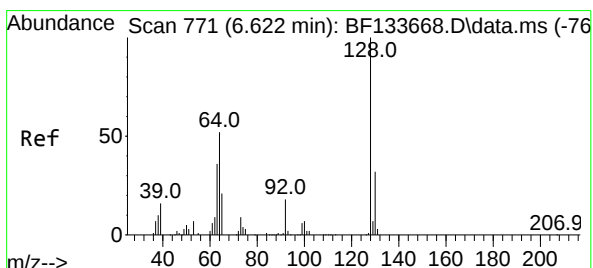
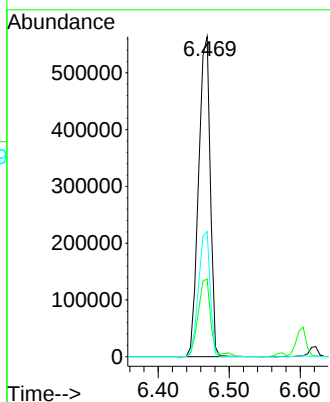
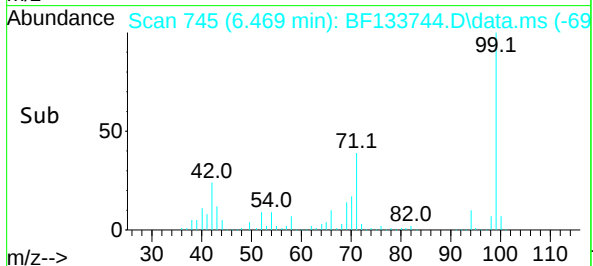
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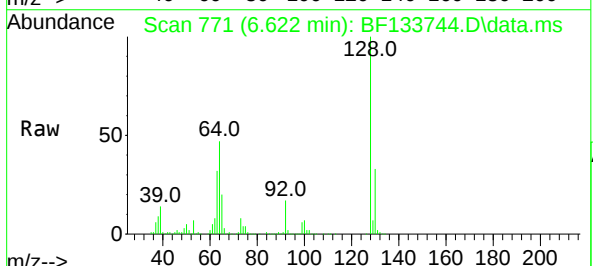
Tgt Ion: 99 Resp: 64315
Ion Ratio Lower Upper
99 100
42 24.3 19.9 29.9
71 39.1 32.2 48.4

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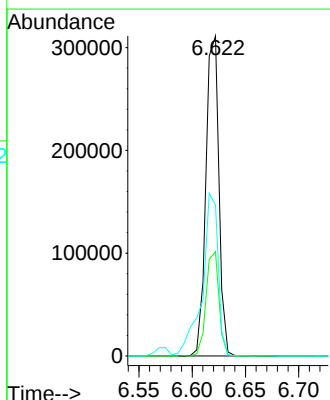
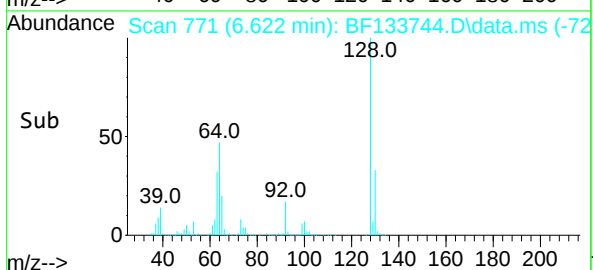
Reviewed By :Yogesh Patel 06/15/2023
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#8
2-Chlorophenol
Concen: 39.240 ng
RT: 6.622 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29



Tgt Ion:128 Resp: 265447
Ion Ratio Lower Upper
128 100
130 32.6 12.3 52.3
64 47.2 33.1 73.1





#9

Benzaldehyde

Concen: 33.329 ng

RT: 6.387 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF133744.D

Acq: 14 Jun 2023 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 18475

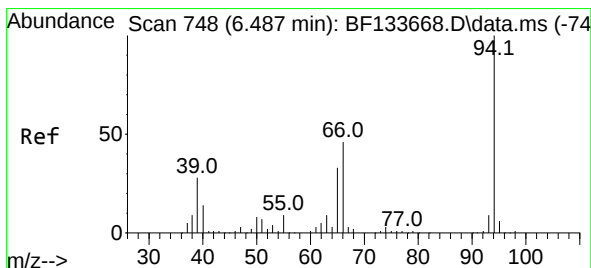
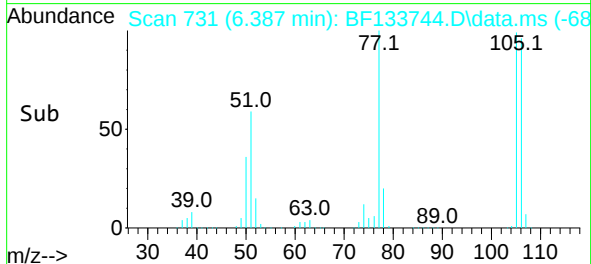
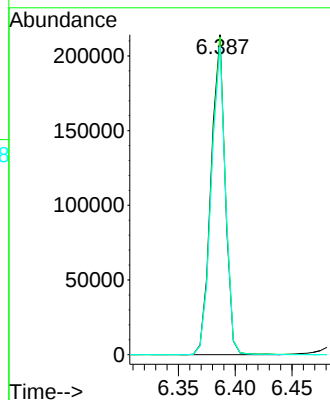
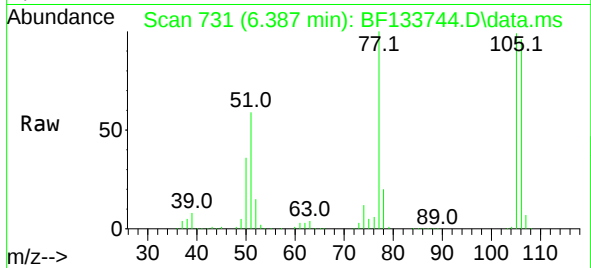
Ion	Ratio	Lower	Upper
77	100		
105	99.3	82.0	122.0
106	96.3	77.6	117.6

Manual Integrations

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Supervised By :mohammad ahmed 06/16/2023



#10

Phenol

Concen: 39.007 ng

RT: 6.481 min Scan# 747

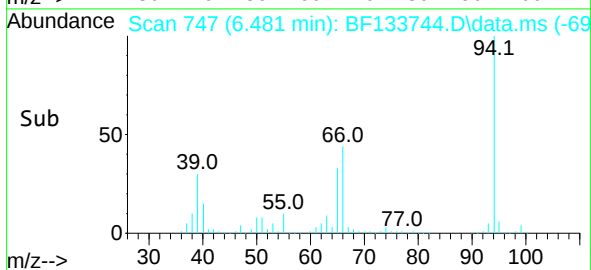
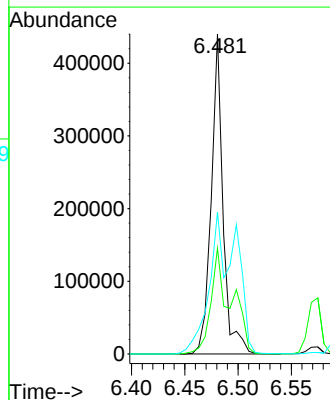
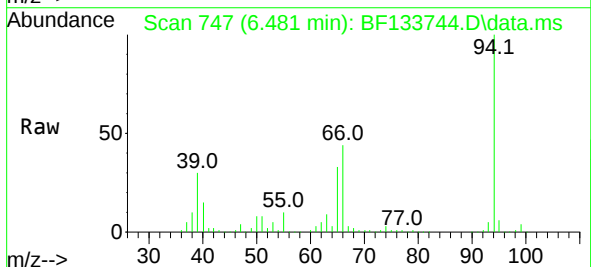
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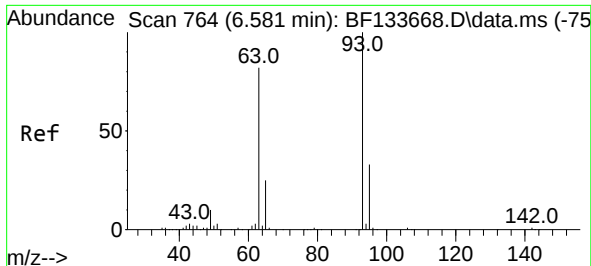
Lab File: BF133744.D

Acq: 14 Jun 2023 10:29

Tgt Ion: 94 Resp: 340328

Ion	Ratio	Lower	Upper
94	100		
65	33.1	13.2	53.2
66	44.4	26.1	66.1





#11

bis(2-Chloroethyl)ether

Concen: 38.850 ng

RT: 6.575 min Scan# 763

Delta R.T. 0.000 min

Lab File: BF133744.D

Acq: 14 Jun 2023 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 25163

Ion Ratio Lower Upper

93 100

63 83.0 62.1 102.1

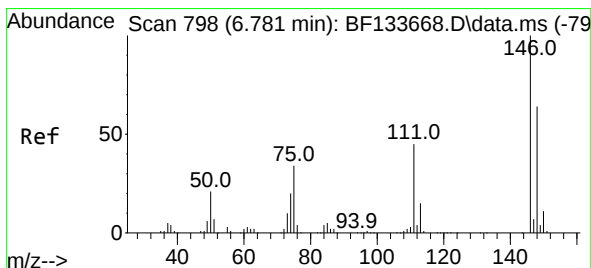
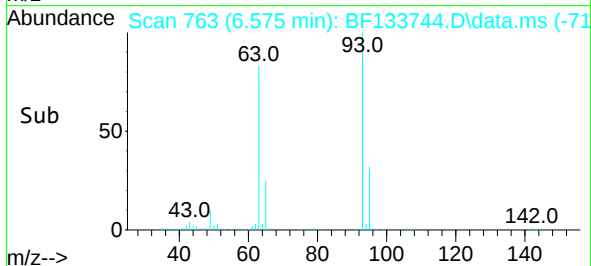
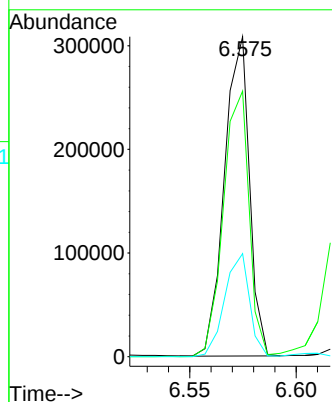
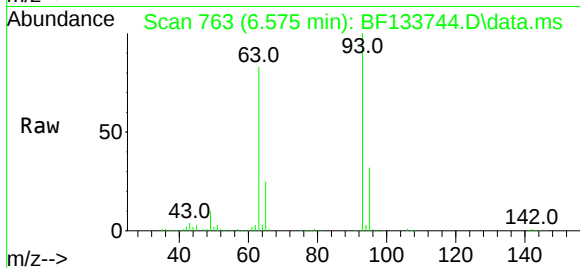
95 32.2 13.0 53.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/15/2023

Supervised By :mohammad ahmed 06/16/2023



#12

1,3-Dichlorobenzene

Concen: 39.291 ng

RT: 6.775 min Scan# 797

Delta R.T. 0.000 min

Lab File: BF133744.D

Acq: 14 Jun 2023 10:29

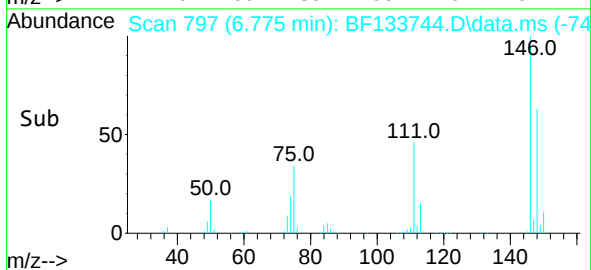
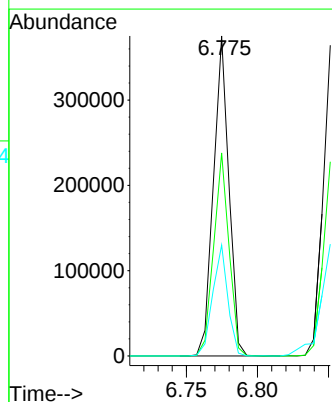
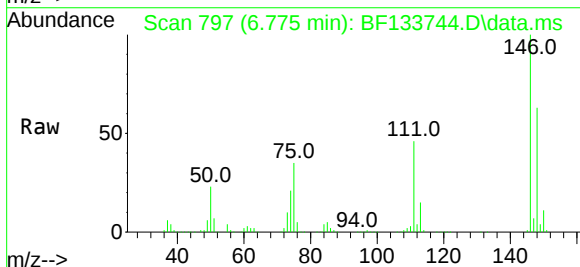
Tgt Ion:146 Resp: 283984

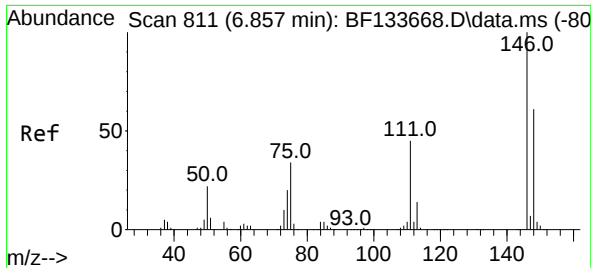
Ion Ratio Lower Upper

146 100

148 63.4 50.9 76.3

75 34.7 27.1 40.7





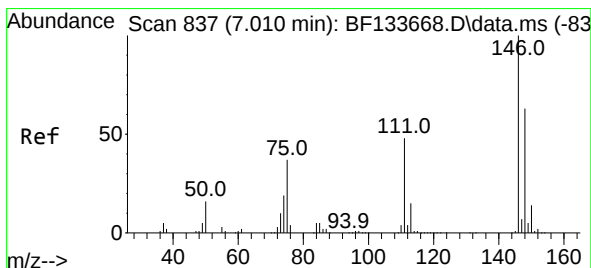
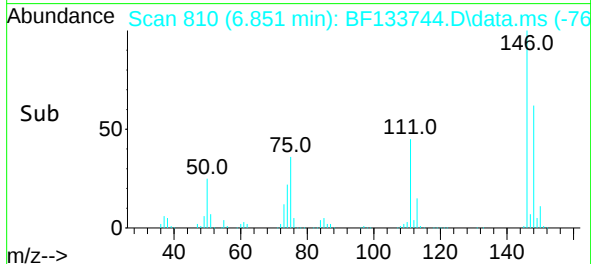
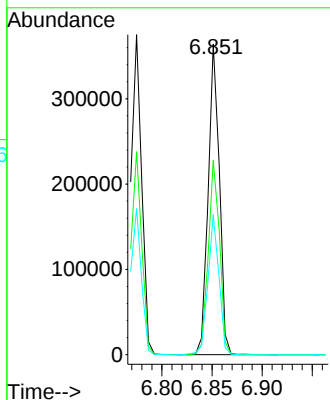
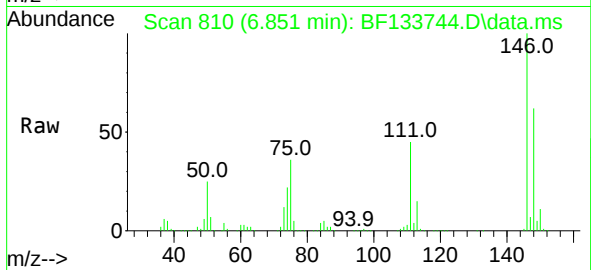
#13
1,4-Dichlorobenzene
Concen: 38.737 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 282982
Ion Ratio Lower Upper
146 100
148 62.5 48.9 73.3
111 45.1 35.8 53.6

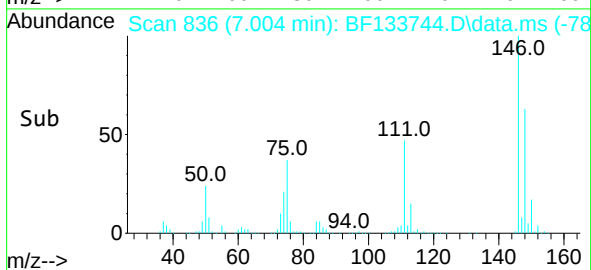
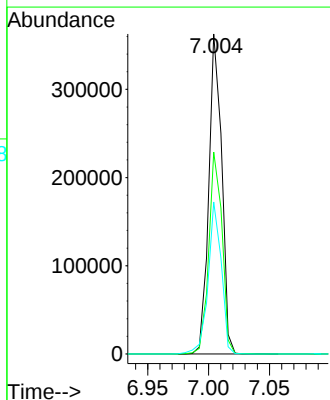
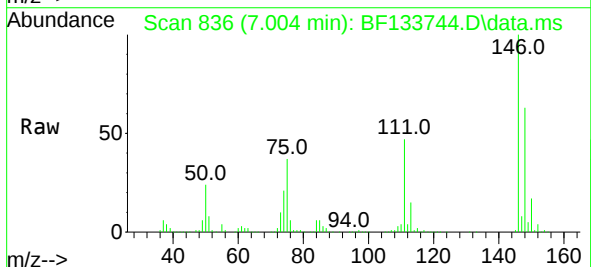
Manual Integrations
APPROVED

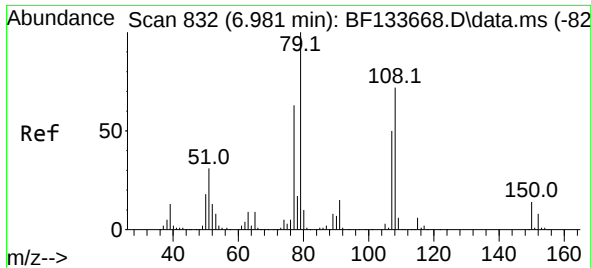
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#14
1,2-Dichlorobenzene
Concen: 40.306 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:146 Resp: 266052
Ion Ratio Lower Upper
146 100
148 63.1 50.6 75.8
111 47.5 38.7 58.1





#15
Benzyl Alcohol
Concen: 39.490 ng
RT: 6.975 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :

BNA_F

ClientSampleId :

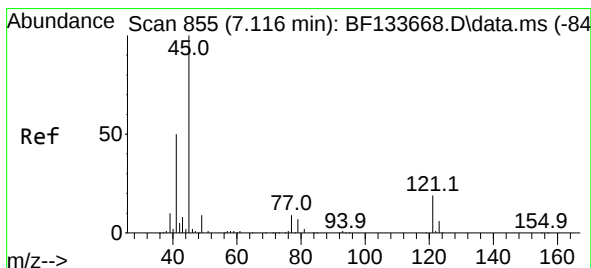
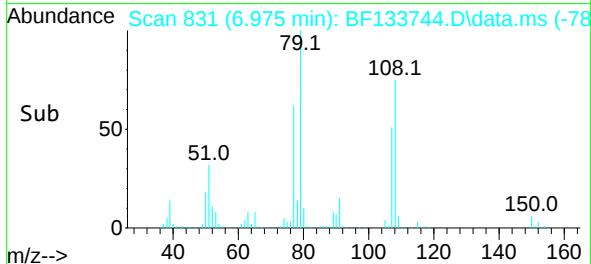
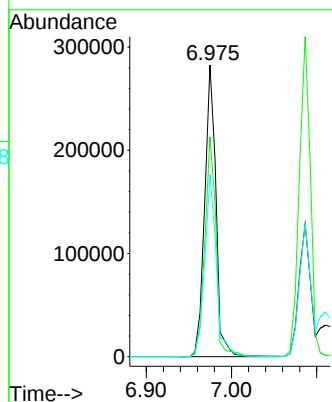
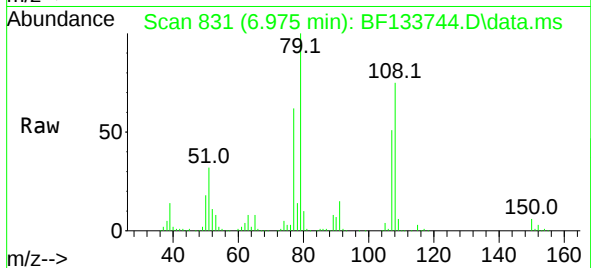
SSTDCCC040

Tgt Ion: 79 Resp: 257700
Ion Ratio Lower Upper
79 100
108 75.3 57.9 86.9
77 62.4 50.4 75.6

Manual Integrations

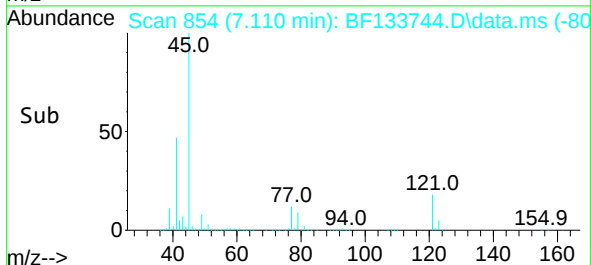
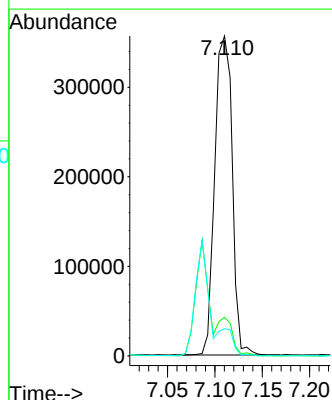
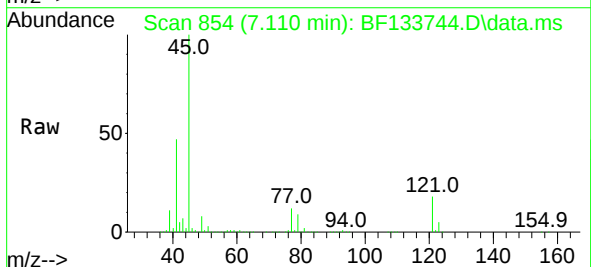
APPROVED

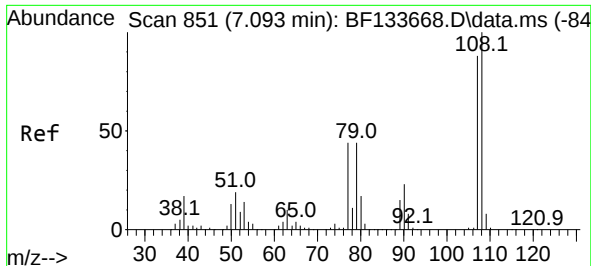
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.461 ng
RT: 7.110 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion: 45 Resp: 455228
Ion Ratio Lower Upper
45 100
77 12.1 0.0 32.3
79 8.6 0.0 29.4





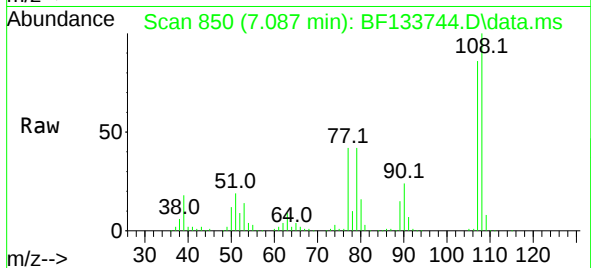
#17
2-Methylphenol
Concen: 40.544 ng
RT: 7.087 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

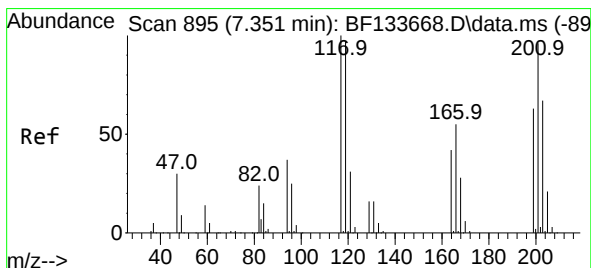
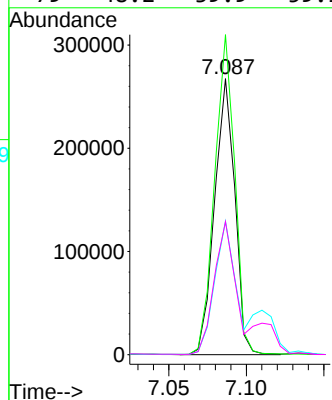


Tgt Ion:107 Resp: 243090
Ion Ratio Lower Upper
107 100
108 115.9 90.9 136.3
77 48.3 39.8 59.6
79 48.2 39.9 59.9

