

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070324\
 Data File : BF138450.D
 Acq On : 03 Jul 2024 17:10
 Operator : CG\JU
 Sample : P3134-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-238MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 03 17:46:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	125393	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	473065	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	228852	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	294704	20.000	ng	0.00
76) Chrysene-d12	14.033	240	212342	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	171098	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	944743	124.914	ng	0.01
7) Phenol-d6	6.516	99	1245209	122.220	ng	0.00
23) Nitrobenzene-d5	7.439	82	822561	90.326	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	206215	110.290	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1300018	90.404	ng	0.00
79) Terphenyl-d14	12.974	244	953000	61.505	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	147039	41.275	ng	98
3) Pyridine	3.498	79	384313	45.220	ng	92
4) n-Nitrosodimethylamine	3.451	42	293715	55.396	ng	90
6) Aniline	6.539	93	213337	21.457	ng	98
8) 2-Chlorophenol	6.663	128	418791	51.580	ng	97
9) Benzaldehyde	6.422	77	77405	12.309	ng	99
10) Phenol	6.528	94	520566	47.958	ng	100
11) bis(2-Chloroethyl)ether	6.610	93	417681	48.994	ng	98
12) 1,3-Dichlorobenzene	6.816	146	438313	47.141	ng	98
13) 1,4-Dichlorobenzene	6.892	146	442526	47.466	ng	99
14) 1,2-Dichlorobenzene	7.039	146	420119	48.813	ng	97
15) Benzyl Alcohol	7.022	79	395604	54.212	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	838169	48.744	ng	97
17) 2-Methylphenol	7.133	107	323103	48.017	ng	93
18) Hexachloroethane	7.386	117	163816	48.715	ng	94
19) n-Nitroso-di-n-propyla...	7.292	70	312782	48.698	ng	98
20) 3+4-Methylphenols	7.286	107	393171	50.288	ng	98
22) Acetophenone	7.281	105	521405	48.583	ng	100
24) Nitrobenzene	7.457	77	470500	50.797	ng	98
25) Isophorone	7.698	82	854330	50.878	ng	98
26) 2-Nitrophenol	7.775	139	218377	54.661	ng	97
27) 2,4-Dimethylphenol	7.810	122	278817	54.529	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	501889	49.657	ng	98
29) 2,4-Dichlorophenol	8.016	162	327269	49.834	ng	96
30) 1,2,4-Trichlorobenzene	8.092	180	368212	48.222	ng	99
31) Naphthalene	8.180	128	1172130	49.012	ng	99
32) Benzoic acid	7.945	122	223276	47.793	ng	94
33) 4-Chloroaniline	8.222	127	73381	8.786	ng	96
34) Hexachlorobutadiene	8.292	225	220806	48.164	ng	99
35) Caprolactam	8.604	113	92328m	44.521	ng	
36) 4-Chloro-3-methylphenol	8.716	107	340321	48.651	ng	99
37) 2-Methylnaphthalene	8.869	142	731449	47.325	ng	98
38) 1-Methylnaphthalene	8.969	142	670885	44.757	ng	98
40) 1,2,4,5-Tetrachloroben...	9.033	216	310020	48.976	ng	98
41) Hexachlorocyclopentadiene	9.016	237	248353	133.288	ng	97
43) 2,4,6-Trichlorophenol	9.145	196	212614	52.785	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	216290	49.375	ng	96
46) 1,1'-Biphenyl	9.333	154	829743	48.558	ng	98
47) 2-Chloronaphthalene	9.357	162	649406	49.845	ng	98
48) 2-Nitroaniline	9.457	65	227588	54.154	ng	99
49) Acenaphthylene	9.774	152	972871	53.096	ng	99
50) Dimethylphthalate	9.633	163	781001	53.101	ng	100
51) 2,6-Dinitrotoluene	9.698	165	163557	49.652	ng	91
52) Acenaphthene	9.945	154	669063m	53.328	ng	
53) 3-Nitroaniline	9.863	138	96179	29.563	ng	98
54) 2,4-Dinitrophenol	9.969	184	129499	91.501	ng	96
55) Dibenzofuran	10.116	168	842129	48.716	ng	96
56) 4-Nitrophenol	10.033	139	191681	90.870	ng	# 81
57) 2,4-Dinitrotoluene	10.098	165	199766	49.253	ng	96
58) Fluorene	10.457	166	612923	44.623	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	154566	47.505	ng	96
60) Diethylphthalate	10.333	149	698081	50.765	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	312324	44.815	ng	100
62) 4-Nitroaniline	10.480	138	129099	43.233	ng	96
63) Azobenzene	10.610	77	685609	47.210	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	93608	57.954	ng	84
66) n-Nitrosodiphenylamine	10.569	169	522499	57.110	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	169305	53.448	ng	95
68) Hexachlorobenzene	11.004	284	176516	50.557	ng	93
69) Atrazine	11.092	200	145247	56.622	ng	99
70) Pentachlorophenol	11.198	266	183727	103.680	ng	97
71) Phenanthrene	11.421	178	780991	54.278	ng	99
72) Anthracene	11.468	178	766485	53.416	ng	99
73) Carbazole	11.627	167	647389	54.343	ng	98
74) Di-n-butylphthalate	11.951	149	808602	53.559	ng	99
75) Fluoranthene	12.604	202	814496	63.141	ng	98
77) Benzidine	12.727	184	97375	57.348	ng	98
78) Pyrene	12.833	202	827770	36.474	ng	99
80) Butylbenzylphthalate	13.451	149	341186	49.405	ng	98
81) Benzo(a)anthracene	14.021	228	737920	53.991	ng	98
82) 3,3'-Dichlorobenzidine	13.980	252	102730	25.458	ng	99
83) Chrysene	14.057	228	714916	53.756	ng	99
84) Bis(2-ethylhexyl)phtha...	14.009	149	492511	56.868	ng	98
85) Di-n-octyl phthalate	14.621	149	992373	65.464	ng	# 89
87) Indeno(1,2,3-cd)pyrene	16.968	276	473594	55.089	ng	97
88) Benzo(b)fluoranthene	15.074	252	585854	62.408	ng	97
89) Benzo(k)fluoranthene	15.104	252	532030	61.531	ng	99
90) Benzo(a)pyrene	15.439	252	472029	57.367	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	379362	54.668	ng	98
92) Benzo(g,h,i)perylene	17.415	276	368181	54.235	ng	97

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

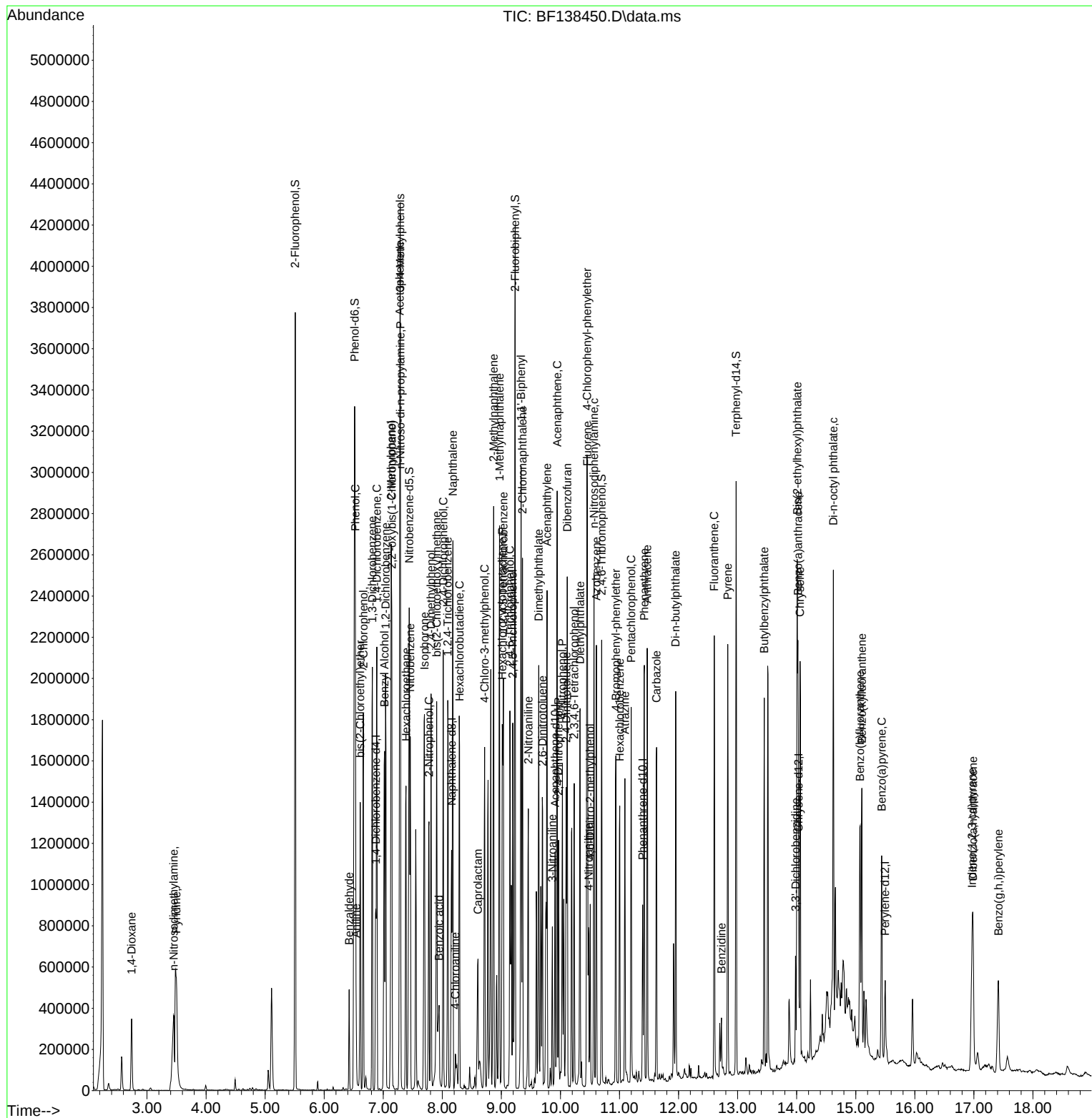
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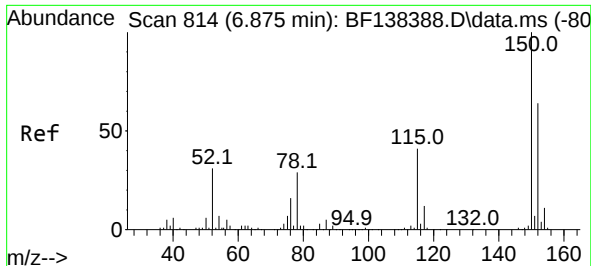
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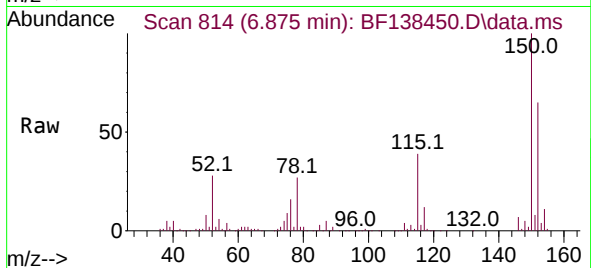
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

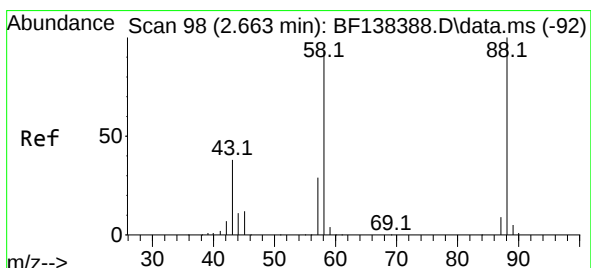
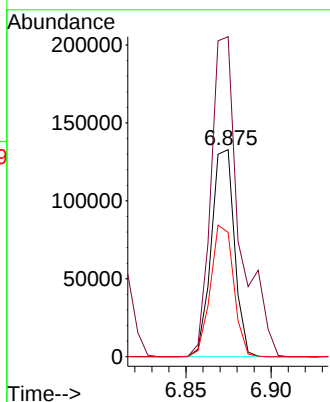
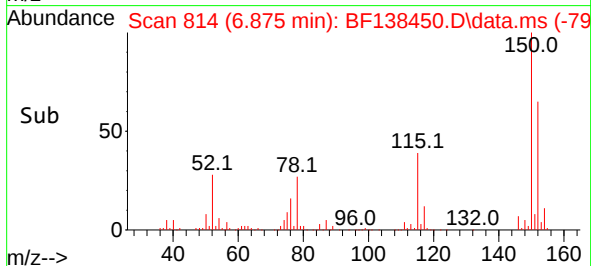
Instrument :
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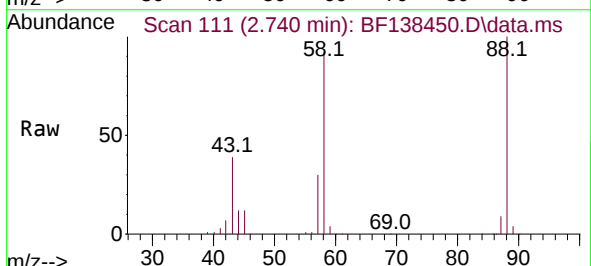
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Ion Ratio Lower Upper
152 100
150 154.5 124.9 187.3
115 60.0 50.8 76.2

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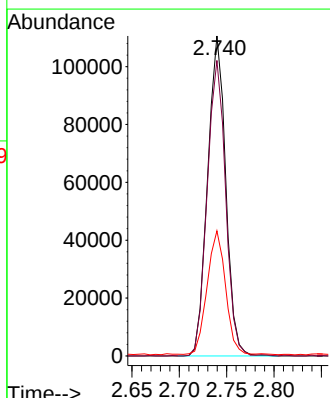
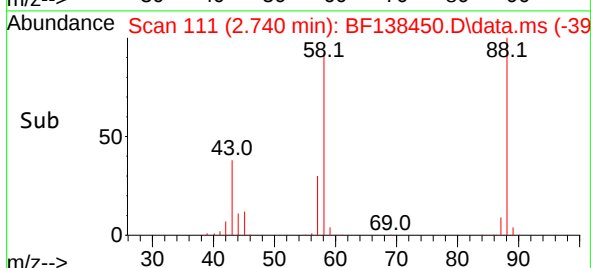
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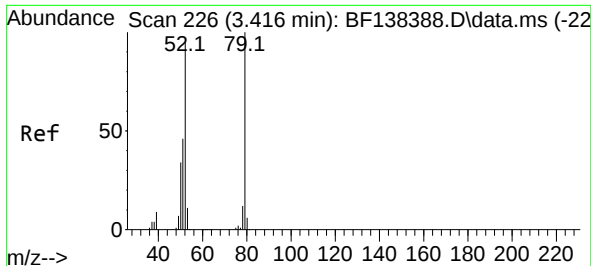


#2
1,4-Dioxane
Concen: 41.275 ng
RT: 2.740 min Scan# 111
Delta R.T. 0.076 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10



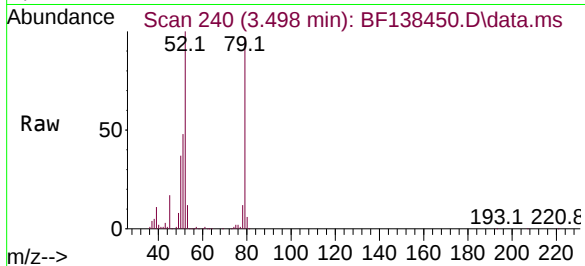
Tgt Ion: 88 Resp: 147039
Ion Ratio Lower Upper
88 100
58 93.6 73.7 110.5
43 38.9 30.1 45.1





#3
Pyridine
Concen: 45.220 ng
RT: 3.498 min Scan# 240
Delta R.T. 0.082 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

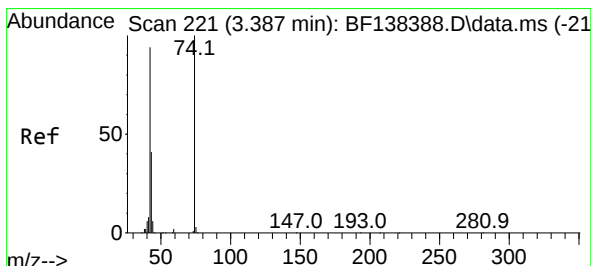
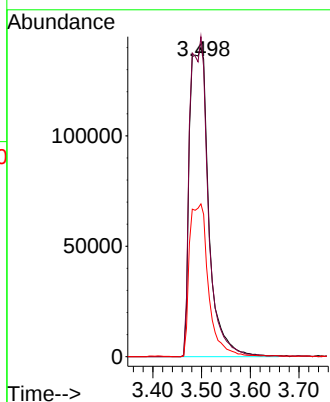
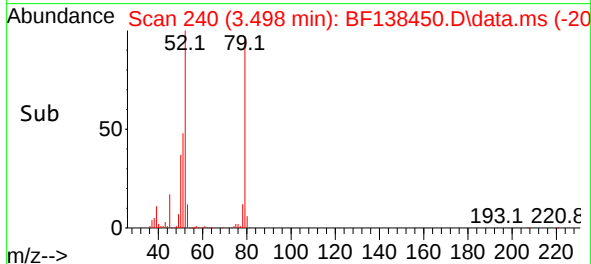
Instrument :
BNA_F
ClientSampleId :
VNJ-238MS



Tgt Ion: 79 Resp: 38431
Ion Ratio Lower Upper
79 100
52 103.5 76.2 114.2
51 49.4 36.7 55.1

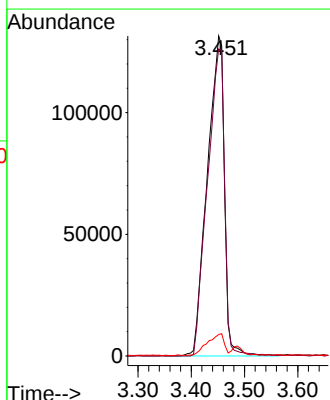
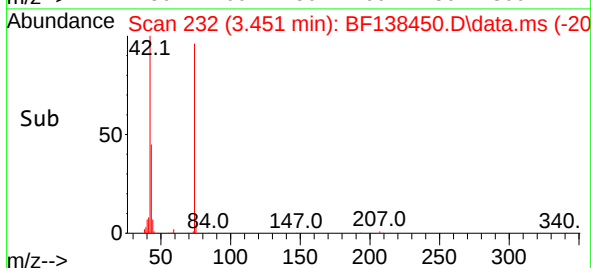
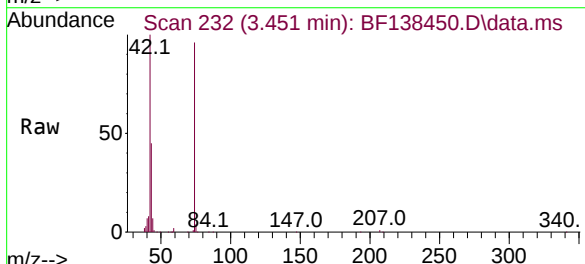
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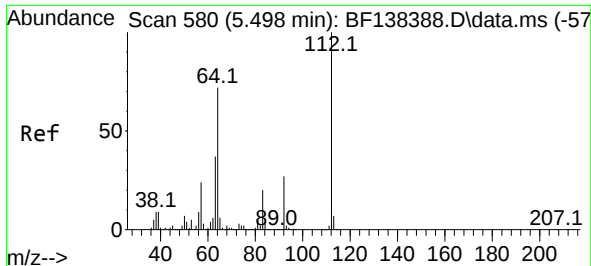
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#4
n-Nitrosodimethylamine
Concen: 55.396 ng
RT: 3.451 min Scan# 232
Delta R.T. 0.065 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

Tgt Ion: 42 Resp: 293715
Ion Ratio Lower Upper
42 100
74 95.9 85.1 127.7
44 6.7 5.5 8.3





#5
2-Fluorophenol
Concen: 124.914 ng
RT: 5.510 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

Instrument :

BNA_F

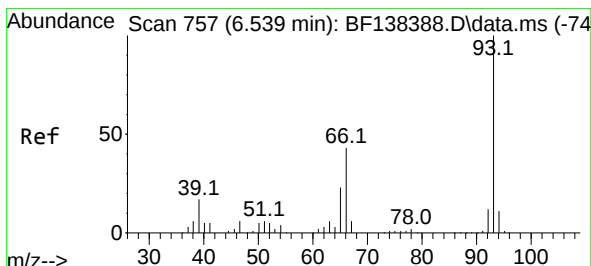
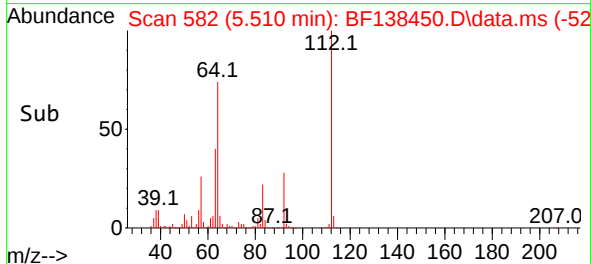
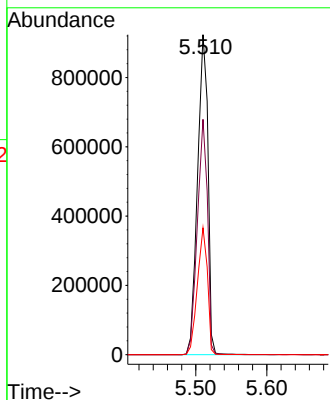
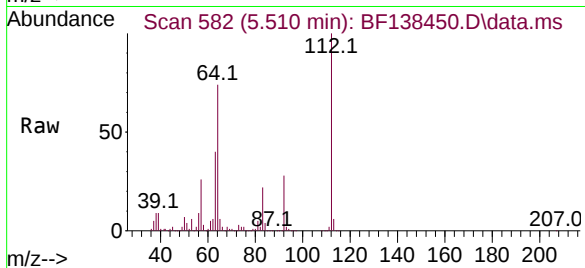
ClientSampleId :

VNJ-238MS

Tgt Ion:112 Resp: 94474
Ion Ratio Lower Upper
112 100
64 73.6 57.2 85.8
63 39.6 29.4 44.0

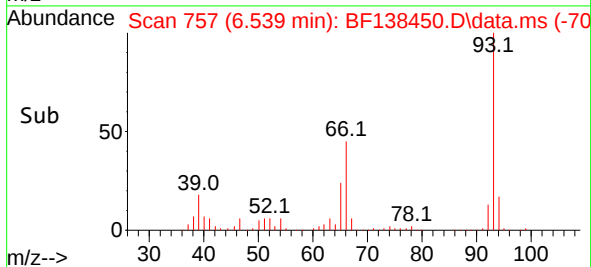
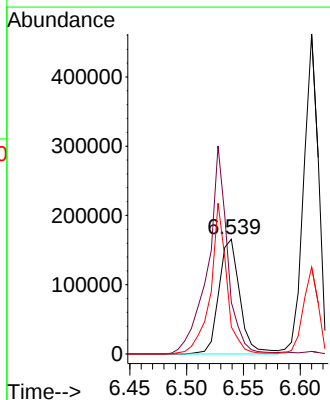
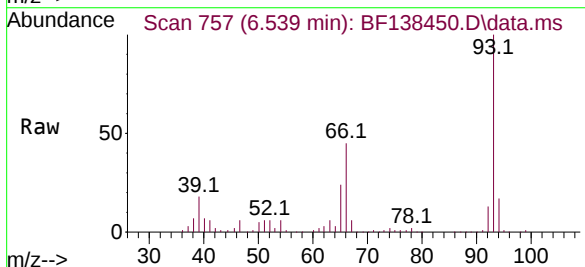
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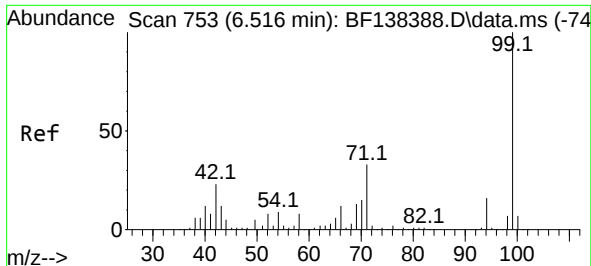
Reviewed By :Yogesh Patel 07/05/2024
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#6
Aniline
Concen: 21.457 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

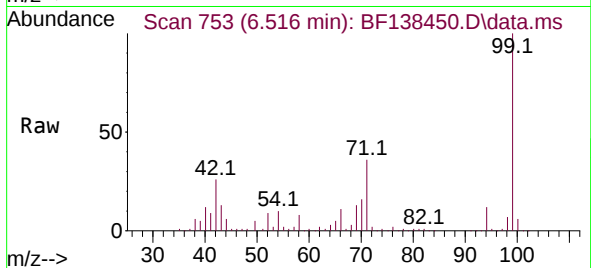
Tgt Ion: 93 Resp: 213337
Ion Ratio Lower Upper
93 100
66 45.1 34.7 52.1
65 23.6 18.5 27.7





#7
Phenol-d6
Concen: 122.220 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF138450.D
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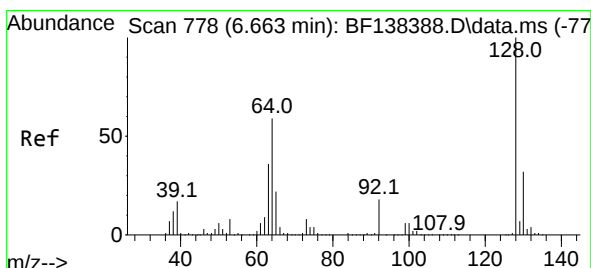
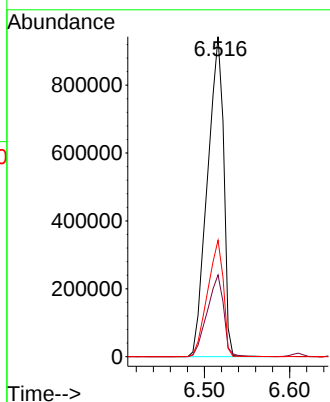
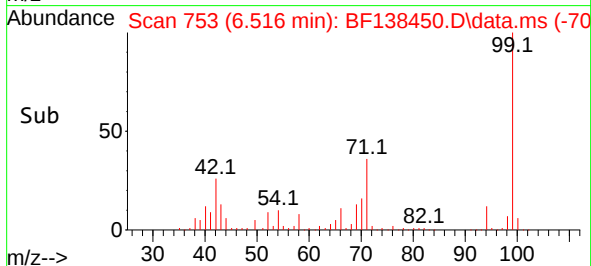
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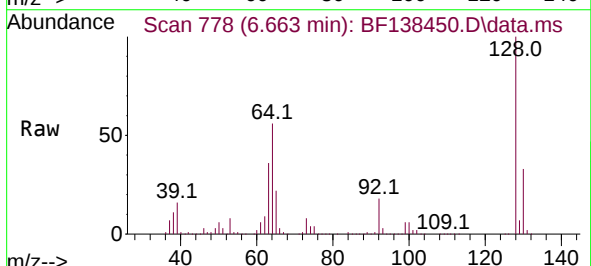
Tgt Ion: 99 Resp: 1245209
Ion Ratio Lower Upper
99 100
42 25.5 18.5 27.7
71 36.4 26.1 39.1

