

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070324\
 Data File : BF138451.D
 Acq On : 03 Jul 2024 17:40
 Operator : CG\JU
 Sample : P3134-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

VNJ-238MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 03 18:13:20 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	120631	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	461689	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	216228	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	281878	20.000	ng	0.00
76) Chrysene-d12	14.033	240	207954	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	162347	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	940072	129.203	ng	0.01
7) Phenol-d6	6.516	99	1243569	126.877	ng	0.00
23) Nitrobenzene-d5	7.440	82	828515	93.222	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	206480	116.879	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1301118	95.763	ng	0.00
79) Terphenyl-d14	12.975	244	962053	63.399	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	149901	43.739	ng	97
3) Pyridine	3.499	79	396698	48.520	ng	96
4) n-Nitrosodimethylamine	3.452	42	297142	58.254	ng	90
6) Aniline	6.540	93	231043	24.156	ng	99
8) 2-Chlorophenol	6.663	128	423454	54.213	ng	96
9) Benzaldehyde	6.422	77	78567	12.987	ng	99
10) Phenol	6.528	94	528895	50.649	ng	97
11) bis(2-Chloroethyl)ether	6.610	93	422653	51.535	ng	97
12) 1,3-Dichlorobenzene	6.816	146	440257	49.219	ng	98
13) 1,4-Dichlorobenzene	6.893	146	446900	49.828	ng	98
14) 1,2-Dichlorobenzene	7.040	146	423498	51.148	ng	99
15) Benzyl Alcohol	7.022	79	397870	56.675	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	843884	51.013	ng	96
17) 2-Methylphenol	7.134	107	326729	50.472	ng	94
18) Hexachloroethane	7.387	117	166973	51.614	ng	93
19) n-Nitroso-di-n-propyla...	7.293	70	314996	50.979	ng	99
20) 3+4-Methylphenols	7.287	107	400976	53.310	ng	99
22) Acetophenone	7.281	105	526911	50.306	ng	98
24) Nitrobenzene	7.457	77	474609	52.503	ng	98
25) Isophorone	7.698	82	861809	52.589	ng	99
26) 2-Nitrophenol	7.775	139	221505	56.810	ng	96
27) 2,4-Dimethylphenol	7.810	122	279534	56.016	ng	96
28) bis(2-Chloroethoxy)met...	7.904	93	500664	50.756	ng	97
29) 2,4-Dichlorophenol	8.016	162	330004	51.488	ng	96
30) 1,2,4-Trichlorobenzene	8.092	180	370613	49.732	ng	98
31) Naphthalene	8.181	128	1175623	50.370	ng	99
32) Benzoic acid	7.945	122	225755	49.367	ng	95
33) 4-Chloroaniline	8.222	127	73535	9.021	ng	97
34) Hexachlorobutadiene	8.292	225	225661	50.436	ng	98
35) Caprolactam	8.604	113	93731m	46.312	ng	
36) 4-Chloro-3-methylphenol	8.716	107	343255	50.279	ng	98
37) 2-Methylnaphthalene	8.869	142	736967	48.856	ng	98
38) 1-Methylnaphthalene	8.969	142	674680	46.119	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	309866	51.809	ng	99
41) Hexachlorocyclopentadiene	9.016	237	241796	137.346	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	213185	56.017	ng	98

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M

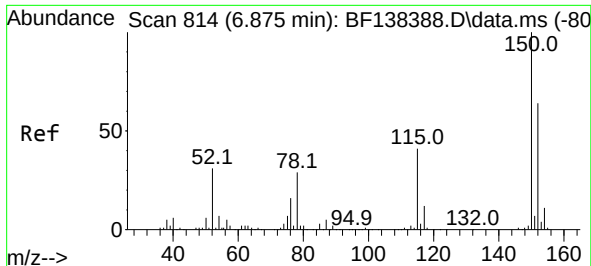
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Jun 29 02:44:30 2024

Response via : Initial Calibration

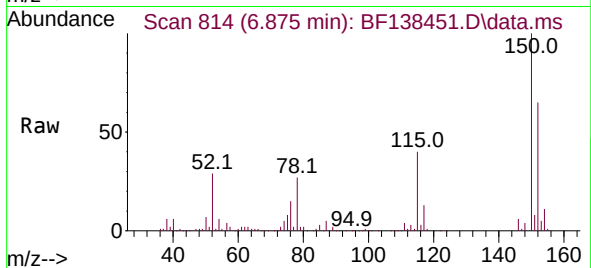
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	213608	51.610	ng	96
46) 1,1'-Biphenyl	9.334	154	840047	52.032	ng	98
47) 2-Chloronaphthalene	9.357	162	654606	53.178	ng	98
48) 2-Nitroaniline	9.457	65	228366	57.512	ng	97
49) Acenaphthylene	9.775	152	975715	56.360	ng	99
50) Dimethylphthalate	9.634	163	784684	56.466	ng	99
51) 2,6-Dinitrotoluene	9.698	165	164293	52.788	ng	90
52) Acenaphthene	9.945	154	666798m	56.250	ng	
53) 3-Nitroaniline	9.863	138	98490	32.041	ng	98
54) 2,4-Dinitrophenol	9.969	184	128519	95.660	ng	96
55) Dibenzofuran	10.116	168	846849	51.850	ng	97
56) 4-Nitrophenol	10.034	139	193162	96.919	ng	# 82
57) 2,4-Dinitrotoluene	10.098	165	196955	51.396	ng	95
58) Fluorene	10.457	166	607526	46.812	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	153623	49.971	ng	98
60) Diethylphthalate	10.328	149	691339	53.210	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	312938	47.525	ng	98
62) 4-Nitroaniline	10.481	138	128416	45.515	ng	96
63) Azobenzene	10.610	77	685936	49.991	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	92053	59.421	ng	86
66) n-Nitrosodiphenylamine	10.569	169	513238	58.650	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	169566	55.966	ng	95
68) Hexachlorobenzene	11.004	284	171087	51.231	ng	95
69) Atrazine	11.092	200	143780	58.600	ng	99
70) Pentachlorophenol	11.198	266	186960	110.305	ng	99
71) Phenanthrene	11.422	178	771080	56.027	ng	100
72) Anthracene	11.469	178	754649	54.984	ng	100
73) Carbazole	11.628	167	648191	56.886	ng	100
74) Di-n-butylphthalate	11.951	149	813336	56.324	ng	99
75) Fluoranthene	12.604	202	829624	67.240	ng	98
77) Benzidine	12.727	184	116471	70.042	ng	95
78) Pyrene	12.833	202	849097	38.203	ng	99
80) Butylbenzylphthalate	13.451	149	350896	51.883	ng	98
81) Benzo(a)anthracene	14.021	228	761042	56.858	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	115851	29.316	ng	98
83) Chrysene	14.063	228	730989	56.124	ng	98
84) Bis(2-ethylhexyl)phtha...	14.010	149	506191	59.681	ng	100
85) Di-n-octyl phthalate	14.621	149	1001464	67.457	ng	# 89
87) Indeno(1,2,3-cd)pyrene	16.968	276	486475	59.637	ng	97
88) Benzo(b)fluoranthene	15.074	252	582261	65.368	ng	98
89) Benzo(k)fluoranthene	15.104	252	531764	64.815	ng	99
90) Benzo(a)pyrene	15.439	252	467503	59.880	ng	98
91) Dibenzo(a,h)anthracene	16.992	278	384255	58.358	ng	97
92) Benzo(g,h,i)perylene	17.415	276	373959	58.056	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

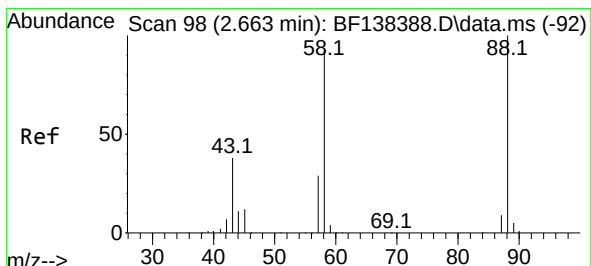
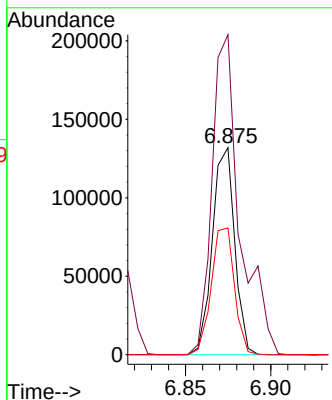
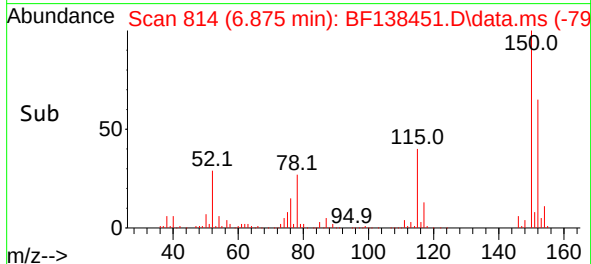
Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD



Tgt Ion:152 Resp: 12063
Ion Ratio Lower Upper
152 100
150 154.6 124.9 187.3
115 61.2 50.8 76.2

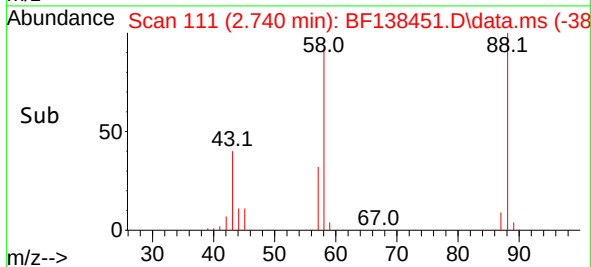
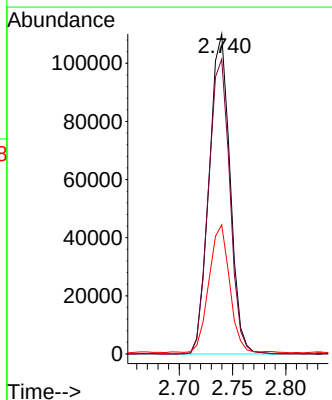
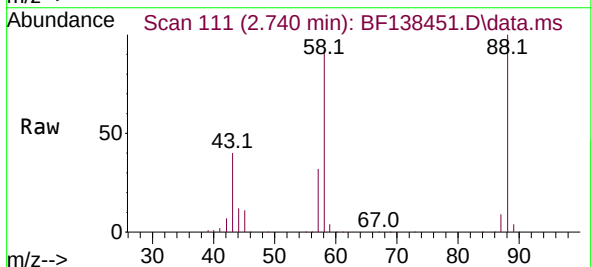
Manual Integrations
APPROVED

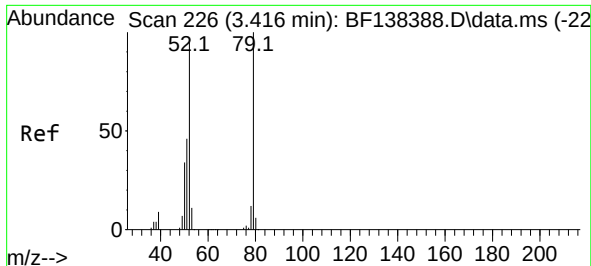
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#2
1,4-Dioxane
Concen: 43.739 ng
RT: 2.740 min Scan# 111
Delta R.T. 0.077 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

Tgt Ion: 88 Resp: 149901
Ion Ratio Lower Upper
88 100
58 94.2 73.7 110.5
43 39.6 30.1 45.1





#3

Pyridine

Concen: 48.520 ng

RT: 3.499 min Scan# 24

Delta R.T. 0.082 min

Lab File: BF138451.D

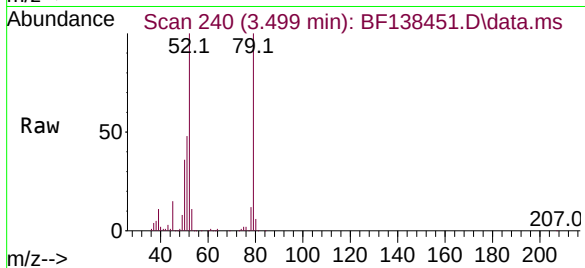
Acq: 03 Jul 2024 17:40

Instrument :

BNA_F

ClientSampleId :

VNJ-238MSD



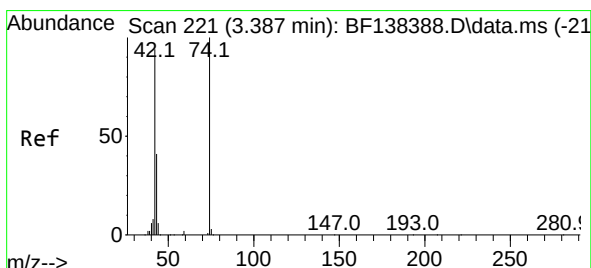
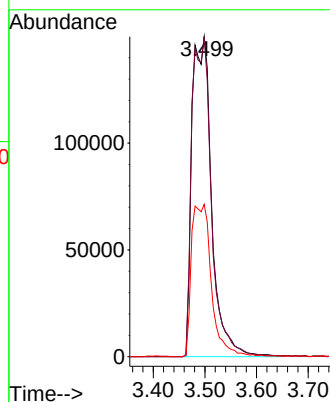
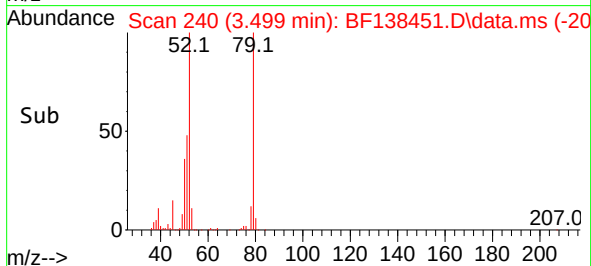
Tgt Ion: 79	Resp: 396698
Ion Ratio	Lower Upper
79	100
52	99.9 76.2 114.2
51	47.6 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#4

n-Nitrosodimethylamine

Concen: 58.254 ng

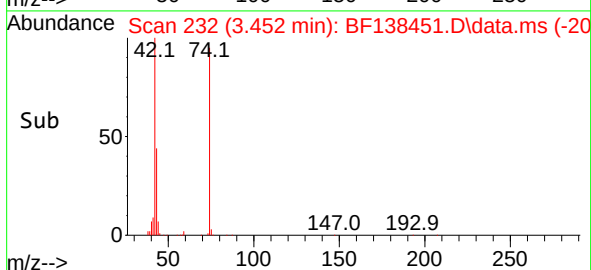
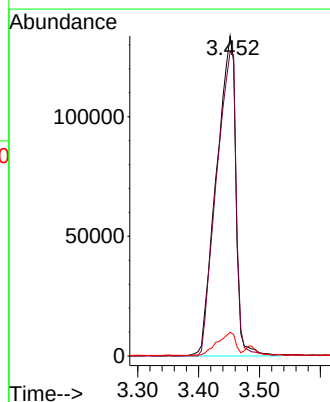
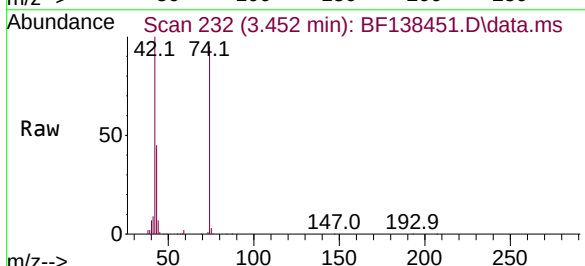
RT: 3.452 min Scan# 232

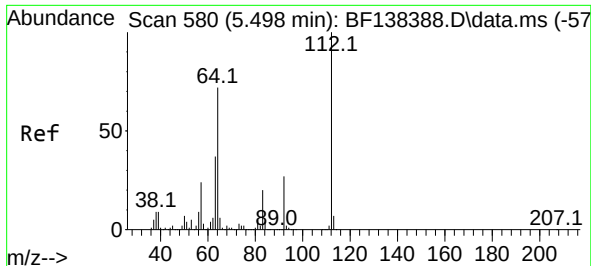
Delta R.T. 0.065 min

Lab File: BF138451.D

Acq: 03 Jul 2024 17:40

Tgt Ion: 42	Resp: 297142
Ion Ratio	Lower Upper
42	100
74	95.1 85.1 127.7
44	7.4 5.5 8.3





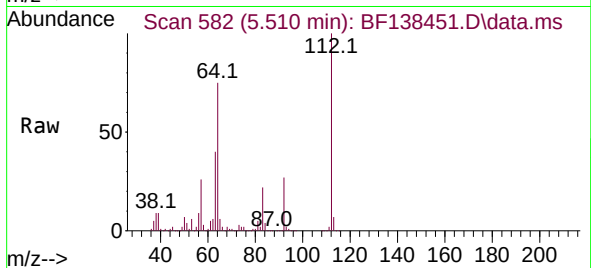
#5
2-Fluorophenol
Concen: 129.203 ng
RT: 5.510 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

Instrument :

BNA_F

ClientSampleId :

VNJ-238MSD



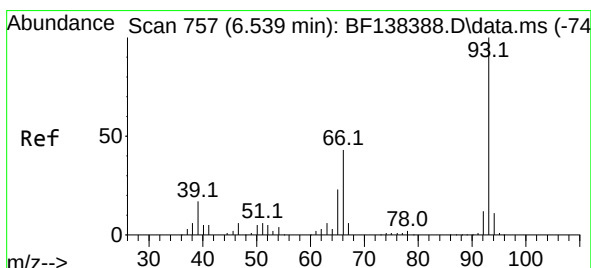
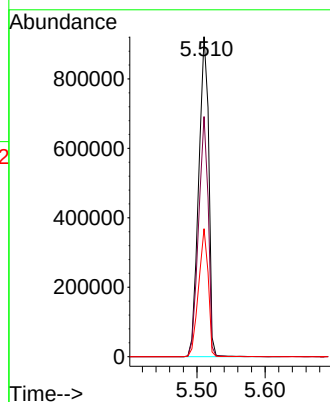
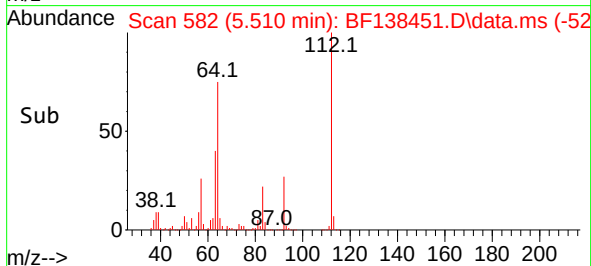
Tgt Ion:112 Resp: 940072
Ion Ratio Lower Upper
112 100
64 75.1 57.2 85.8
63 40.0 29.4 44.0

Manual Integrations

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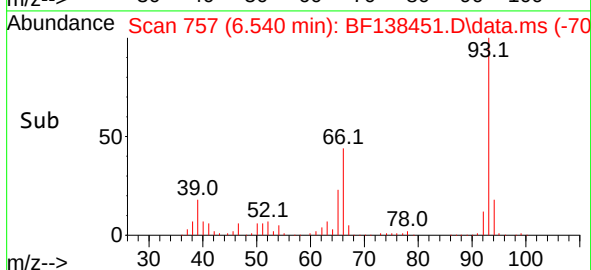
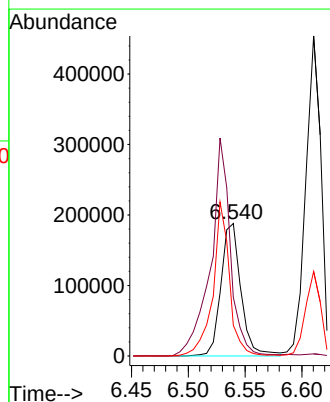
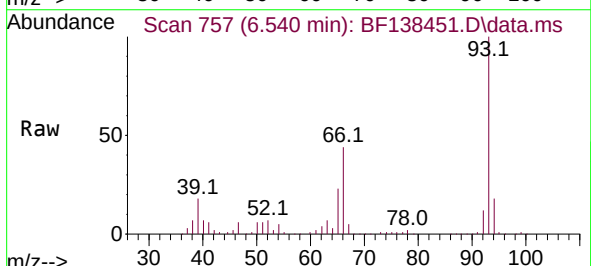
Reviewed By :Yogesh Patel 07/05/2024

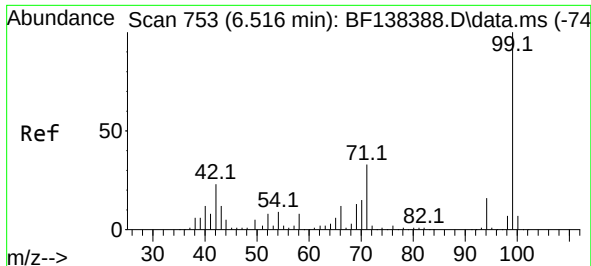
Supervised By :mohammad ahmed 07/05/2024



#6
Aniline
Concen: 24.156 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

Tgt Ion: 93 Resp: 231043
Ion Ratio Lower Upper
93 100
66 44.2 34.7 52.1
65 23.2 18.5 27.7





#7

Phenol-d6

Concen: 126.877 ng

RT: 6.516 min Scan# 753

Delta R.T. 0.000 min

Lab File: BF138451.D

Acq: 03 Jul 2024 17:40

Instrument :

BNA_F

ClientSampleId :

VNJ-238MSD

Tgt Ion: 99 Resp: 124356

Ion Ratio Lower Upper

99 100

42 25.3 18.5 27.7

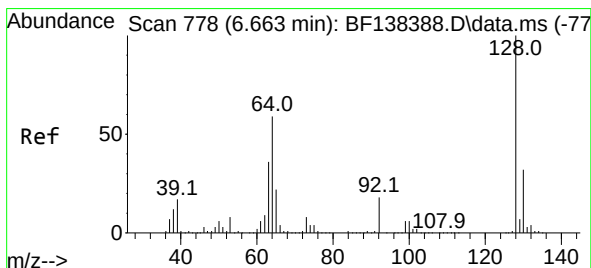
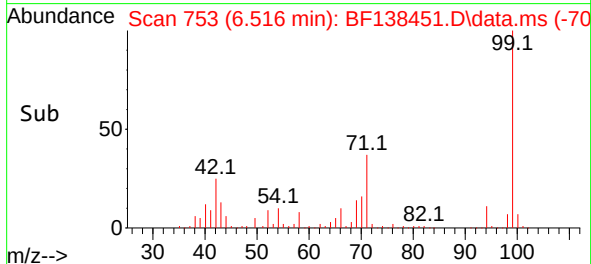
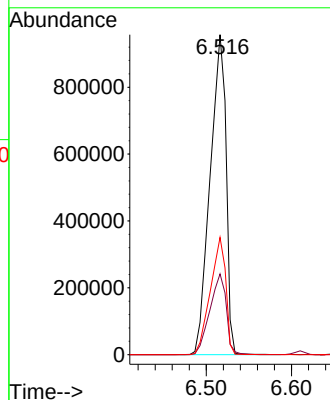
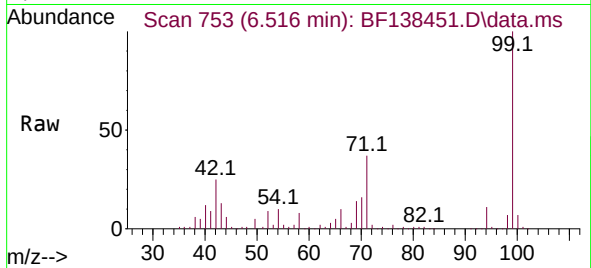
71 36.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#8

2-Chlorophenol

Concen: 54.213 ng

RT: 6.663 min Scan# 778

Delta R.T. 0.000 min

Lab File: BF138451.D

Acq: 03 Jul 2024 17:40

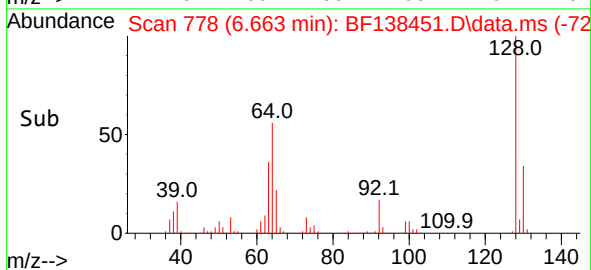
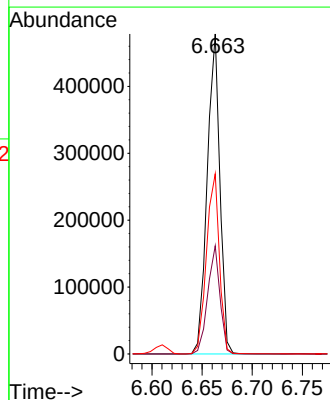
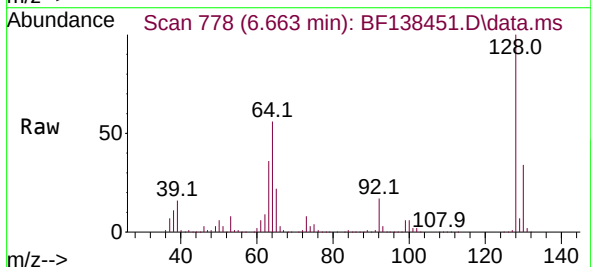
Tgt Ion:128 Resp: 423454

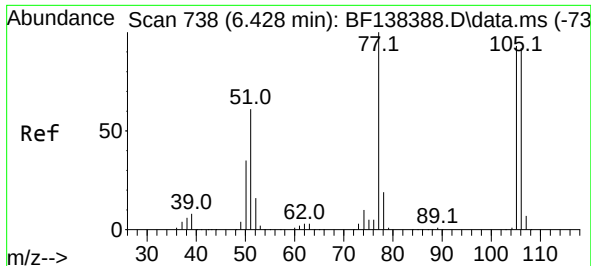
Ion Ratio Lower Upper

128 100

130 33.8 12.3 52.3

64 56.3 39.6 79.6





#9
Benzaldehyde
Concen: 12.987 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

Instrument :

BNA_F

ClientSampleId :

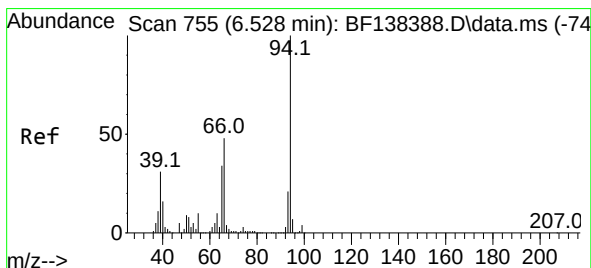
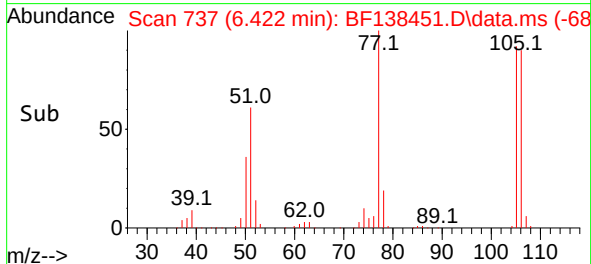
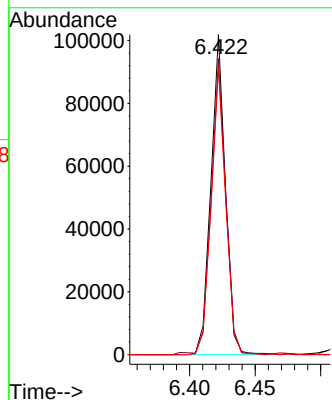
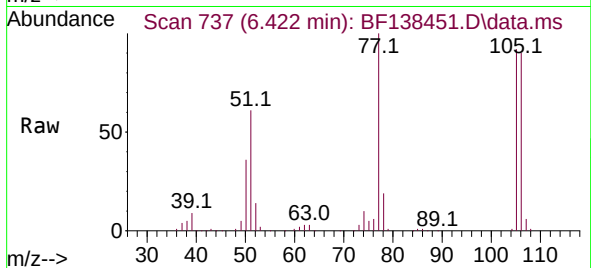
VNJ-238MSD

