

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071723\
 Data File : BF134321.D
 Acq On : 17 Jul 2023 18:10
 Operator : CG\JU
 Sample : 03615-04MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 18 01:14:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	68389	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	257305	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	124138	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	218864	20.000	ng	0.00
76) Chrysene-d12	14.033	240	132885	20.000	ng	0.00
86) Perylene-d12	15.533	264	107311	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	349877	85.579	ng	0.00
7) Phenol-d6	6.481	99	428786	85.281	ng	0.00
23) Nitrobenzene-d5	7.404	82	289417	60.633	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	135766	87.228	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	554995	65.001	ng	-0.01
79) Terphenyl-d14	12.963	244	541823	65.622	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	69235	41.071	ng	100
3) Pyridine	3.440	79	153163	34.881	ng	99
4) n-Nitrosodimethylamine	3.399	42	108683	43.337	ng	94
6) Aniline	6.504	93	224495	36.692	ng	94
8) 2-Chlorophenol	6.628	128	187677	45.221	ng	96
9) Benzaldehyde	6.393	77	118285	43.947	ng	96
10) Phenol	6.493	94	229404	43.395	ng	92
11) bis(2-Chloroethyl)ether	6.575	93	165821	42.606	ng	98
12) 1,3-Dichlorobenzene	6.781	146	205630	46.474	ng	97
13) 1,4-Dichlorobenzene	6.857	146	208223	46.592	ng	99
14) 1,2-Dichlorobenzene	7.004	146	194995	46.589	ng	98
15) Benzyl Alcohol	6.987	79	173686	44.810	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	261440	37.970	ng	93
17) 2-Methylphenol	7.098	107	154839	41.663	ng	95
18) Hexachloroethane	7.345	117	73490	44.349	ng	98
19) n-Nitroso-di-n-propyla...	7.251	70	134606	42.216	ng	96
20) 3+4-Methylphenols	7.251	107	191173	42.402	ng	95
22) Acetophenone	7.245	105	268012	45.800	ng	96
24) Nitrobenzene	7.422	77	209581	43.450	ng	93
25) Isophorone	7.657	82	354275	40.838	ng	98
26) 2-Nitrophenol	7.734	139	92431	39.946	ng	92
27) 2,4-Dimethylphenol	7.775	122	162803	44.448	ng	95
28) bis(2-Chloroethoxy)met...	7.869	93	203270	40.467	ng	99
29) 2,4-Dichlorophenol	7.981	162	154250	42.469	ng	97
30) 1,2,4-Trichlorobenzene	8.057	180	168424	44.941	ng	98
31) Naphthalene	8.139	128	525375	42.271	ng	99
32) Benzoic acid	7.898	122	103094	37.562	ng	89
33) 4-Chloroaniline	8.192	127	144464	27.173	ng	98
34) Hexachlorobutadiene	8.251	225	108097	45.725	ng	99
35) Caprolactam	8.569	113	50691m	42.387	ng	
36) 4-Chloro-3-methylphenol	8.681	107	173388	42.495	ng	99
37) 2-Methylnaphthalene	8.834	142	345671	39.330	ng	98
38) 1-Methylnaphthalene	8.928	142	320907	39.276	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	169542	46.099	ng	98
41) Hexachlorocyclopentadiene	8.981	237	45361	25.998	ng	94
43) 2,4,6-Trichlorophenol	9.110	196	108267	43.244	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071723\
 Data File : BF134321.D
 Acq On : 17 Jul 2023 18:10
 Operator : CG\JU
 Sample : 03615-04MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MSD

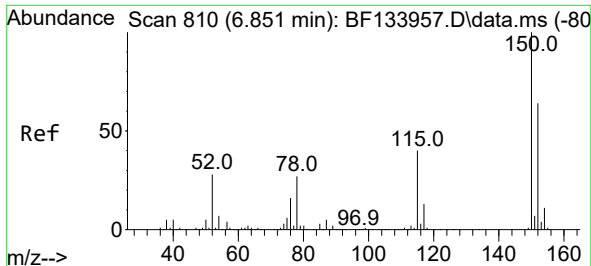
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 18 01:14:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	116751	39.644	ng	97
46) 1,1'-Biphenyl	9.298	154	431818	43.364	ng	97
47) 2-Chloronaphthalene	9.322	162	323544	44.407	ng	97
48) 2-Nitroaniline	9.422	65	114046	42.950	ng	99
49) Acenaphthylene	9.739	152	521388	41.892	ng	99
50) Dimethylphthalate	9.598	163	387571	43.010	ng	99
51) 2,6-Dinitrotoluene	9.663	165	80261	41.353	ng	# 84
52) Acenaphthene	9.910	154	303822	42.070	ng	98
53) 3-Nitroaniline	9.839	138	88508	38.012	ng	100
54) 2,4-Dinitrophenol	9.951	184	19077	20.062	ng	96
55) Dibenzofuran	10.081	168	465886	41.278	ng	97
56) 4-Nitrophenol	10.010	139	114641	70.389	ng	93
57) 2,4-Dinitrotoluene	10.075	165	102764	40.093	ng	93
58) Fluorene	10.428	166	361739	41.196	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	91487	39.383	ng	98
60) Diethylphthalate	10.298	149	404321	43.067	ng	97
61) 4-Chlorophenyl-phenyle...	10.416	204	179249	42.359	ng	93
62) 4-Nitroaniline	10.457	138	83100	35.414	ng	93
63) Azobenzene	10.580	77	347789	39.163	ng	98
65) 4,6-Dinitro-2-methylph...	10.486	198	16123	13.512	ng	90
66) n-Nitrosodiphenylamine	10.539	169	318182	45.502	ng	98
67) 4-Bromophenyl-phenylether	10.910	248	103774	44.610	ng	92
68) Hexachlorobenzene	10.980	284	118435	47.951	ng	# 92
69) Atrazine	11.069	200	99066	51.217	ng	99
70) Pentachlorophenol	11.180	266	102960	69.717	ng	97
71) Phenanthrene	11.398	178	488437	44.331	ng	99
72) Anthracene	11.445	178	487256	42.518	ng	99
73) Carbazole	11.604	167	437125	41.673	ng	98
74) Di-n-butylphthalate	11.933	149	554980	44.491	ng	100
75) Fluoranthene	12.592	202	570867	47.926	ng	98
77) Benzidine	12.722	184	254740	80.565	ng	98
78) Pyrene	12.822	202	569839	46.078	ng	99
80) Butylbenzylphthalate	13.445	149	205174	44.236	ng	94
81) Benzo(a)anthracene	14.021	228	420675	45.647	ng	98
82) 3,3'-Dichlorobenzidine	13.986	252	136607	46.787	ng	99
83) Chrysene	14.063	228	397587	44.542	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	272206	51.076	ng	99
85) Di-n-octyl phthalate	14.627	149	403174	51.485	ng	98
87) Indeno(1,2,3-cd)pyrene	17.080	276	293250	39.382	ng	# 94
88) Benzo(b)fluoranthene	15.092	252	315937	50.069	ng	99
89) Benzo(k)fluoranthene	15.121	252	297498	46.307	ng	98
90) Benzo(a)pyrene	15.468	252	258282	42.330	ng	97
91) Dibenzo(a,h)anthracene	17.092	278	227190	37.354	ng	97
92) Benzo(g,h,i)perylene	17.545	276	223994	35.713	ng	96

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



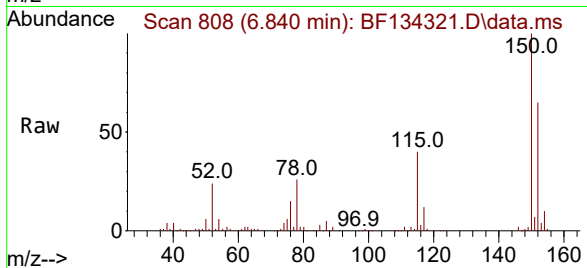
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

Instrument :

BNA_F

ClientSampleId :

VNJ-210MSD

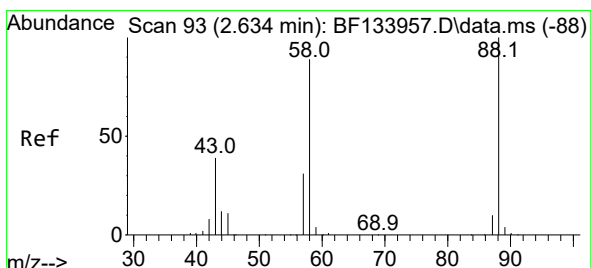
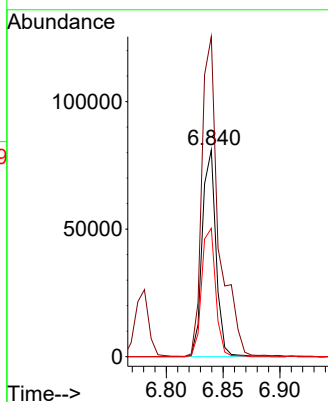
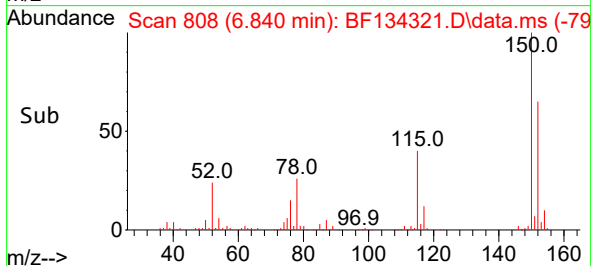


Tgt Ion:152 Resp: 68389
Ion Ratio Lower Upper
152 100
150 154.8 124.5 186.7
115 62.0 50.2 75.2

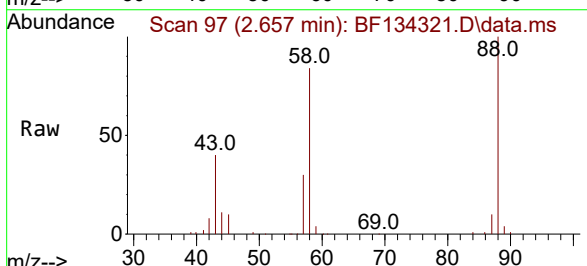
Manual Integrations

APPROVED

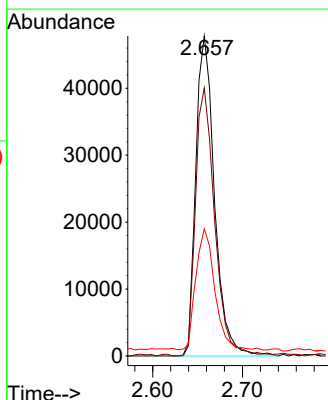
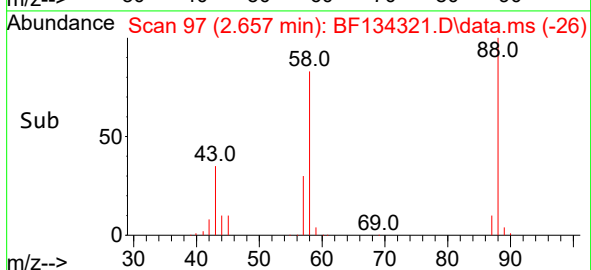
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

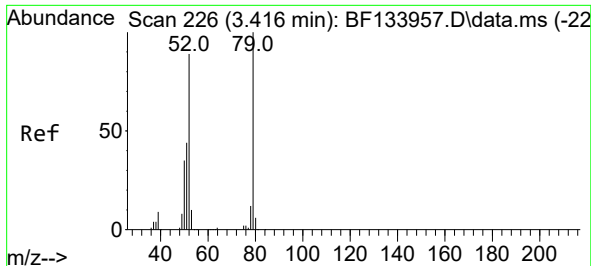


#2
1,4-Dioxane
Concen: 41.071 ng
RT: 2.657 min Scan# 97
Delta R.T. 0.065 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10



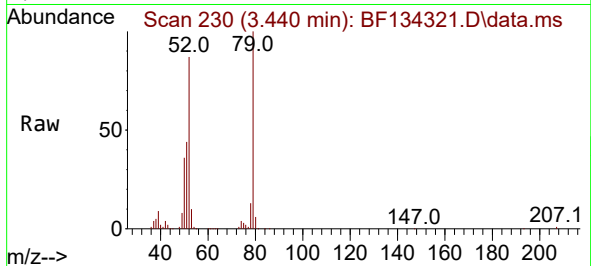
Tgt Ion: 88 Resp: 69235
Ion Ratio Lower Upper
88 100
58 86.1 68.8 103.2
43 38.2 30.7 46.1





#3
Pyridine
Concen: 34.881 ng
RT: 3.440 min Scan# 21
Delta R.T. 0.059 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

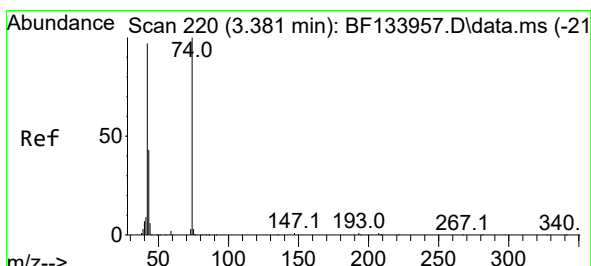
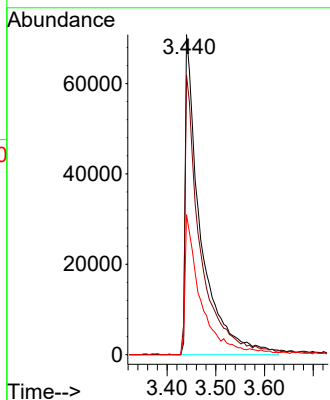
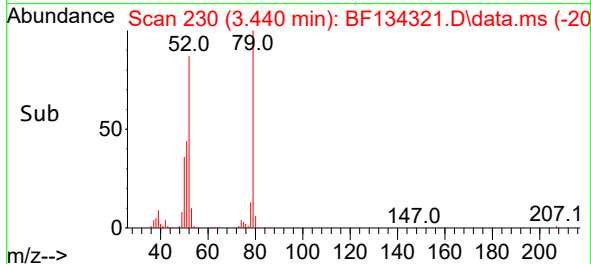
Instrument :
BNA_F
ClientSampleId :
VNJ-210MSD



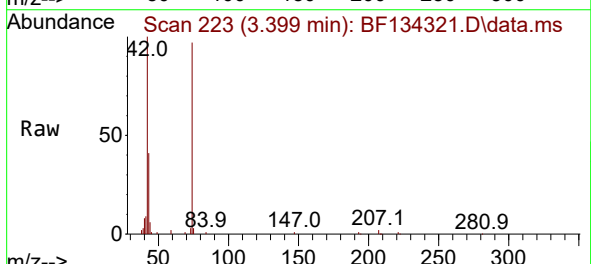
Tgt Ion: 79 Resp: 15316
Ion Ratio Lower Upper
79 100
52 87.4 71.1 106.7
51 43.8 35.2 52.8

Manual Integrations
APPROVED

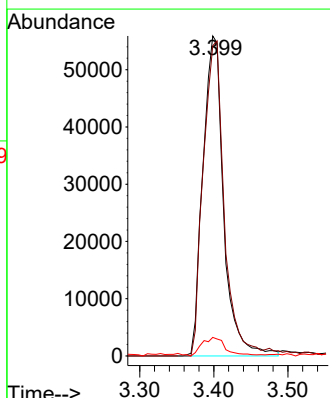
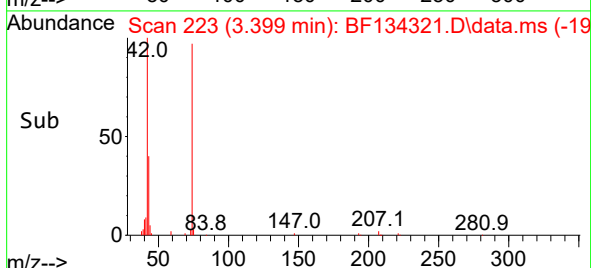
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

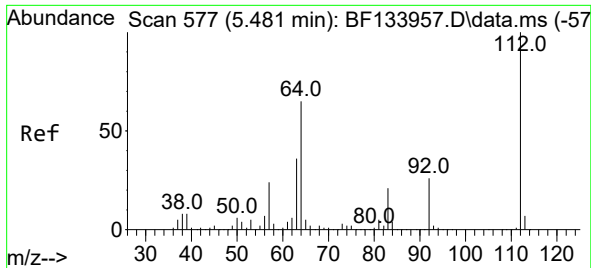


#4
n-Nitrosodimethylamine
Concen: 43.337 ng
RT: 3.399 min Scan# 223
Delta R.T. 0.059 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10



Tgt Ion: 42 Resp: 108683
Ion Ratio Lower Upper
42 100
74 96.9 82.4 123.6
44 5.8 4.9 7.3





#5
2-Fluorophenol
Concen: 85.579 ng
RT: 5.475 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

Instrument :

BNA_F

ClientSampleId :

VNJ-210MSD

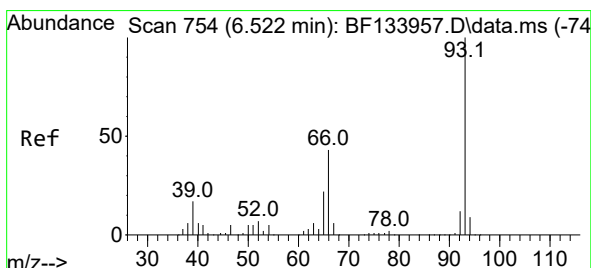
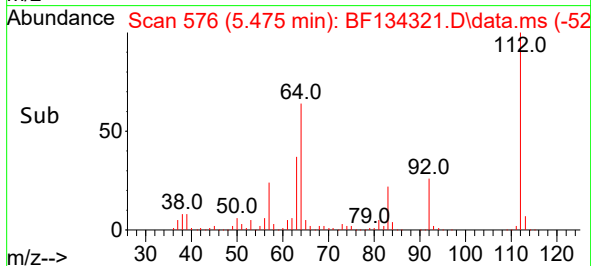
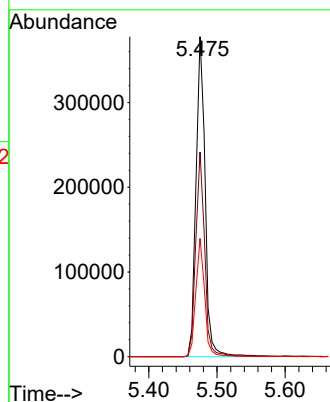
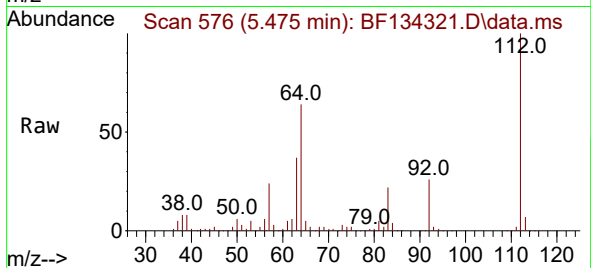
Tgt Ion:112 Resp: 34987
Ion Ratio Lower Upper
112 100
64 63.9 52.1 78.1
63 37.0 28.6 42.8

Manual Integrations

APPROVED

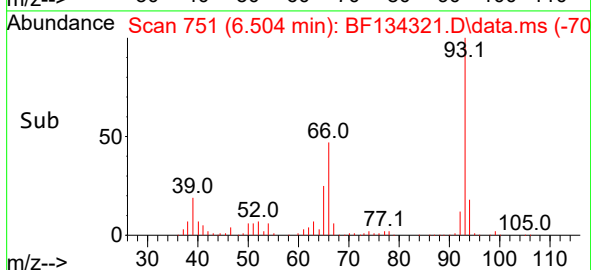
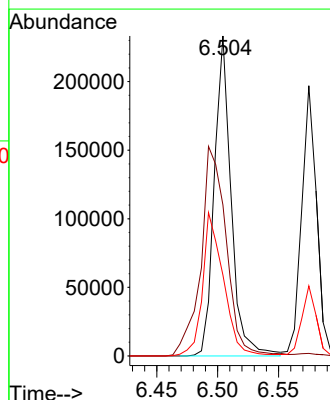
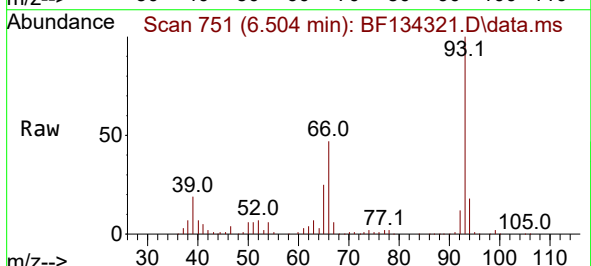
Reviewed By :Yogesh Patel 07/19/2023

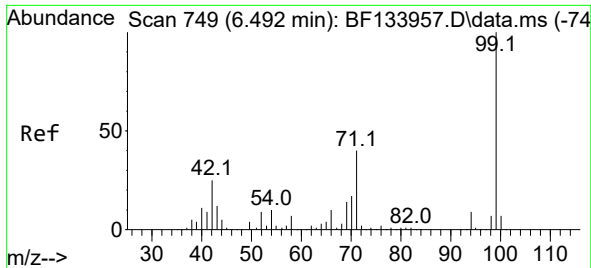
Supervised By :mohammad ahmed 07/19/2023



#6
Aniline
Concen: 36.692 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

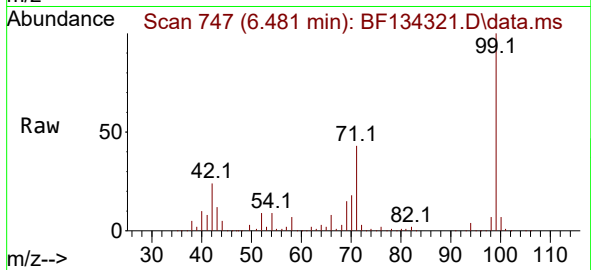
Tgt Ion: 93 Resp: 224495
Ion Ratio Lower Upper
93 100
66 47.2 34.5 51.7
65 25.3 17.8 26.6





#7
Phenol-d6
Concen: 85.281 ng
RT: 6.481 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

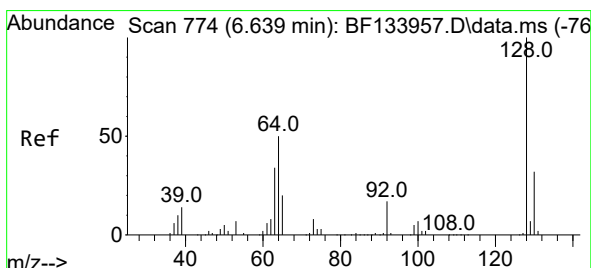
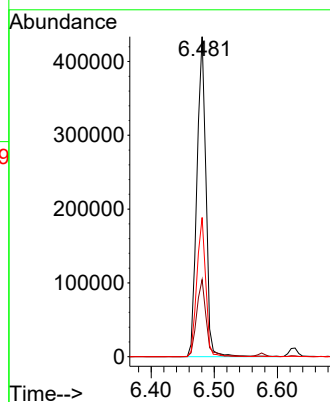
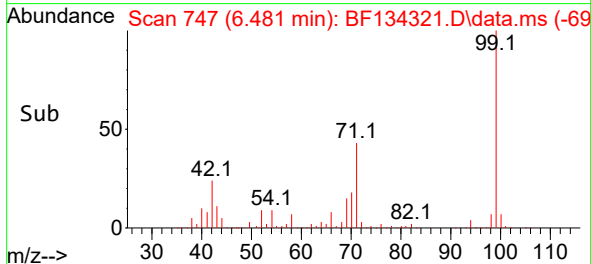
Instrument :
BNA_F
ClientSampleId :
VNJ-210MSD



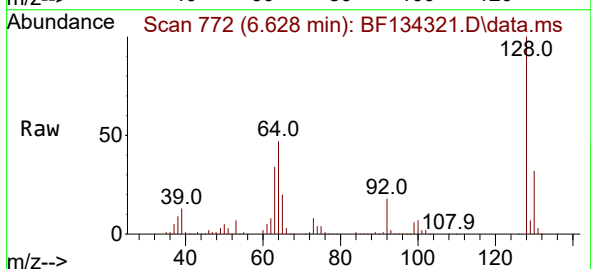
Tgt Ion: 99 Resp: 428780
Ion Ratio Lower Upper
99 100
42 24.1 19.8 29.6
71 43.5 31.9 47.9

Manual Integrations
APPROVED

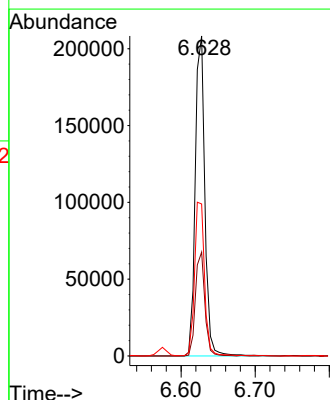
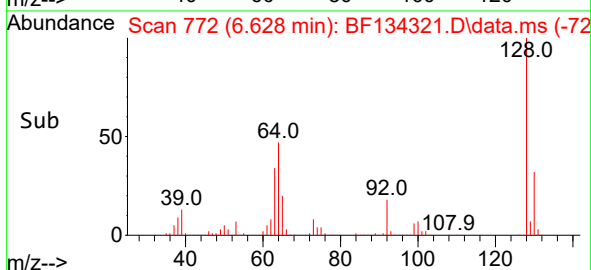
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

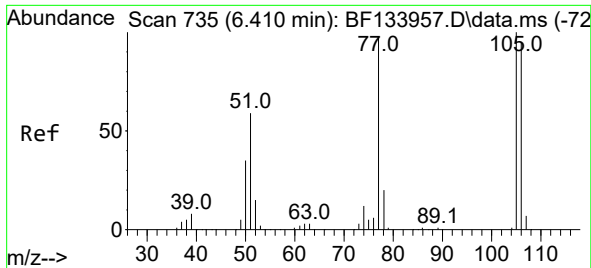


#8
2-Chlorophenol
Concen: 45.221 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10



Tgt Ion:128 Resp: 187677
Ion Ratio Lower Upper
128 100
130 32.4 11.7 51.7
64 47.5 31.3 71.3





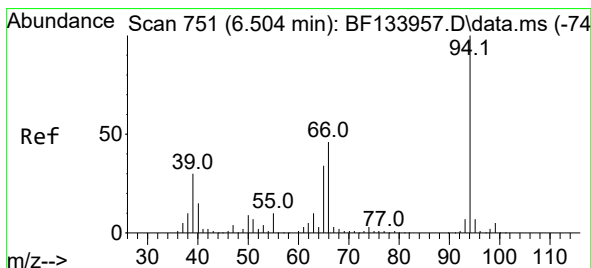
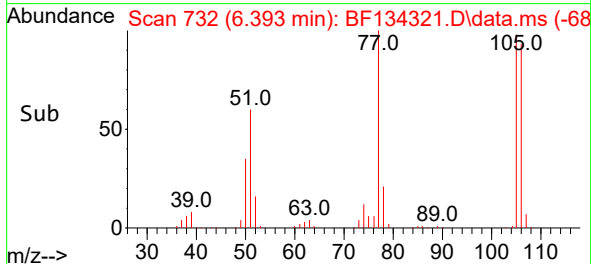
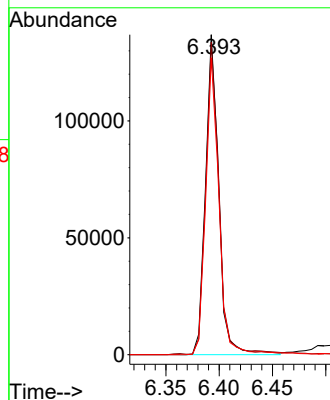
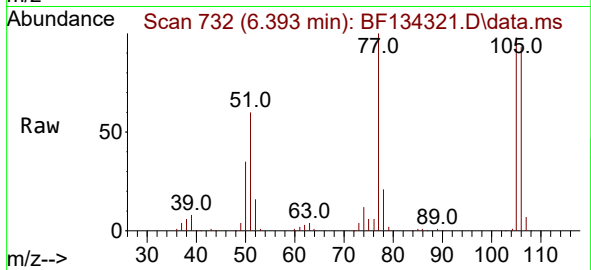
#9
Benzaldehyde
Concen: 43.947 ng
RT: 6.393 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