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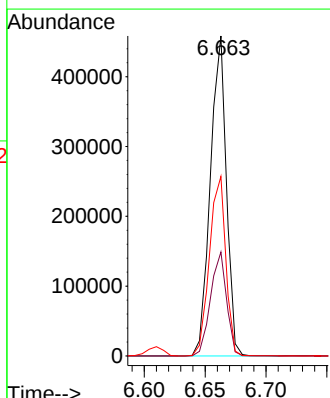
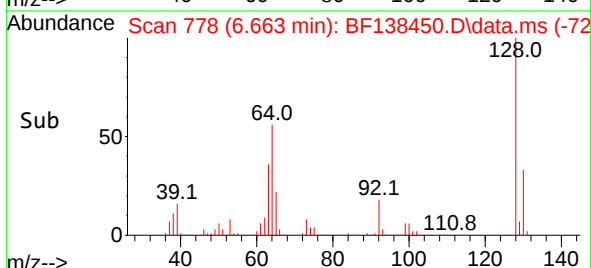
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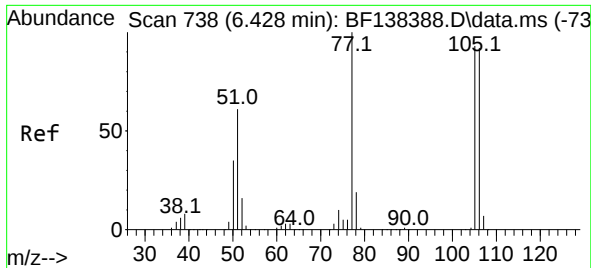


#8
2-Chlorophenol
Concen: 51.580 ng
RT: 6.663 min Scan# 778
Delta R.T. -0.000 min
Lab File: BF138450.D
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Tgt Ion:128 Resp: 418791
Ion Ratio Lower Upper
128 100
130 32.5 12.3 52.3
64 56.1 39.6 79.6





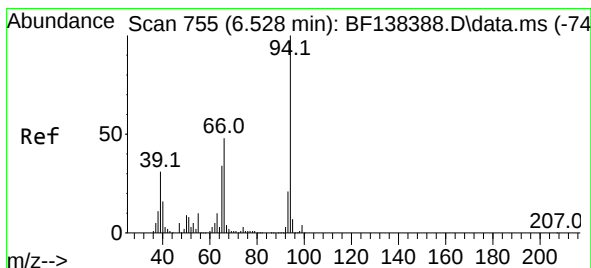
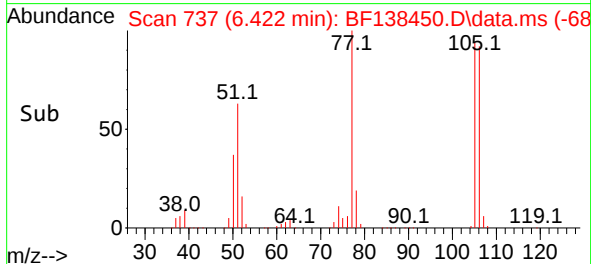
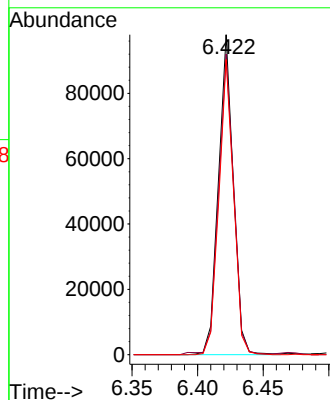
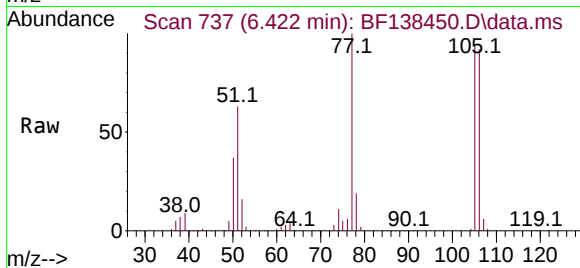
#9
Benzaldehyde
Concen: 12.309 ng
RT: 6.422 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF138450.D
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Tgt Ion: 77 Resp: 77405
Ion Ratio Lower Upper
77 100
105 94.0 73.2 113.2
106 92.3 71.5 111.5

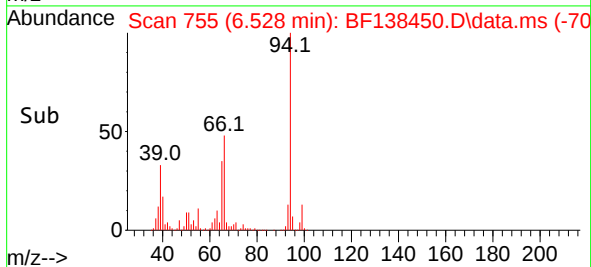
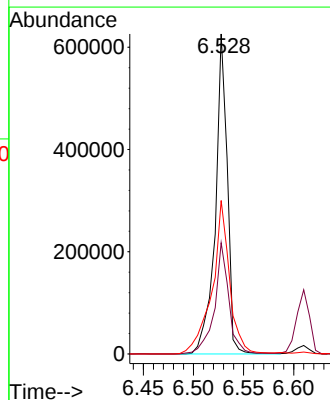
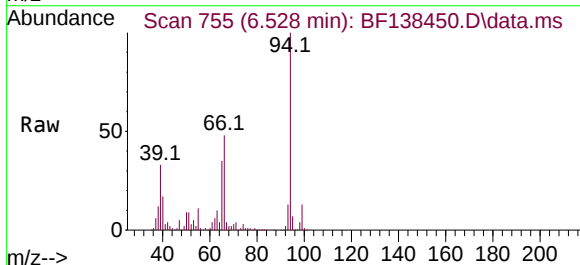
Manual Integrations
APPROVED

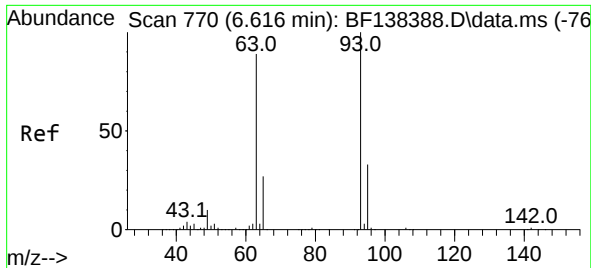
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#10
Phenol
Concen: 47.958 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

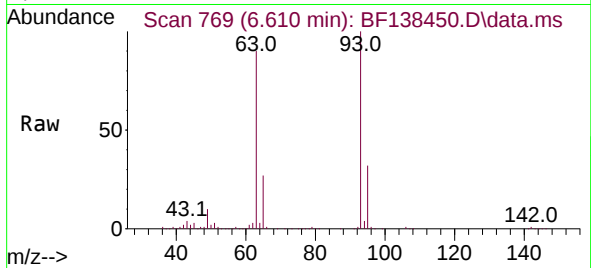
Tgt Ion: 94 Resp: 520566
Ion Ratio Lower Upper
94 100
65 34.7 14.2 54.2
66 48.0 27.9 67.9





#11
bis(2-Chloroethyl)ether
Concen: 48.994 ng
RT: 6.610 min Scan# 770
Delta R.T. -0.006 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

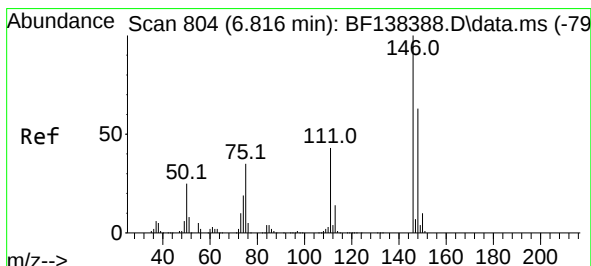
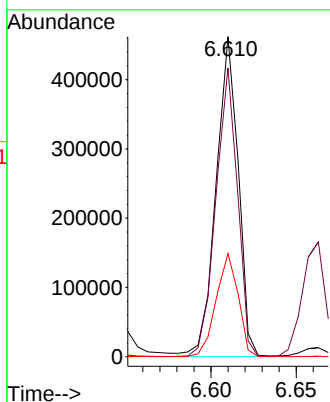
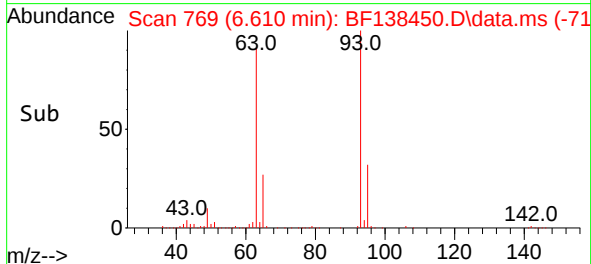
Instrument :
BNA_F
ClientSampleId :
VNJ-238MS



Tgt Ion: 93 Resp: 41768
Ion Ratio Lower Upper
93 100
63 90.3 68.2 108.2
95 32.3 12.4 52.4

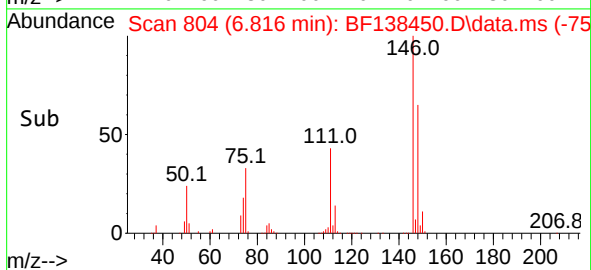
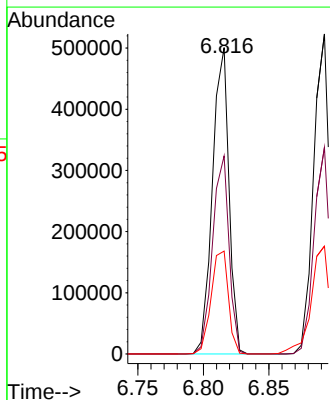
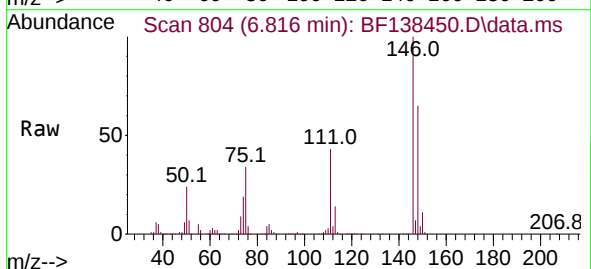
Manual Integrations
APPROVED

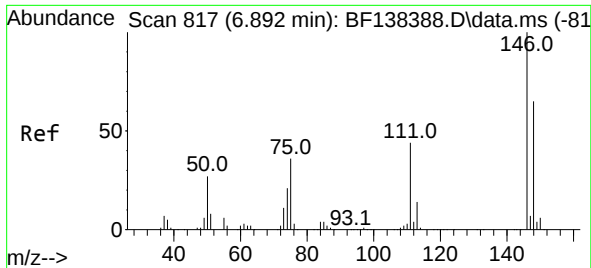
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#12
1,3-Dichlorobenzene
Concen: 47.141 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

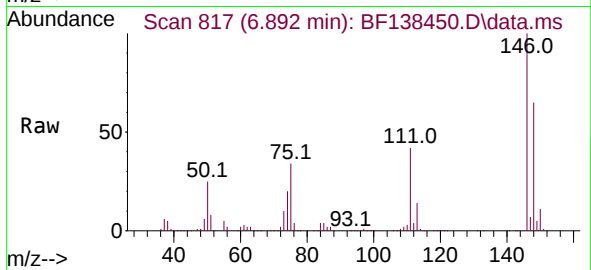
Tgt Ion:146 Resp: 438313
Ion Ratio Lower Upper
146 100
148 64.6 50.3 75.5
75 33.6 27.8 41.6





#13
1,4-Dichlorobenzene
Concen: 47.466 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

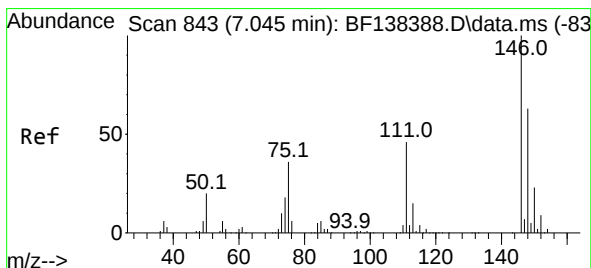
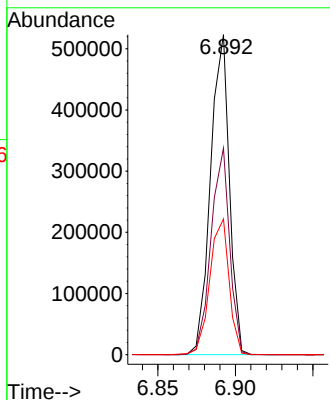
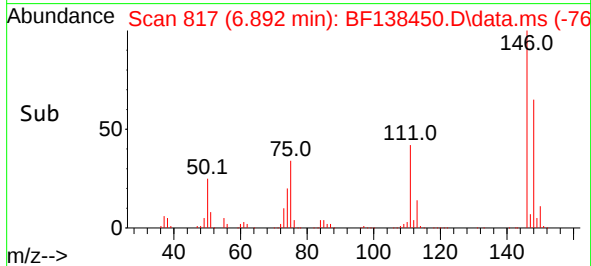
Instrument :
BNA_F
ClientSampleId :
VNJ-238MS



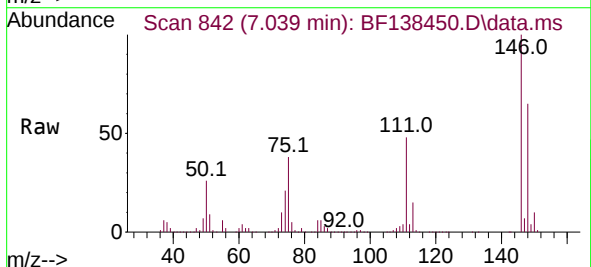
Tgt Ion:146 Resp: 442520
Ion Ratio Lower Upper
146 100
148 64.5 52.0 78.0
111 42.4 35.4 53.0

Manual Integrations
APPROVED

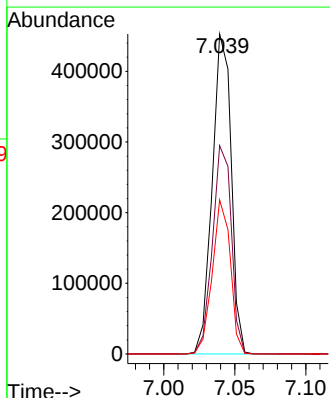
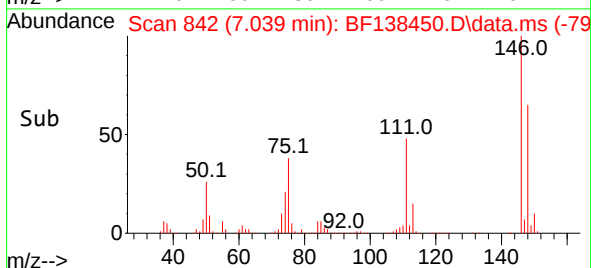
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

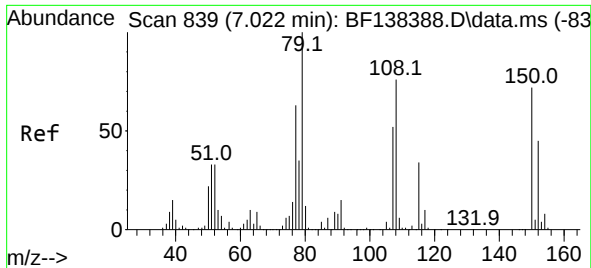


#14
1,2-Dichlorobenzene
Concen: 48.813 ng
RT: 7.039 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10



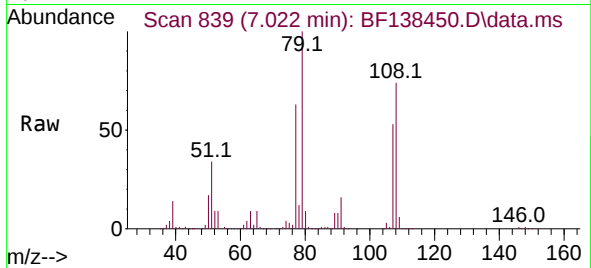
Tgt Ion:146 Resp: 420119
Ion Ratio Lower Upper
146 100
148 65.1 50.3 75.5
111 48.1 37.1 55.7





#15
Benzyl Alcohol
Concen: 54.212 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

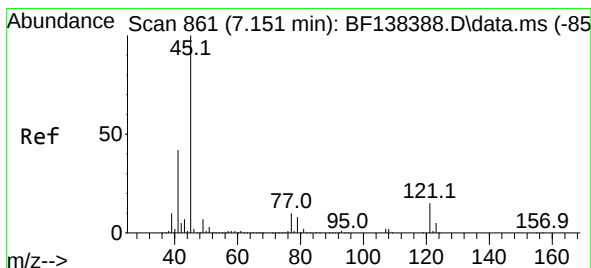
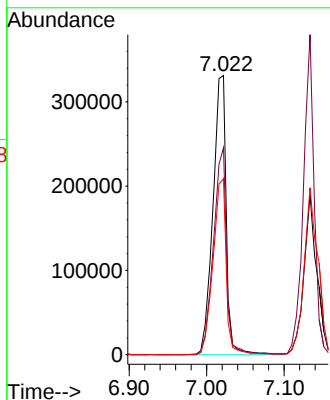
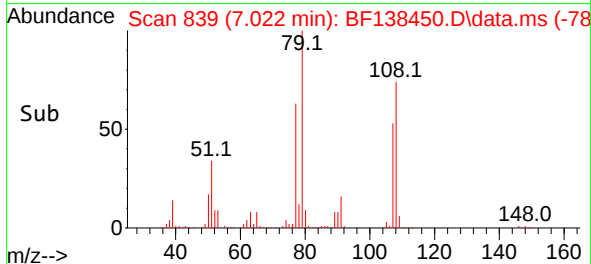
Instrument :
BNA_F
ClientSampleId :
VNJ-238MS



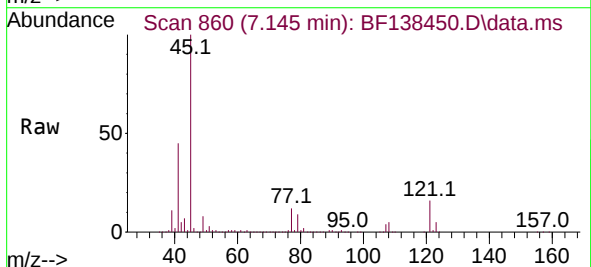
Tgt Ion: 79 Resp: 395604
Ion Ratio Lower Upper
79 100
108 74.1 60.9 91.3
77 63.0 50.6 75.8

Manual Integrations
APPROVED

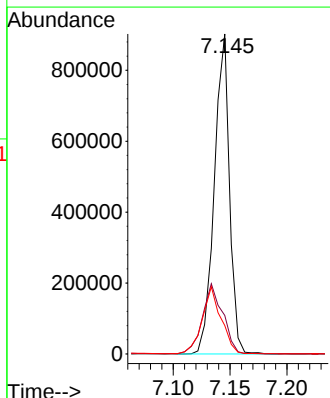
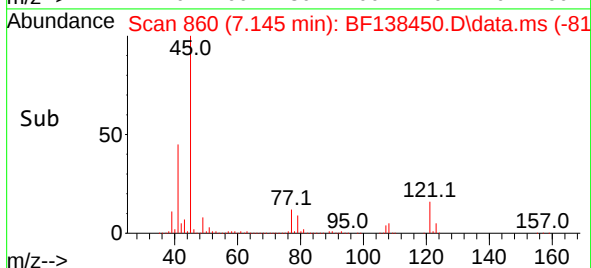
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

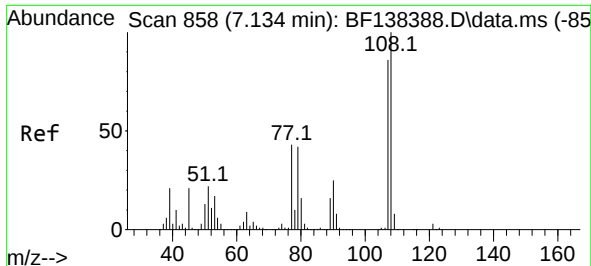


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.744 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10



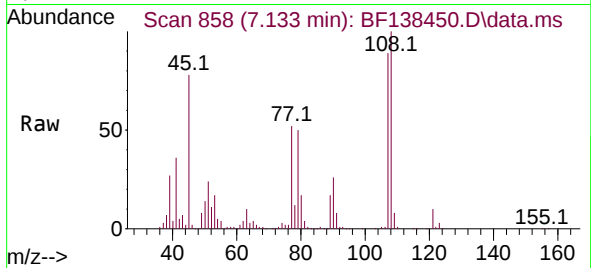
Tgt Ion: 45 Resp: 838169
Ion Ratio Lower Upper
45 100
77 12.0 0.0 30.4
79 8.9 0.0 28.1





#17
2-Methylphenol
Concen: 48.017 ng
RT: 7.133 min Scan# 858
Delta R.T. -0.000 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

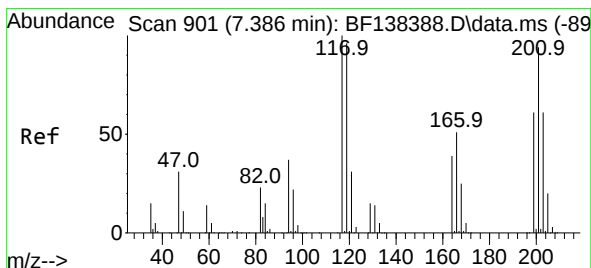
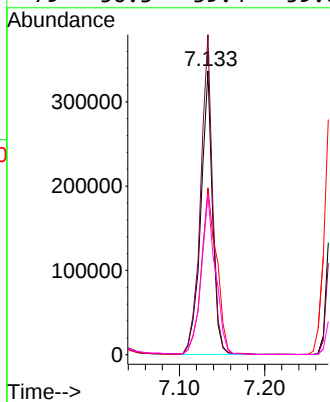
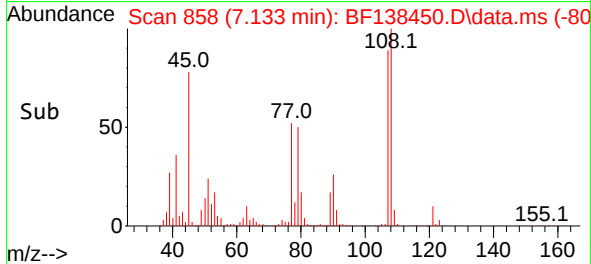
Instrument :
BNA_F
ClientSampleId :
VNJ-238MS



Tgt Ion:107 Resp: 32310
Ion Ratio Lower Upper
107 100
108 112.7 92.6 138.8
77 58.8 40.3 60.5
79 56.3 39.4 59.0

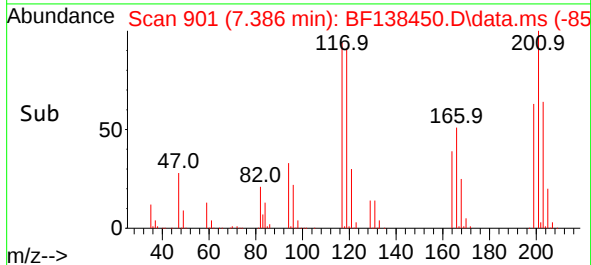
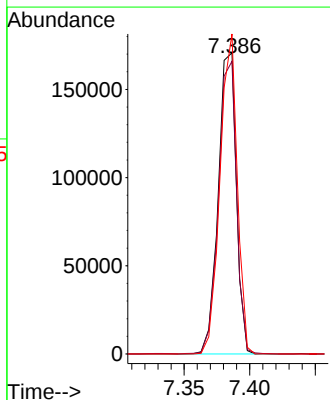
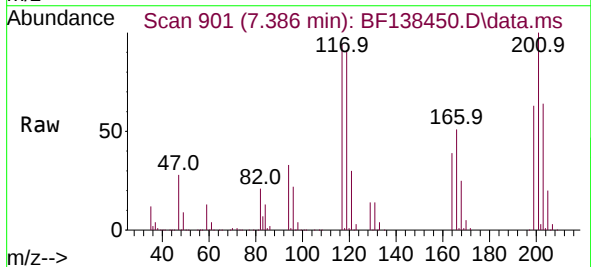
Manual Integrations
APPROVED

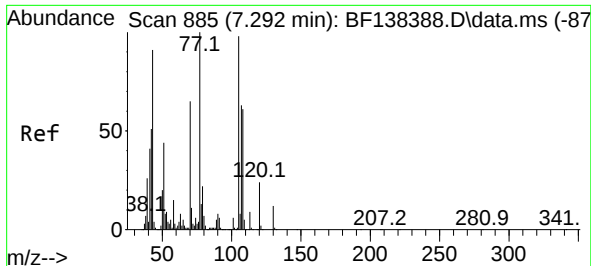
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#18
Hexachloroethane
Concen: 48.715 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

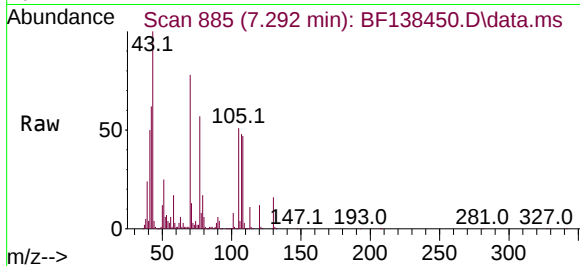
Tgt Ion:117 Resp: 163816
Ion Ratio Lower Upper
117 100
119 97.2 77.1 115.7
201 106.3 75.6 113.4





#19
n-Nitroso-di-n-propylamine
Concen: 48.698 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

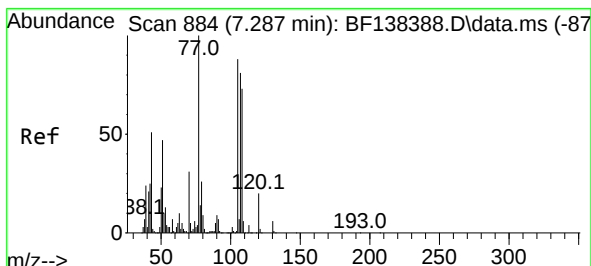
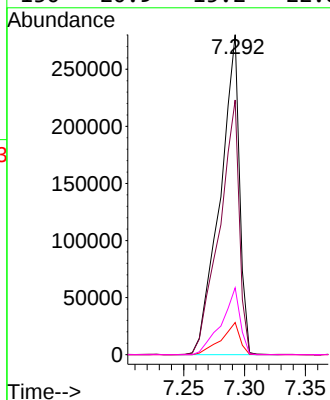
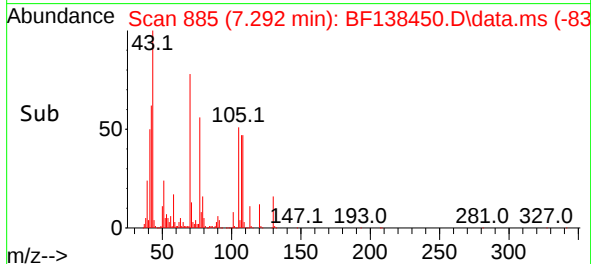
Instrument :
BNA_F
ClientSampleId :
VNJ-238MS



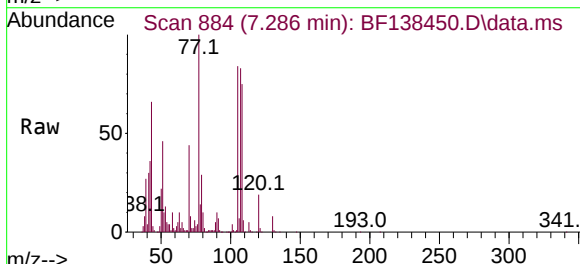
Tgt Ion: 70 Resp: 31278
Ion Ratio Lower Upper
70 100
42 79.6 62.5 93.7
101 10.0 7.0 10.4
130 20.9 15.2 22.8

Manual Integrations
APPROVED

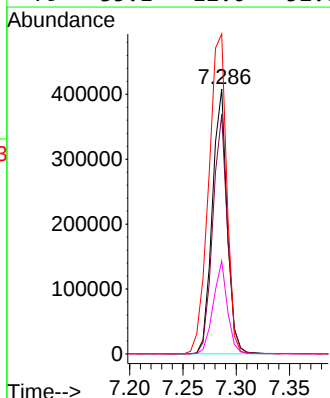
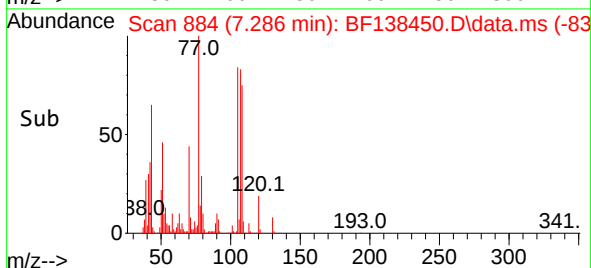
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