Manual Integrations

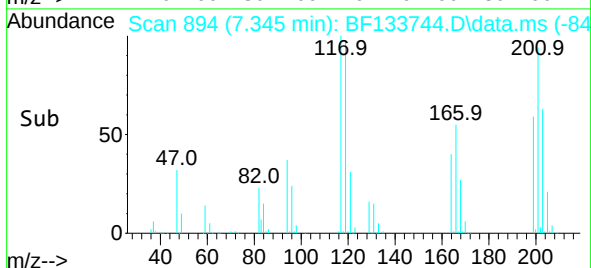
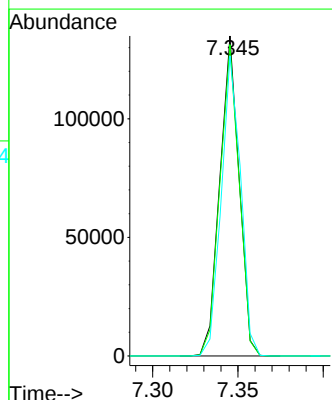
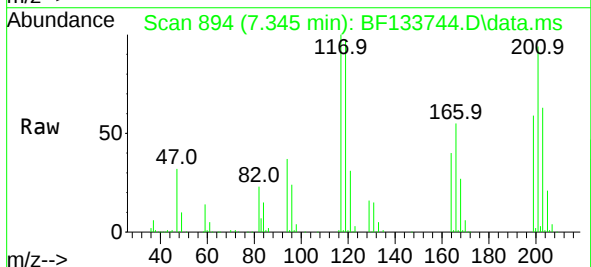
APPROVED

Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#18
Hexachloroethane
Concen: 42.349 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

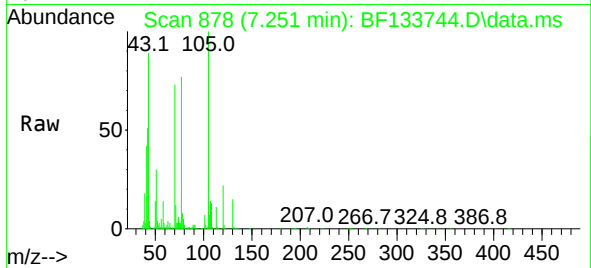
Tgt Ion:117 Resp: 105911
Ion Ratio Lower Upper
117 100
119 97.3 77.3 115.9
201 93.8 76.8 115.2





#19
n-Nitroso-di-n-propylamine
Concen: 36.813 ng
RT: 7.251 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

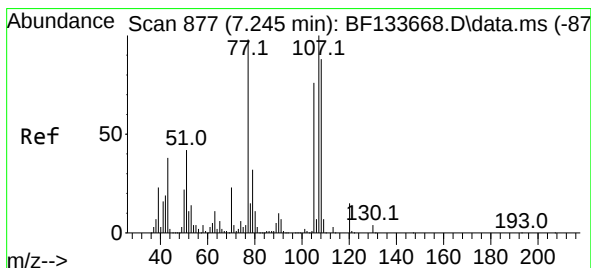
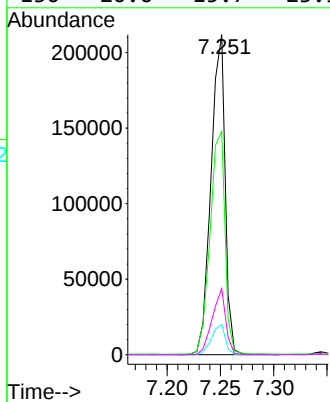
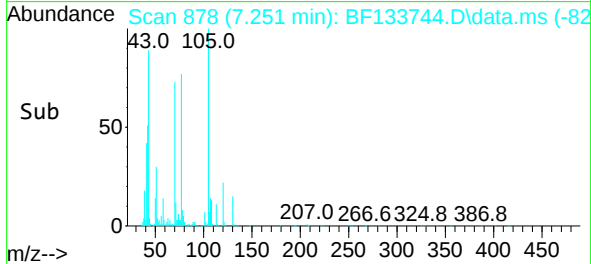
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 70 Resp: 195704
Ion Ratio Lower Upper
70 100
42 69.8 55.8 83.8
101 9.5 8.1 12.1
130 20.6 15.7 23.5

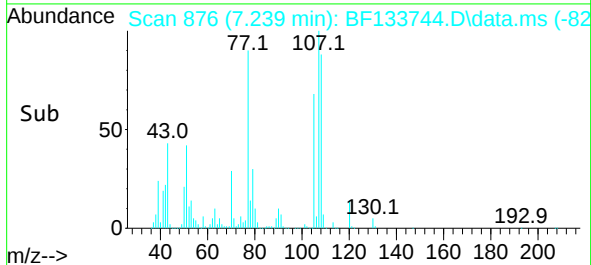
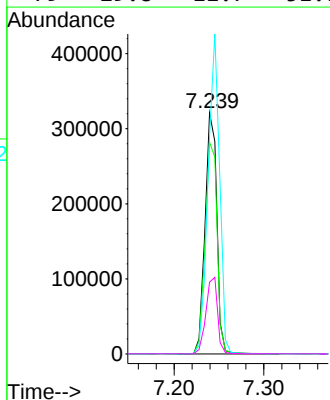
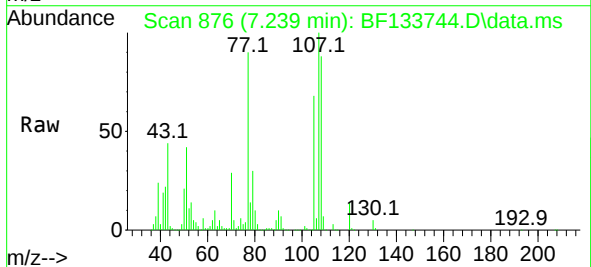
Manual Integrations
APPROVED

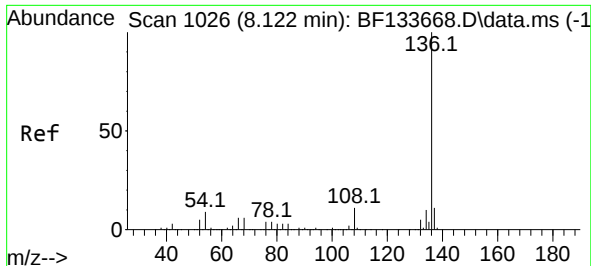
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#20
3+4-Methylphenols
Concen: 37.417 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:107 Resp: 291845
Ion Ratio Lower Upper
107 100
108 87.8 67.9 107.9
77 90.3 77.7 117.7
79 29.8 11.7 51.7





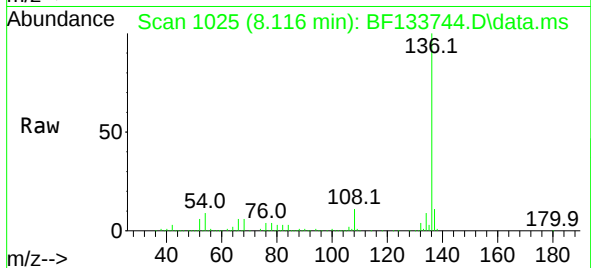
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

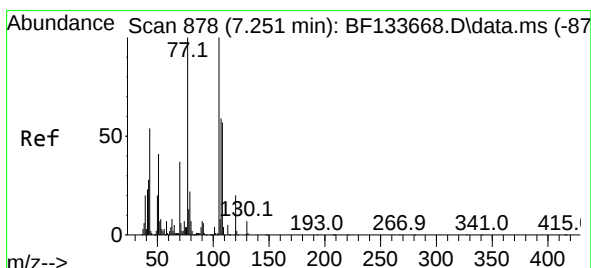
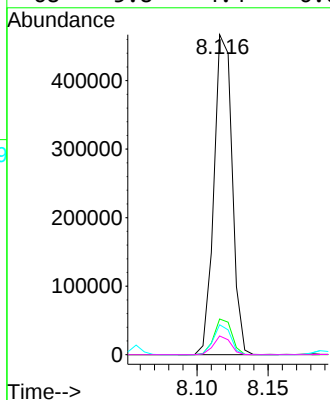
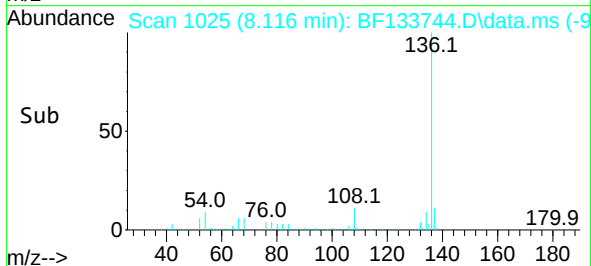


Tgt Ion:136 Resp: 415257
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.3 7.4 11.0
68 5.8 4.4 6.6

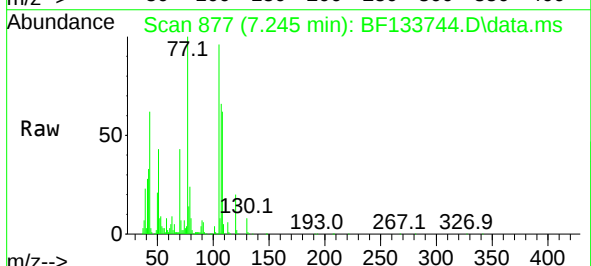
Manual Integrations

APPROVED

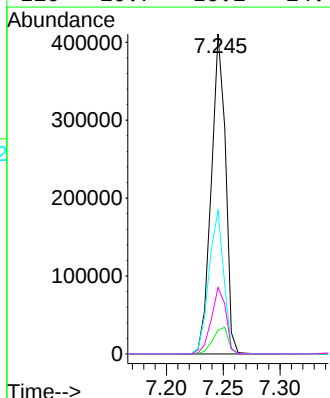
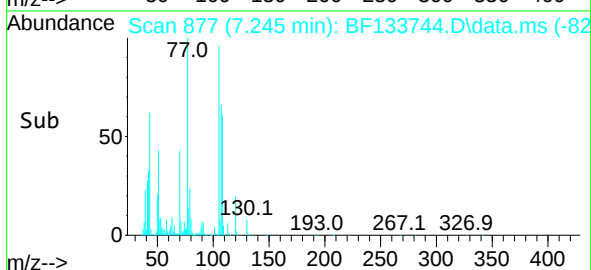
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

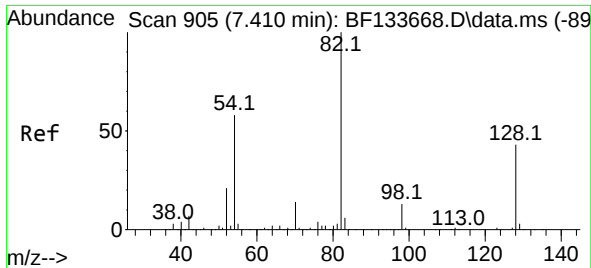


#22
Acetophenone
Concen: 37.599 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29



Tgt Ion:105 Resp: 358103
Ion Ratio Lower Upper
105 100
71 7.5 4.8 7.2#
51 44.8 33.0 49.4
120 20.7 16.2 24.4





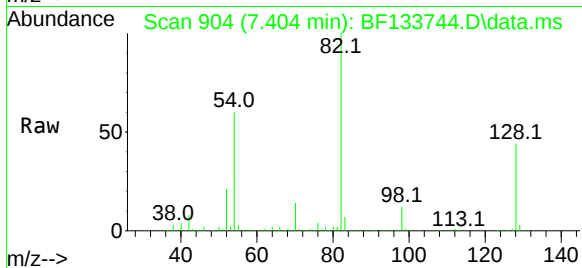
#23
Nitrobenzene-d5
Concen: 79.463 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :

BNA_F

ClientSampleId :

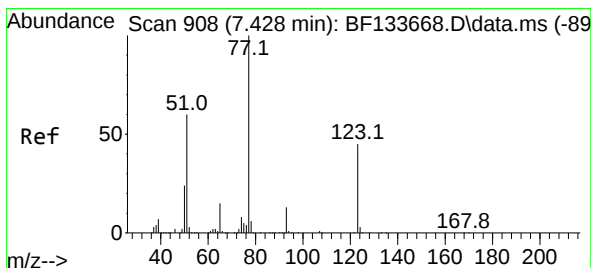
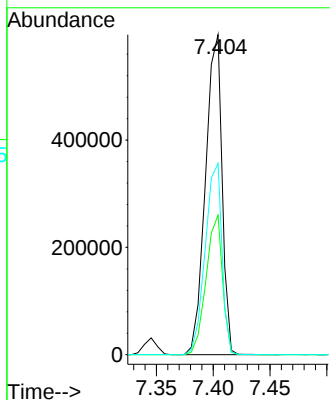
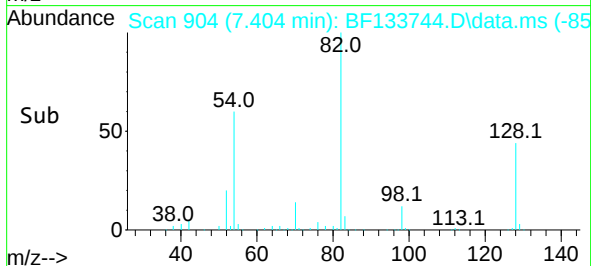
SSTDCCC040



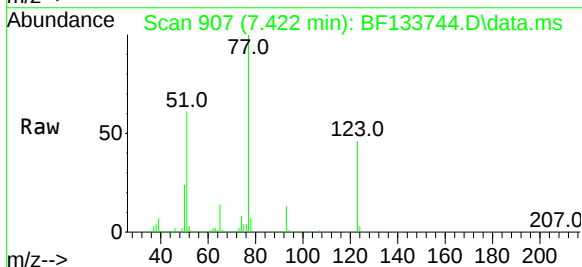
Tgt Ion: 82 Resp: 60583
Ion Ratio Lower Upper
82 100
128 43.6 34.2 51.2
54 59.8 46.5 69.7

Manual Integrations
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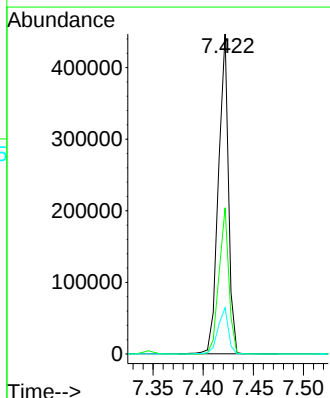
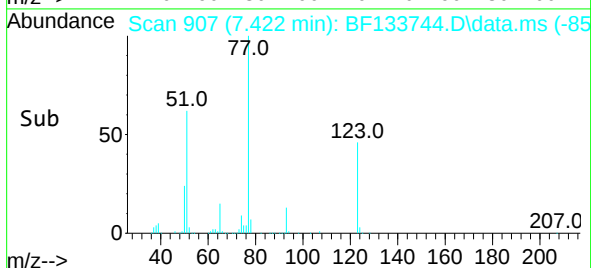
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

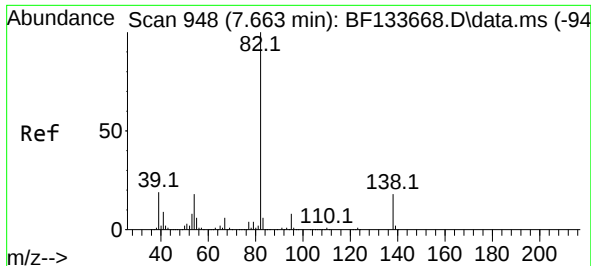


#24
Nitrobenzene
Concen: 40.322 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29



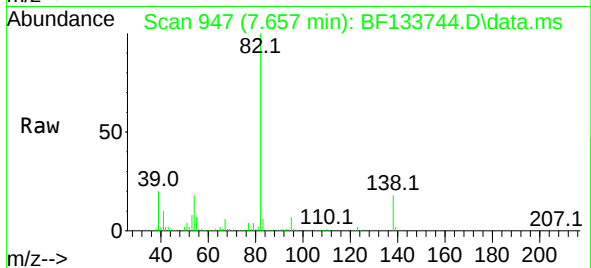
Tgt Ion: 77 Resp: 309546
Ion Ratio Lower Upper
77 100
123 45.7 35.8 53.8
65 14.5 11.6 17.4





#25
Isophorone
Concen: 37.644 ng
RT: 7.657 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

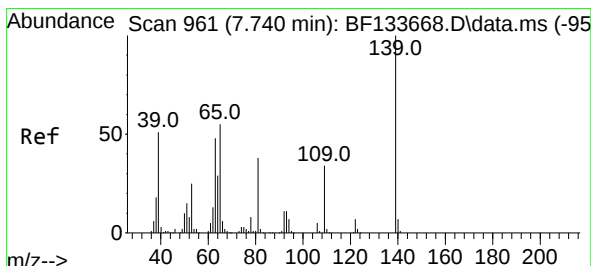
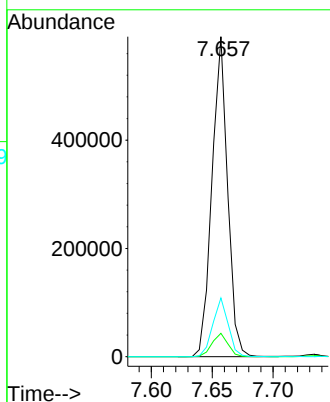
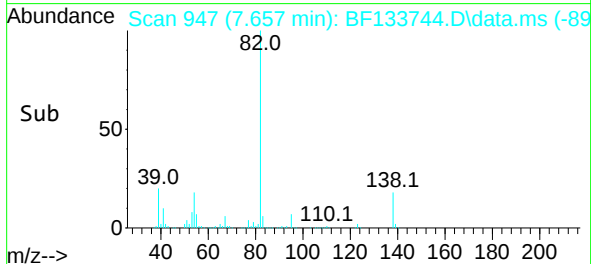
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



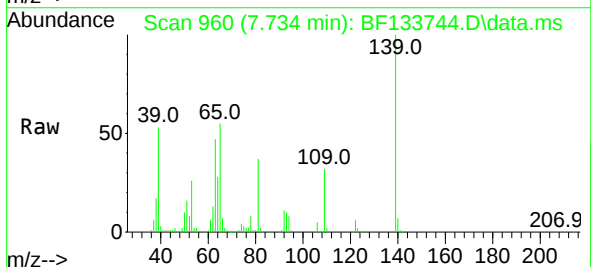
Tgt Ion: 82 Resp: 52689
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 18.4 14.2 21.2

Manual Integrations
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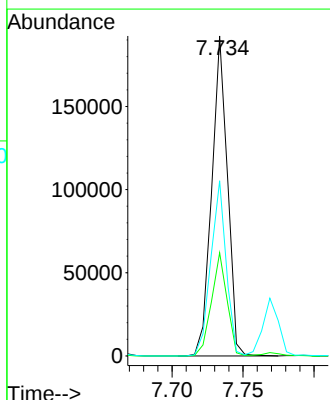
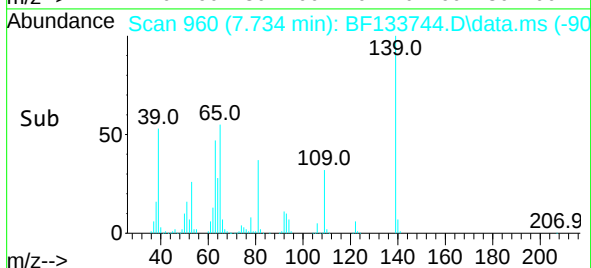
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

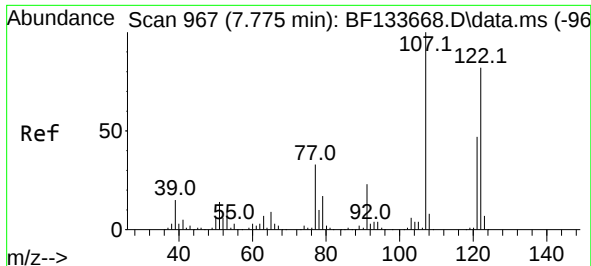


#26
2-Nitrophenol
Concen: 42.852 ng
RT: 7.734 min Scan# 960
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29



Tgt Ion:139 Resp: 147638
Ion Ratio Lower Upper
139 100
109 32.3 27.0 40.6
65 54.8 44.2 66.4





#27
2,4-Dimethylphenol
Concen: 39.495 ng
RT: 7.769 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :

BNA_F

ClientSampleId :

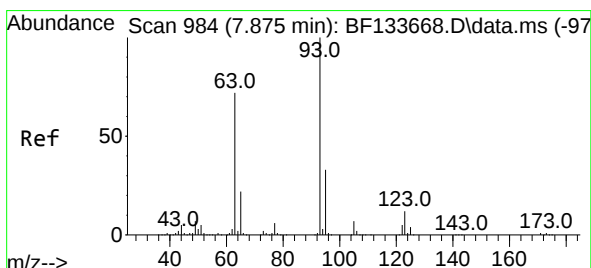
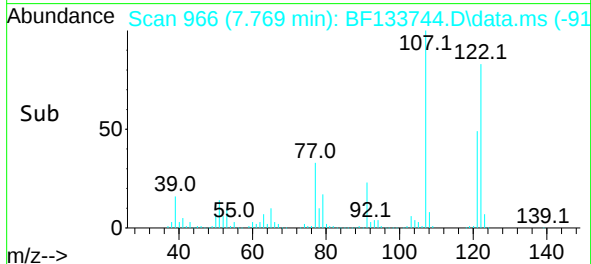
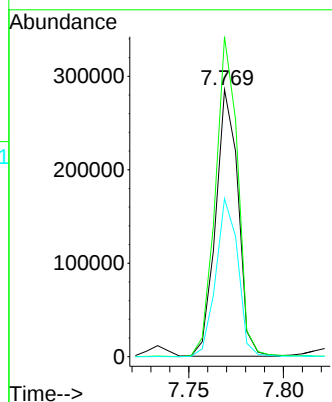
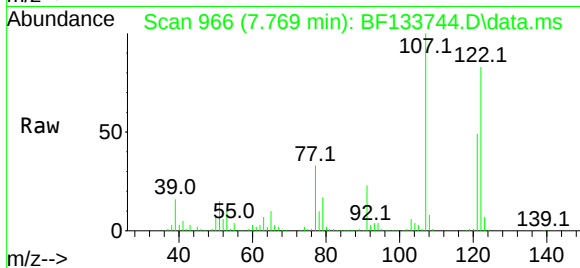
SSTDCCC040

Tgt Ion:122 Resp: 234530
Ion Ratio Lower Upper
122 100
107 119.8 97.8 146.6
121 59.2 46.1 69.1

Manual Integrations

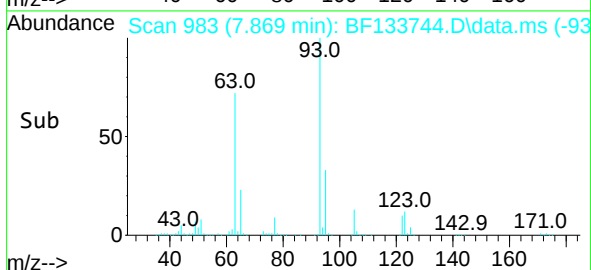
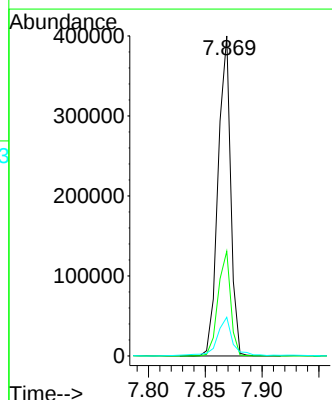
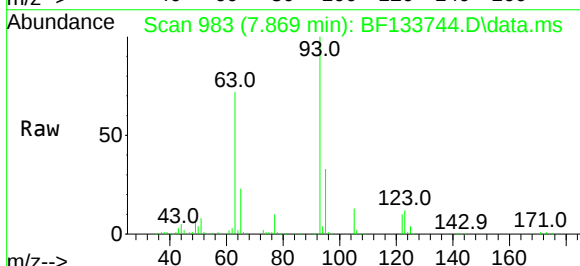
APPROVED