Tgt Ion: 77 Resp: 7856
Ion Ratio Lower Upper
77 100
105 92.5 73.2 113.2
106 89.7 71.5 111.5

Manual Integrations

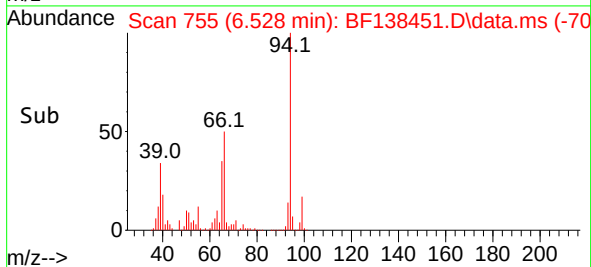
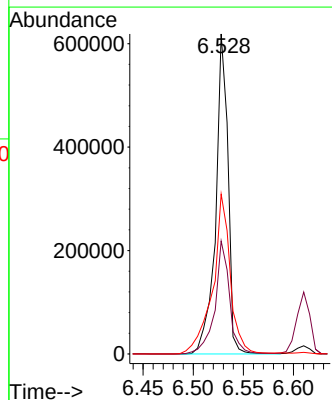
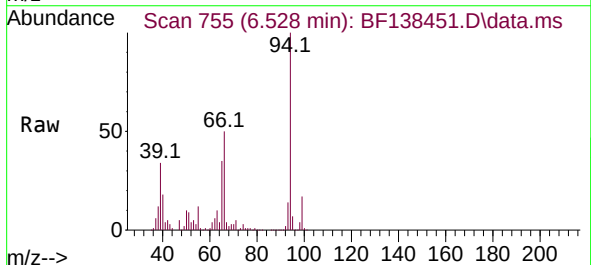
APPROVED

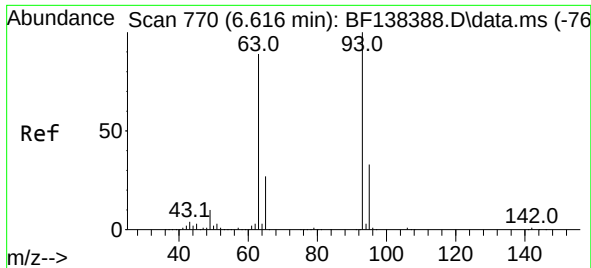
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#10
Phenol
Concen: 50.649 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

Tgt Ion: 94 Resp: 528895
Ion Ratio Lower Upper
94 100
65 35.3 14.2 54.2
66 50.0 27.9 67.9





#11
bis(2-Chloroethyl)ether
Concen: 51.535 ng
RT: 6.610 min Scan# 770
Delta R.T. -0.006 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

Instrument :

BNA_F

ClientSampleId :

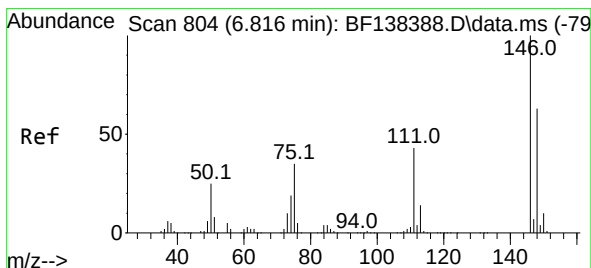
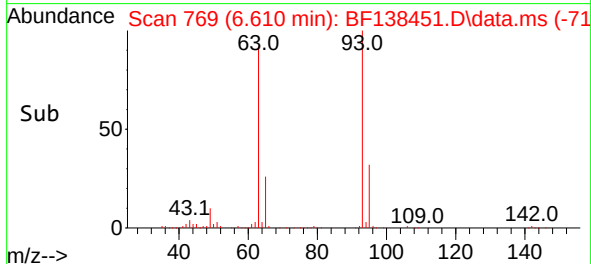
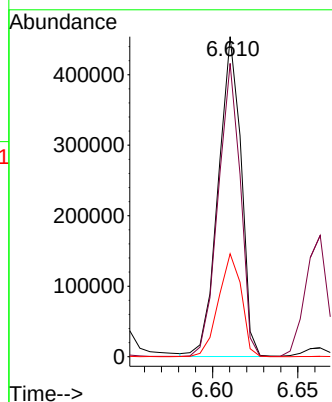
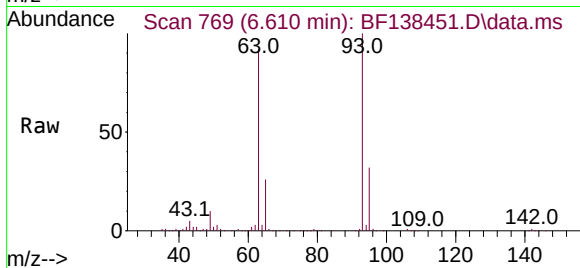
VNJ-238MSD

Tgt Ion: 93 Resp: 42265
Ion Ratio Lower Upper
93 100
63 91.6 68.2 108.2
95 32.2 12.4 52.4

Manual Integrations

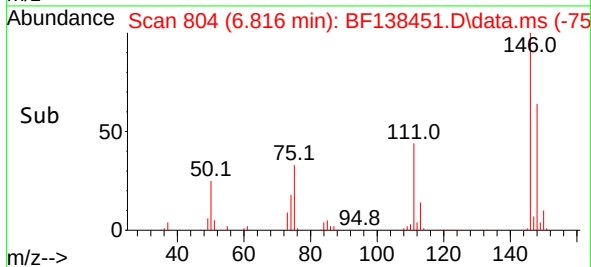
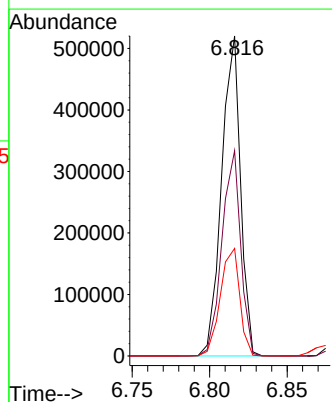
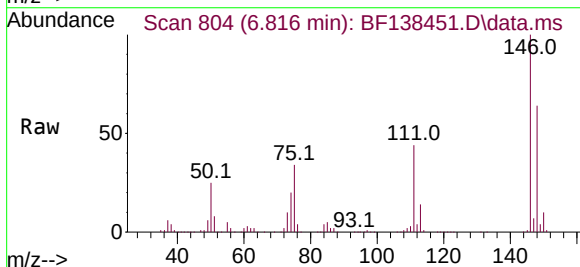
APPROVED

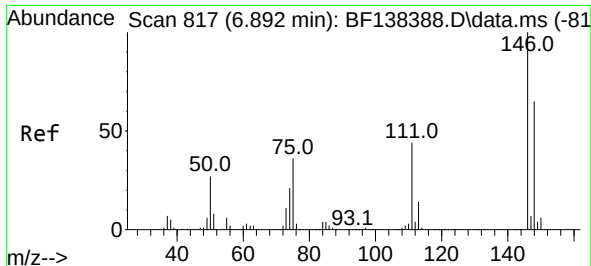
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#12
1,3-Dichlorobenzene
Concen: 49.219 ng
RT: 6.816 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

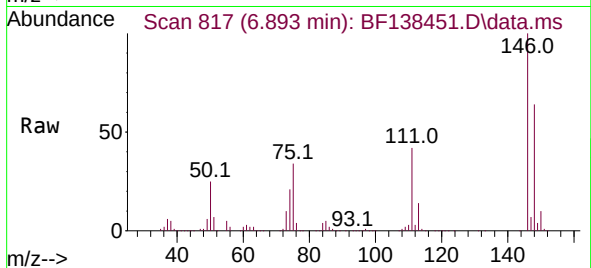
Tgt Ion:146 Resp: 440257
Ion Ratio Lower Upper
146 100
148 64.2 50.3 75.5
75 33.6 27.8 41.6





#13
1,4-Dichlorobenzene
Concen: 49.828 ng
RT: 6.893 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

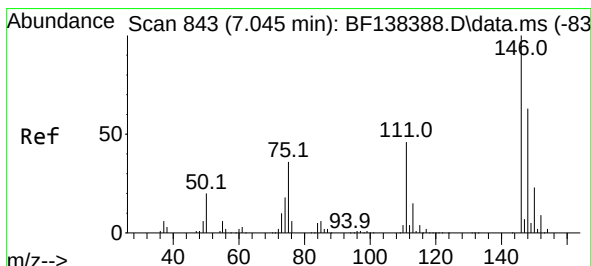
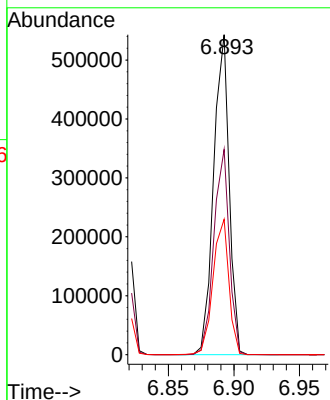
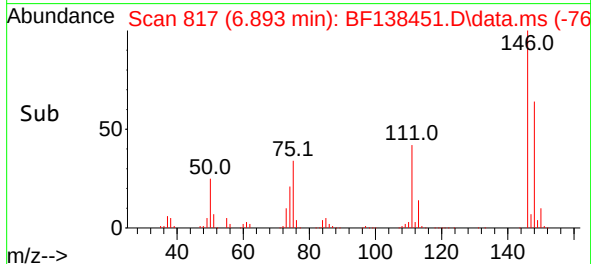
Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD



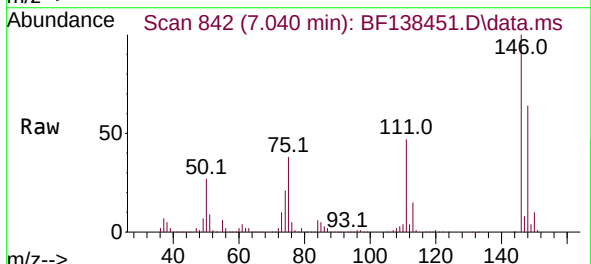
Tgt Ion:146 Resp: 446900
Ion Ratio Lower Upper
146 100
148 64.1 52.0 78.0
111 42.3 35.4 53.0

Manual Integrations
APPROVED

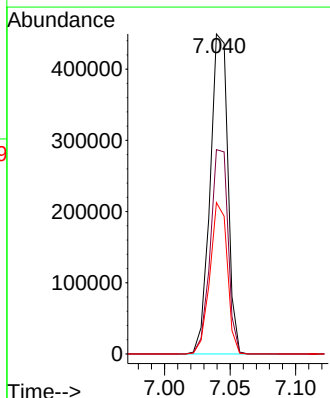
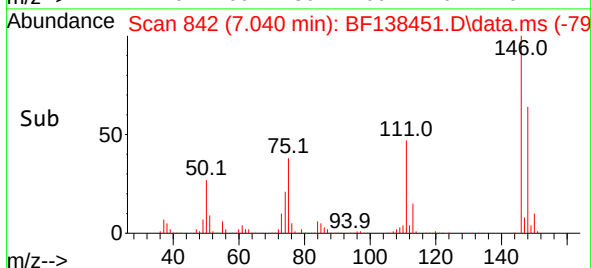
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

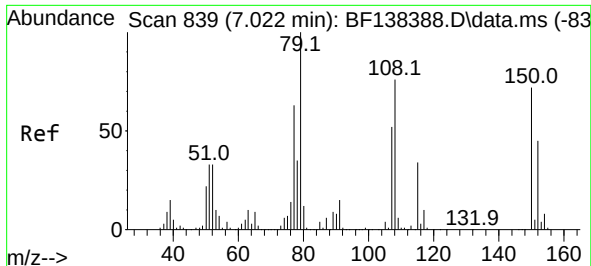


#14
1,2-Dichlorobenzene
Concen: 51.148 ng
RT: 7.040 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40



Tgt Ion:146 Resp: 423498
Ion Ratio Lower Upper
146 100
148 63.9 50.3 75.5
111 47.3 37.1 55.7





#15

Benzyl Alcohol

Concen: 56.675 ng

RT: 7.022 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF138451.D

Acq: 03 Jul 2024 17:40

Instrument :

BNA_F

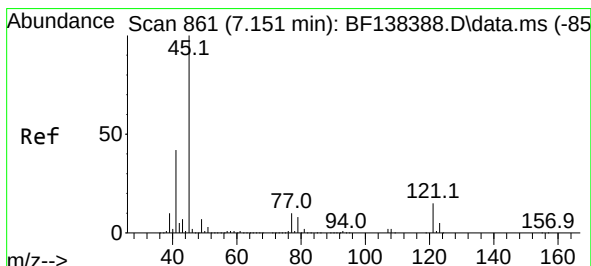
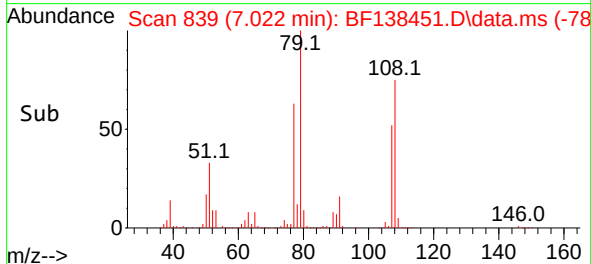
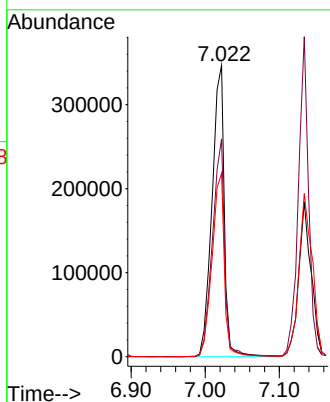
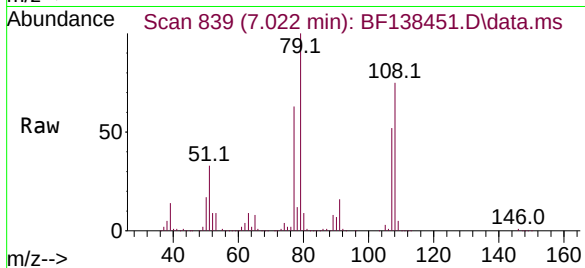
ClientSampleId :

VNJ-238MSD

Tgt Ion: 79 Resp: 397870
 Ion Ratio Lower Upper
 79 100
 108 74.8 60.9 91.3
 77 62.9 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: 51.013 ng

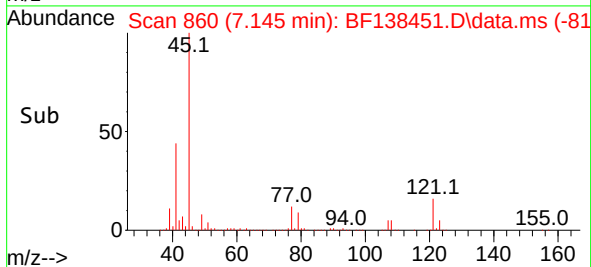
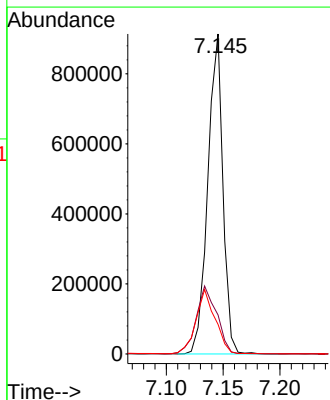
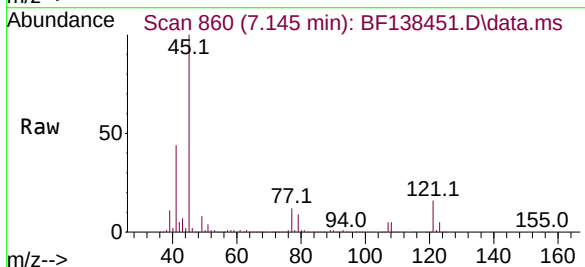
RT: 7.145 min Scan# 860

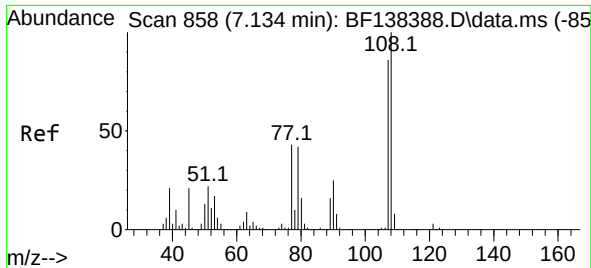
Delta R.T. -0.006 min

Lab File: BF138451.D

Acq: 03 Jul 2024 17:40

Tgt Ion: 45 Resp: 843884
 Ion Ratio Lower Upper
 45 100
 77 12.2 0.0 30.4
 79 9.2 0.0 28.1





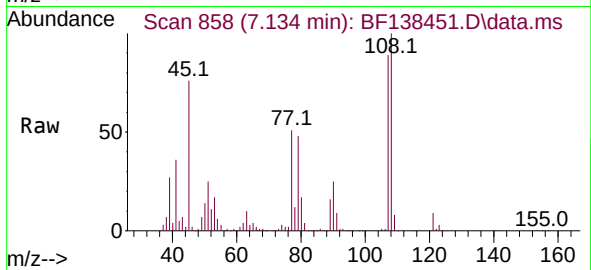
#17
2-Methylphenol
Concen: 50.472 ng
RT: 7.134 min Scan# 858
Delta R.T. 0.000 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

Instrument :

BNA_F

ClientSampleId :

VNJ-238MSD

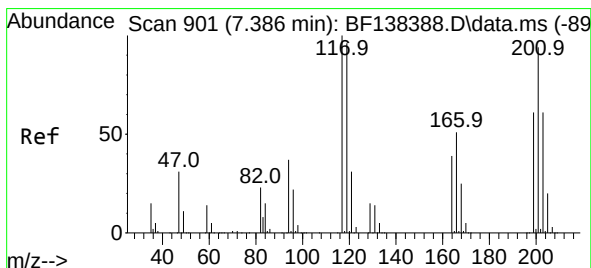
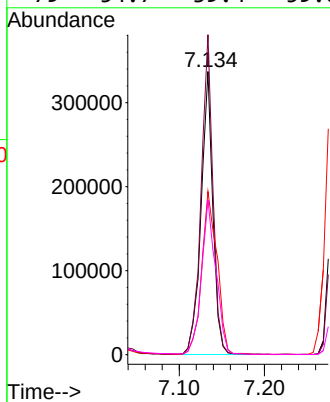
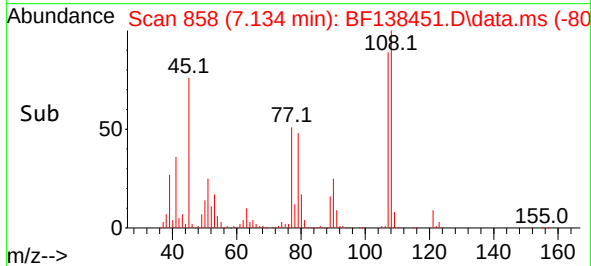


Tgt Ion:107 Resp: 326729
Ion Ratio Lower Upper
107 100
108 113.0 92.6 138.8
77 57.6 40.3 60.5
79 54.7 39.4 59.0

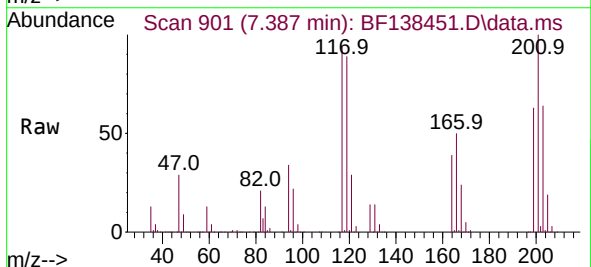
Manual Integrations

APPROVED

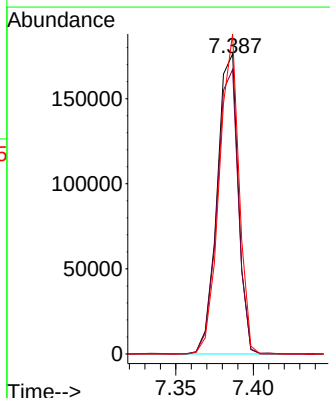
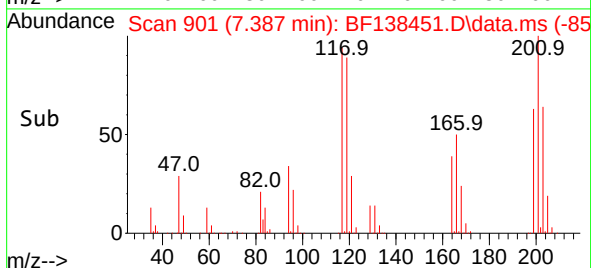
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

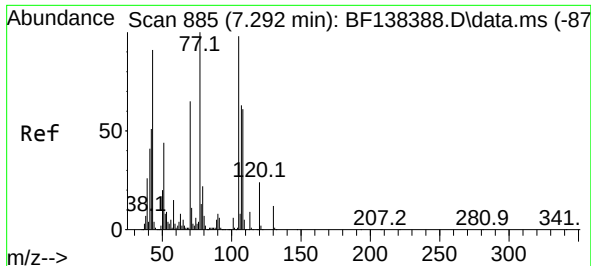


#18
Hexachloroethane
Concen: 51.614 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40



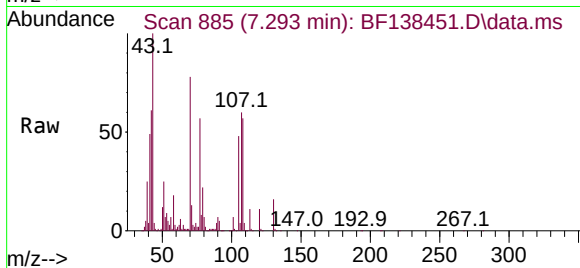
Tgt Ion:117 Resp: 166973
Ion Ratio Lower Upper
117 100
119 94.8 77.1 115.7
201 106.6 75.6 113.4





#19
n-Nitroso-di-n-propylamine
Concen: 50.979 ng
RT: 7.293 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

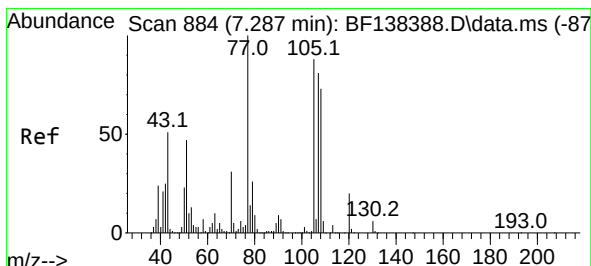
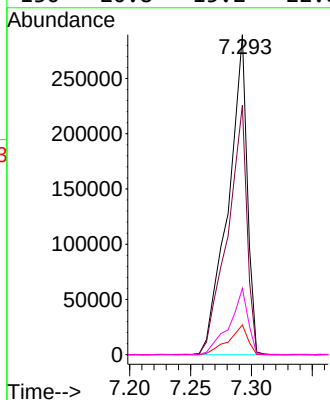
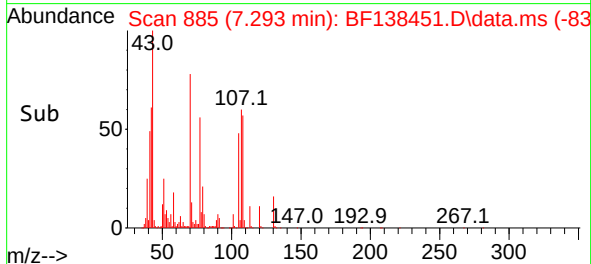
Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD



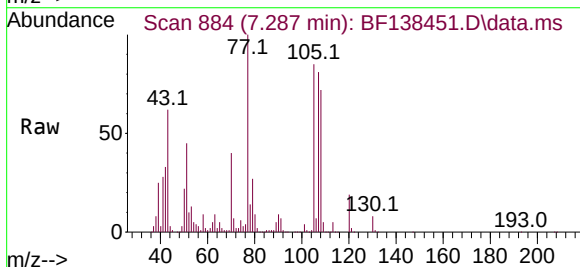
Tgt Ion: 70 Resp: 314990
Ion Ratio Lower Upper
70 100
42 77.9 62.5 93.7
101 9.3 7.0 10.4
130 20.8 15.2 22.8

Manual Integrations
APPROVED

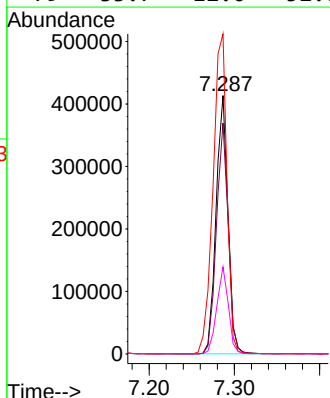
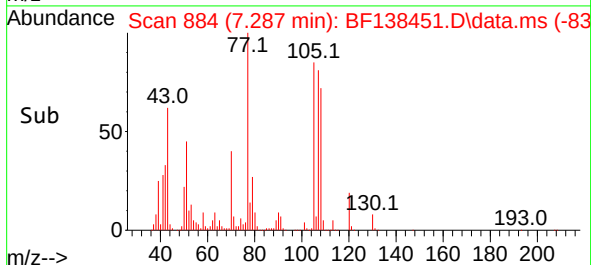
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

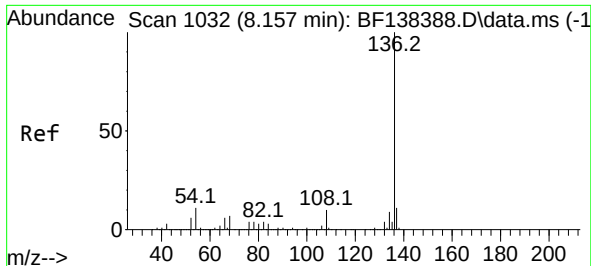


#20
3+4-Methylphenols
Concen: 53.310 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40



Tgt Ion:107 Resp: 400976
Ion Ratio Lower Upper
107 100
108 89.3 70.8 110.8
77 123.9 104.0 144.0
79 33.7 12.0 52.0





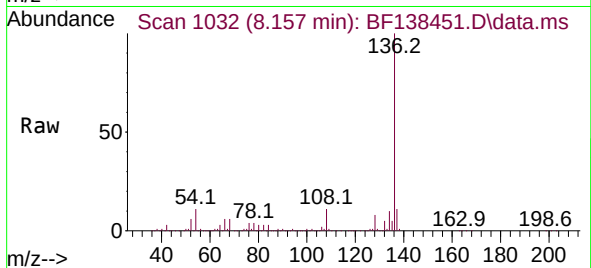
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

Instrument :

BNA_F

ClientSampleId :