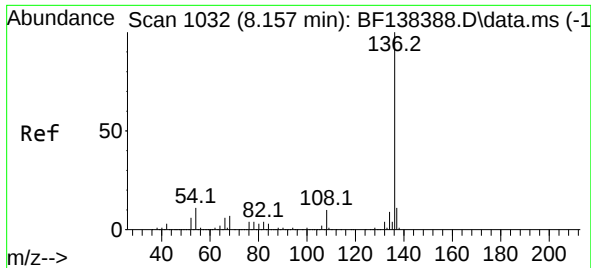


#20
3+4-Methylphenols
Concen: 50.288 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.001 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10



Tgt Ion:107 Resp: 393171
Ion Ratio Lower Upper
107 100
108 90.4 70.8 110.8
77 120.8 104.0 144.0
79 35.1 12.0 52.0





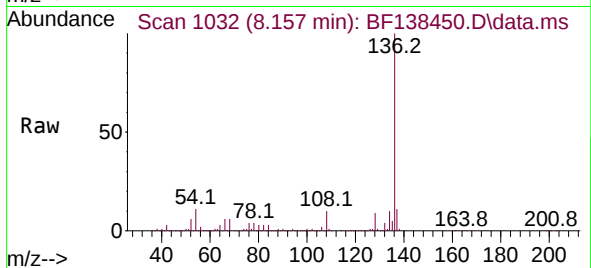
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

Instrument :

BNA_F

ClientSampleId :

VNJ-238MS



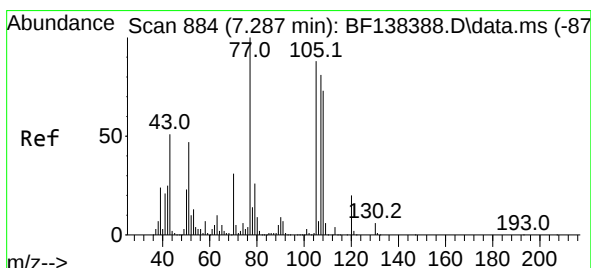
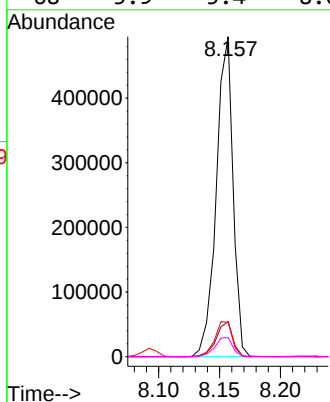
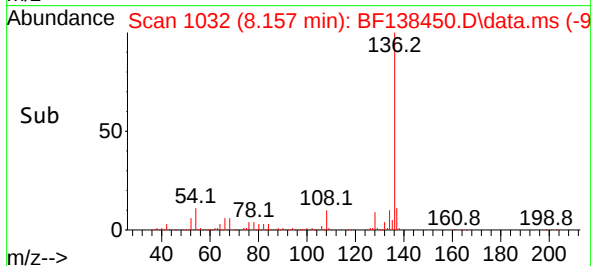
Tgt Ion:136 Resp: 473065
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.8 9.0 13.4
68 5.9 5.4 8.0

Manual Integrations

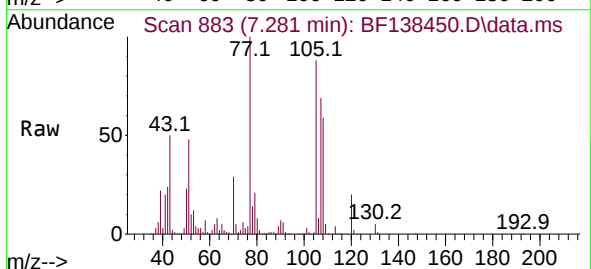
APPROVED

Reviewed By :Yogesh Patel 07/05/2024

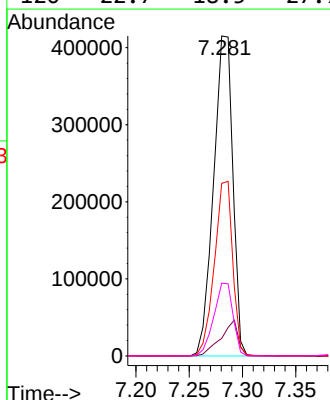
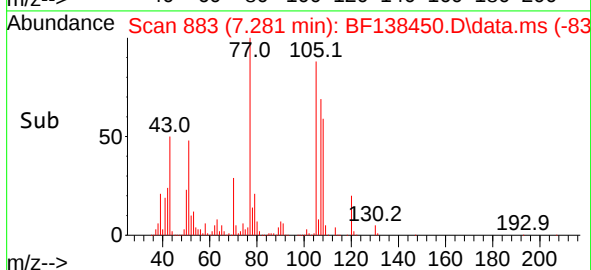
Supervised By :mohammad ahmed 07/05/2024

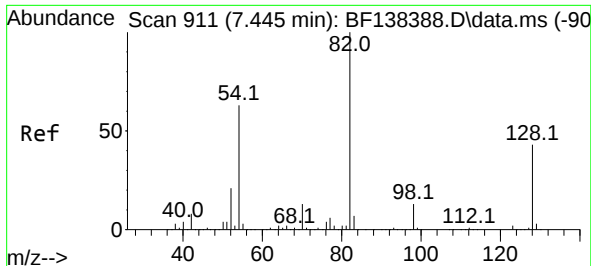


#22
Acetophenone
Concen: 48.583 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10



Tgt Ion:105 Resp: 521405
Ion Ratio Lower Upper
105 100
71 5.5 4.7 7.1
51 54.0 43.2 64.8
120 22.7 18.5 27.7





#23

Nitrobenzene-d5

Concen: 90.326 ng

RT: 7.439 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF138450.D

Acq: 03 Jul 2024 17:10

Instrument :

BNA_F

ClientSampleId :

VNJ-238MS

Tgt Ion: 82 Resp: 82256

Ion Ratio Lower Upper

82 100

128 41.4 34.6 52.0

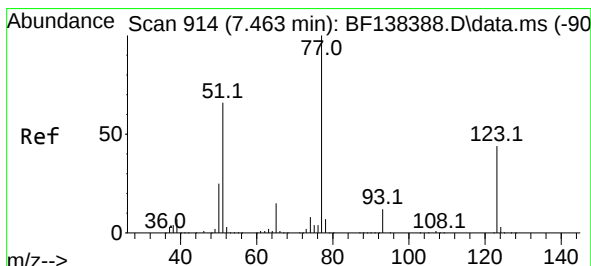
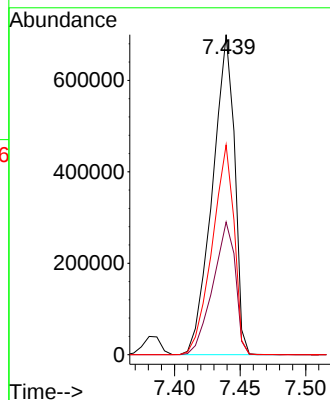
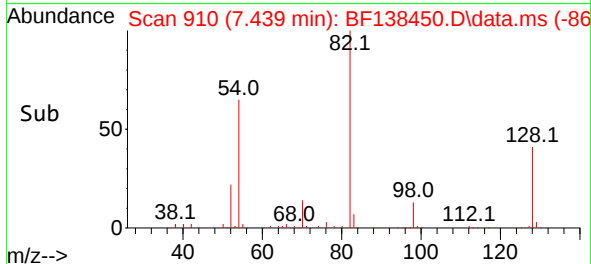
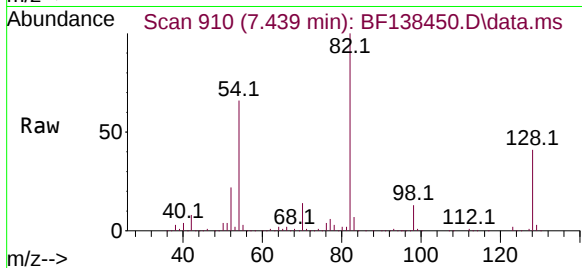
54 65.6 50.5 75.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#24

Nitrobenzene

Concen: 50.797 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF138450.D

Acq: 03 Jul 2024 17:10

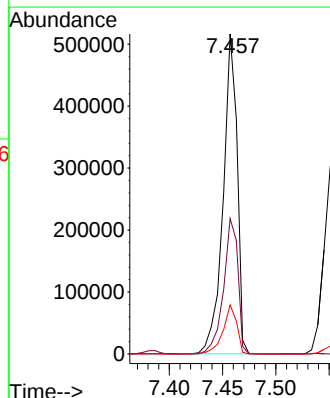
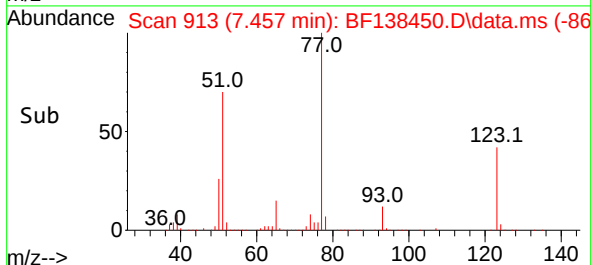
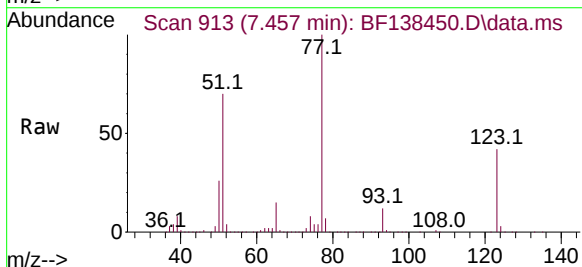
Tgt Ion: 77 Resp: 470500

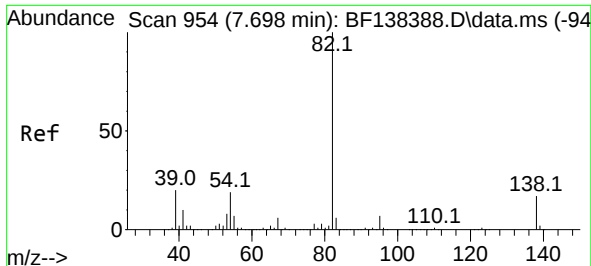
Ion Ratio Lower Upper

77 100

123 42.3 35.0 52.6

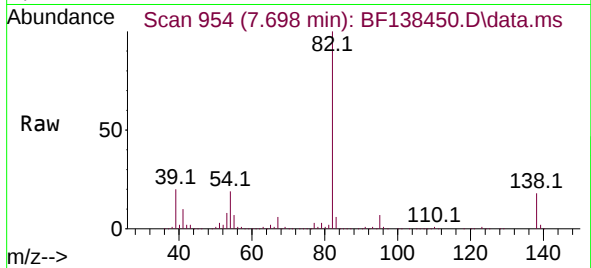
65 15.3 12.1 18.1





#25
Isophorone
Concen: 50.878 ng
RT: 7.698 min Scan# 954
Delta R.T. -0.000 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

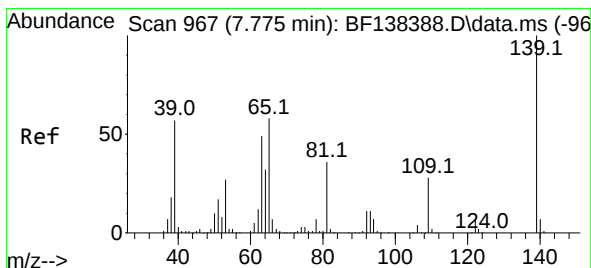
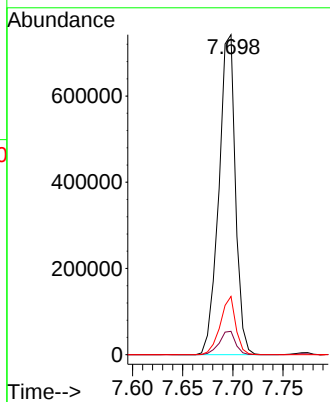
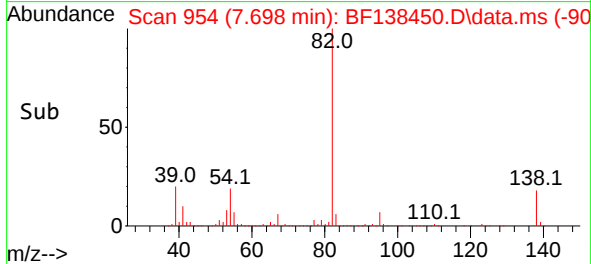
Instrument :
BNA_F
ClientSampleId :
VNJ-238MS



Tgt Ion: 82 Resp: 854330
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 18.2 13.4 20.2

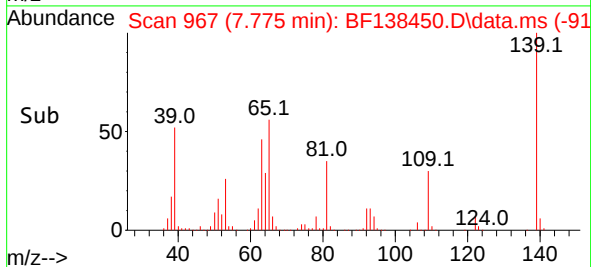
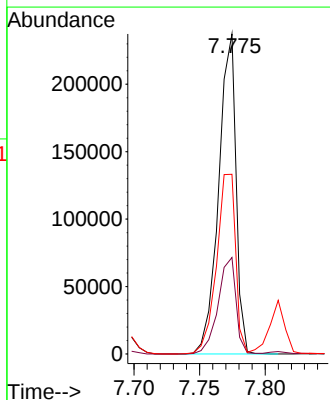
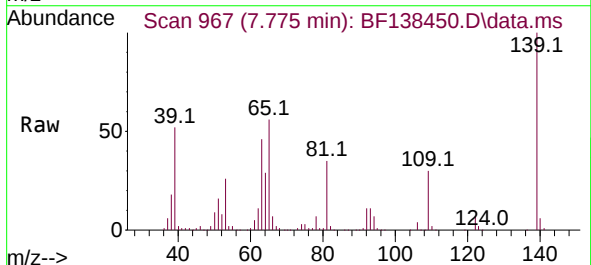
Manual Integrations
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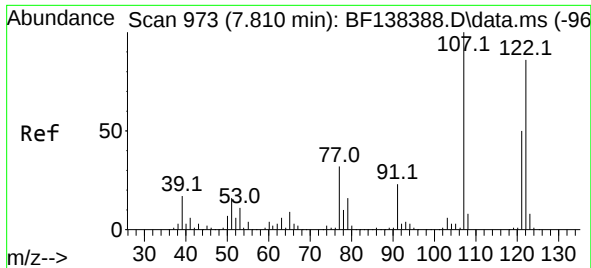
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#26
2-Nitrophenol
Concen: 54.661 ng
RT: 7.775 min Scan# 967
Delta R.T. -0.000 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

Tgt Ion:139 Resp: 218377
Ion Ratio Lower Upper
139 100
109 30.2 22.5 33.7
65 56.1 46.2 69.2





#27
2,4-Dimethylphenol
Concen: 54.529 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

Instrument :

BNA_F

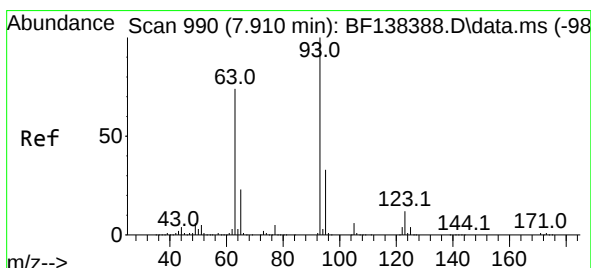
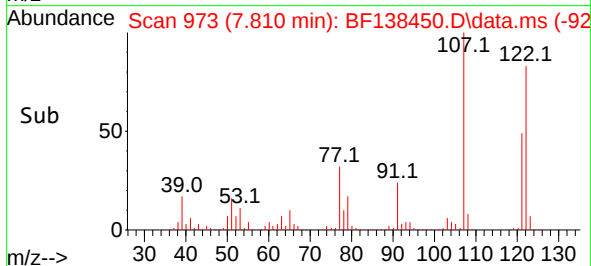
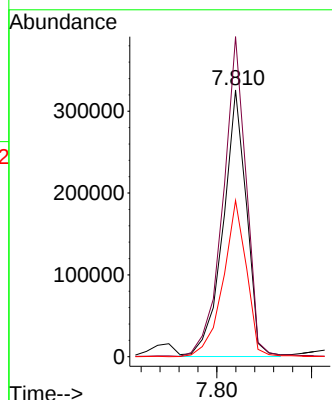
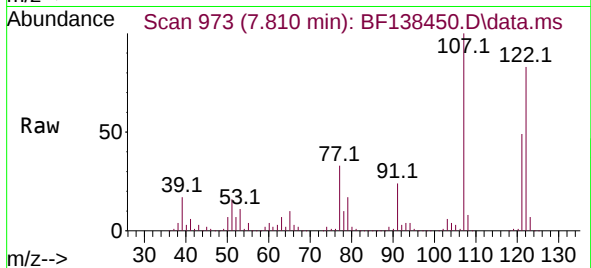
ClientSampleId :

VNJ-238MS

Tgt Ion:122 Resp: 27881
Ion Ratio Lower Upper
122 100
107 120.0 92.5 138.7
121 58.6 46.5 69.7

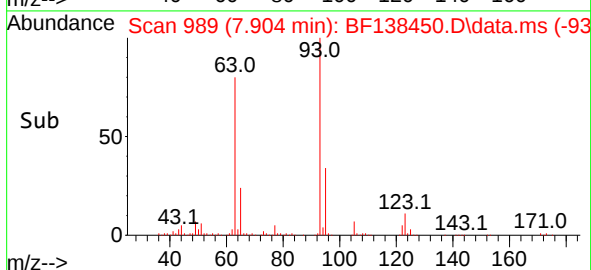
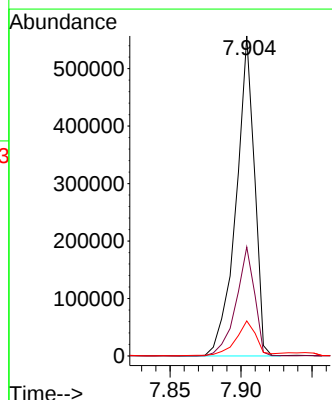
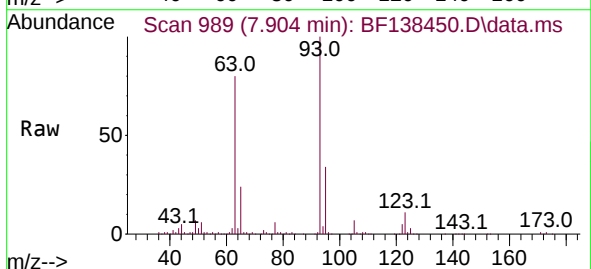
Manual Integrations
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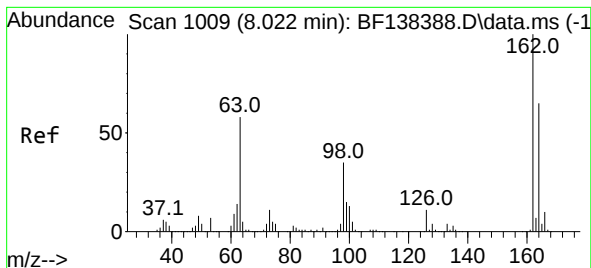
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#28
bis(2-Chloroethoxy)methane
Concen: 49.657 ng
RT: 7.904 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

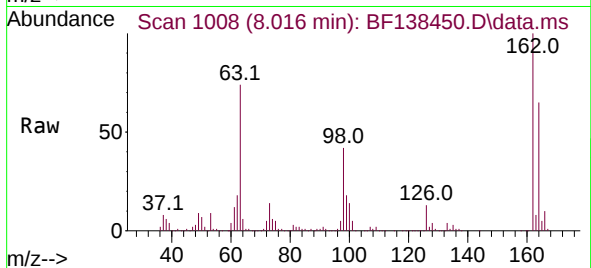
Tgt Ion: 93 Resp: 501889
Ion Ratio Lower Upper
93 100
95 34.1 26.6 40.0
123 11.0 9.6 14.4





#29
2,4-Dichlorophenol
Concen: 49.834 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

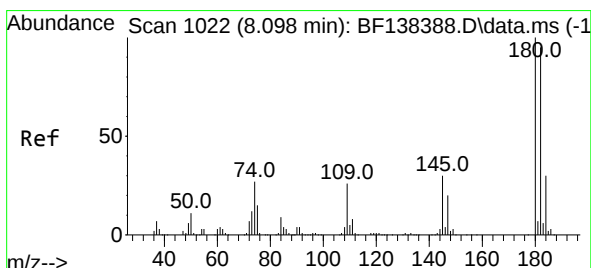
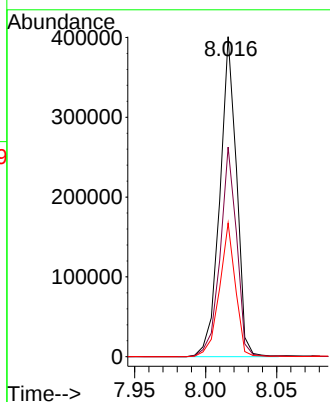
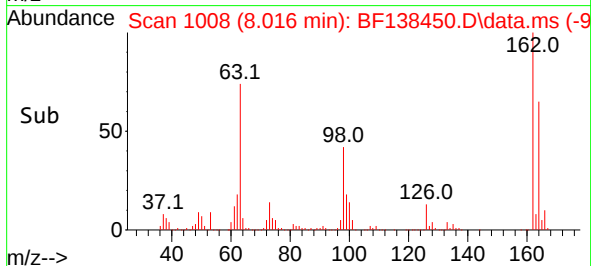
Instrument :
BNA_F
ClientSampleId :
VNJ-238MS



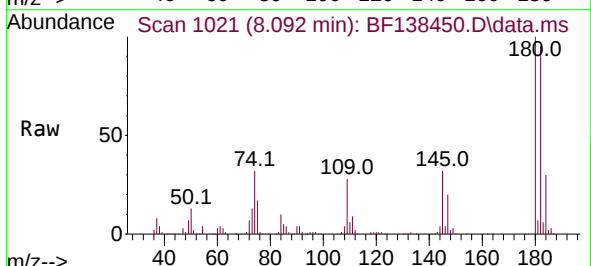
Tgt Ion:162 Resp: 327269
Ion Ratio Lower Upper
162 100
164 65.5 45.4 85.4
98 41.7 15.2 55.2

Manual Integrations
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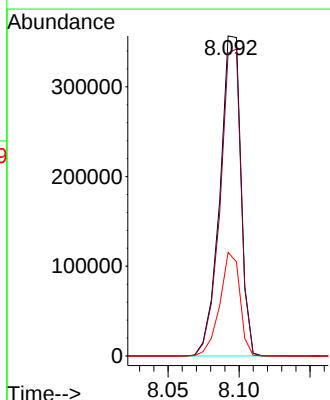
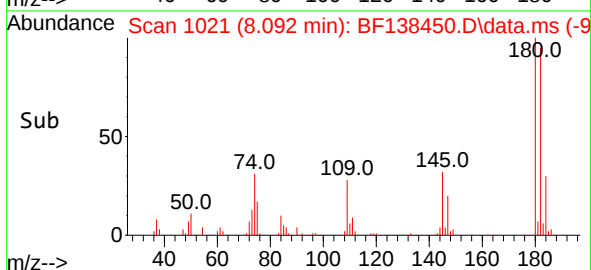
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

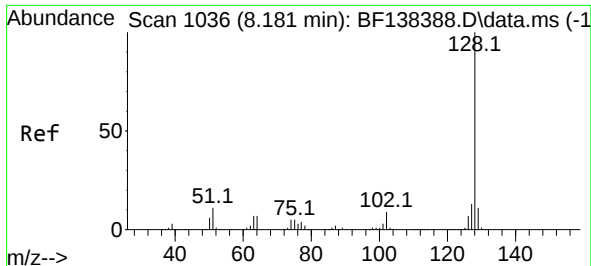


#30
1,2,4-Trichlorobenzene
Concen: 48.222 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10



Tgt Ion:180 Resp: 368212
Ion Ratio Lower Upper
180 100
182 94.6 76.0 114.0
145 32.4 24.2 36.2





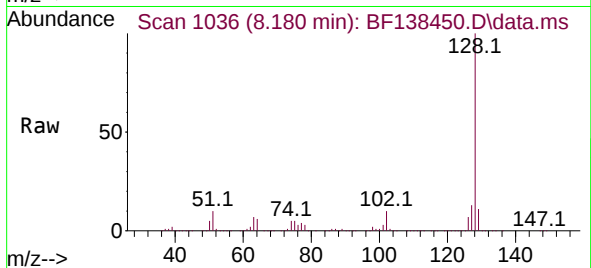
#31
Naphthalene
Concen: 49.012 ng
RT: 8.180 min Scan# 1036
Delta R.T. -0.000 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

Instrument :

BNA_F

ClientSampleId :

VNJ-238MS



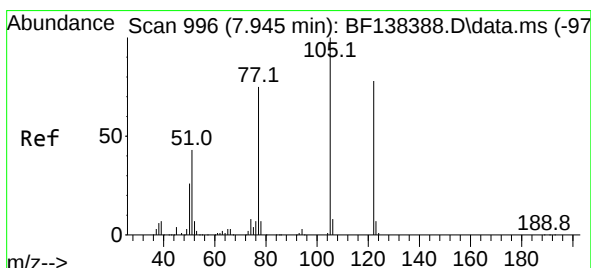
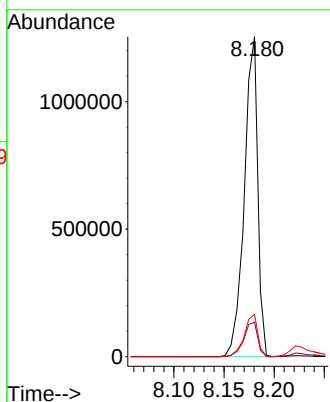
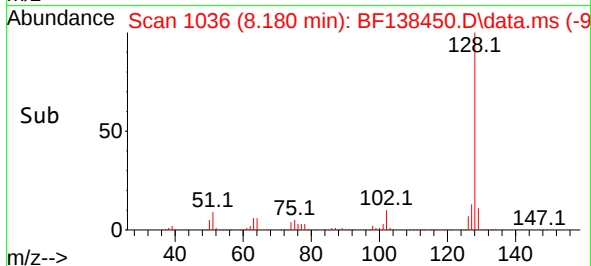
Tgt Ion:128 Resp: 1172130
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.2 10.6 16.0

Manual Integrations

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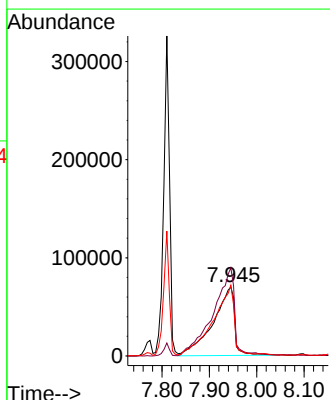
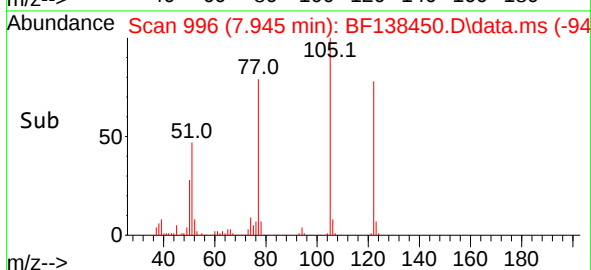
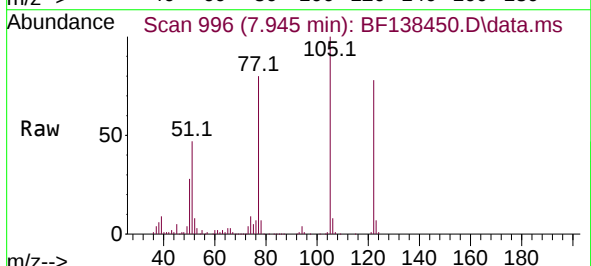
Reviewed By :Yogesh Patel 07/05/2024