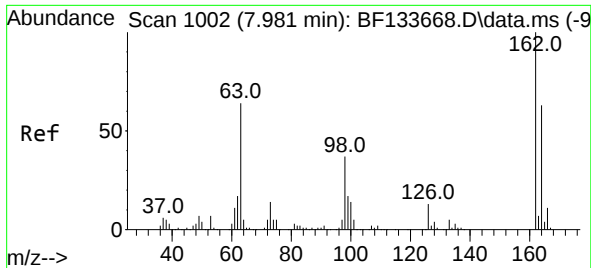
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#28
bis(2-Chloroethoxy)methane
Concen: 38.026 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion: 93 Resp: 307621
Ion Ratio Lower Upper
93 100
95 32.7 26.4 39.6
123 12.1 9.9 14.9





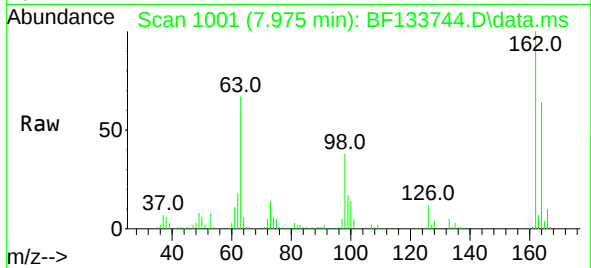
#29
2,4-Dichlorophenol
Concen: 38.742 ng
RT: 7.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



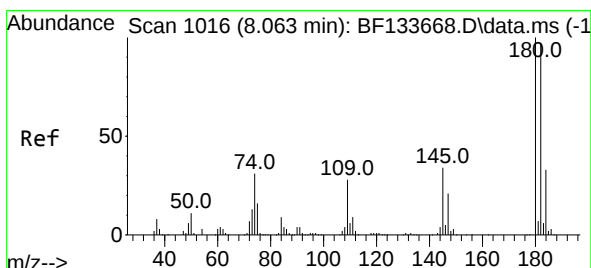
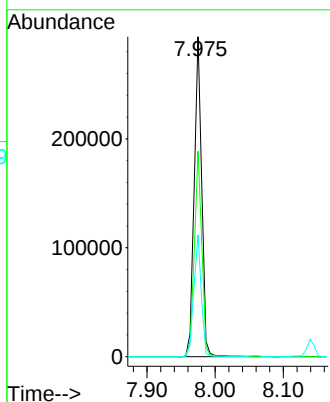
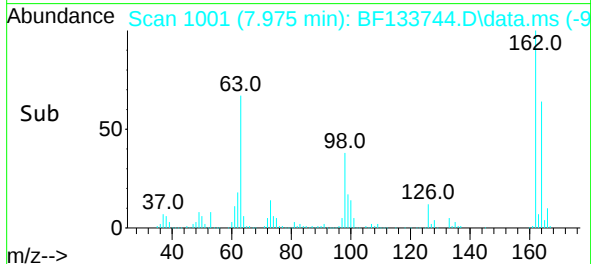
Tgt Ion:162 Resp: 22548
Ion Ratio Lower Upper
162 100
164 64.2 43.4 83.4
98 38.1 17.4 57.4

Manual Integrations

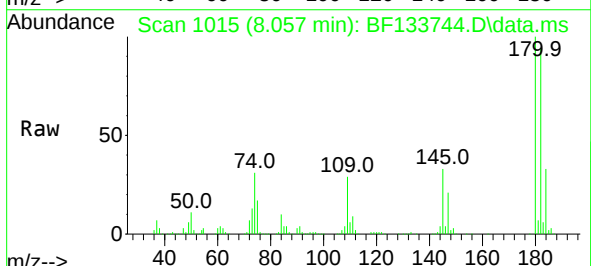
APPROVED

Reviewed By :Yogesh Patel 06/15/2023

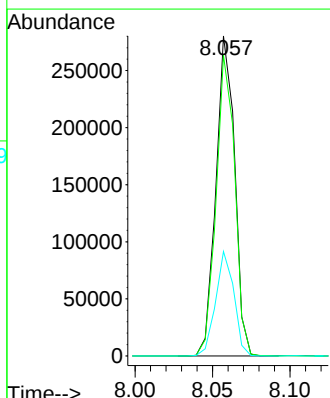
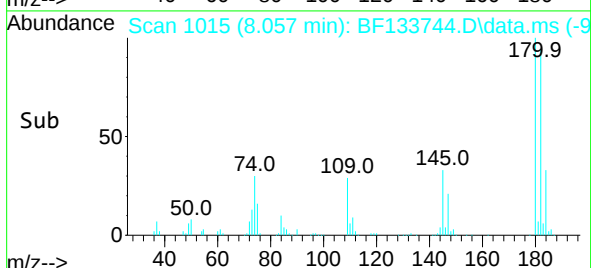
Supervised By :mohammad ahmed 06/16/2023

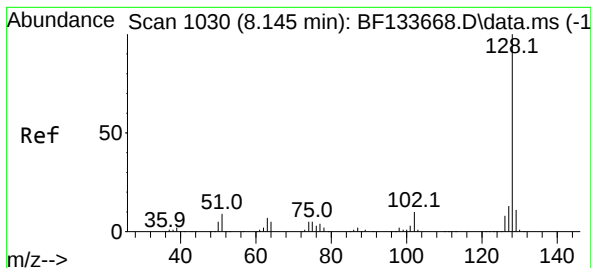


#30
1,2,4-Trichlorobenzene
Concen: 38.869 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29



Tgt Ion:180 Resp: 236023
Ion Ratio Lower Upper
180 100
182 94.0 77.8 116.8
145 32.6 27.0 40.4





#31

Naphthalene

Concen: 37.962 ng

RT: 8.139 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF133744.D

Acq: 14 Jun 2023 10:29

Instrument :

BNA_F

ClientSampleId :

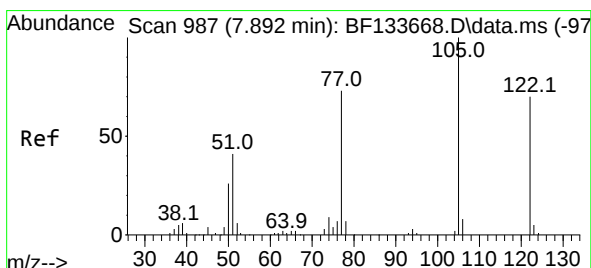
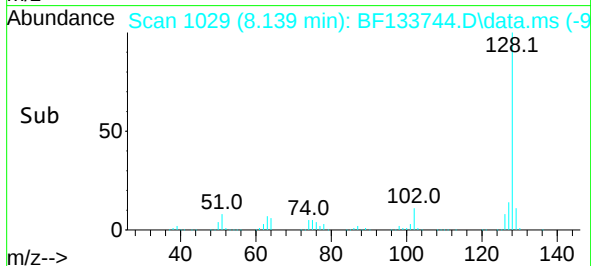
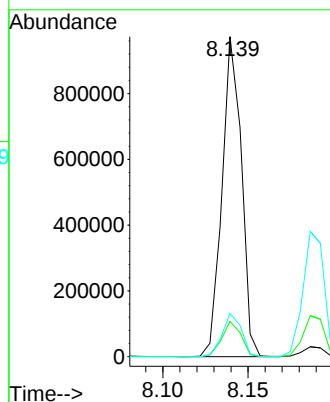
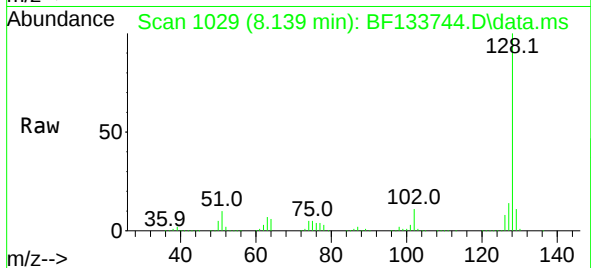
SSTDCCC040

Tgt Ion:128 Resp: 768025
 Ion Ratio Lower Upper
 128 100
 129 11.0 8.9 13.3
 127 13.5 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/15/2023
 Supervised By :mohammad ahmed 06/16/2023



#32

Benzoic acid

Concen: 45.850 ng m

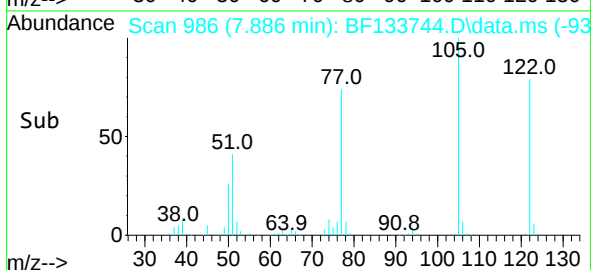
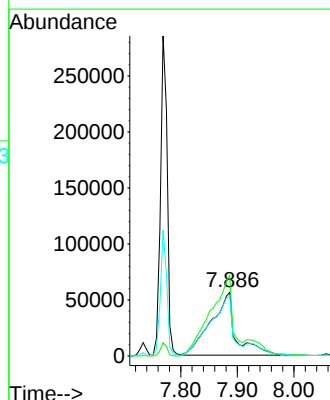
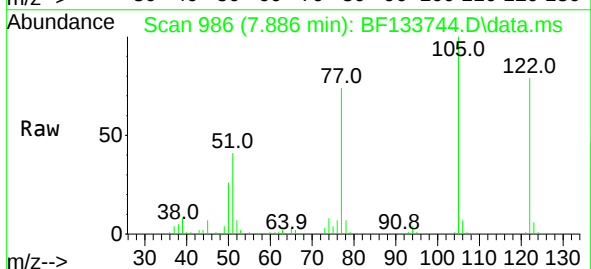
RT: 7.886 min Scan# 986

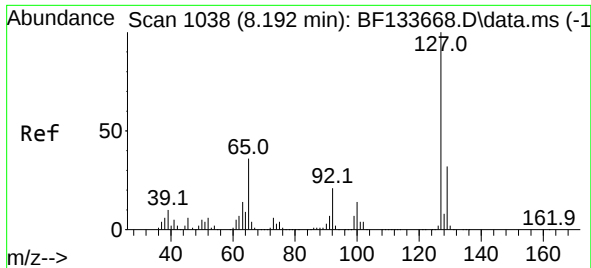
Delta R.T. -0.006 min

Lab File: BF133744.D

Acq: 14 Jun 2023 10:29

Tgt Ion:122 Resp: 171719
 Ion Ratio Lower Upper
 122 100
 105 126.3 116.3 156.3
 77 93.5 82.4 122.4





#33
4-Chloroaniline
Concen: 38.632 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :

BNA_F

ClientSampleId :

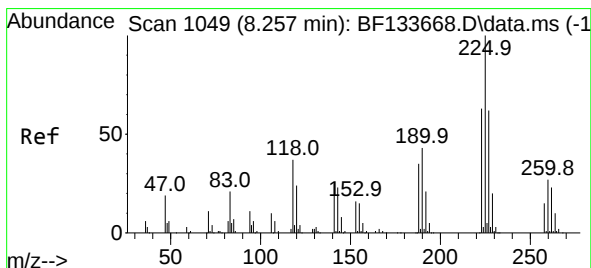
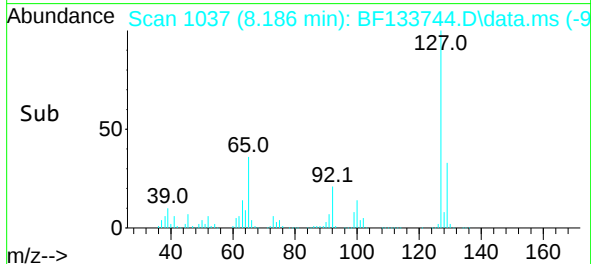
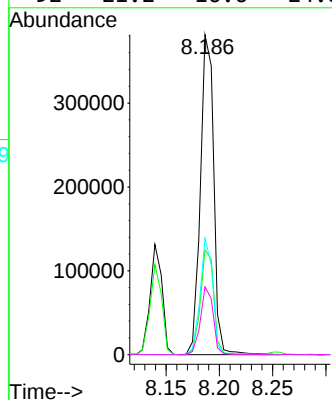
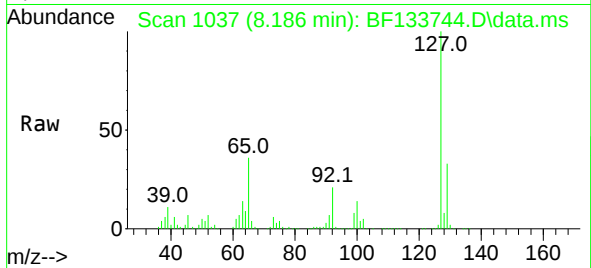
SSTDCCC040

Tgt Ion:127 Resp: 33418
Ion Ratio Lower Upper
127 100
129 32.8 25.6 38.4
65 36.3 28.9 43.3
92 21.2 16.6 24.8

Manual Integrations

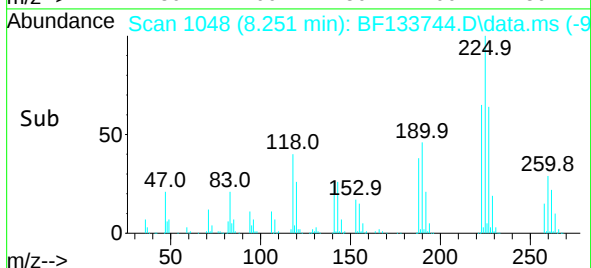
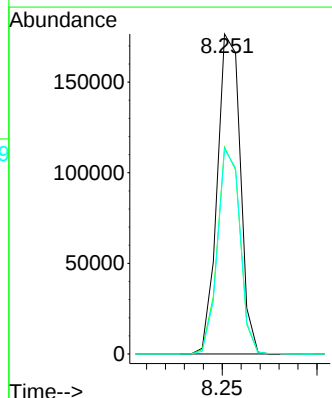
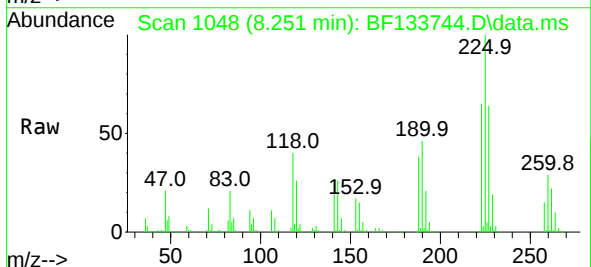
APPROVED

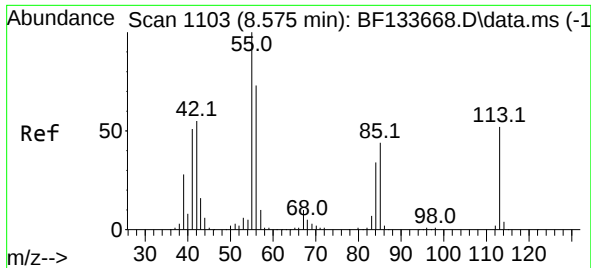
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#34
Hexachlorobutadiene
Concen: 37.548 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:225 Resp: 149277
Ion Ratio Lower Upper
225 100
223 64.6 50.2 75.4
227 64.0 49.5 74.3





#35
 Caprolactam
 Concen: 37.003 ng
 RT: 8.563 min Scan# 1101
 Delta R.T. -0.006 min
 Lab File: BF133744.D
 Acq: 14 Jun 2023 10:29

Instrument :

BNA_F

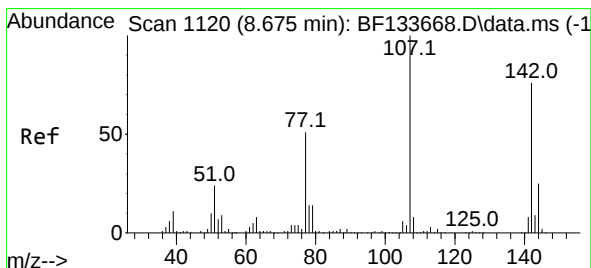
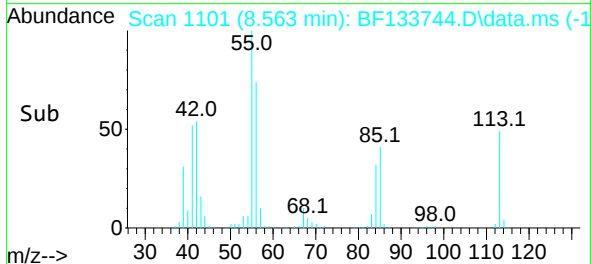
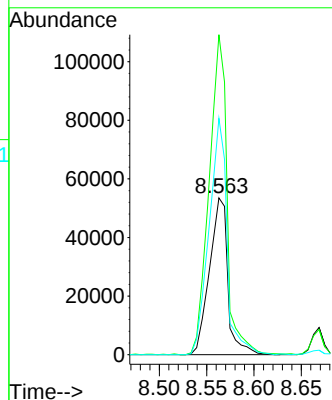
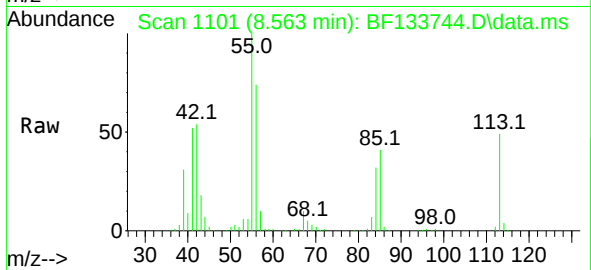
ClientSampleId :

SSTDCCC040

Tgt Ion:113 Resp: 72468
 Ion Ratio Lower Upper
 113 100
 55 204.1 173.3 213.3
 56 150.7 120.5 160.5

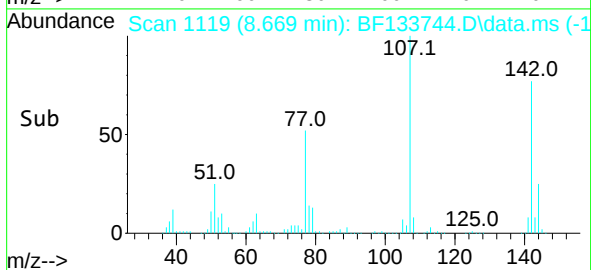
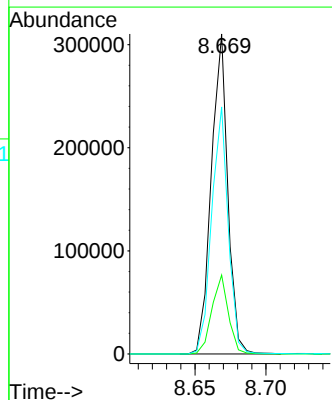
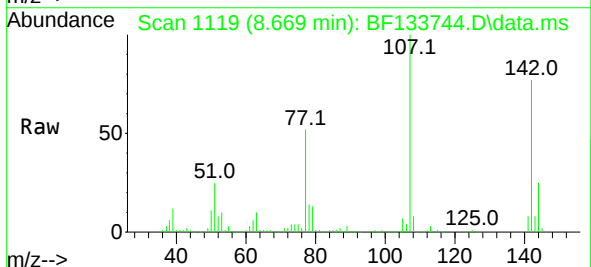
Manual Integrations
 APPROVED

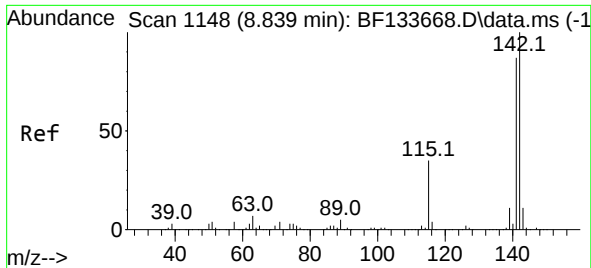
Reviewed By :Yogesh Patel 06/15/2023
 Supervised By :mohammad ahmed 06/16/2023



#36
 4-Chloro-3-methylphenol
 Concen: 37.416 ng
 RT: 8.669 min Scan# 1119
 Delta R.T. 0.000 min
 Lab File: BF133744.D
 Acq: 14 Jun 2023 10:29

Tgt Ion:107 Resp: 251010
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.7 29.5
 142 77.2 61.1 91.7





#37
2-Methylnaphthalene
Concen: 38.388 ng
RT: 8.833 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :

BNA_F

ClientSampleId :

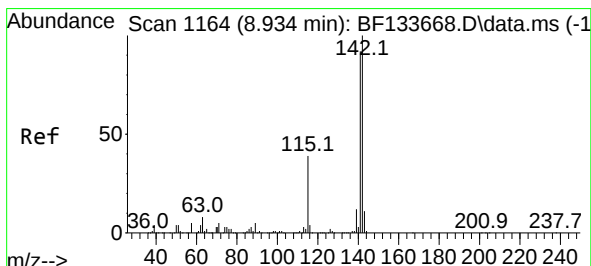
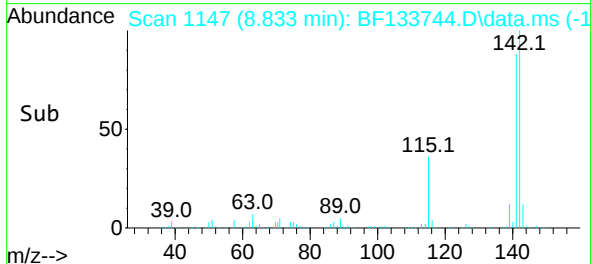
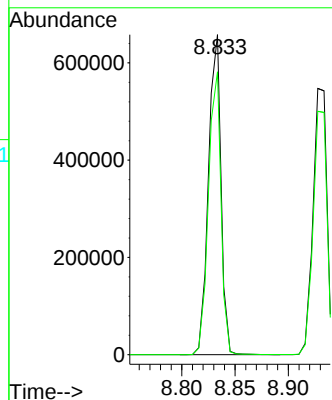
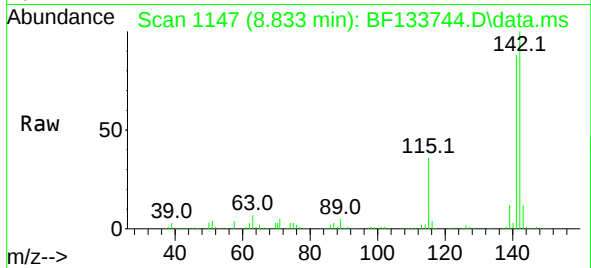
SSTDCCC040

Tgt Ion:142 Resp: 539618
Ion Ratio Lower Upper
142 100
141 88.4 69.8 104.8

Manual Integrations

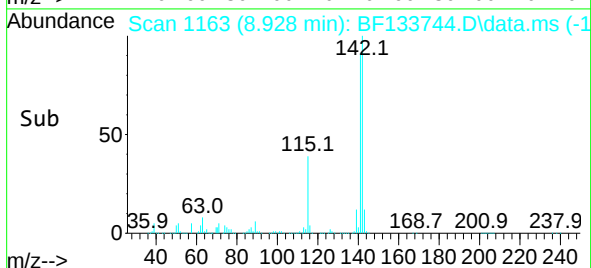
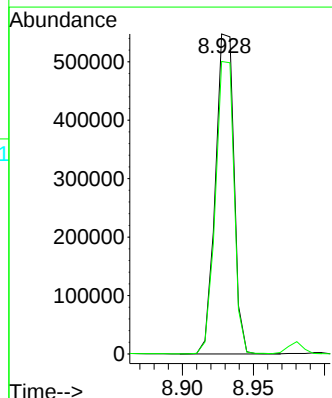
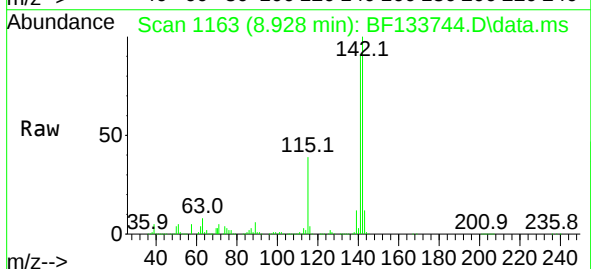
APPROVED

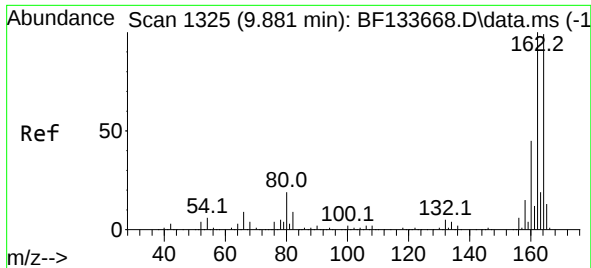
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#38
1-Methylnaphthalene
Concen: 38.525 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:142 Resp: 498332
Ion Ratio Lower Upper
142 100
141 91.4 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF133744.D