VNJ-238MSD

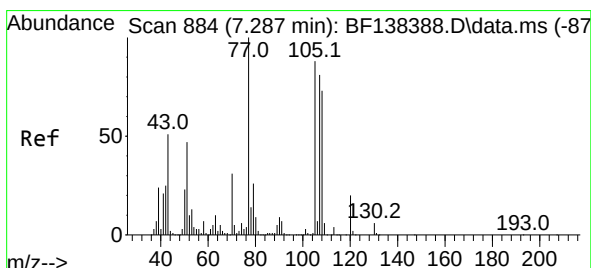
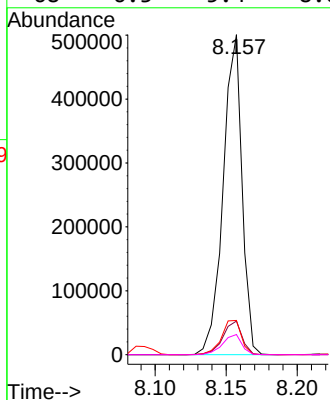
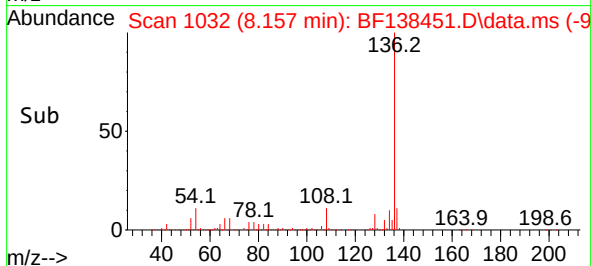


Tgt Ion:136 Resp: 461689
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 10.7 9.0 13.4
68 6.3 5.4 8.0

Manual Integrations

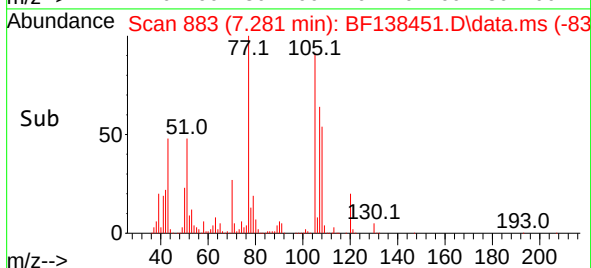
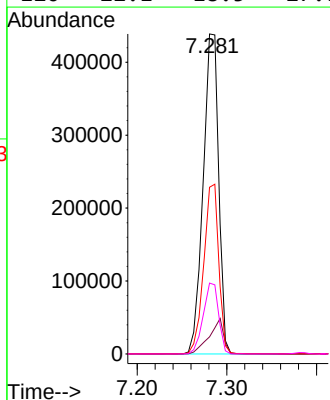
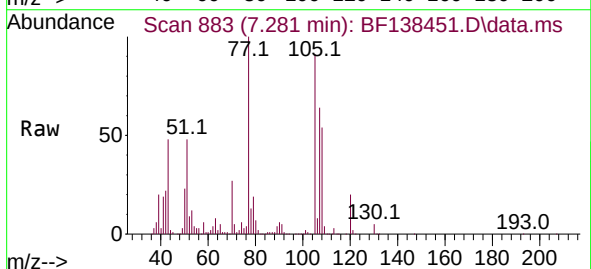
APPROVED

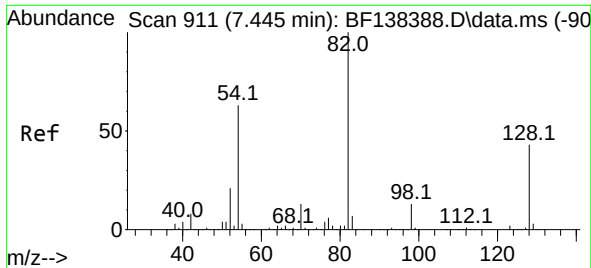
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#22
Acetophenone
Concen: 50.306 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

Tgt Ion:105 Resp: 526911
Ion Ratio Lower Upper
105 100
71 5.3 4.7 7.1
51 52.1 43.2 64.8
120 22.1 18.5 27.7





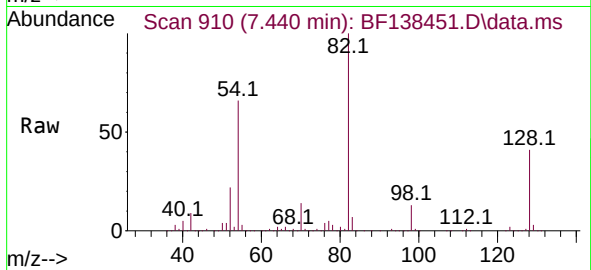
#23
Nitrobenzene-d5
Concen: 93.222 ng
RT: 7.440 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

Instrument :

BNA_F

ClientSampleId :

VNJ-238MSD

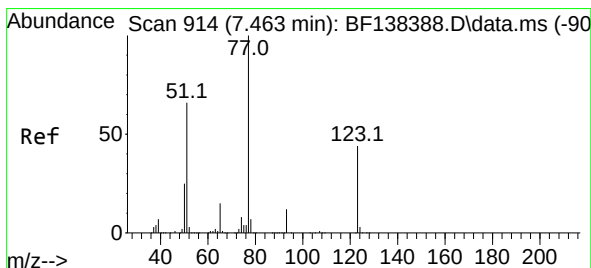
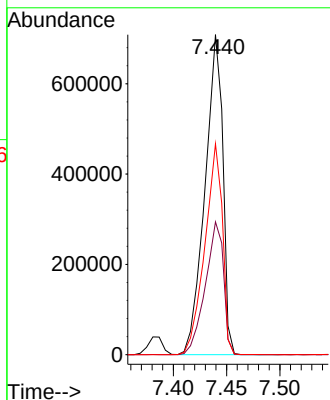
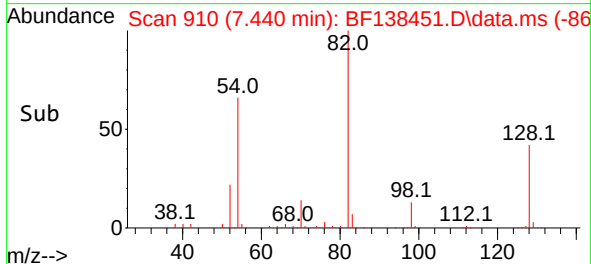


Tgt Ion: 82 Resp: 828515
Ion Ratio Lower Upper
82 100
128 41.5 34.6 52.0
54 65.9 50.5 75.7

Manual Integrations

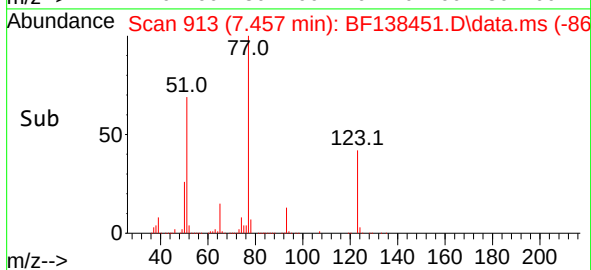
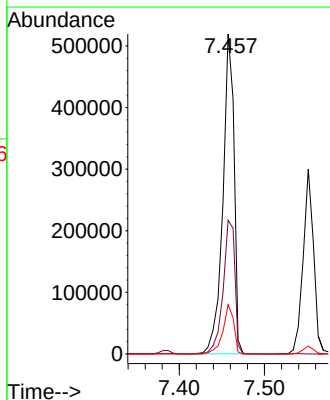
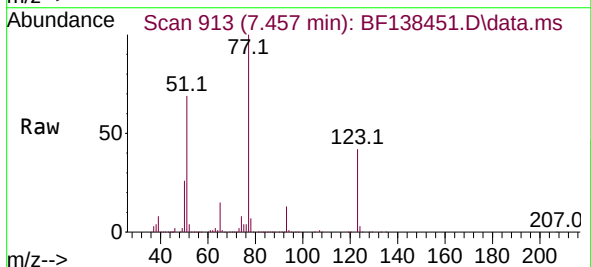
APPROVED

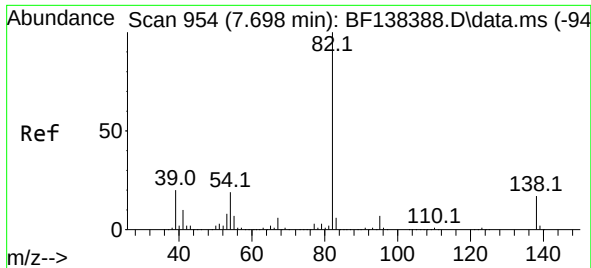
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#24
Nitrobenzene
Concen: 52.503 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

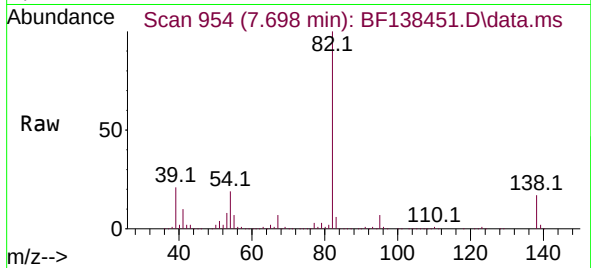
Tgt Ion: 77 Resp: 474609
Ion Ratio Lower Upper
77 100
123 41.8 35.0 52.6
65 15.4 12.1 18.1





#25
Isophorone
Concen: 52.589 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

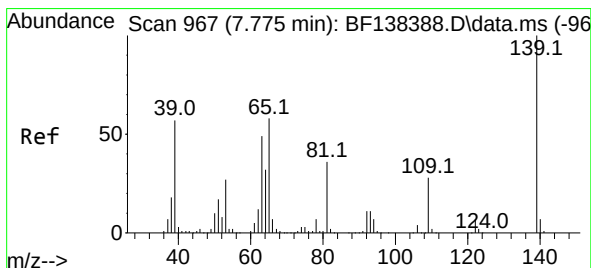
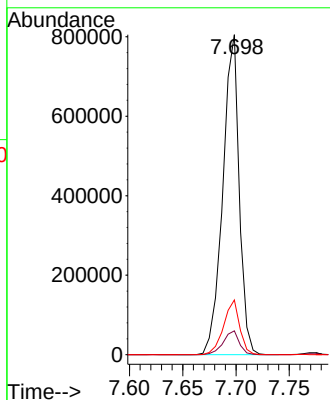
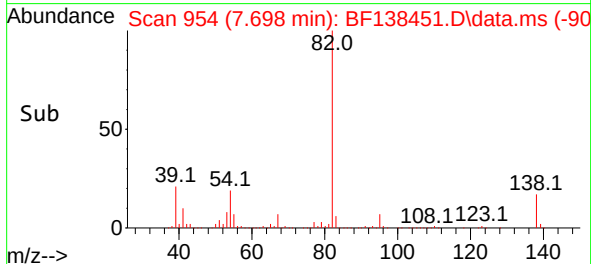
Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD



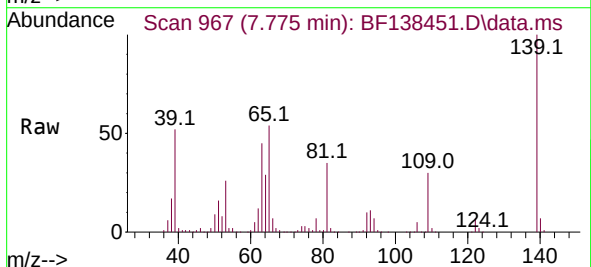
Tgt Ion: 82 Resp: 861809
Ion Ratio Lower Upper
82 100
95 7.5 5.7 8.5
138 17.1 13.4 20.2

Manual Integrations
APPROVED

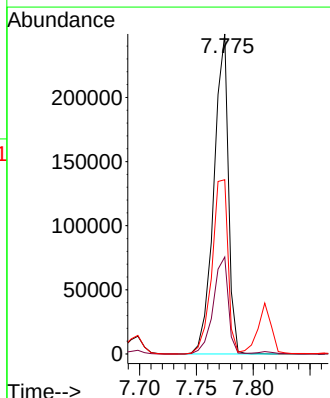
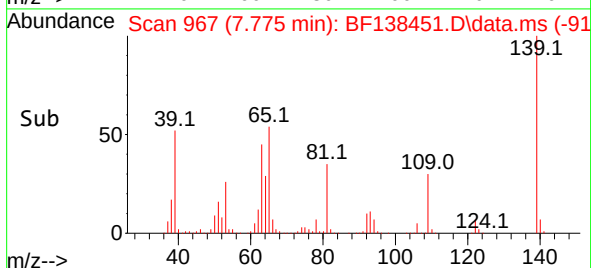
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

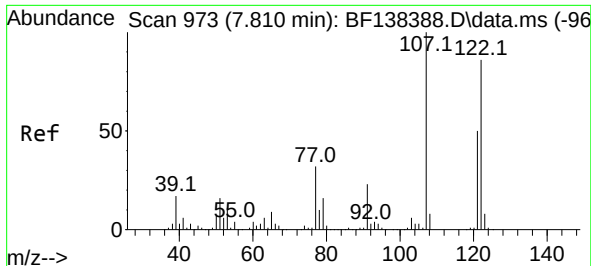


#26
2-Nitrophenol
Concen: 56.810 ng
RT: 7.775 min Scan# 967
Delta R.T. 0.000 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40



Tgt Ion:139 Resp: 221505
Ion Ratio Lower Upper
139 100
109 30.3 22.5 33.7
65 54.4 46.2 69.2





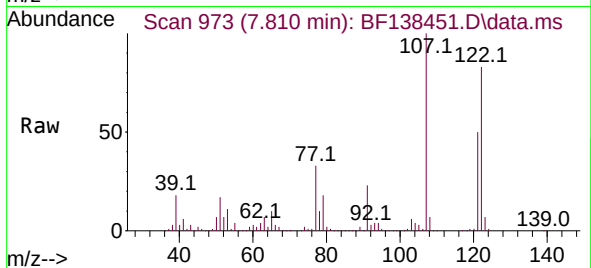
#27
2,4-Dimethylphenol
Concen: 56.016 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

Instrument :

BNA_F

ClientSampleId :

VNJ-238MSD



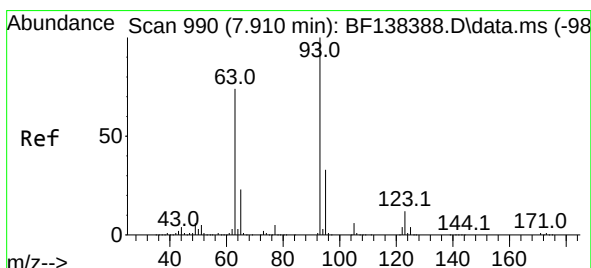
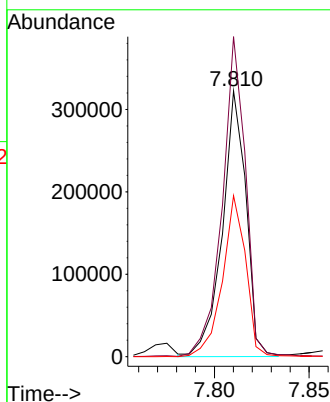
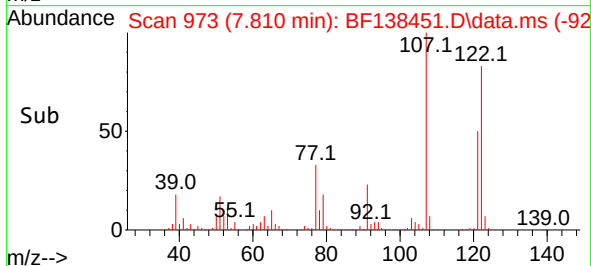
Tgt Ion:122 Resp: 279534
Ion Ratio Lower Upper
122 100
107 120.4 92.5 138.7
121 60.5 46.5 69.7

Manual Integrations

APPROVED

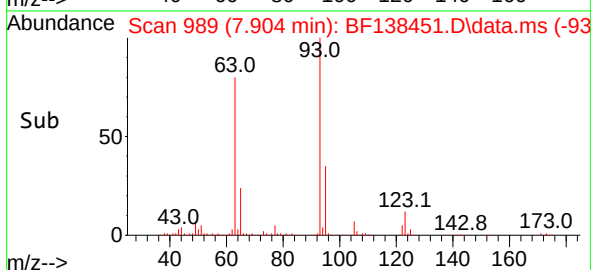
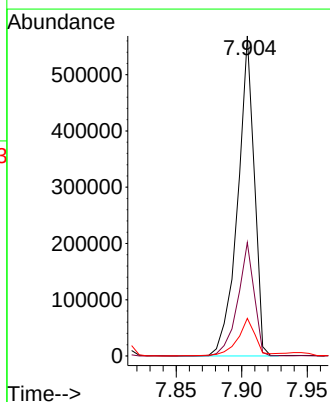
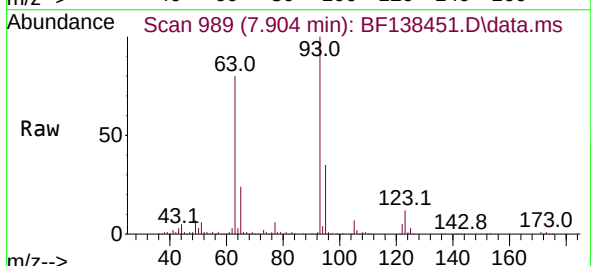
Reviewed By :Yogesh Patel 07/05/2024

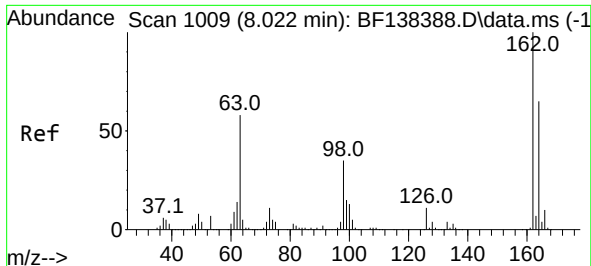
Supervised By :mohammad ahmed 07/05/2024



#28
bis(2-Chloroethoxy)methane
Concen: 50.756 ng
RT: 7.904 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

Tgt Ion: 93 Resp: 500664
Ion Ratio Lower Upper
93 100
95 35.5 26.6 40.0
123 11.7 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 51.488 ng

RT: 8.016 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF138451.D

Acq: 03 Jul 2024 17:40

Instrument :

BNA_F

ClientSampleId :

VNJ-238MSD

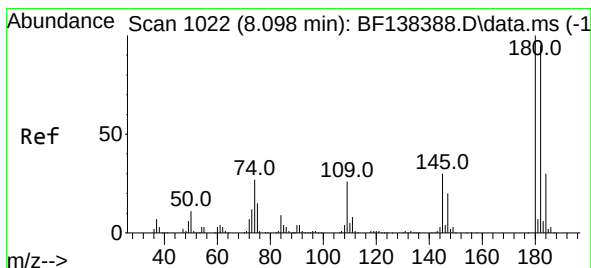
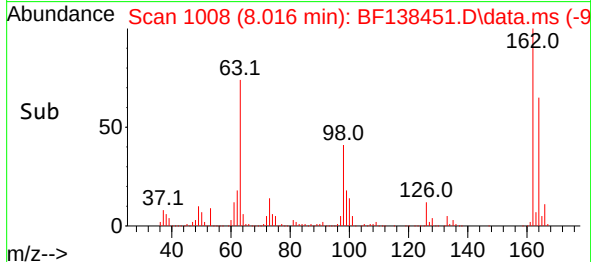
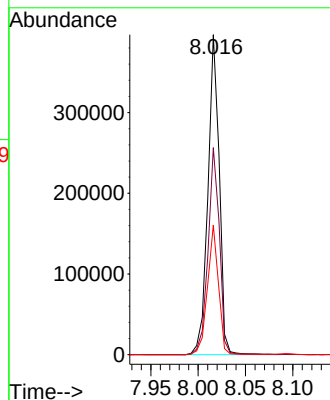
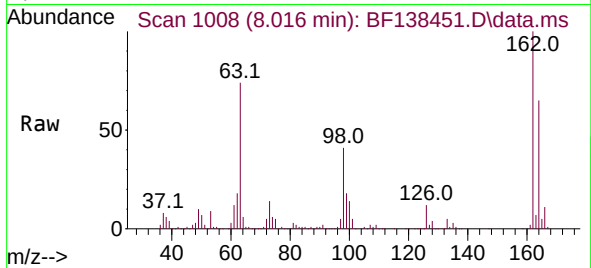
Tgt Ion:162	Resp: 330004
Ion Ratio	Lower Upper
162 100	
164 64.7	45.4 85.4
98 40.5	15.2 55.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#30

1,2,4-Trichlorobenzene

Concen: 49.732 ng

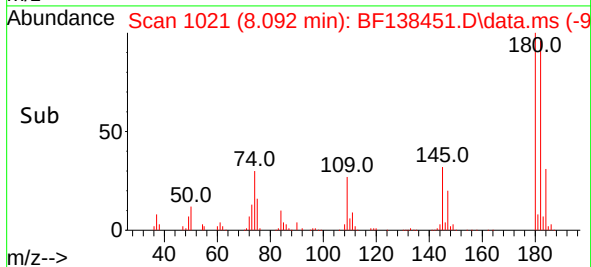
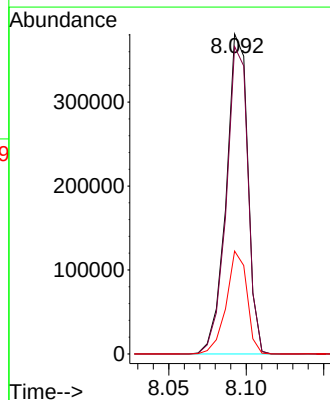
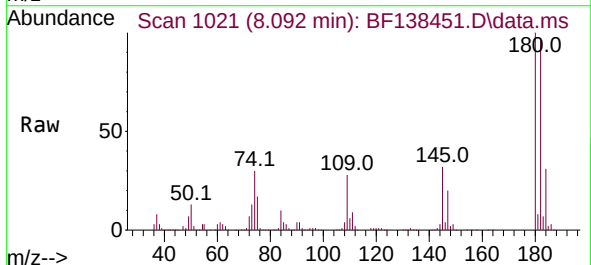
RT: 8.092 min Scan# 1021

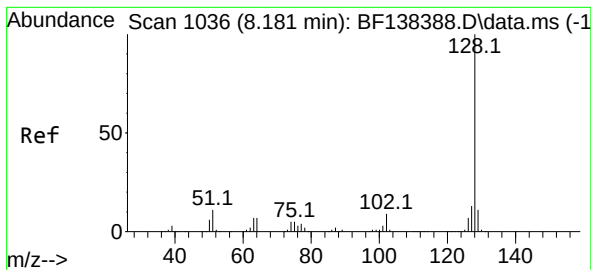
Delta R.T. -0.006 min

Lab File: BF138451.D

Acq: 03 Jul 2024 17:40

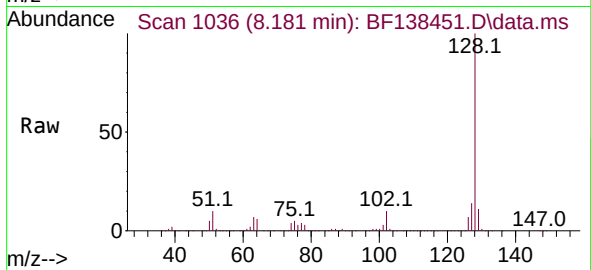
Tgt Ion:180	Resp: 370613
Ion Ratio	Lower Upper
180 100	
182 96.1	76.0 114.0
145 32.1	24.2 36.2





#31
Naphthalene
Concen: 50.370 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

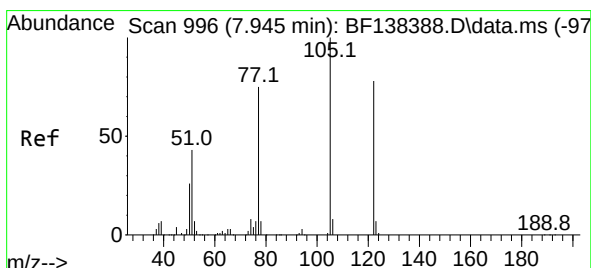
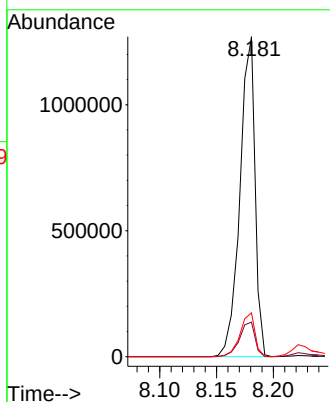
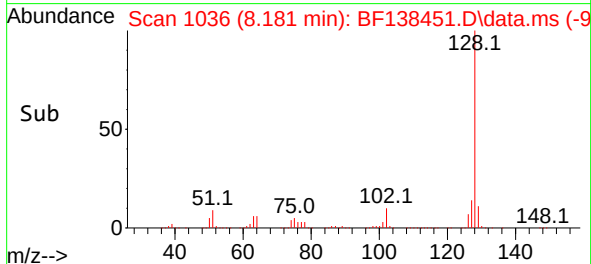
Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD



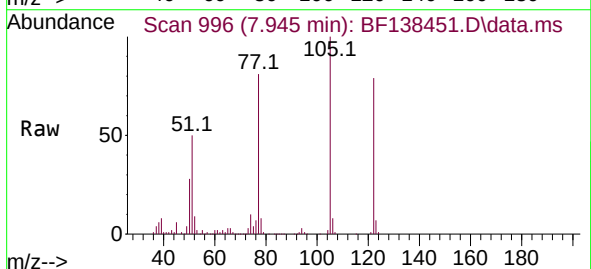
Tgt Ion:128 Resp: 117562
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.7 10.6 16.0

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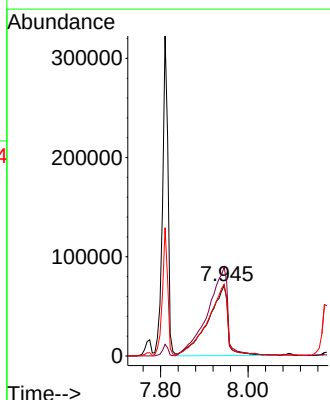
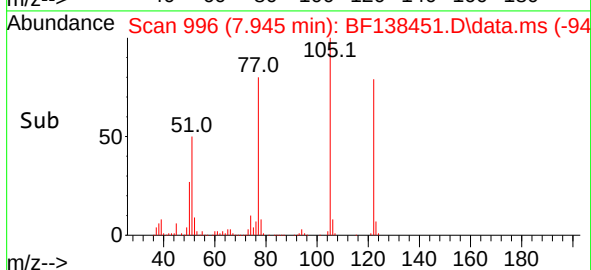
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

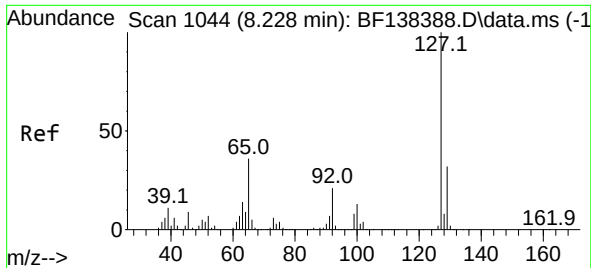


#32
Benzoic acid
Concen: 49.367 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.000 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40



Tgt Ion:122 Resp: 225755
Ion Ratio Lower Upper
122 100
105 127.0 103.8 143.8
77 102.6 74.3 114.3





#33
4-Chloroaniline
Concen: 9.021 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

Instrument :

BNA_F

ClientSampleId :