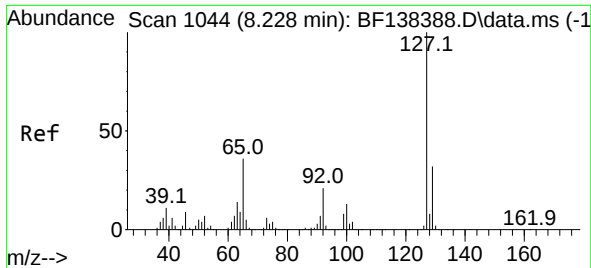
Supervised By :mohammad ahmed 07/05/2024



#32
Benzoic acid
Concen: 47.793 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.000 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

Tgt Ion:122 Resp: 223276
Ion Ratio Lower Upper
122 100
105 127.9 103.8 143.8
77 102.5 74.3 114.3





#33
4-Chloroaniline
Concen: 8.786 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

Instrument :

BNA_F

ClientSampleId :

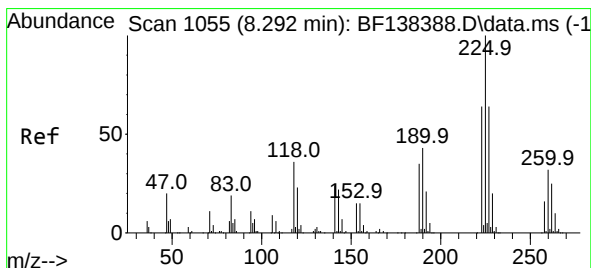
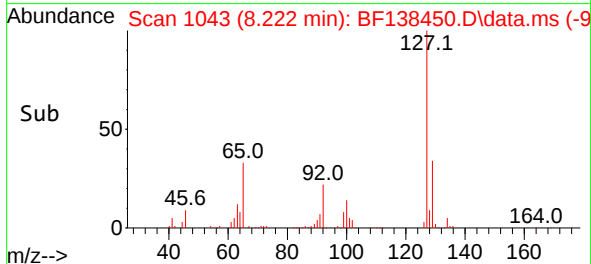
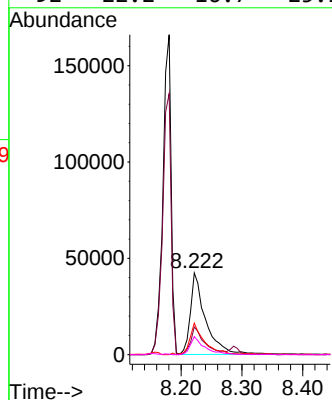
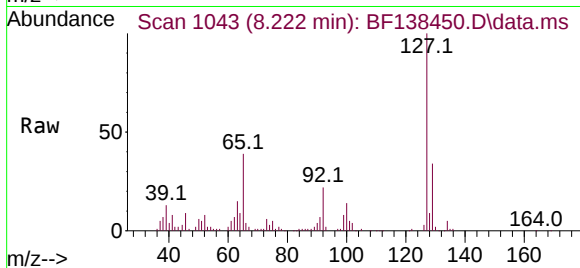
VNJ-238MS

Tgt Ion:127 Resp: 7338
Ion Ratio Lower Upper
127 100
129 33.8 25.4 38.2
65 38.5 28.7 43.1
92 22.2 16.7 25.1

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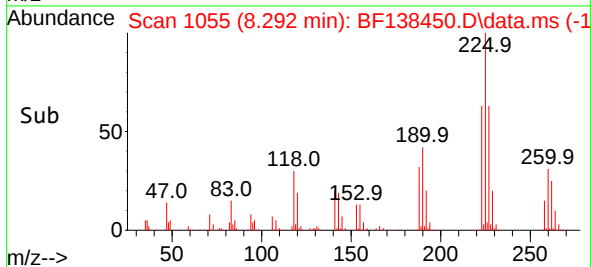
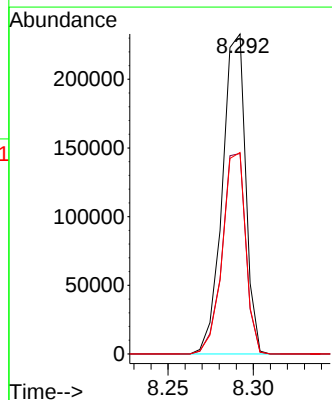
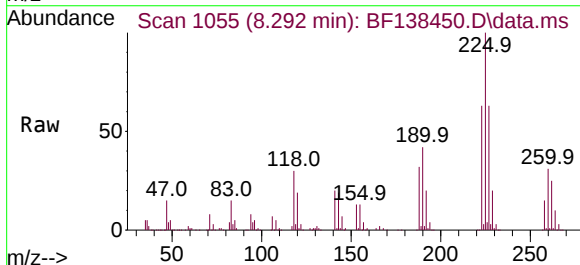
APPROVED

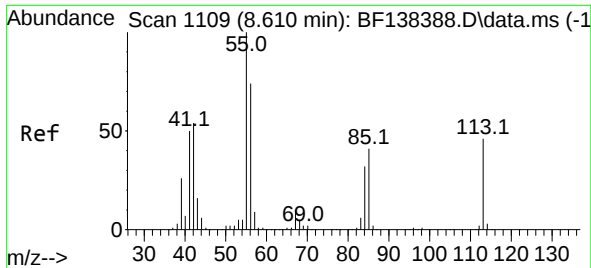
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#34
Hexachlorobutadiene
Concen: 48.164 ng
RT: 8.292 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

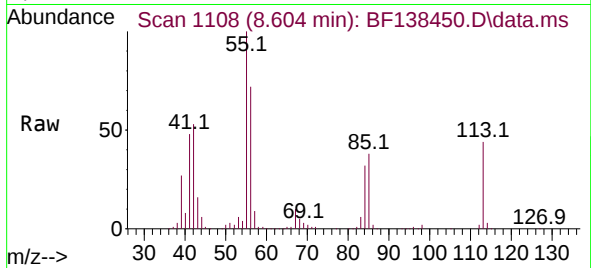
Tgt Ion:225 Resp: 220806
Ion Ratio Lower Upper
225 100
223 62.6 51.0 76.6
227 62.9 51.2 76.8





#35
 Caprolactam
 Concen: 44.521 ng m
 RT: 8.604 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: BF138450.D
 Acq: 03 Jul 2024 17:10

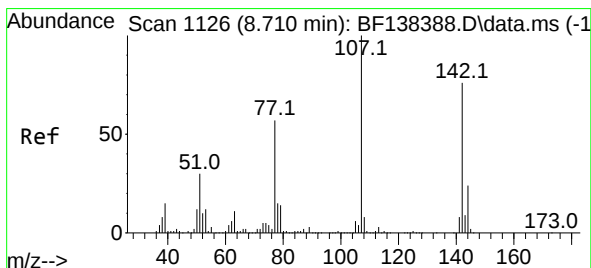
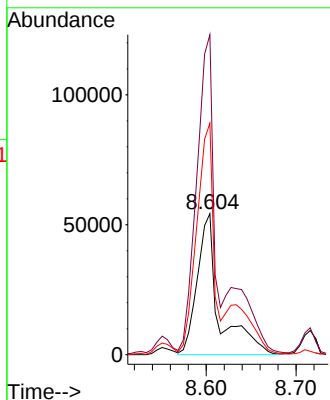
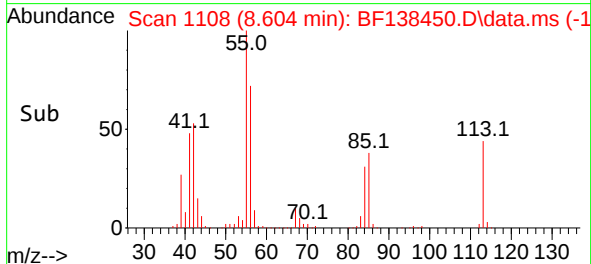
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-238MS



Tgt Ion:113 Resp: 92328
 Ion Ratio Lower Upper
 113 100
 55 227.0 195.9 235.9
 56 164.1 138.7 178.7

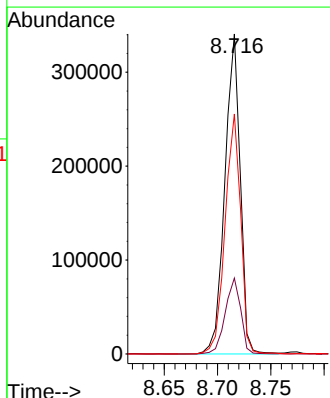
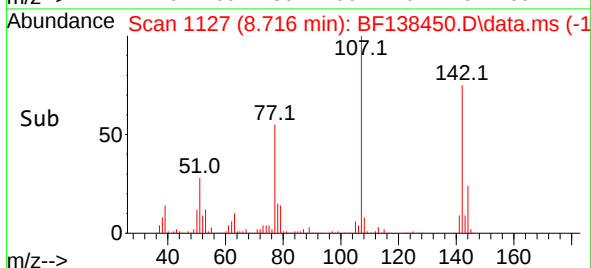
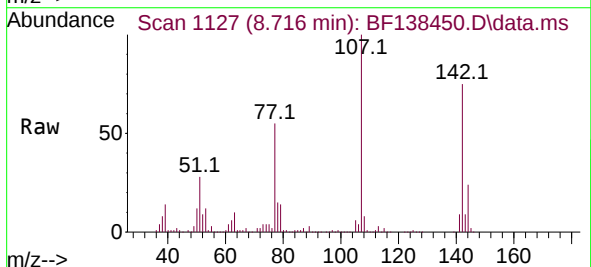
Manual Integrations
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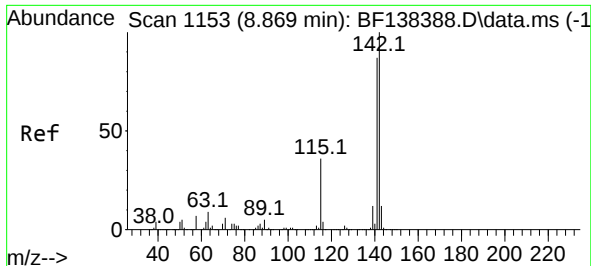
Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024



#36
 4-Chloro-3-methylphenol
 Concen: 48.651 ng
 RT: 8.716 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: BF138450.D
 Acq: 03 Jul 2024 17:10

Tgt Ion:107 Resp: 340321
 Ion Ratio Lower Upper
 107 100
 144 23.7 19.2 28.8
 142 75.0 61.0 91.6





#37
2-Methylnaphthalene
Concen: 47.325 ng
RT: 8.869 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

Instrument :

BNA_F

ClientSampleId :

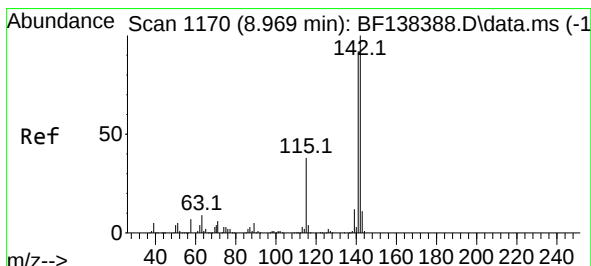
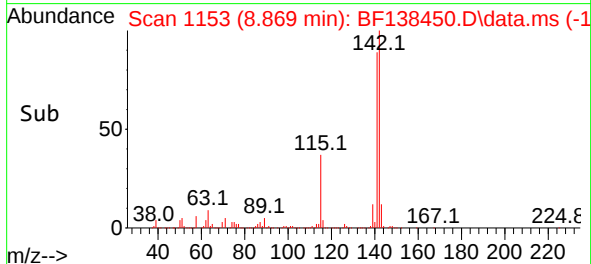
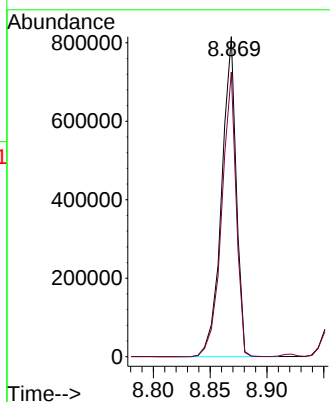
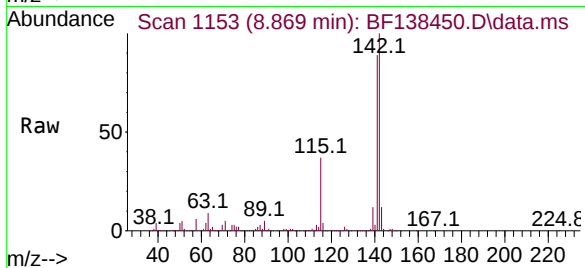
VNJ-238MS

Tgt Ion:142 Resp: 731449
Ion Ratio Lower Upper
142 100
141 89.0 69.6 104.4

Manual Integrations

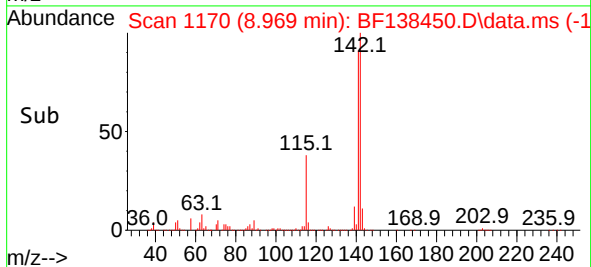
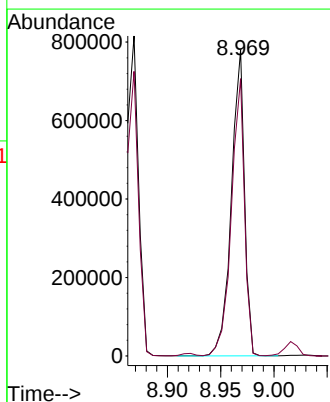
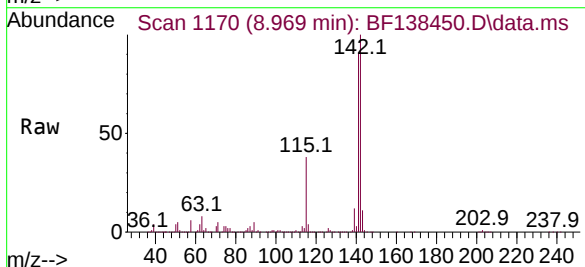
APPROVED

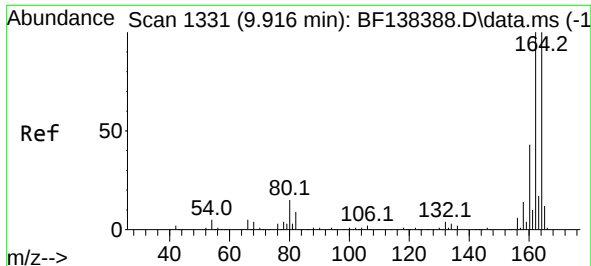
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#38
1-Methylnaphthalene
Concen: 44.757 ng
RT: 8.969 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

Tgt Ion:142 Resp: 670885
Ion Ratio Lower Upper
142 100
141 90.5 73.7 110.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138450.D

Acq: 03 Jul 2024 17:10

Instrument :

BNA_F

ClientSampleId :

VNJ-238MS

Tgt Ion:164 Resp: 22885

Ion Ratio Lower Upper

164 100

162 98.6 80.1 120.1

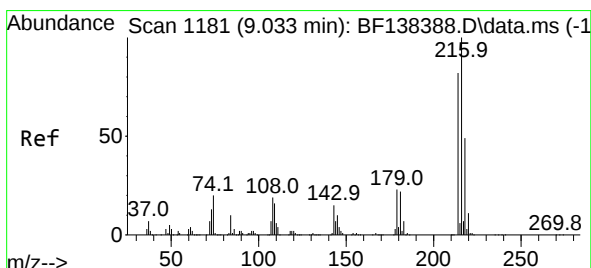
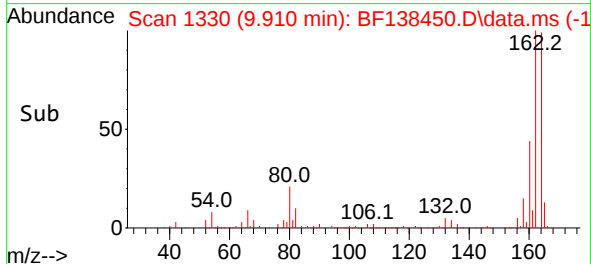
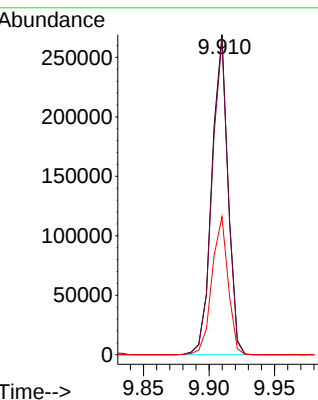
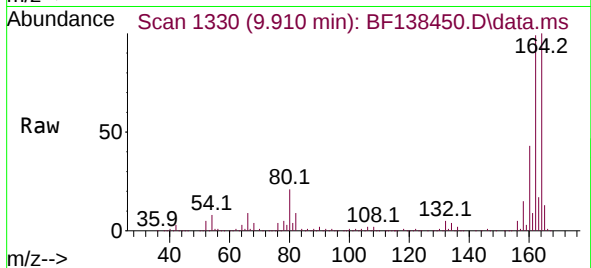
160 43.1 34.1 51.1

Manual Integrations

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Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.976 ng

RT: 9.033 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF138450.D

Acq: 03 Jul 2024 17:10

Tgt Ion:216 Resp: 310020

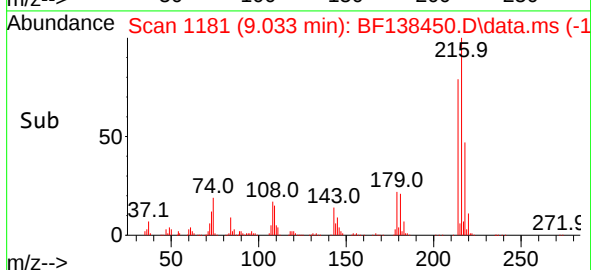
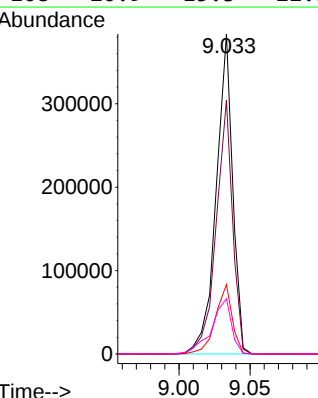
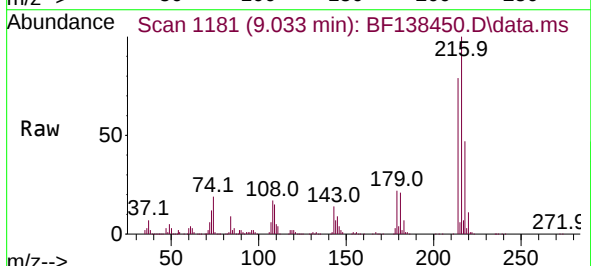
Ion Ratio Lower Upper

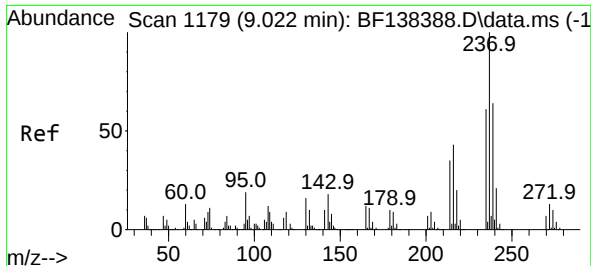
216 100

214 78.9 64.2 96.4

179 22.1 17.4 26.0

108 20.9 15.3 22.9





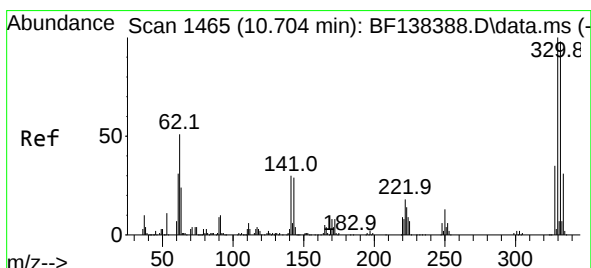
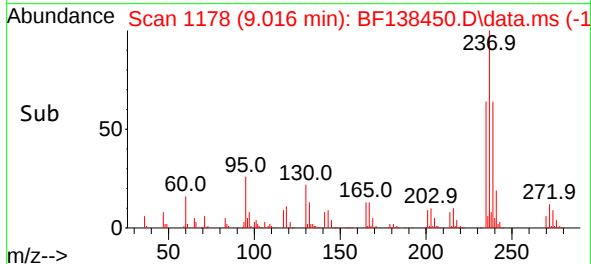
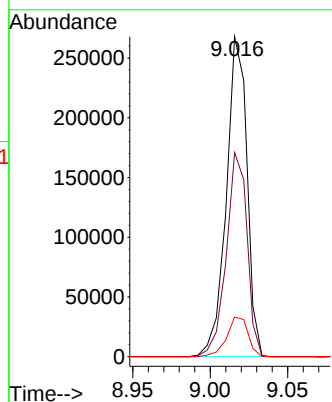
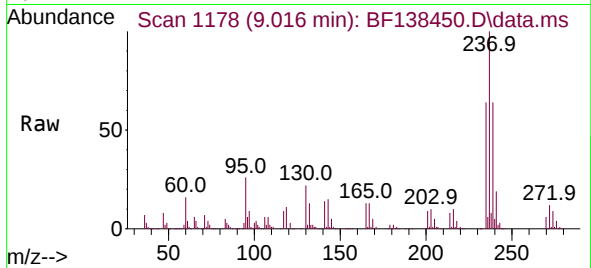
#41
Hexachlorocyclopentadiene
Concen: 133.288 ng
RT: 9.016 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

Instrument :
BNA_F
ClientSampleId :
VNJ-238MS

Tgt Ion:237 Resp: 24835
Ion Ratio Lower Upper
237 100
235 63.8 41.4 81.4
272 12.4 0.0 33.1

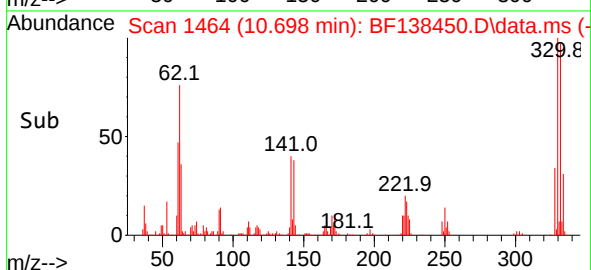
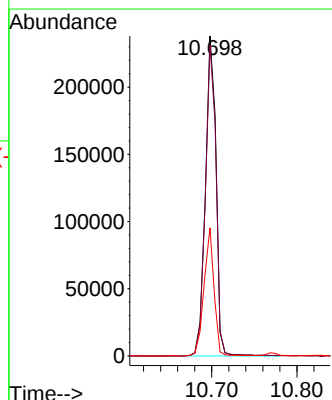
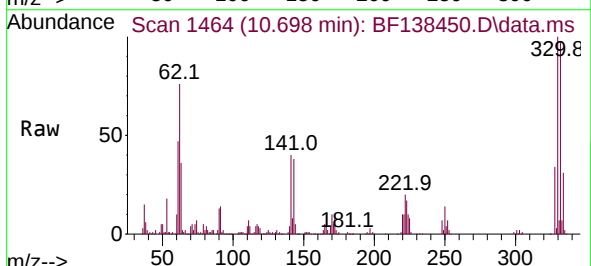
Manual Integrations
APPROVED

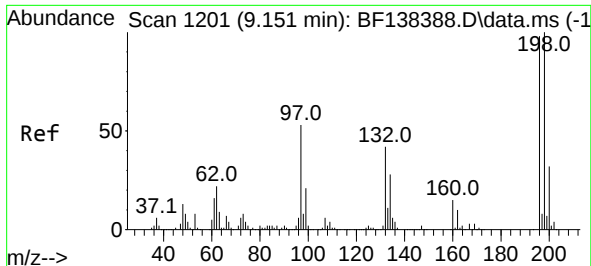
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#42
2,4,6-Tribromophenol
Concen: 110.290 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

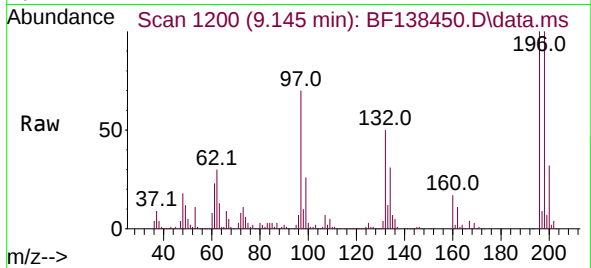
Tgt Ion:330 Resp: 206215
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.6
141 37.9 28.1 42.1





#43
2,4,6-Trichlorophenol
Concen: 52.785 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

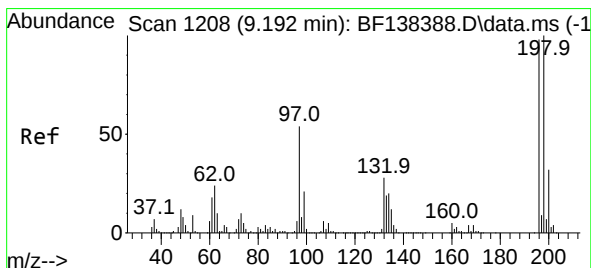
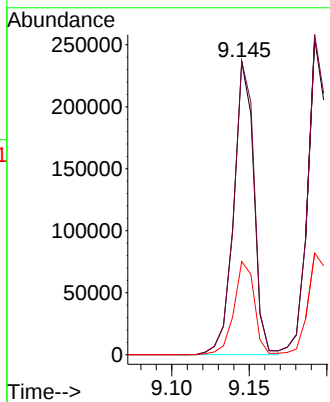
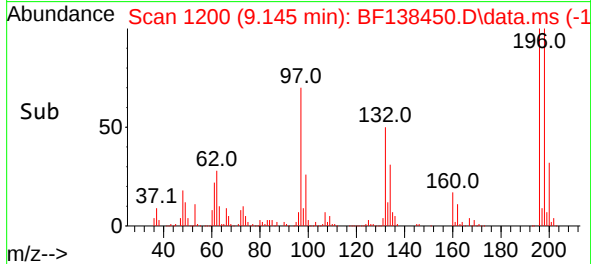
Instrument :
BNA_F
ClientSampleId :
VNJ-238MS



Tgt Ion:196 Resp: 212614
Ion Ratio Lower Upper
196 100
198 100.1 81.8 122.8
200 31.8 26.2 39.4

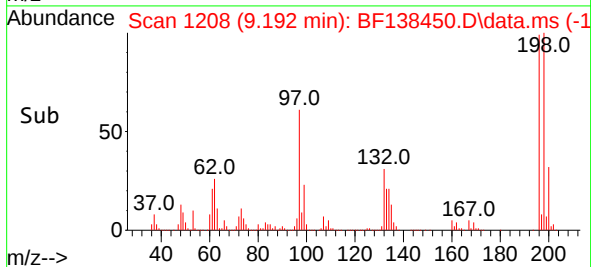
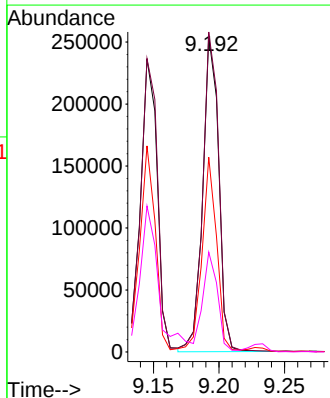
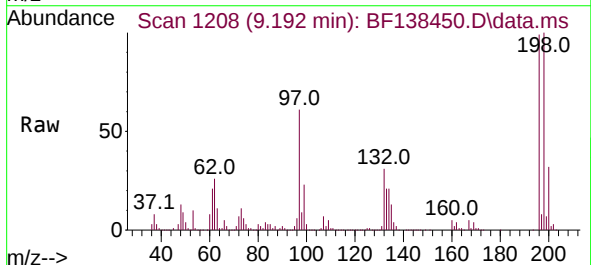
Manual Integrations
APPROVED