Instrument :
BNA_F
ClientSampleId :
VNJ-210MSD

Tgt Ion: 77 Resp: 11828
Ion Ratio Lower Upper
77 100
105 97.7 82.0 122.0
106 92.8 76.9 116.9

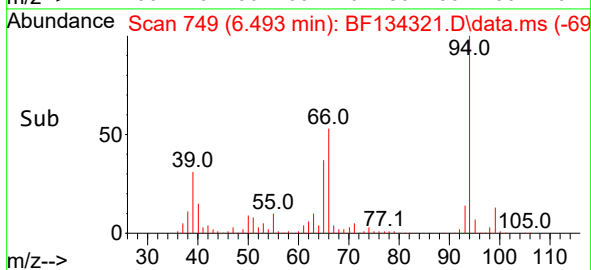
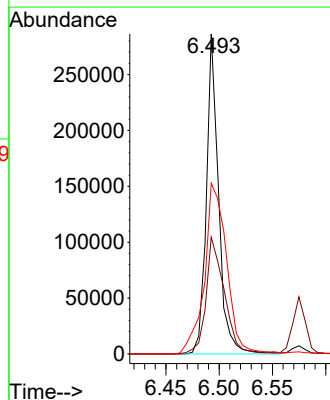
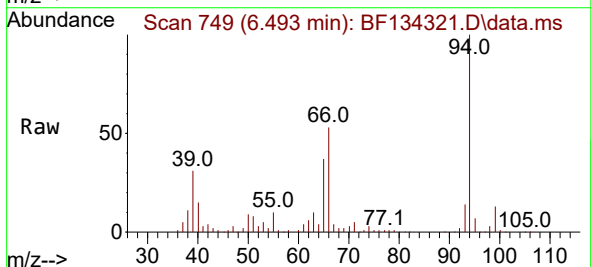
Manual Integrations
APPROVED

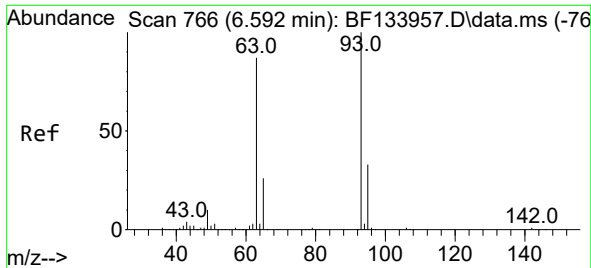
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#10
Phenol
Concen: 43.395 ng
RT: 6.493 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

Tgt Ion: 94 Resp: 229404
Ion Ratio Lower Upper
94 100
65 36.5 14.2 54.2
66 53.4 26.4 66.4





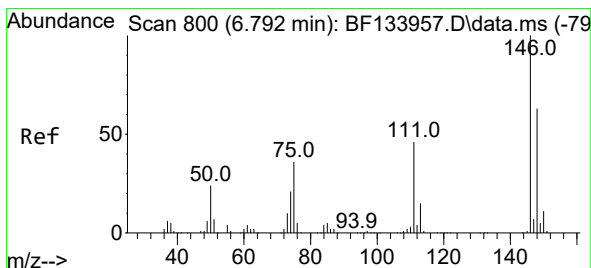
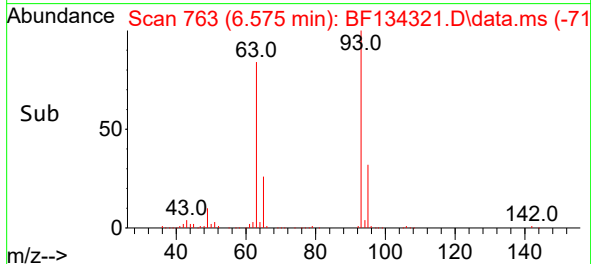
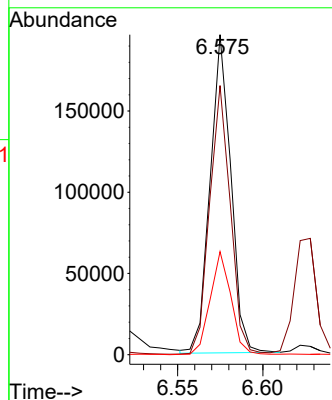
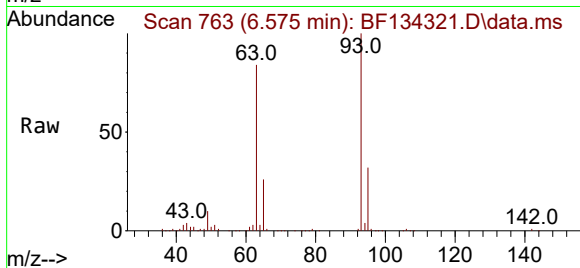
#11
bis(2-Chloroethyl)ether
Concen: 42.606 ng
RT: 6.575 min Scan# 701
Delta R.T. -0.012 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

Instrument :
BNA_F
ClientSampleId :
VNJ-210MSD

Tgt Ion: 93 Resp: 16582
Ion Ratio Lower Upper
93 100
63 84.1 66.5 106.5
95 32.2 12.9 52.9

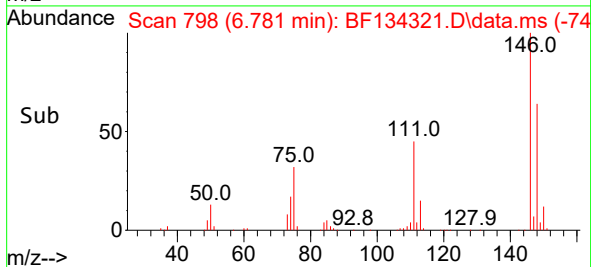
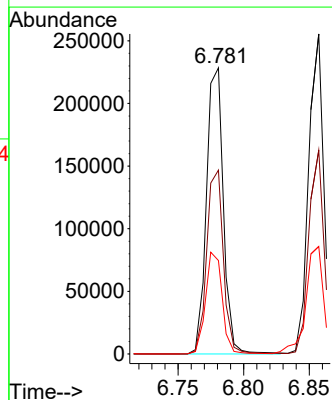
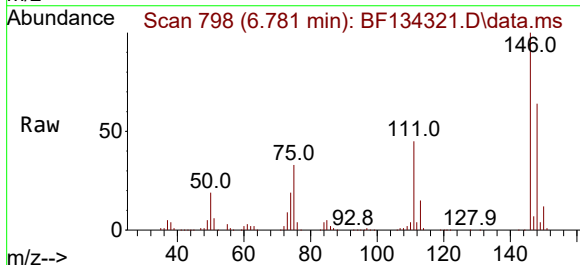
Manual Integrations
APPROVED

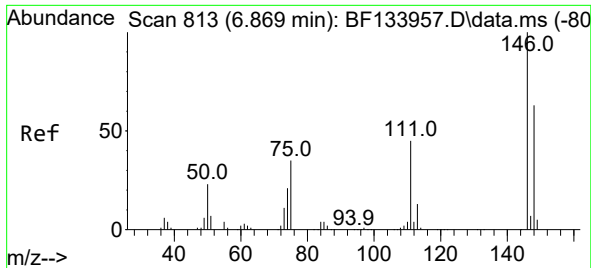
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#12
1,3-Dichlorobenzene
Concen: 46.474 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

Tgt Ion:146 Resp: 205630
Ion Ratio Lower Upper
146 100
148 64.3 50.5 75.7
75 32.6 29.0 43.6





#13
1,4-Dichlorobenzene
Concen: 46.592 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

Instrument :

BNA_F

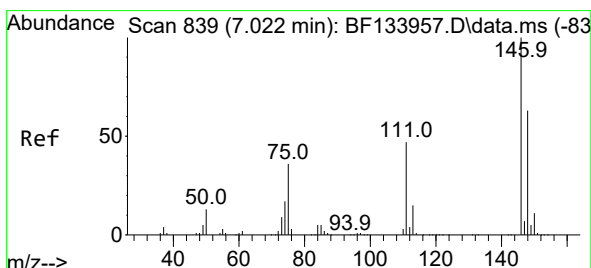
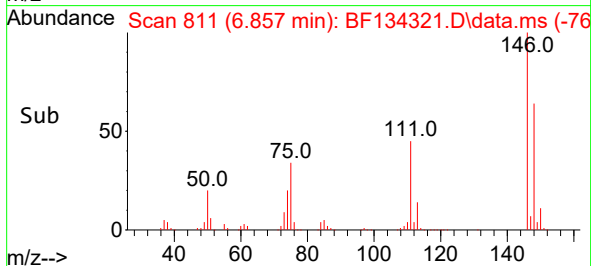
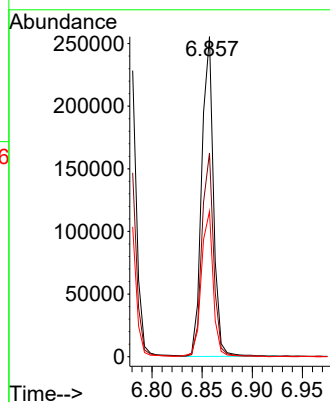
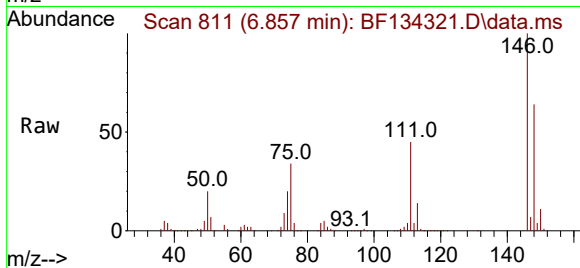
ClientSampleId :

VNJ-210MSD

Tgt Ion:146 Resp: 20822
Ion Ratio Lower Upper
146 100
148 63.6 50.2 75.2
111 45.4 35.8 53.6

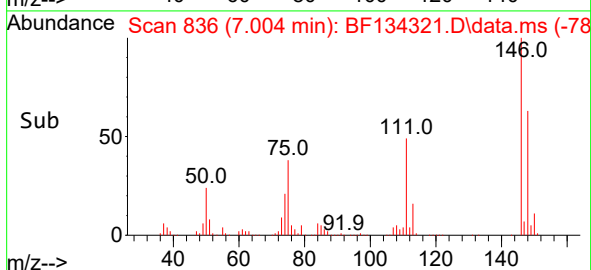
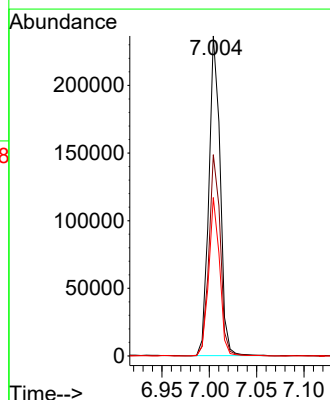
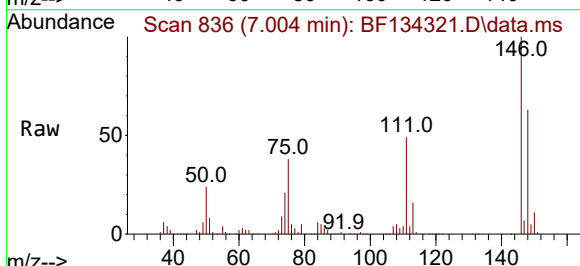
Manual Integrations
APPROVED

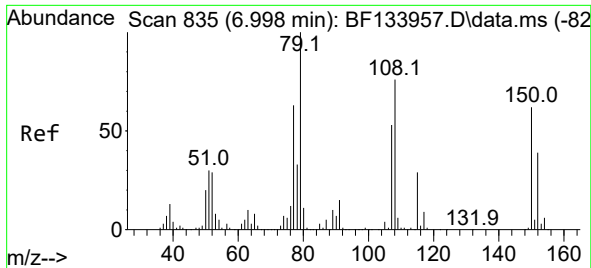
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#14
1,2-Dichlorobenzene
Concen: 46.589 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.012 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

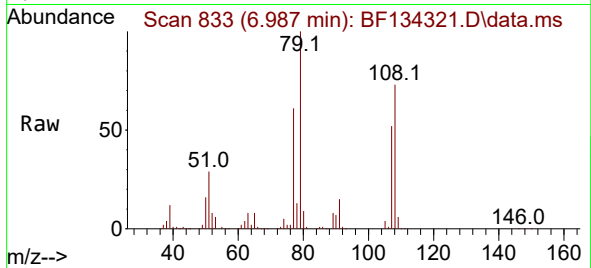
Tgt Ion:146 Resp: 194995
Ion Ratio Lower Upper
146 100
148 62.9 50.6 76.0
111 49.5 38.0 57.0





#15
Benzyl Alcohol
Concen: 44.810 ng
RT: 6.987 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

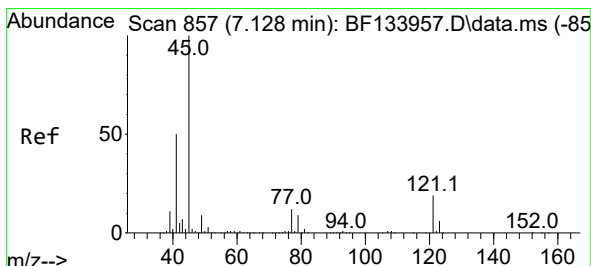
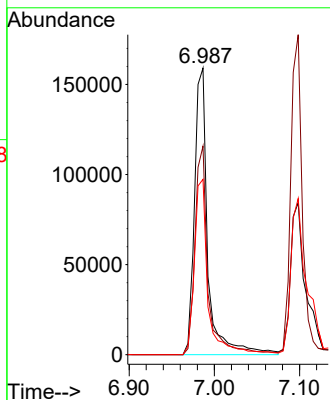
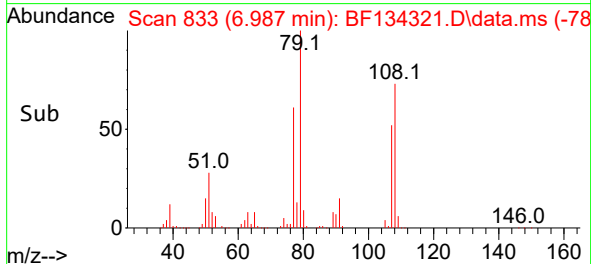
Instrument :
BNA_F
ClientSampleId :
VNJ-210MSD



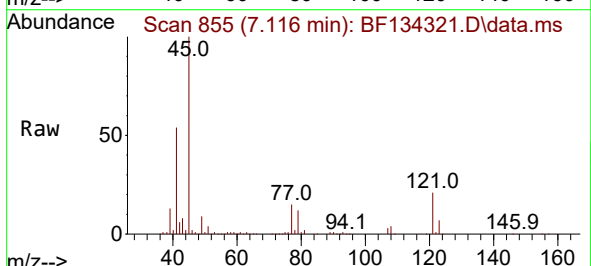
Tgt Ion: 79 Resp: 173680
Ion Ratio Lower Upper
79 100
108 72.8 60.7 91.1
77 61.2 50.6 75.8

Manual Integrations
APPROVED

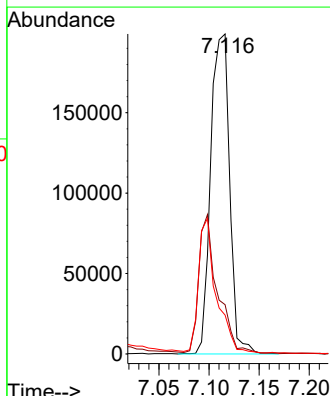
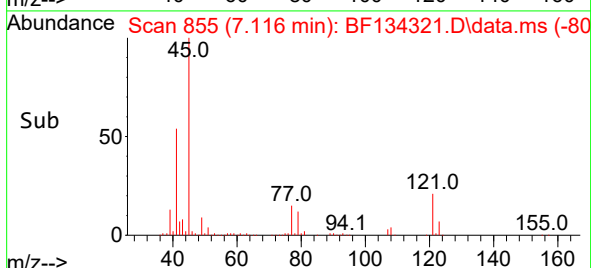
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

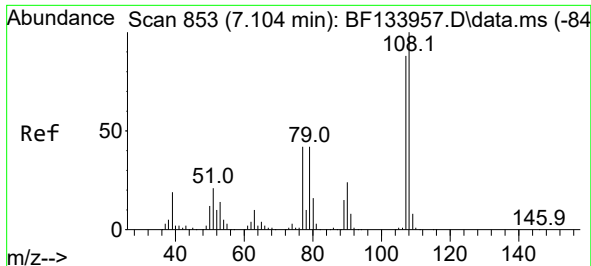


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.970 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10



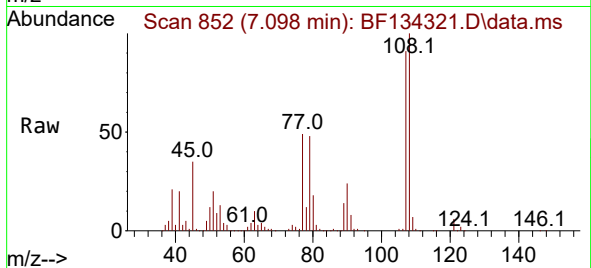
Tgt Ion: 45 Resp: 261440
Ion Ratio Lower Upper
45 100
77 15.4 0.0 32.9
79 12.1 0.0 29.5





#17
2-Methylphenol
Concen: 41.663 ng
RT: 7.098 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

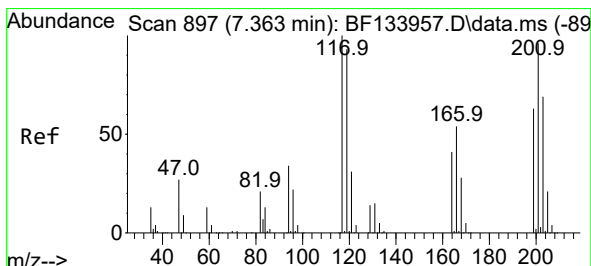
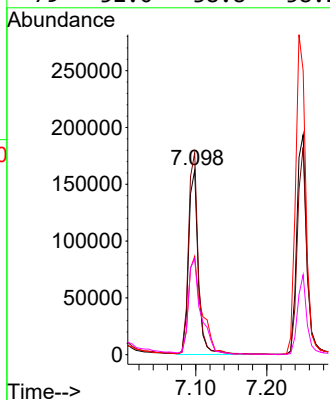
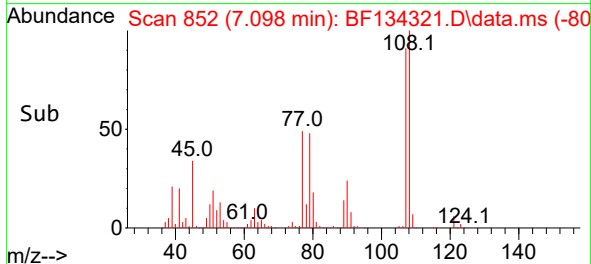
Instrument :
BNA_F
ClientSampleId :
VNJ-210MSD



Tgt Ion:107 Resp: 154839
Ion Ratio Lower Upper
107 100
108 109.4 90.6 136.0
77 53.4 38.3 57.5
79 52.0 38.8 58.2

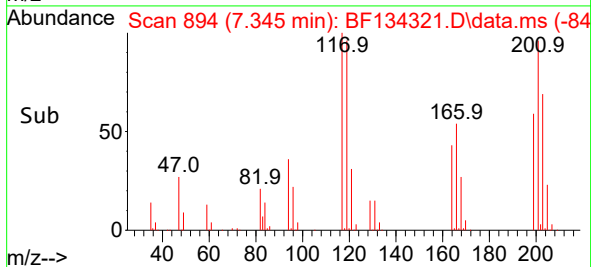
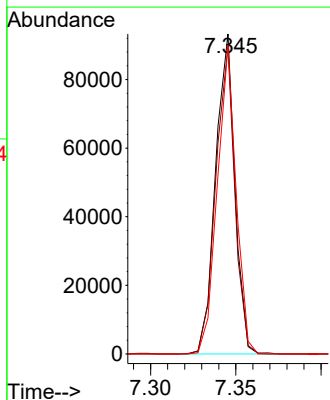
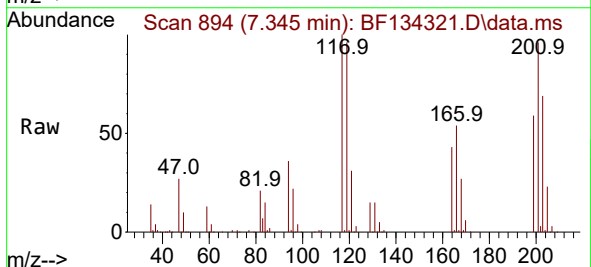
Manual Integrations
APPROVED

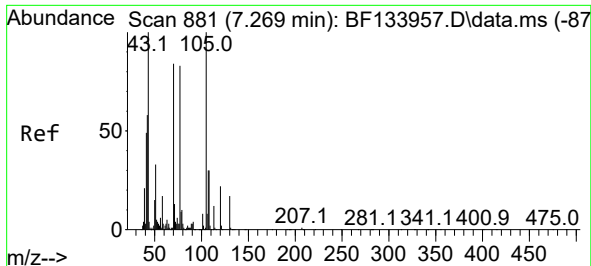
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#18
Hexachloroethane
Concen: 44.349 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

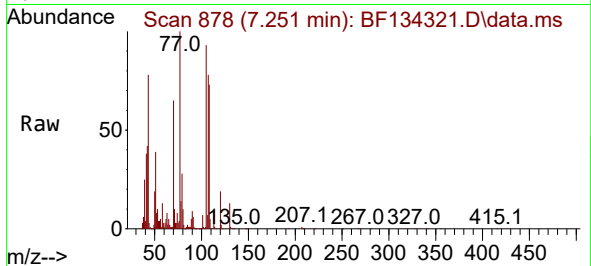
Tgt Ion:117 Resp: 73490
Ion Ratio Lower Upper
117 100
119 96.2 74.2 111.4
201 96.4 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 42.216 ng
RT: 7.251 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

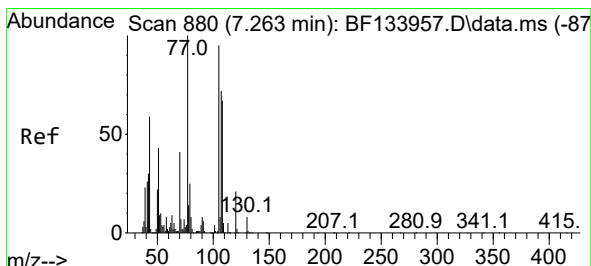
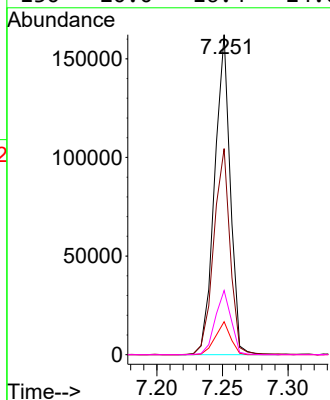
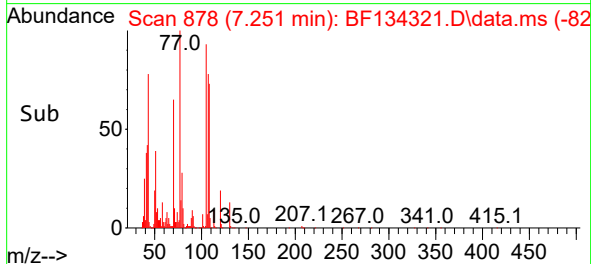
Instrument :
BNA_F
ClientSampleId :
VNJ-210MSD



Tgt Ion: 70 Resp: 134600
Ion Ratio Lower Upper
70 100
42 64.4 54.7 82.1
101 10.3 7.7 11.5
130 20.0 16.4 24.6

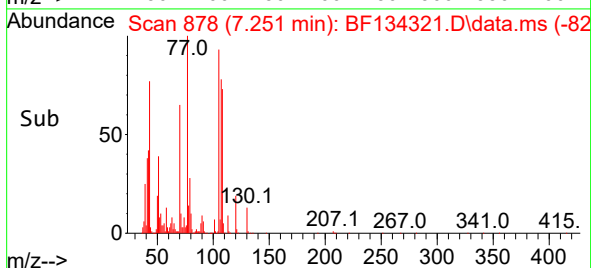
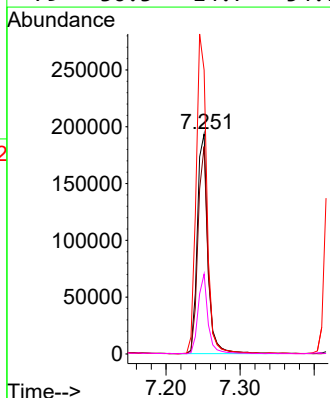
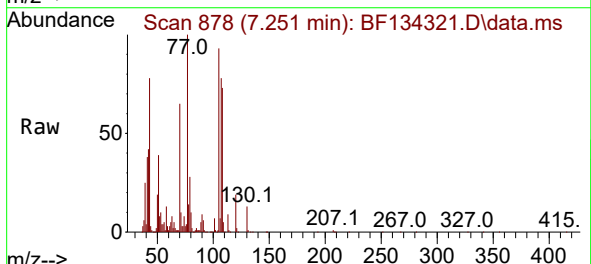
Manual Integrations
APPROVED

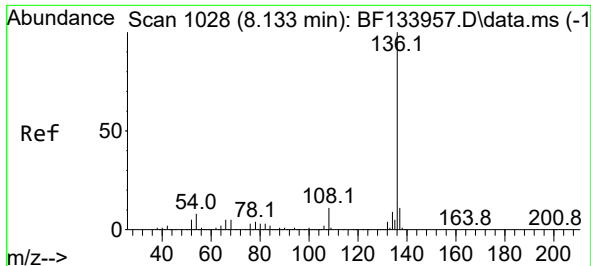
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#20
3+4-Methylphenols
Concen: 42.402 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

Tgt Ion:107 Resp: 191173
Ion Ratio Lower Upper
107 100
108 94.3 73.2 113.2
77 129.0 118.3 158.3
79 36.3 14.7 54.7





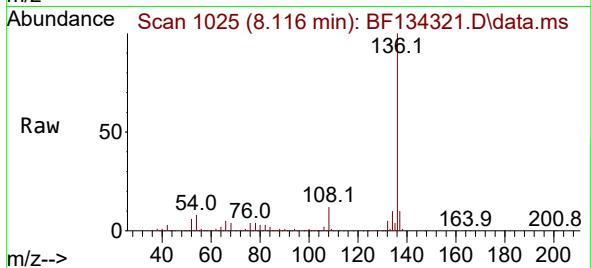
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

Instrument :

BNA_F

ClientSampleId :