VNJ-238MSD

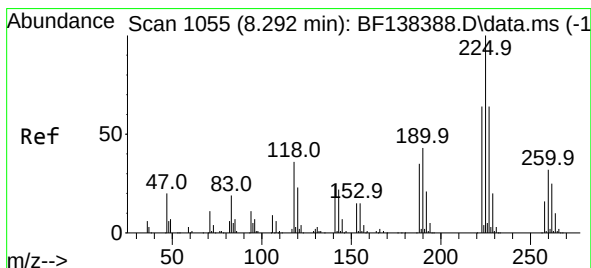
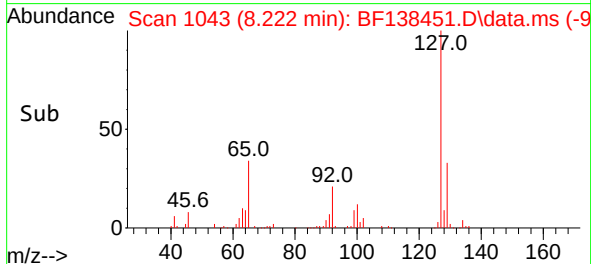
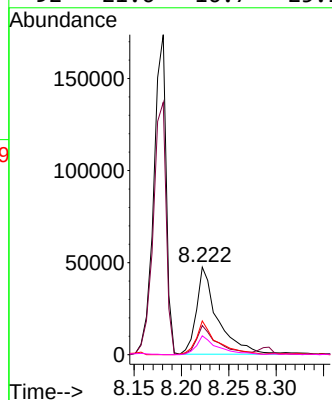
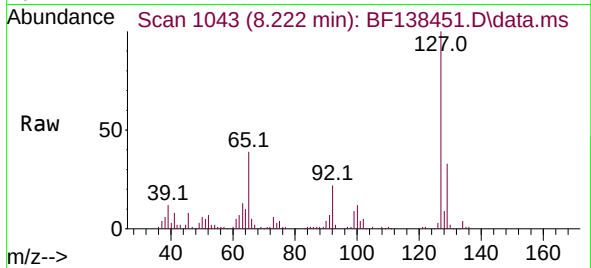
Tgt Ion:127 Resp: 7353
Ion Ratio Lower Upper
127 100
129 33.2 25.4 38.2
65 38.5 28.7 43.1
92 21.6 16.7 25.1

Manual Integrations

APPROVED

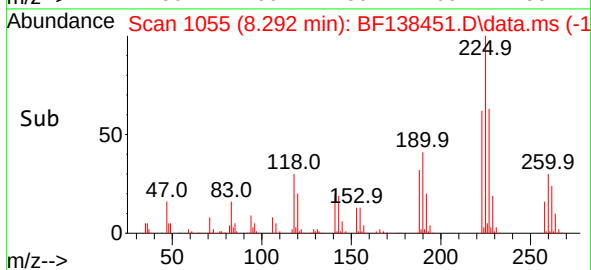
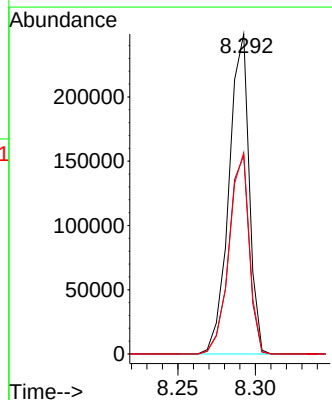
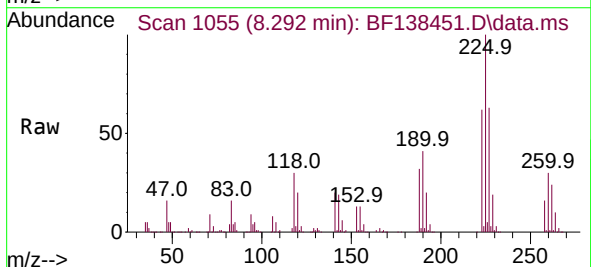
Reviewed By :Yogesh Patel 07/05/2024

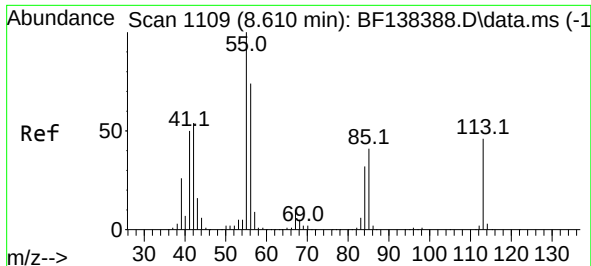
Supervised By :mohammad ahmed 07/05/2024



#34
Hexachlorobutadiene
Concen: 50.436 ng
RT: 8.292 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

Tgt Ion:225 Resp: 225661
Ion Ratio Lower Upper
225 100
223 62.0 51.0 76.6
227 62.9 51.2 76.8





#35
Caprolactam
Concen: 46.312 ng m
RT: 8.604 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

Instrument :

BNA_F

ClientSampleId :

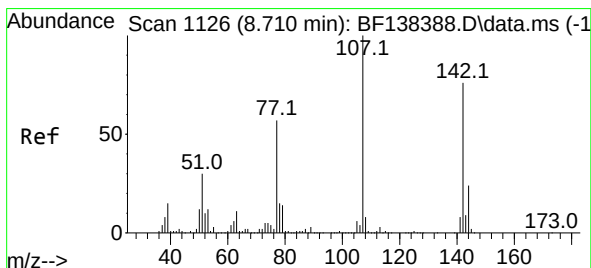
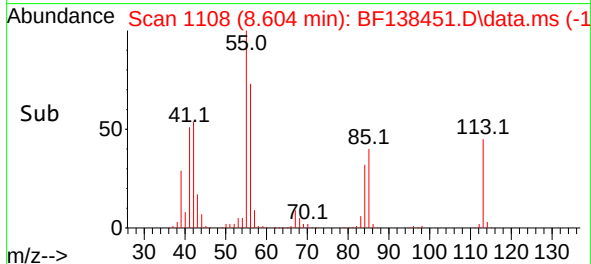
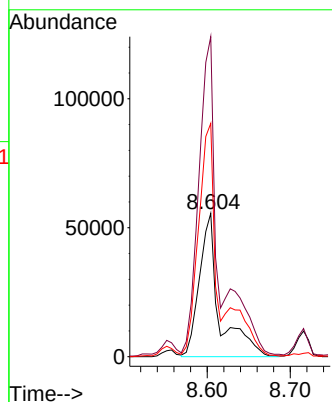
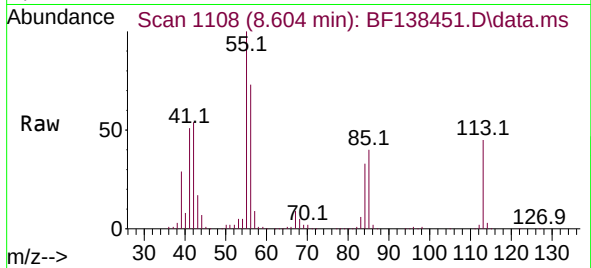
VNJ-238MSD

Tgt Ion:113 Resp: 93733
Ion Ratio Lower Upper
113 100
55 223.3 195.9 235.9
56 162.8 138.7 178.7

Manual Integrations

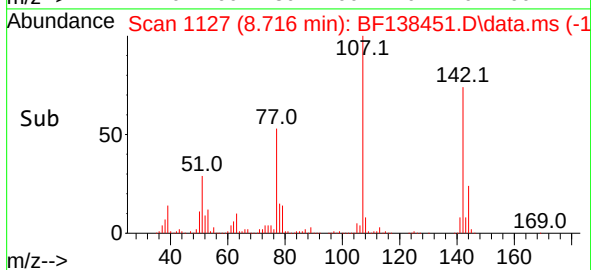
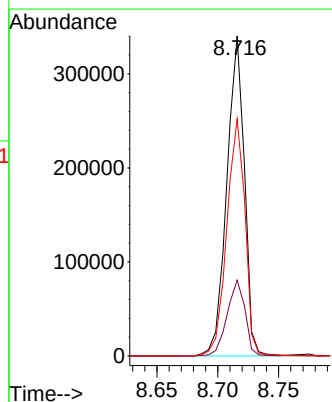
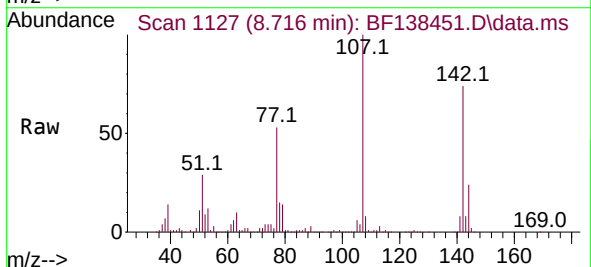
APPROVED

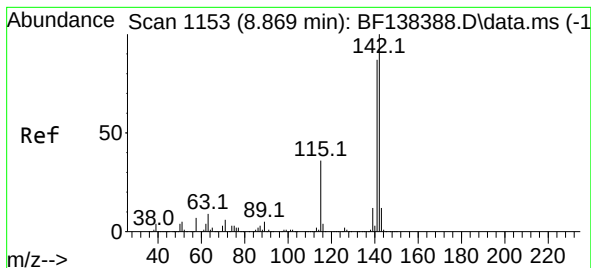
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#36
4-Chloro-3-methylphenol
Concen: 50.279 ng
RT: 8.716 min Scan# 1127
Delta R.T. 0.006 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

Tgt Ion:107 Resp: 343255
Ion Ratio Lower Upper
107 100
144 23.7 19.2 28.8
142 74.0 61.0 91.6





#37
2-Methylnaphthalene
Concen: 48.856 ng
RT: 8.869 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

Instrument :

BNA_F

ClientSampleId :

VNJ-238MSD

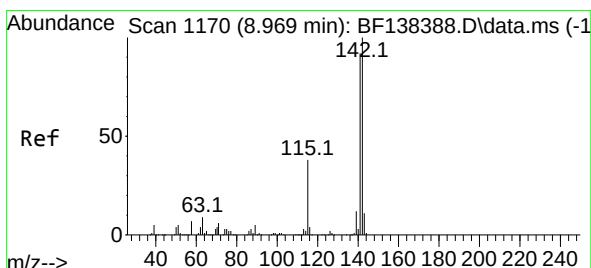
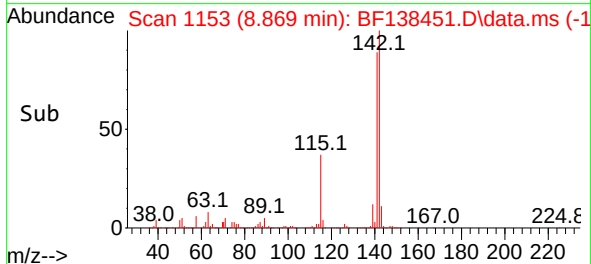
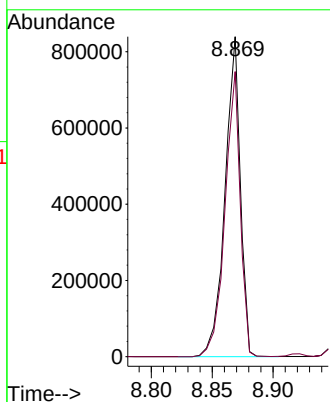
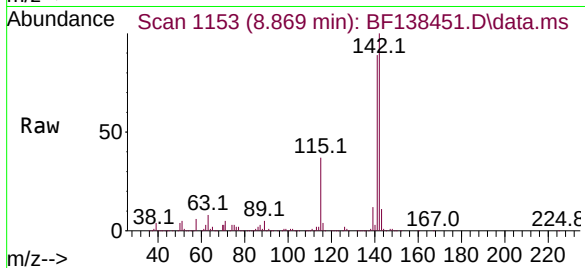
Tgt Ion:142 Resp: 73696
Ion Ratio Lower Upper
142 100
141 89.1 69.6 104.4

Manual Integrations

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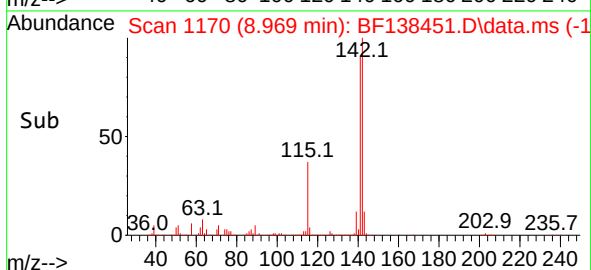
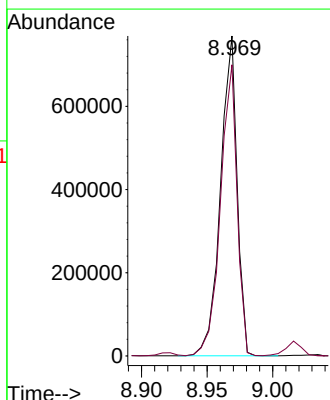
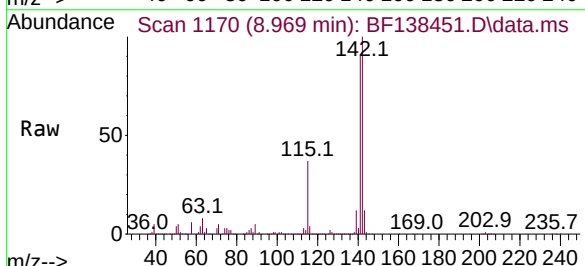
Reviewed By :Yogesh Patel 07/05/2024

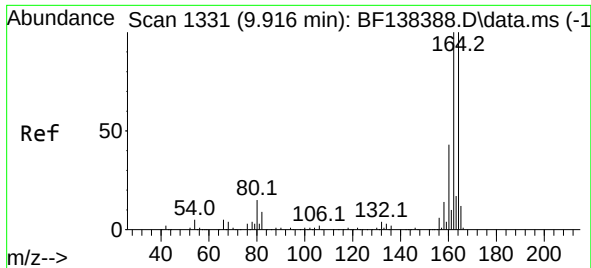
Supervised By :mohammad ahmed 07/05/2024



#38
1-Methylnaphthalene
Concen: 46.119 ng
RT: 8.969 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

Tgt Ion:142 Resp: 674680
Ion Ratio Lower Upper
142 100
141 91.0 73.7 110.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1130
Delta R.T. -0.006 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

Instrument :

BNA_F

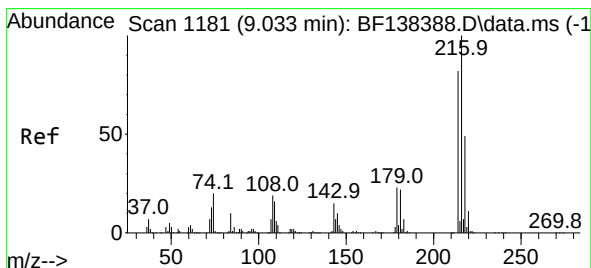
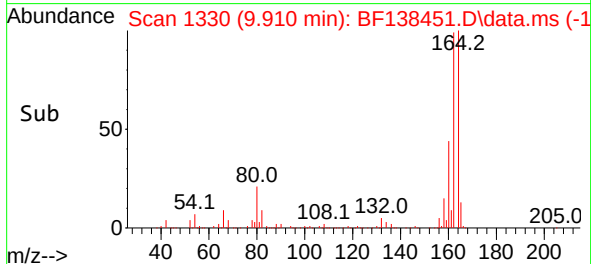
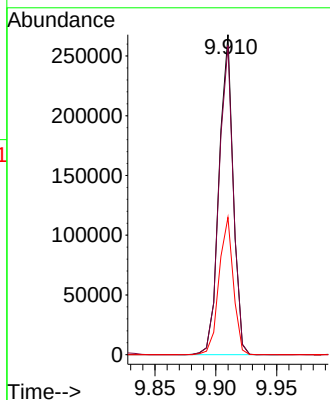
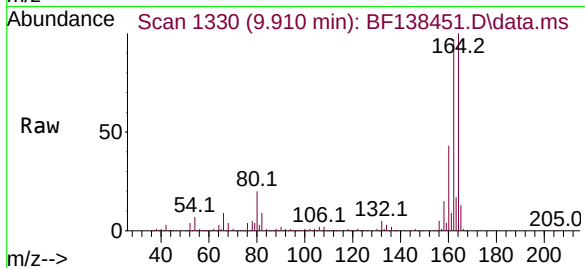
ClientSampleId :

VNJ-238MSD

Tgt Ion:164 Resp: 216228
Ion Ratio Lower Upper
164 100
162 96.6 80.1 120.1
160 42.9 34.1 51.1

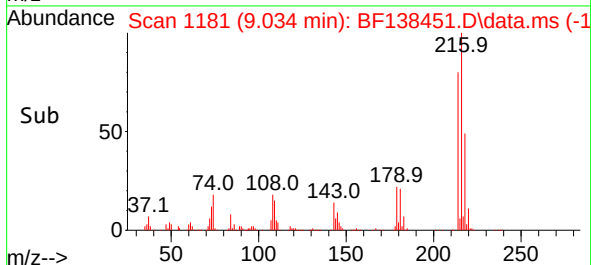
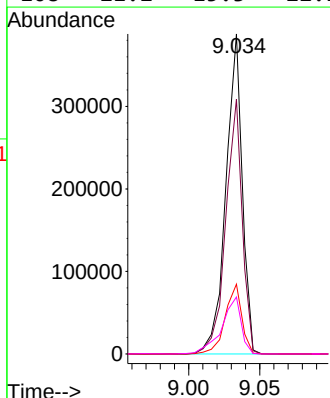
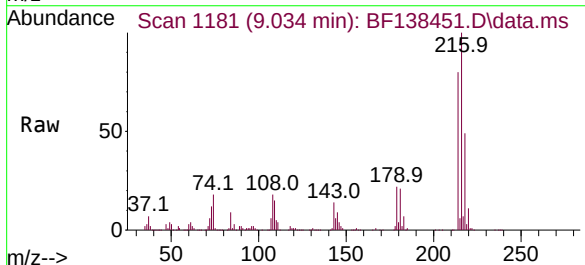
Manual Integrations
APPROVED

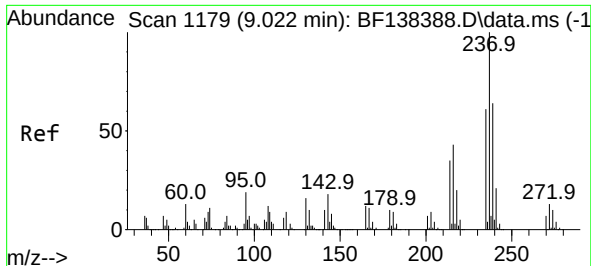
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.809 ng
RT: 9.034 min Scan# 1181
Delta R.T. 0.001 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

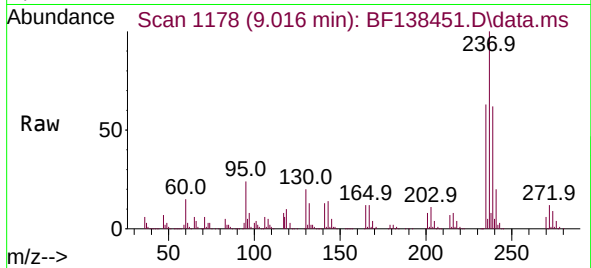
Tgt Ion:216 Resp: 309866
Ion Ratio Lower Upper
216 100
214 80.1 64.2 96.4
179 22.1 17.4 26.0
108 21.2 15.3 22.9





#41
Hexachlorocyclopentadiene
Concen: 137.346 ng
RT: 9.016 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

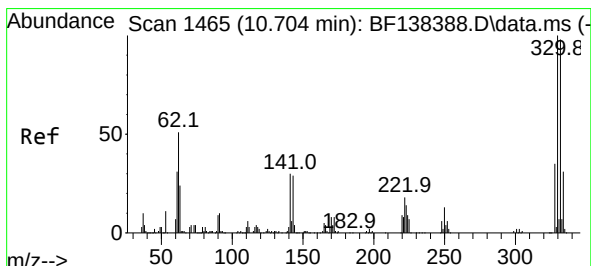
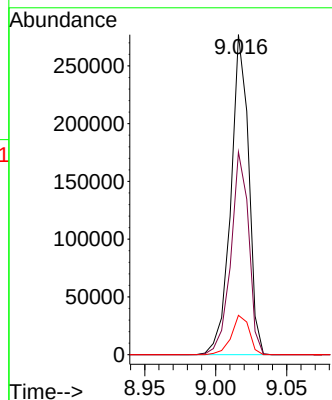
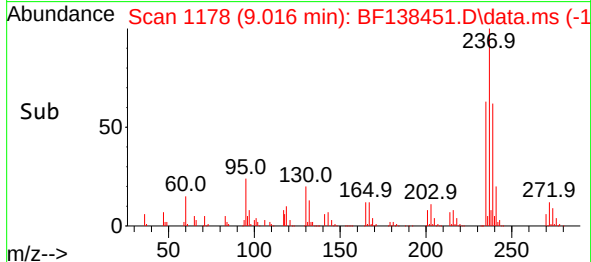
Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD



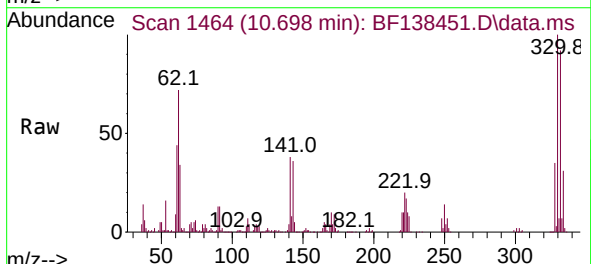
Tgt Ion:237 Resp: 241790
Ion Ratio Lower Upper
237 100
235 63.4 41.4 81.4
272 12.3 0.0 33.1

Manual Integrations
APPROVED

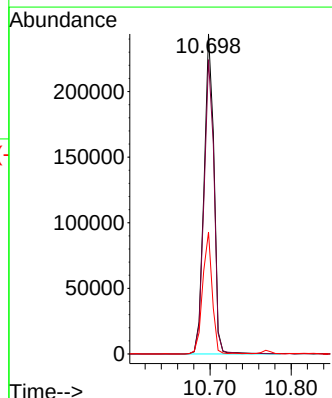
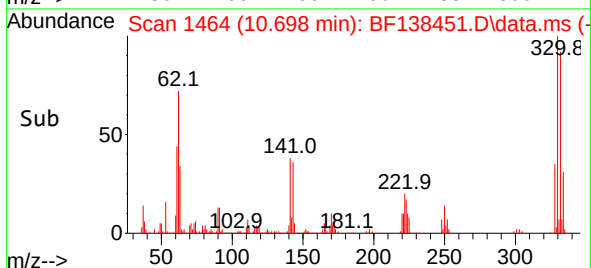
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

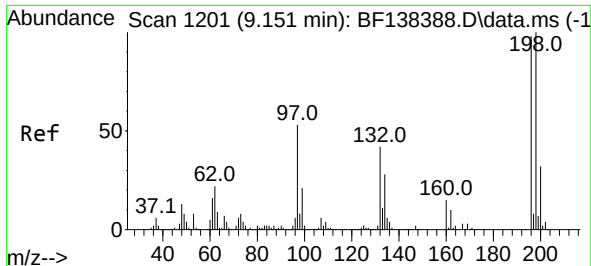


#42
2,4,6-Tribromophenol
Concen: 116.879 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40



Tgt Ion:330 Resp: 206480
Ion Ratio Lower Upper
330 100
332 93.5 77.0 115.6
141 36.8 28.1 42.1





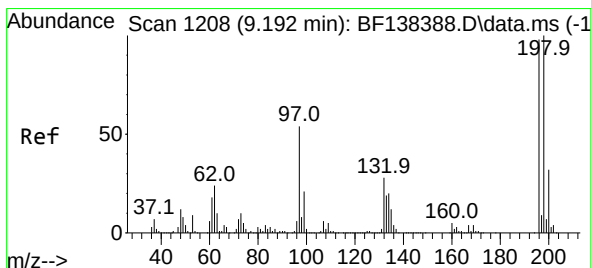
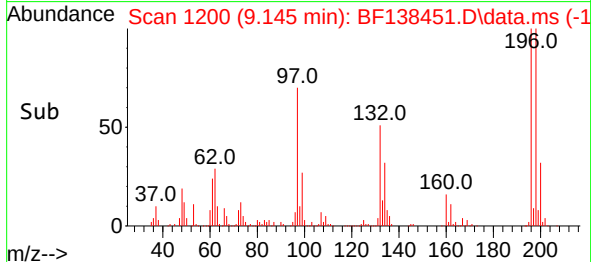
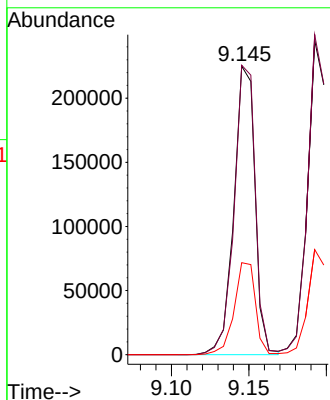
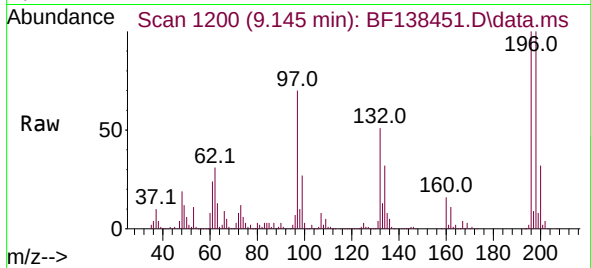
#43
2,4,6-Trichlorophenol
Concen: 56.017 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD

Tgt Ion:196 Resp: 21318
Ion Ratio Lower Upper
196 100
198 100.3 81.8 122.8
200 31.9 26.2 39.4

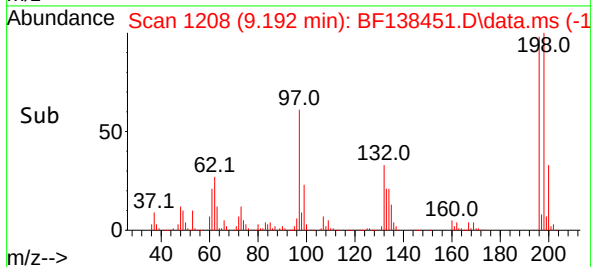
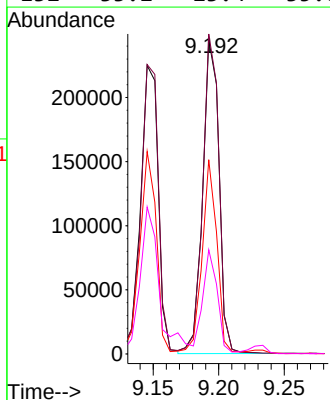
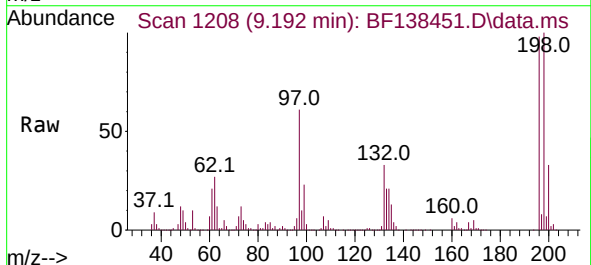
Manual Integrations
APPROVED

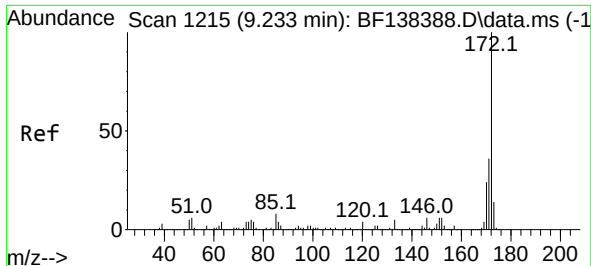
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#44
2,4,5-Trichlorophenol
Concen: 51.610 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.000 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

Tgt Ion:196 Resp: 213608
Ion Ratio Lower Upper
196 100
198 101.8 81.8 122.6
97 61.8 44.2 66.4
132 33.2 23.4 35.0





#45
2-Fluorobiphenyl
Concen: 95.763 ng
RT: 9.234 min Scan# 1215
Delta R.T. 0.001 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