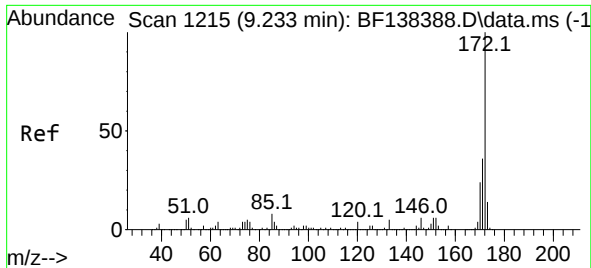
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#44
2,4,5-Trichlorophenol
Concen: 49.375 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.000 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

Tgt Ion:196 Resp: 216290
Ion Ratio Lower Upper
196 100
198 101.3 81.8 122.6
97 61.6 44.2 66.4
132 31.6 23.4 35.0





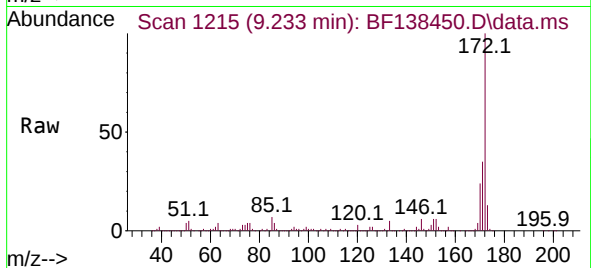
#45
2-Fluorobiphenyl
Concen: 90.404 ng
RT: 9.233 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

Instrument :

BNA_F

ClientSampleId :

VNJ-238MS

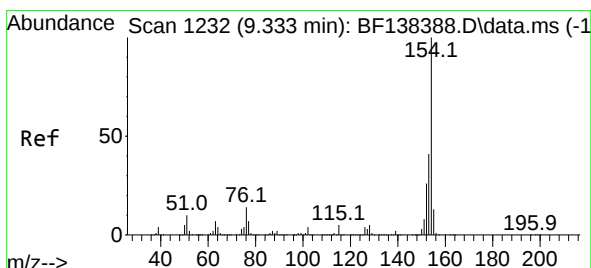
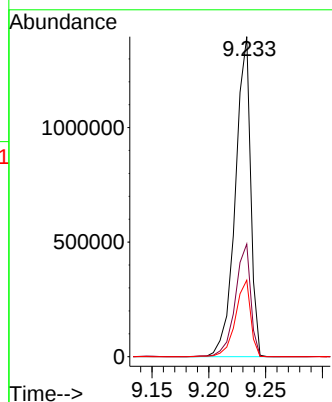
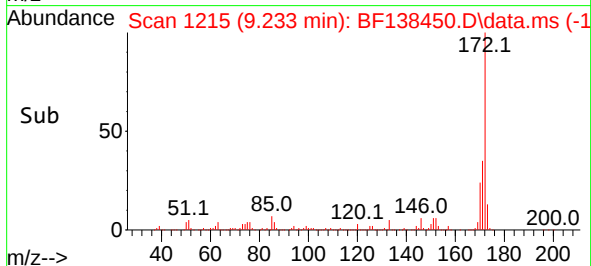


Tgt Ion:172 Resp: 1300018
Ion Ratio Lower Upper
172 100
171 35.2 29.0 43.4
170 23.9 19.0 28.6

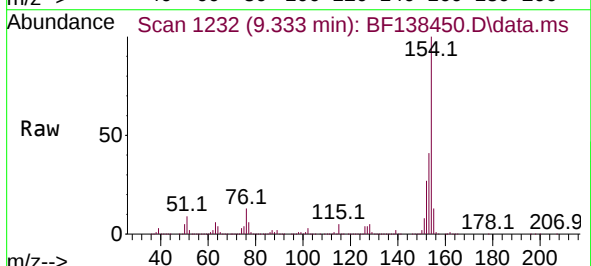
Manual Integrations

APPROVED

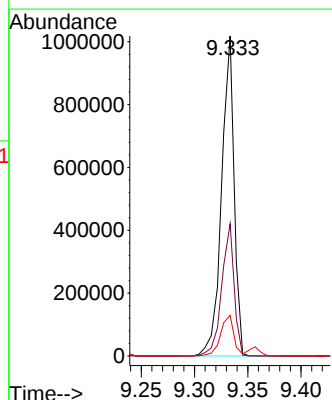
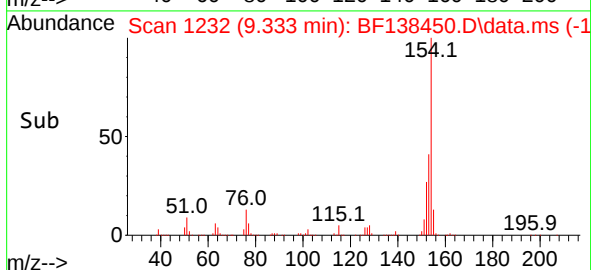
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

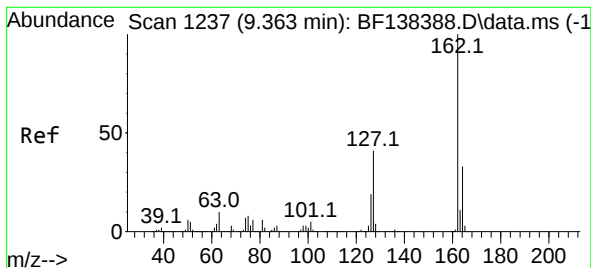


#46
1,1'-Biphenyl
Concen: 48.558 ng
RT: 9.333 min Scan# 1232
Delta R.T. -0.000 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10



Tgt Ion:154 Resp: 829743
Ion Ratio Lower Upper
154 100
153 41.4 20.5 60.5
76 12.7 0.0 34.4





#47

2-Chloronaphthalene

Concen: 49.845 ng

RT: 9.357 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BF138450.D

Acq: 03 Jul 2024 17:10

Instrument :

BNA_F

ClientSampleId :

VNJ-238MS

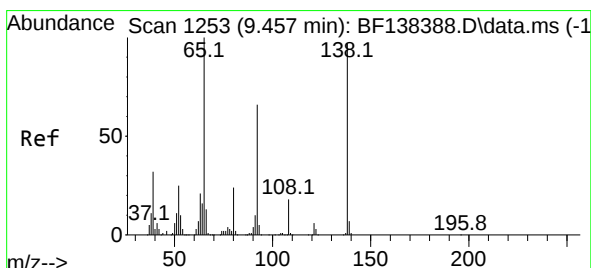
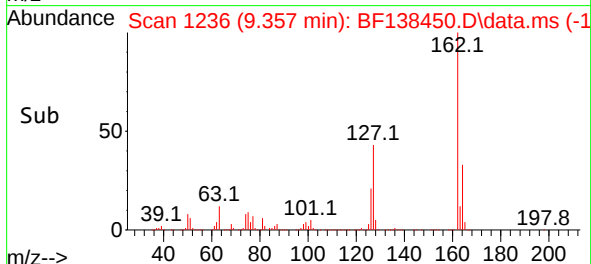
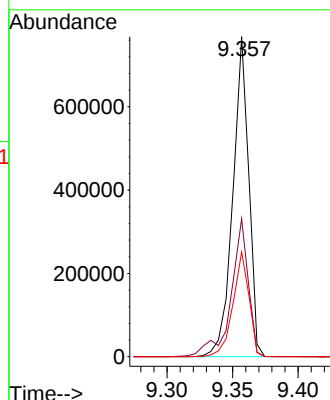
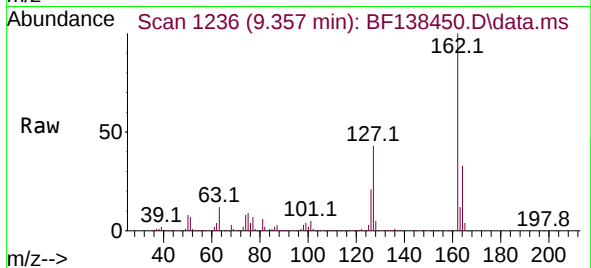
Tgt Ion:162 Resp: 649400
 Ion Ratio Lower Upper
 162 100
 127 43.1 32.7 49.1
 164 32.8 26.6 40.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#48

2-Nitroaniline

Concen: 54.154 ng

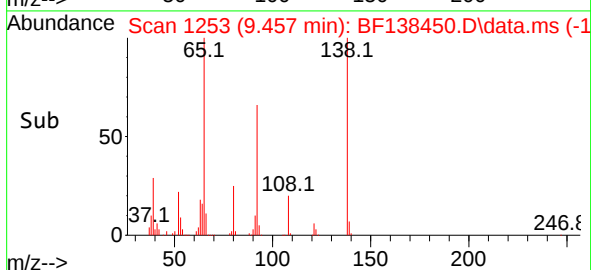
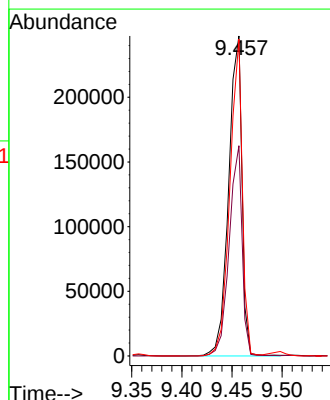
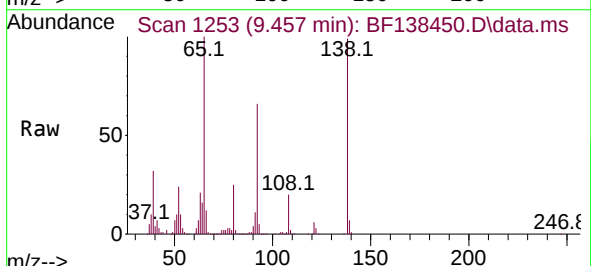
RT: 9.457 min Scan# 1253

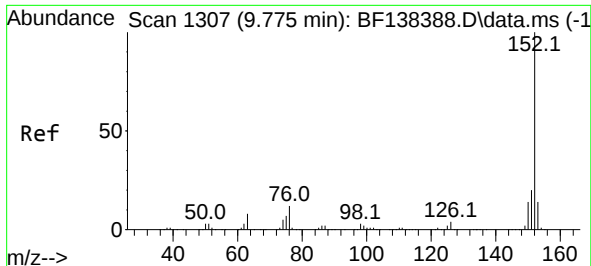
Delta R.T. -0.000 min

Lab File: BF138450.D

Acq: 03 Jul 2024 17:10

Tgt Ion: 65 Resp: 227588
 Ion Ratio Lower Upper
 65 100
 92 65.7 52.6 79.0
 138 99.0 77.4 116.0





#49

Acenaphthylene

Concen: 53.096 ng

RT: 9.774 min Scan# 11

Delta R.T. -0.001 min

Lab File: BF138450.D

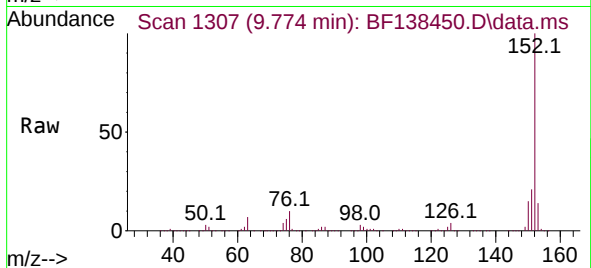
Acq: 03 Jul 2024 17:10

Instrument :

BNA_F

ClientSampleId :

VNJ-238MS



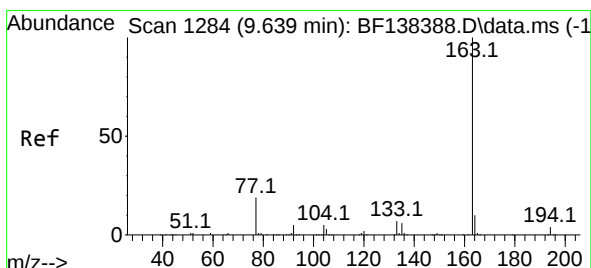
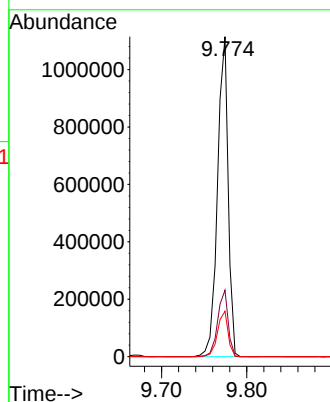
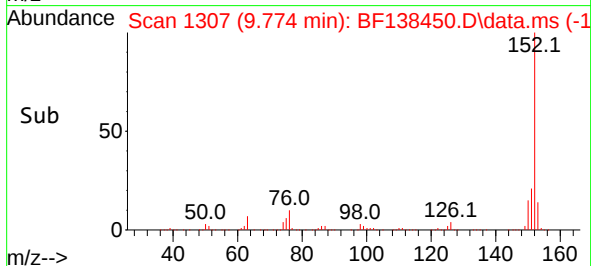
Tgt Ion:	152	Resp:	97287
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.2	24.4
153	14.2	11.4	17.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#50

Dimethylphthalate

Concen: 53.101 ng

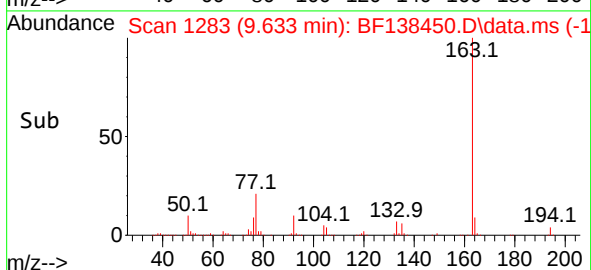
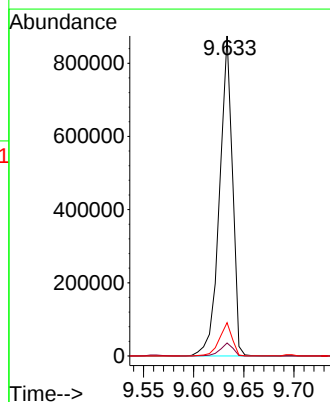
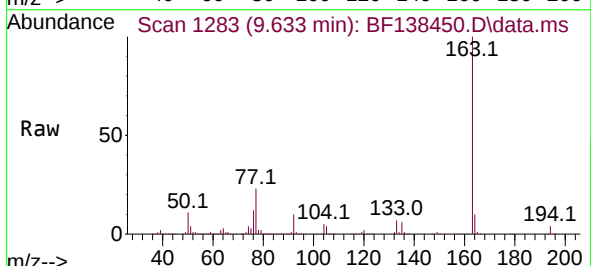
RT: 9.633 min Scan# 1283

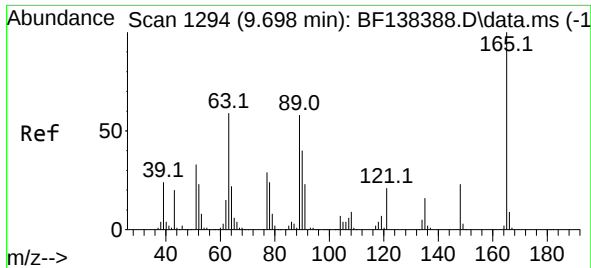
Delta R.T. -0.006 min

Lab File: BF138450.D

Acq: 03 Jul 2024 17:10

Tgt Ion:	163	Resp:	781001
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.5	5.3
164	10.4	8.2	12.4





#51
2,6-Dinitrotoluene
Concen: 49.652 ng
RT: 9.698 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

Instrument :

BNA_F

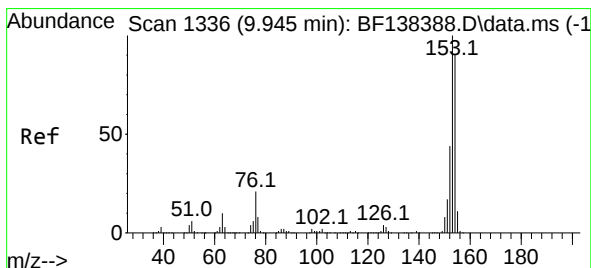
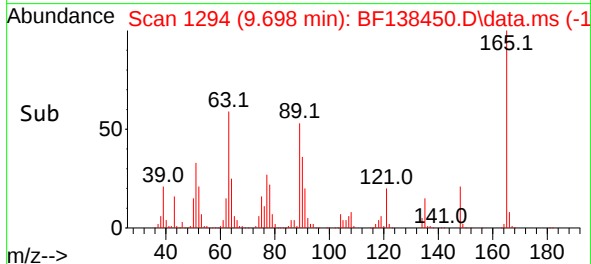
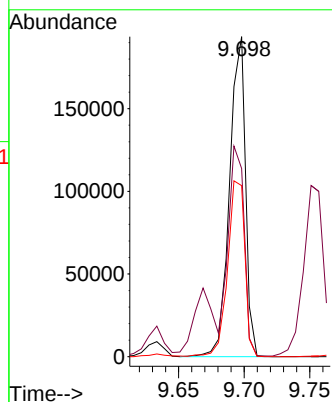
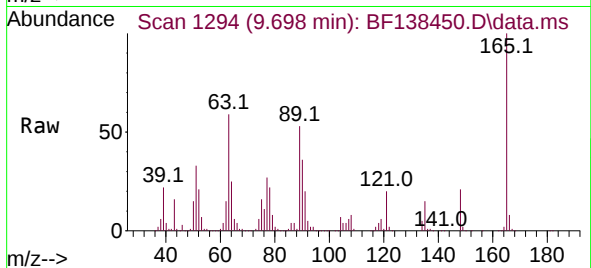
ClientSampleId :

VNJ-238MS

Tgt Ion:165 Resp: 16355
Ion Ratio Lower Upper
165 100
63 58.8 53.8 80.8
89 53.5 46.4 69.6

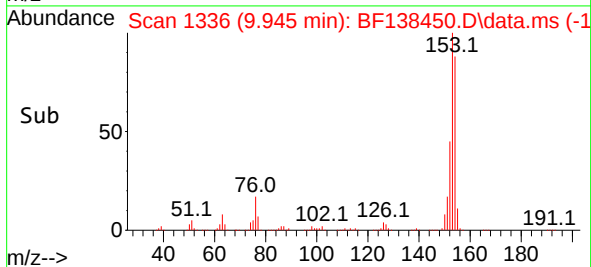
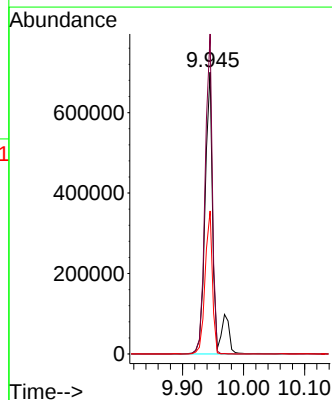
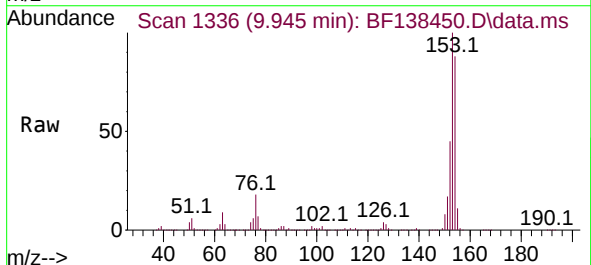
Manual Integrations
APPROVED

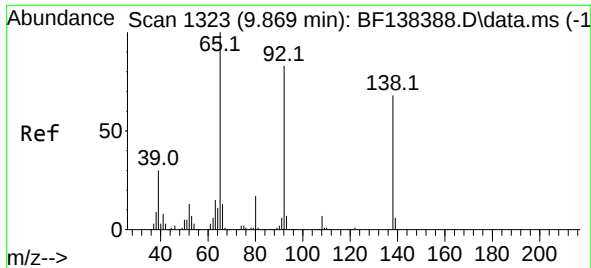
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#52
Acenaphthene
Concen: 53.328 ng m
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

Tgt Ion:154 Resp: 669063
Ion Ratio Lower Upper
154 100
153 113.6 89.4 134.0
152 50.8 39.7 59.5





#53
3-Nitroaniline
Concen: 29.563 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

Instrument :

BNA_F

ClientSampleId :

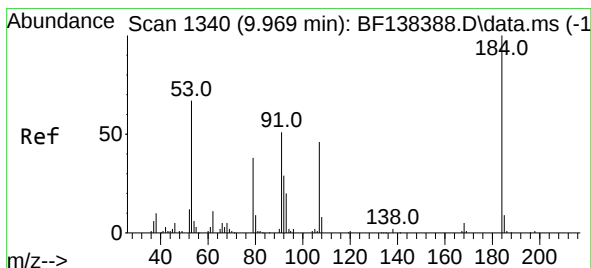
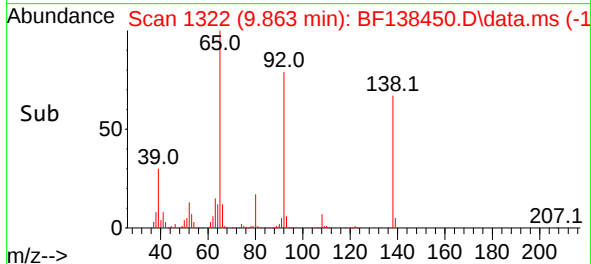
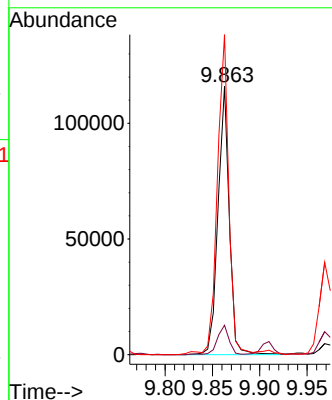
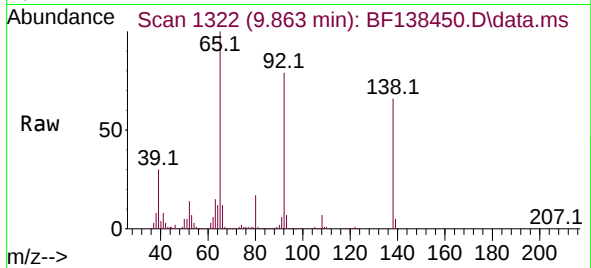
VNJ-238MS

Tgt Ion:138 Resp: 96179
Ion Ratio Lower Upper
138 100
108 11.0 8.6 12.8
92 119.3 97.3 145.9

Manual Integrations

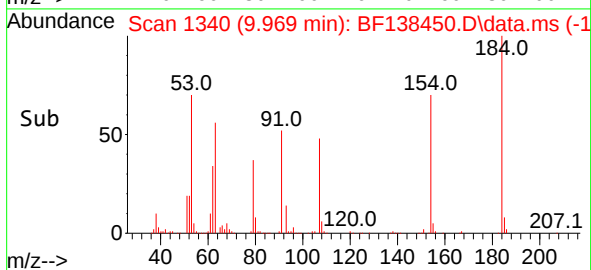
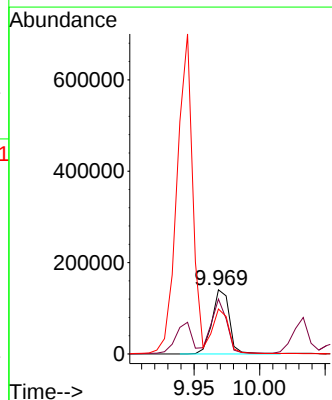
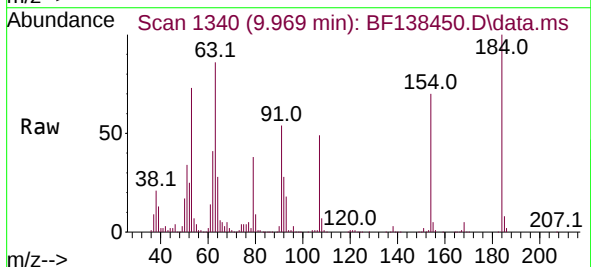
APPROVED

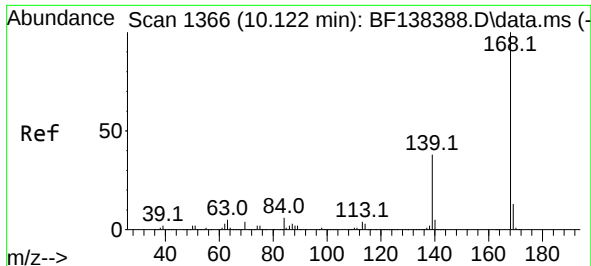
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#54
2,4-Dinitrophenol
Concen: 91.501 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

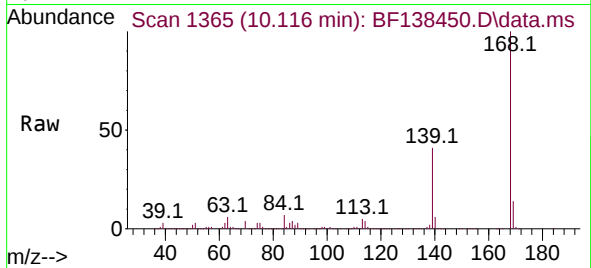
Tgt Ion:184 Resp: 129499
Ion Ratio Lower Upper
184 100
63 85.5 67.3 100.9
154 70.0 51.0 76.4





#55
Dibenzenofuran
Concen: 48.716 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

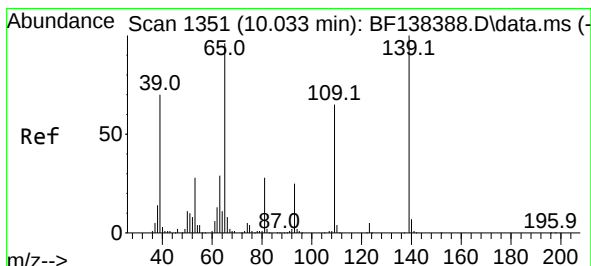
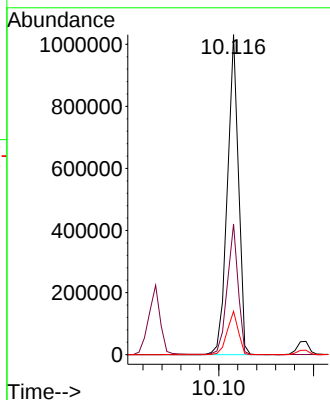
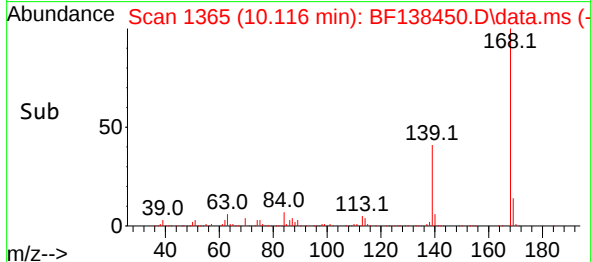
Instrument :
BNA_F
ClientSampleId :
VNJ-238MS



Tgt Ion:168 Resp: 842129
Ion Ratio Lower Upper
168 100
139 40.9 30.4 45.6
169 13.6 10.7 16.1