VNJ-210MSD

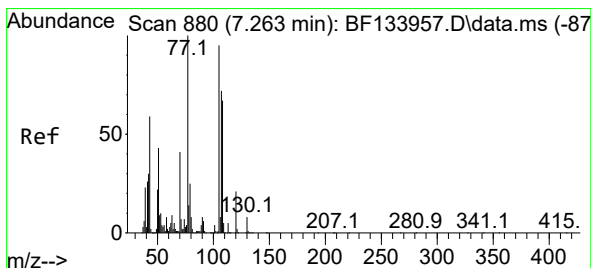
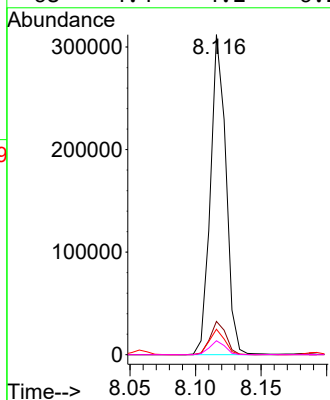
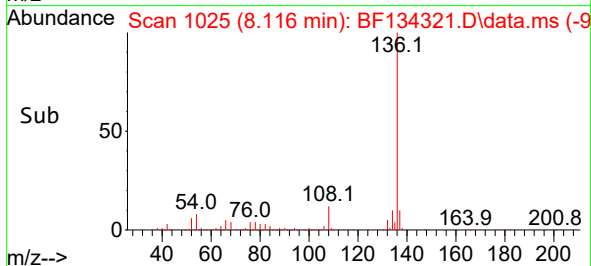


Tgt Ion:136 Resp: 25730
Ion Ratio Lower Upper
136 100
137 10.4 8.6 12.8
54 7.9 6.5 9.7
68 4.4 4.2 6.2

Manual Integrations

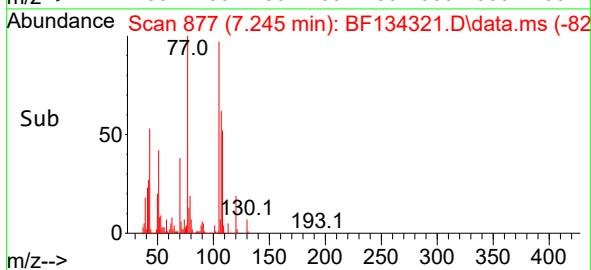
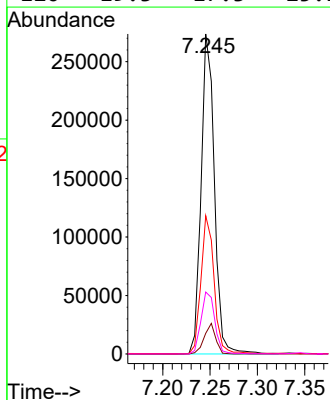
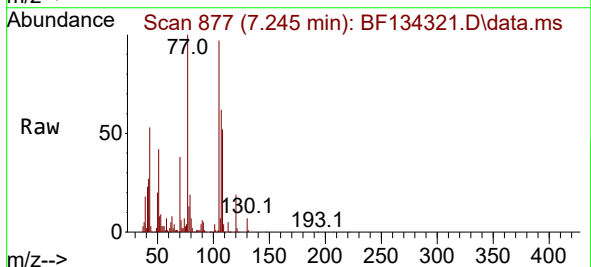
APPROVED

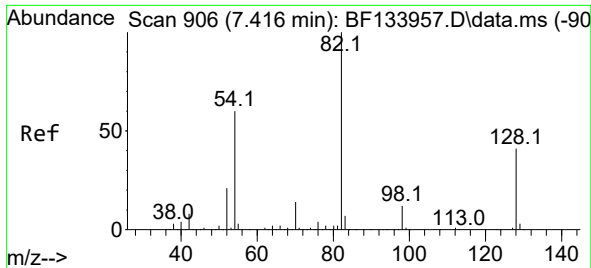
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#22
Acetophenone
Concen: 45.800 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.012 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

Tgt Ion:105 Resp: 268012
Ion Ratio Lower Upper
105 100
71 6.5 5.5 8.3
51 43.2 36.5 54.7
120 19.3 17.3 25.9





#23

Nitrobenzene-d5

Concen: 60.633 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF134321.D

Acq: 17 Jul 2023 18:10

Instrument :

BNA_F

ClientSampleId :

VNJ-210MSD

Tgt Ion: 82 Resp: 28941

Ion Ratio Lower Upper

82 100

128 42.6 32.5 48.7

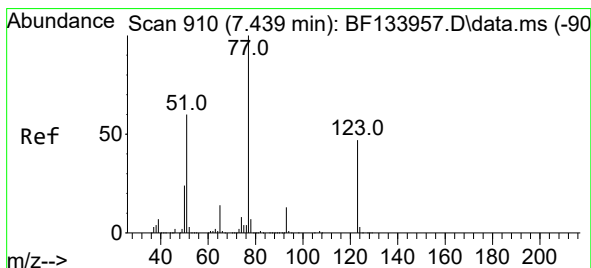
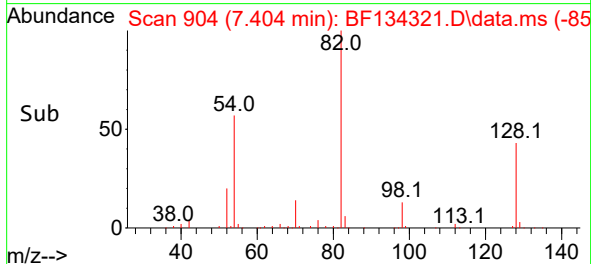
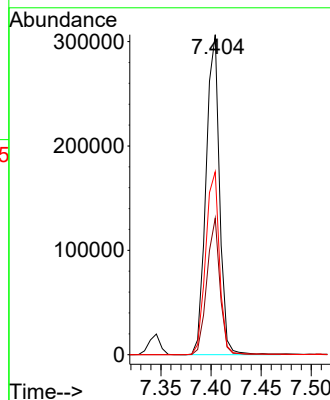
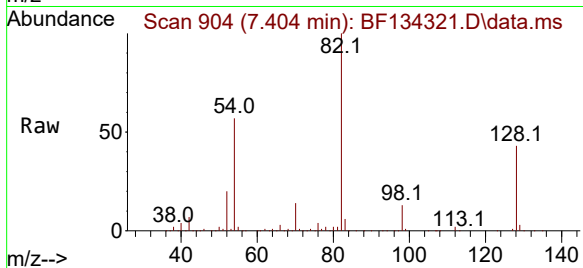
54 57.1 48.2 72.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/19/2023

Supervised By :mohammad ahmed 07/19/2023



#24

Nitrobenzene

Concen: 43.450 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF134321.D

Acq: 17 Jul 2023 18:10

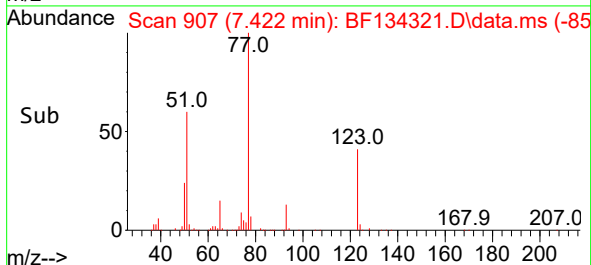
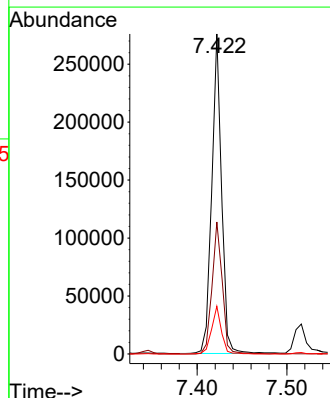
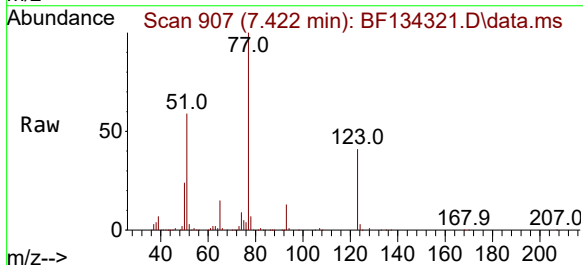
Tgt Ion: 77 Resp: 209581

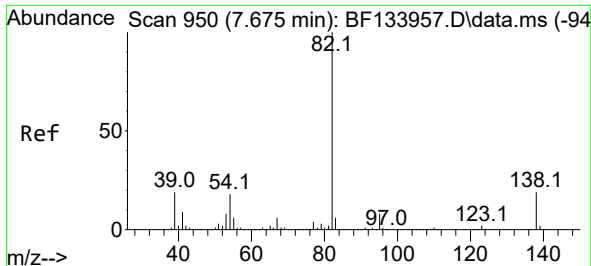
Ion Ratio Lower Upper

77 100

123 41.2 37.8 56.6

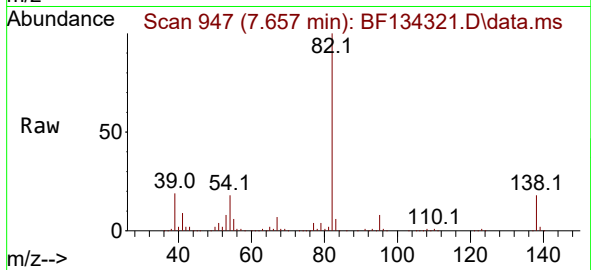
65 14.9 11.3 16.9





#25
Isophorone
Concen: 40.838 ng
RT: 7.657 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

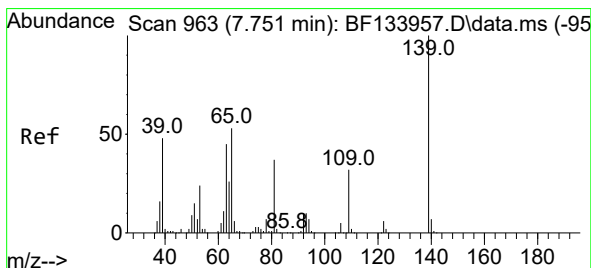
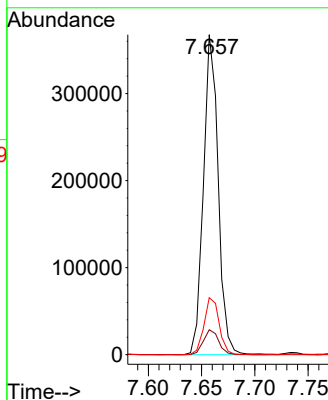
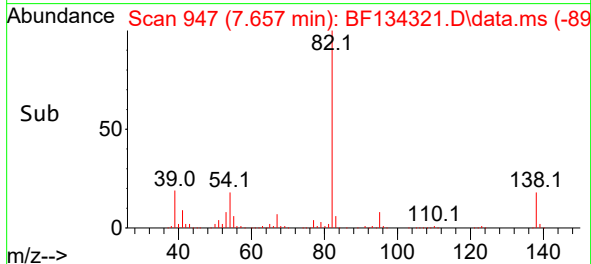
Instrument :
BNA_F
ClientSampleId :
VNJ-210MSD



Tgt Ion: 82 Resp: 35427
Ion Ratio Lower Upper
82 100
95 7.8 6.1 9.1
138 17.8 15.2 22.8

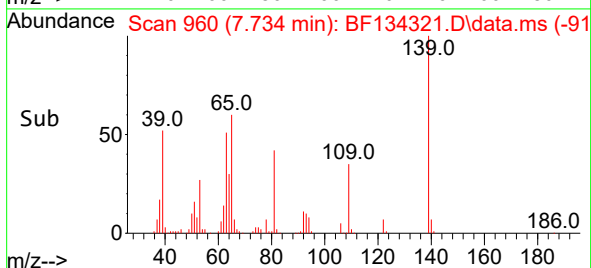
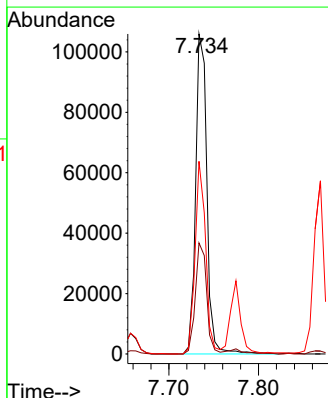
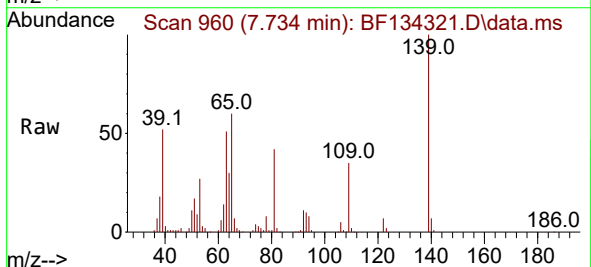
Manual Integrations
APPROVED

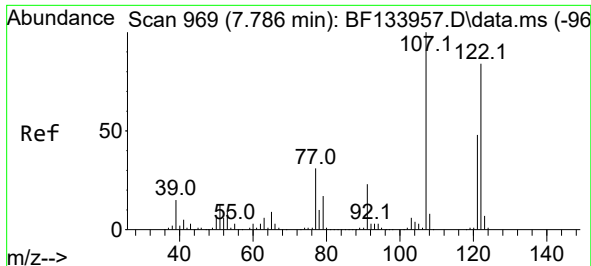
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#26
2-Nitrophenol
Concen: 39.946 ng
RT: 7.734 min Scan# 960
Delta R.T. -0.012 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

Tgt Ion:139 Resp: 92431
Ion Ratio Lower Upper
139 100
109 34.7 25.8 38.8
65 60.2 42.4 63.6





#27
2,4-Dimethylphenol
Concen: 44.448 ng
RT: 7.775 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

Instrument :

BNA_F

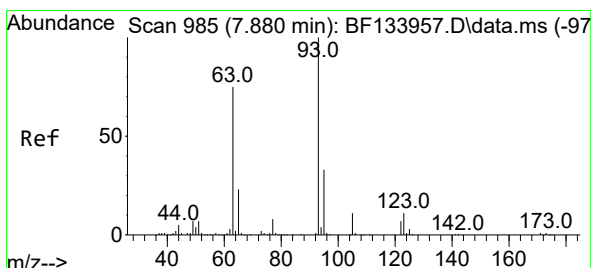
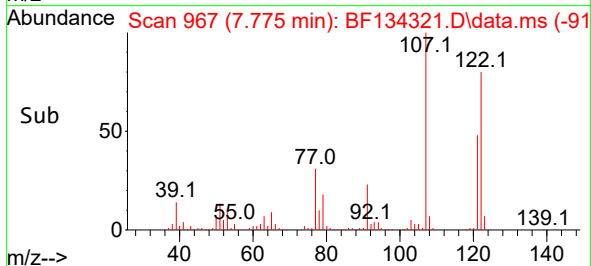
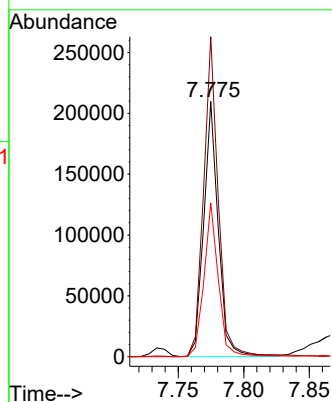
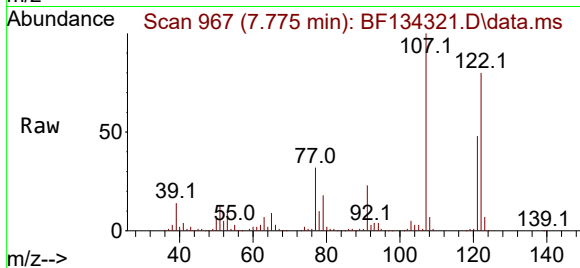
ClientSampleId :

VNJ-210MSD

Tgt Ion:122 Resp: 16280
Ion Ratio Lower Upper
122 100
107 125.4 95.5 143.3
121 60.3 45.5 68.3

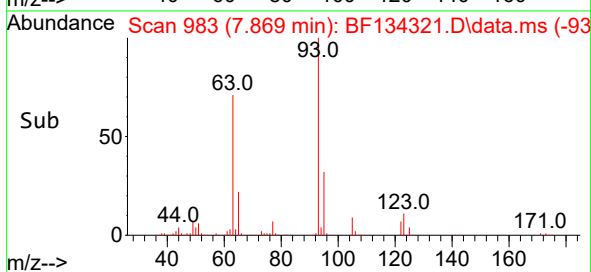
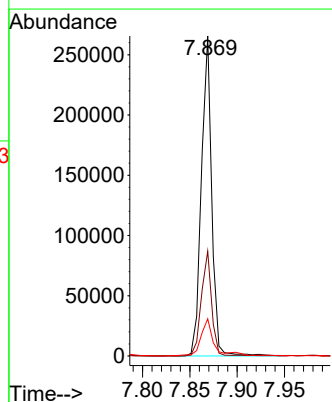
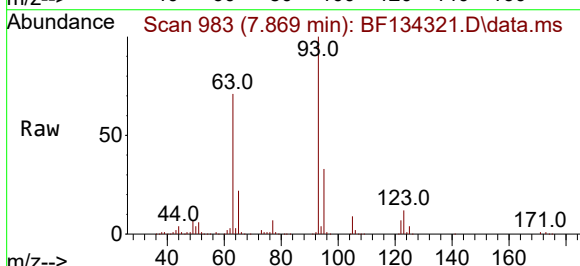
Manual Integrations
APPROVED

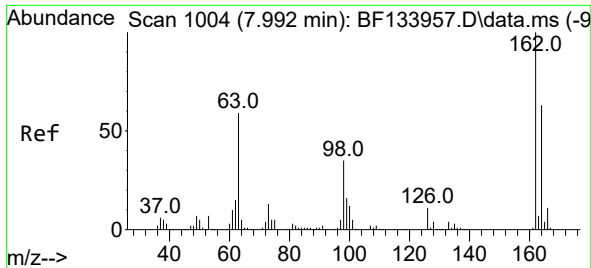
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#28
bis(2-Chloroethoxy)methane
Concen: 40.467 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

Tgt Ion: 93 Resp: 203270
Ion Ratio Lower Upper
93 100
95 32.8 26.5 39.7
123 11.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 42.469 ng

RT: 7.981 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BF134321.D

Acq: 17 Jul 2023 18:10

Instrument :

BNA_F

ClientSampleId :

VNJ-210MSD

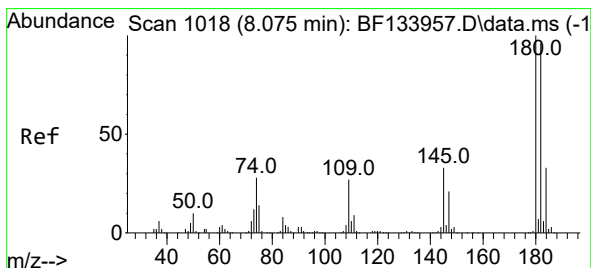
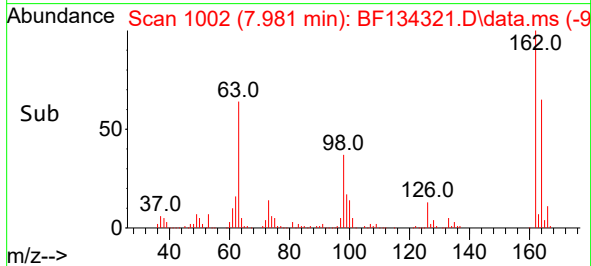
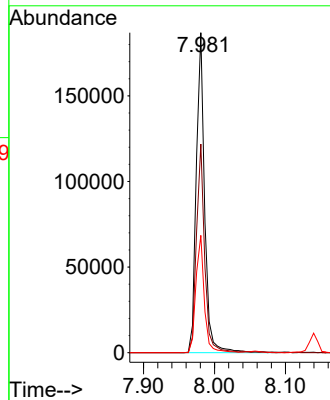
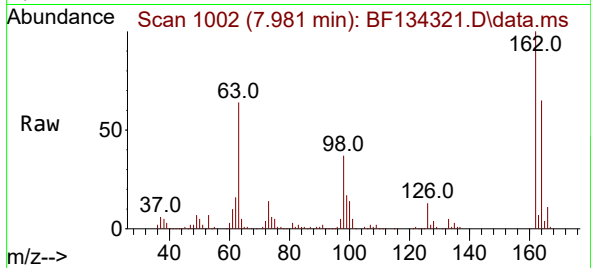
Tgt Ion:162 Resp: 154250
 Ion Ratio Lower Upper
 162 100
 164 65.2 43.2 83.2
 98 36.7 14.9 54.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/19/2023

Supervised By :mohammad ahmed 07/19/2023



#30

1,2,4-Trichlorobenzene

Concen: 44.941 ng

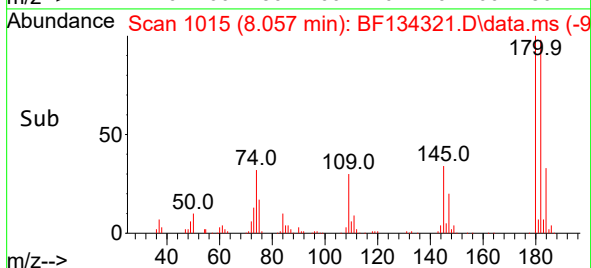
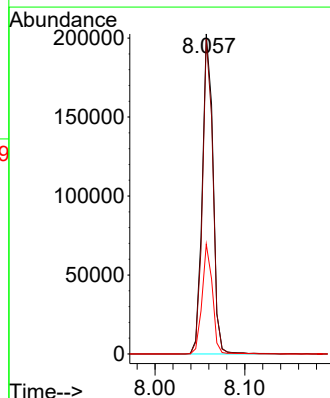
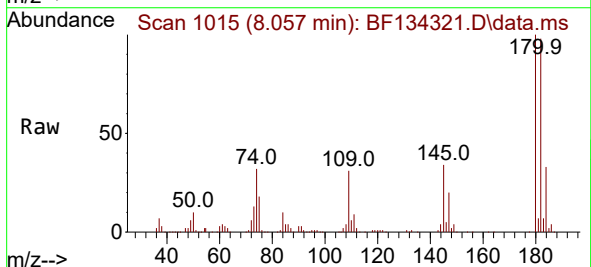
RT: 8.057 min Scan# 1015

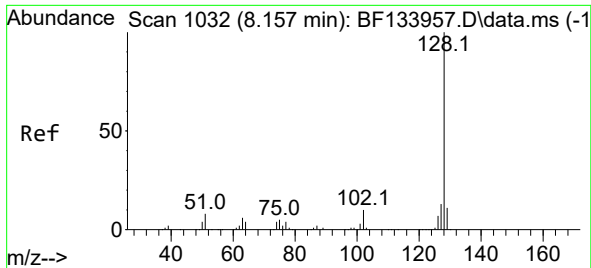
Delta R.T. -0.006 min

Lab File: BF134321.D

Acq: 17 Jul 2023 18:10

Tgt Ion:180 Resp: 168424
 Ion Ratio Lower Upper
 180 100
 182 98.3 77.1 115.7
 145 34.3 26.0 39.0





#31
Naphthalene
Concen: 42.271 ng
RT: 8.139 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

Instrument :

BNA_F

ClientSampleId :

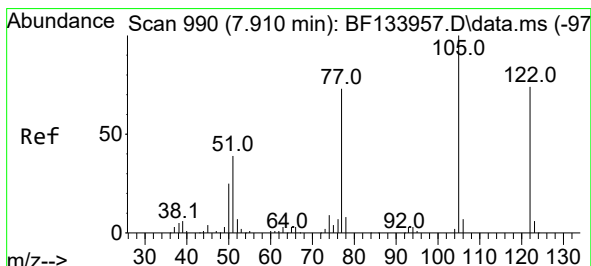
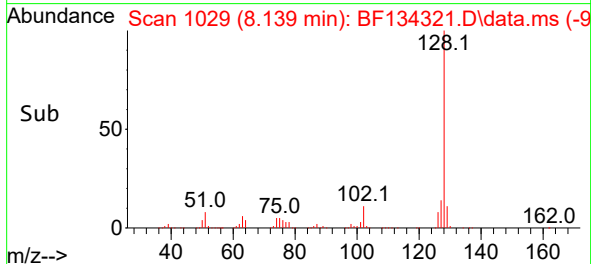
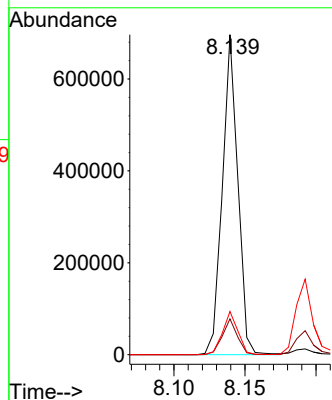
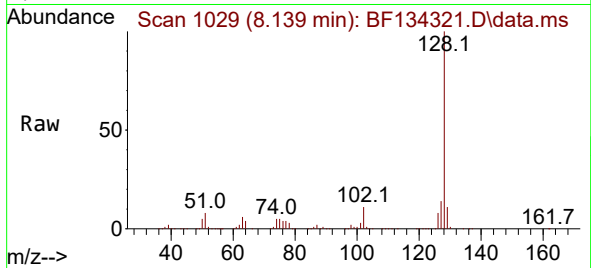
VNJ-210MSD

Tgt Ion:128 Resp: 52537
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.5 10.6 15.8

Manual Integrations

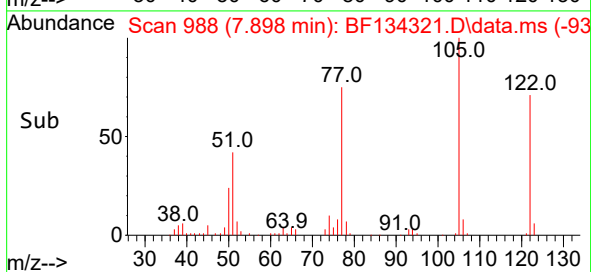
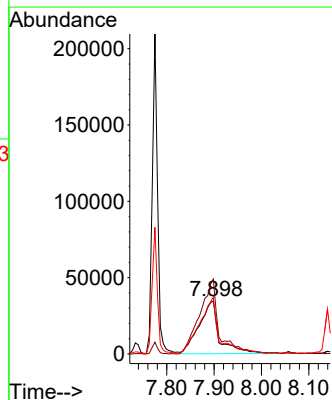
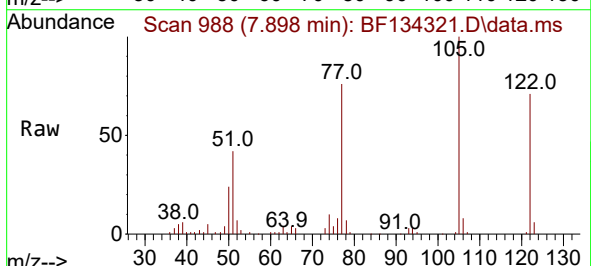
APPROVED

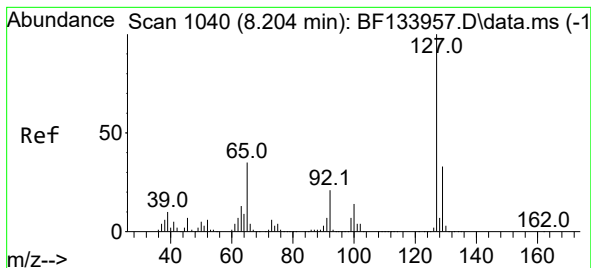
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#32
Benzoic acid
Concen: 37.562 ng
RT: 7.898 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

Tgt Ion:122 Resp: 103094
Ion Ratio Lower Upper
122 100
105 141.5 109.7 149.7
77 107.4 76.0 116.0





#33

4-Chloroaniline

Concen: 27.173 ng

RT: 8.192 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF134321.D

Acq: 17 Jul 2023 18:10

Instrument :

BNA_F

ClientSampleId :