Instrument :

BNA_F

ClientSampleId :

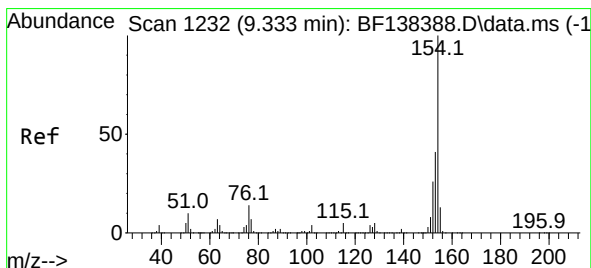
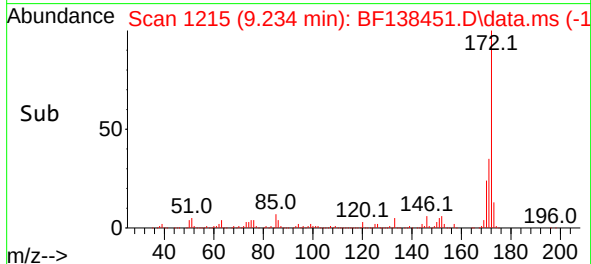
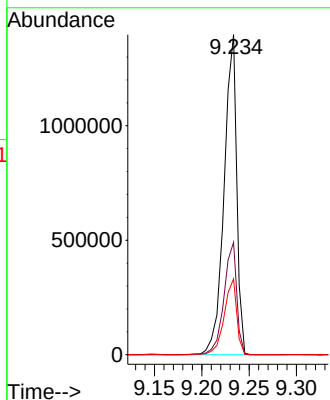
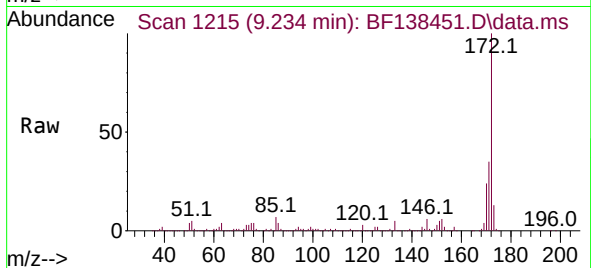
VNJ-238MSD

Tgt Ion:172 Resp: 1301118
Ion Ratio Lower Upper
172 100
171 35.1 29.0 43.4
170 23.7 19.0 28.6

Manual Integrations

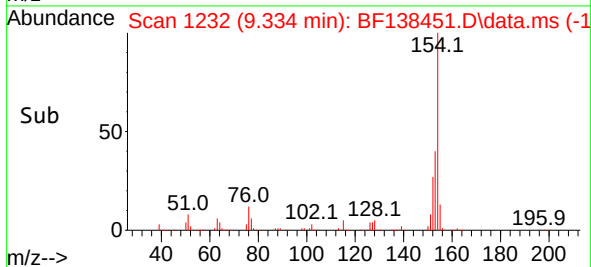
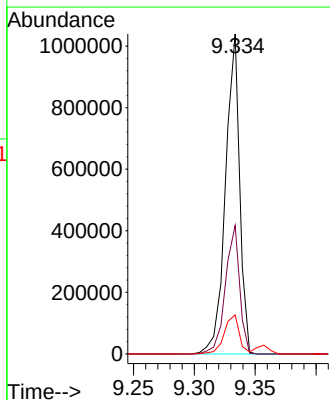
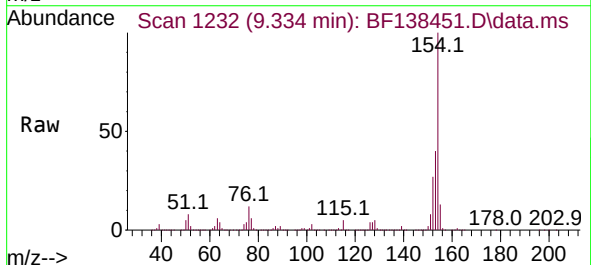
APPROVED

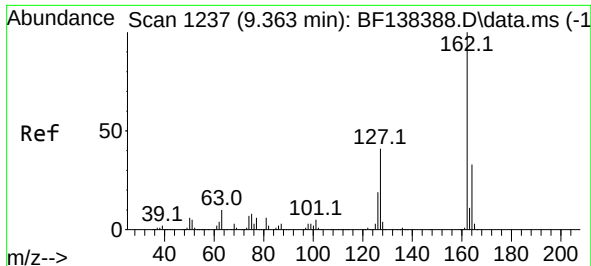
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#46
1,1'-Biphenyl
Concen: 52.032 ng
RT: 9.334 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

Tgt Ion:154 Resp: 840047
Ion Ratio Lower Upper
154 100
153 40.2 20.5 60.5
76 12.2 0.0 34.4





#47

2-Chloronaphthalene

Concen: 53.178 ng

RT: 9.357 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BF138451.D

Acq: 03 Jul 2024 17:40

Instrument :

BNA_F

ClientSampleId :

VNJ-238MSD

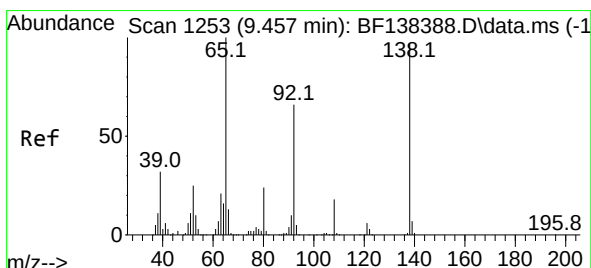
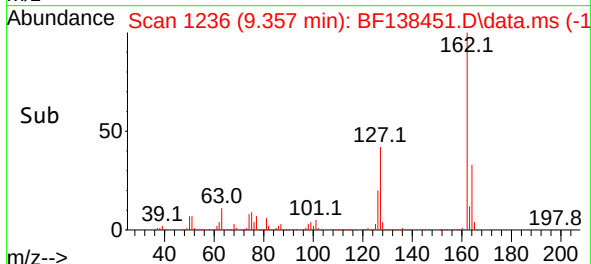
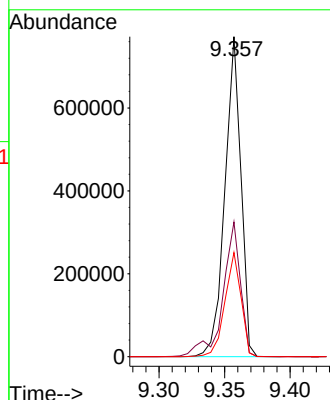
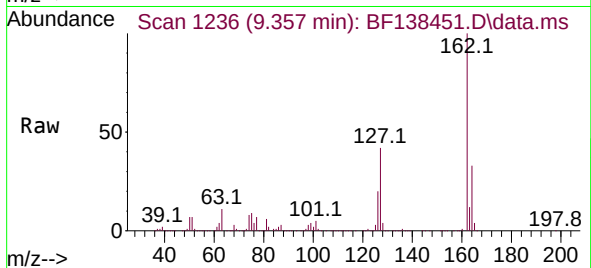
Tgt Ion:162 Resp: 654600
 Ion Ratio Lower Upper
 162 100
 127 42.1 32.7 49.1
 164 32.5 26.6 40.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#48

2-Nitroaniline

Concen: 57.512 ng

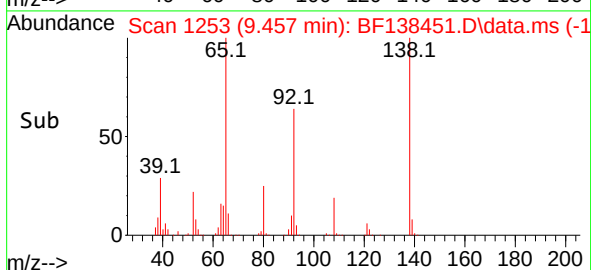
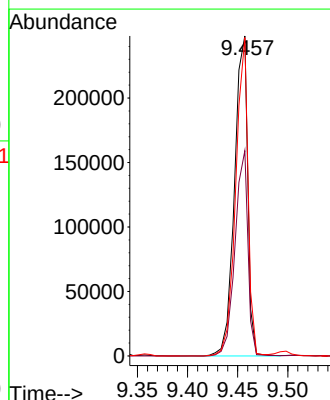
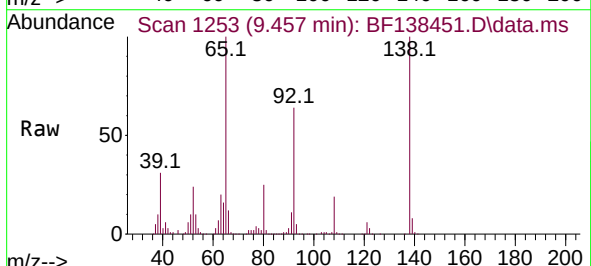
RT: 9.457 min Scan# 1253

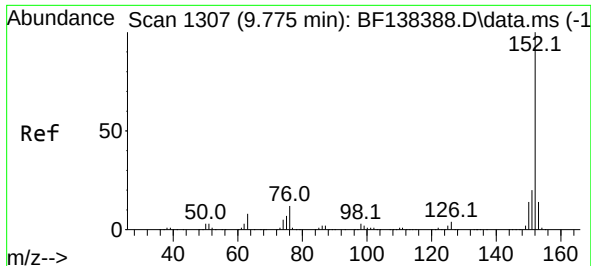
Delta R.T. 0.000 min

Lab File: BF138451.D

Acq: 03 Jul 2024 17:40

Tgt Ion: 65 Resp: 228366
 Ion Ratio Lower Upper
 65 100
 92 64.1 52.6 79.0
 138 99.5 77.4 116.0





#49

Acenaphthylene

Concen: 56.360 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138451.D

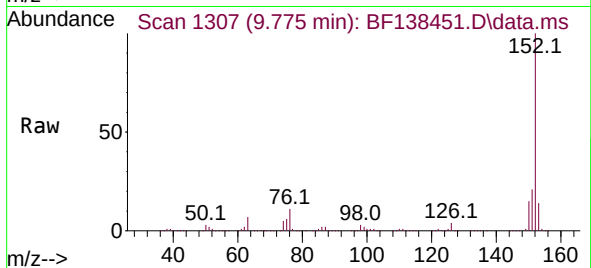
Acq: 03 Jul 2024 17:40

Instrument :

BNA_F

ClientSampleId :

VNJ-238MSD



Tgt Ion:152 Resp: 975715

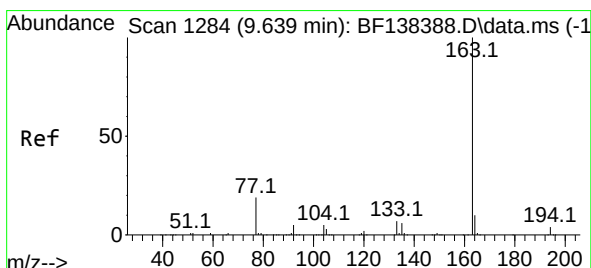
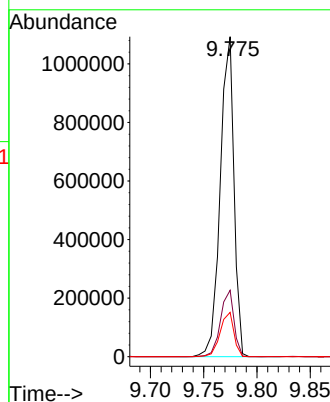
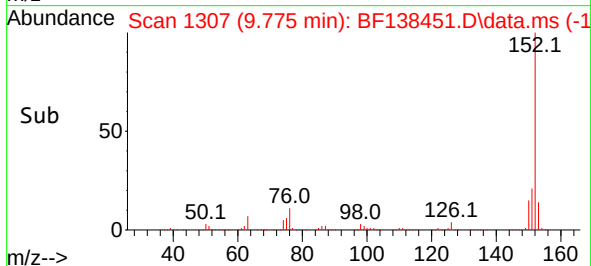
Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.2	24.4
153	13.8	11.4	17.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#50

Dimethylphthalate

Concen: 56.466 ng

RT: 9.634 min Scan# 1283

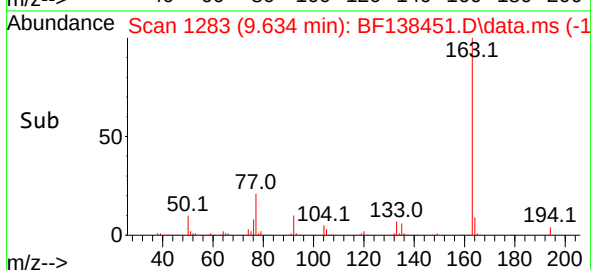
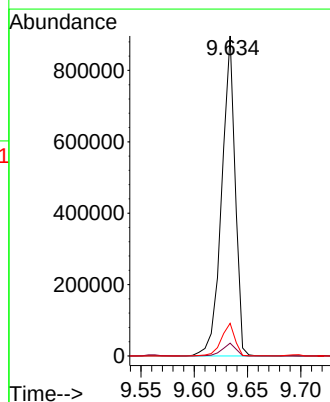
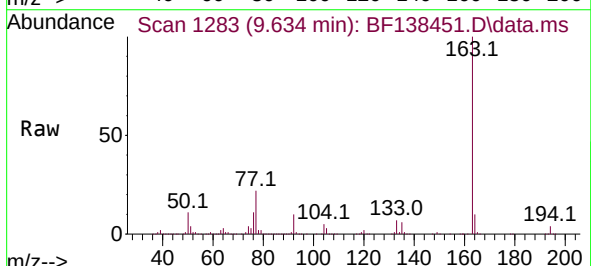
Delta R.T. -0.006 min

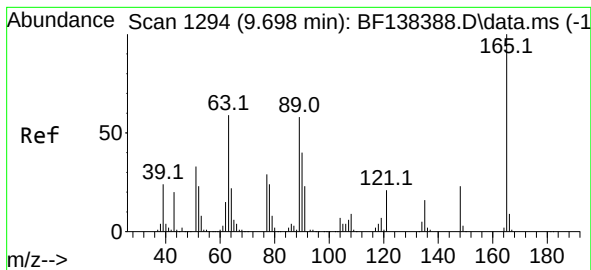
Lab File: BF138451.D

Acq: 03 Jul 2024 17:40

Tgt Ion:163 Resp: 784684

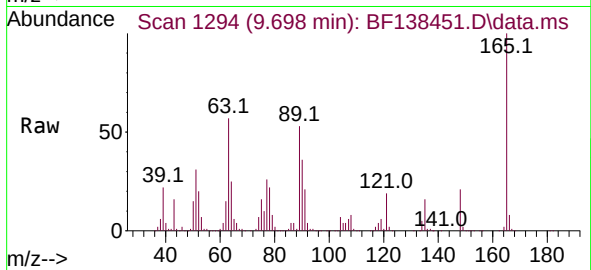
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	10.2	8.2	12.4





#51
2,6-Dinitrotoluene
Concen: 52.788 ng
RT: 9.698 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

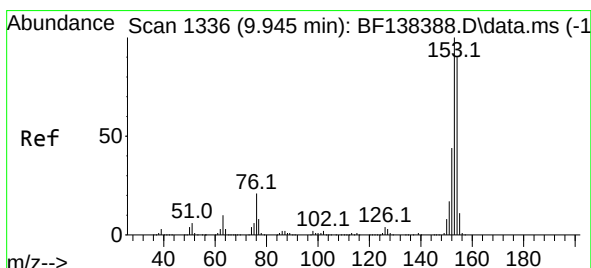
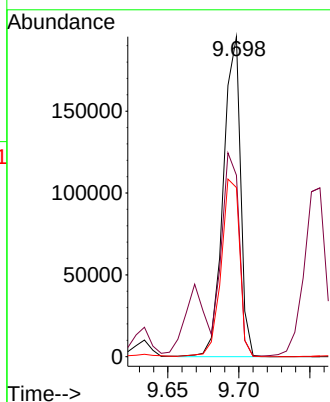
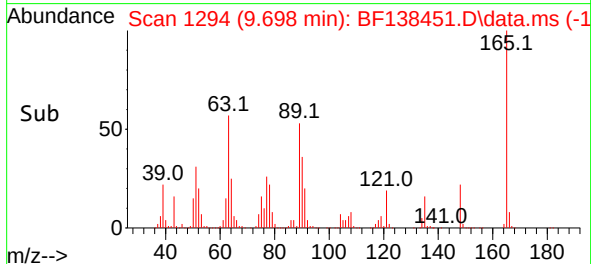
Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD



Tgt Ion:165 Resp: 164298
Ion Ratio Lower Upper
165 100
63 56.7 53.8 80.8
89 52.8 46.4 69.6

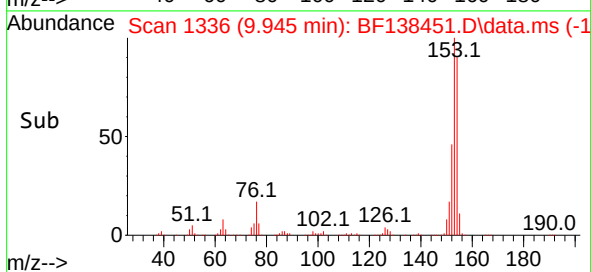
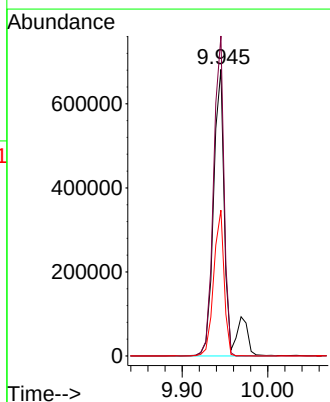
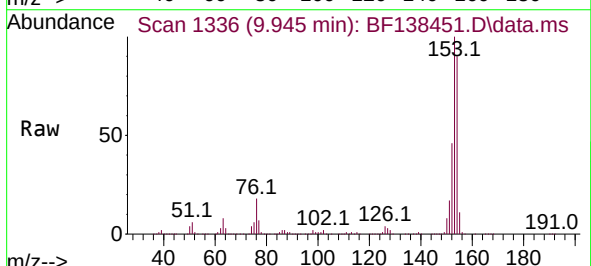
Manual Integrations
APPROVED

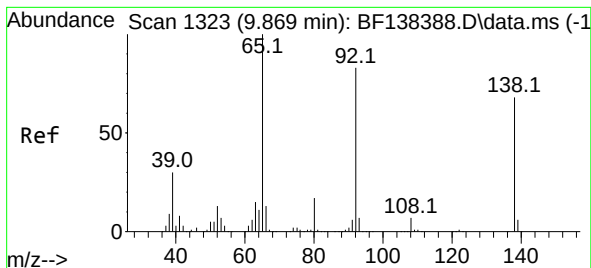
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#52
Acenaphthene
Concen: 56.250 ng m
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

Tgt Ion:154 Resp: 666798
Ion Ratio Lower Upper
154 100
153 111.7 89.4 134.0
152 50.9 39.7 59.5





#53

3-Nitroaniline

Concen: 32.041 ng

RT: 9.863 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138451.D

Acq: 03 Jul 2024 17:40

Instrument :

BNA_F

ClientSampleId :

VNJ-238MSD

Tgt Ion:138 Resp: 98490

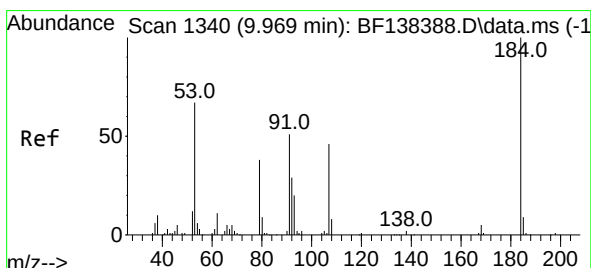
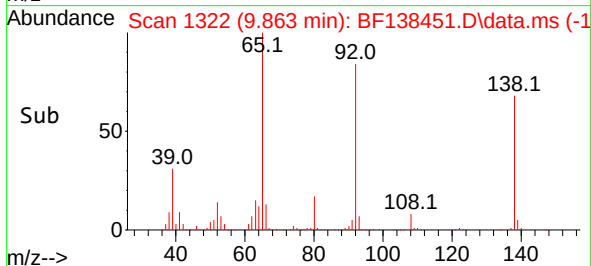
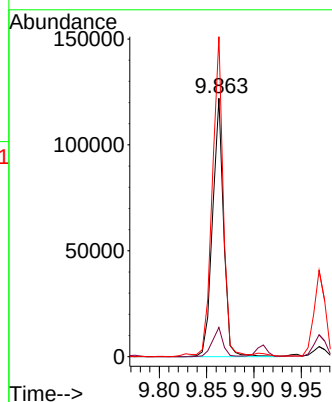
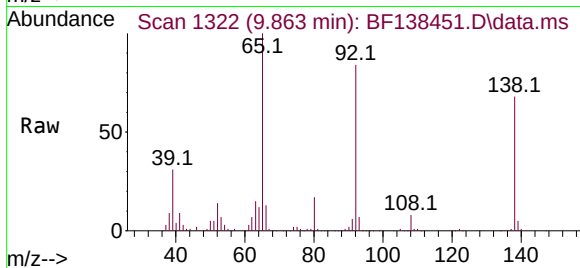
Ion	Ratio	Lower	Upper
138	100		
108	11.3	8.6	12.8
92	123.9	97.3	145.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#54

2,4-Dinitrophenol

Concen: 95.660 ng

RT: 9.969 min Scan# 1340

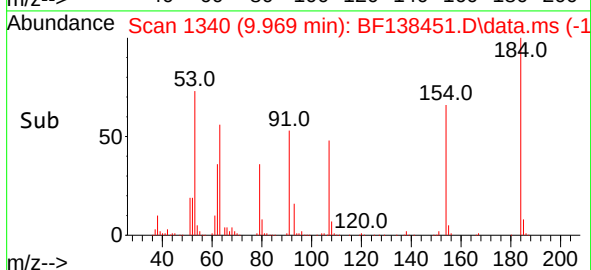
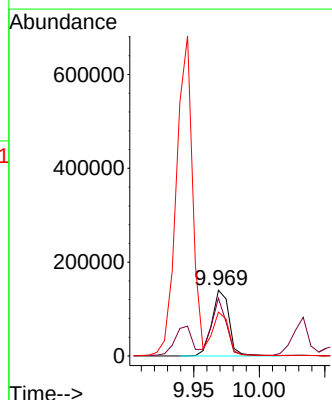
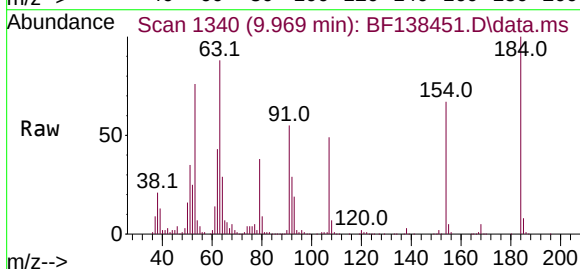
Delta R.T. -0.000 min

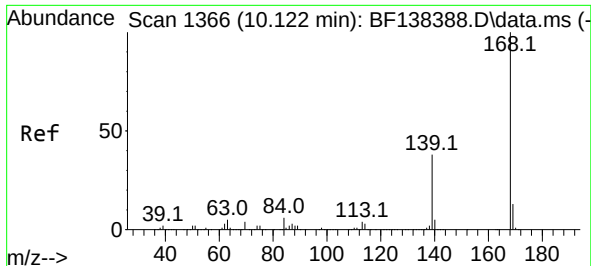
Lab File: BF138451.D

Acq: 03 Jul 2024 17:40

Tgt Ion:184 Resp: 128519

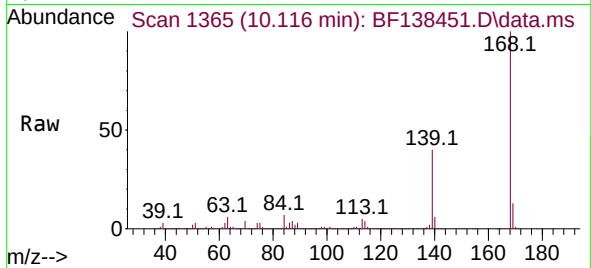
Ion	Ratio	Lower	Upper
184	100		
63	87.8	67.3	100.9
154	66.6	51.0	76.4





#55
Dibenzenofuran
Concen: 51.850 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

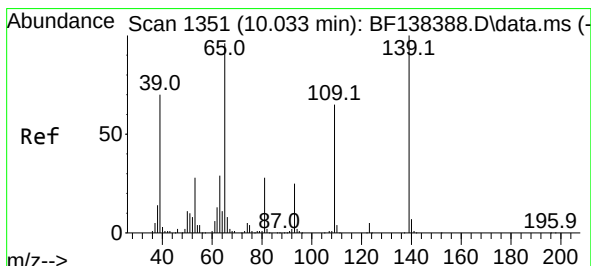
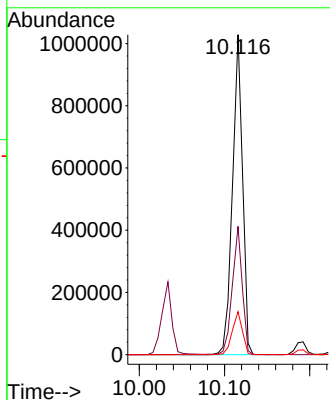
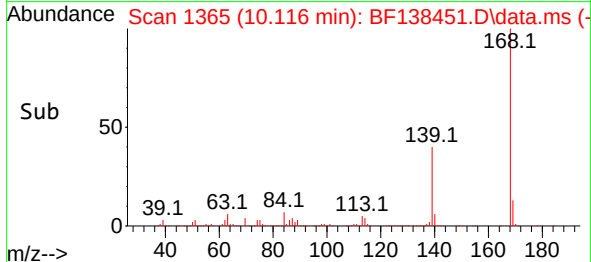
Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD



Tgt Ion:168 Resp: 846849
Ion Ratio Lower Upper
168 100
139 40.1 30.4 45.6
169 13.5 10.7 16.1

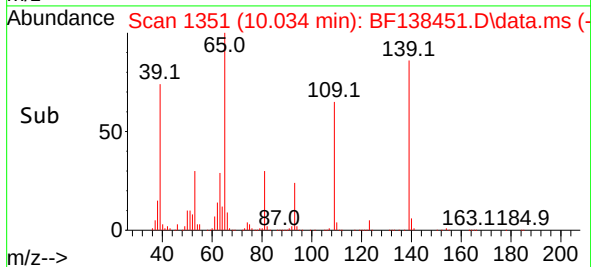
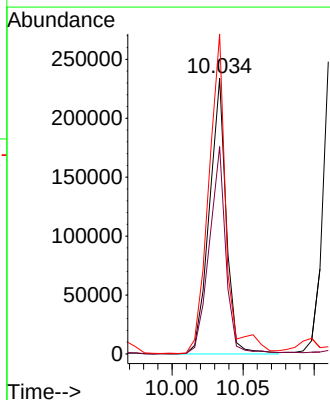
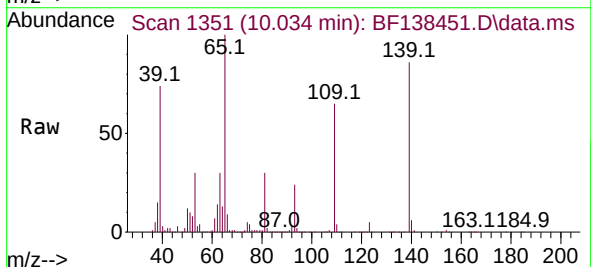
Manual Integrations
APPROVED