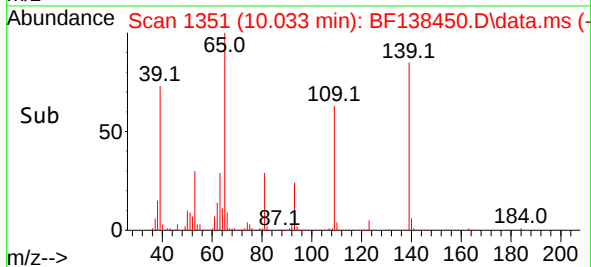
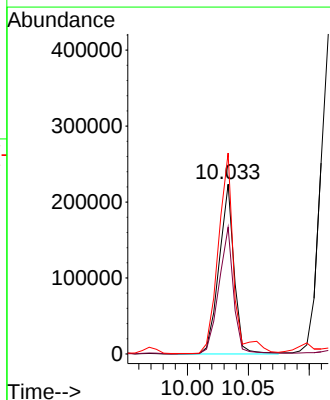
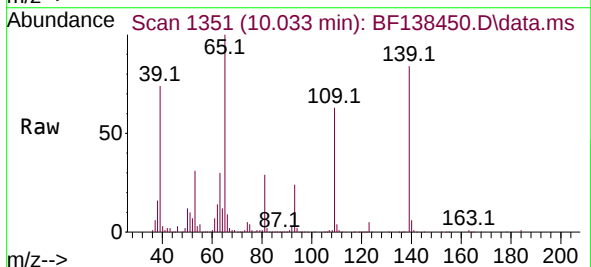
Manual Integrations
APPROVED

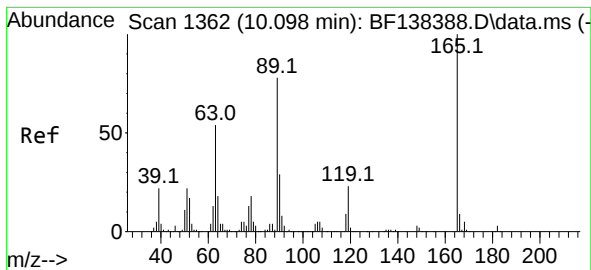
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#56
4-Nitrophenol
Concen: 90.870 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

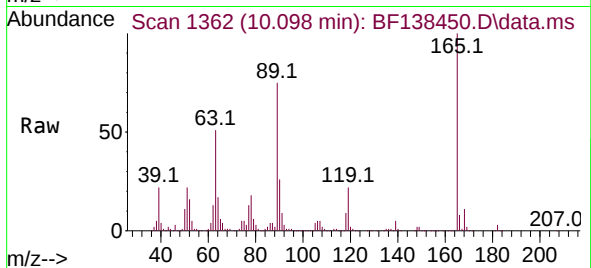
Tgt Ion:139 Resp: 191681
Ion Ratio Lower Upper
139 100
109 74.7 44.6 84.6
65 118.4 75.9 115.9#





#57
2,4-Dinitrotoluene
Concen: 49.253 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

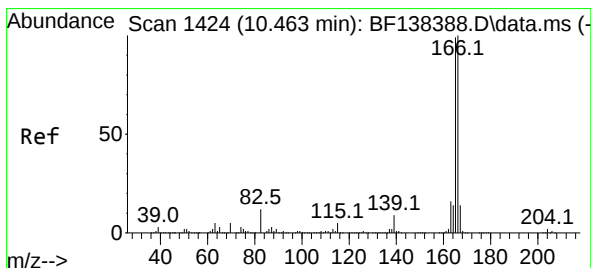
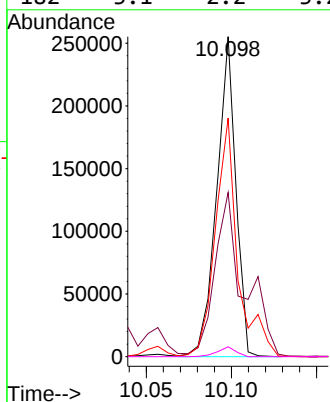
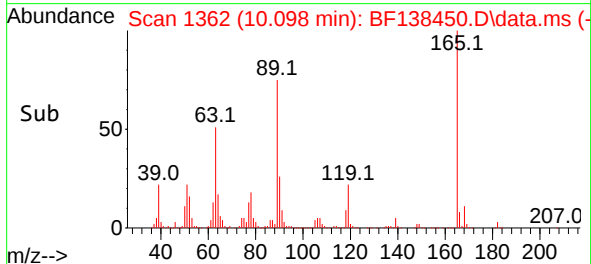
Instrument :
BNA_F
ClientSampleId :
VNJ-238MS



Tgt Ion:165 Resp: 199760
Ion Ratio Lower Upper
165 100
63 51.3 43.4 65.2
89 74.5 62.6 93.8
182 3.1 2.2 3.2

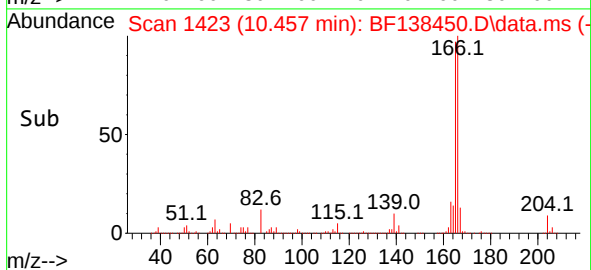
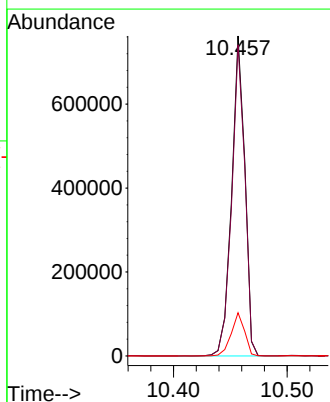
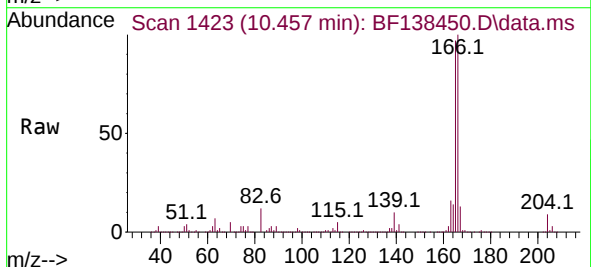
Manual Integrations
APPROVED

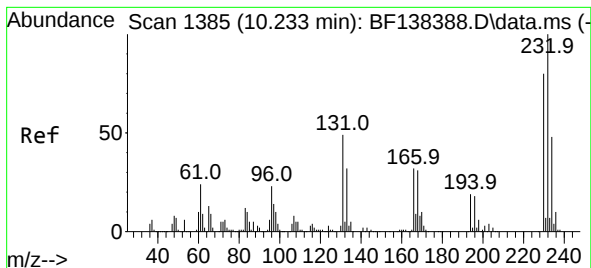
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#58
Fluorene
Concen: 44.623 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

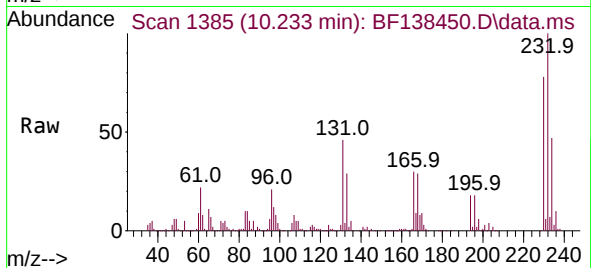
Tgt Ion:166 Resp: 612923
Ion Ratio Lower Upper
166 100
165 97.2 79.0 118.6
167 13.5 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.505 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

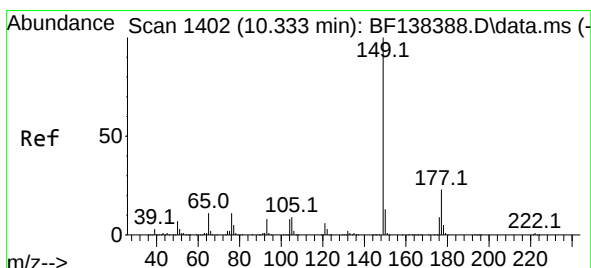
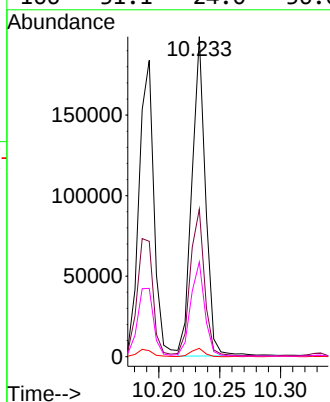
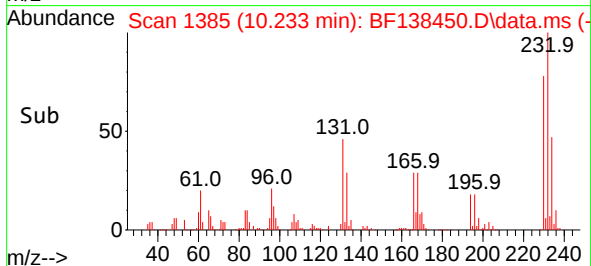
Instrument :
BNA_F
ClientSampleId :
VNJ-238MS



Tgt Ion:232 Resp: 154560
Ion Ratio Lower Upper
232 100
131 49.0 36.6 55.0
130 2.6 1.8 2.8
166 31.1 24.0 36.0

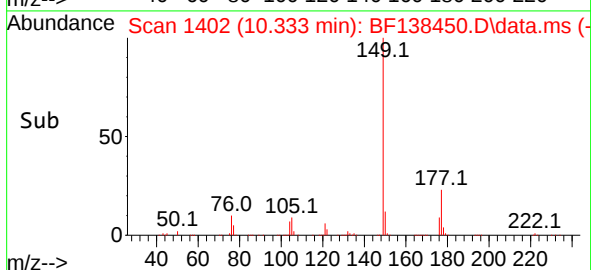
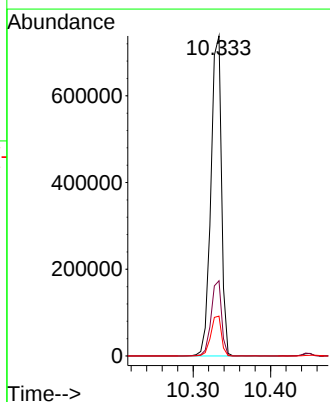
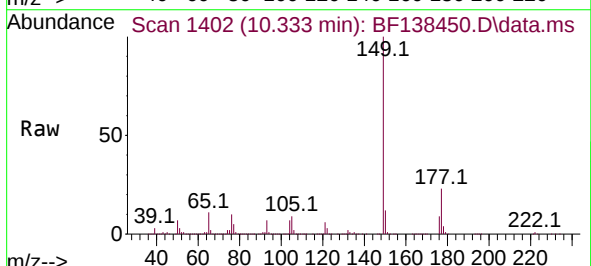
Manual Integrations
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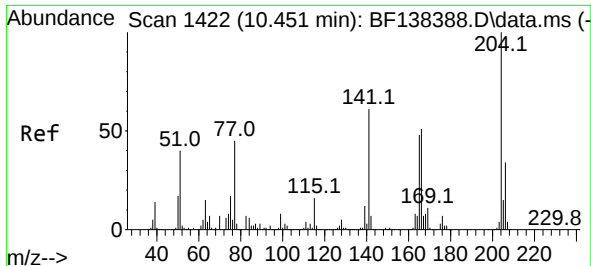
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#60
Diethylphthalate
Concen: 50.765 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

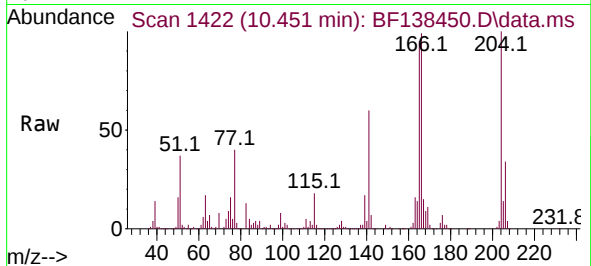
Tgt Ion:149 Resp: 698081
Ion Ratio Lower Upper
149 100
177 23.5 18.4 27.6
150 12.4 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 44.815 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

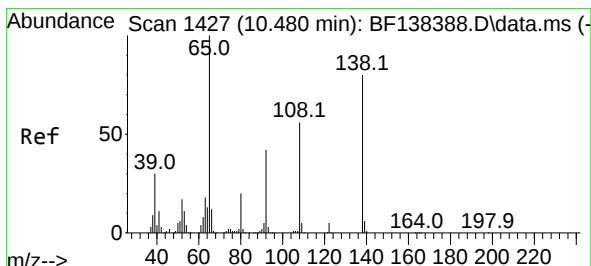
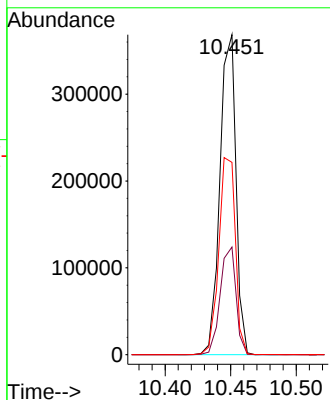
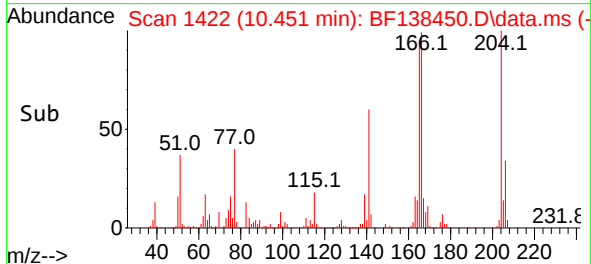
Instrument :
BNA_F
ClientSampleId :
VNJ-238MS



Tgt Ion:204 Resp: 312324
Ion Ratio Lower Upper
204 100
206 33.7 27.1 40.7
141 60.1 48.4 72.6

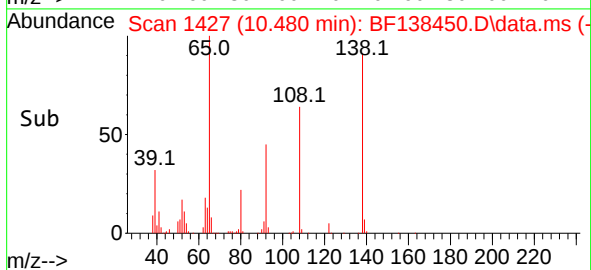
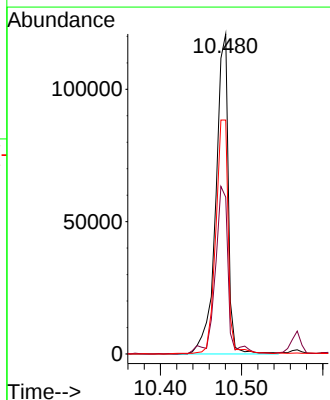
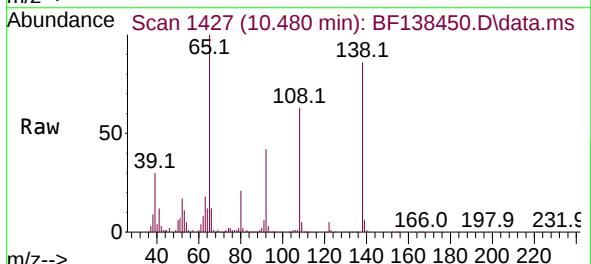
Manual Integrations
APPROVED

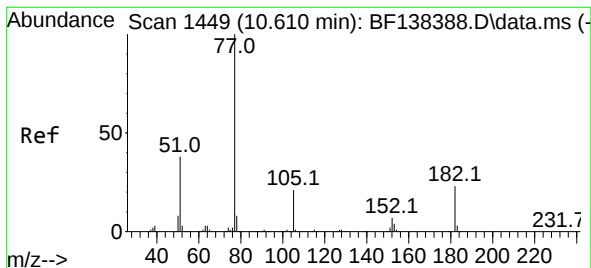
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#62
4-Nitroaniline
Concen: 43.233 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

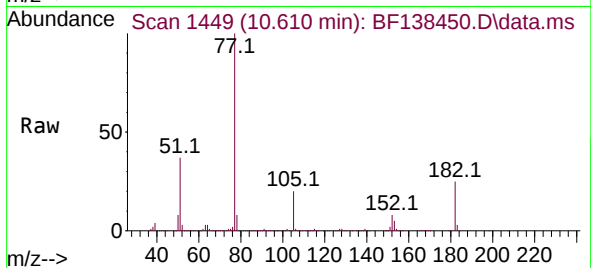
Tgt Ion:138 Resp: 129099
Ion Ratio Lower Upper
138 100
92 49.0 32.6 72.6
108 73.1 50.3 90.3





#63
Azobenzene
Concen: 47.210 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

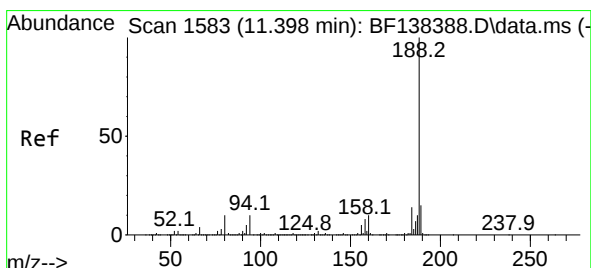
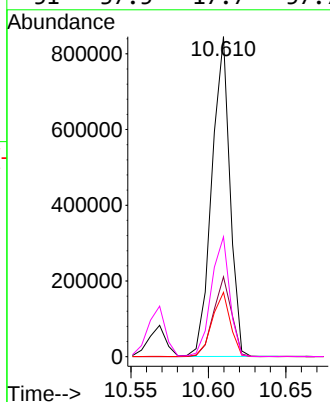
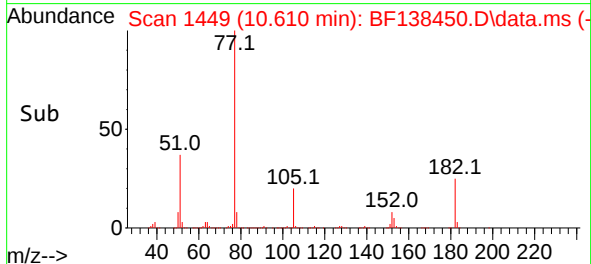
Instrument :
BNA_F
ClientSampleId :
VNJ-238MS



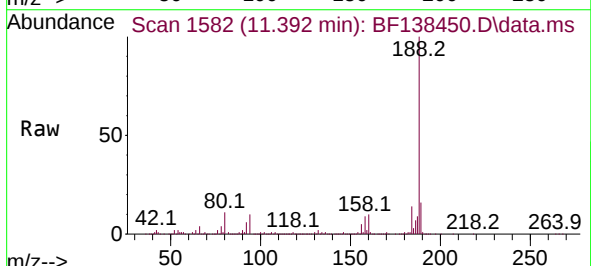
Tgt Ion: 77 Resp: 685609
Ion Ratio Lower Upper
77 100
182 25.0 2.7 42.7
105 20.1 0.6 40.6
51 37.5 17.7 57.7

Manual Integrations
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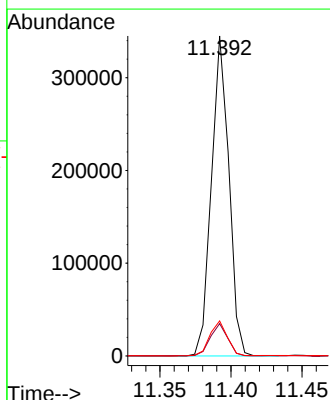
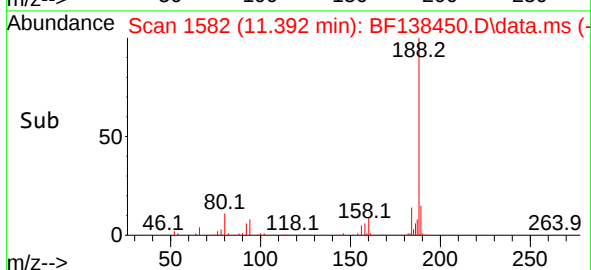
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

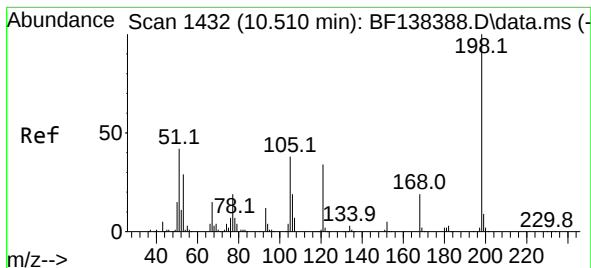


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10



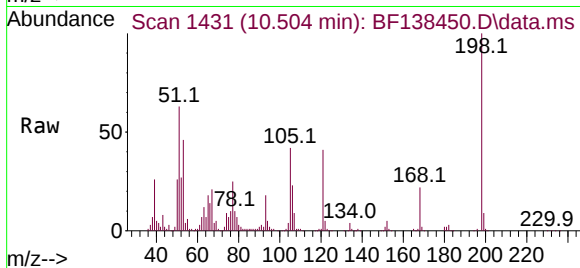
Tgt Ion:188 Resp: 294704
Ion Ratio Lower Upper
188 100
94 10.1 8.0 12.0
80 11.0 8.2 12.4





#65
4,6-Dinitro-2-methylphenol
Concen: 57.954 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

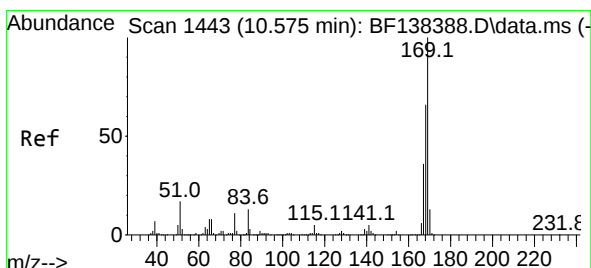
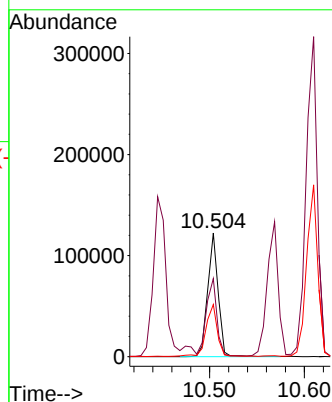
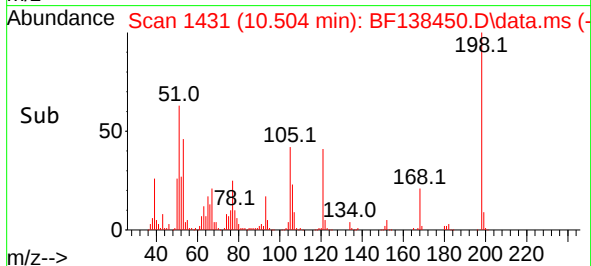
Instrument :
BNA_F
ClientSampleId :
VNJ-238MS



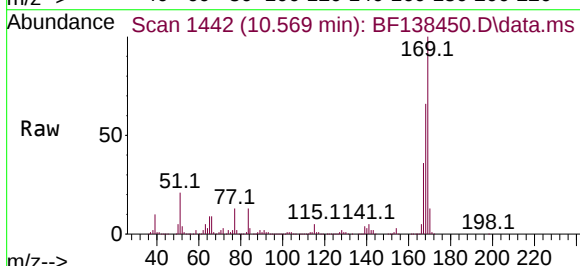
Tgt Ion:198 Resp: 93608
Ion Ratio Lower Upper
198 100
51 63.2 27.9 67.9
105 42.2 18.2 58.2

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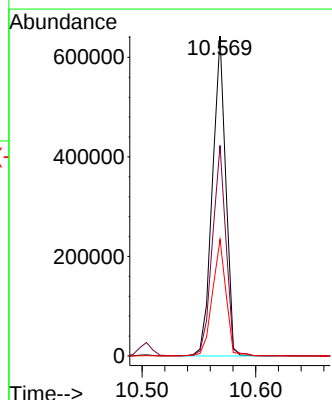
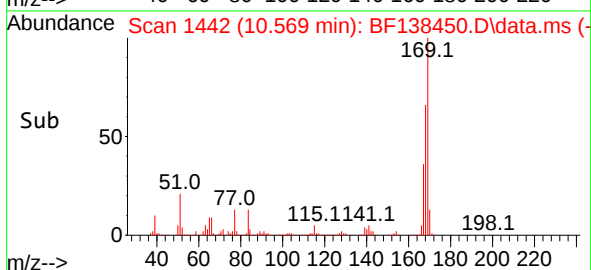
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

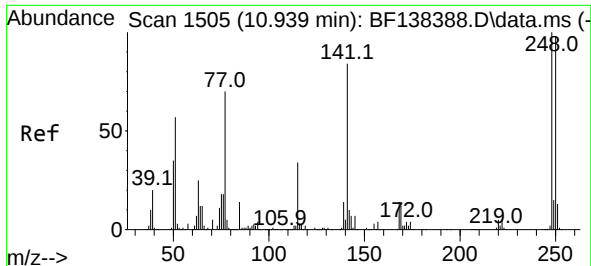


#66
n-Nitrosodiphenylamine
Concen: 57.110 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10



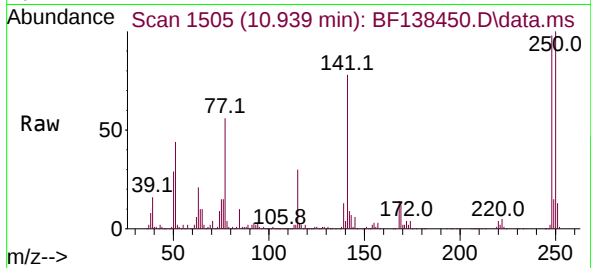
Tgt Ion:169 Resp: 522499
Ion Ratio Lower Upper
169 100
168 65.8 52.5 78.7
167 36.5 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 53.448 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

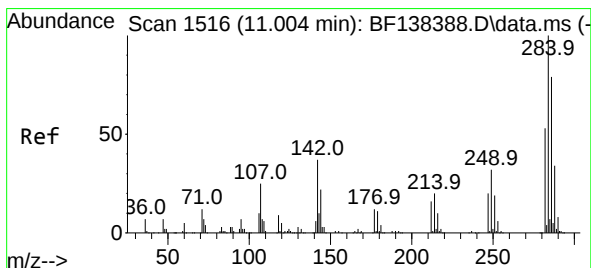
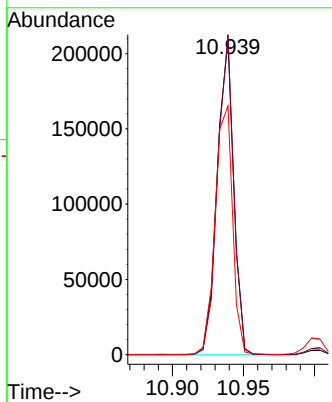
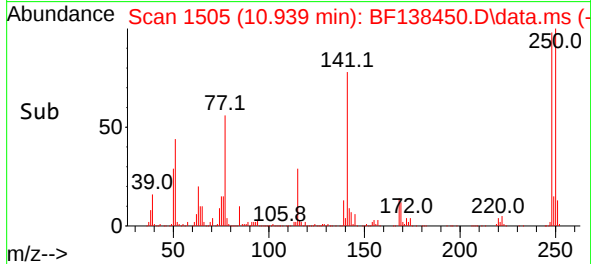
Instrument :
BNA_F
ClientSampleId :
VNJ-238MS



Tgt Ion:248 Resp: 16930
Ion Ratio Lower Upper
248 100
250 101.8 78.2 117.4
141 79.2 67.6 101.4