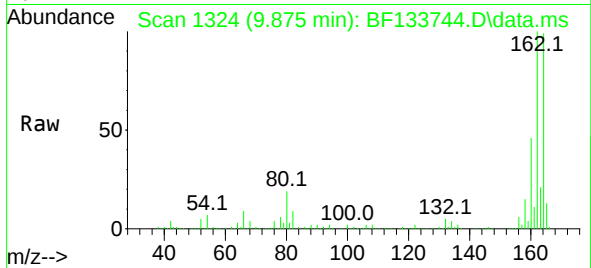
Acq: 14 Jun 2023 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 180780

Ion Ratio Lower Upper

164 100

162 100.7 80.8 121.2

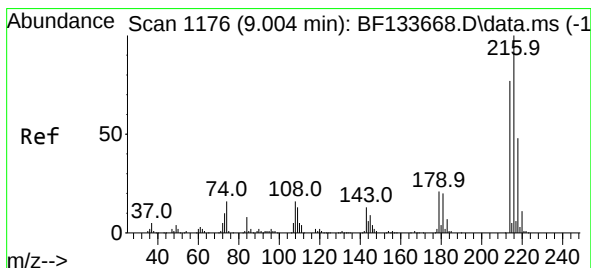
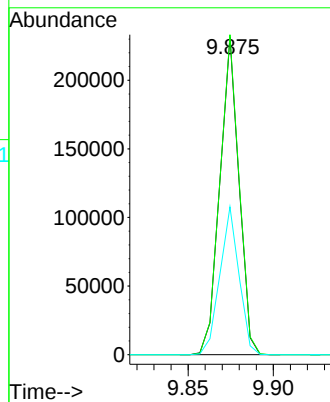
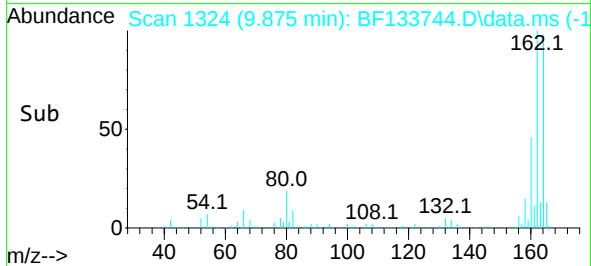
160 46.5 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/15/2023

Supervised By :mohammad ahmed 06/16/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.768 ng

RT: 8.998 min Scan# 1175

Delta R.T. 0.000 min

Lab File: BF133744.D

Acq: 14 Jun 2023 10:29

Tgt Ion:216 Resp: 235052

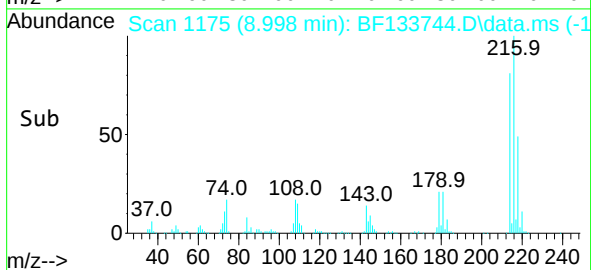
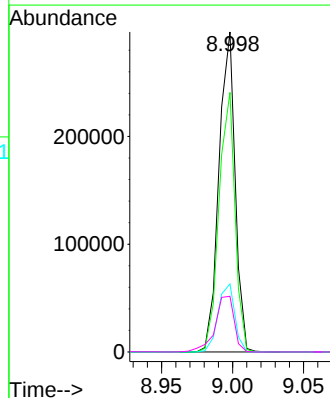
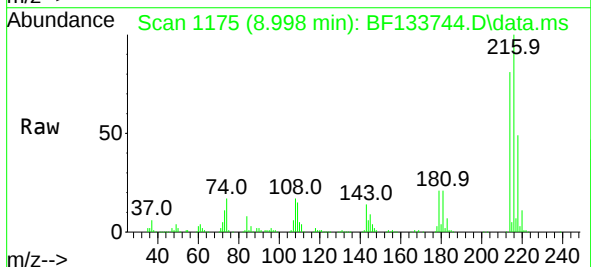
Ion Ratio Lower Upper

216 100

214 80.1 62.7 94.1

179 21.9 17.6 26.4

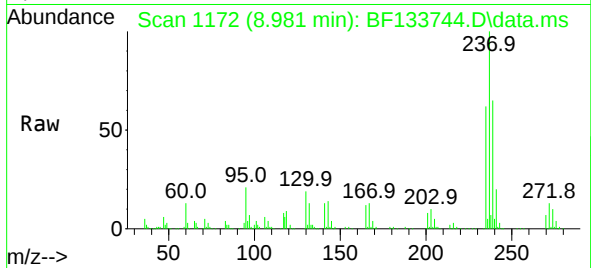
108 20.6 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 50.414 ng
RT: 8.981 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

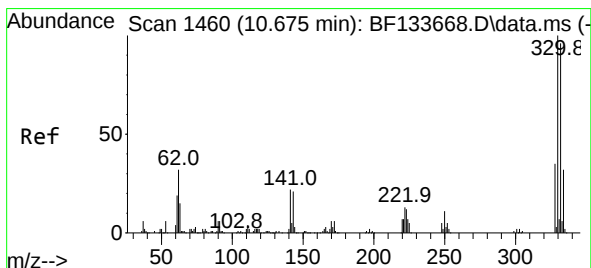
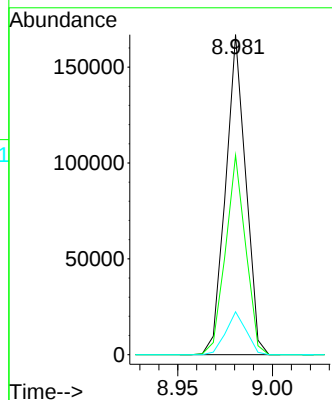
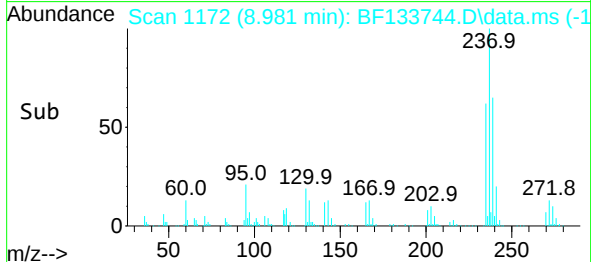
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



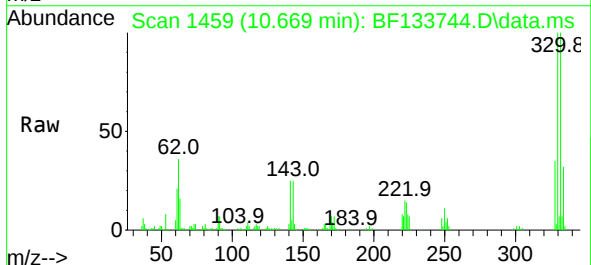
Tgt Ion: 237 Resp: 123475
Ion Ratio Lower Upper
237 100
235 62.3 40.6 80.6
272 13.4 0.0 32.6

Manual Integrations
APPROVED

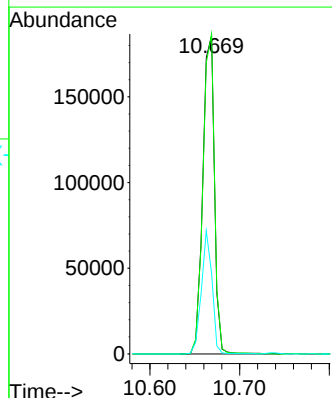
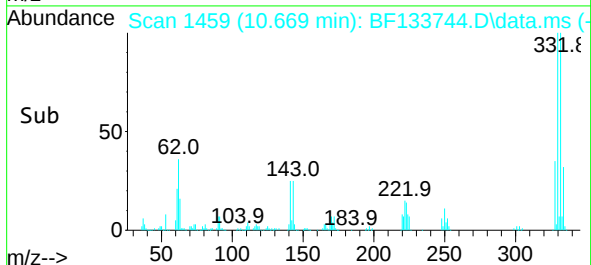
Reviewed By : Yogesh Patel 06/15/2023
Supervised By : mohammad ahmed 06/16/2023



#42
2,4,6-Tribromophenol
Concen: 72.989 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29



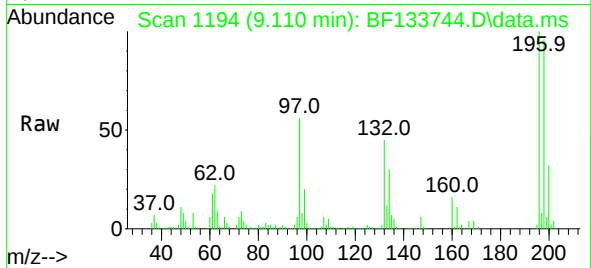
Tgt Ion: 330 Resp: 167029
Ion Ratio Lower Upper
330 100
332 99.8 77.2 115.8
141 35.5 24.9 37.3





#43
2,4,6-Trichlorophenol
Concen: 44.296 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

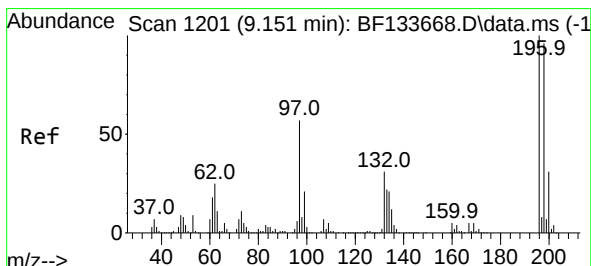
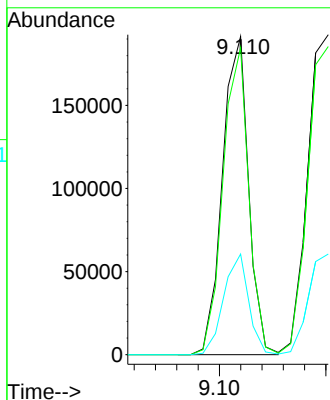
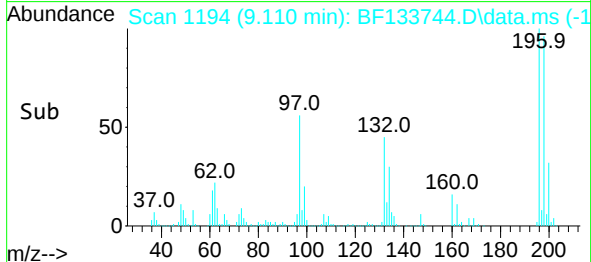
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



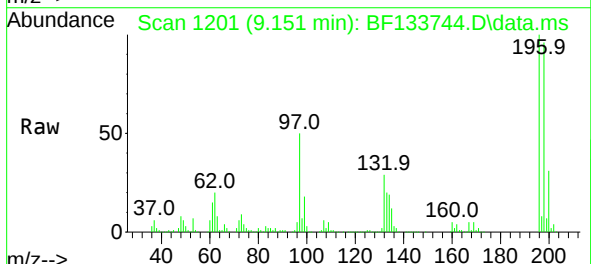
Tgt Ion:196 Resp: 162680
Ion Ratio Lower Upper
196 100
198 96.4 74.5 111.7
200 31.6 22.9 34.3

Manual Integrations
APPROVED

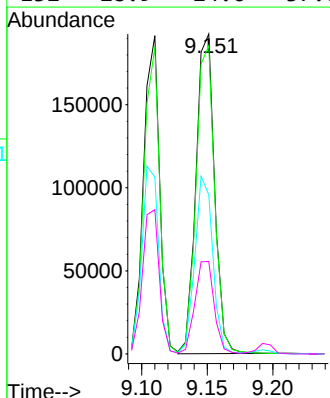
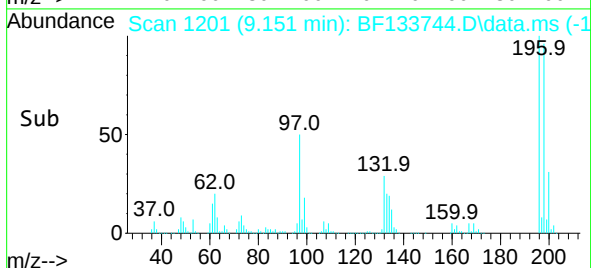
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

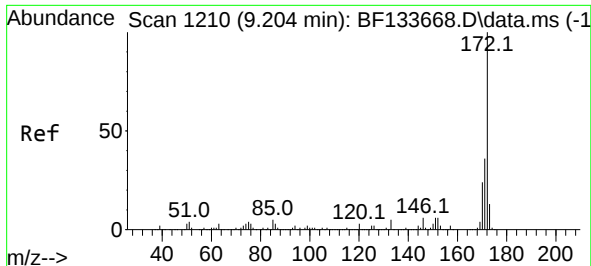


#44
2,4,5-Trichlorophenol
Concen: 44.444 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29



Tgt Ion:196 Resp: 189899
Ion Ratio Lower Upper
196 100
198 96.3 76.8 115.2
97 49.7 45.4 68.2
132 28.9 24.6 37.0





#45
2-Fluorobiphenyl
Concen: 85.395 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :

BNA_F

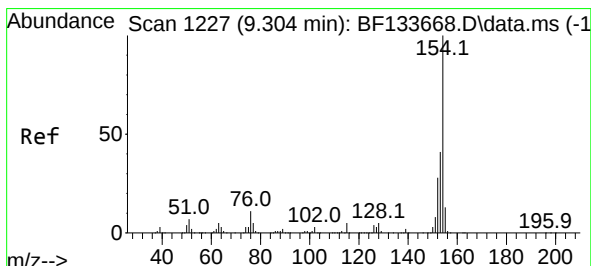
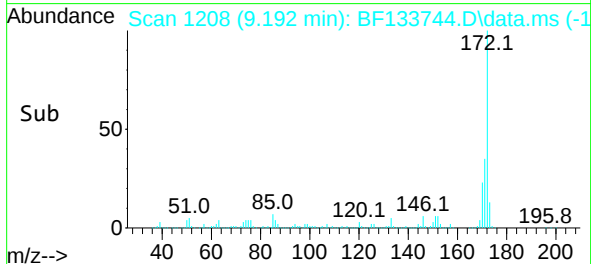
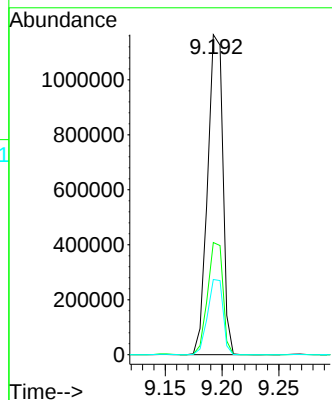
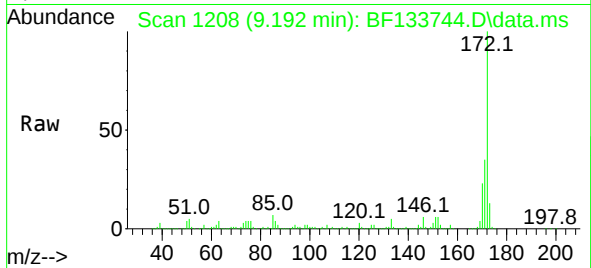
ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 108604
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.5 19.1 28.7

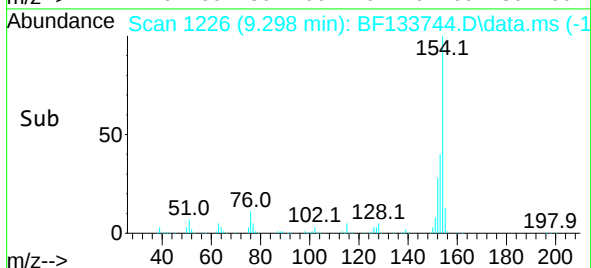
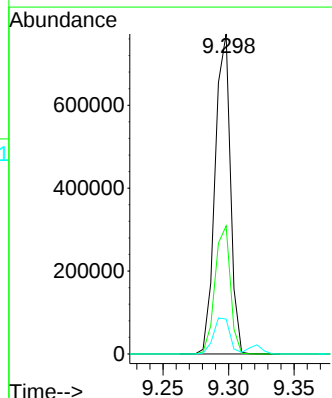
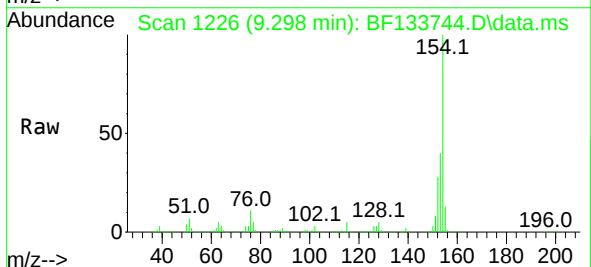
Manual Integrations
APPROVED

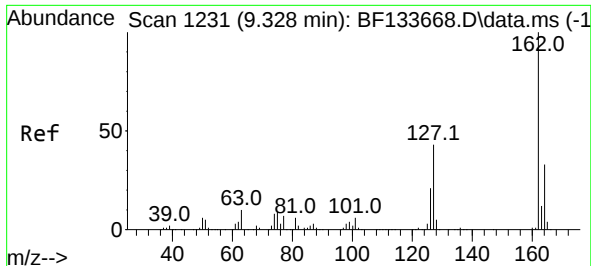
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#46
1,1'-Biphenyl
Concen: 42.901 ng
RT: 9.298 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:154 Resp: 625531
Ion Ratio Lower Upper
154 100
153 40.0 20.6 60.6
76 10.9 0.0 31.0





#47

2-Chloronaphthalene

Concen: 43.708 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF133744.D

Acq: 14 Jun 2023 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 457139

Ion Ratio Lower Upper

162 100

127 43.7 34.6 52.0

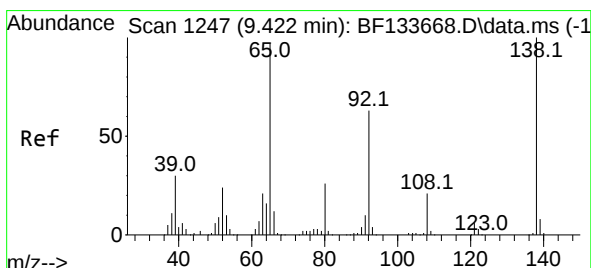
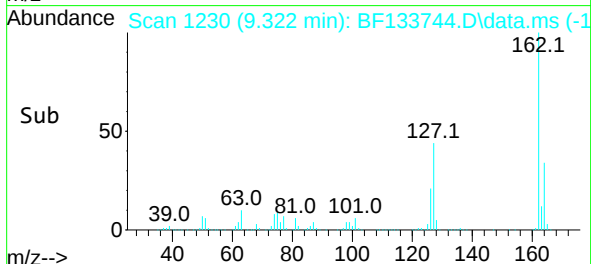
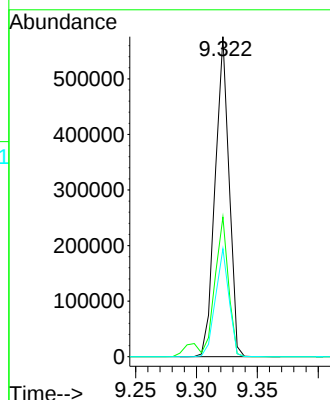
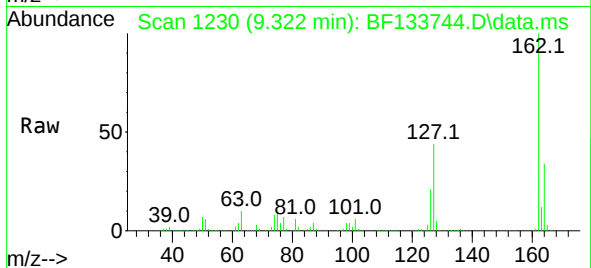
164 33.7 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/15/2023

Supervised By :mohammad ahmed 06/16/2023



#48

2-Nitroaniline

Concen: 40.140 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF133744.D

Acq: 14 Jun 2023 10:29

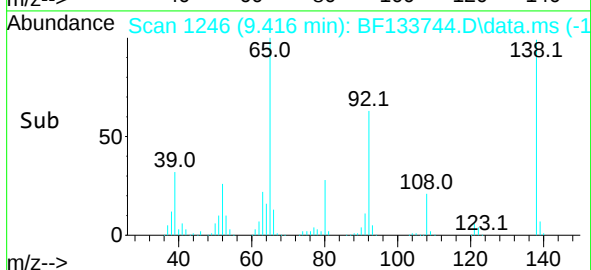
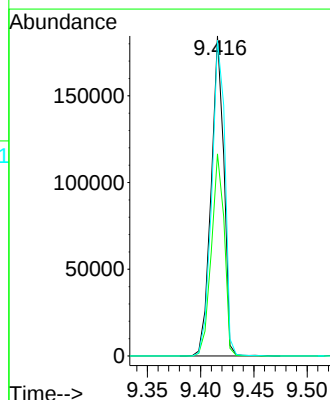
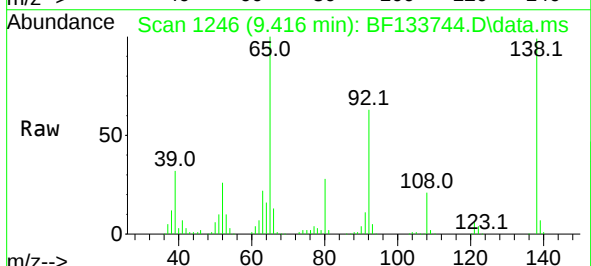
Tgt Ion: 65 Resp: 153541

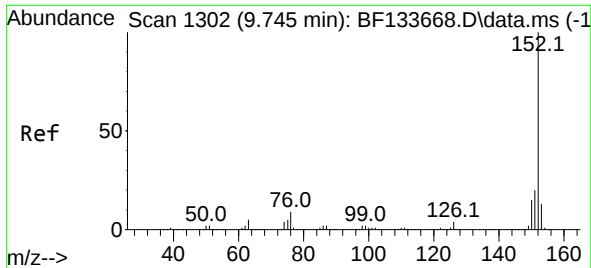
Ion Ratio Lower Upper

65 100

92 63.1 51.8 77.6

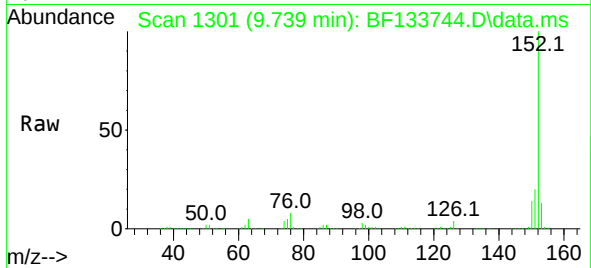
138 98.6 82.1 123.1





#49
Acenaphthylene
Concen: 38.701 ng
RT: 9.739 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

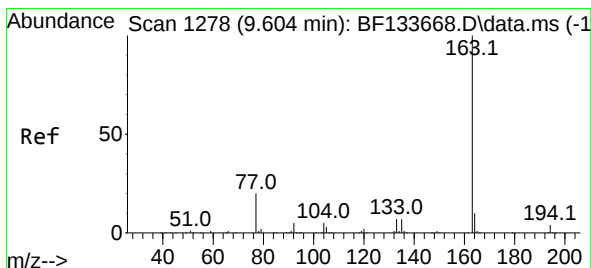
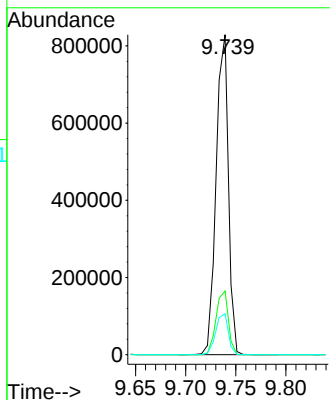
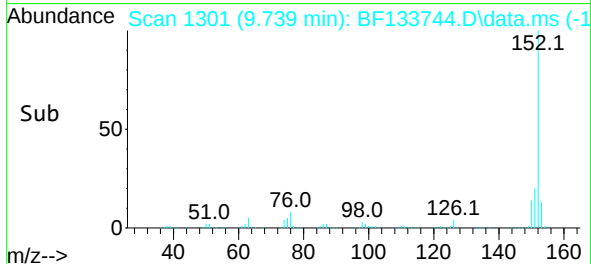
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