VNJ-210MSD

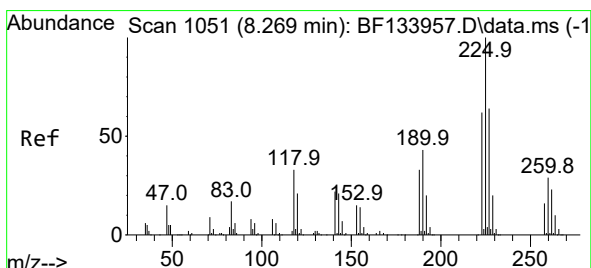
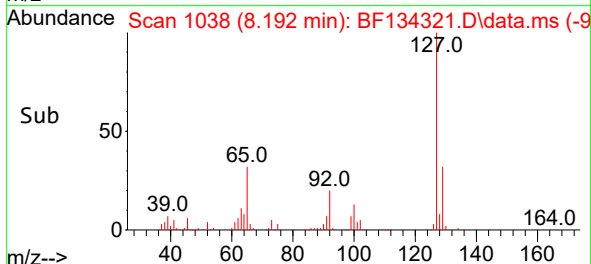
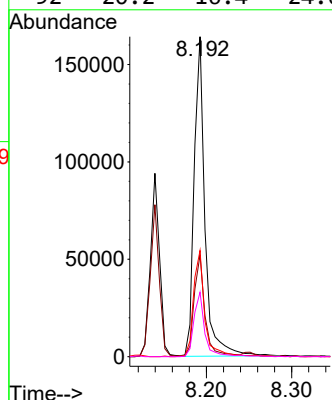
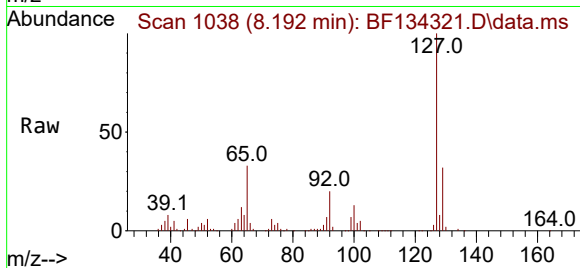
Tgt Ion:	127	Resp:	144464
Ion Ratio	Lower	Upper	
127	100		
129	31.8	26.4	39.6
65	33.2	27.8	41.8
92	20.2	16.4	24.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/19/2023

Supervised By :mohammad ahmed 07/19/2023



#34

Hexachlorobutadiene

Concen: 45.725 ng

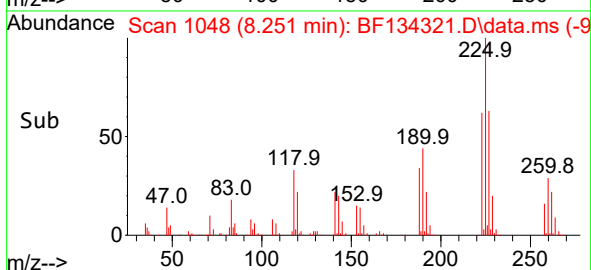
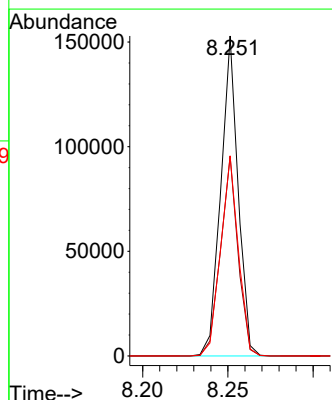
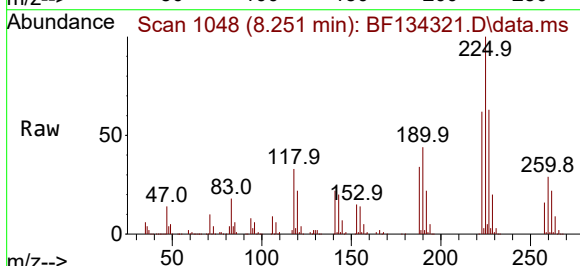
RT: 8.251 min Scan# 1048

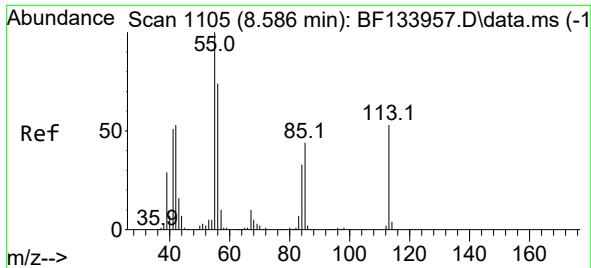
Delta R.T. -0.006 min

Lab File: BF134321.D

Acq: 17 Jul 2023 18:10

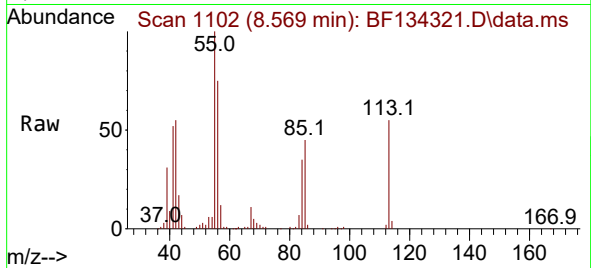
Tgt Ion:	225	Resp:	108097
Ion Ratio	Lower	Upper	
225	100		
223	62.4	49.8	74.8
227	62.5	51.0	76.4





#35
 Caprolactam
 Concen: 42.387 ng m
 RT: 8.569 min Scan# 1105
 Delta R.T. -0.006 min
 Lab File: BF134321.D
 Acq: 17 Jul 2023 18:10

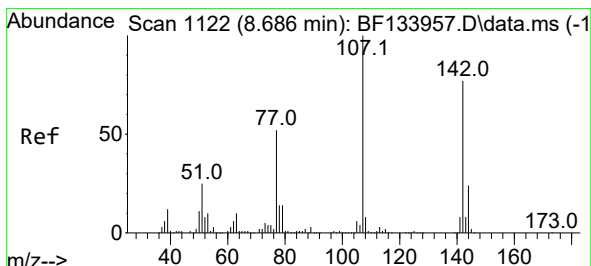
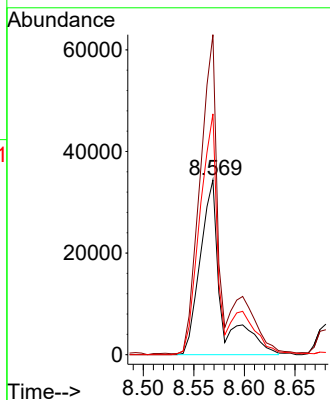
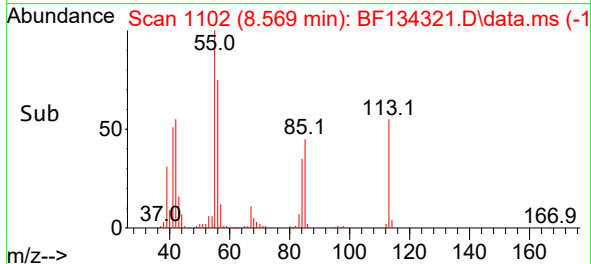
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MSD



Tgt Ion:113 Resp: 5069
 Ion Ratio Lower Upper
 113 100
 55 183.2 170.2 210.2
 56 137.8 121.4 161.4

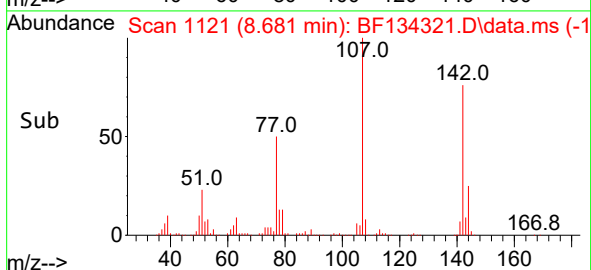
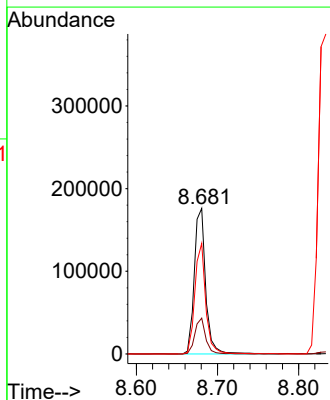
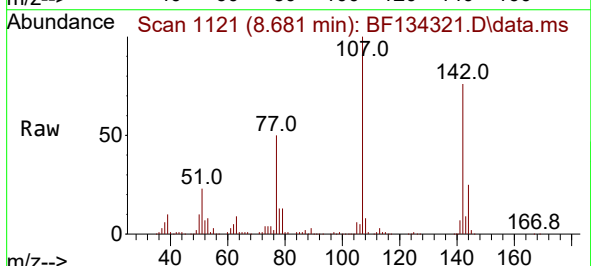
Manual Integrations
 APPROVED

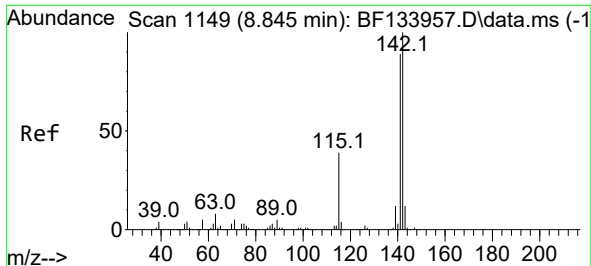
Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



#36
 4-Chloro-3-methylphenol
 Concen: 42.495 ng
 RT: 8.681 min Scan# 1121
 Delta R.T. 0.000 min
 Lab File: BF134321.D
 Acq: 17 Jul 2023 18:10

Tgt Ion:107 Resp: 173388
 Ion Ratio Lower Upper
 107 100
 144 24.6 19.6 29.4
 142 76.0 61.4 92.2





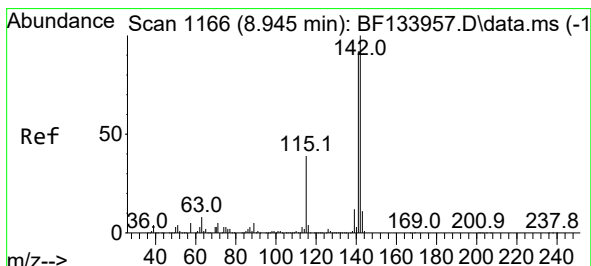
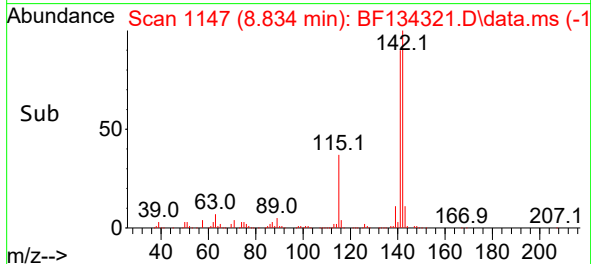
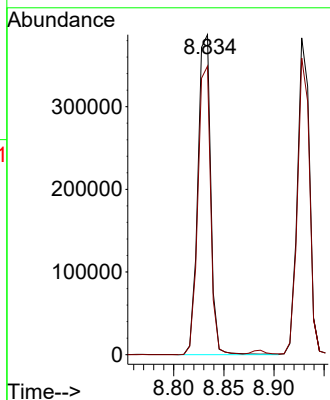
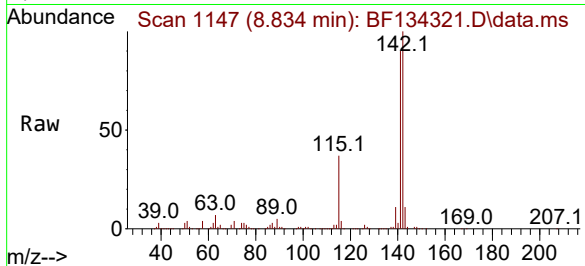
#37
2-Methylnaphthalene
Concen: 39.330 ng
RT: 8.834 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

Instrument :
BNA_F
ClientSampleId :
VNJ-210MSD

Tgt Ion:142 Resp: 34567
Ion Ratio Lower Upper
142 100
141 90.1 71.0 106.4

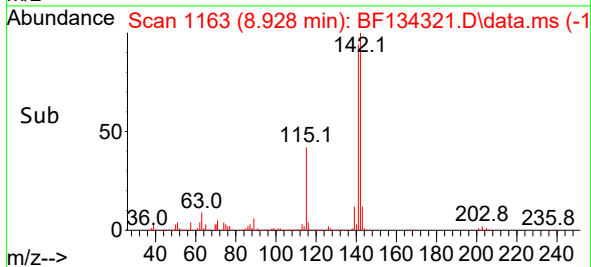
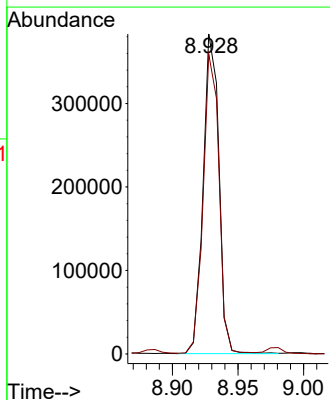
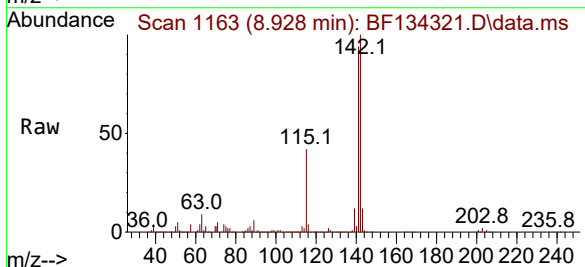
Manual Integrations
APPROVED

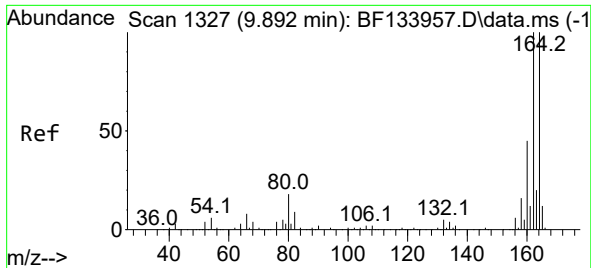
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#38
1-Methylnaphthalene
Concen: 39.276 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.012 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

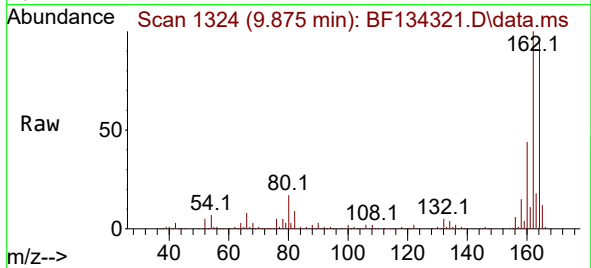
Tgt Ion:142 Resp: 320907
Ion Ratio Lower Upper
142 100
141 93.6 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

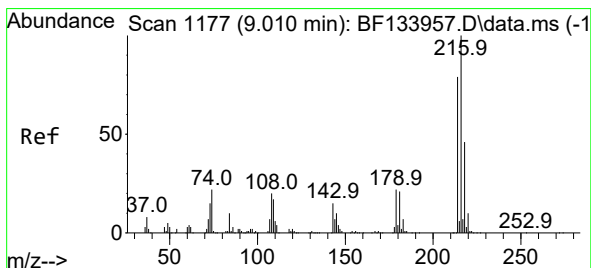
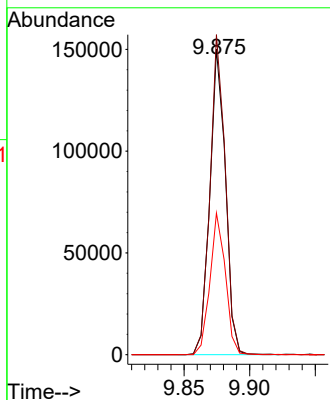
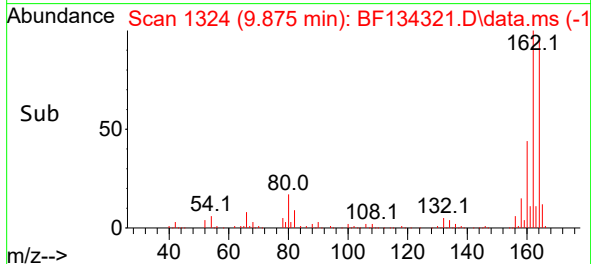
Instrument :
BNA_F
ClientSampleId :
VNJ-210MSD



Tgt Ion:164 Resp: 124138
Ion Ratio Lower Upper
164 100
162 104.7 80.0 120.0
160 46.4 35.9 53.9

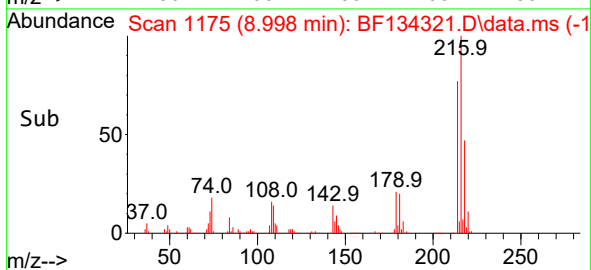
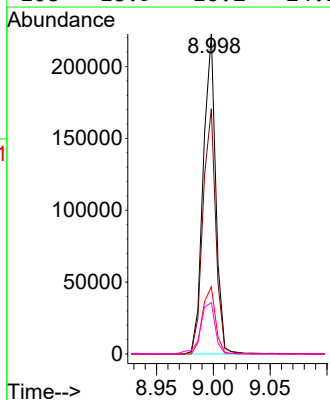
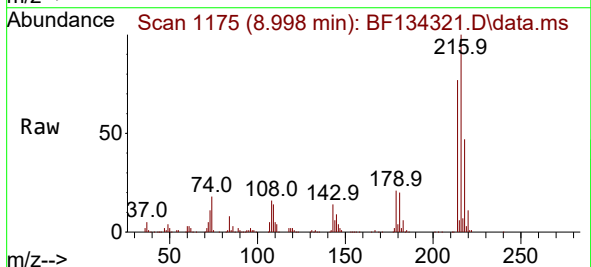
Manual Integrations
APPROVED

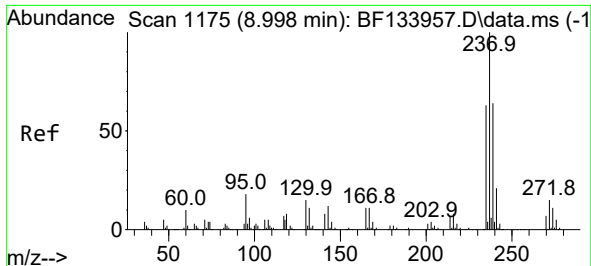
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.099 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

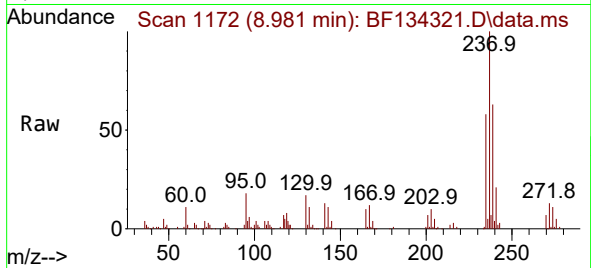
Tgt Ion:216 Resp: 169542
Ion Ratio Lower Upper
216 100
214 78.6 64.1 96.1
179 21.8 17.3 25.9
108 18.9 16.2 24.2





#41
Hexachlorocyclopentadiene
Concen: 25.998 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

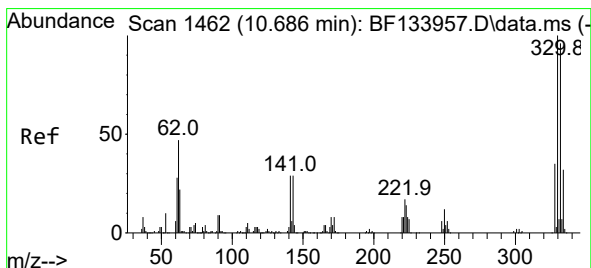
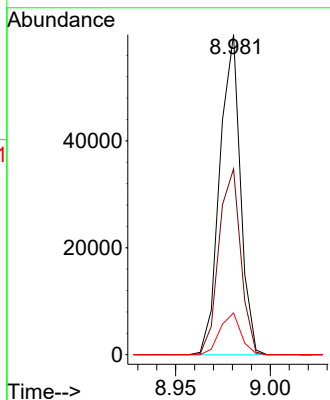
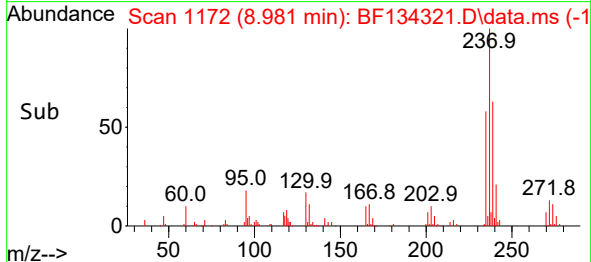
Instrument :
BNA_F
ClientSampleId :
VNJ-210MSD



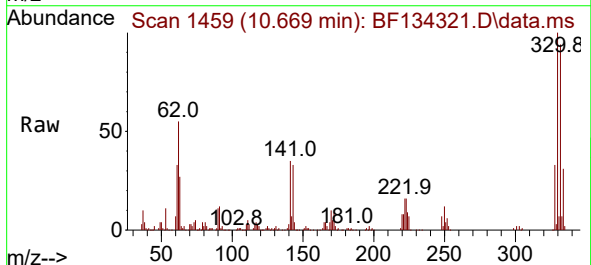
Tgt Ion: 237 Resp: 4536
Ion Ratio Lower Upper
237 100
235 58.1 42.8 82.8
272 13.1 0.0 34.6

Manual Integrations
APPROVED

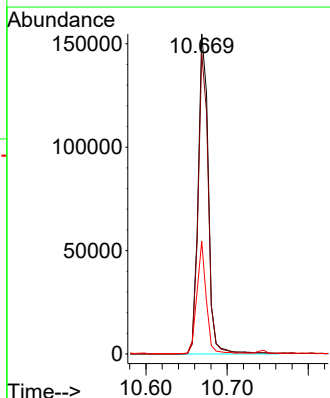
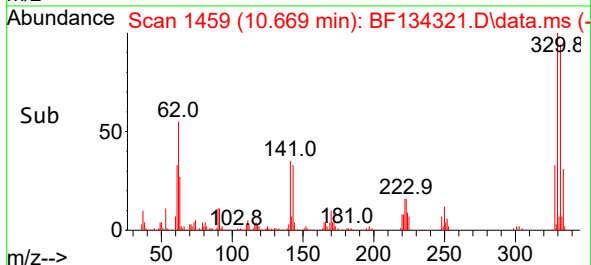
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

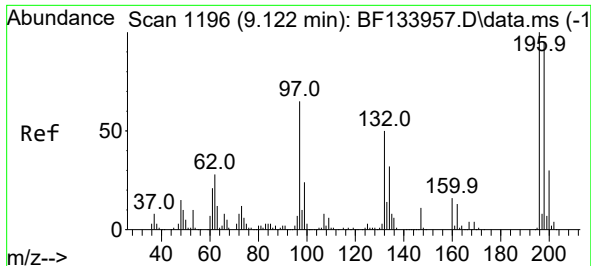


#42
2,4,6-Tribromophenol
Concen: 87.228 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.012 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10



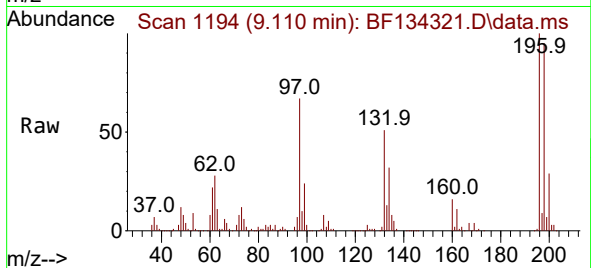
Tgt Ion: 330 Resp: 135766
Ion Ratio Lower Upper
330 100
332 94.0 77.0 115.6
141 32.2 26.3 39.5





#43
2,4,6-Trichlorophenol
Concen: 43.244 ng
RT: 9.110 min Scan# 1196
Delta R.T. -0.012 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

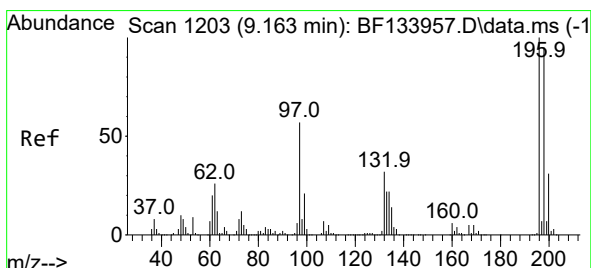
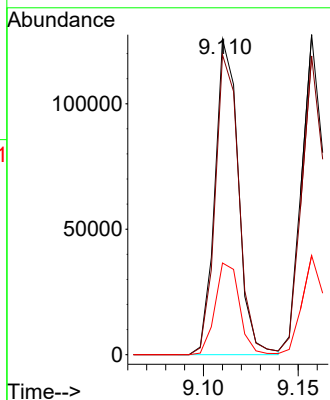
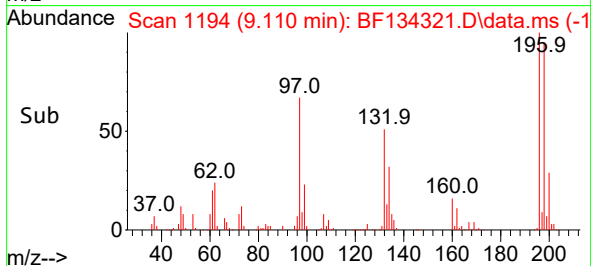
Instrument :
BNA_F
ClientSampleId :
VNJ-210MSD



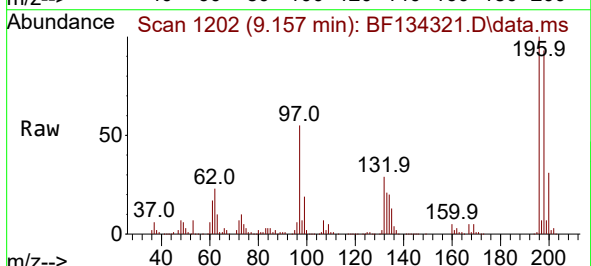
Tgt Ion:196 Resp: 10826
Ion Ratio Lower Upper
196 100
198 95.0 75.6 113.4
200 29.0 24.4 36.6

Manual Integrations
APPROVED

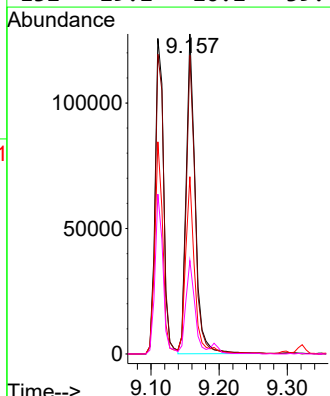
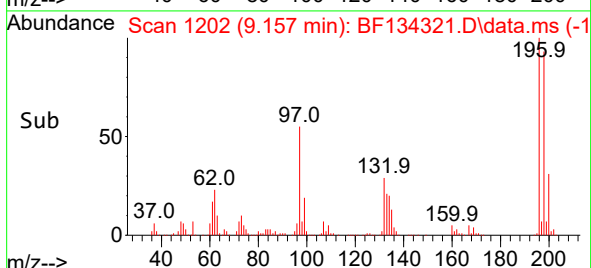
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

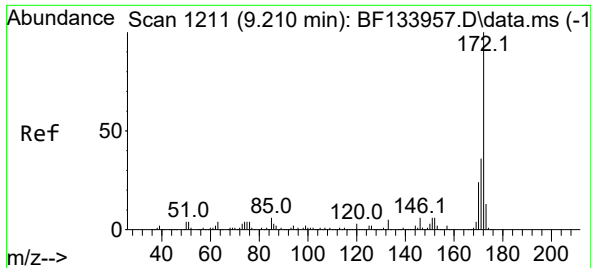


#44
2,4,5-Trichlorophenol
Concen: 39.644 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10



Tgt Ion:196 Resp: 116751
Ion Ratio Lower Upper
196 100
198 93.3 75.7 113.5
97 55.4 45.8 68.6
132 29.2 26.2 39.4