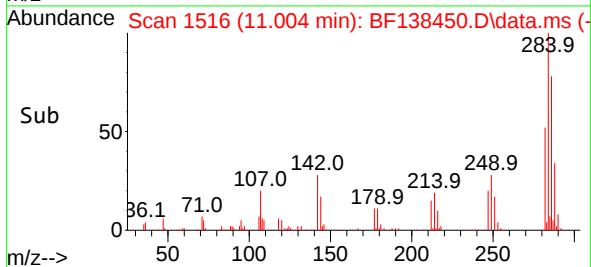
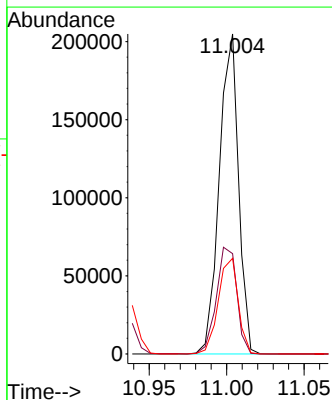
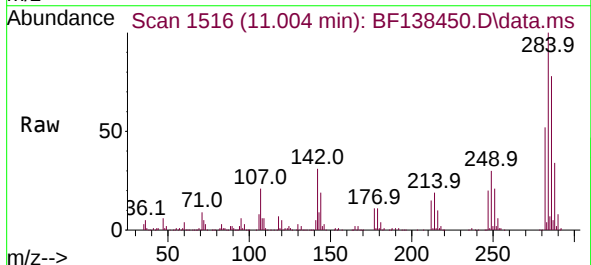
Manual Integrations
APPROVED

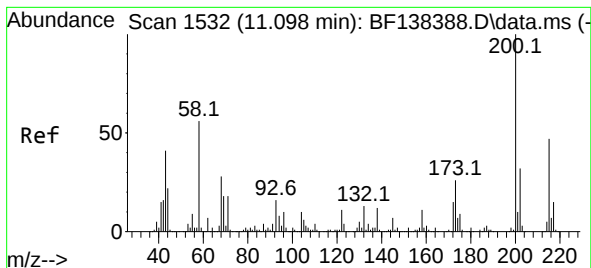
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#68
Hexachlorobenzene
Concen: 50.557 ng
RT: 11.004 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

Tgt Ion:284 Resp: 176516
Ion Ratio Lower Upper
284 100
142 31.4 29.2 43.8
249 29.9 25.8 38.6





#69

Atrazine

Concen: 56.622 ng

RT: 11.092 min Scan# 1532

Delta R.T. -0.006 min

Lab File: BF138450.D

Acq: 03 Jul 2024 17:10

Instrument :

BNA_F

ClientSampleId :

VNJ-238MS

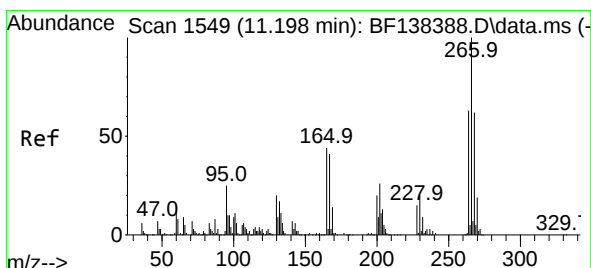
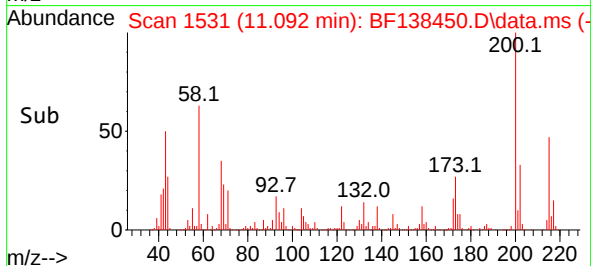
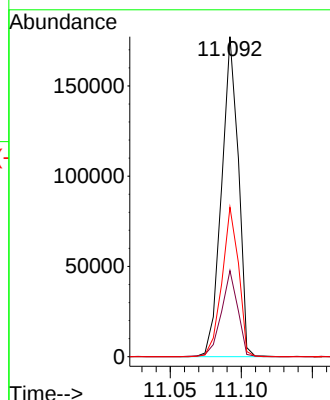
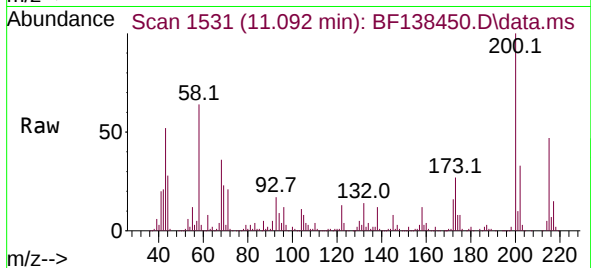
Tgt Ion:200 Resp: 14524
 Ion Ratio Lower Upper
 200 100
 173 26.9 6.2 46.2
 215 46.7 27.4 67.4

Manual Integrations

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Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#70

Pentachlorophenol

Concen: 103.680 ng

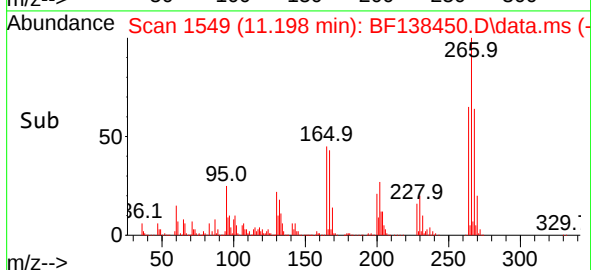
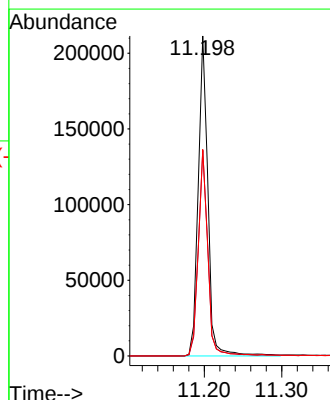
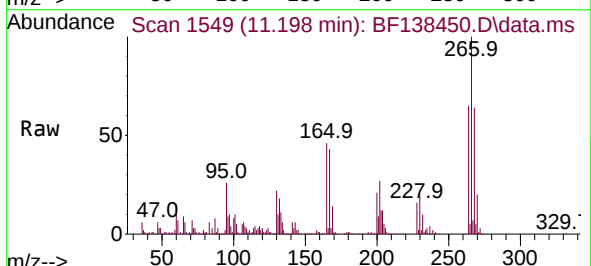
RT: 11.198 min Scan# 1549

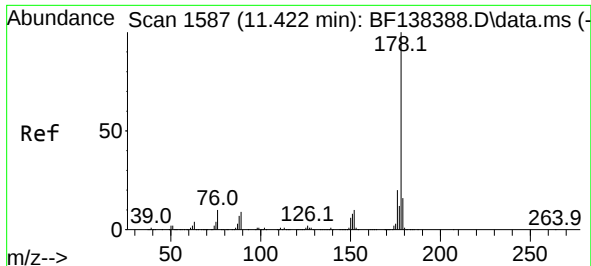
Delta R.T. -0.000 min

Lab File: BF138450.D

Acq: 03 Jul 2024 17:10

Tgt Ion:266 Resp: 183727
 Ion Ratio Lower Upper
 266 100
 268 64.3 49.9 74.9
 264 64.5 50.0 75.0





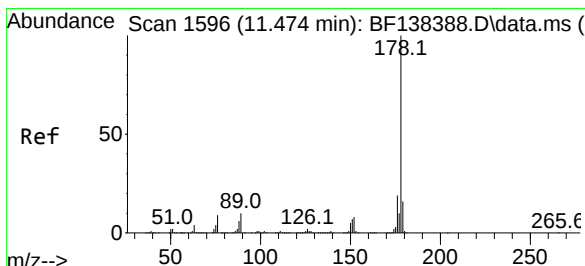
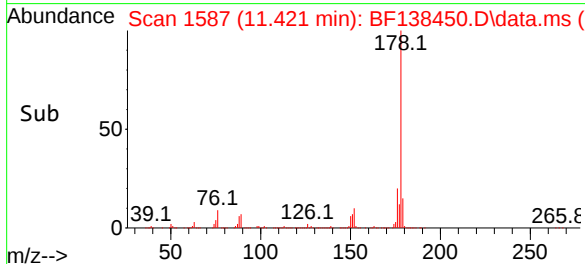
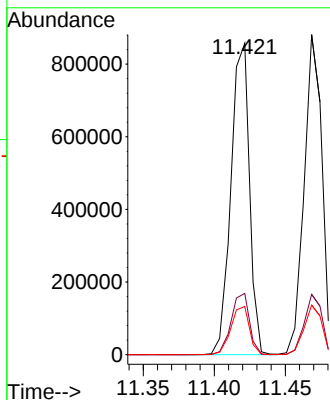
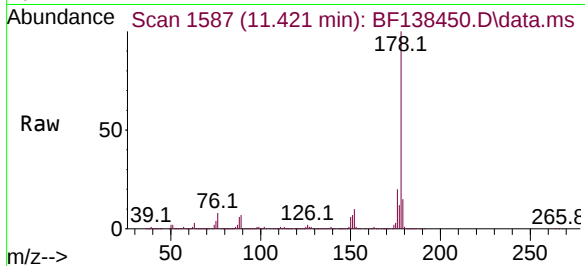
#71
Phenanthrene
Concen: 54.278 ng
RT: 11.421 min Scan# 11422
Delta R.T. -0.000 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

Instrument :
BNA_F
ClientSampleId :
VNJ-238MS

Tgt Ion:178 Resp: 78099
Ion Ratio Lower Upper
178 100
176 19.7 16.1 24.1
179 15.5 12.6 18.8

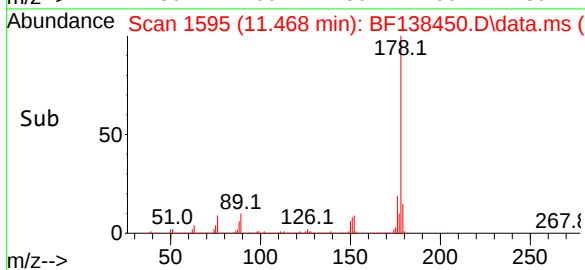
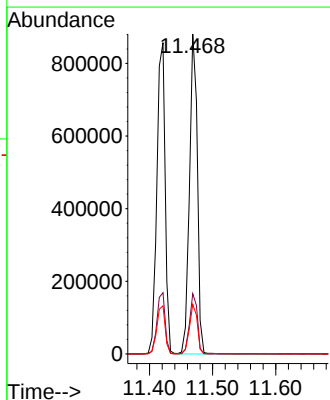
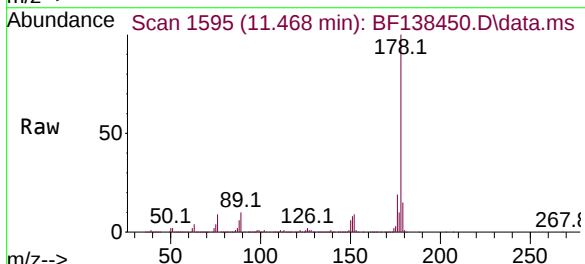
Manual Integrations
APPROVED

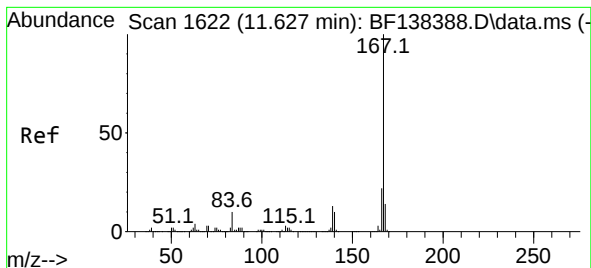
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#72
Anthracene
Concen: 53.416 ng
RT: 11.468 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

Tgt Ion:178 Resp: 766485
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.5 12.7 19.1





#73

Carbazole

Concen: 54.343 ng

RT: 11.627 min Scan# 1622

Delta R.T. -0.000 min

Lab File: BF138450.D

Acq: 03 Jul 2024 17:10

Instrument :

BNA_F

ClientSampleId :

VNJ-238MS

Tgt Ion:167 Resp: 647389

Ion Ratio Lower Upper

167 100

166 20.7 17.7 26.5

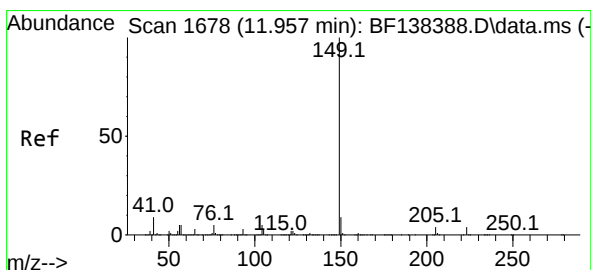
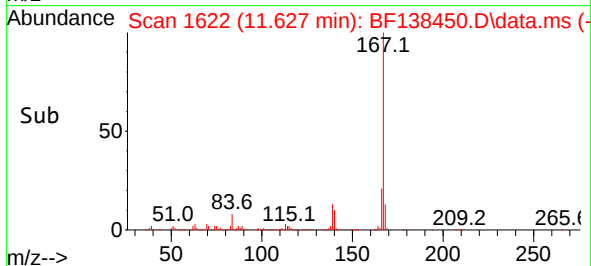
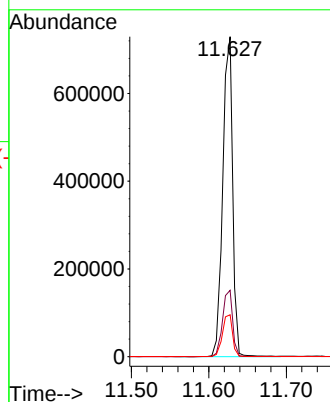
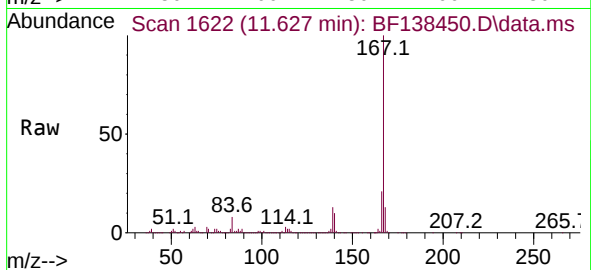
139 13.1 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#74

Di-n-butylphthalate

Concen: 53.559 ng

RT: 11.951 min Scan# 1677

Delta R.T. -0.006 min

Lab File: BF138450.D

Acq: 03 Jul 2024 17:10

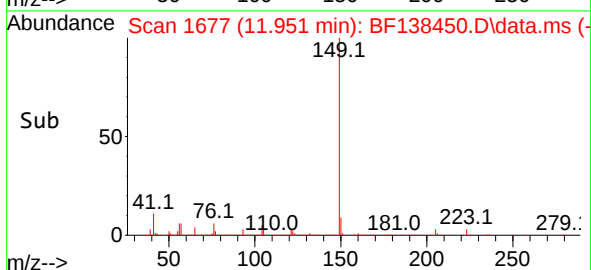
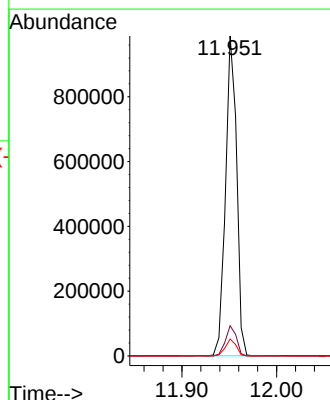
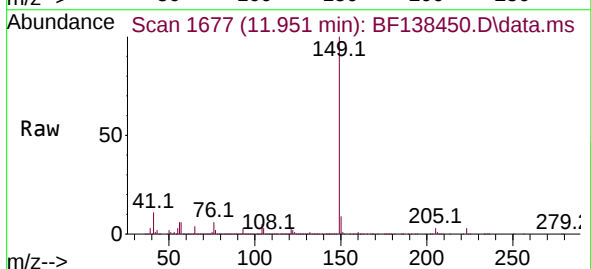
Tgt Ion:149 Resp: 808602

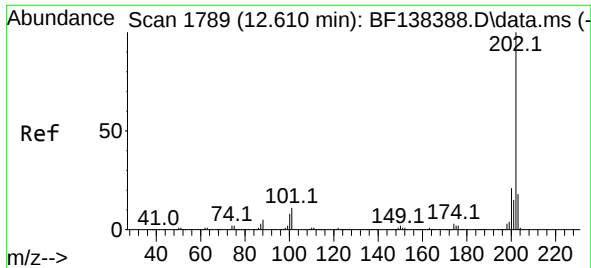
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

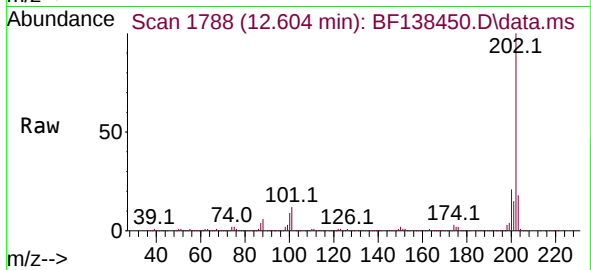
104 5.3 3.8 5.8





#75
Fluoranthene
Concen: 63.141 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

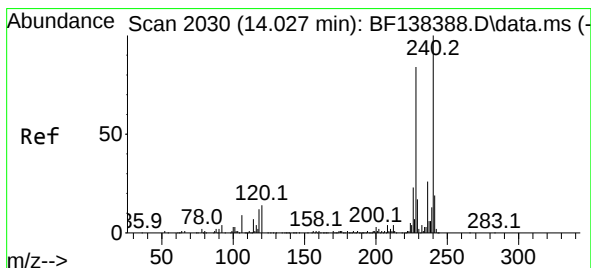
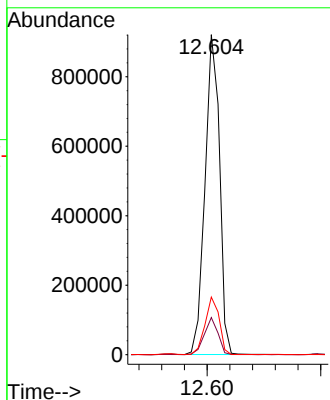
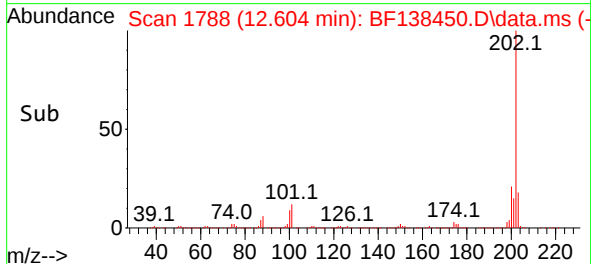
Instrument :
BNA_F
ClientSampleId :
VNJ-238MS



Tgt Ion:202 Resp: 814490
Ion Ratio Lower Upper
202 100
101 11.6 0.0 30.5
203 18.0 0.0 37.6

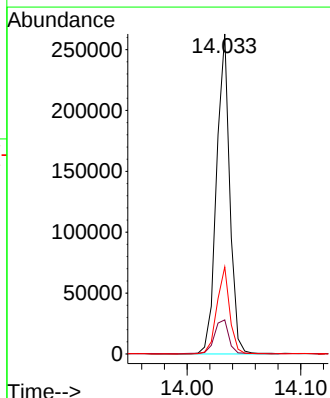
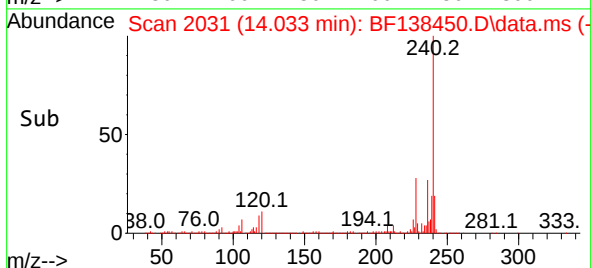
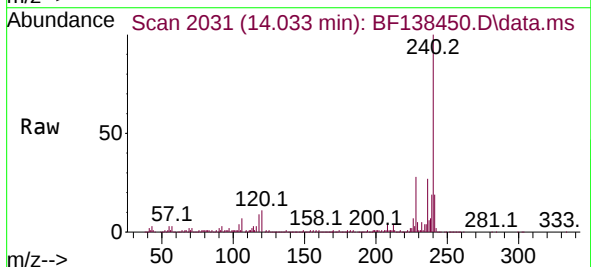
Manual Integrations
APPROVED

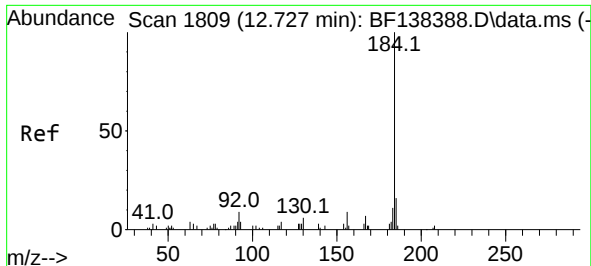
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

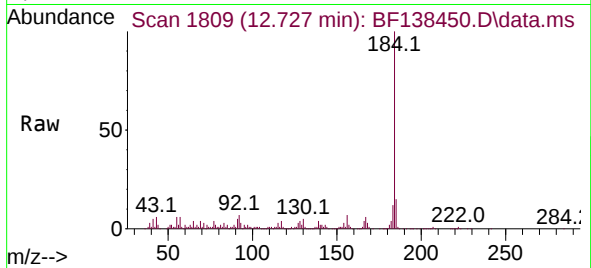
Tgt Ion:240 Resp: 212342
Ion Ratio Lower Upper
240 100
120 10.6 10.9 16.3#
236 27.2 20.6 30.8





#77
Benzidine
Concen: 57.348 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

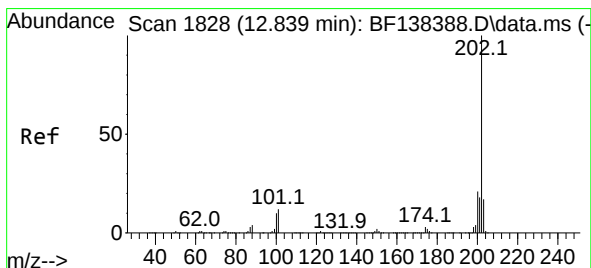
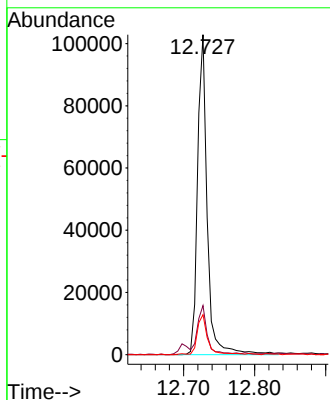
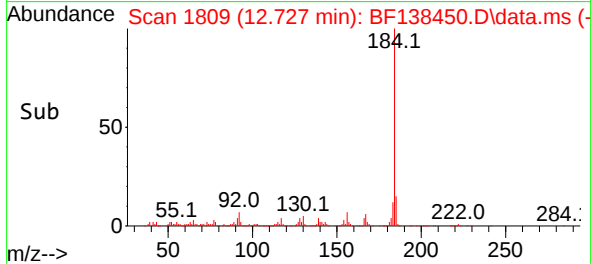
Instrument :
BNA_F
ClientSampleId :
VNJ-238MS



Tgt Ion:184 Resp: 97375
Ion Ratio Lower Upper
184 100
185 15.3 13.0 19.4
183 12.5 9.0 13.6

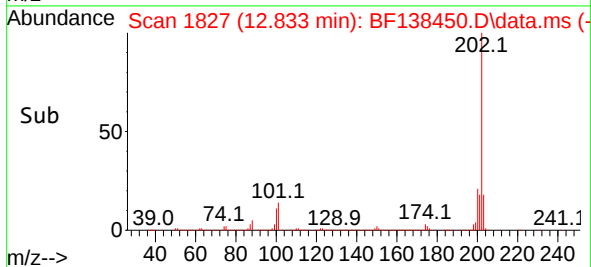
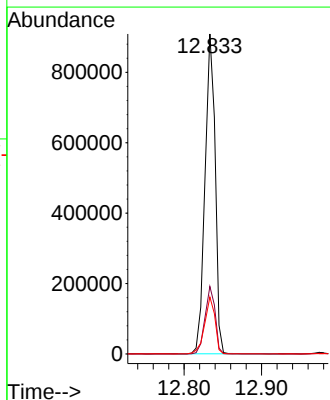
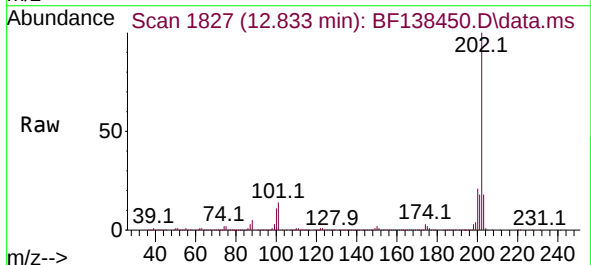
Manual Integrations
APPROVED

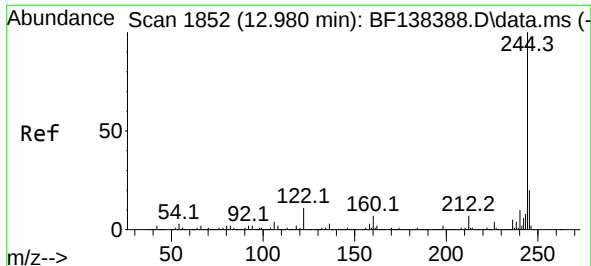
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#78
Pyrene
Concen: 36.474 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

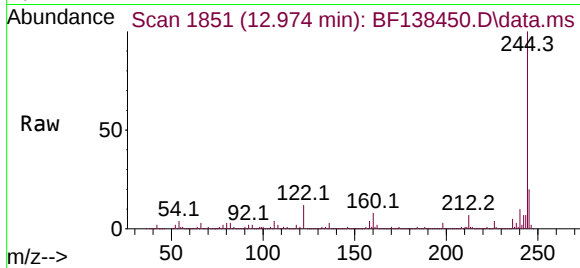
Tgt Ion:202 Resp: 827770
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.8 13.8 20.8





#79
 Terphenyl-d14
 Concen: 61.505 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF138450.D
 Acq: 03 Jul 2024 17:10

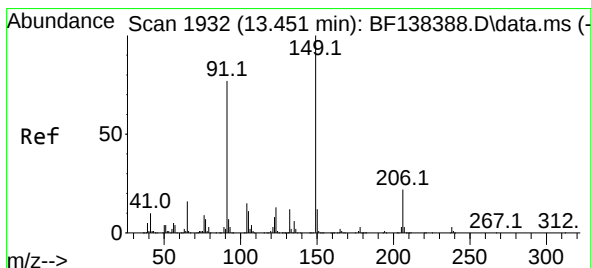
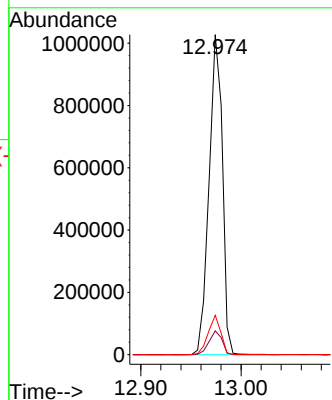
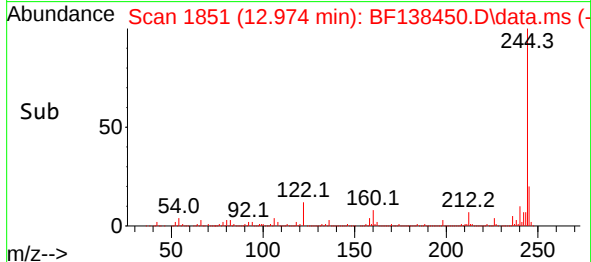
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-238MS



Tgt Ion:244 Resp: 953000
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.6 8.4
 122 12.3 9.0 13.4