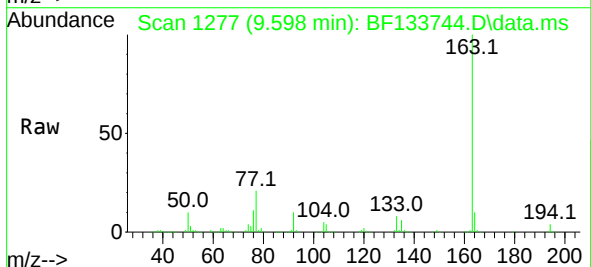
Tgt Ion:152 Resp: 70449
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.4
153 12.8 10.4 15.6

Manual Integrations
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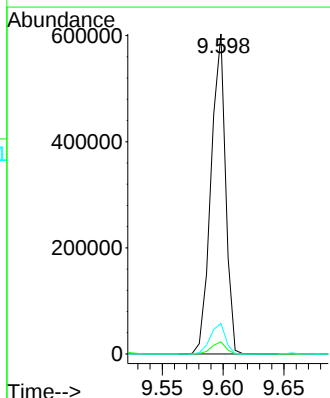
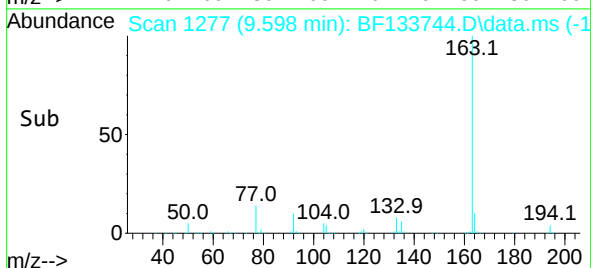
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

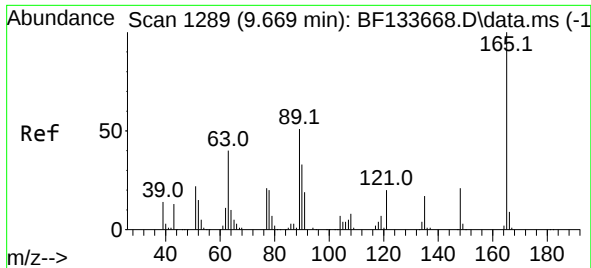


#50
Dimethylphthalate
Concen: 37.034 ng
RT: 9.598 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29



Tgt Ion:163 Resp: 499751
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 9.6 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 39.813 ng
RT: 9.663 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :

BNA_F

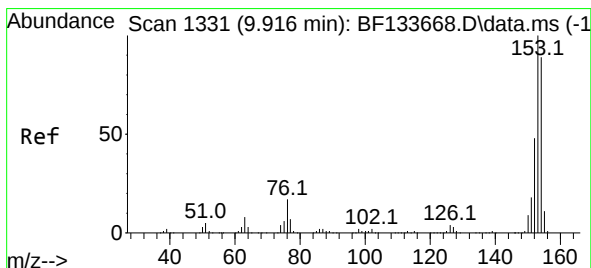
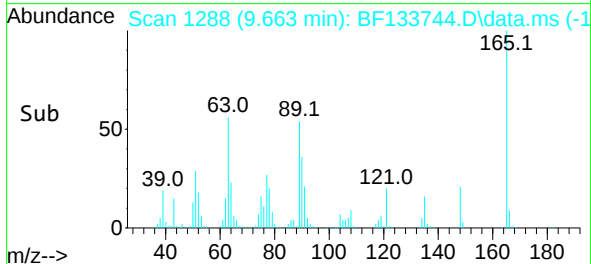
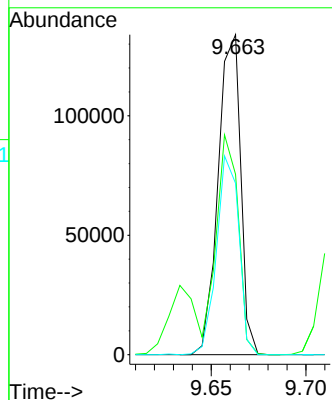
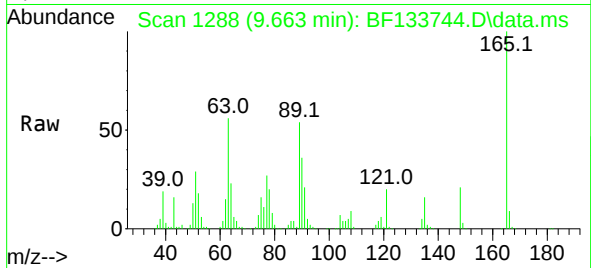
ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 11089
Ion Ratio Lower Upper
165 100
63 56.4 42.1 63.1
89 53.5 40.9 61.3

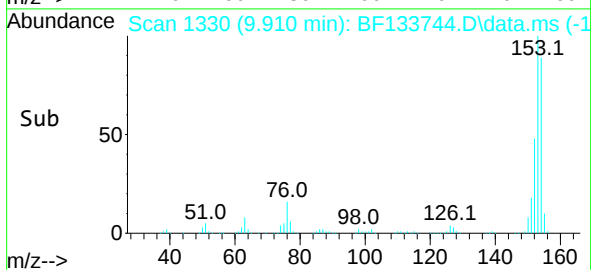
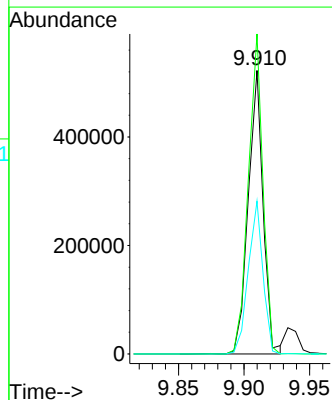
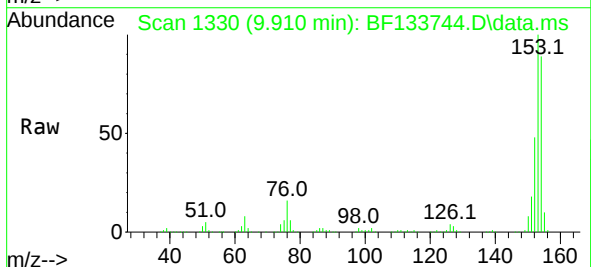
Manual Integrations
APPROVED

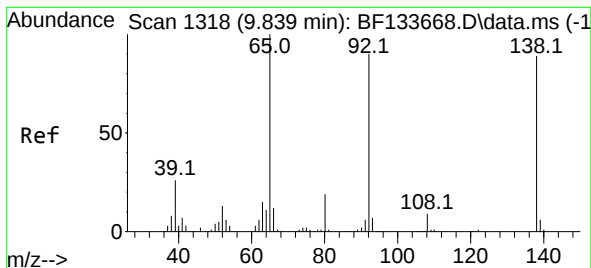
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#52
Acenaphthene
Concen: 38.645 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:154 Resp: 411776
Ion Ratio Lower Upper
154 100
153 112.8 89.8 134.8
152 53.9 43.4 65.2





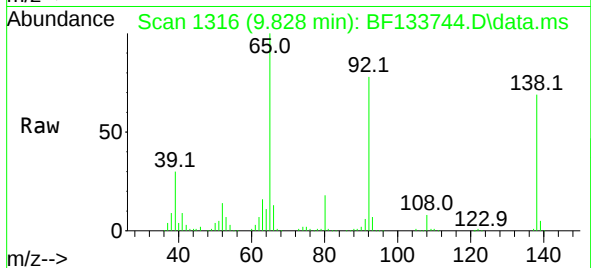
#53
3-Nitroaniline
Concen: 38.404 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



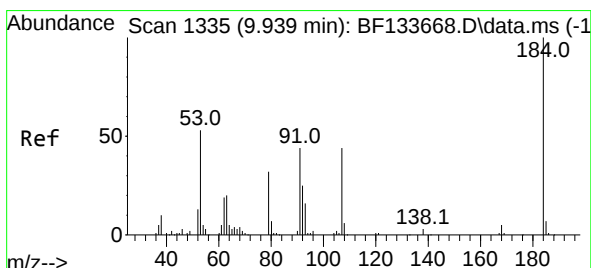
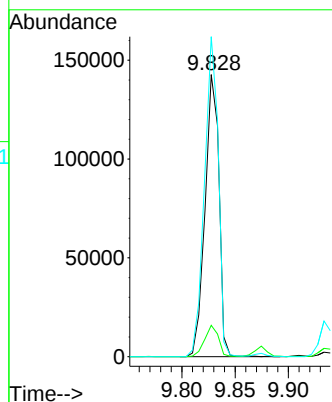
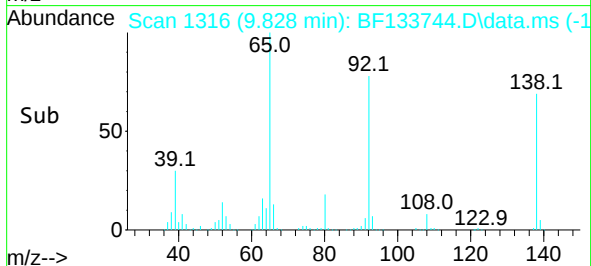
Tgt Ion:138 Resp: 13017
Ion Ratio Lower Upper
138 100
108 11.1 8.2 12.4
92 113.5 81.0 121.6

Manual Integrations

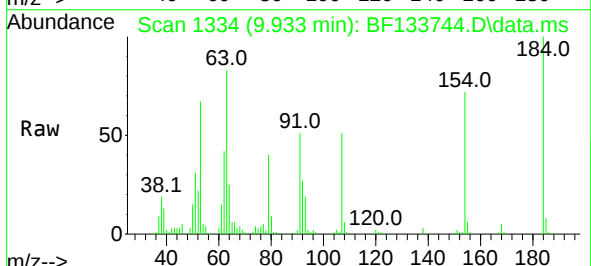
APPROVED

Reviewed By :Yogesh Patel 06/15/2023

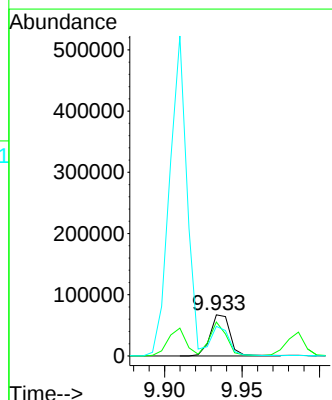
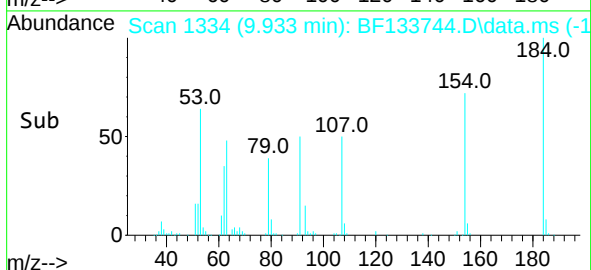
Supervised By :mohammad ahmed 06/16/2023

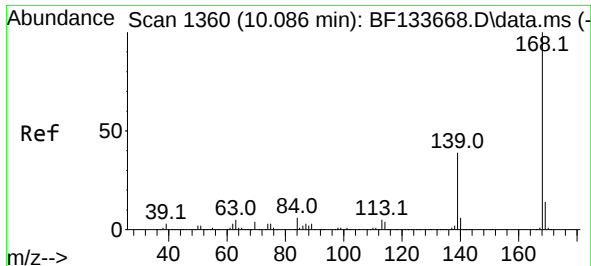


#54
2,4-Dinitrophenol
Concen: 46.701 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29



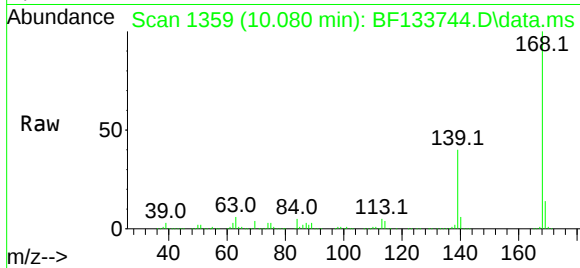
Tgt Ion:184 Resp: 60076
Ion Ratio Lower Upper
184 100
63 82.6 55.3 82.9
154 72.1 51.9 77.9





#55
Dibenzenofuran
Concen: 38.932 ng
RT: 10.080 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

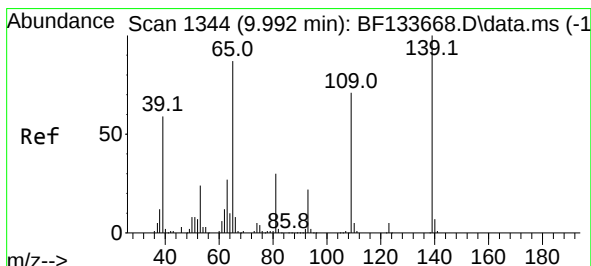
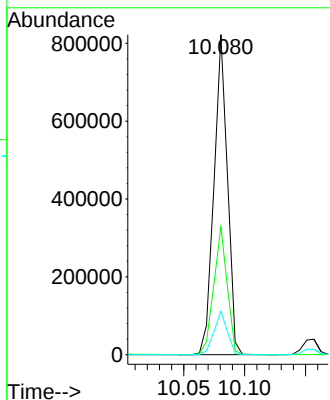
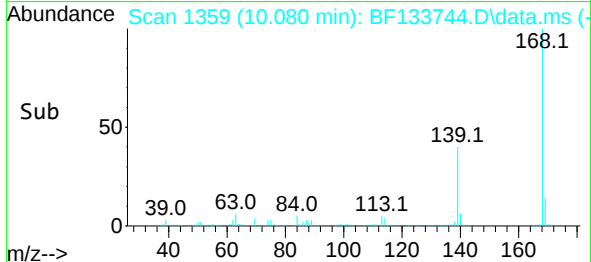
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



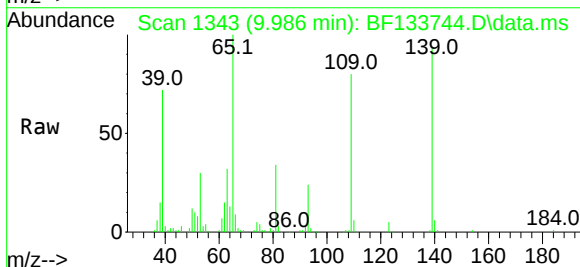
Tgt Ion:168 Resp: 632992
Ion Ratio Lower Upper
168 100
139 39.9 30.9 46.3
169 13.5 10.9 16.3

Manual Integrations
APPROVED

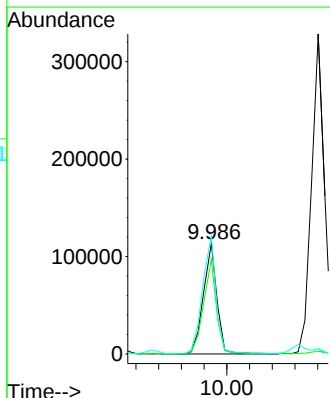
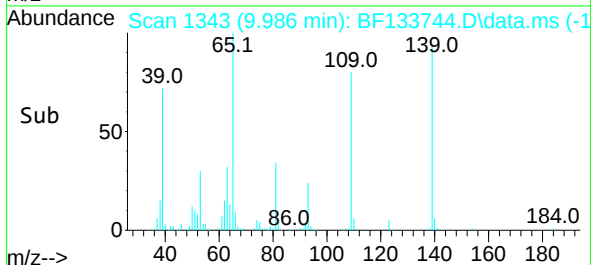
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#56
4-Nitrophenol
Concen: 40.972 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29



Tgt Ion:139 Resp: 93726
Ion Ratio Lower Upper
139 100
109 85.7 50.7 90.7
65 107.2 67.1 107.1#





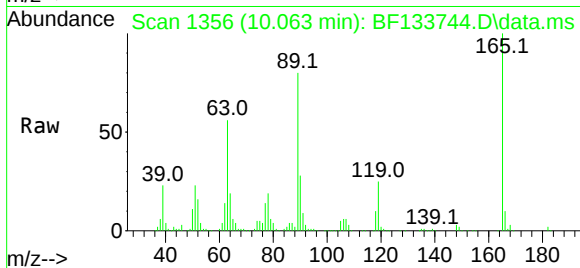
#57
2,4-Dinitrotoluene
Concen: 40.657 ng
RT: 10.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

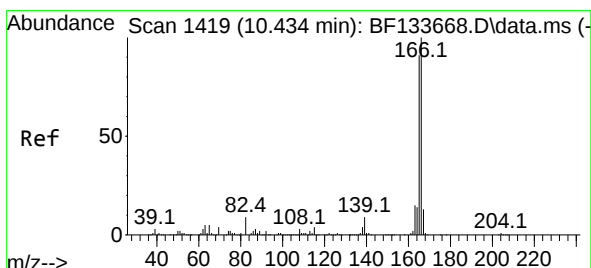
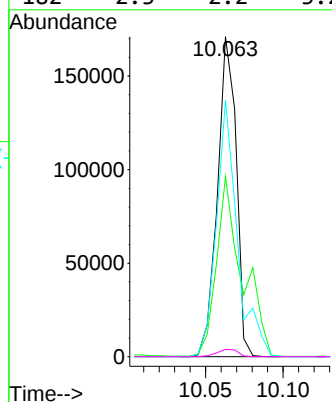
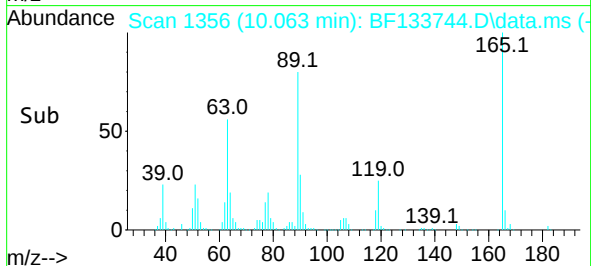


Tgt Ion:165 Resp: 144024
Ion Ratio Lower Upper
165 100
63 56.3 43.0 64.6
89 80.2 62.6 93.8
182 2.3 2.2 3.2

Manual Integrations

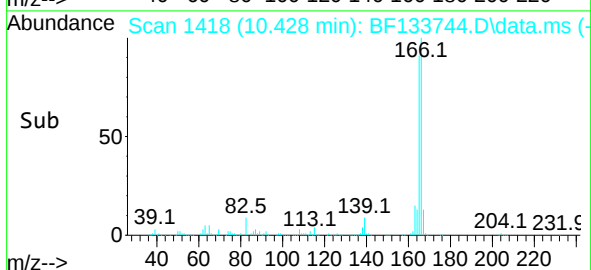
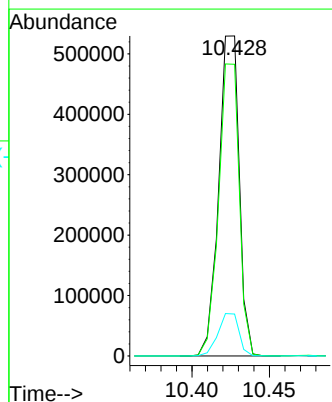
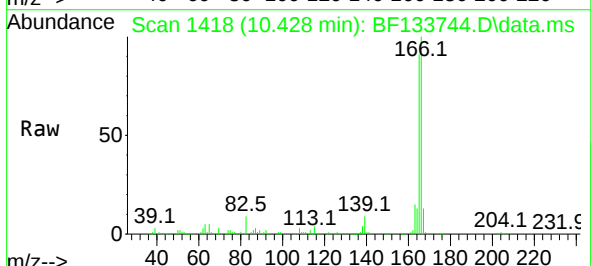
APPROVED

Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#58
Fluorene
Concen: 39.291 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:166 Resp: 488538
Ion Ratio Lower Upper
166 100
165 91.2 73.1 109.7
167 13.1 10.5 15.7





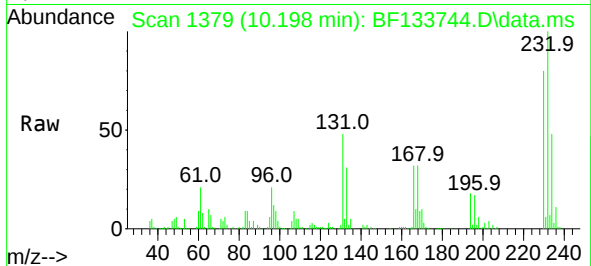
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.527 ng
RT: 10.198 min Scan# 1379
Delta R.T. -0.006 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

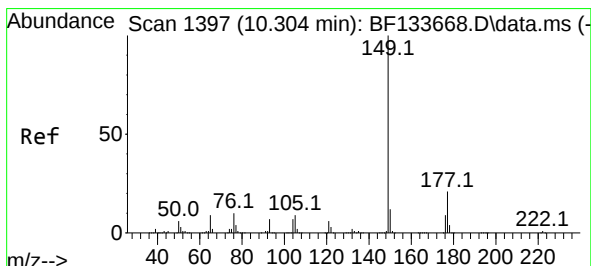
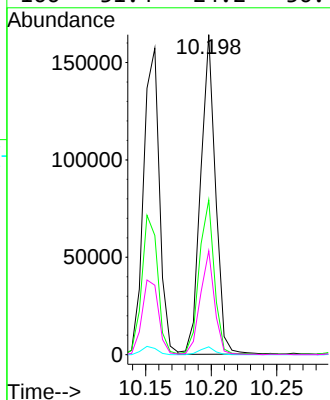
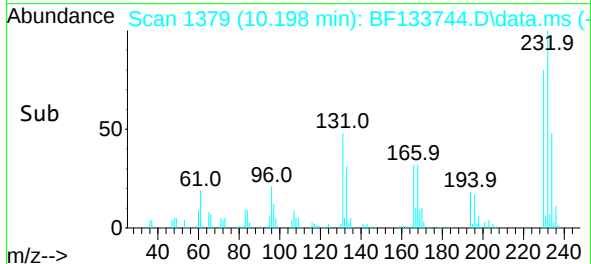


Tgt Ion:232 Resp: 12964
Ion Ratio Lower Upper
232 100
131 49.0 38.0 57.0
130 2.4 1.8 2.8
166 31.4 24.2 36.4

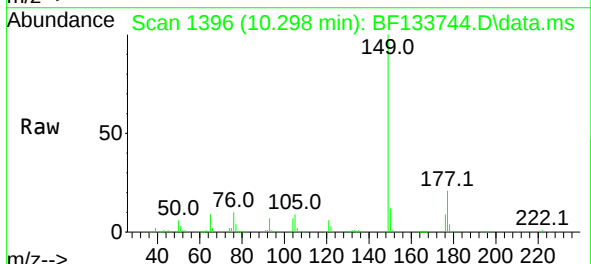
Manual Integrations

APPROVED

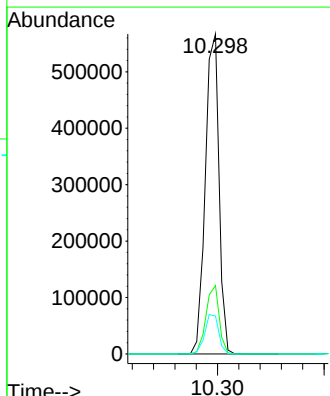
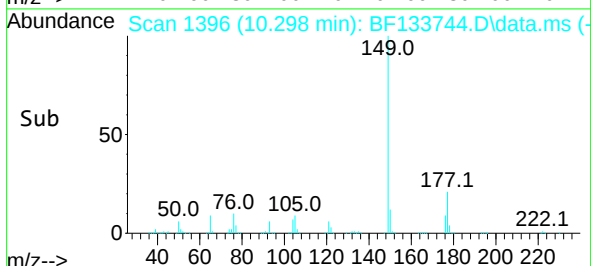
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