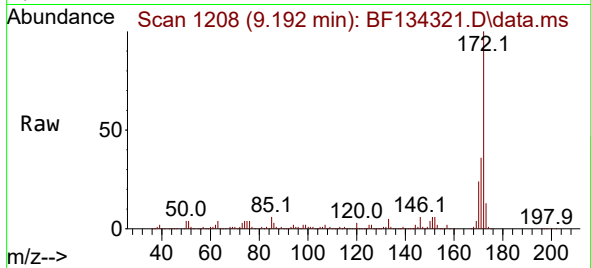
#45
2-Fluorobiphenyl
Concen: 65.001 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

Instrument :

BNA_F

ClientSampleId :

VNJ-210MSD

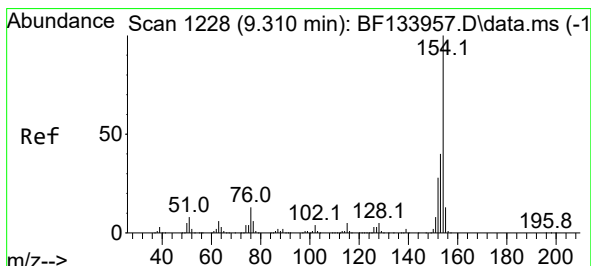
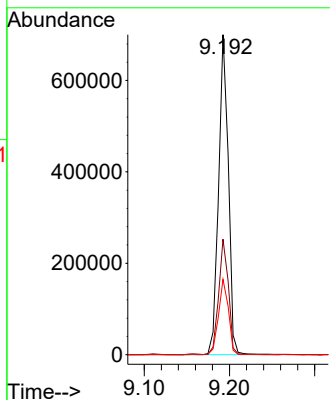
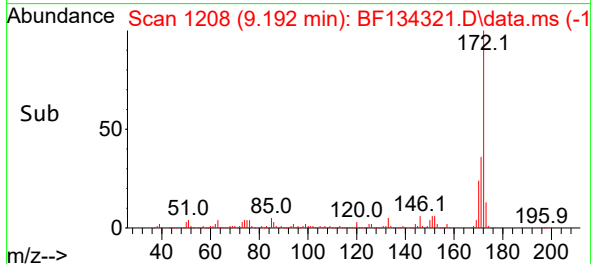


Tgt Ion:172 Resp: 55499
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 23.6 19.4 29.0

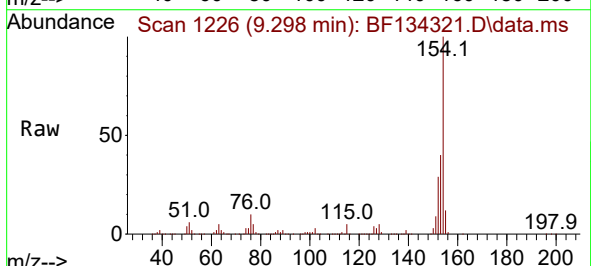
Manual Integrations

APPROVED

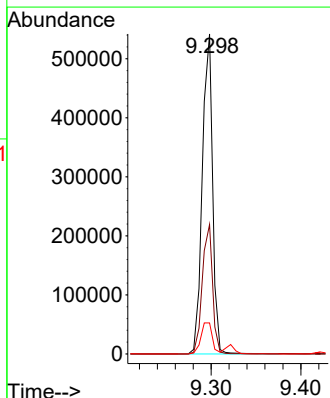
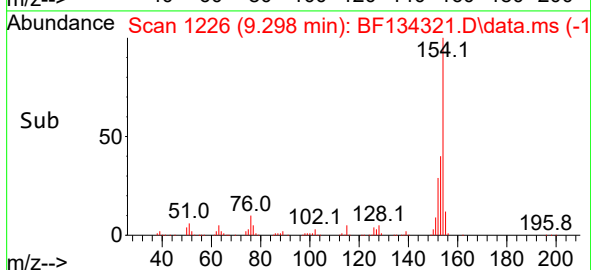
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

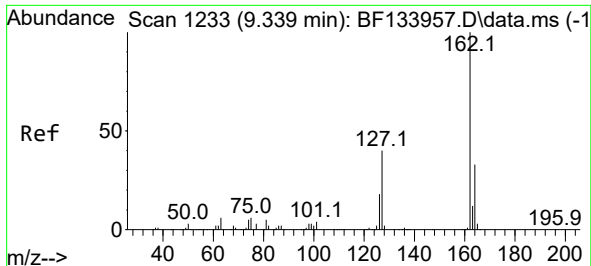


#46
1,1'-Biphenyl
Concen: 43.364 ng
RT: 9.298 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10



Tgt Ion:154 Resp: 431818
Ion Ratio Lower Upper
154 100
153 40.5 19.8 59.8
76 9.7 0.0 32.9





#47

2-Chloronaphthalene

Concen: 44.407 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF134321.D

Acq: 17 Jul 2023 18:10

Instrument :

BNA_F

ClientSampleId :

VNJ-210MSD

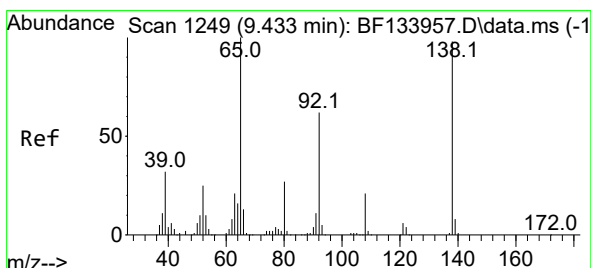
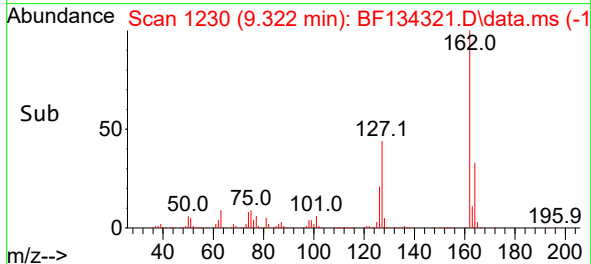
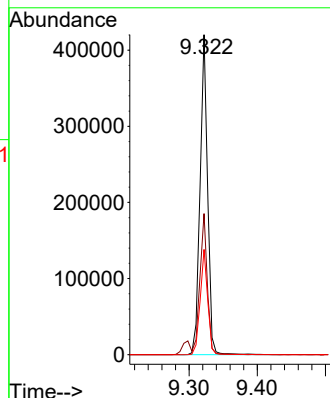
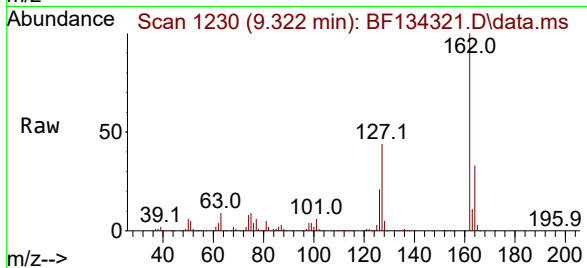
Tgt Ion:162	Resp: 32354
Ion Ratio	Lower Upper
162	100
127	44.1 32.9 49.3
164	32.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/19/2023

Supervised By :mohammad ahmed 07/19/2023



#48

2-Nitroaniline

Concen: 42.950 ng

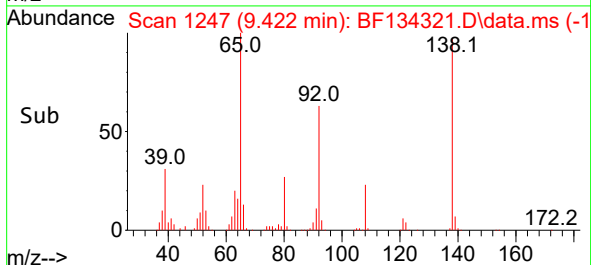
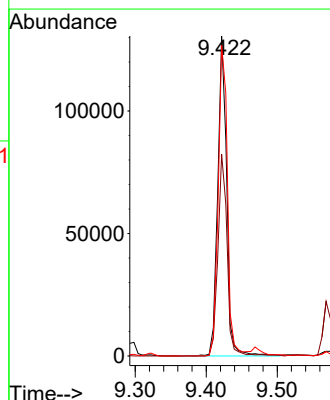
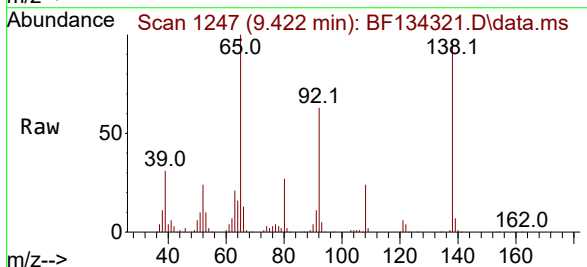
RT: 9.422 min Scan# 1247

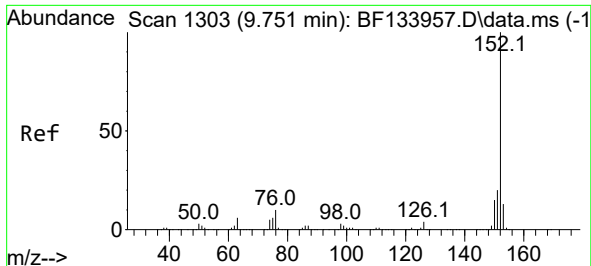
Delta R.T. -0.006 min

Lab File: BF134321.D

Acq: 17 Jul 2023 18:10

Tgt Ion: 65	Resp: 114046
Ion Ratio	Lower Upper
65	100
92	63.0 49.5 74.3
138	97.2 78.0 117.0





#49

Acenaphthylene

Concen: 41.892 ng

RT: 9.739 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134321.D

Acq: 17 Jul 2023 18:10

Instrument :

BNA_F

ClientSampleId :

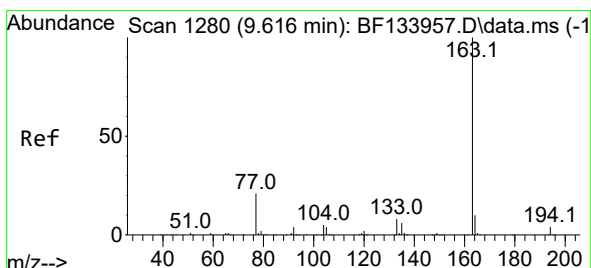
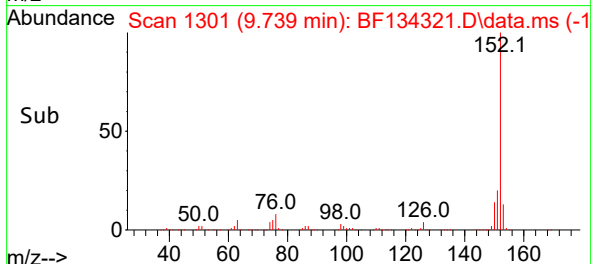
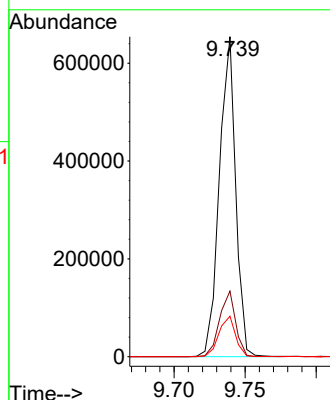
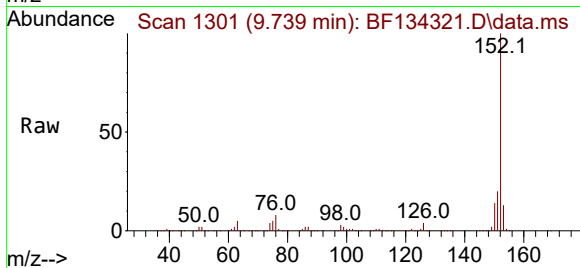
VNJ-210MSD

Tgt Ion:152 Resp: 521388
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.2 24.2
 153 12.7 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



#50

Dimethylphthalate

Concen: 43.010 ng

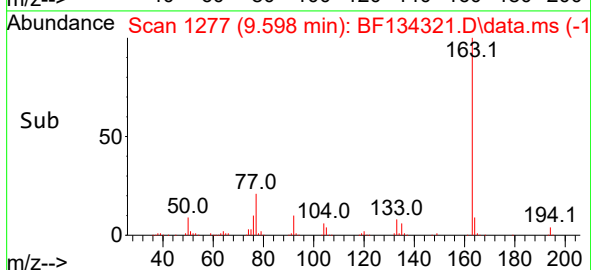
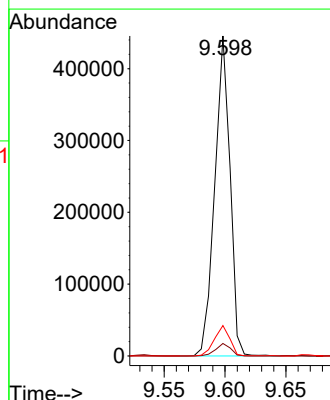
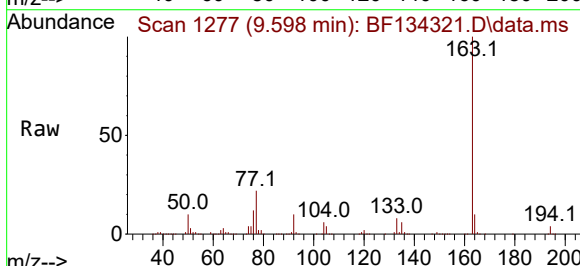
RT: 9.598 min Scan# 1277

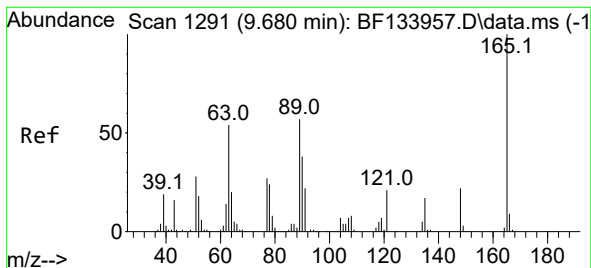
Delta R.T. -0.006 min

Lab File: BF134321.D

Acq: 17 Jul 2023 18:10

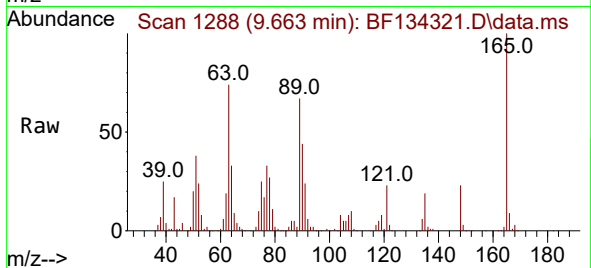
Tgt Ion:163 Resp: 387571
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.0 4.6
 164 9.5 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 41.353 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

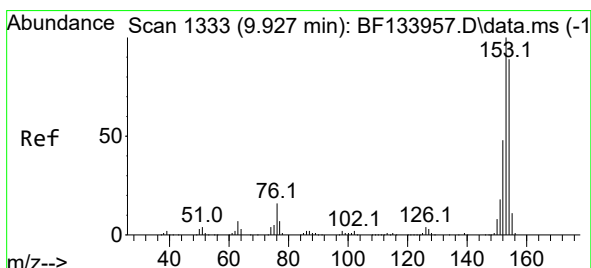
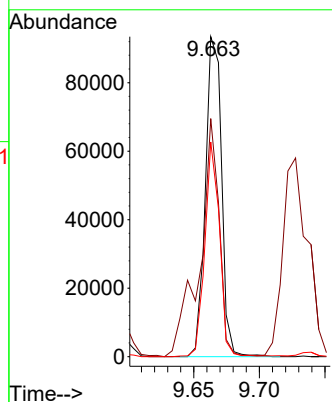
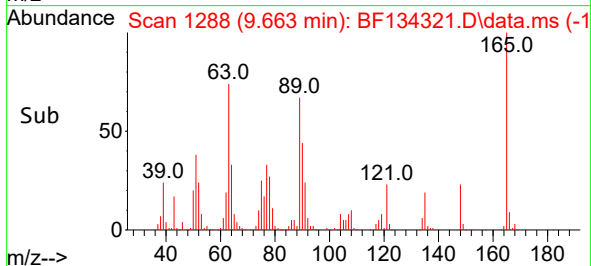
Instrument :
BNA_F
ClientSampleId :
VNJ-210MSD



Tgt Ion:165 Resp: 80263
Ion Ratio Lower Upper
165 100
63 74.4 48.5 72.7
89 67.1 45.5 68.3

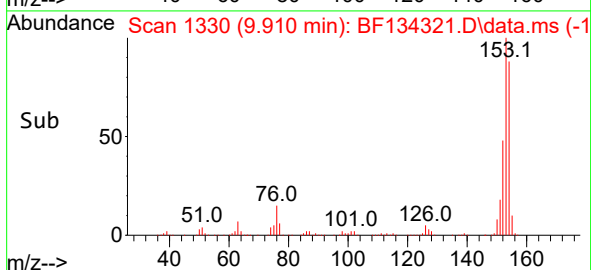
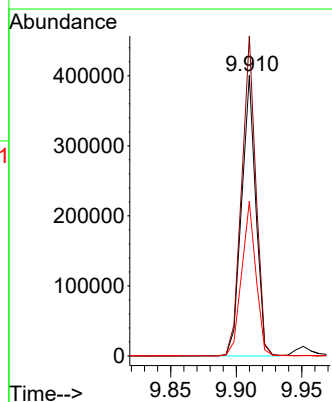
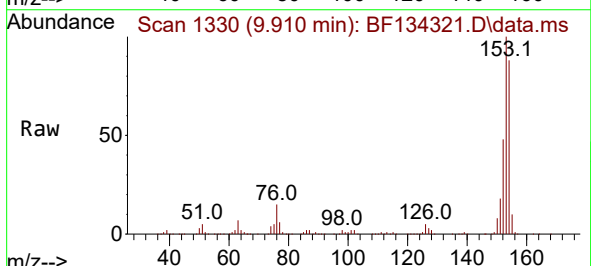
Manual Integrations
APPROVED

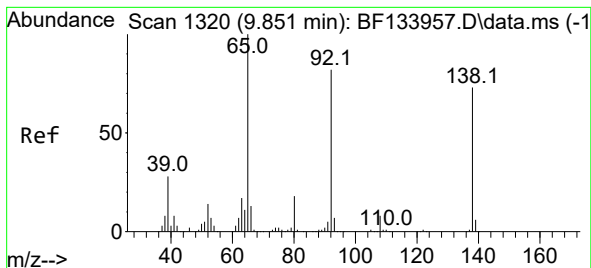
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#52
Acenaphthene
Concen: 42.070 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

Tgt Ion:154 Resp: 303822
Ion Ratio Lower Upper
154 100
153 114.1 89.4 134.2
152 55.1 42.8 64.2





#53
3-Nitroaniline
Concen: 38.012 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

Instrument :

BNA_F

ClientSampleId :

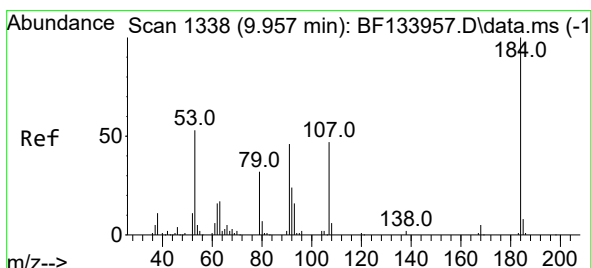
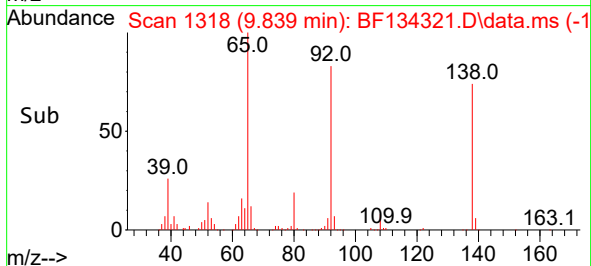
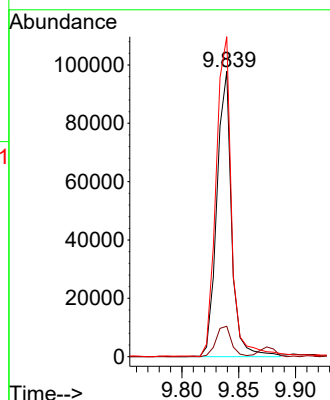
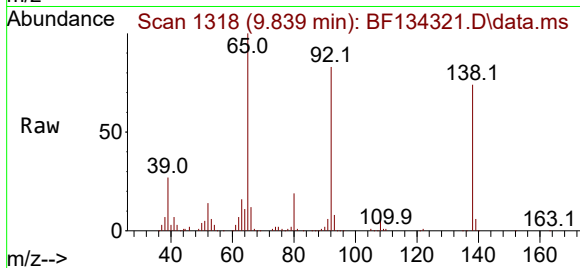
VNJ-210MSD

Tgt Ion:138 Resp: 88508
Ion Ratio Lower Upper
138 100
108 10.7 8.4 12.6
92 112.2 90.1 135.1

Manual Integrations

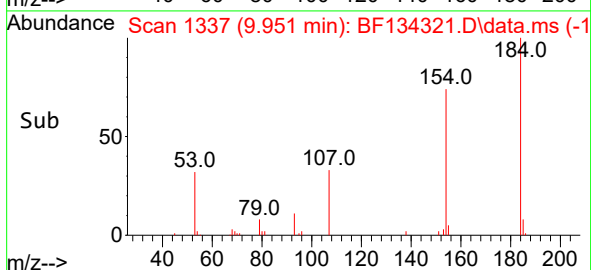
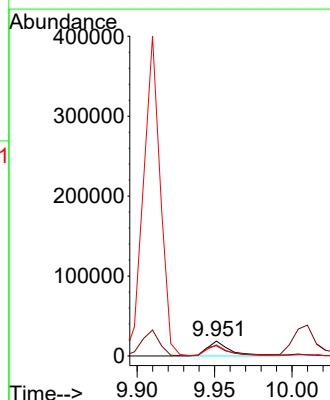
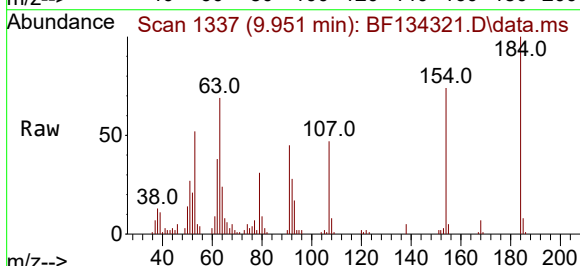
APPROVED

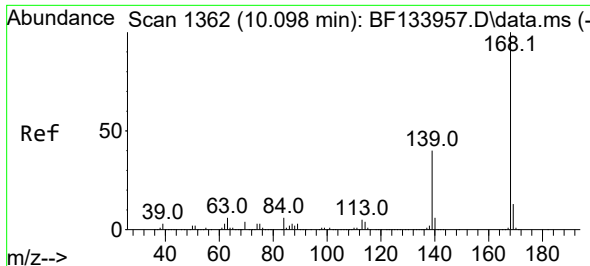
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#54
2,4-Dinitrophenol
Concen: 20.062 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

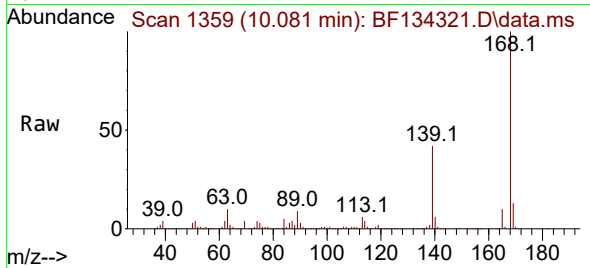
Tgt Ion:184 Resp: 19077
Ion Ratio Lower Upper
184 100
63 69.1 56.9 85.3
154 73.5 55.4 83.0





#55
Dibenzenofuran
Concen: 41.278 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.012 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

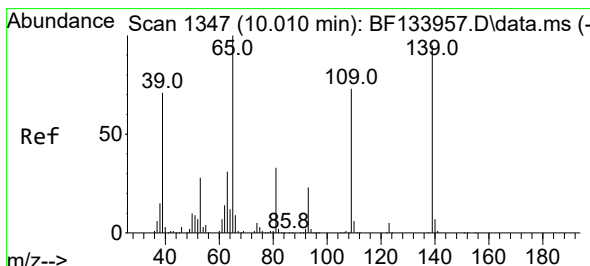
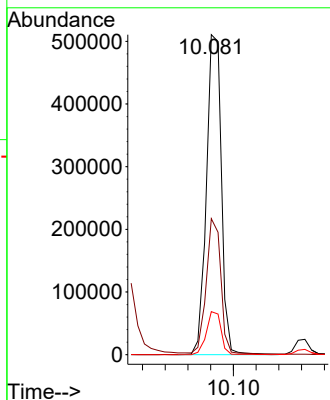
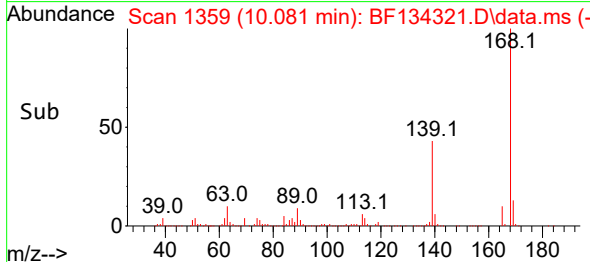
Instrument :
BNA_F
ClientSampleId :
VNJ-210MSD



Tgt Ion:168 Resp: 465880
Ion Ratio Lower Upper
168 100
139 42.5 32.0 48.0
169 13.4 10.6 16.0

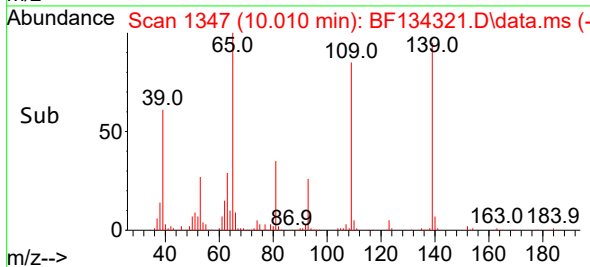
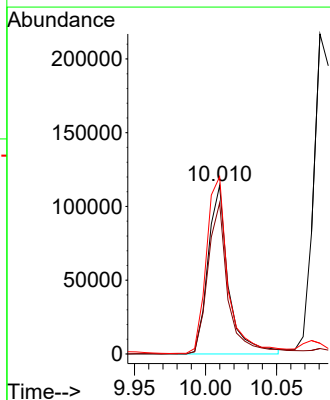
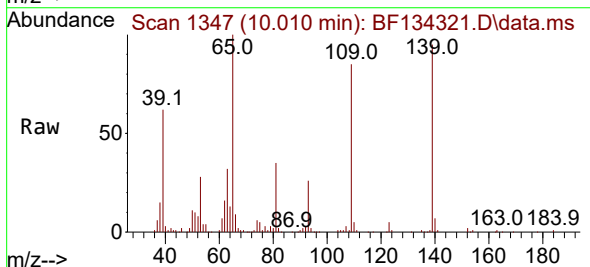
Manual Integrations
APPROVED

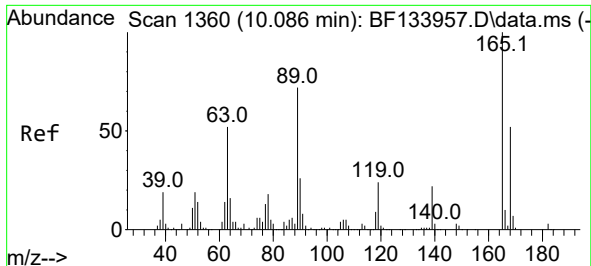
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#56
4-Nitrophenol
Concen: 70.389 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