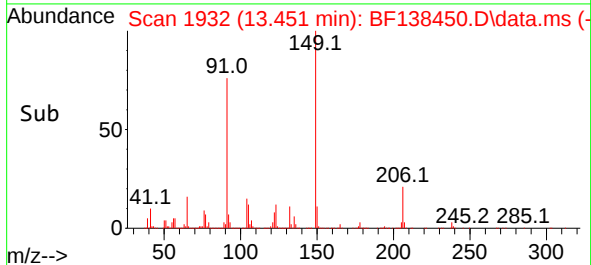
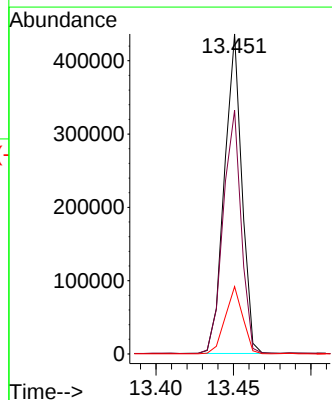
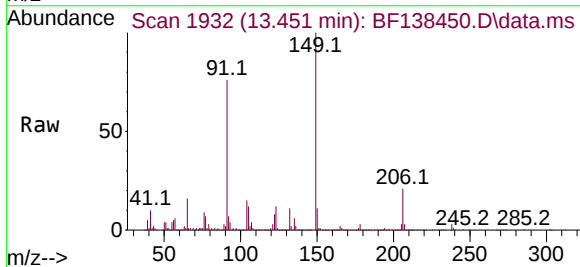
Manual Integrations
 APPROVED

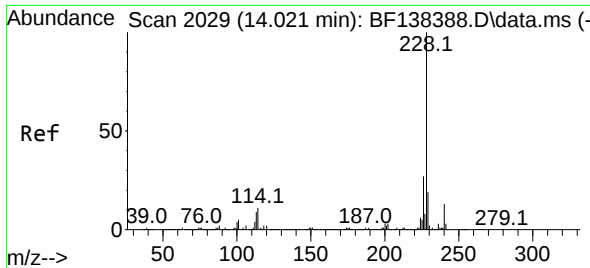
Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024



#80
 Butylbenzylphthalate
 Concen: 49.405 ng
 RT: 13.451 min Scan# 1932
 Delta R.T. -0.000 min
 Lab File: BF138450.D
 Acq: 03 Jul 2024 17:10

Tgt Ion:149 Resp: 341186
 Ion Ratio Lower Upper
 149 100
 91 76.1 62.0 93.0
 206 21.0 17.6 26.4





#81
Benzo(a)anthracene
Concen: 53.991 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

Instrument :

BNA_F

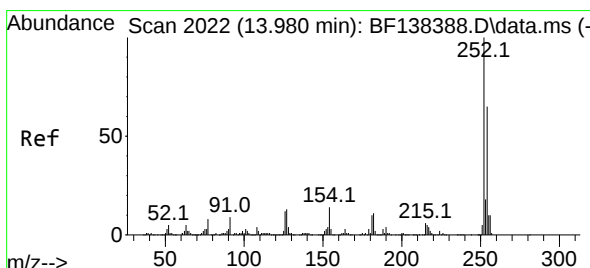
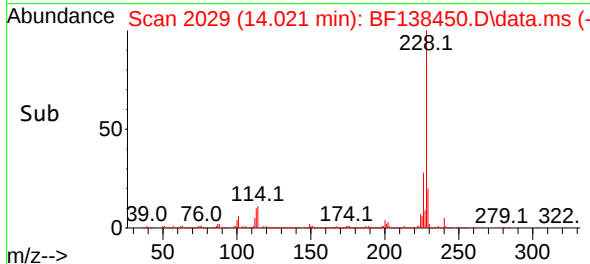
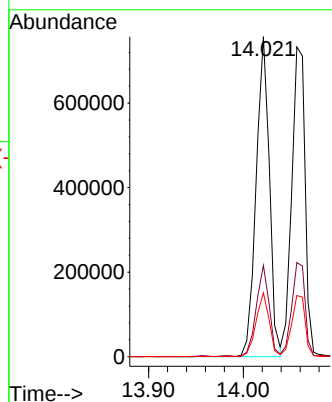
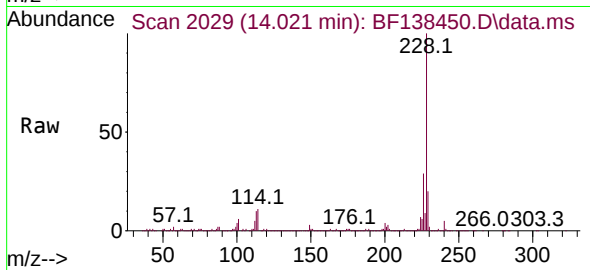
ClientSampleId :

VNJ-238MS

Tgt Ion:228 Resp: 737920
Ion Ratio Lower Upper
228 100
226 28.5 21.7 32.5
229 20.0 15.5 23.3

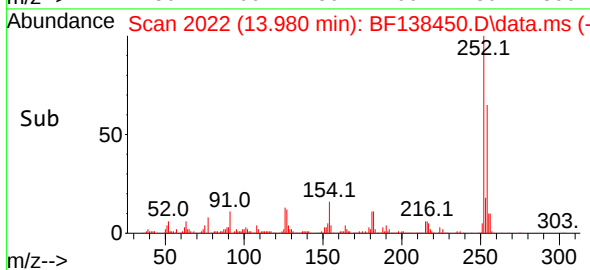
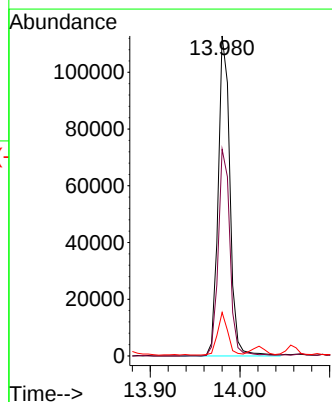
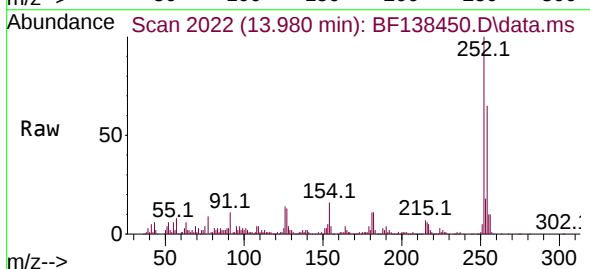
Manual Integrations
APPROVED

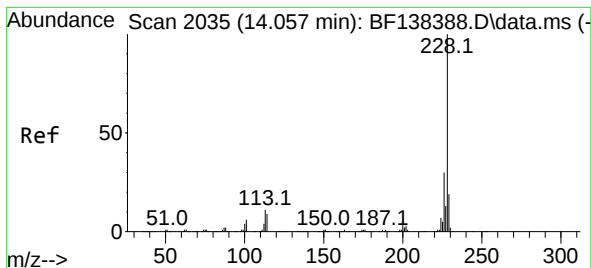
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#82
3,3'-Dichlorobenzidine
Concen: 25.458 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

Tgt Ion:252 Resp: 102730
Ion Ratio Lower Upper
252 100
254 64.6 51.8 77.6
126 13.6 9.5 14.3





#83

Chrysene

Concen: 53.756 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF138450.D

Acq: 03 Jul 2024 17:10

Instrument :

BNA_F

ClientSampleId :

VNJ-238MS

Tgt Ion:228 Resp: 714910

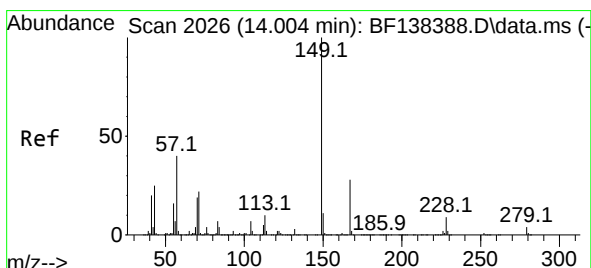
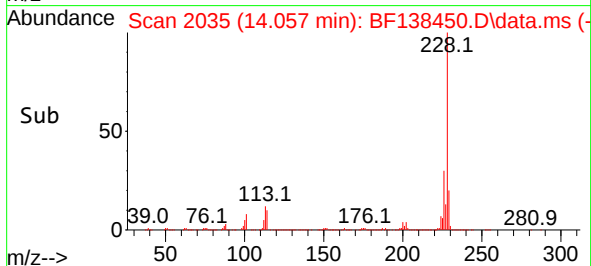
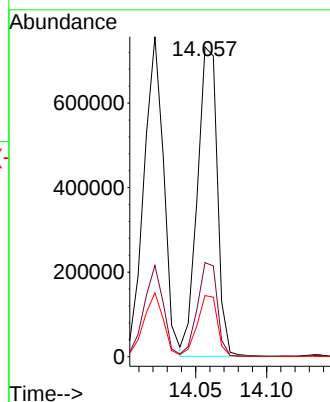
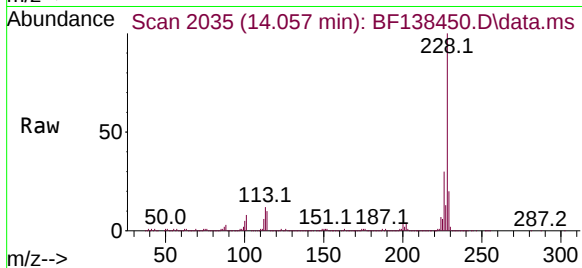
Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.8	35.6
229	19.7	15.2	22.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.868 ng

RT: 14.009 min Scan# 2027

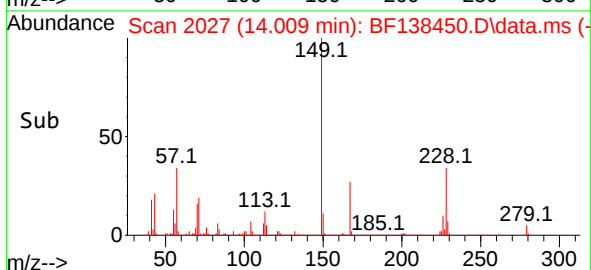
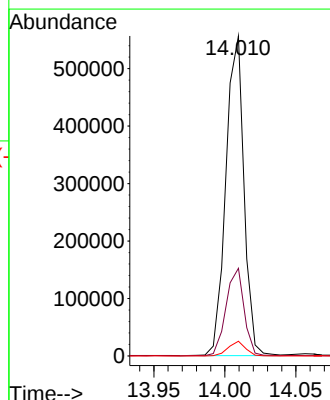
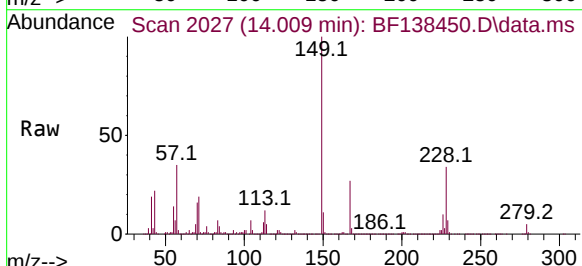
Delta R.T. 0.006 min

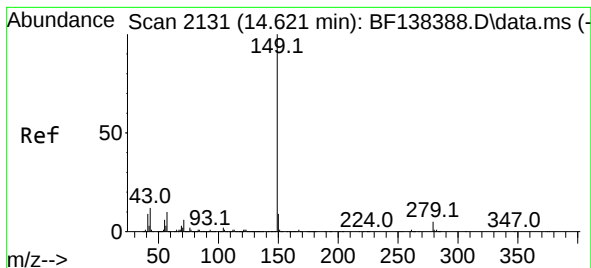
Lab File: BF138450.D

Acq: 03 Jul 2024 17:10

Tgt Ion:149 Resp: 492511

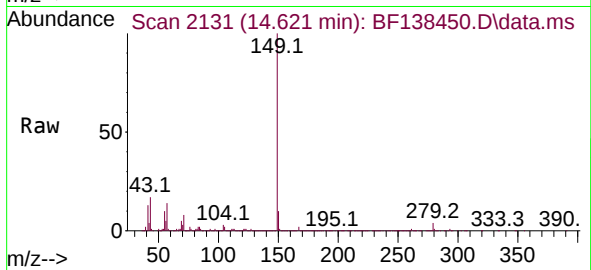
Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.6	33.8
279	4.6	3.2	4.8





#85
Di-n-octyl phthalate
Concen: 65.464 ng
RT: 14.621 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

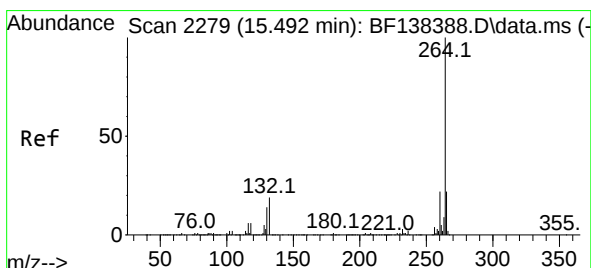
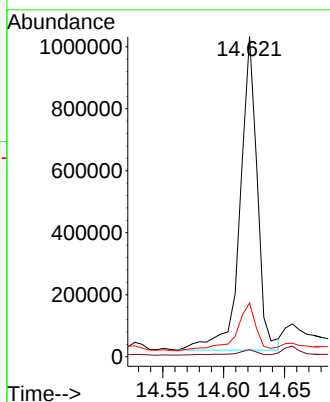
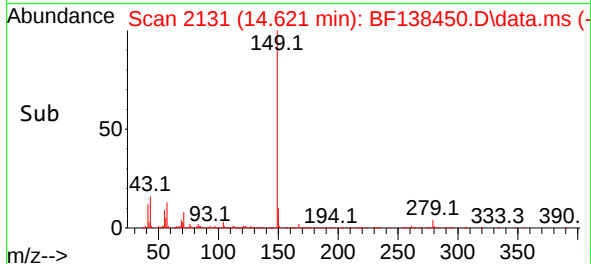
Instrument :
BNA_F
ClientSampleId :
VNJ-238MS



Tgt Ion:149 Resp: 99237
Ion Ratio Lower Upper
149 100
167 3.3 1.3 1.9
43 18.5 10.9 16.3

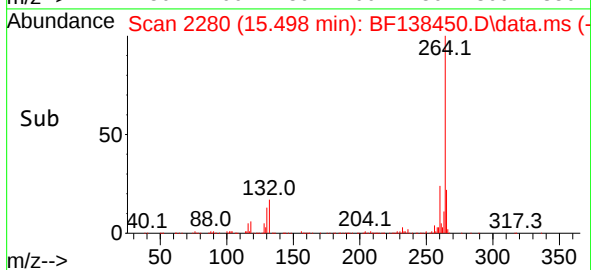
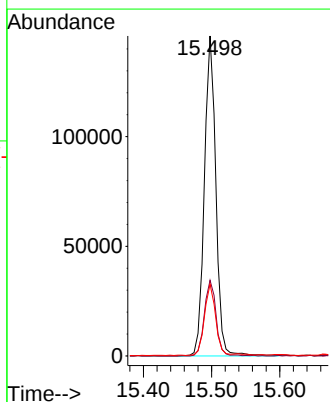
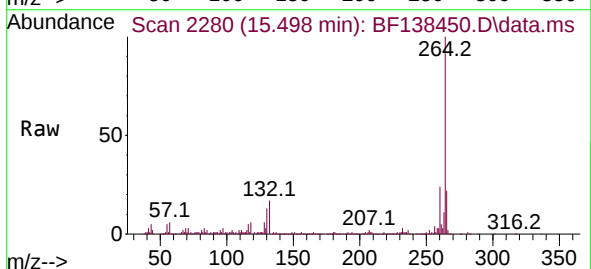
Manual Integrations
APPROVED

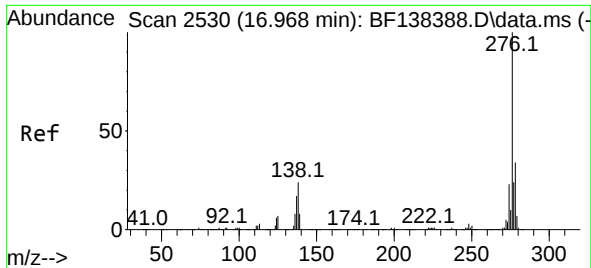
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

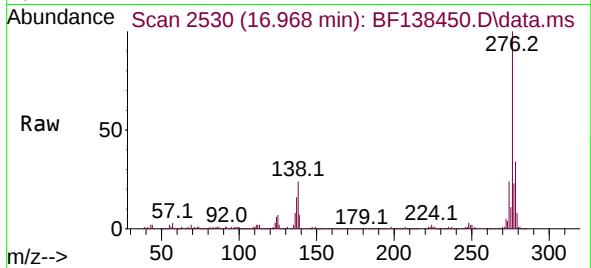
Tgt Ion:264 Resp: 171098
Ion Ratio Lower Upper
264 100
260 23.6 17.8 26.6
265 22.4 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 55.089 ng
RT: 16.968 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

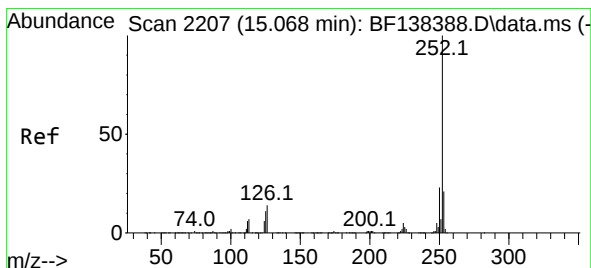
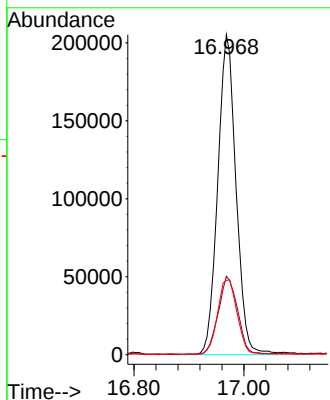
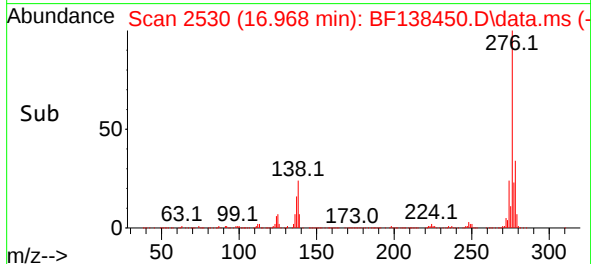
Instrument :
BNA_F
ClientSampleId :
VNJ-238MS



Tgt Ion:276 Resp: 473594
Ion Ratio Lower Upper
276 100
138 25.5 22.1 33.1
277 24.8 20.4 30.6

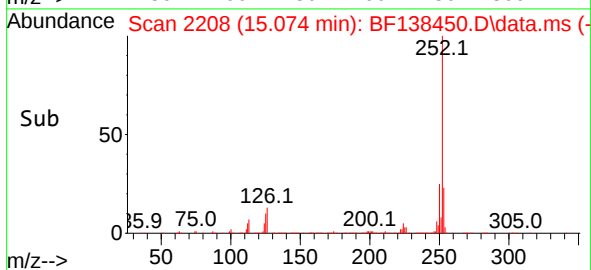
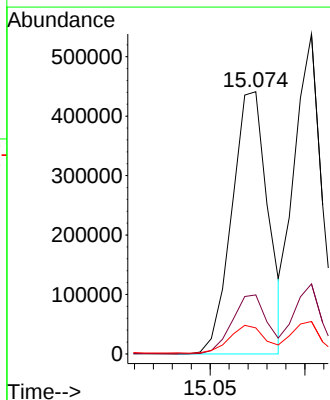
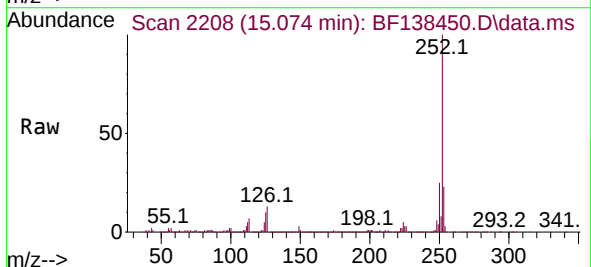
Manual Integrations
APPROVED

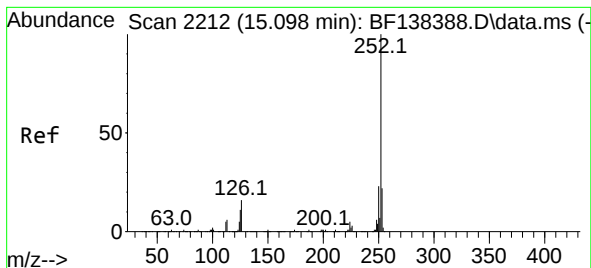
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#88
Benzo(b)fluoranthene
Concen: 62.408 ng
RT: 15.074 min Scan# 2208
Delta R.T. 0.006 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

Tgt Ion:252 Resp: 585854
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.4
125 10.0 8.6 12.8





#89

Benzo(k)fluoranthene

Concen: 61.531 ng

RT: 15.104 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138450.D

Acq: 03 Jul 2024 17:10

Instrument :

BNA_F

ClientSampleId :

VNJ-238MS

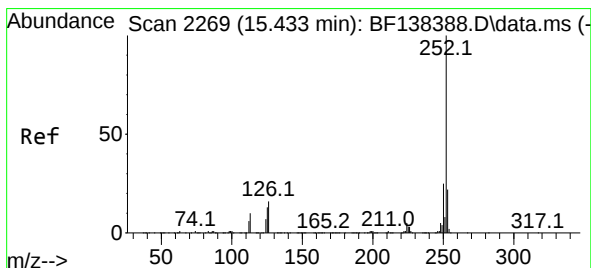
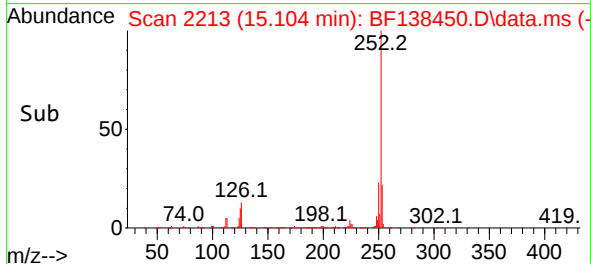
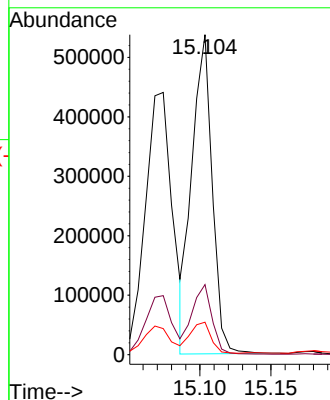
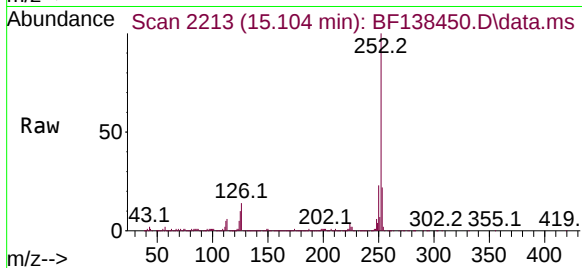
Tgt Ion:252 Resp: 532030
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.4 26.2
 125 10.1 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#90

Benzo(a)pyrene

Concen: 57.367 ng

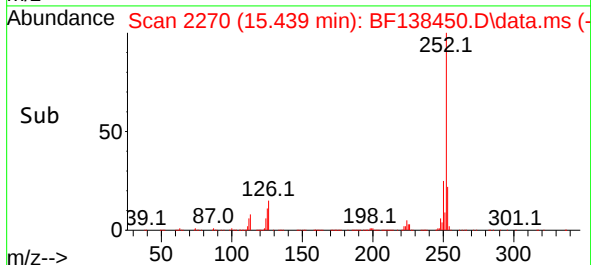
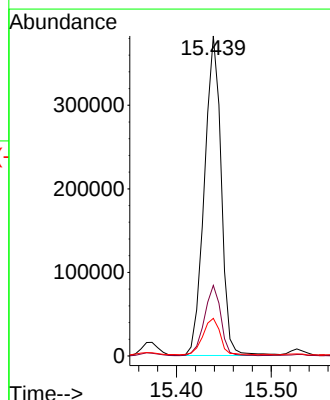
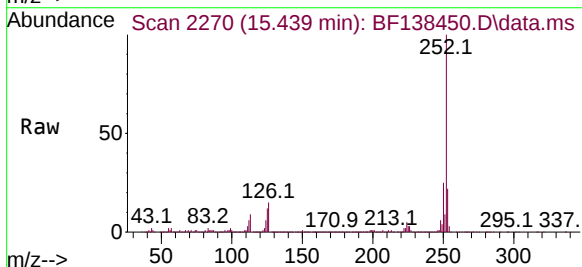
RT: 15.439 min Scan# 2270

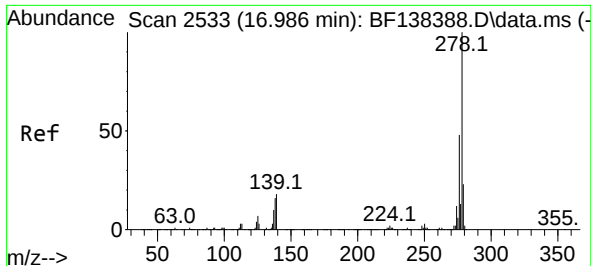
Delta R.T. 0.006 min

Lab File: BF138450.D

Acq: 03 Jul 2024 17:10

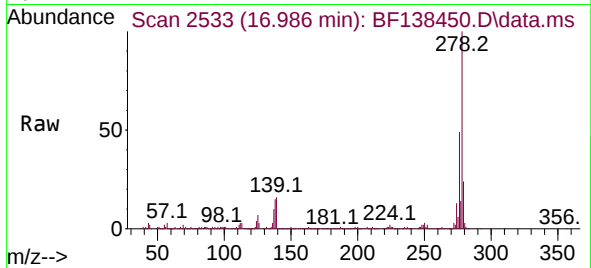
Tgt Ion:252 Resp: 472029
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.6 26.4
 125 11.7 10.2 15.2





#91
Dibenzo(a,h)anthracene
Concen: 54.668 ng
RT: 16.986 min Scan# 2533
Delta R.T. -0.000 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

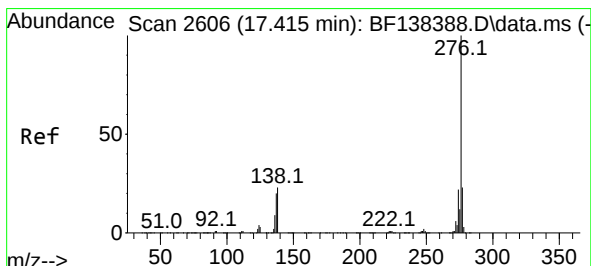
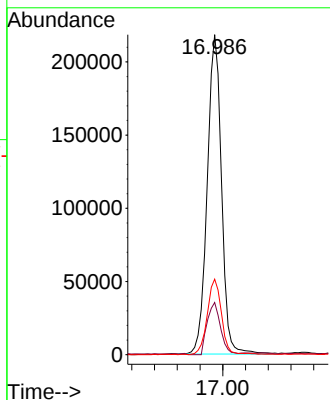
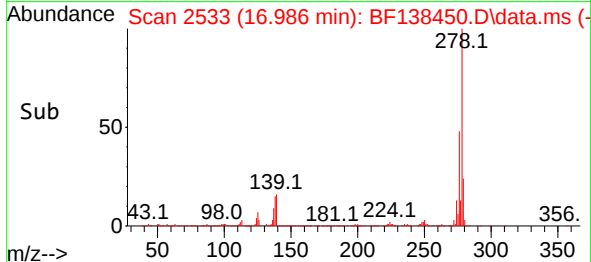
Instrument :
BNA_F
ClientSampleId :
VNJ-238MS



Tgt Ion:278 Resp: 379362
Ion Ratio Lower Upper
278 100
139 16.3 14.3 21.5
279 23.6 18.5 27.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#92
Benzo(g,h,i)perylene
Concen: 54.235 ng
RT: 17.415 min Scan# 2606
Delta R.T. -0.000 min
Lab File: BF138450.D
Acq: 03 Jul 2024 17:10

Tgt Ion:276 Resp: 368181
Ion Ratio Lower Upper
276 100
277 23.5 18.3 27.5
138 20.8 18.3 27.5