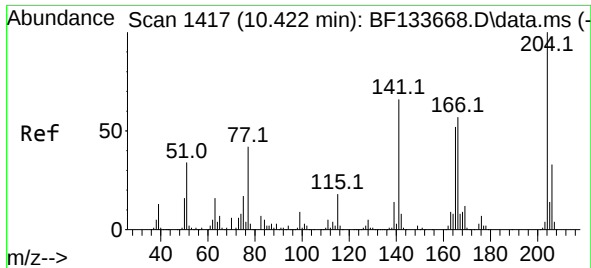


#60
Diethylphthalate
Concen: 36.969 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29



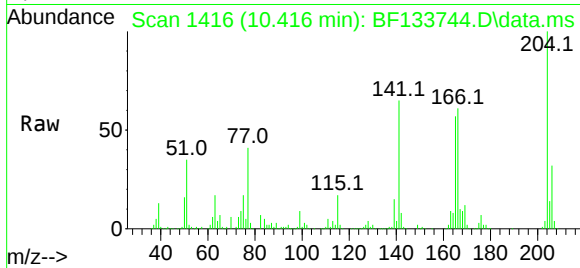
Tgt Ion:149 Resp: 507730
Ion Ratio Lower Upper
149 100
177 21.4 17.0 25.6
150 11.8 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 37.399 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

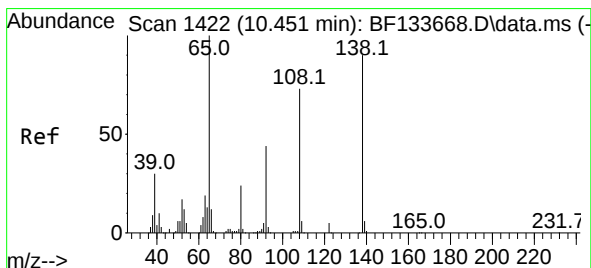
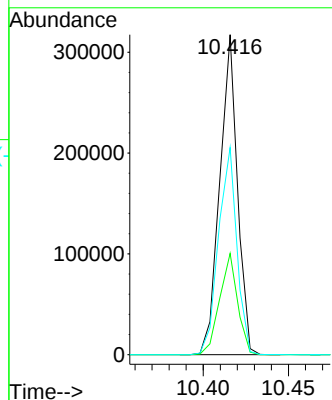
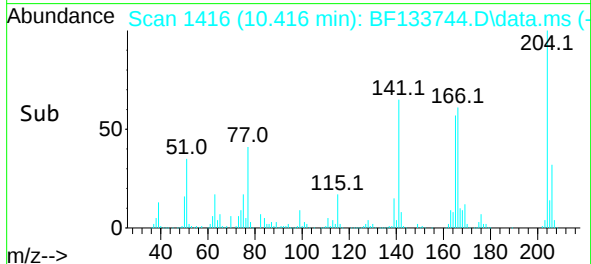
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



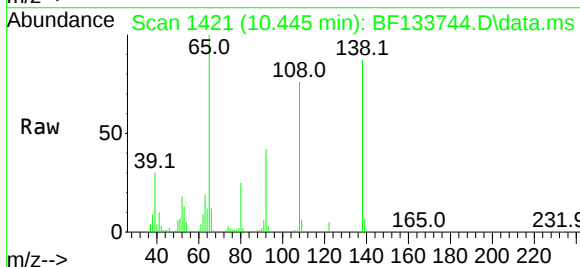
Tgt Ion:204 Resp: 229560
Ion Ratio Lower Upper
204 100
206 31.6 26.4 39.6
141 64.8 52.8 79.2

Manual Integrations
APPROVED

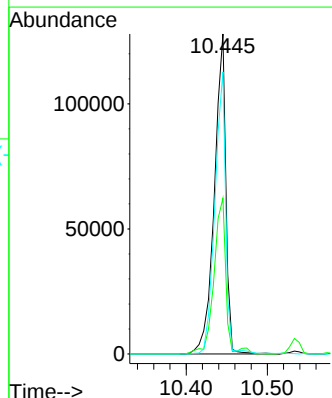
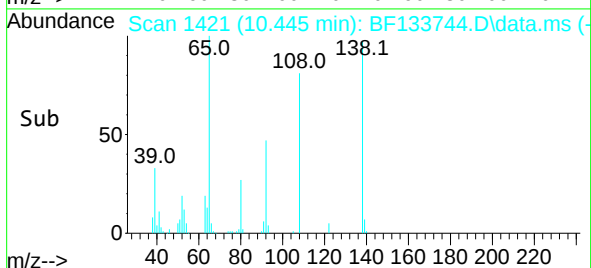
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#62
4-Nitroaniline
Concen: 37.835 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29



Tgt Ion:138 Resp: 125741
Ion Ratio Lower Upper
138 100
92 48.7 28.9 68.9
108 88.1 61.0 101.0





#63
Azobenzene
Concen: 38.254 ng
RT: 10.575 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

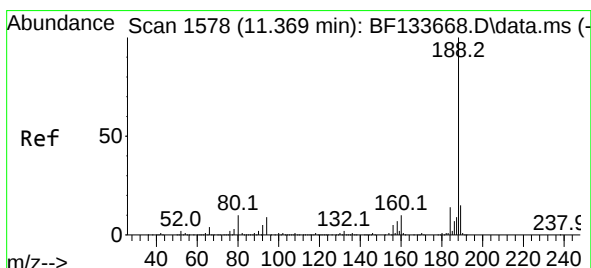
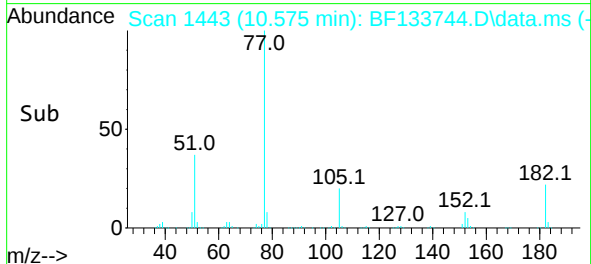
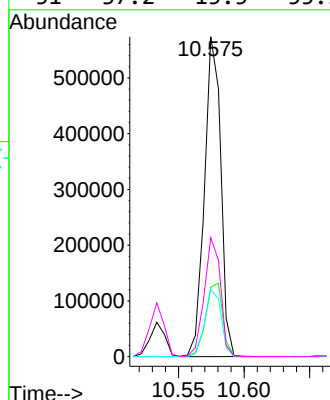
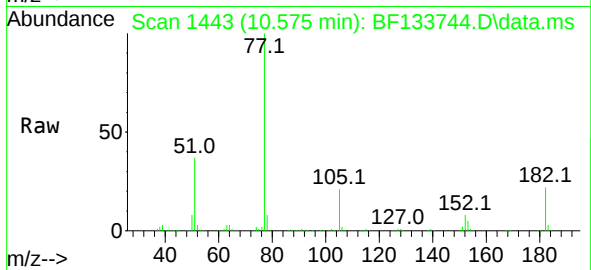
Tgt Ion: 77 Resp: 49736
Ion Ratio Lower Upper
77 100
182 21.8 1.6 41.6
105 20.9 1.6 41.6
51 37.2 15.5 55.5

Manual Integrations

APPROVED

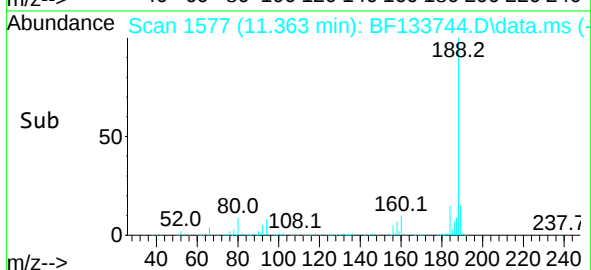
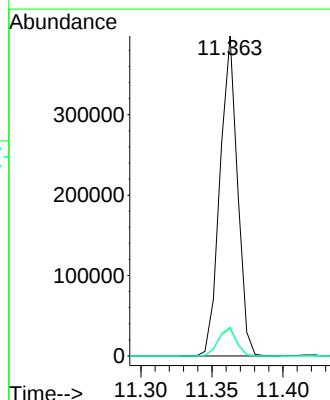
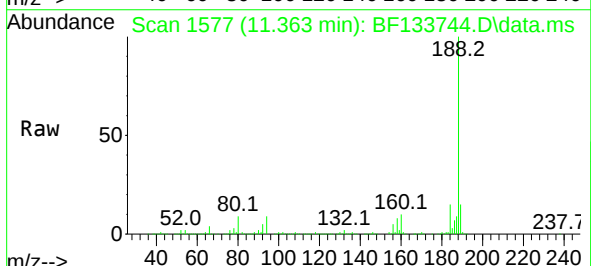
Reviewed By :Yogesh Patel 06/15/2023

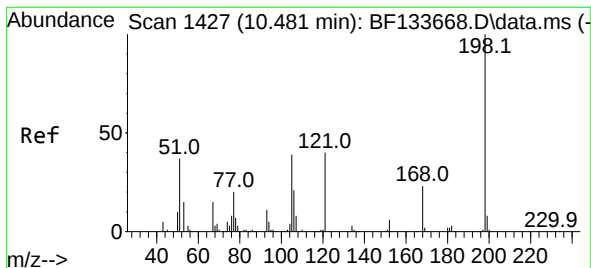
Supervised By :mohammad ahmed 06/16/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:188 Resp: 340537
Ion Ratio Lower Upper
188 100
94 8.6 6.8 10.2
80 9.0 7.8 11.6





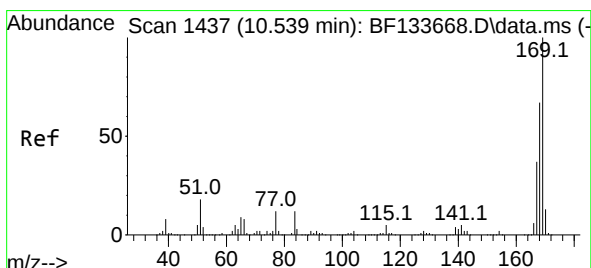
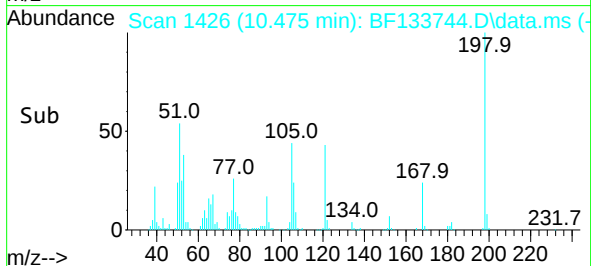
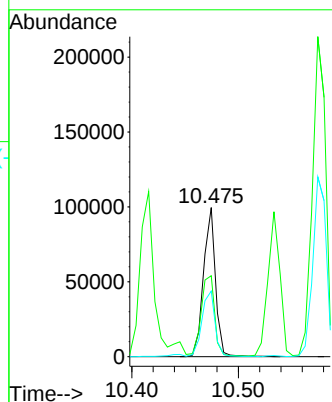
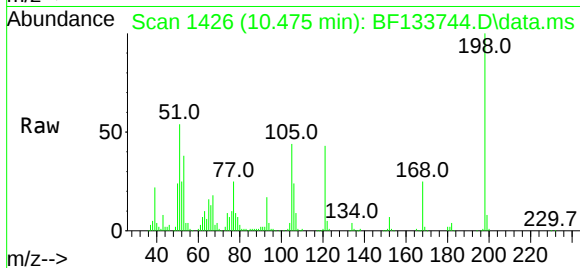
#65
4,6-Dinitro-2-methylphenol
Concen: 47.971 ng
RT: 10.475 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 7806
Ion Ratio Lower Upper
198 100
51 54.3 27.5 67.5
105 44.0 21.0 61.0

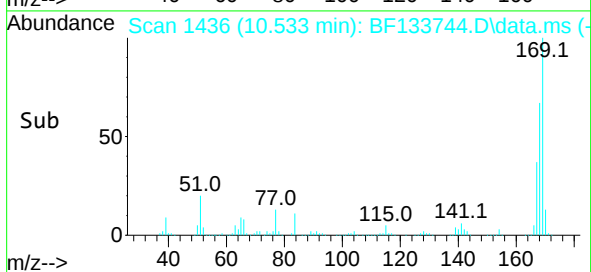
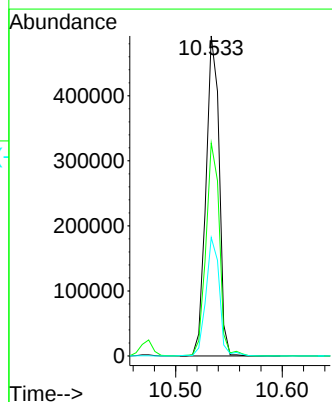
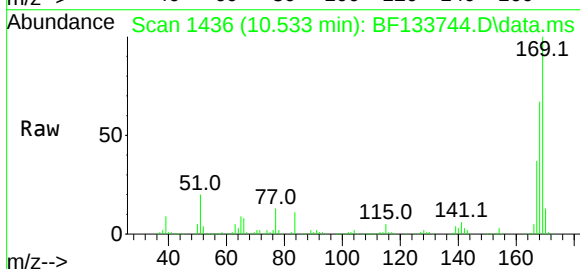
Manual Integrations
APPROVED

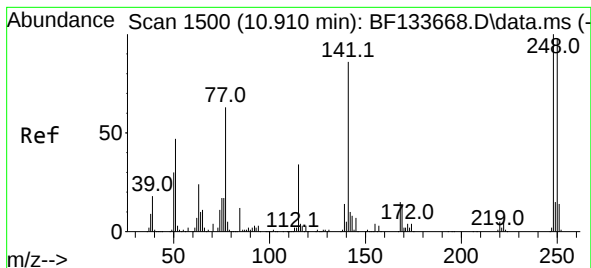
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#66
n-Nitrosodiphenylamine
Concen: 37.227 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

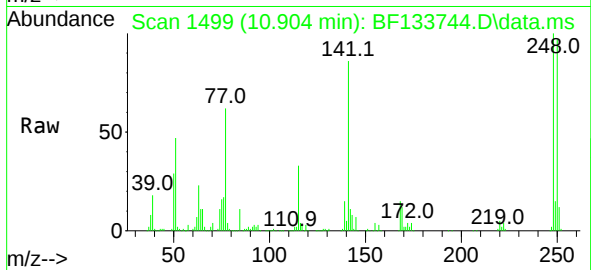
Tgt Ion:169 Resp: 425824
Ion Ratio Lower Upper
169 100
168 66.6 53.7 80.5
167 37.0 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 37.275 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

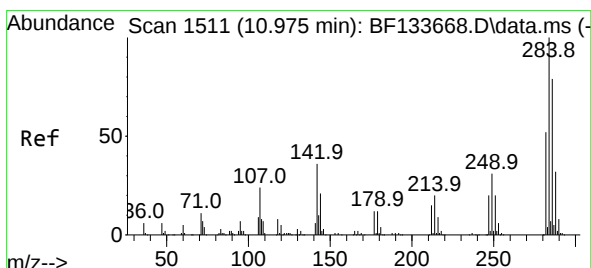
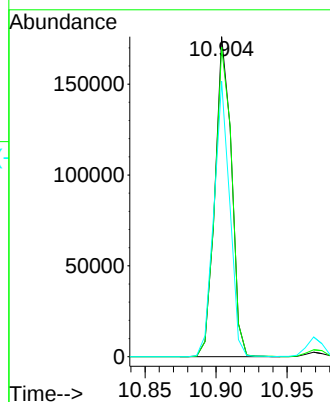
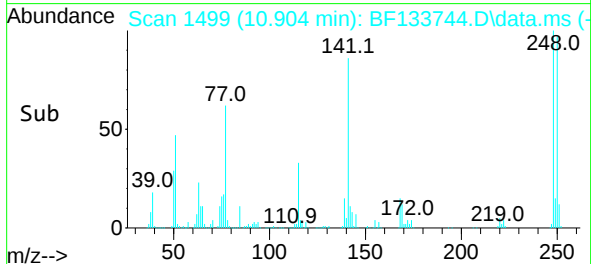
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



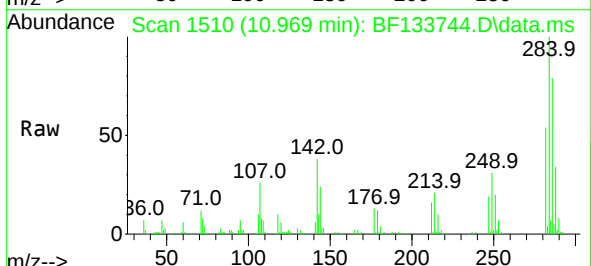
Tgt Ion:248 Resp: 141678
Ion Ratio Lower Upper
248 100
250 96.7 78.3 117.5
141 86.0 69.0 103.6

Manual Integrations
APPROVED

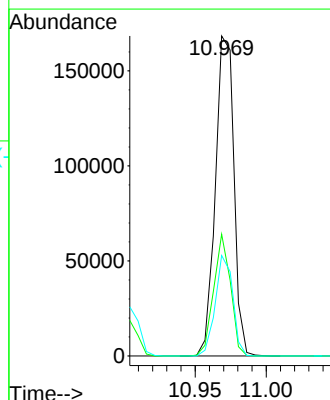
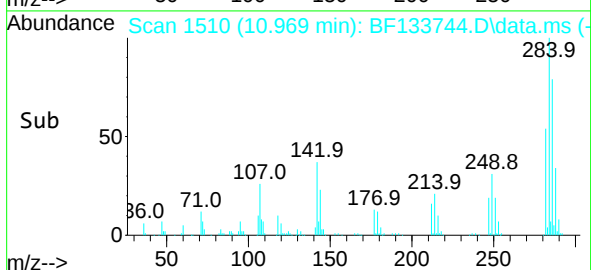
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

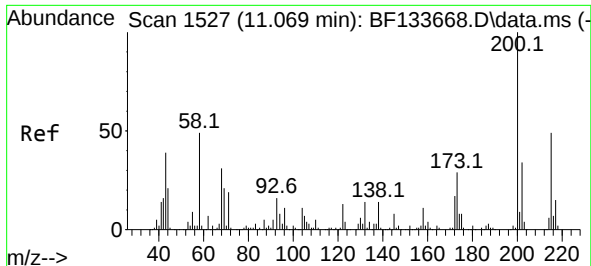


#68
Hexachlorobenzene
Concen: 38.097 ng
RT: 10.969 min Scan# 1510
Delta R.T. -0.006 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29



Tgt Ion:284 Resp: 152268
Ion Ratio Lower Upper
284 100
142 38.1 28.6 42.8
249 31.4 24.6 36.8





#69
 Atrazine
 Concen: 35.491 ng
 RT: 11.063 min Scan# 117792
 Delta R.T. -0.006 min
 Lab File: BF133744.D
 Acq: 14 Jun 2023 10:29

Instrument :

BNA_F

ClientSampleId :

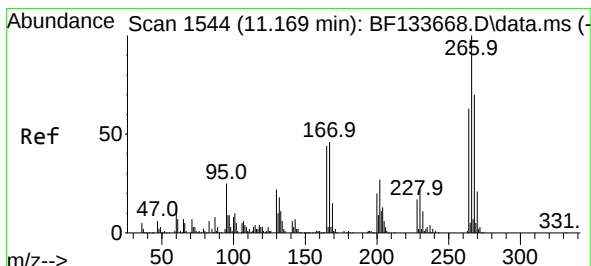
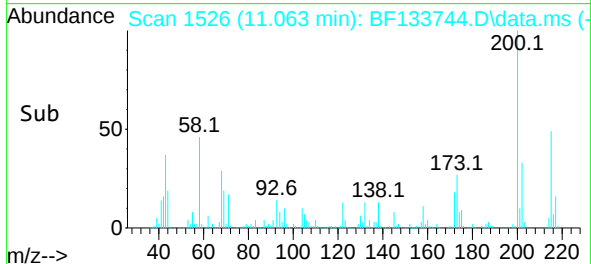
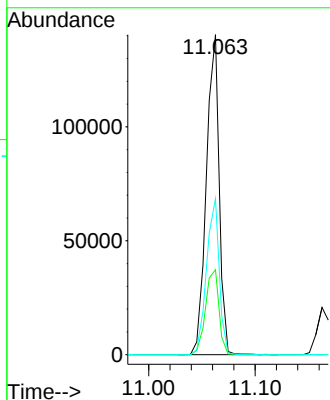
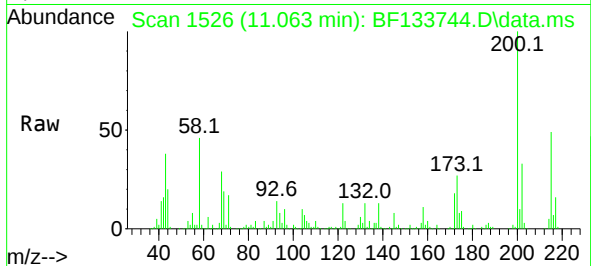
SSTDCCC040

Tgt Ion:200 Resp: 117792
 Ion Ratio Lower Upper
 200 100
 173 26.5 8.7 48.7
 215 48.7 29.0 69.0

Manual Integrations

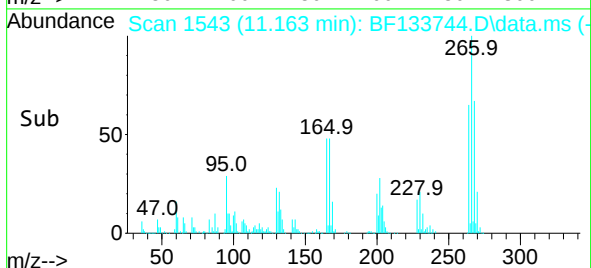
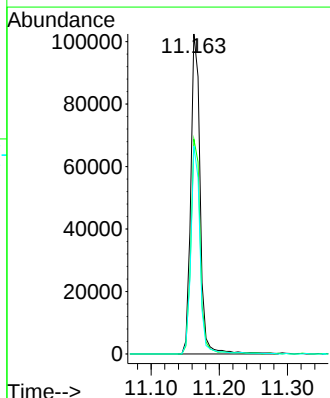
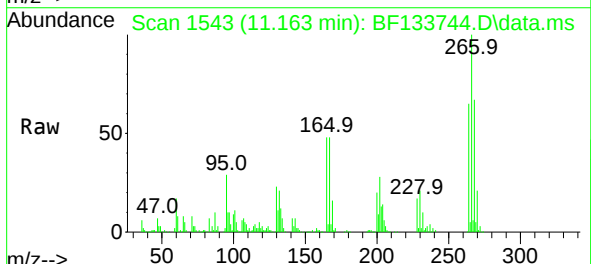
APPROVED

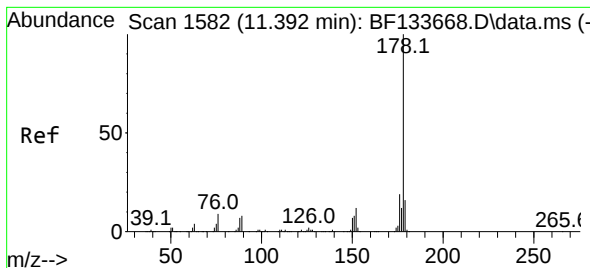
Reviewed By :Yogesh Patel 06/15/2023
 Supervised By :mohammad ahmed 06/16/2023



#70
 Pentachlorophenol
 Concen: 40.392 ng
 RT: 11.163 min Scan# 1543
 Delta R.T. -0.006 min
 Lab File: BF133744.D
 Acq: 14 Jun 2023 10:29

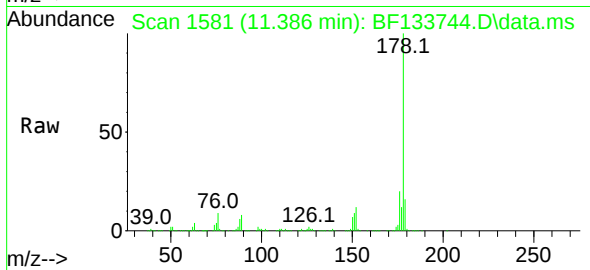
Tgt Ion:266 Resp: 96673
 Ion Ratio Lower Upper
 266 100
 268 67.1 55.7 83.5
 264 64.9 50.7 76.1





#71
Phenanthrene
Concen: 38.356 ng
RT: 11.386 min Scan# 11386
Delta R.T. -0.006 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