Tgt Ion:139 Resp: 114641
Ion Ratio Lower Upper
139 100
109 89.7 56.8 96.8
65 105.3 86.1 126.1





#57
2,4-Dinitrotoluene
Concen: 40.093 ng
RT: 10.075 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

Instrument :

BNA_F

ClientSampleId :

VNJ-210MSD

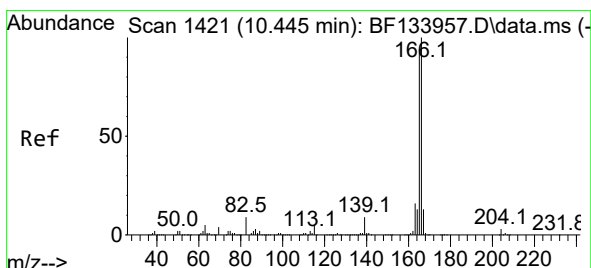
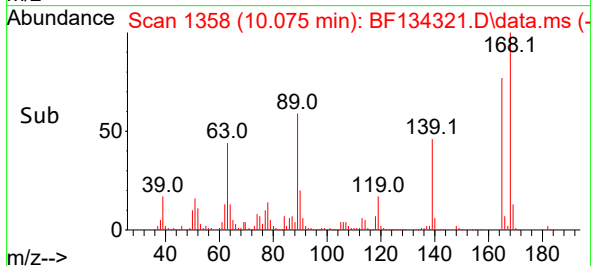
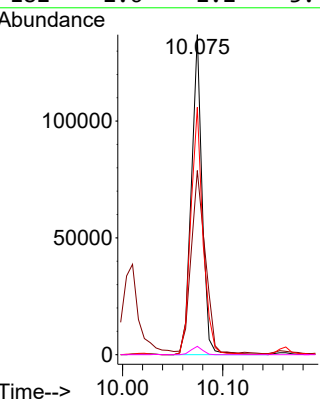
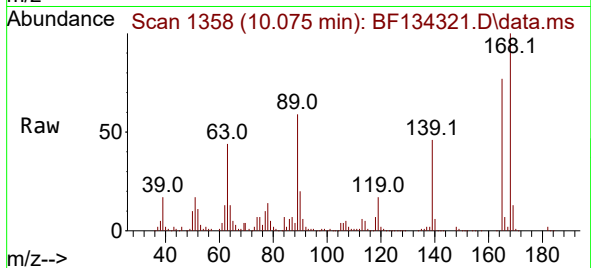
Tgt Ion:165 Resp: 102764
Ion Ratio Lower Upper
165 100
63 57.5 42.2 63.2
89 77.3 57.4 86.2
182 2.6 2.2 3.4

Manual Integrations

APPROVED

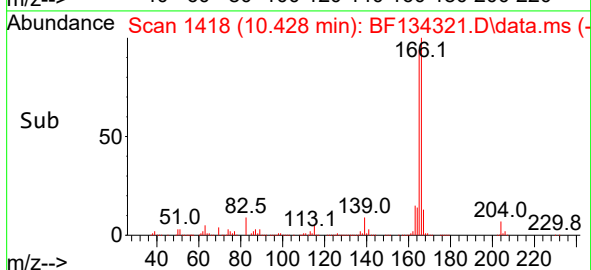
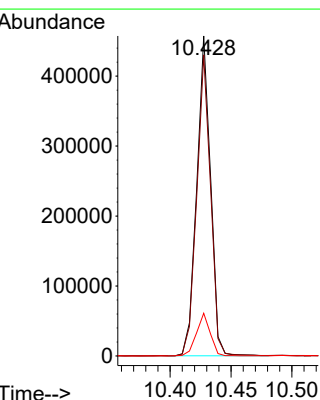
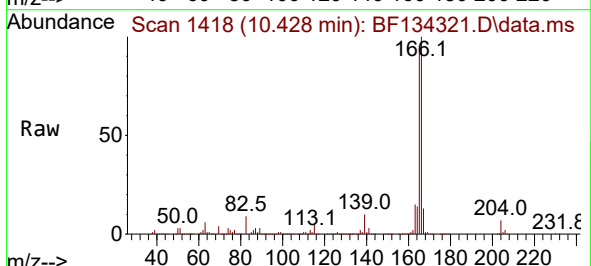
Reviewed By :Yogesh Patel 07/19/2023

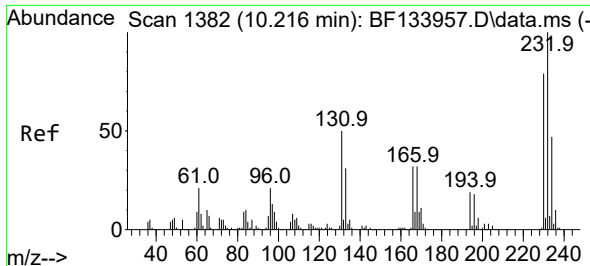
Supervised By :mohammad ahmed 07/19/2023



#58
Fluorene
Concen: 41.196 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

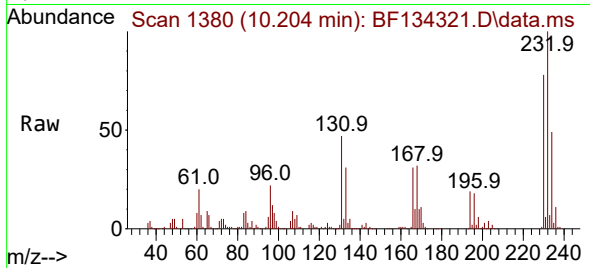
Tgt Ion:166 Resp: 361739
Ion Ratio Lower Upper
166 100
165 94.1 75.0 112.4
167 13.4 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.383 ng
RT: 10.204 min Scan# 1380
Delta R.T. -0.006 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

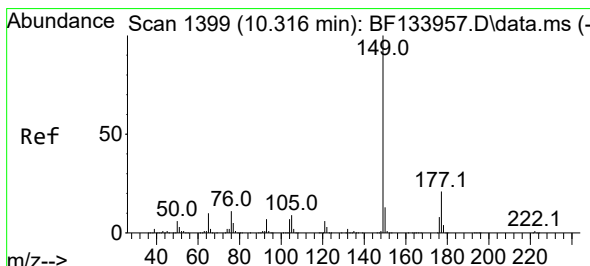
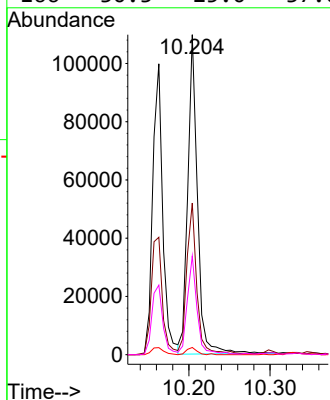
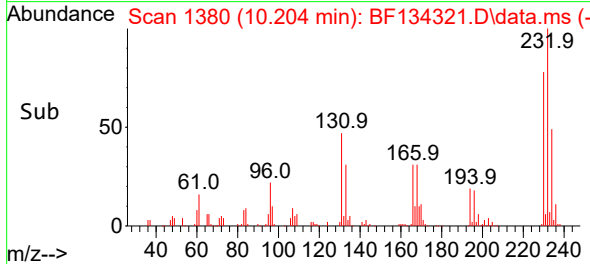
Instrument :
BNA_F
ClientSampleId :
VNJ-210MSD



Tgt Ion:232 Resp: 9148
Ion Ratio Lower Upper
232 100
131 48.0 39.3 58.9
130 2.5 1.8 2.6
166 30.3 25.0 37.6

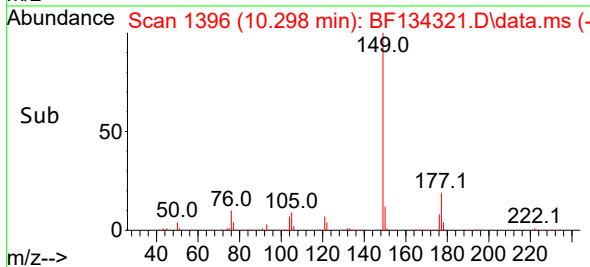
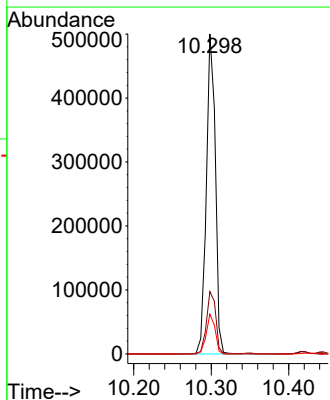
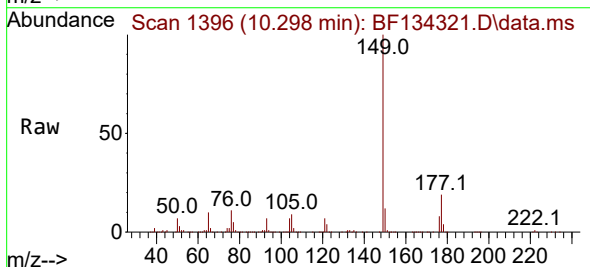
Manual Integrations
APPROVED

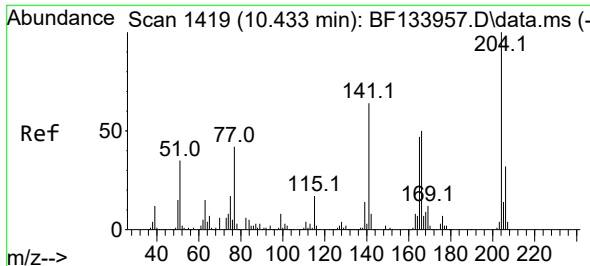
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#60
Diethylphthalate
Concen: 43.067 ng
RT: 10.298 min Scan# 1396
Delta R.T. -0.006 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

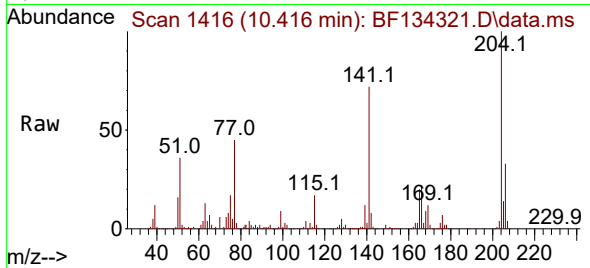
Tgt Ion:149 Resp: 404321
Ion Ratio Lower Upper
149 100
177 19.5 17.0 25.6
150 12.4 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 42.359 ng
RT: 10.416 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

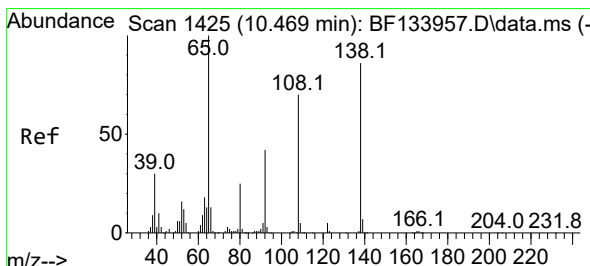
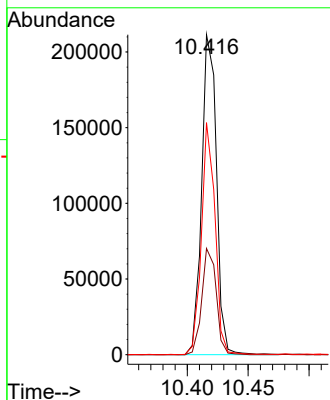
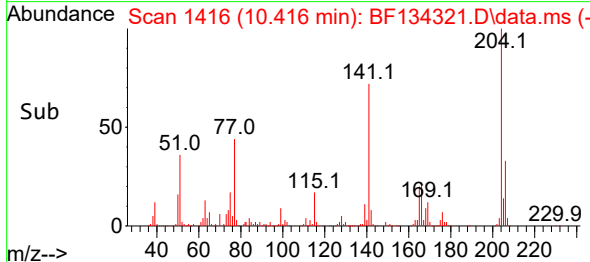
Instrument :
BNA_F
ClientSampleId :
VNJ-210MSD



Tgt Ion:204 Resp: 179249
Ion Ratio Lower Upper
204 100
206 33.2 25.8 38.6
141 72.5 51.5 77.3

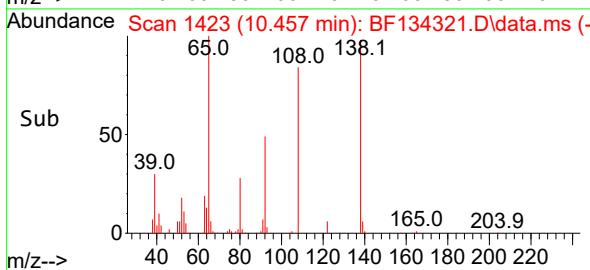
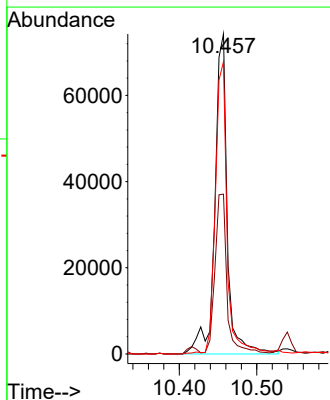
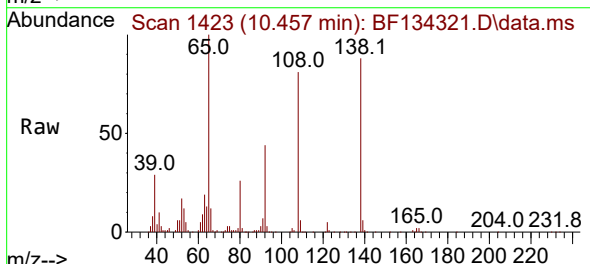
Manual Integrations
APPROVED

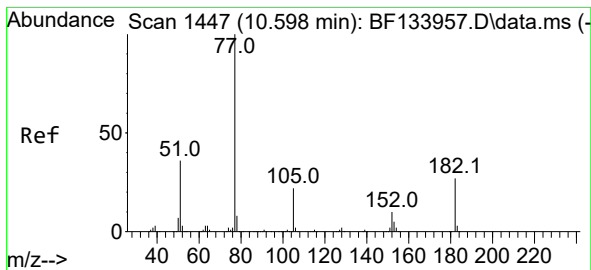
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#62
4-Nitroaniline
Concen: 35.414 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

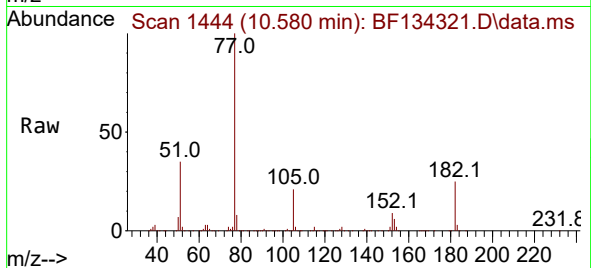
Tgt Ion:138 Resp: 83100
Ion Ratio Lower Upper
138 100
92 49.9 29.7 69.7
108 91.3 62.1 102.1





#63
Azobenzene
Concen: 39.163 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

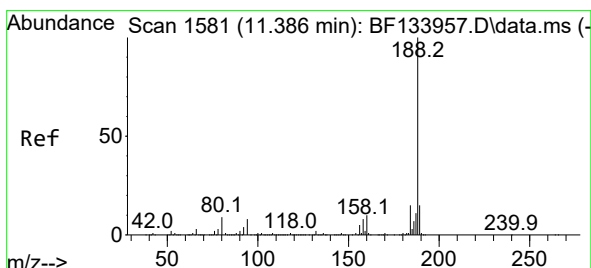
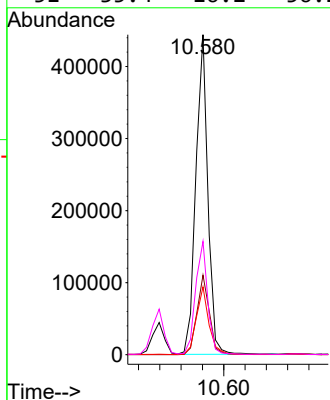
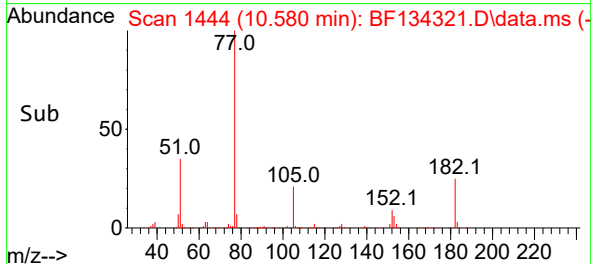
Instrument :
BNA_F
ClientSampleId :
VNJ-210MSD



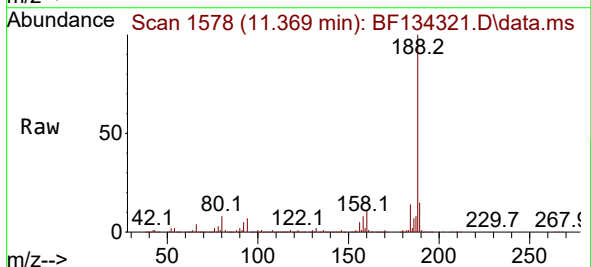
Tgt Ion: 77 Resp: 347789
Ion Ratio Lower Upper
77 100
182 24.8 6.8 46.8
105 21.2 2.3 42.3
51 35.4 16.2 56.2

Manual Integrations
APPROVED

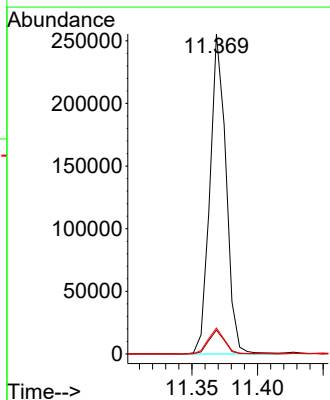
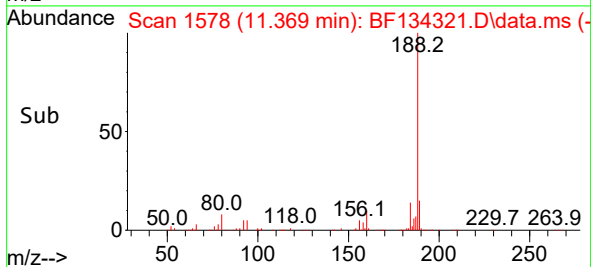
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

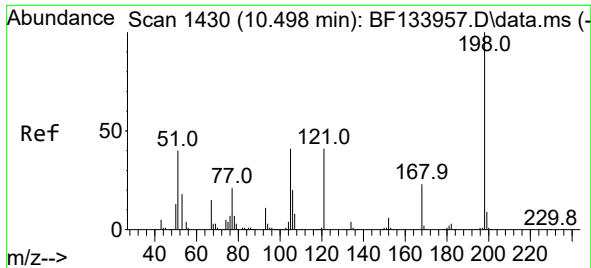


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10



Tgt Ion:188 Resp: 218864
Ion Ratio Lower Upper
188 100
94 7.4 6.4 9.6
80 8.1 7.3 10.9





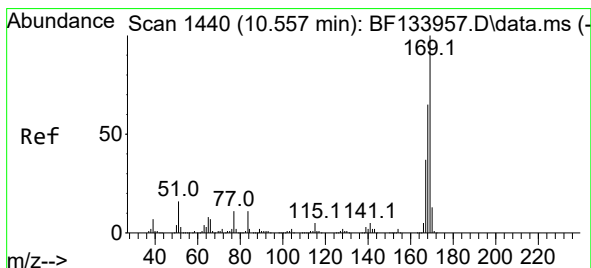
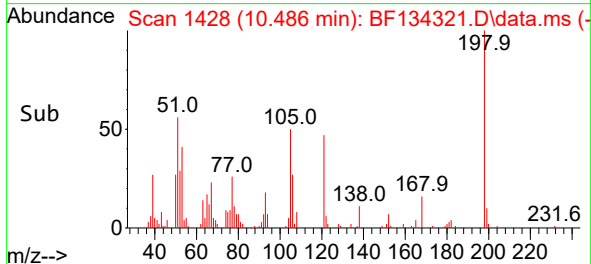
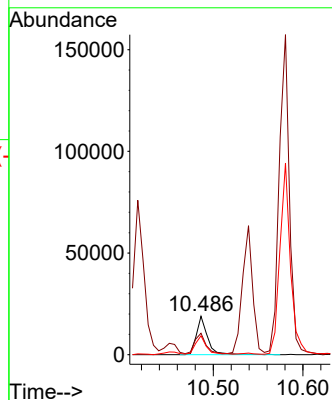
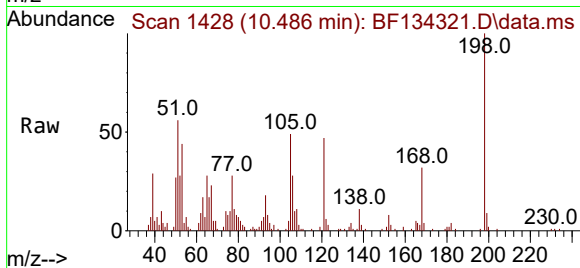
#65
4,6-Dinitro-2-methylphenol
Concen: 13.512 ng
RT: 10.486 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

Instrument :
BNA_F
ClientSampleId :
VNJ-210MSD

Tgt Ion:198 Resp: 1612
Ion Ratio Lower Upper
198 100
51 56.1 29.3 69.3
105 49.2 22.4 62.4

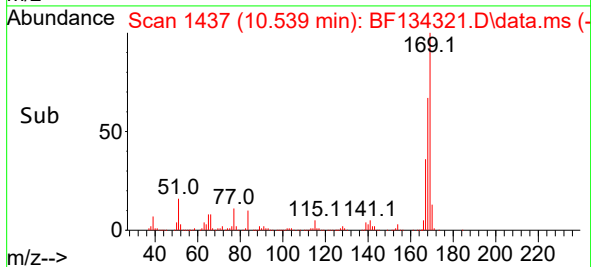
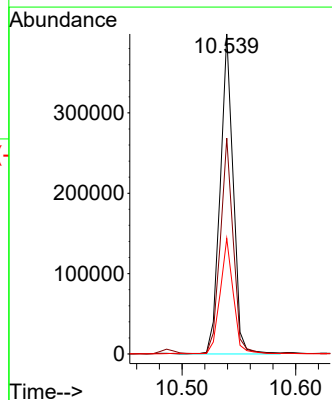
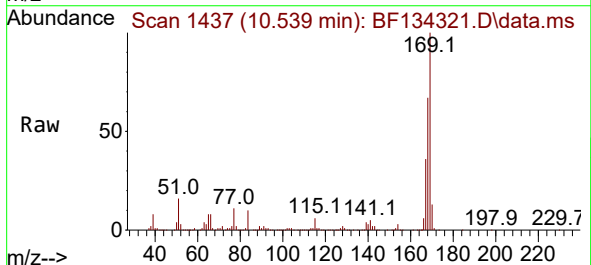
Manual Integrations
APPROVED

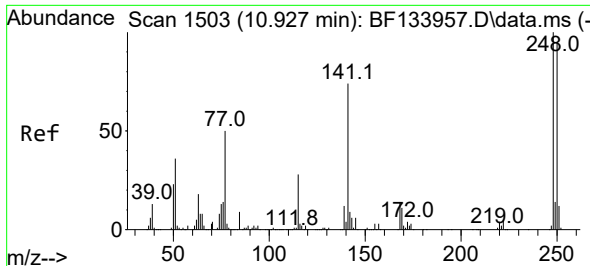
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#66
n-Nitrosodiphenylamine
Concen: 45.502 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

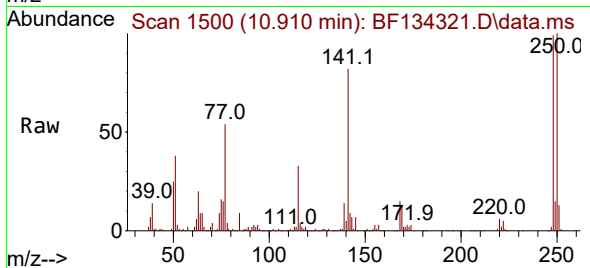
Tgt Ion:169 Resp: 318182
Ion Ratio Lower Upper
169 100
168 67.5 52.3 78.5
167 36.1 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 44.610 ng
RT: 10.910 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

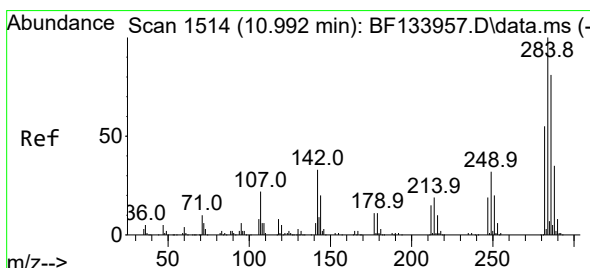
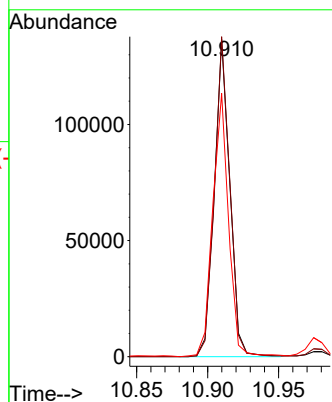
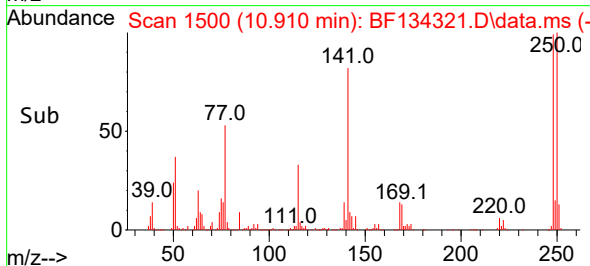
Instrument :
BNA_F
ClientSampleId :
VNJ-210MSD



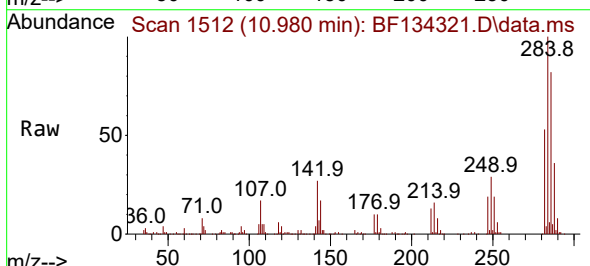
Tgt Ion:248 Resp: 103774
Ion Ratio Lower Upper
248 100
250 100.8 76.2 114.4
141 83.0 59.0 88.4

Manual Integrations
APPROVED

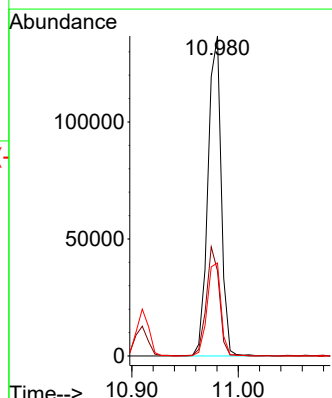
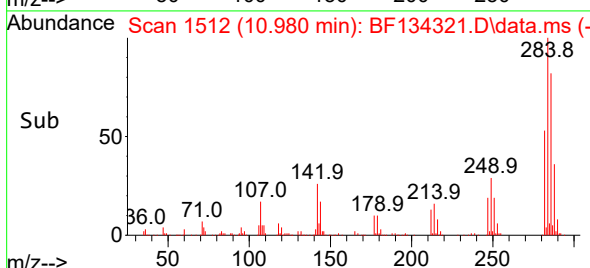
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