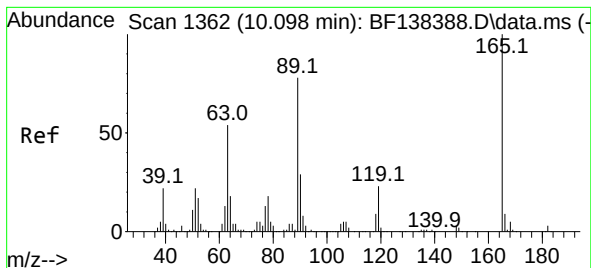
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#56
4-Nitrophenol
Concen: 96.919 ng
RT: 10.034 min Scan# 1351
Delta R.T. 0.001 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

Tgt Ion:139 Resp: 193162
Ion Ratio Lower Upper
139 100
109 75.2 44.6 84.6
65 116.1 75.9 115.9#





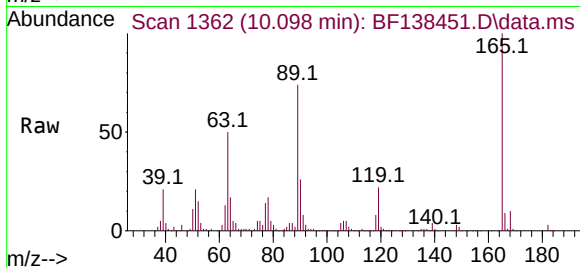
#57
2,4-Dinitrotoluene
Concen: 51.396 ng
RT: 10.098 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

Instrument :

BNA_F

ClientSampleId :

VNJ-238MSD



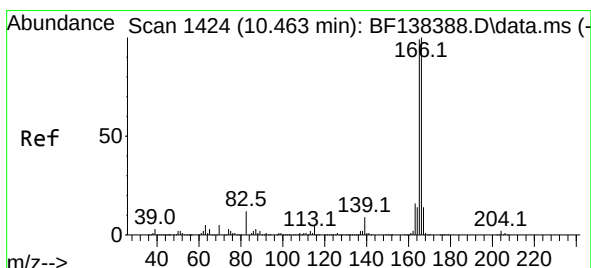
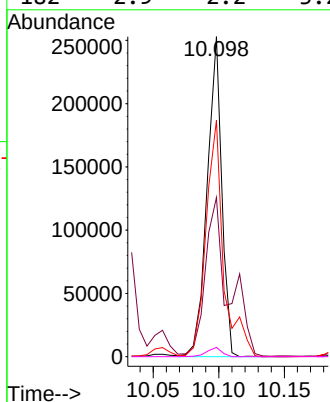
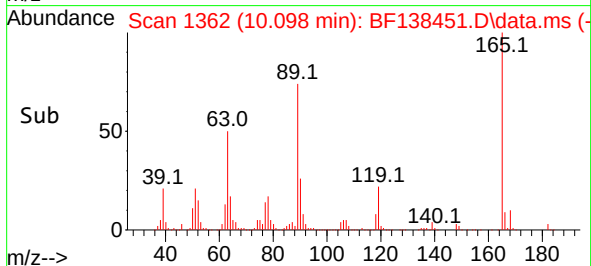
Tgt Ion:165 Resp: 19695
Ion Ratio Lower Upper
165 100
63 49.7 43.4 65.2
89 73.8 62.6 93.8
182 2.9 2.2 3.2

Manual Integrations

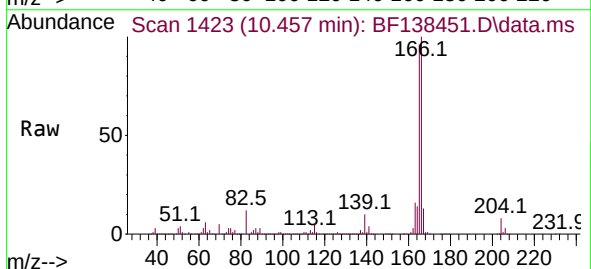
APPROVED

Reviewed By :Yogesh Patel 07/05/2024

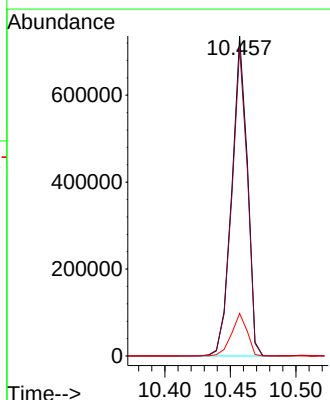
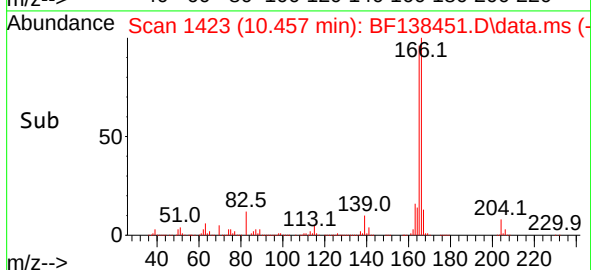
Supervised By :mohammad ahmed 07/05/2024

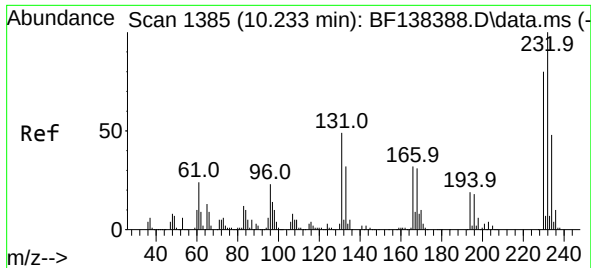


#58
Fluorene
Concen: 46.812 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40



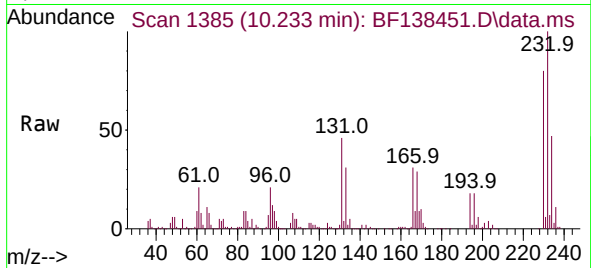
Tgt Ion:166 Resp: 607526
Ion Ratio Lower Upper
166 100
165 96.5 79.0 118.6
167 13.3 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.971 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

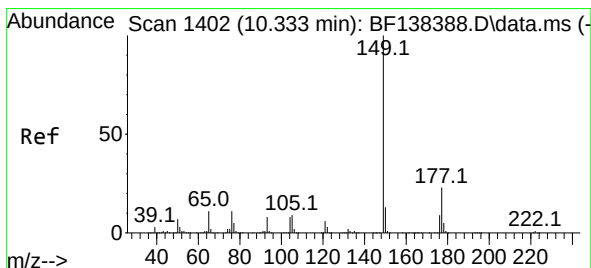
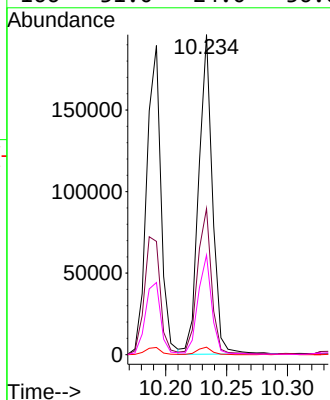
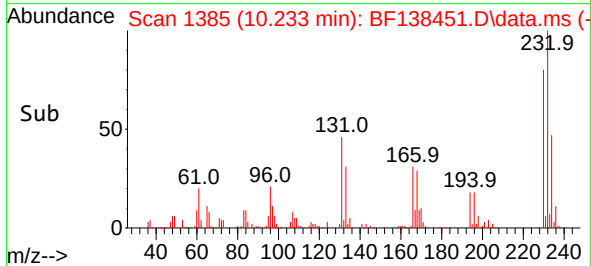
Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD



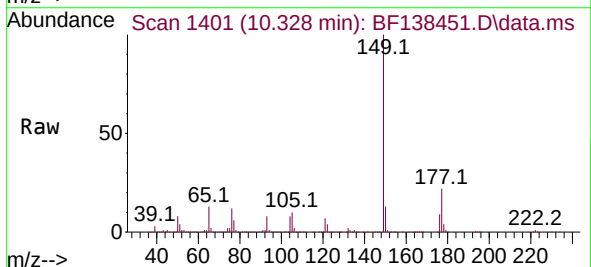
Tgt Ion:232 Resp: 15362
Ion Ratio Lower Upper
232 100
131 46.7 36.6 55.0
130 2.4 1.8 2.8
166 31.0 24.0 36.0

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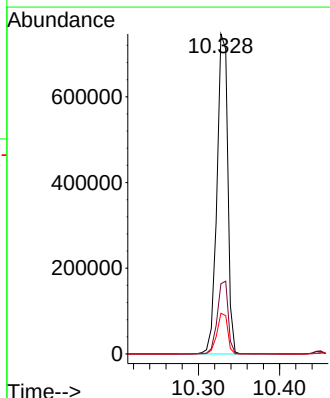
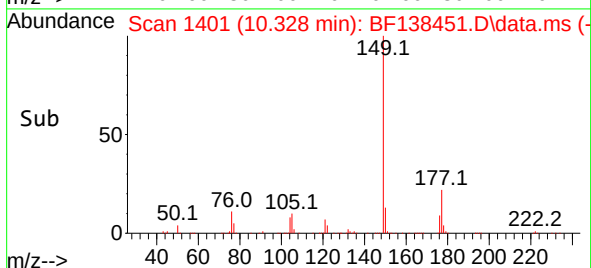
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

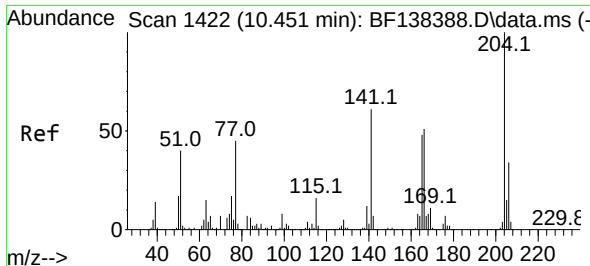


#60
Diethylphthalate
Concen: 53.210 ng
RT: 10.328 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40



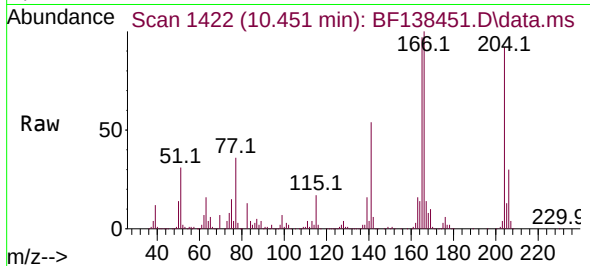
Tgt Ion:149 Resp: 691339
Ion Ratio Lower Upper
149 100
177 22.0 18.4 27.6
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 47.525 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

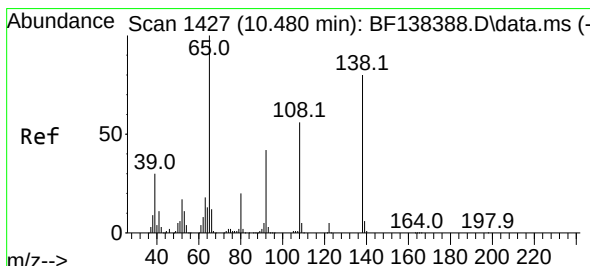
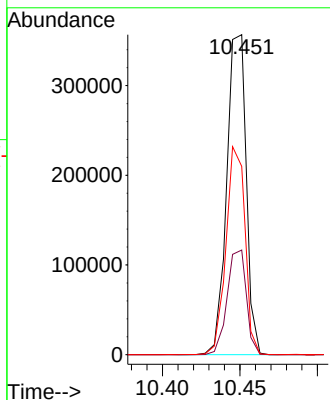
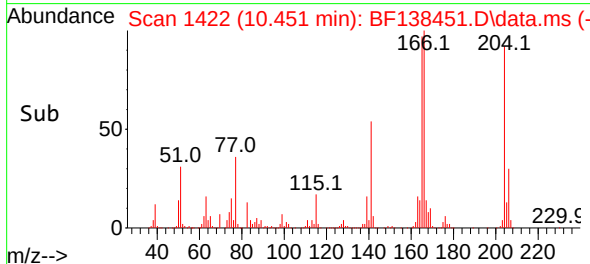
Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD



Tgt Ion:204 Resp: 312938
Ion Ratio Lower Upper
204 100
206 32.7 27.1 40.7
141 58.9 48.4 72.6

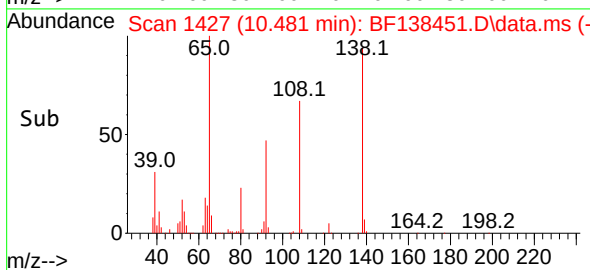
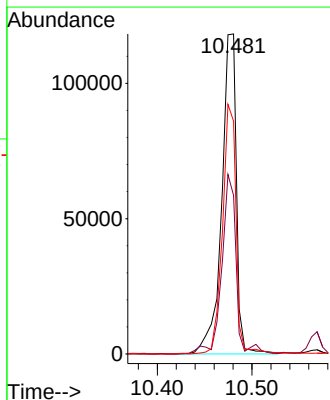
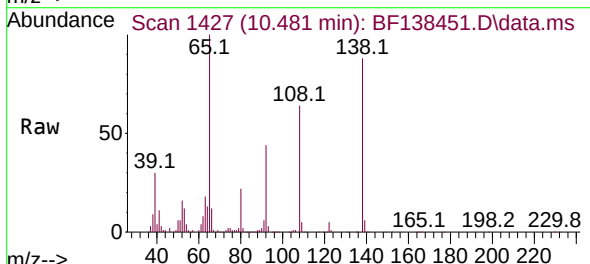
Manual Integrations
APPROVED

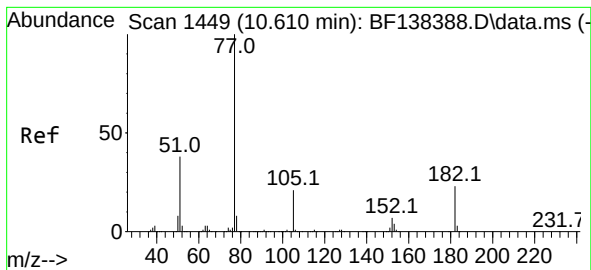
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#62
4-Nitroaniline
Concen: 45.515 ng
RT: 10.481 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

Tgt Ion:138 Resp: 128416
Ion Ratio Lower Upper
138 100
92 49.5 32.6 72.6
108 72.7 50.3 90.3





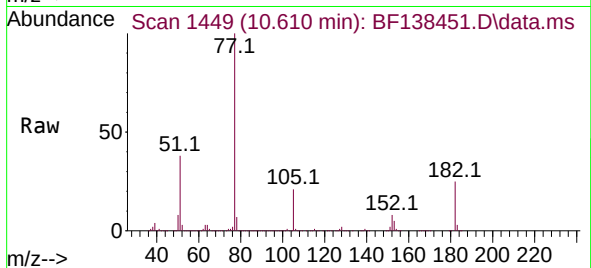
#63
Azobenzene
Concen: 49.991 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

Instrument :

BNA_F

ClientSampleId :

VNJ-238MSD



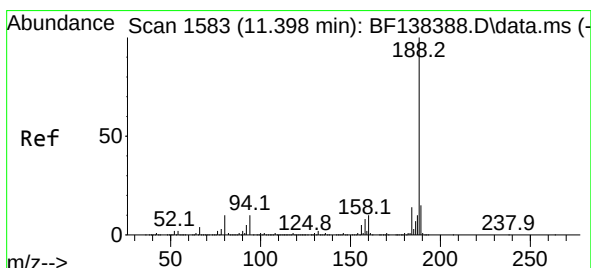
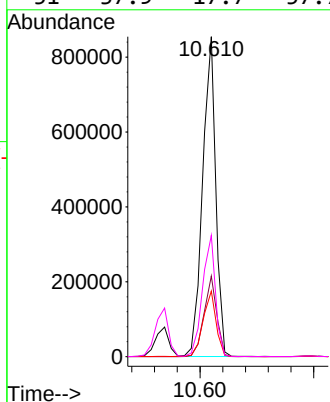
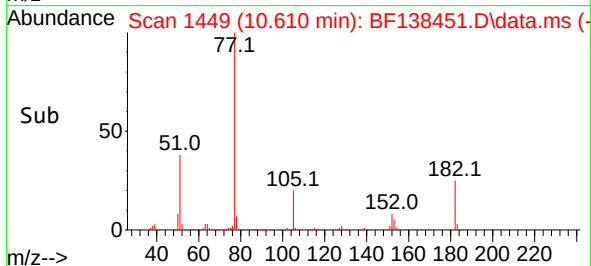
Tgt Ion: 77 Resp: 685930
Ion Ratio Lower Upper
77 100
182 25.2 2.7 42.7
105 20.5 0.6 40.6
51 37.9 17.7 57.7

Manual Integrations

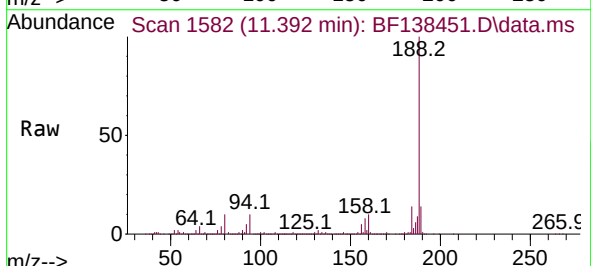
APPROVED

Reviewed By :Yogesh Patel 07/05/2024

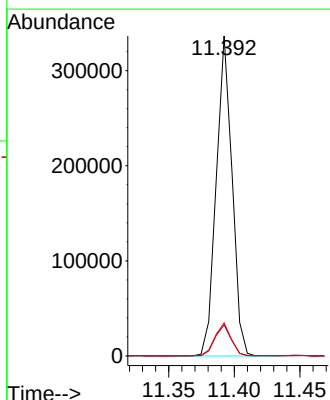
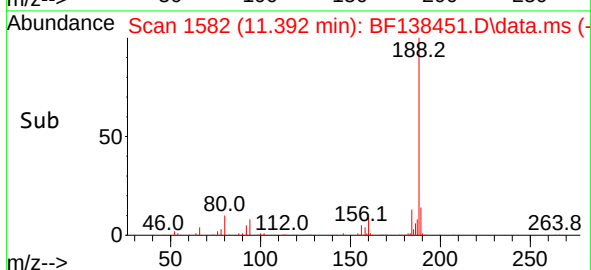
Supervised By :mohammad ahmed 07/05/2024

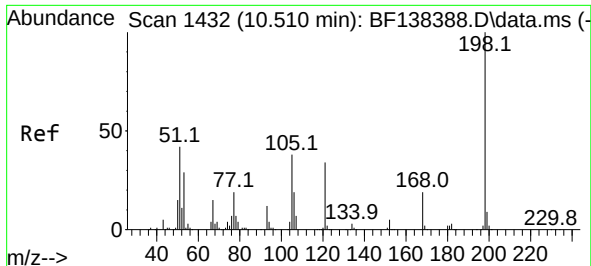


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40



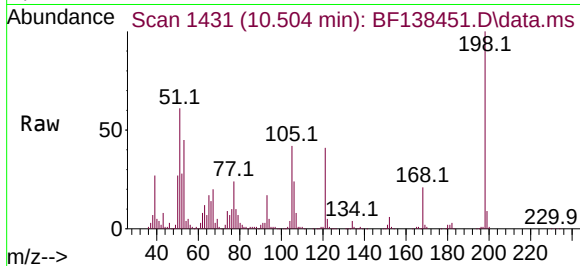
Tgt Ion:188 Resp: 281878
Ion Ratio Lower Upper
188 100
94 9.7 8.0 12.0
80 10.3 8.2 12.4





#65
4,6-Dinitro-2-methylphenol
Concen: 59.421 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

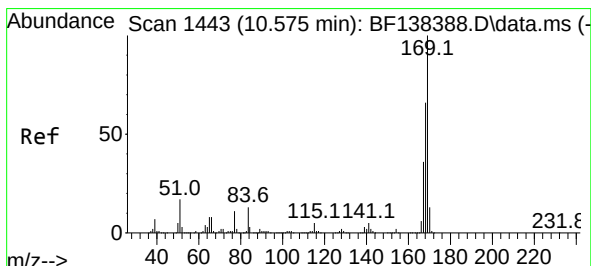
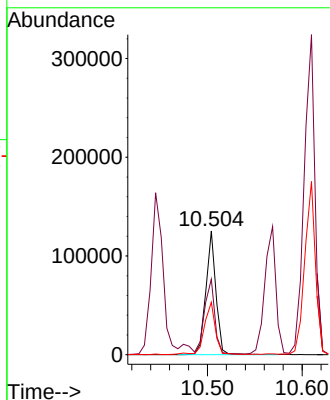
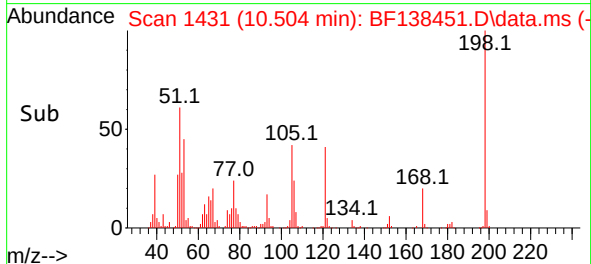
Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD



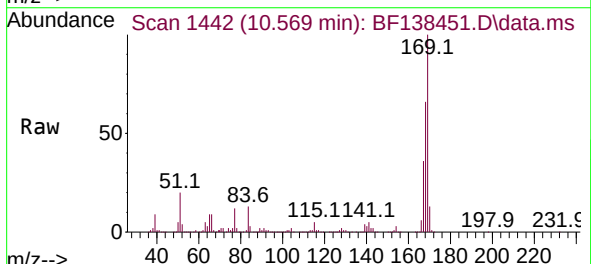
Tgt Ion:198 Resp: 92051
Ion Ratio Lower Upper
198 100
51 61.0 27.9 67.9
105 42.3 18.2 58.2

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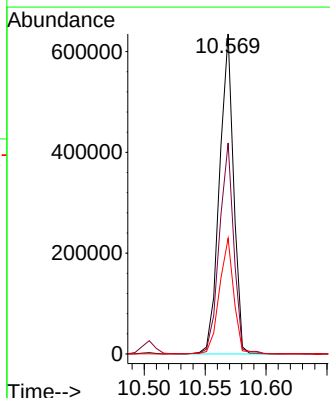
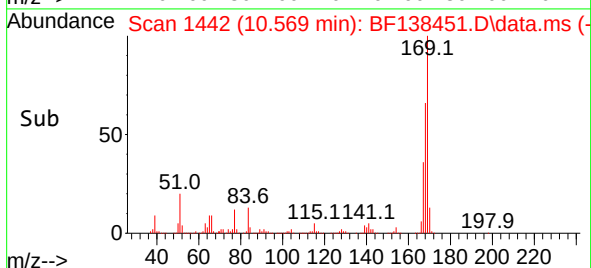
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

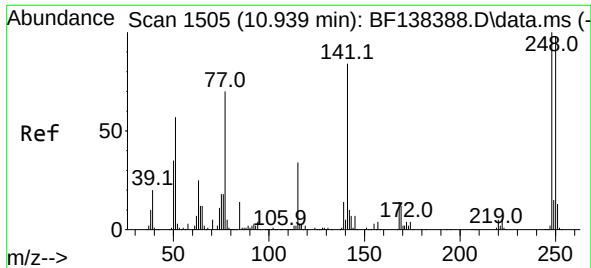


#66
n-Nitrosodiphenylamine
Concen: 58.650 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40



Tgt Ion:169 Resp: 513238
Ion Ratio Lower Upper
169 100
168 65.9 52.5 78.7
167 36.2 28.8 43.2





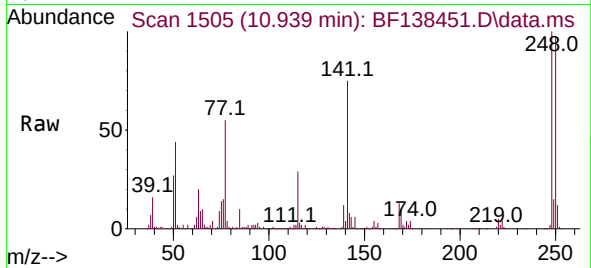
#67
4-Bromophenyl-phenylether
Concen: 55.966 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

Instrument :

BNA_F

ClientSampleId :

VNJ-238MSD

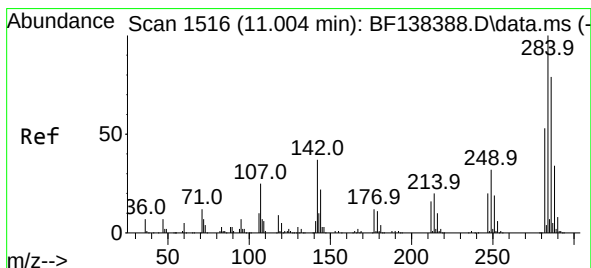
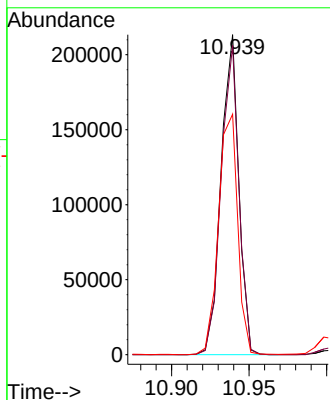
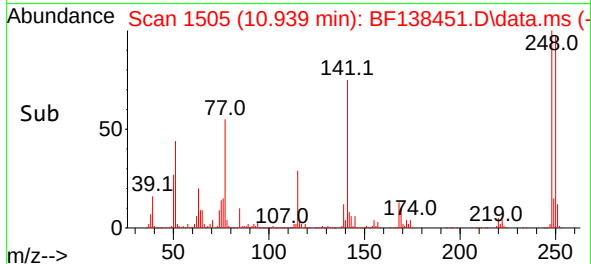


Tgt Ion:248 Resp: 169560
Ion Ratio Lower Upper
248 100
250 96.6 78.2 117.4
141 75.1 67.6 101.4

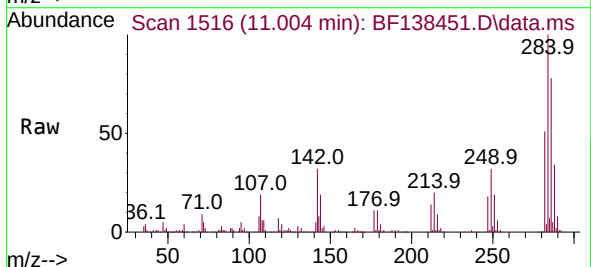
Manual Integrations

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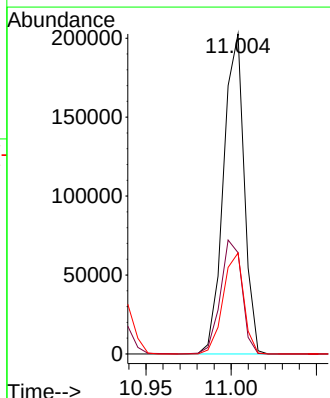
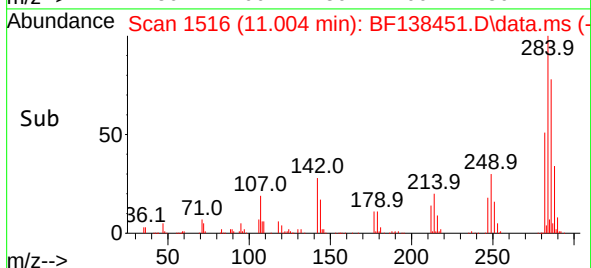
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