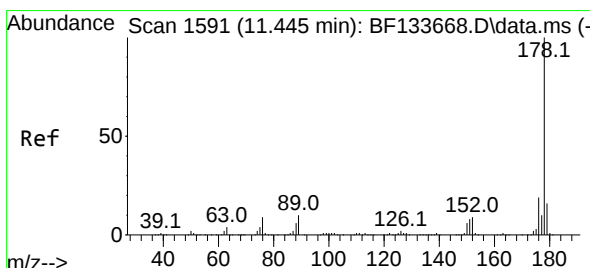
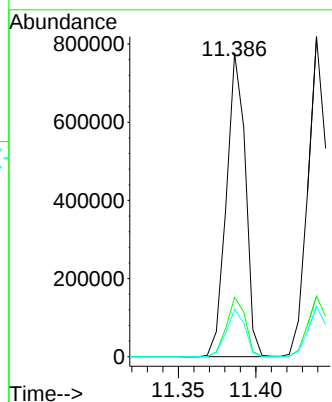
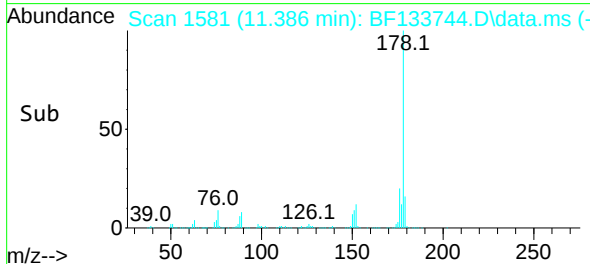
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:178 Resp: 662680
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.6 12.4 18.6

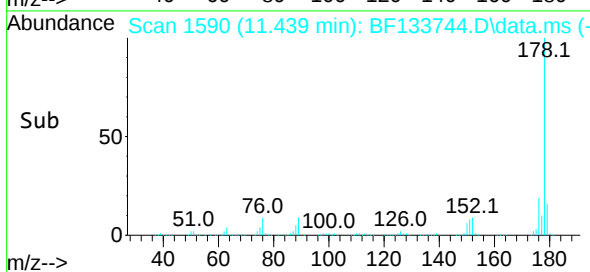
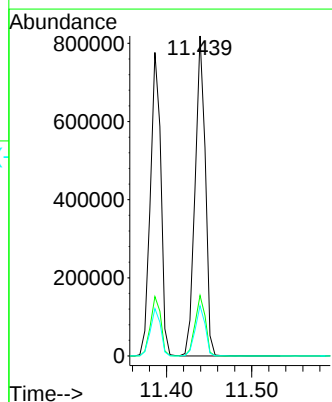
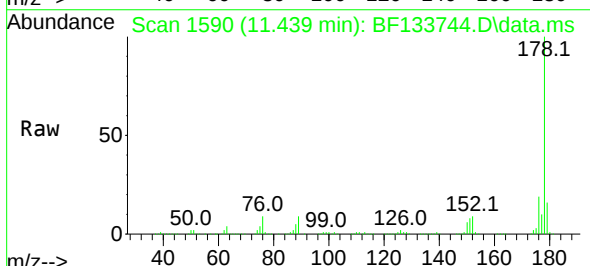
Manual Integrations
APPROVED

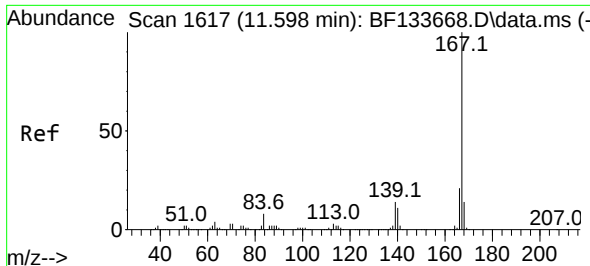
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#72
Anthracene
Concen: 37.842 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

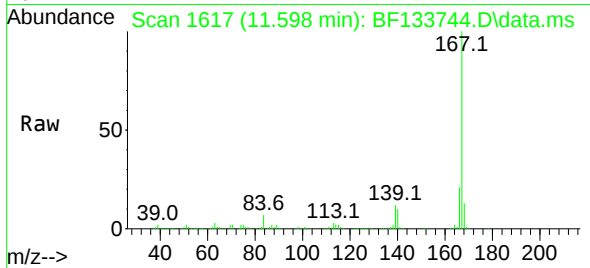
Tgt Ion:178 Resp: 681718
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.7 12.6 18.8





#73
 Carbazole
 Concen: 37.196 ng
 RT: 11.598 min Scan# 1617
 Delta R.T. 0.000 min
 Lab File: BF133744.D
 Acq: 14 Jun 2023 10:29

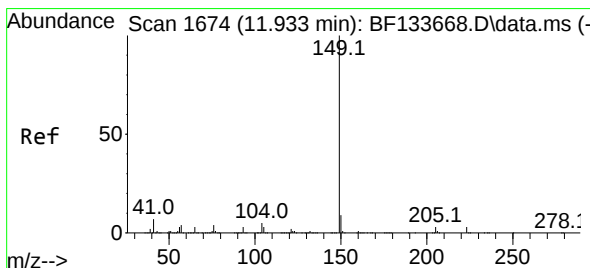
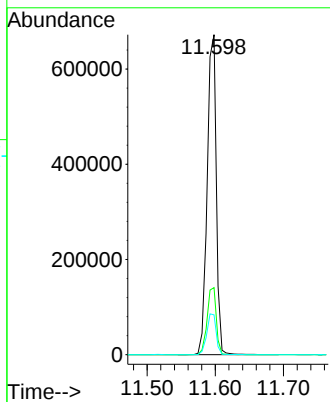
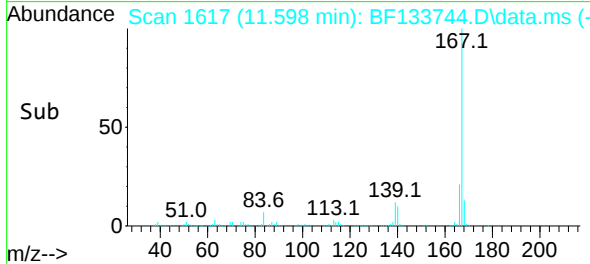
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



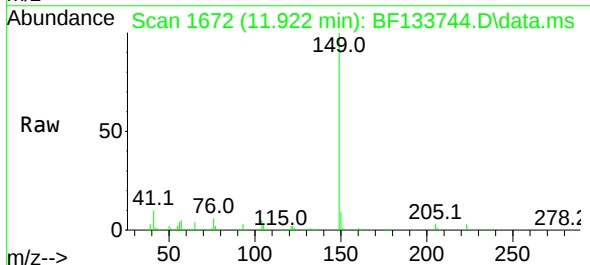
Tgt Ion:167 Resp: 624092
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.0 25.6
 139 12.5 11.2 16.8

Manual Integrations
 APPROVED

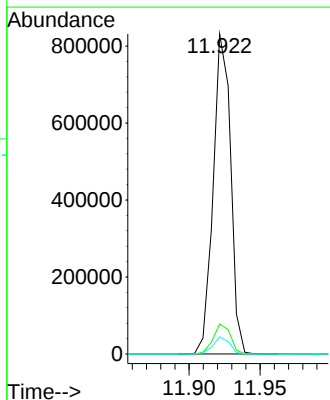
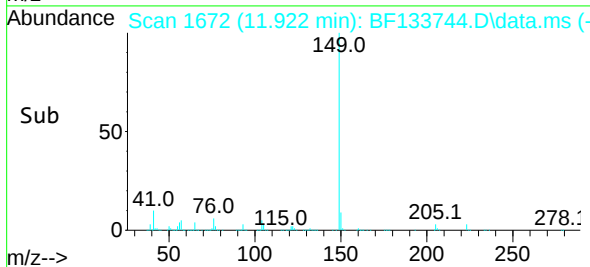
Reviewed By :Yogesh Patel 06/15/2023
 Supervised By :mohammad ahmed 06/16/2023

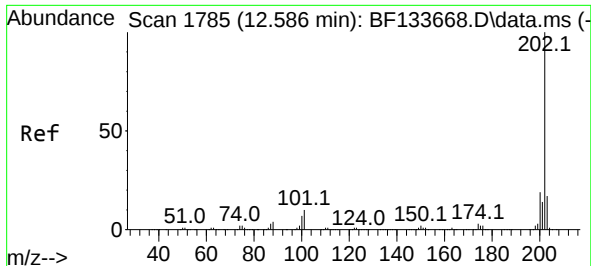


#74
 Di-n-butylphthalate
 Concen: 32.872 ng
 RT: 11.922 min Scan# 1672
 Delta R.T. -0.006 min
 Lab File: BF133744.D
 Acq: 14 Jun 2023 10:29



Tgt Ion:149 Resp: 707071
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 5.4 3.8 5.8





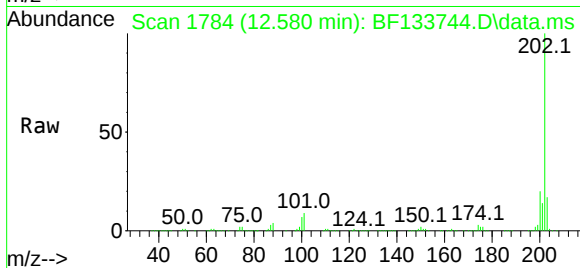
#75
Fluoranthene
Concen: 36.387 ng
RT: 12.580 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



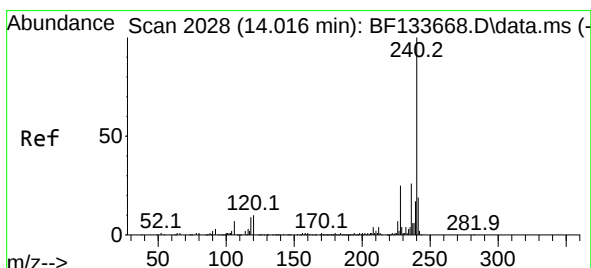
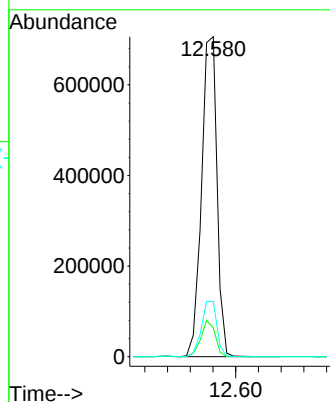
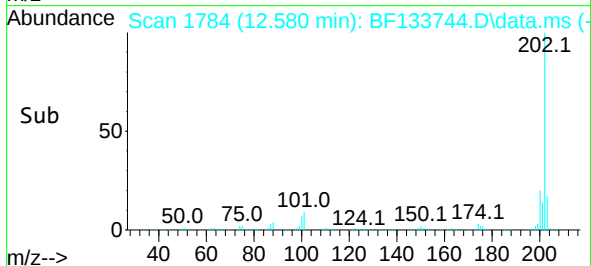
Tgt Ion:202 Resp: 667592
Ion Ratio Lower Upper
202 100
101 9.0 0.0 29.6
203 17.2 0.0 37.4

Manual Integrations

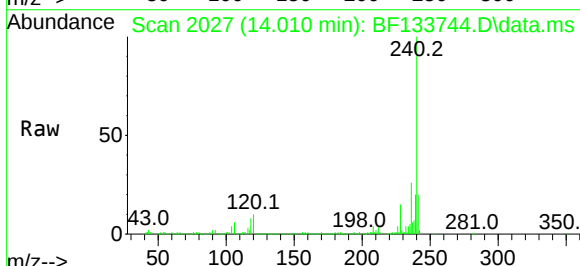
APPROVED

Reviewed By :Yogesh Patel 06/15/2023

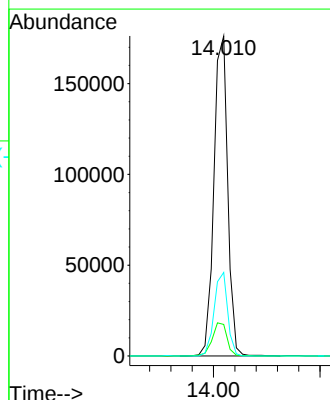
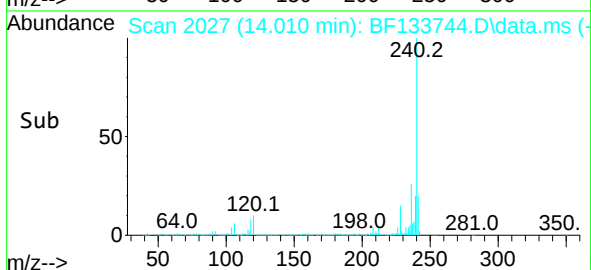
Supervised By :mohammad ahmed 06/16/2023

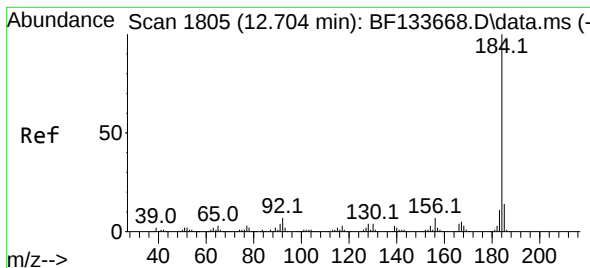


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29



Tgt Ion:240 Resp: 158158
Ion Ratio Lower Upper
240 100
120 9.8 8.1 12.1
236 26.1 20.5 30.7





#77

Benzidine

Concen: 37.379 ng

RT: 12.698 min Scan# 1804

Delta R.T. -0.006 min

Lab File: BF133744.D

Acq: 14 Jun 2023 10:29

Instrument :

BNA_F

ClientSampleId :

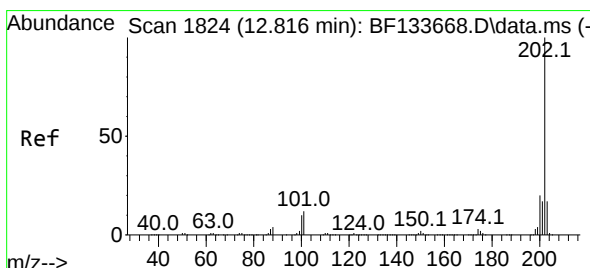
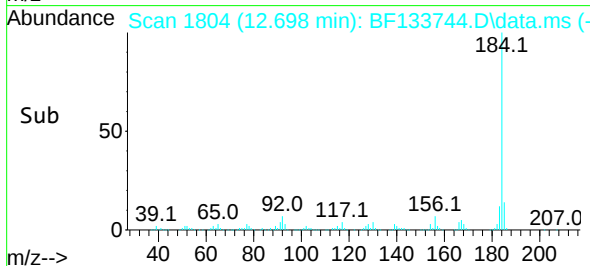
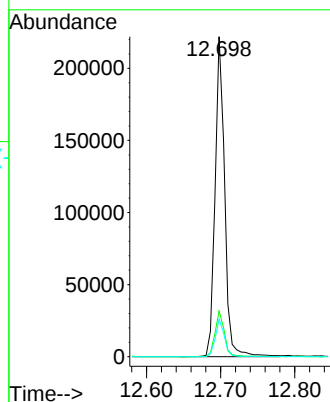
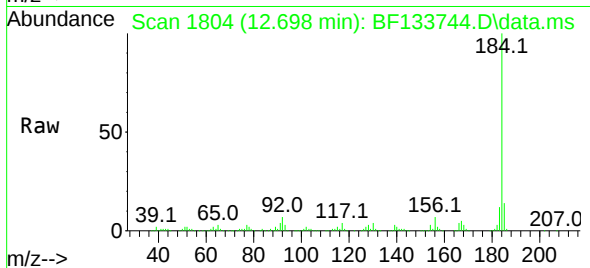
SSTDCCC040

Tgt Ion:184 Resp: 19837
 Ion Ratio Lower Upper
 184 100
 185 14.3 11.6 17.4
 183 11.7 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/15/2023
 Supervised By :mohammad ahmed 06/16/2023



#78

Pyrene

Concen: 45.089 ng

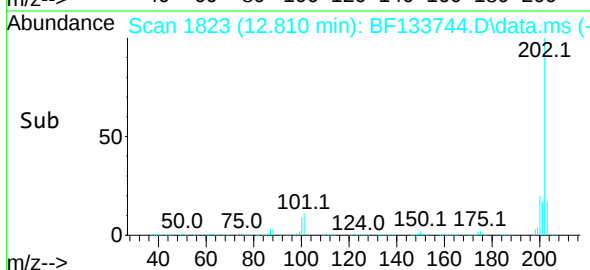
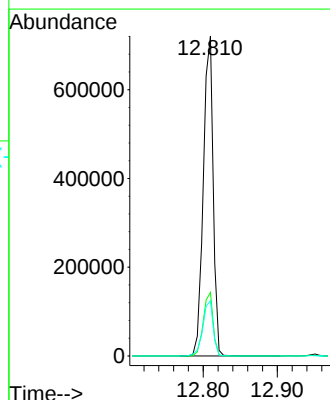
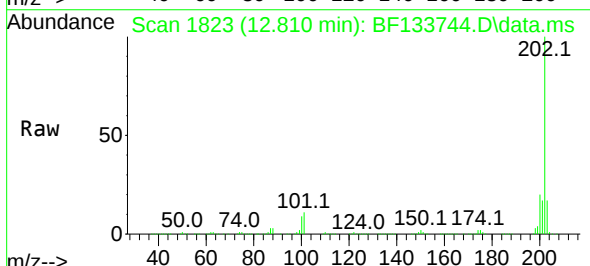
RT: 12.810 min Scan# 1823

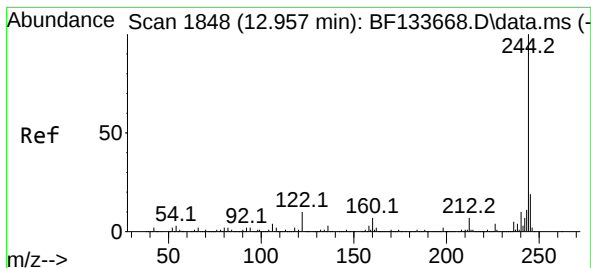
Delta R.T. -0.006 min

Lab File: BF133744.D

Acq: 14 Jun 2023 10:29

Tgt Ion:202 Resp: 664290
 Ion Ratio Lower Upper
 202 100
 200 19.9 16.2 24.2
 203 17.3 13.9 20.9





#79

Terphenyl-d14

Concen: 81.463 ng

RT: 12.951 min Scan# 1847

Delta R.T. -0.006 min

Lab File: BF133744.D

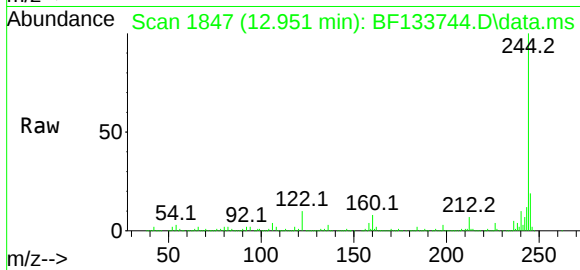
Acq: 14 Jun 2023 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



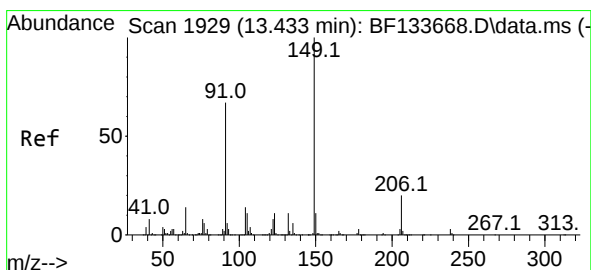
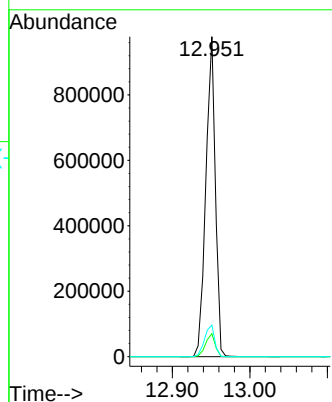
Tgt Ion:244	Resp:	83265
Ion Ratio	Lower	Upper
244	100	
212	7.2	5.4 8.2
122	9.8	8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/15/2023

Supervised By :mohammad ahmed 06/16/2023



#80

Butylbenzylphthalate

Concen: 33.058 ng

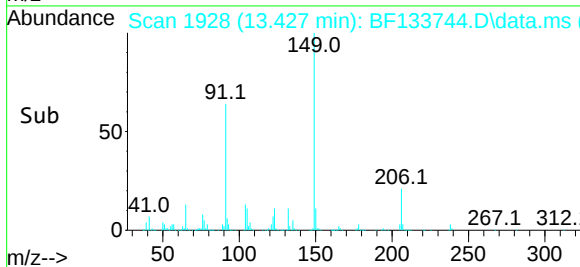
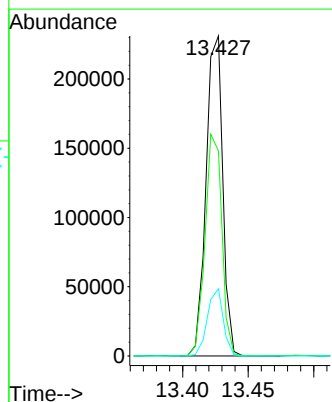
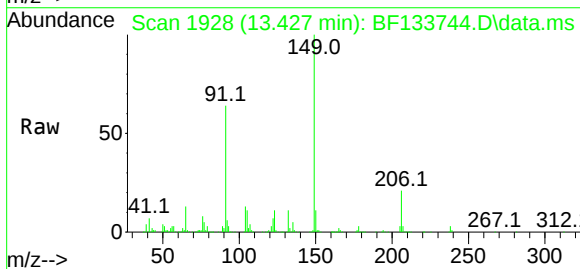
RT: 13.427 min Scan# 1928

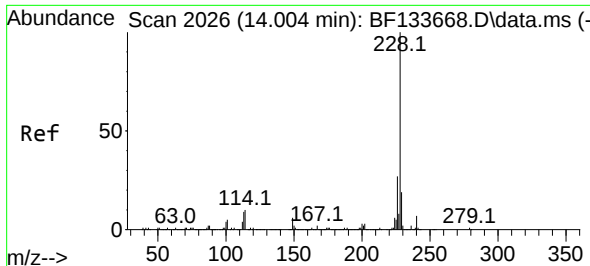
Delta R.T. -0.006 min

Lab File: BF133744.D

Acq: 14 Jun 2023 10:29

Tgt Ion:149	Resp:	205614
Ion Ratio	Lower	Upper
149	100	
91	64.1	54.0 81.0
206	21.0	15.6 23.4





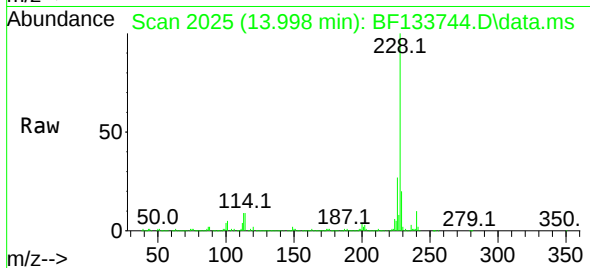
#81
Benzo(a)anthracene
Concen: 38.972 ng
RT: 13.998 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

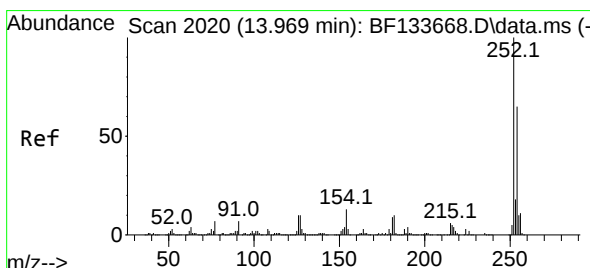
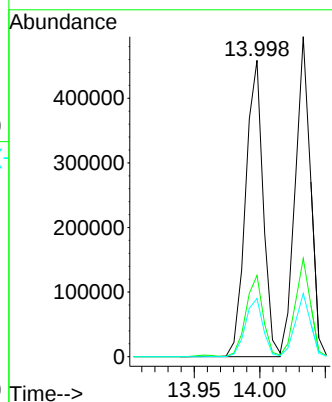
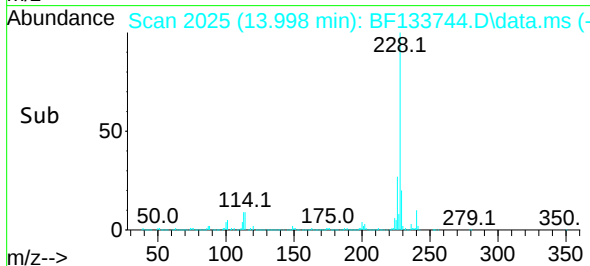