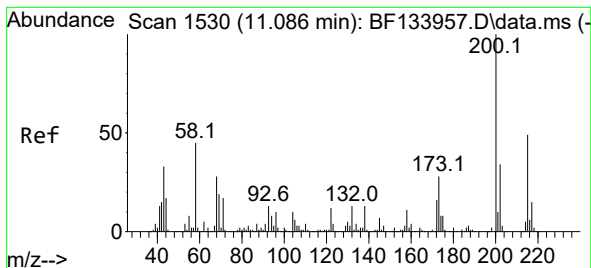


#68
Hexachlorobenzene
Concen: 47.951 ng
RT: 10.980 min Scan# 1512
Delta R.T. -0.006 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10



Tgt Ion:284 Resp: 118435
Ion Ratio Lower Upper
284 100
142 26.6 26.6 40.0#
249 29.1 25.5 38.3





#69

Atrazine

Concen: 51.217 ng

RT: 11.069 min Scan# 1527

Delta R.T. -0.006 min

Lab File: BF134321.D

Acq: 17 Jul 2023 18:10

Instrument :

BNA_F

ClientSampleId :

VNJ-210MSD

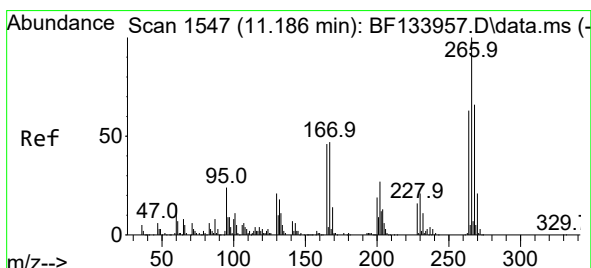
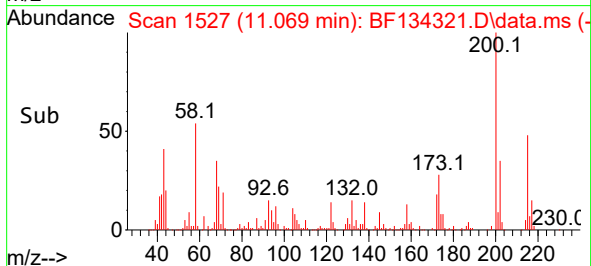
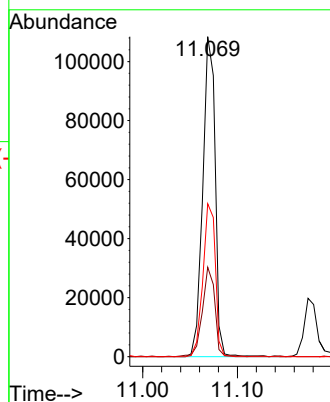
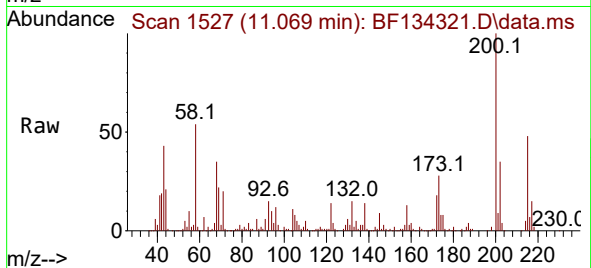
Tgt Ion:	200	Resp:	99060
Ion Ratio	Lower	Upper	
200	100		
173	28.0	8.0	48.0
215	47.8	29.3	69.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/19/2023

Supervised By :mohammad ahmed 07/19/2023



#70

Pentachlorophenol

Concen: 69.717 ng

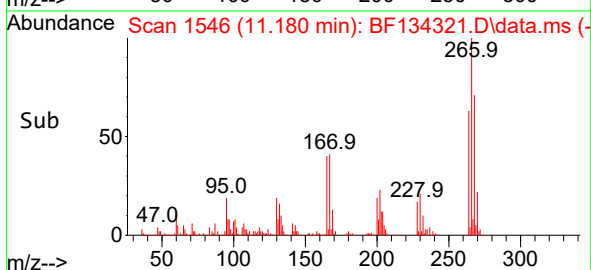
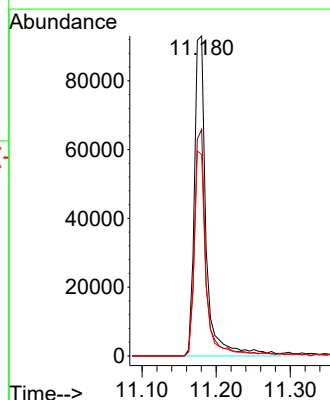
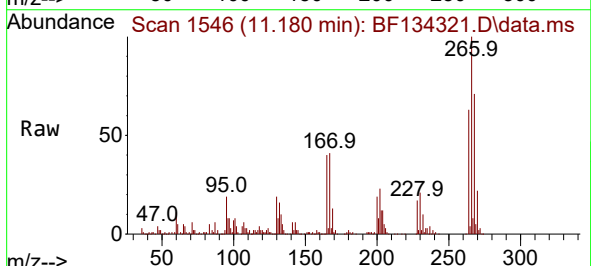
RT: 11.180 min Scan# 1546

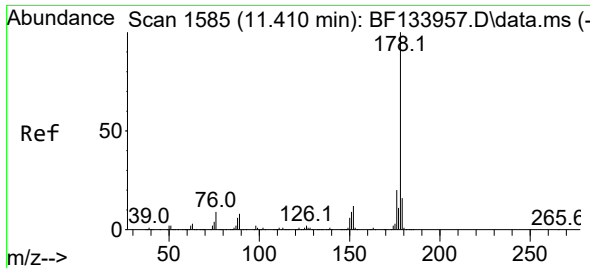
Delta R.T. 0.000 min

Lab File: BF134321.D

Acq: 17 Jul 2023 18:10

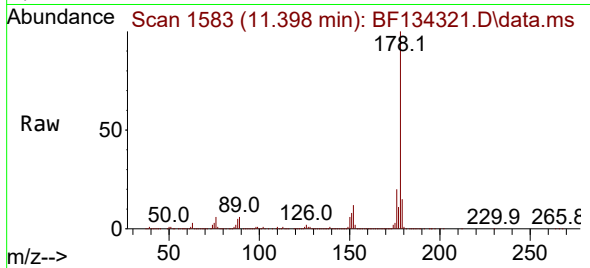
Tgt Ion:	266	Resp:	102960
Ion Ratio	Lower	Upper	
266	100		
268	70.8	52.6	79.0
264	62.9	50.6	76.0





#71
Phenanthrene
Concen: 44.331 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

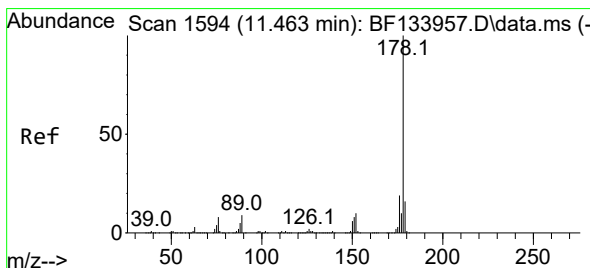
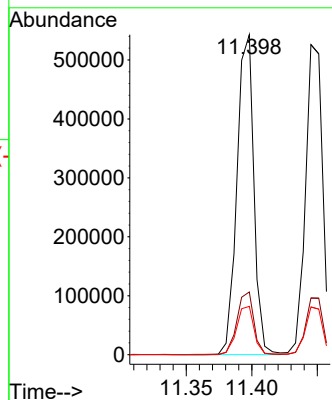
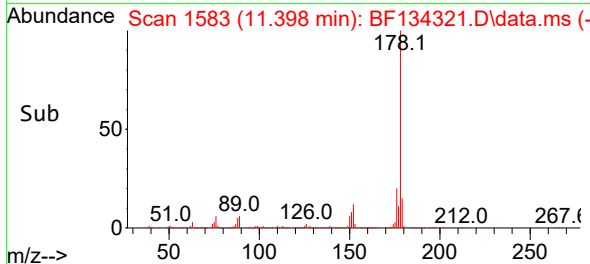
Instrument :
BNA_F
ClientSampleId :
VNJ-210MSD



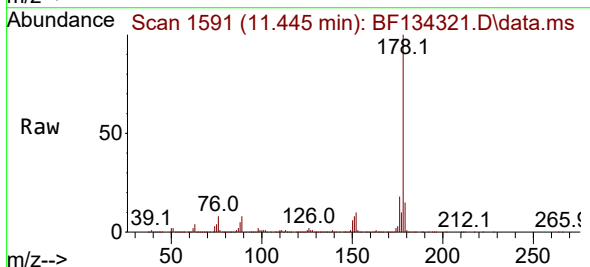
Tgt Ion:178 Resp: 48843
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 15.1 12.4 18.6

Manual Integrations
APPROVED

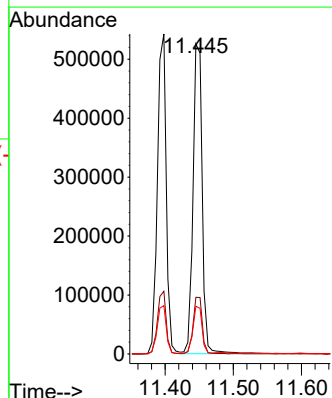
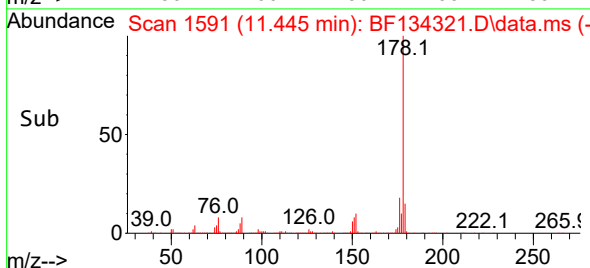
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

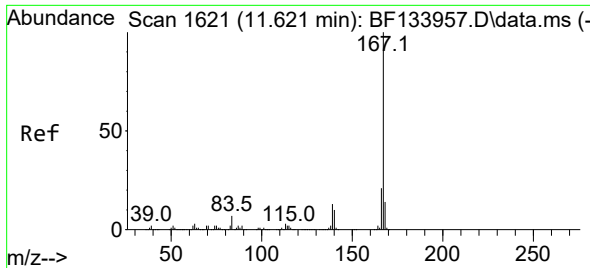


#72
Anthracene
Concen: 42.518 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.012 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10



Tgt Ion:178 Resp: 487256
Ion Ratio Lower Upper
178 100
176 18.3 15.3 22.9
179 15.4 12.4 18.6





#73
 Carbazole
 Concen: 41.673 ng
 RT: 11.604 min Scan# 1618
 Delta R.T. -0.012 min
 Lab File: BF134321.D
 Acq: 17 Jul 2023 18:10

Instrument :

BNA_F

ClientSampleId :

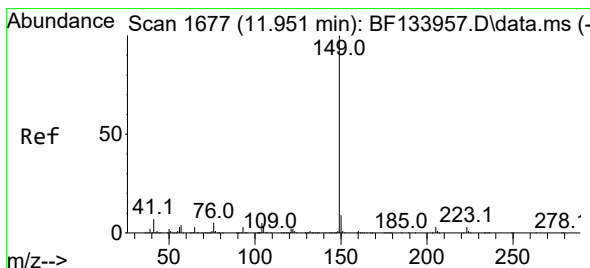
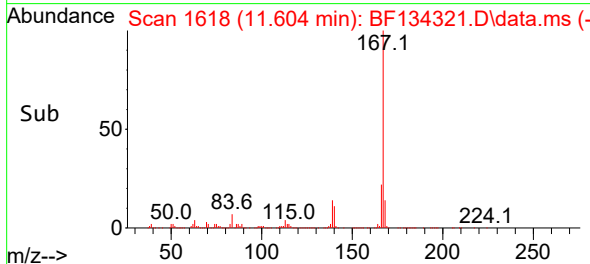
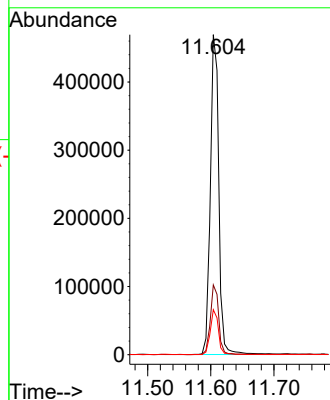
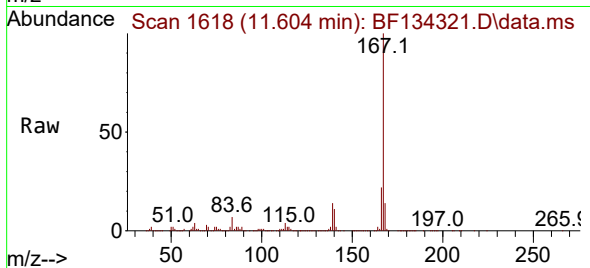
VNJ-210MSD

Tgt Ion:167 Resp: 437125
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.0 25.6
 139 14.0 10.4 15.6

Manual Integrations

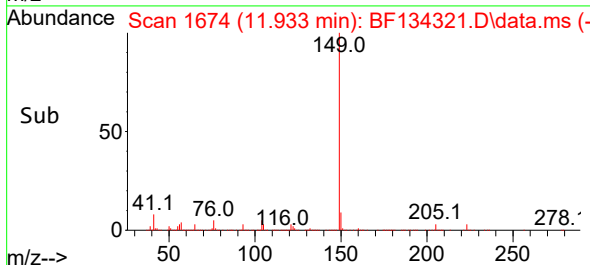
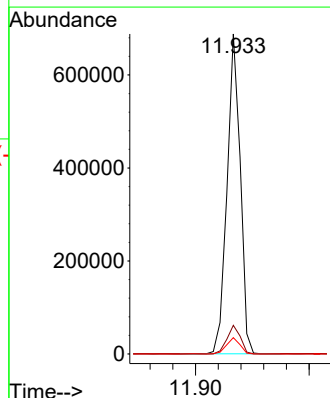
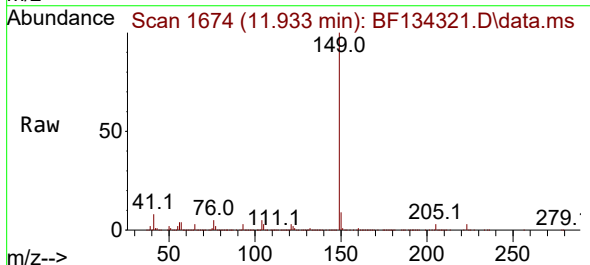
APPROVED

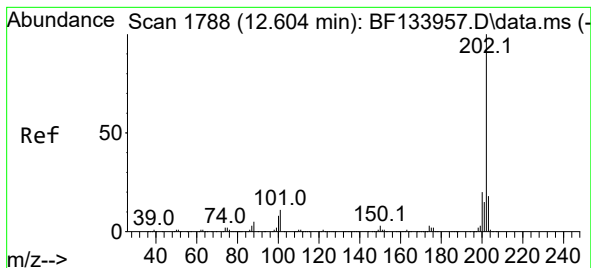
Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



#74
 Di-n-butylphthalate
 Concen: 44.491 ng
 RT: 11.933 min Scan# 1674
 Delta R.T. -0.006 min
 Lab File: BF134321.D
 Acq: 17 Jul 2023 18:10

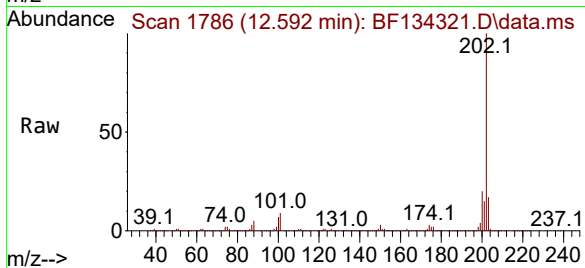
Tgt Ion:149 Resp: 554980
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.1 10.7
 104 5.1 4.0 6.0





#75
Fluoranthene
Concen: 47.926 ng
RT: 12.592 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

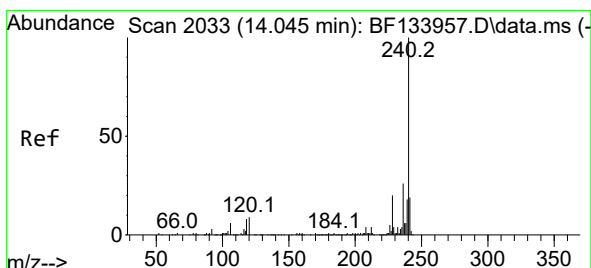
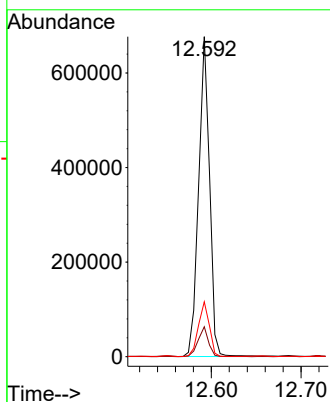
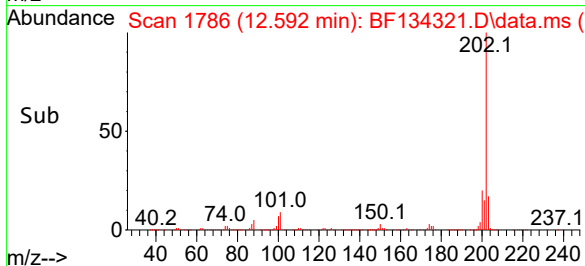
Instrument :
BNA_F
ClientSampleId :
VNJ-210MSD



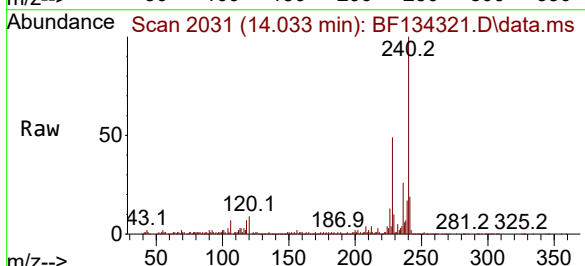
Tgt Ion:202 Resp: 57086
Ion Ratio Lower Upper
202 100
101 9.3 0.0 31.0
203 17.1 0.0 37.6

Manual Integrations
APPROVED

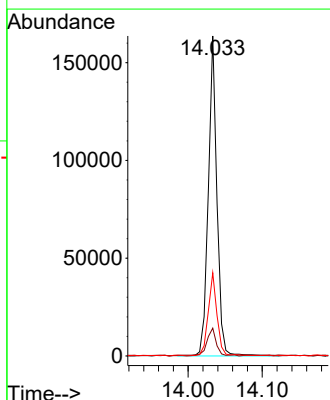
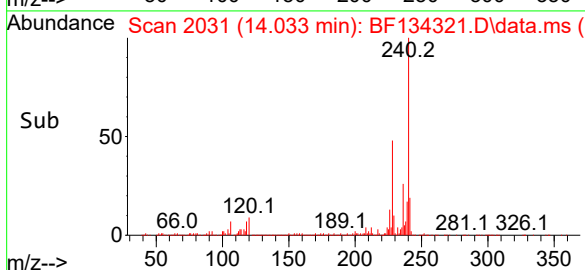
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

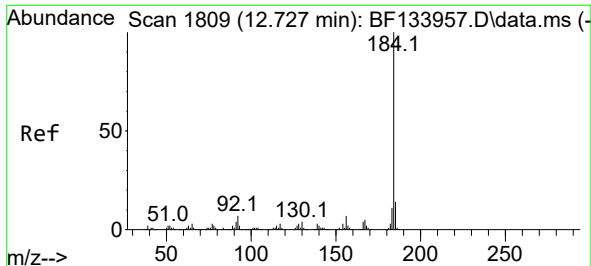


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10



Tgt Ion:240 Resp: 132885
Ion Ratio Lower Upper
240 100
120 8.7 7.4 11.0
236 26.0 21.0 31.6





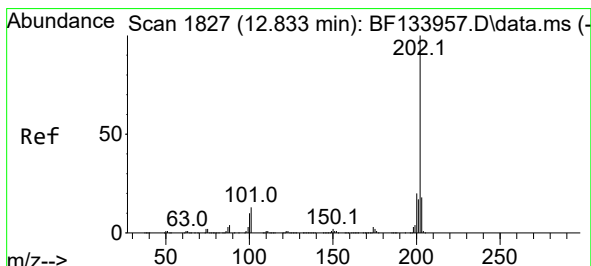
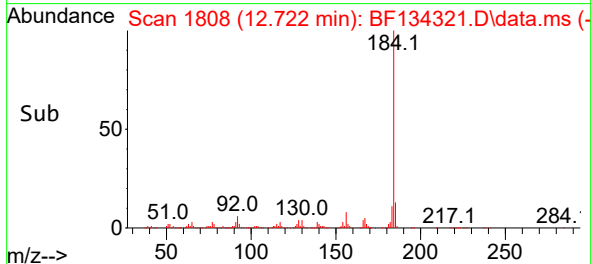
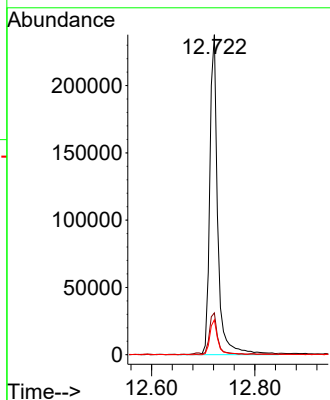
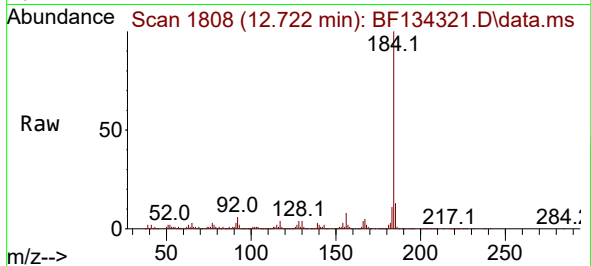
#77
Benzidine
Concen: 80.565 ng
RT: 12.722 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

Instrument :
BNA_F
ClientSampleId :
VNJ-210MSD

Tgt Ion:184 Resp: 254740
Ion Ratio Lower Upper
184 100
185 13.1 11.6 17.4
183 10.9 8.8 13.2

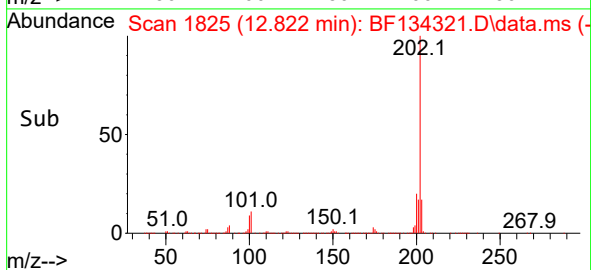
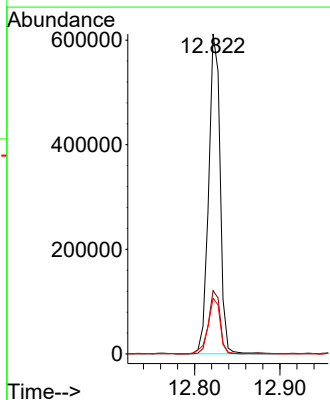
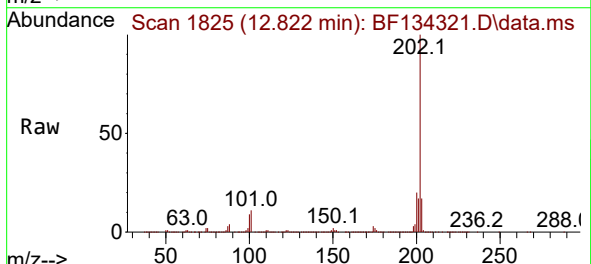
Manual Integrations
APPROVED

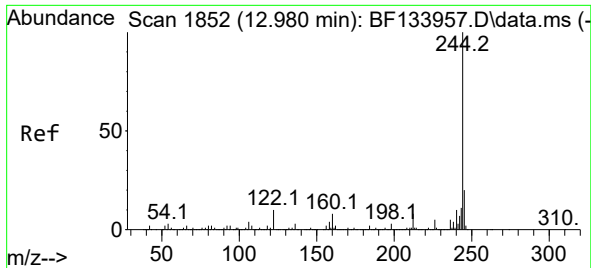
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#78
Pyrene
Concen: 46.078 ng
RT: 12.822 min Scan# 1825
Delta R.T. -0.012 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

Tgt Ion:202 Resp: 569839
Ion Ratio Lower Upper
202 100
200 19.8 16.1 24.1
203 17.4 14.3 21.5





#79
Terphenyl-d14
Concen: 65.622 ng
RT: 12.963 min Scan# 1849
Delta R.T. -0.012 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

Instrument :

BNA_F

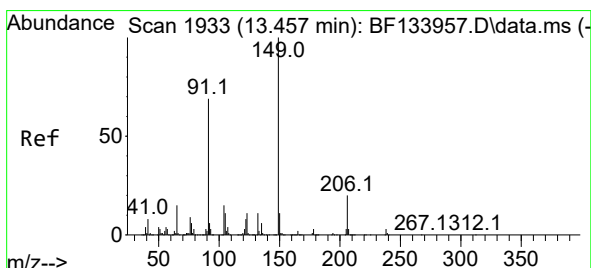
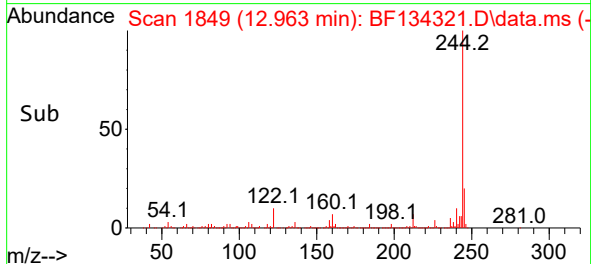
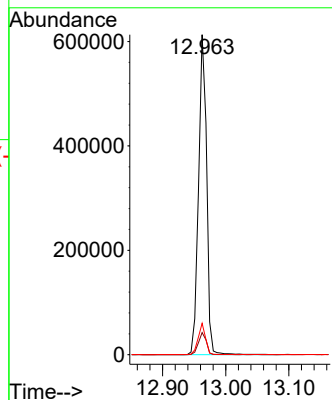
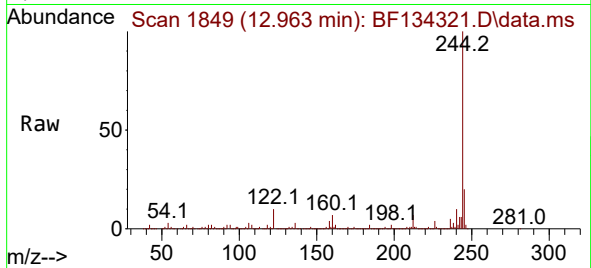
ClientSampleId :

VNJ-210MSD

Tgt Ion:244 Resp: 54182
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 9.8 8.3 12.5

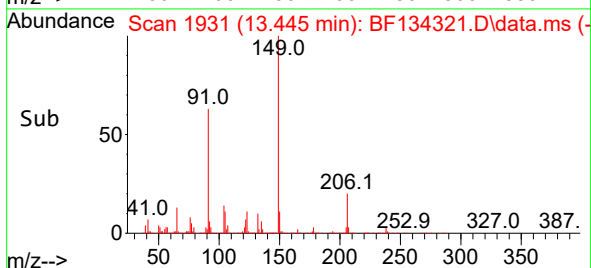
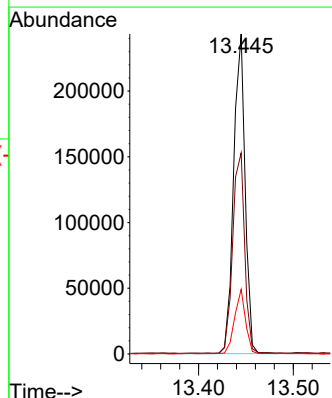
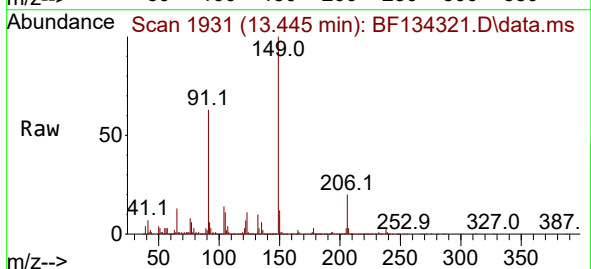
Manual Integrations
APPROVED