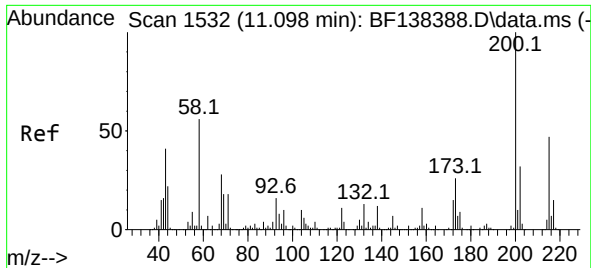


#68
Hexachlorobenzene
Concen: 51.231 ng
RT: 11.004 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40



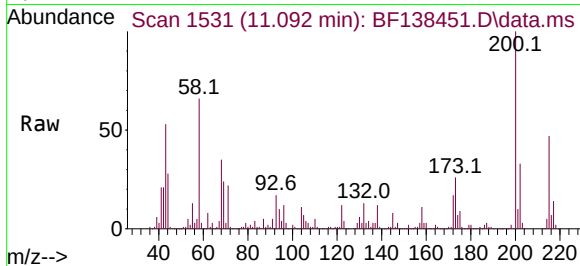
Tgt Ion:284 Resp: 171087
Ion Ratio Lower Upper
284 100
142 31.6 29.2 43.8
249 31.6 25.8 38.6





#69
Atrazine
Concen: 58.600 ng
RT: 11.092 min Scan# 1531
Delta R.T. -0.006 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

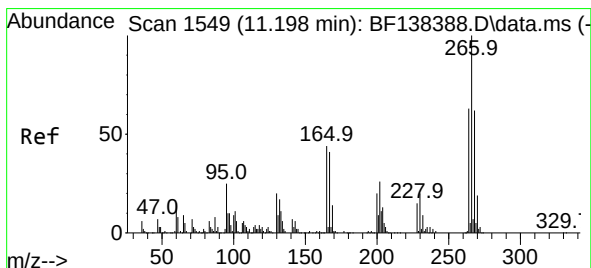
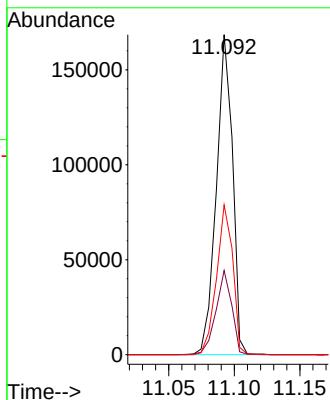
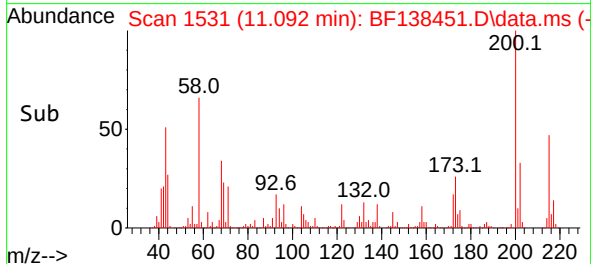
Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD



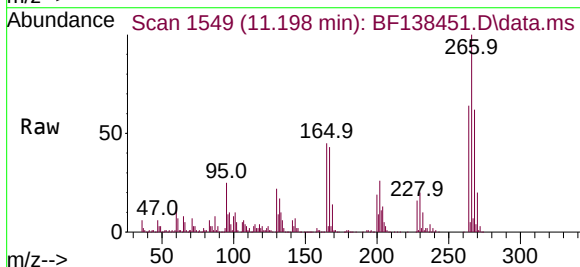
Tgt Ion:200 Resp: 143780
Ion Ratio Lower Upper
200 100
173 26.3 6.2 46.2
215 46.8 27.4 67.4

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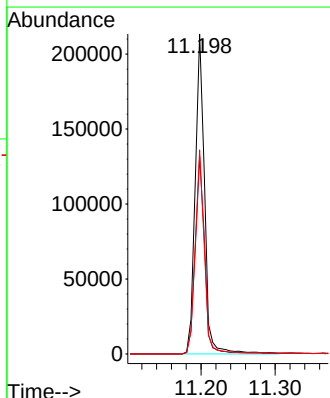
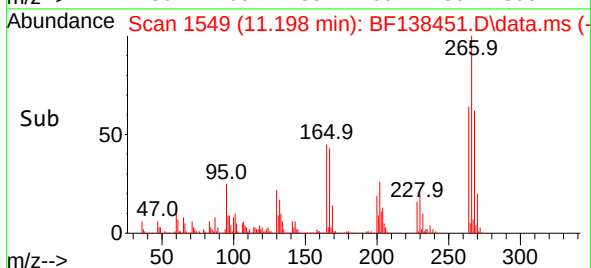
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

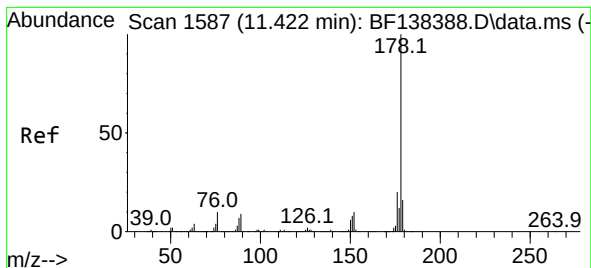


#70
Pentachlorophenol
Concen: 110.305 ng
RT: 11.198 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40



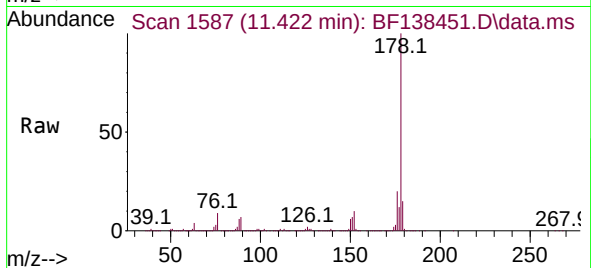
Tgt Ion:266 Resp: 186960
Ion Ratio Lower Upper
266 100
268 61.6 49.9 74.9
264 63.8 50.0 75.0





#71
Phenanthrene
Concen: 56.027 ng
RT: 11.422 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

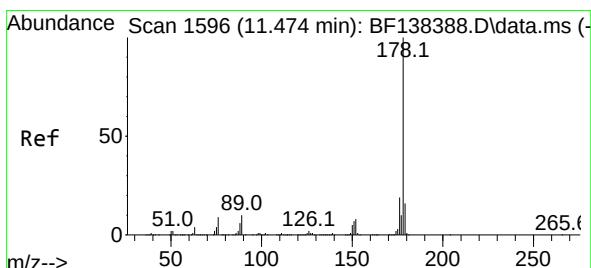
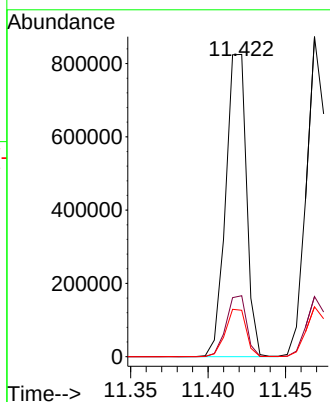
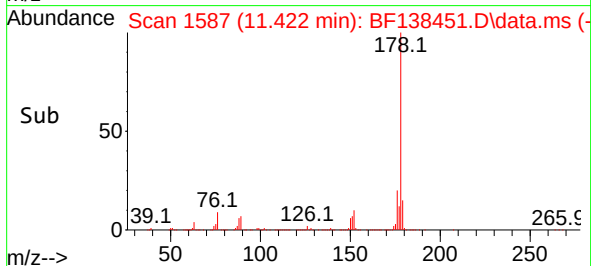
Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD



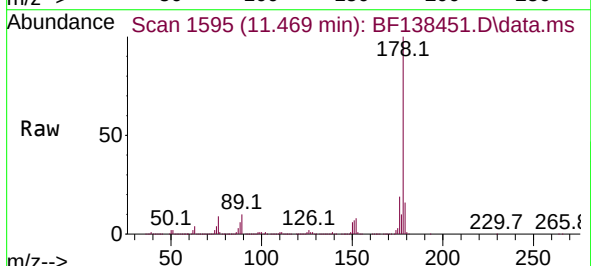
Tgt Ion:178 Resp: 771080
Ion Ratio Lower Upper
178 100
176 20.2 16.1 24.1
179 15.4 12.6 18.8

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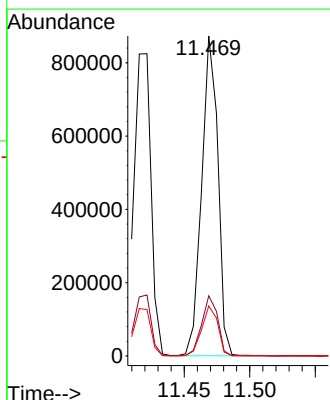
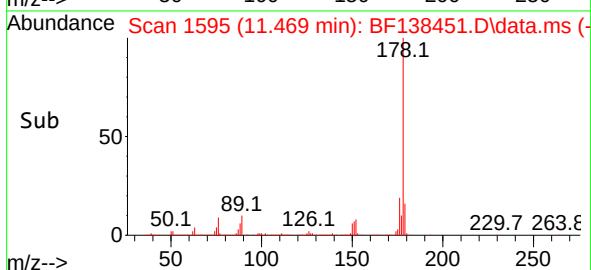
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

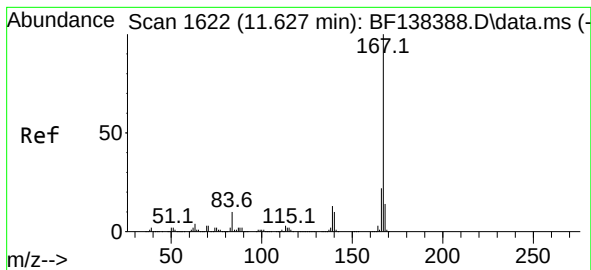


#72
Anthracene
Concen: 54.984 ng
RT: 11.469 min Scan# 1595
Delta R.T. -0.005 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40



Tgt Ion:178 Resp: 754649
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.6 12.7 19.1





#73

Carbazole

Concen: 56.886 ng

RT: 11.628 min Scan# 1622

Delta R.T. 0.000 min

Lab File: BF138451.D

Acq: 03 Jul 2024 17:40

Instrument :

BNA_F

ClientSampleId :

VNJ-238MSD

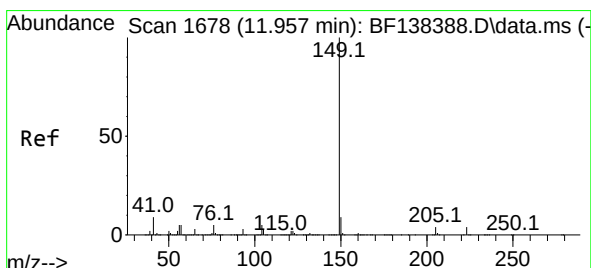
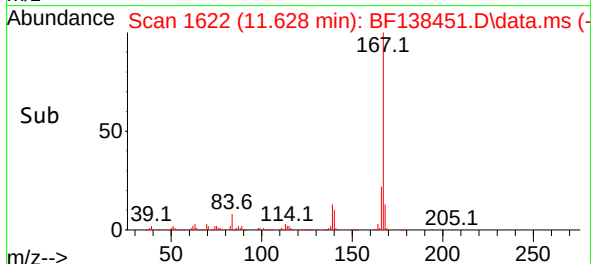
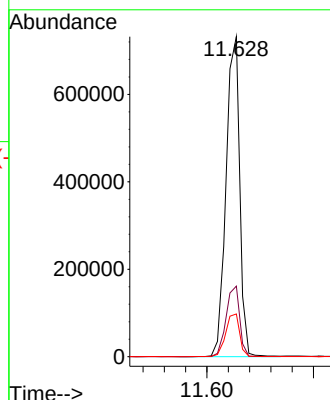
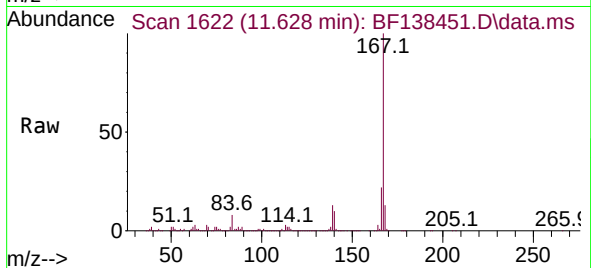
Tgt Ion:167	Resp: 64819
Ion Ratio	Lower Upper
167 100	
166 22.0	17.7 26.5
139 13.3	10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#74

Di-n-butylphthalate

Concen: 56.324 ng

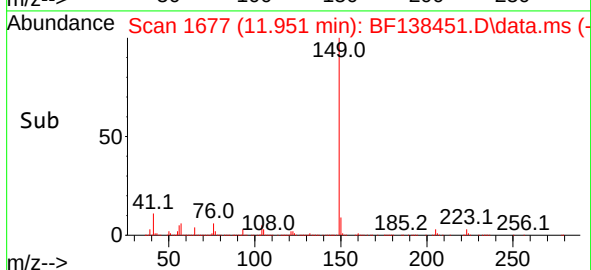
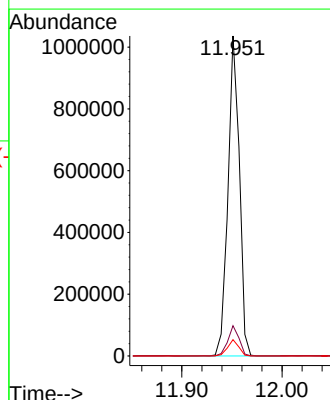
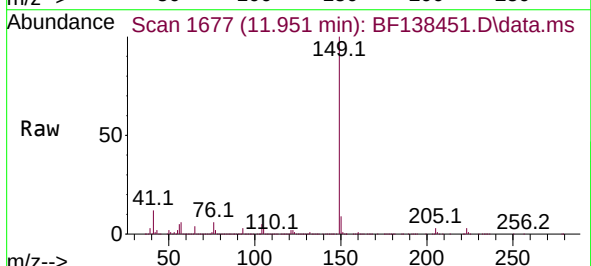
RT: 11.951 min Scan# 1677

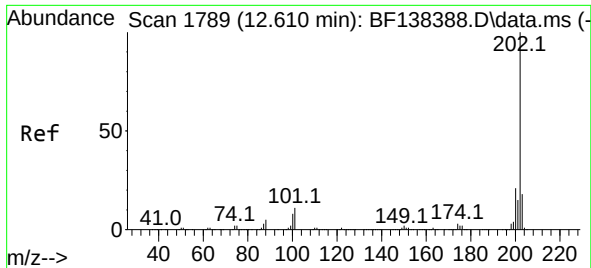
Delta R.T. -0.006 min

Lab File: BF138451.D

Acq: 03 Jul 2024 17:40

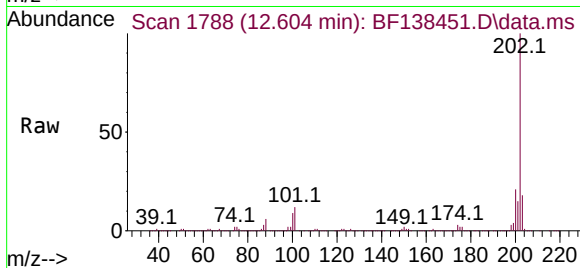
Tgt Ion:149	Resp: 813336
Ion Ratio	Lower Upper
149 100	
150 9.5	7.4 11.2
104 5.1	3.8 5.8





#75
Fluoranthene
Concen: 67.240 ng
RT: 12.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

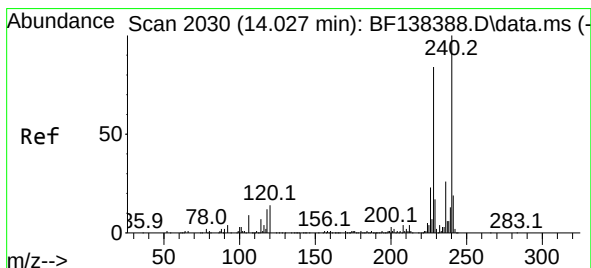
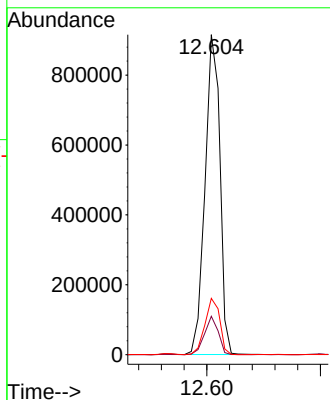
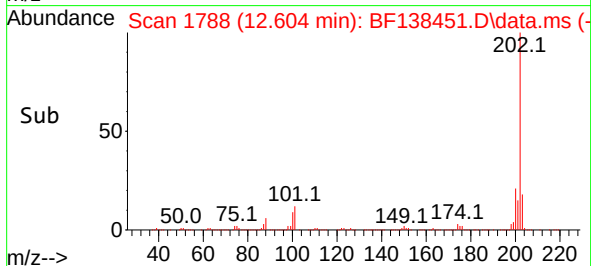
Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD



Tgt Ion:202 Resp: 829624
Ion Ratio Lower Upper
202 100
101 12.0 0.0 30.5
203 17.6 0.0 37.6

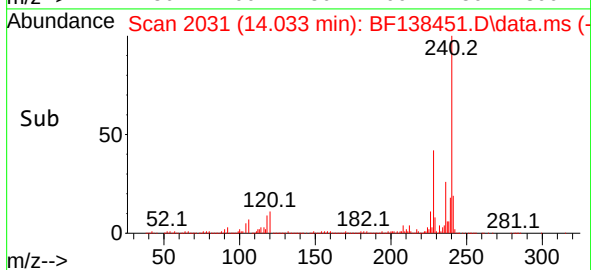
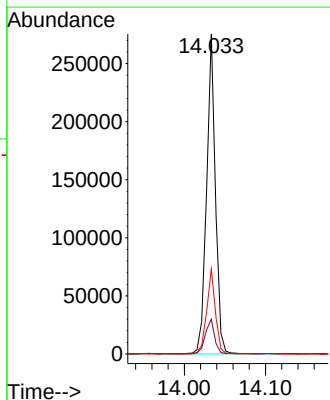
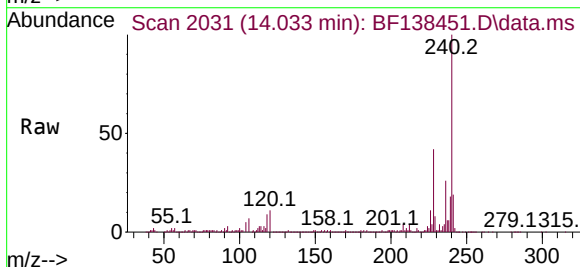
Manual Integrations
APPROVED

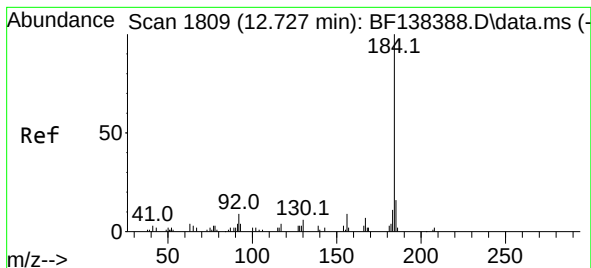
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

Tgt Ion:240 Resp: 207954
Ion Ratio Lower Upper
240 100
120 10.8 10.9 16.3#
236 26.5 20.6 30.8





#77

Benzidine

Concen: 70.042 ng

RT: 12.727 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF138451.D

Acq: 03 Jul 2024 17:40

Instrument :

BNA_F

ClientSampleId :

VNJ-238MSD

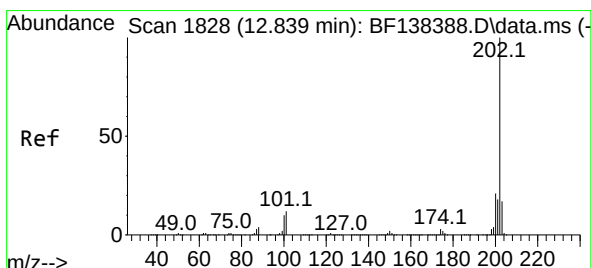
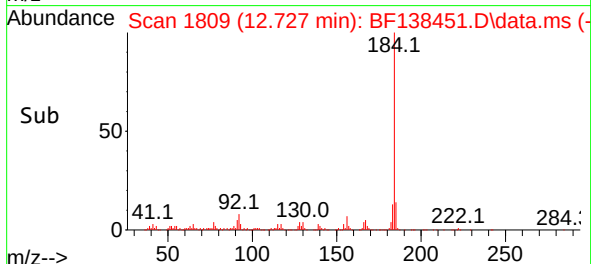
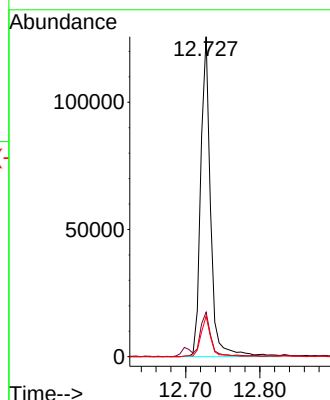
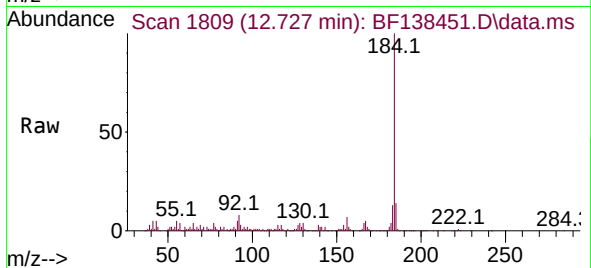
Tgt Ion:	184	Resp:	11647
Ion Ratio	Lower	Upper	
184	100		
185	13.9	13.0	19.4
183	12.7	9.0	13.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#78

Pyrene

Concen: 38.203 ng

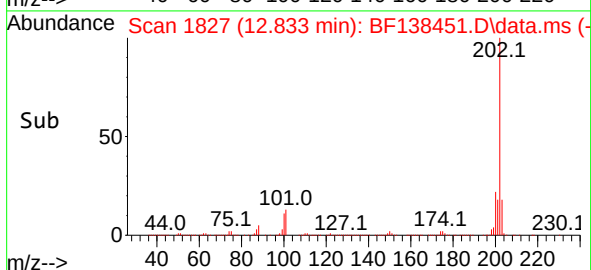
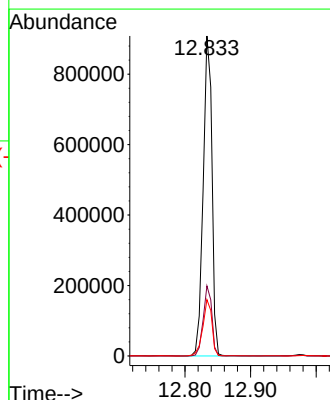
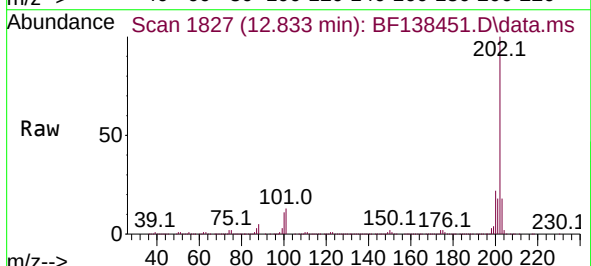
RT: 12.833 min Scan# 1827

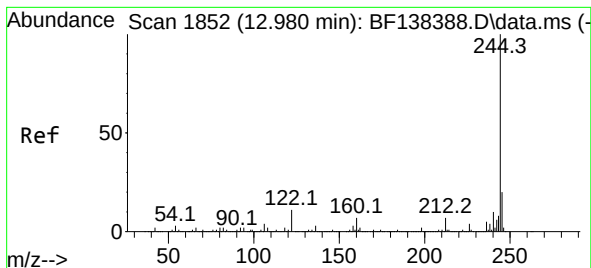
Delta R.T. -0.006 min

Lab File: BF138451.D

Acq: 03 Jul 2024 17:40

Tgt Ion:	202	Resp:	849097
Ion Ratio	Lower	Upper	
202	100		
200	21.9	16.9	25.3
203	17.6	13.8	20.8





#79

Terphenyl-d14

Concen: 63.399 ng

RT: 12.975 min Scan# 1851

Delta R.T. -0.005 min

Lab File: BF138451.D

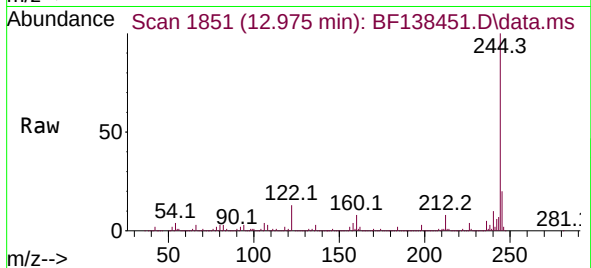
Acq: 03 Jul 2024 17:40

Instrument :

BNA_F

ClientSampleId :

VNJ-238MSD



Tgt Ion:244 Resp: 96205

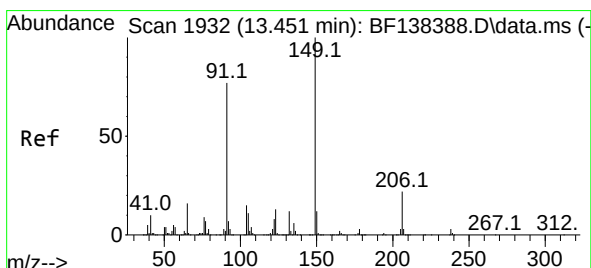
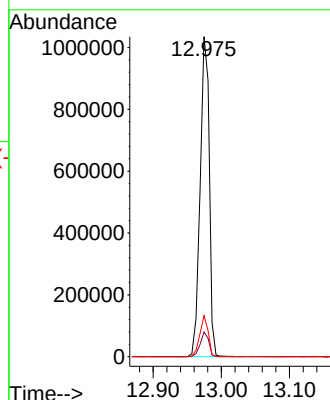
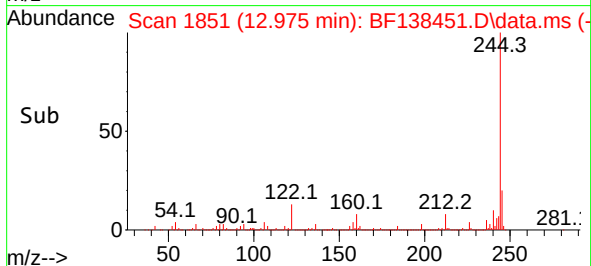
Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.6	8.4
122	12.8	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#80

Butylbenzylphthalate

Concen: 51.883 ng

RT: 13.451 min Scan# 1932

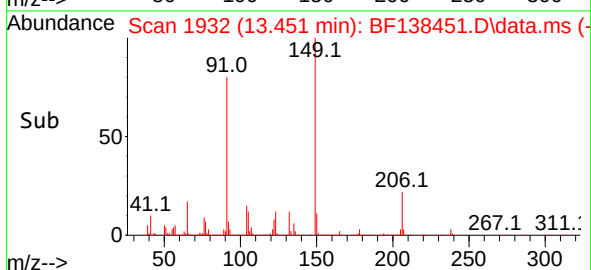
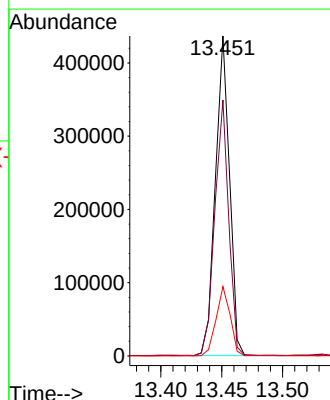
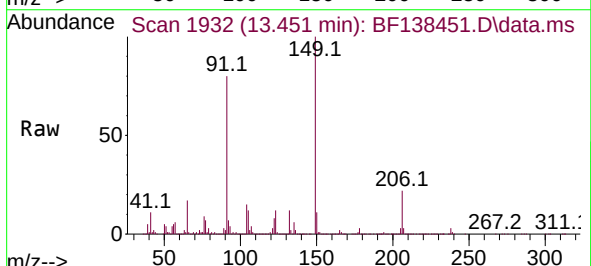
Delta R.T. 0.000 min