Tgt Ion:228 Resp: 426349
Ion Ratio Lower Upper
228 100
226 27.4 21.7 32.5
229 19.7 15.4 23.2

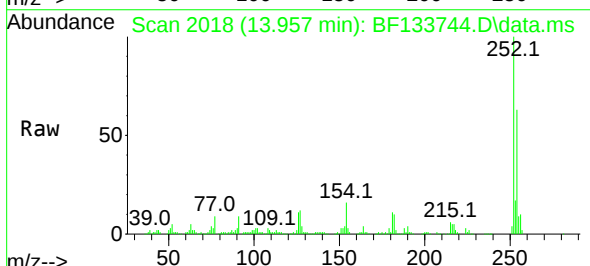
Manual Integrations

APPROVED

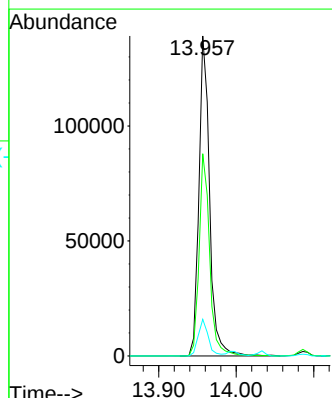
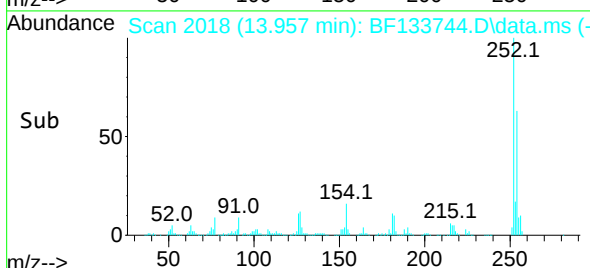
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

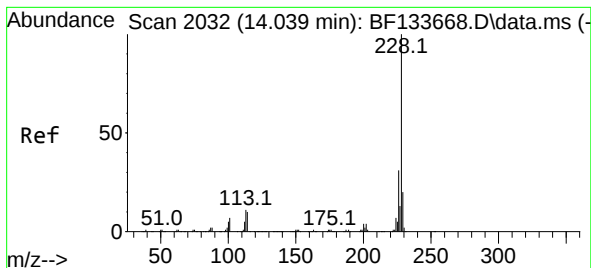


#82
3,3'-Dichlorobenzidine
Concen: 36.449 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29



Tgt Ion:252 Resp: 132566
Ion Ratio Lower Upper
252 100
254 63.2 51.9 77.9
126 11.5 7.7 11.5





#83

Chrysene

Concen: 38.994 ng

RT: 14.033 min Scan# 2032

Delta R.T. -0.012 min

Lab File: BF133744.D

Acq: 14 Jun 2023 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 403470

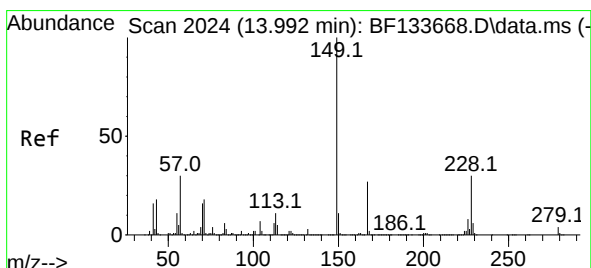
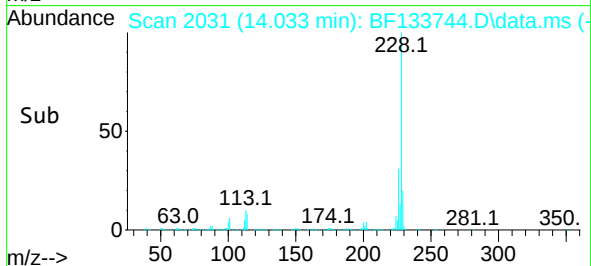
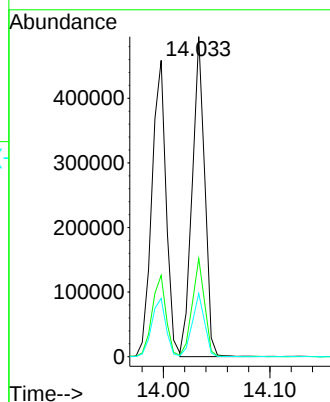
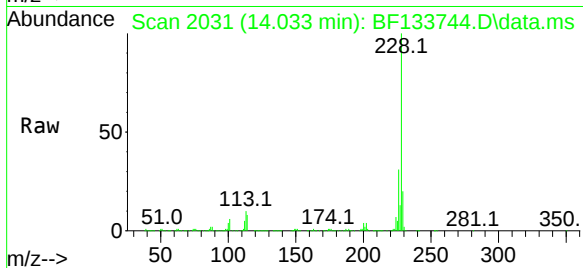
Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	19.8	15.8	23.8

Manual Integrations

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Reviewed By :Yogesh Patel 06/15/2023

Supervised By :mohammad ahmed 06/16/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 28.786 ng

RT: 13.986 min Scan# 2023

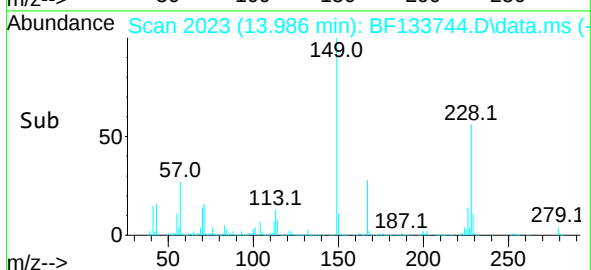
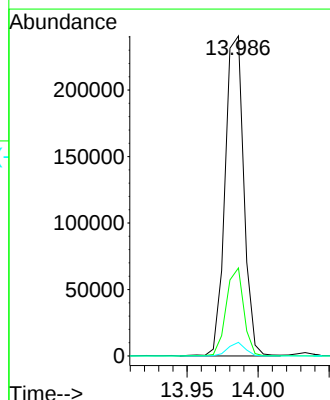
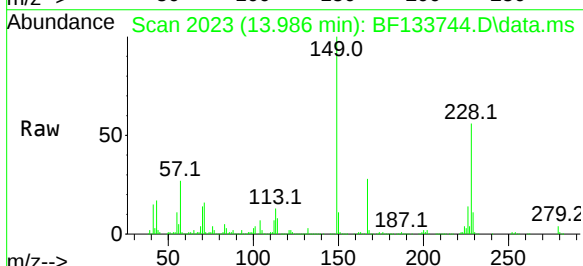
Delta R.T. -0.006 min

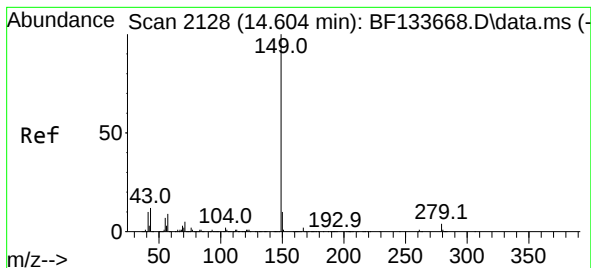
Lab File: BF133744.D

Acq: 14 Jun 2023 10:29

Tgt Ion:149 Resp: 220454

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.8	32.8
279	4.3	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 31.261 ng

RT: 14.598 min Scan# 2127

Delta R.T. -0.006 min

Lab File: BF133744.D

Acq: 14 Jun 2023 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 34021

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

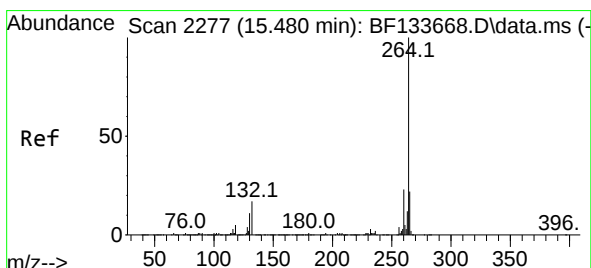
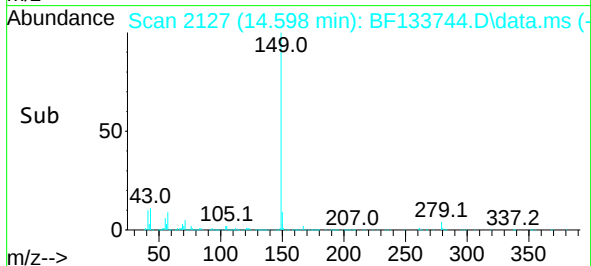
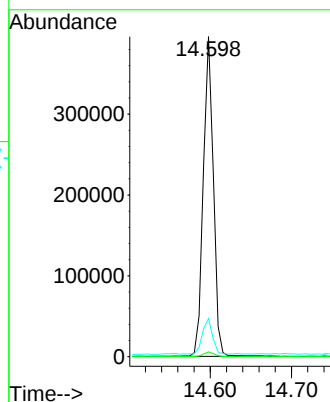
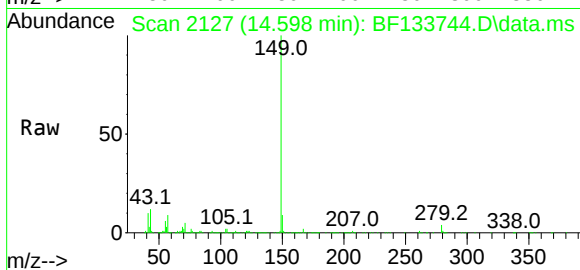
43 10.9 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/15/2023

Supervised By :mohammad ahmed 06/16/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. -0.012 min

Lab File: BF133744.D

Acq: 14 Jun 2023 10:29

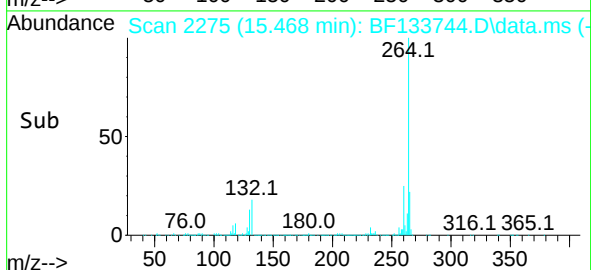
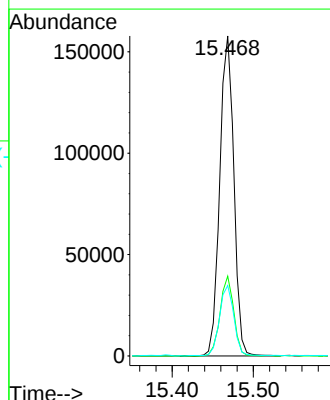
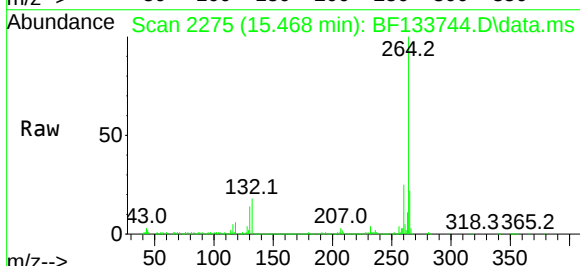
Tgt Ion:264 Resp: 191011

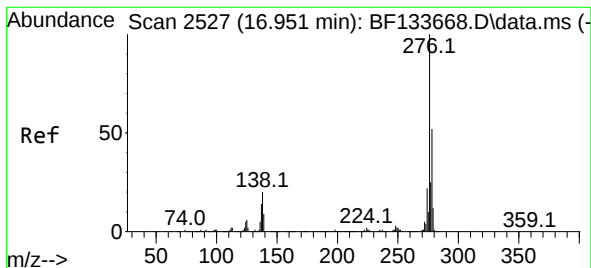
Ion Ratio Lower Upper

264 100

260 25.0 18.2 27.2

265 22.0 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.016 ng

RT: 16.939 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF133744.D

Acq: 14 Jun 2023 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 565278

Ion Ratio Lower Upper

276 100

138 23.5 17.9 26.9

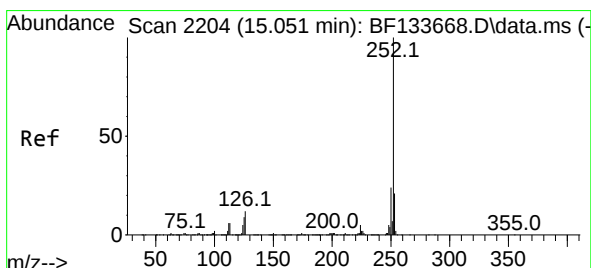
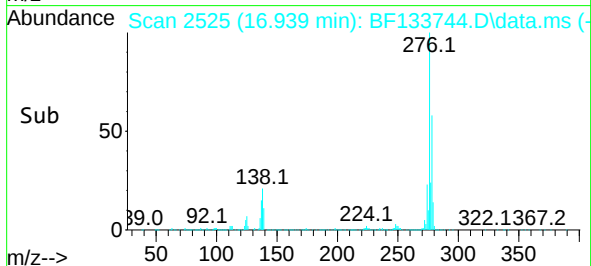
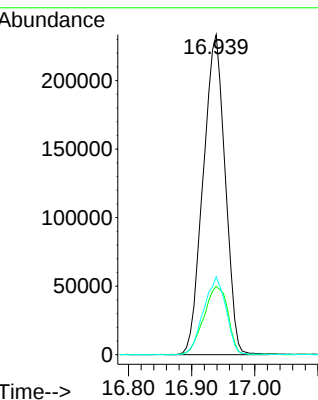
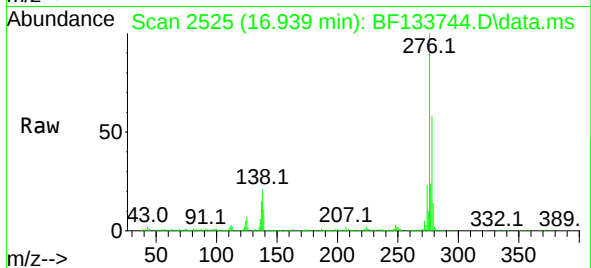
277 24.9 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/15/2023

Supervised By :mohammad ahmed 06/16/2023



#88

Benzo(b)fluoranthene

Concen: 35.073 ng

RT: 15.045 min Scan# 2203

Delta R.T. -0.012 min

Lab File: BF133744.D

Acq: 14 Jun 2023 10:29

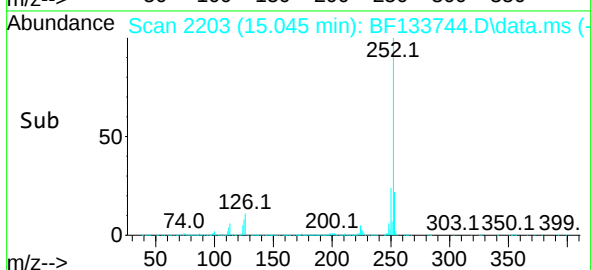
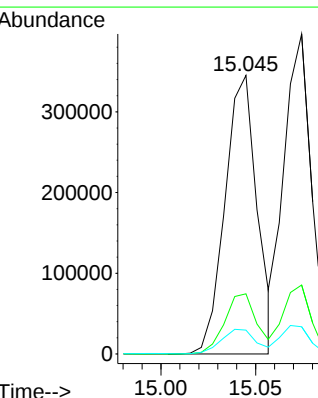
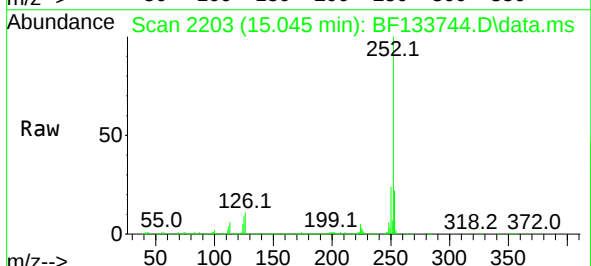
Tgt Ion:252 Resp: 406957

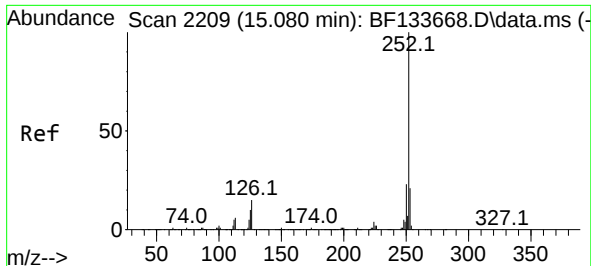
Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.6

125 8.5 7.3 10.9





#89
Benzo(k)fluoranthene
Concen: 34.953 ng
RT: 15.074 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :

BNA_F

ClientSampleId :

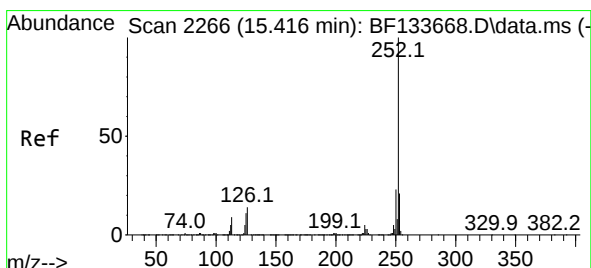
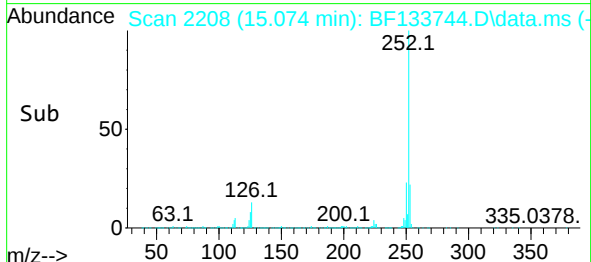
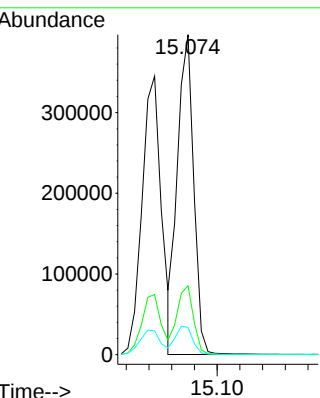
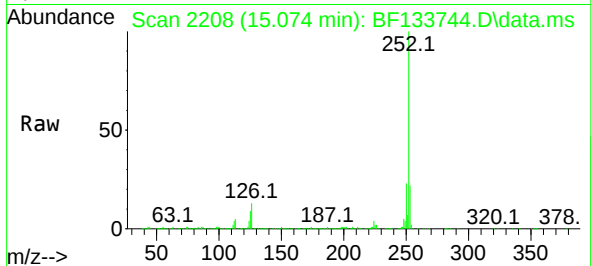
SSTDCCC040

Tgt Ion:252 Resp: 395070
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.4
125 8.5 7.8 11.6

Manual Integrations

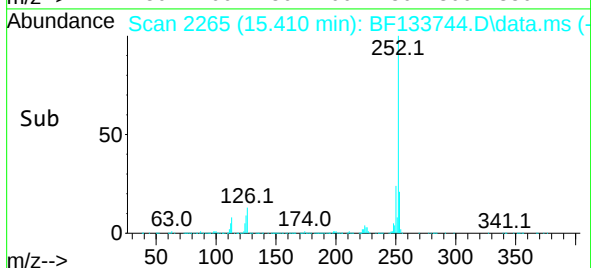
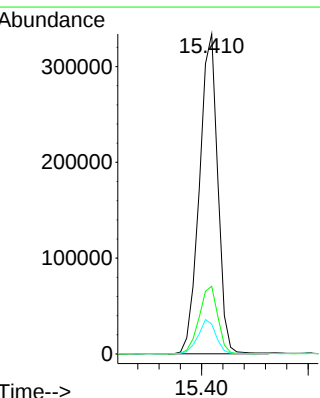
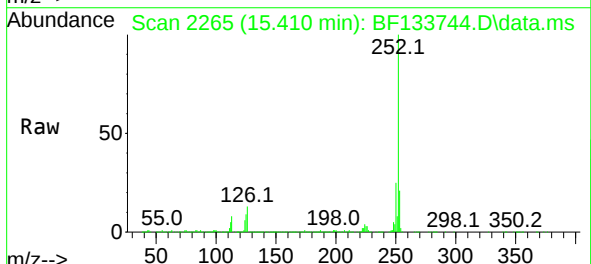
APPROVED

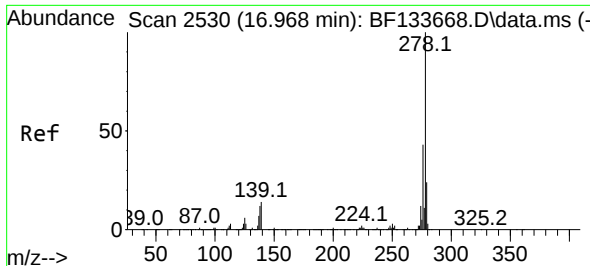
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#90
Benzo(a)pyrene
Concen: 37.043 ng
RT: 15.410 min Scan# 2265
Delta R.T. -0.012 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:252 Resp: 398895
Ion Ratio Lower Upper
252 100
253 21.2 17.1 25.7
125 9.3 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 43.308 ng
RT: 16.951 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :

BNA_F

ClientSampleId :

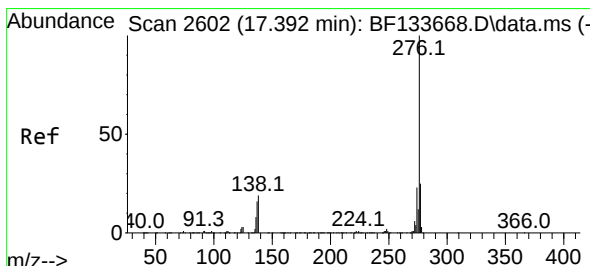
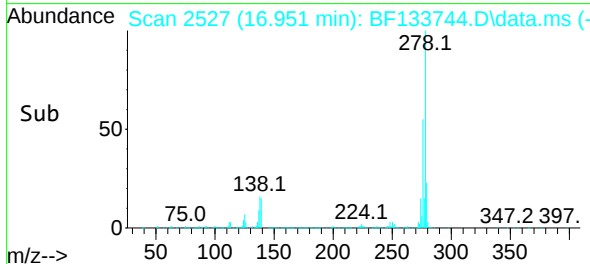
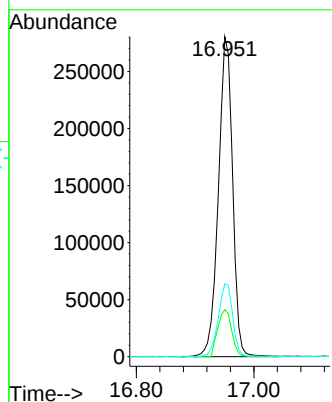
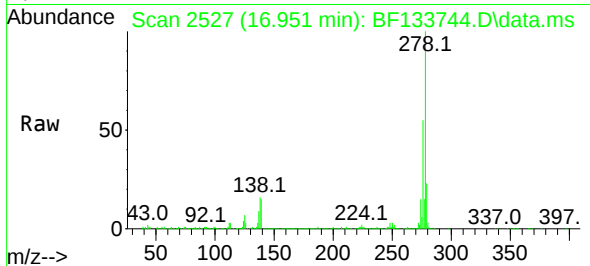
SSTDCCC040

Tgt Ion:278 Resp: 47116
Ion Ratio Lower Upper
278 100
139 14.7 11.4 17.2
279 22.8 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#92
Benzo(g,h,i)perylene
Concen: 46.490 ng
RT: 17.380 min Scan# 2600
Delta R.T. -0.023 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:276 Resp: 501468
Ion Ratio Lower Upper
276 100
277 24.3 19.8 29.8
138 21.5 15.0 22.4