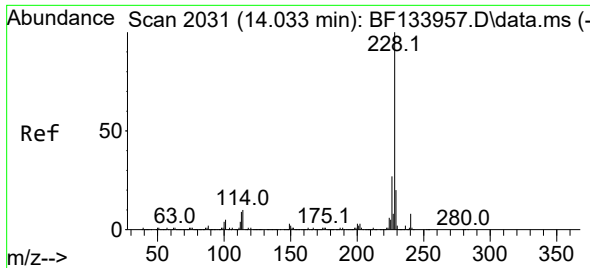
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#80
Butylbenzylphthalate
Concen: 44.236 ng
RT: 13.445 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

Tgt Ion:149 Resp: 205174
Ion Ratio Lower Upper
149 100
91 62.9 55.1 82.7
206 20.2 15.7 23.5





#81
Benzo(a)anthracene
Concen: 45.647 ng
RT: 14.021 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

Instrument :

BNA_F

ClientSampleId :

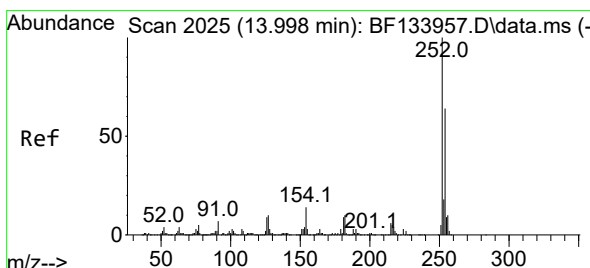
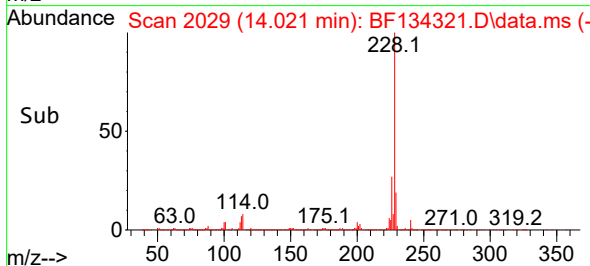
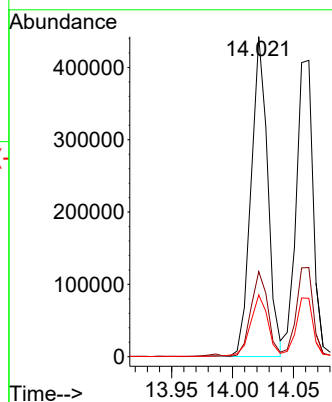
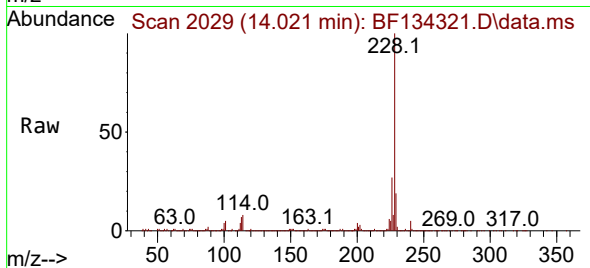
VNJ-210MSD

Tgt Ion:228 Resp: 420675
Ion Ratio Lower Upper
228 100
226 26.6 22.0 33.0
229 19.3 16.3 24.5

Manual Integrations

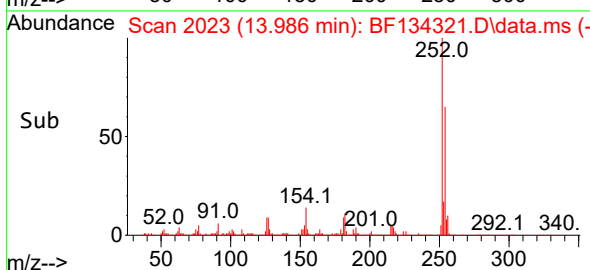
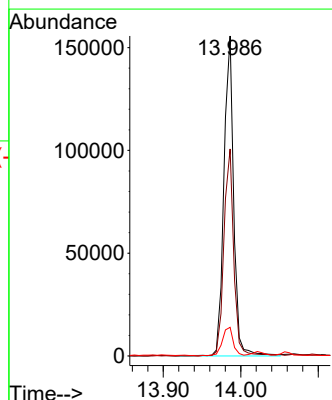
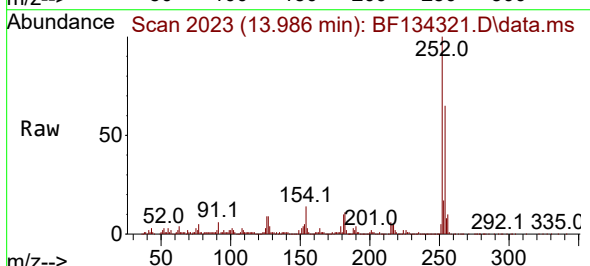
APPROVED

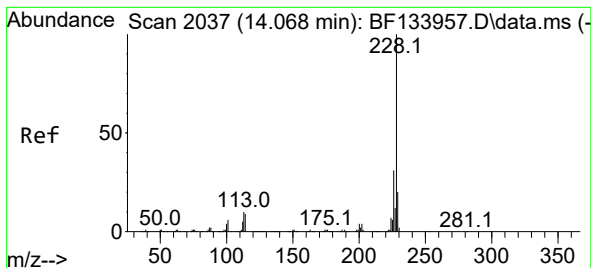
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#82
3,3'-Dichlorobenzidine
Concen: 46.787 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

Tgt Ion:252 Resp: 136607
Ion Ratio Lower Upper
252 100
254 64.7 51.4 77.0
126 9.0 7.4 11.2





#83

Chrysene

Concen: 44.542 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF134321.D

Acq: 17 Jul 2023 18:10

Instrument :

BNA_F

ClientSampleId :

VNJ-210MSD

Tgt Ion:228 Resp: 39758

Ion Ratio Lower Upper

228 100

226 30.1 24.4 36.6

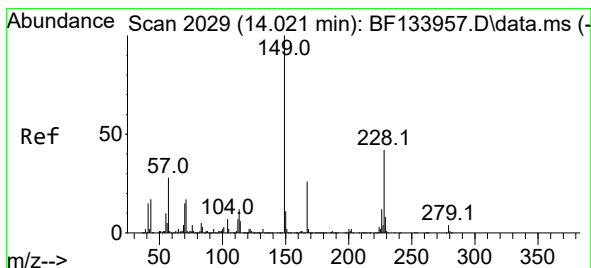
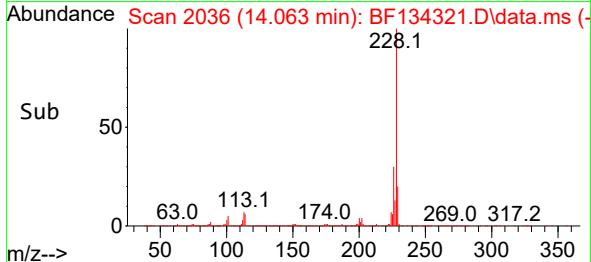
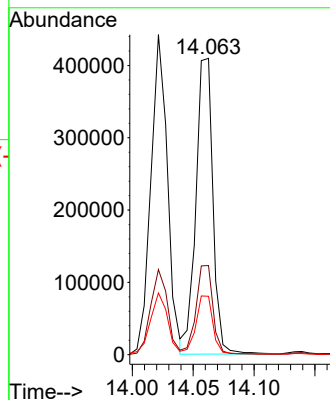
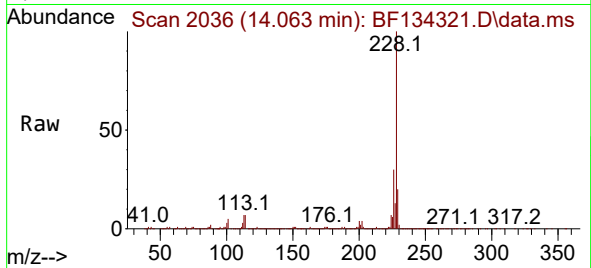
229 19.7 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/19/2023

Supervised By :mohammad ahmed 07/19/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.076 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.012 min

Lab File: BF134321.D

Acq: 17 Jul 2023 18:10

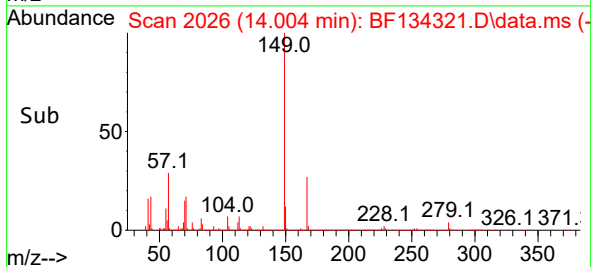
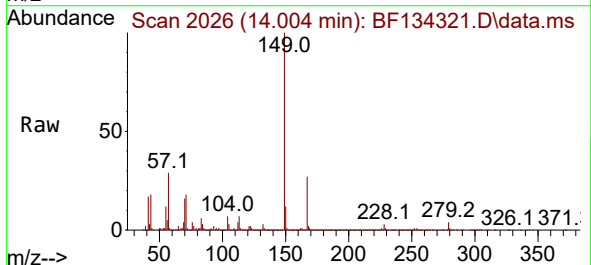
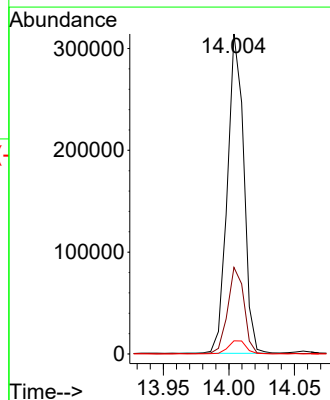
Tgt Ion:149 Resp: 272206

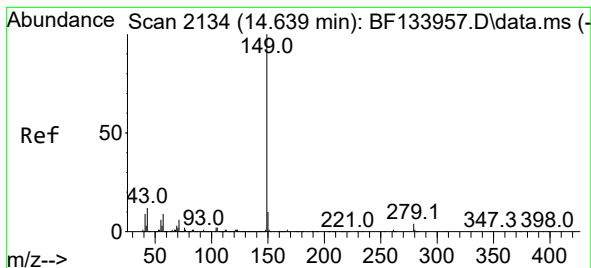
Ion Ratio Lower Upper

149 100

167 27.0 21.0 31.4

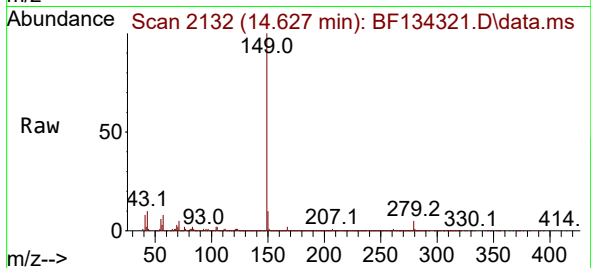
279 4.1 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 51.485 ng
RT: 14.627 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

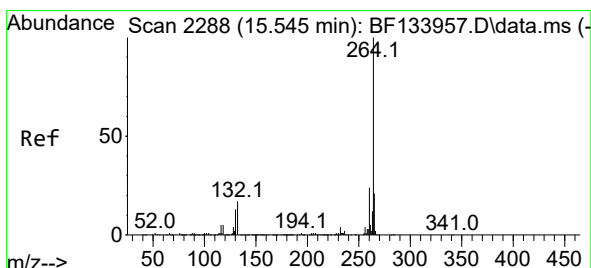
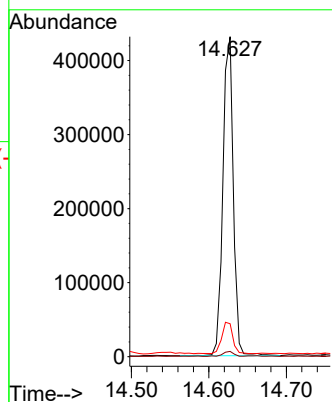
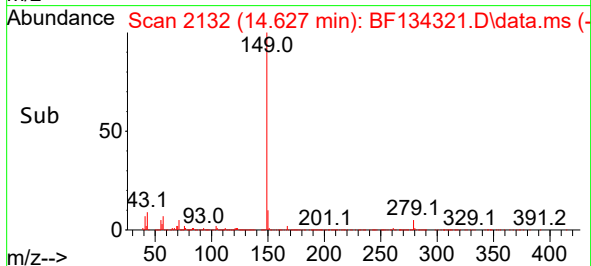
Instrument :
BNA_F
ClientSampleId :
VNJ-210MSD



Tgt Ion:149 Resp: 403174
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.3 9.0 13.4

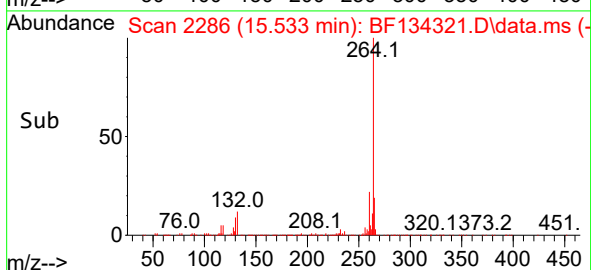
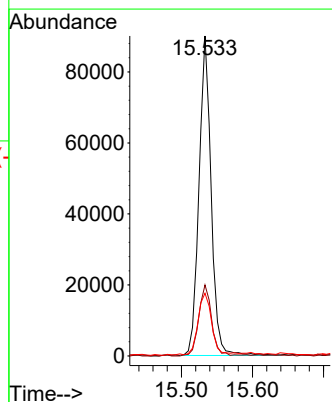
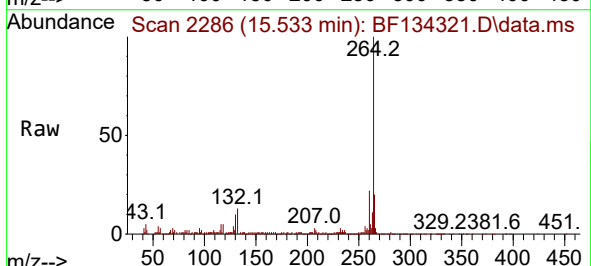
Manual Integrations
APPROVED

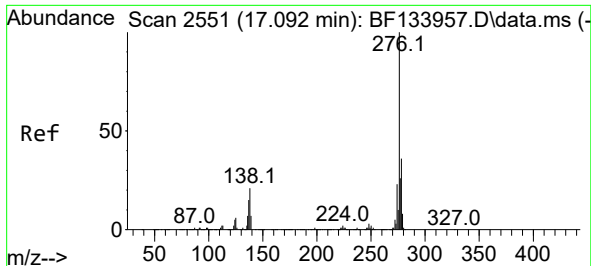
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2286
Delta R.T. -0.012 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

Tgt Ion:264 Resp: 107311
Ion Ratio Lower Upper
264 100
260 22.2 19.5 29.3
265 19.6 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 39.382 ng
RT: 17.080 min Scan# 2551
Delta R.T. -0.018 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

Instrument :

BNA_F

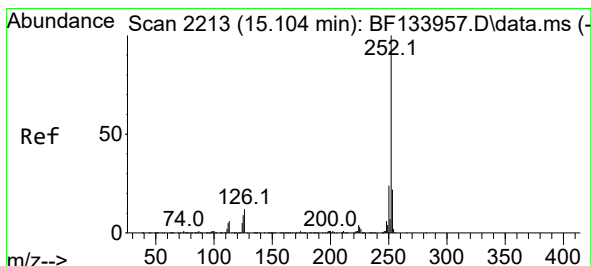
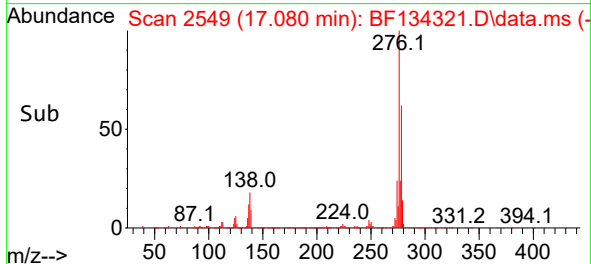
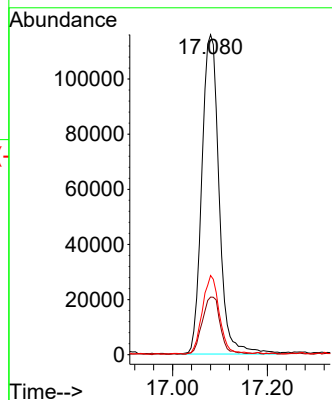
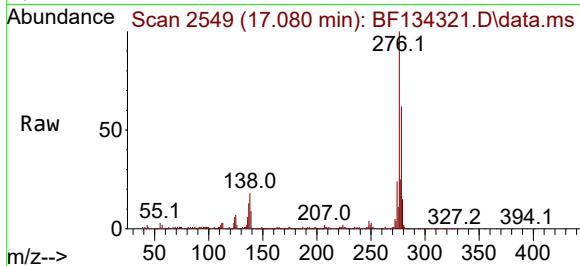
ClientSampleId :

VNJ-210MSD

Tgt Ion:276 Resp: 293250
Ion Ratio Lower Upper
276 100
138 18.6 18.7 28.1
277 24.0 19.9 29.9

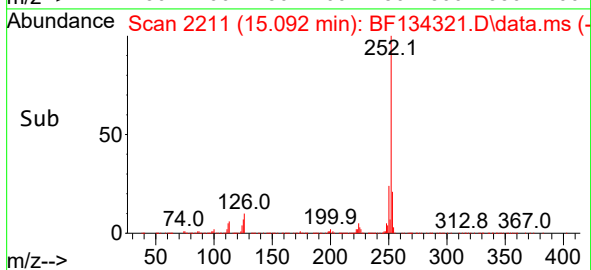
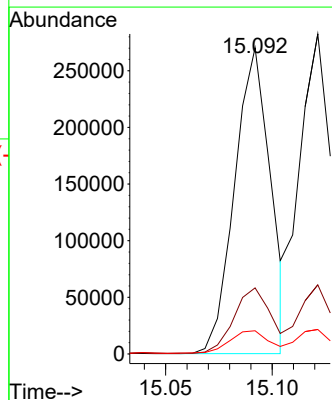
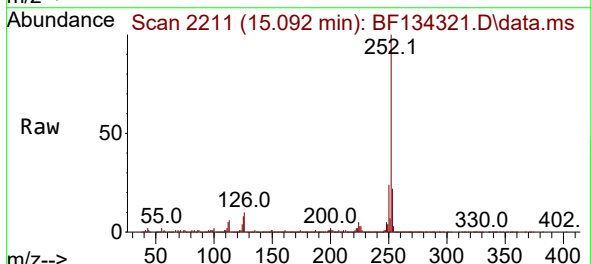
Manual Integrations
APPROVED

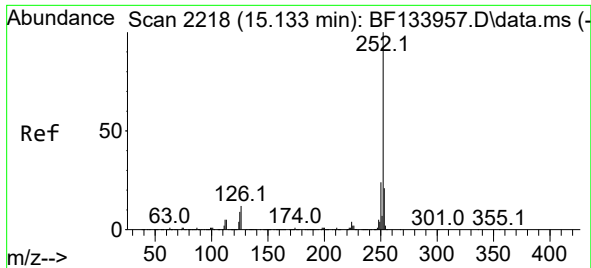
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#88
Benzo(b)fluoranthene
Concen: 50.069 ng
RT: 15.092 min Scan# 2211
Delta R.T. -0.012 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

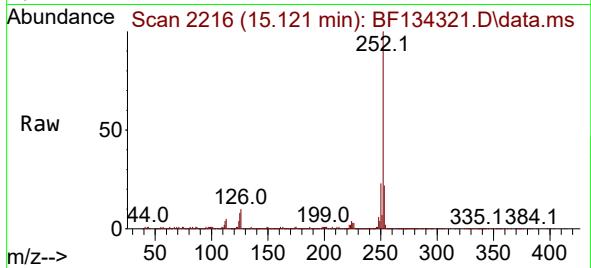
Tgt Ion:252 Resp: 315937
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 7.6 7.1 10.7





#89
Benzo(k)fluoranthene
Concen: 46.307 ng
RT: 15.121 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

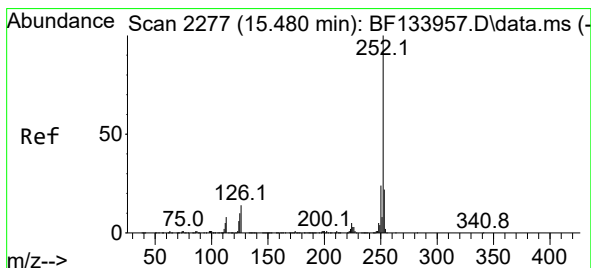
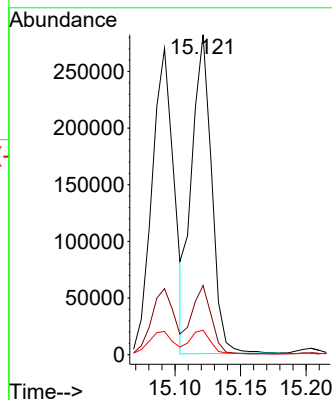
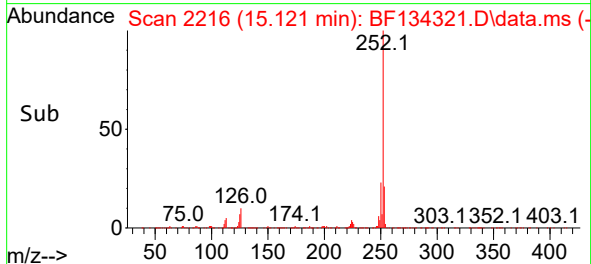
Instrument :
BNA_F
ClientSampleId :
VNJ-210MSD



Tgt Ion:252 Resp: 297498
Ion Ratio Lower Upper
252 100
253 21.6 16.9 25.3
125 7.6 7.4 11.2

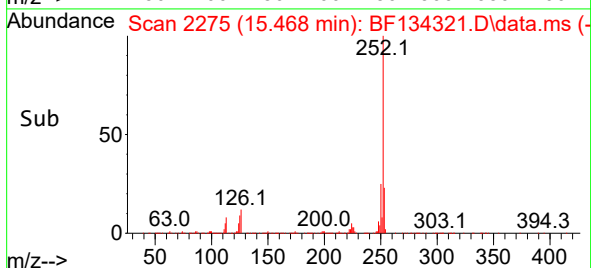
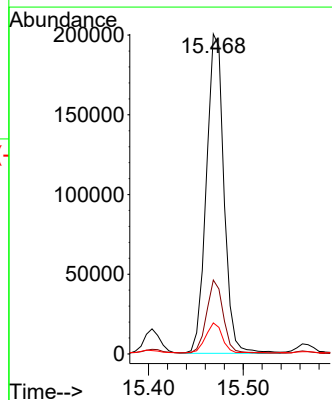
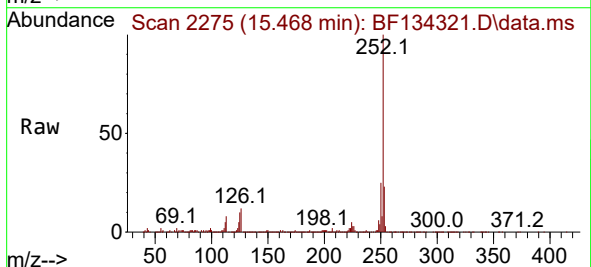
Manual Integrations
APPROVED

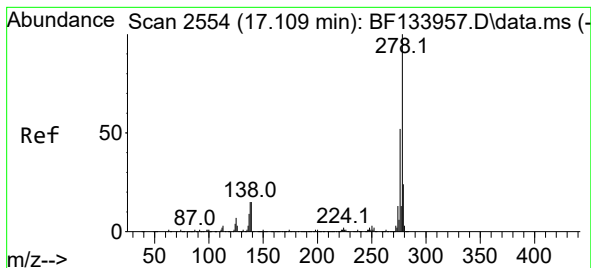
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#90
Benzo(a)pyrene
Concen: 42.330 ng
RT: 15.468 min Scan# 2275
Delta R.T. -0.012 min
Lab File: BF134321.D
Acq: 17 Jul 2023 18:10

Tgt Ion:252 Resp: 258282
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.0
125 9.7 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 37.354 ng

RT: 17.092 min Scan# 2

Delta R.T. -0.018 min

Lab File: BF134321.D

Acq: 17 Jul 2023 18:10

Instrument :

BNA_F

ClientSampleId :

VNJ-210MSD

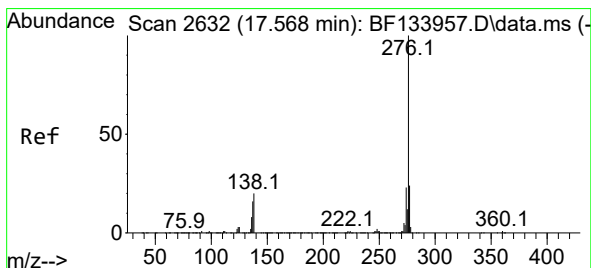
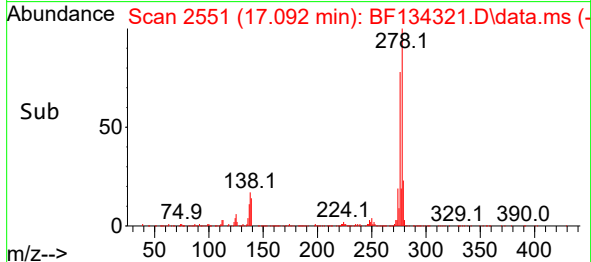
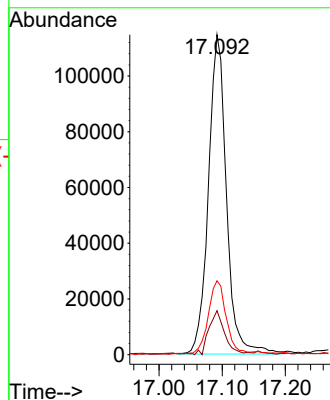
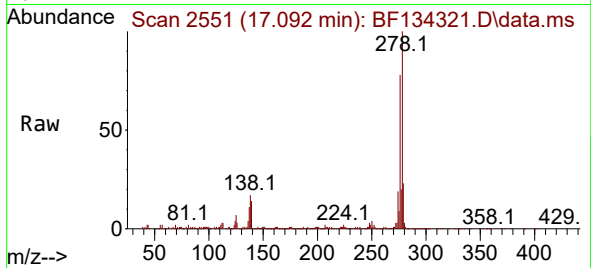
Tgt Ion:	278	Resp:	227190
Ion Ratio	Lower	Upper	
278	100		
139	13.8	12.2	18.4
279	23.1	19.4	29.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/19/2023

Supervised By :mohammad ahmed 07/19/2023



#92

Benzo(g,h,i)perylene

Concen: 35.713 ng

RT: 17.545 min Scan# 2628

Delta R.T. -0.023 min

Lab File: BF134321.D

Acq: 17 Jul 2023 18:10

Tgt Ion:	276	Resp:	223994
Ion Ratio	Lower	Upper	
276	100		
277	24.5	19.0	28.6
138	16.9	16.2	24.2