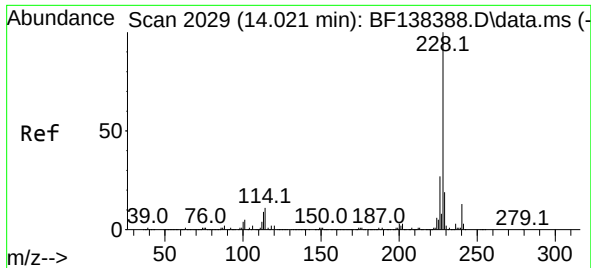
Lab File: BF138451.D

Acq: 03 Jul 2024 17:40

Tgt Ion:149 Resp: 350896

Ion	Ratio	Lower	Upper
149	100		
91	80.0	62.0	93.0
206	21.7	17.6	26.4





#81
Benzo(a)anthracene
Concen: 56.858 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

Instrument :

BNA_F

ClientSampleId :

VNJ-238MSD

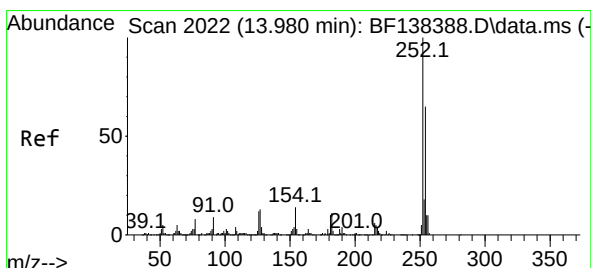
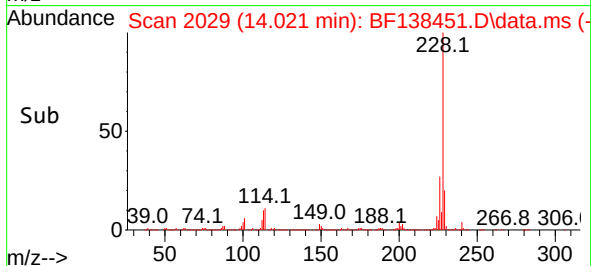
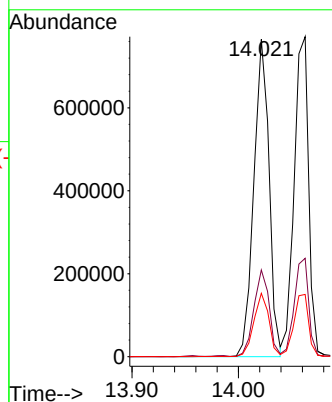
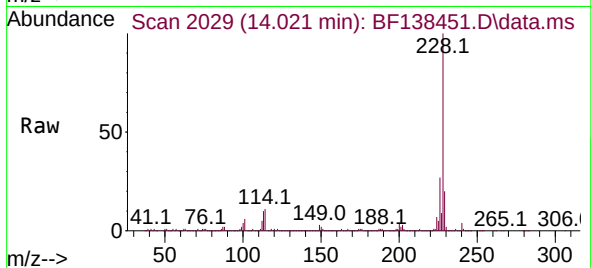
Tgt Ion:228 Resp: 76104
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 20.0 15.5 23.3

Manual Integrations

APPROVED

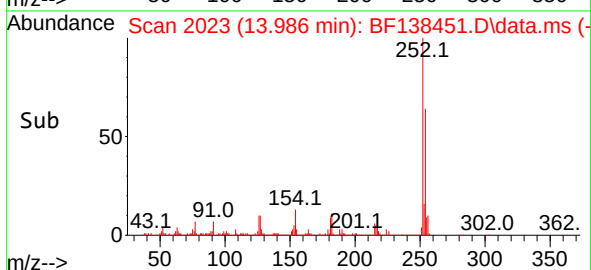
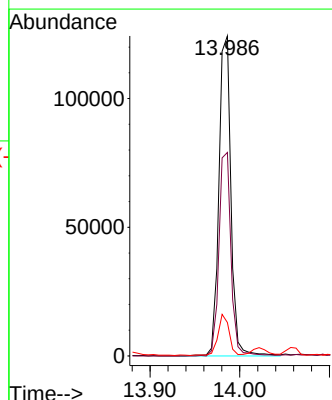
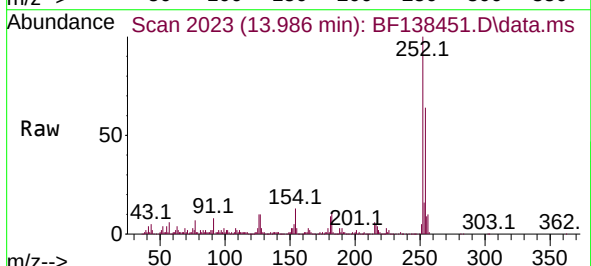
Reviewed By :Yogesh Patel 07/05/2024

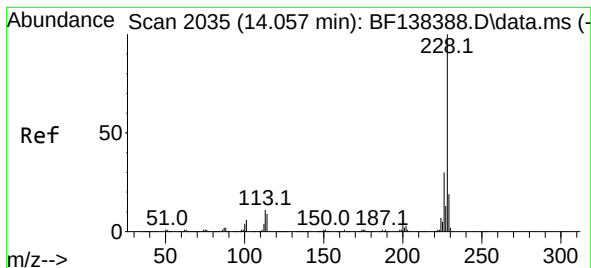
Supervised By :mohammad ahmed 07/05/2024



#82
3,3'-Dichlorobenzidine
Concen: 29.316 ng
RT: 13.986 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

Tgt Ion:252 Resp: 115851
Ion Ratio Lower Upper
252 100
254 63.6 51.8 77.6
126 10.5 9.5 14.3





#83

Chrysene

Concen: 56.124 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF138451.D

Acq: 03 Jul 2024 17:40

Instrument :

BNA_F

ClientSampleId :

VNJ-238MSD

Tgt Ion:228 Resp: 730989

Ion Ratio Lower Upper

228 100

226 30.8 23.8 35.6

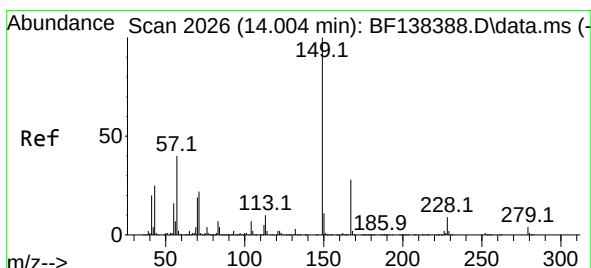
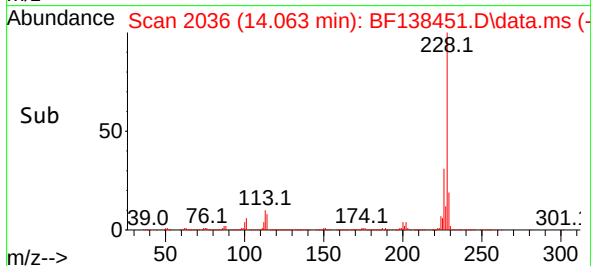
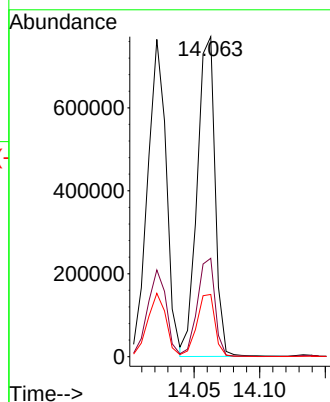
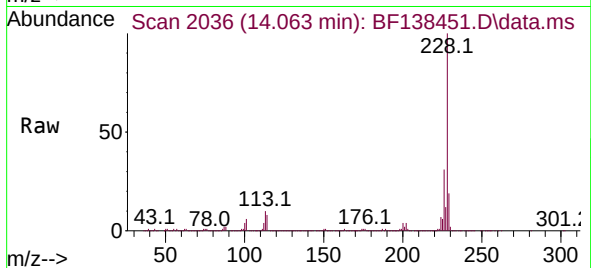
229 19.4 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.681 ng

RT: 14.010 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF138451.D

Acq: 03 Jul 2024 17:40

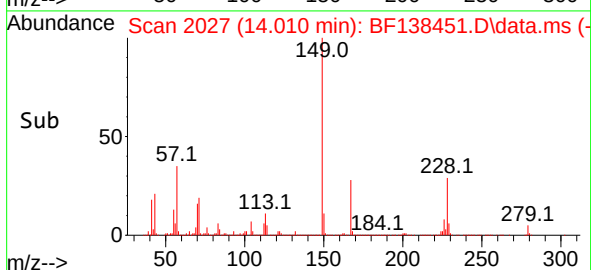
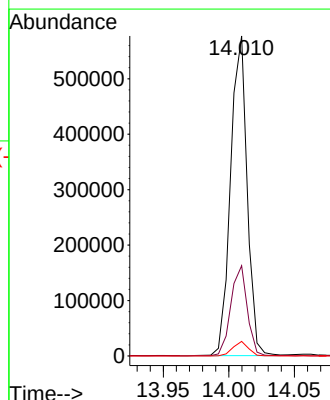
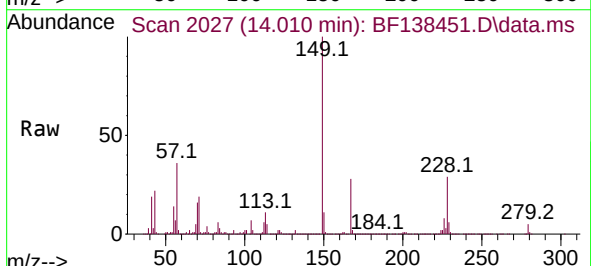
Tgt Ion:149 Resp: 506191

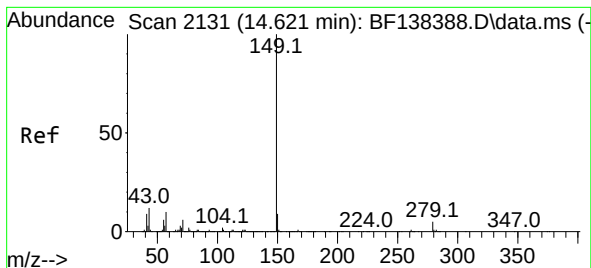
Ion Ratio Lower Upper

149 100

167 28.2 22.6 33.8

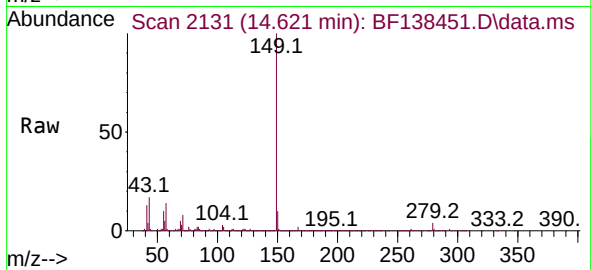
279 4.5 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 67.457 ng
RT: 14.621 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

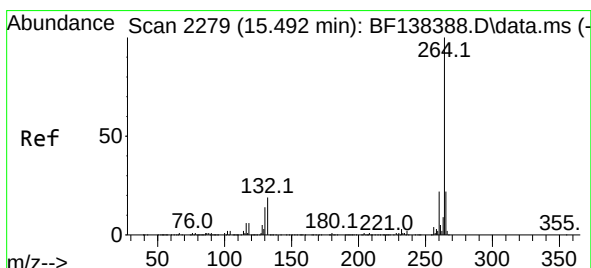
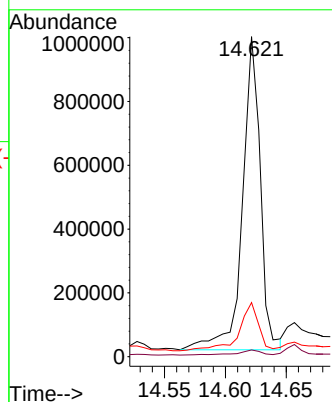
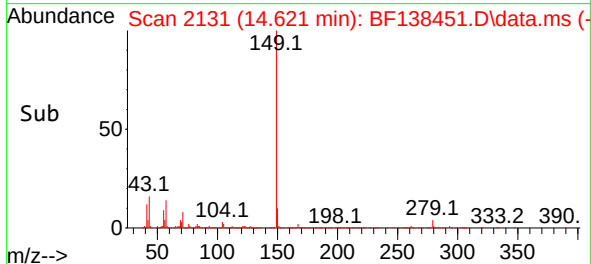
Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD



Tgt Ion:149 Resp: 1001464
Ion Ratio Lower Upper
149 100
167 2.3 1.3 1.9
43 18.5 10.9 16.3

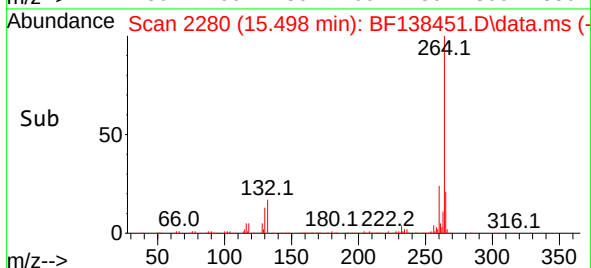
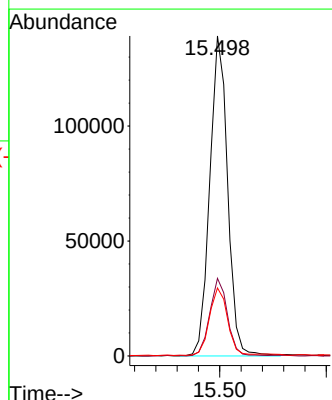
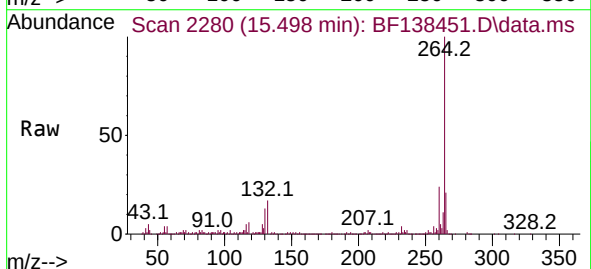
Manual Integrations
APPROVED

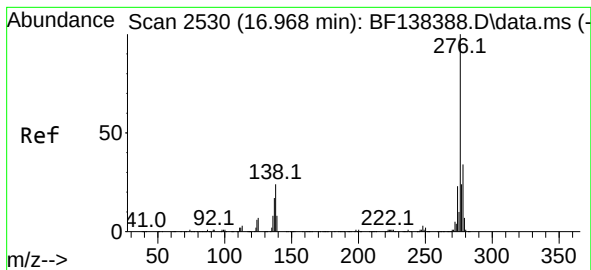
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

Tgt Ion:264 Resp: 162347
Ion Ratio Lower Upper
264 100
260 24.3 17.8 26.6
265 21.3 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 59.637 ng

RT: 16.968 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138451.D

Acq: 03 Jul 2024 17:40

Instrument :

BNA_F

ClientSampleId :

VNJ-238MSD

Tgt Ion:276 Resp: 48647

Ion Ratio Lower Upper

276 100

138 24.6 22.1 33.1

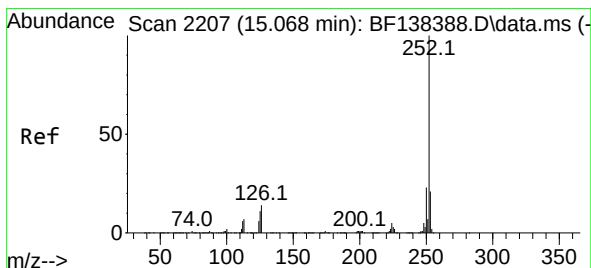
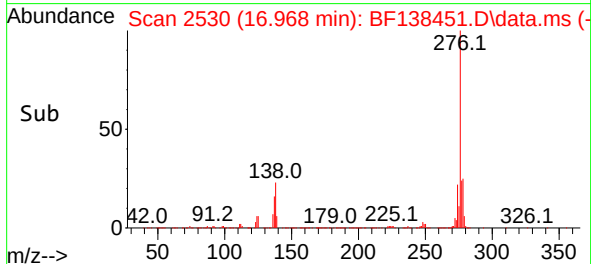
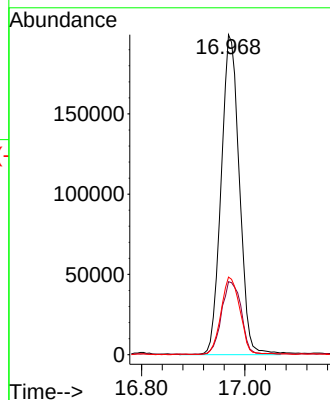
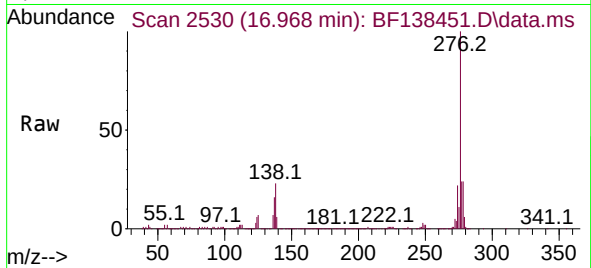
277 25.2 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#88

Benzo(b)fluoranthene

Concen: 65.368 ng

RT: 15.074 min Scan# 2208

Delta R.T. 0.006 min

Lab File: BF138451.D

Acq: 03 Jul 2024 17:40

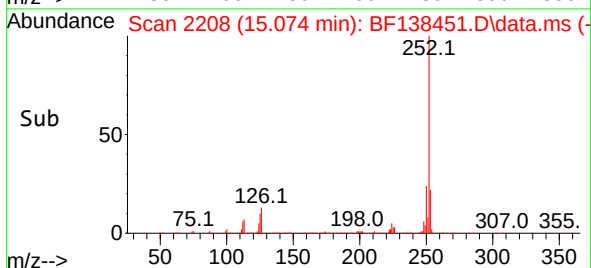
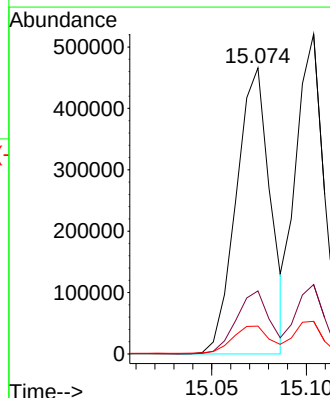
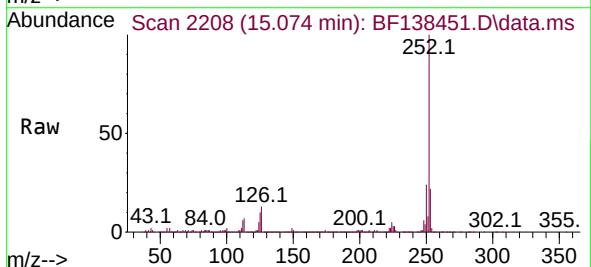
Tgt Ion:252 Resp: 582261

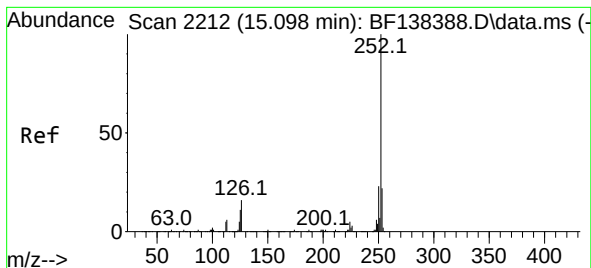
Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.4

125 9.7 8.6 12.8





#89

Benzo(k)fluoranthene

Concen: 64.815 ng

RT: 15.104 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138451.D

Acq: 03 Jul 2024 17:40

Instrument :

BNA_F

ClientSampleId :

VNJ-238MSD

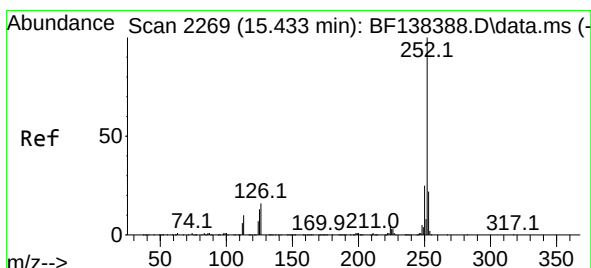
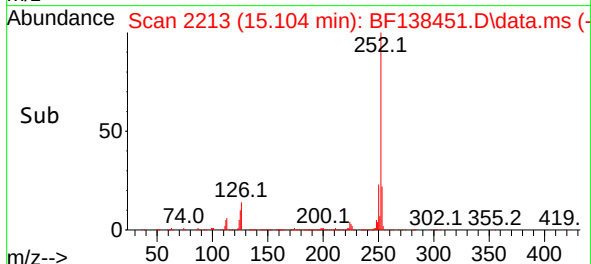
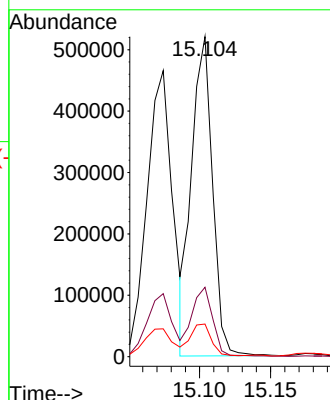
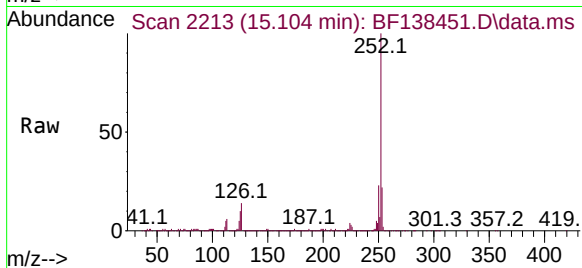
Tgt Ion:252 Resp: 531764
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.4 26.2
 125 10.2 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#90

Benzo(a)pyrene

Concen: 59.880 ng

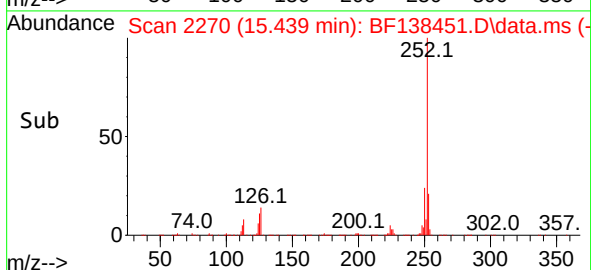
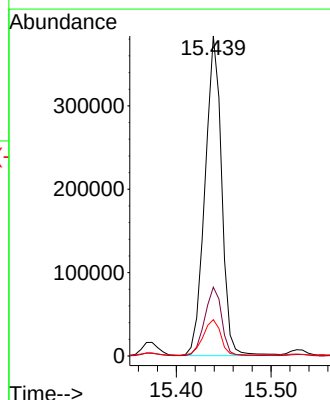
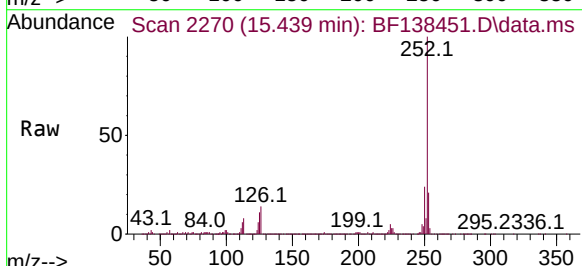
RT: 15.439 min Scan# 2270

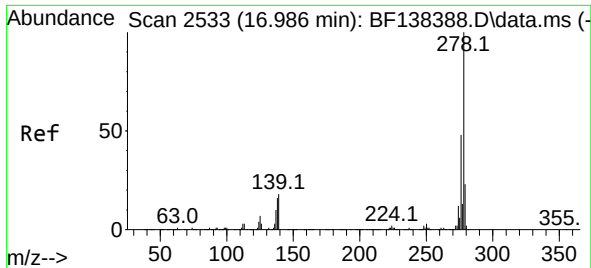
Delta R.T. 0.006 min

Lab File: BF138451.D

Acq: 03 Jul 2024 17:40

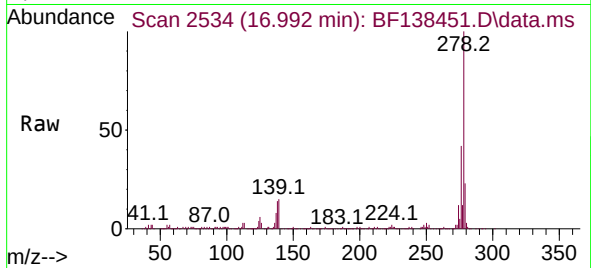
Tgt Ion:252 Resp: 467503
 Ion Ratio Lower Upper
 252 100
 253 21.5 17.6 26.4
 125 11.4 10.2 15.2





#91
Dibenzo(a,h)anthracene
Concen: 58.358 ng
RT: 16.992 min Scan# 2534
Delta R.T. 0.006 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

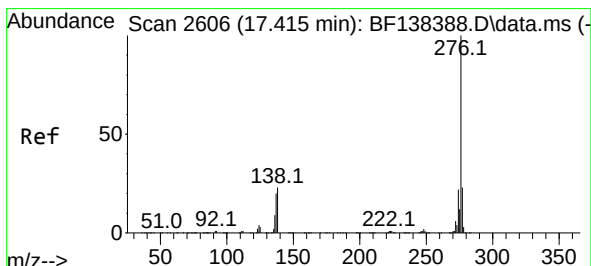
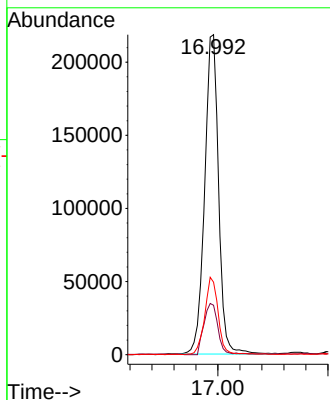
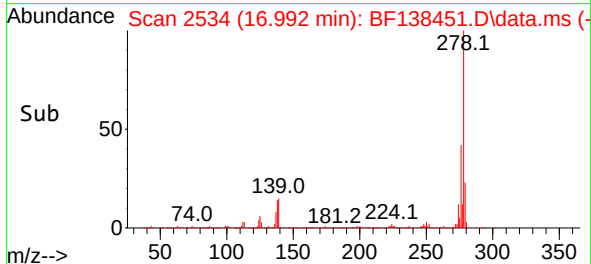
Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD



Tgt Ion:278 Resp: 384258
Ion Ratio Lower Upper
278 100
139 15.5 14.3 21.5
279 22.6 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: 58.056 ng
RT: 17.415 min Scan# 2606
Delta R.T. 0.000 min
Lab File: BF138451.D
Acq: 03 Jul 2024 17:40

Tgt Ion:276 Resp: 373959
Ion Ratio Lower Upper
276 100
277 24.2 18.3 27.5
138 21.7 18.3 27.5

