

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
 Data File : BF138408.D
 Acq On : 01 Jul 2024 17:35
 Operator : CG\JU
 Sample : P3115-12MSD 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-325MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/03/2024

Quant Time: Jul 01 18:19:04 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	171983	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	640603	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	261372	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	299736	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	288909	20.000	ng	0.00
86) Perylene-d12	15.498	264	289056	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	127157	12.258	ng	0.00
7) Phenol-d6	6.504	99	173892	12.444	ng	-0.01
23) Nitrobenzene-d5	7.428	82	100764	8.171	ng	-0.02
42) 2,4,6-Tribromophenol	10.698	330	20284	9.499	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	175267	10.672	ng	0.00
79) Terphenyl-d14	12.980	244	107054	5.078	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.651	88	22264	4.557	ng	98
3) Pyridine	3.416	79	55558	4.766	ng	97
4) n-Nitrosodimethylamine	3.345	42	38202	5.253	ng	96
6) Aniline	6.534	93	27538	2.019	ng	98
8) 2-Chlorophenol	6.657	128	66759	5.995	ng	94
10) Phenol	6.516	94	85875	5.768	ng	90
11) bis(2-Chloroethyl)ether	6.604	93	67048	5.734	ng	96
12) 1,3-Dichlorobenzene	6.810	146	70253	5.509	ng	98
13) 1,4-Dichlorobenzene	6.892	146	70366	5.503	ng	98
14) 1,2-Dichlorobenzene	7.039	146	67666	5.732	ng	97
15) Benzyl Alcohol	7.010	79	55871	5.582	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	139131	5.899	ng	99
17) 2-Methylphenol	7.128	107	52007	5.635	ng	95
18) Hexachloroethane	7.386	117	24515	5.315	ng	95
19) n-Nitroso-di-n-propyla...	7.275	70	53155	6.034	ng	94
20) 3+4-Methylphenols	7.281	107	68144	6.355	ng	# 90
22) Acetophenone	7.275	105	87137	5.996	ng	# 92
24) Nitrobenzene	7.451	77	68068	5.427	ng	98
25) Isophorone	7.686	82	132617	5.832	ng	99
26) 2-Nitrophenol	7.769	139	28683	5.302	ng	95
27) 2,4-Dimethylphenol	7.804	122	44378	6.409	ng	95
28) bis(2-Chloroethoxy)met...	7.898	93	81260	5.937	ng	99
29) 2,4-Dichlorophenol	8.016	162	49470	5.563	ng	96
30) 1,2,4-Trichlorobenzene	8.092	180	56481	5.462	ng	100
31) Naphthalene	8.175	128	215128	6.643	ng	98
32) Benzoic acid	7.869	122	20631	7.081	ng	96
33) 4-Chloroaniline	8.222	127	23857	2.109	ng	96
34) Hexachlorobutadiene	8.292	225	32064	5.165	ng	97
35) Caprolactam	8.557	113	17125m	6.098	ng	
36) 4-Chloro-3-methylphenol	8.704	107	54121	5.713	ng	97
37) 2-Methylnaphthalene	8.863	142	132787	6.344	ng	98
38) 1-Methylnaphthalene	8.963	142	117133	5.771	ng	97
40) 1,2,4,5-Tetrachloroben...	9.027	216	46226	6.394	ng	97
41) Hexachlorocyclopentadiene	9.016	237	25684	12.069	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	29745	6.466	ng	97
44) 2,4,5-Trichlorophenol	9.186	196	29988	5.994	ng	# 65

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
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 Supervised By :mohammad ahmed 07/03/2024

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

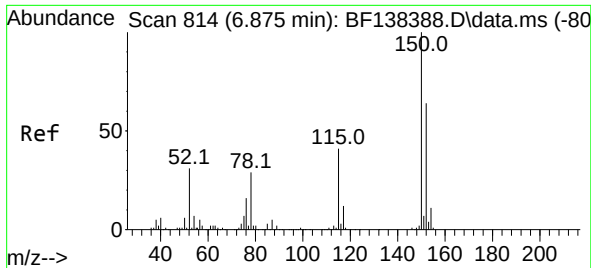
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Response via : Initial Calibration

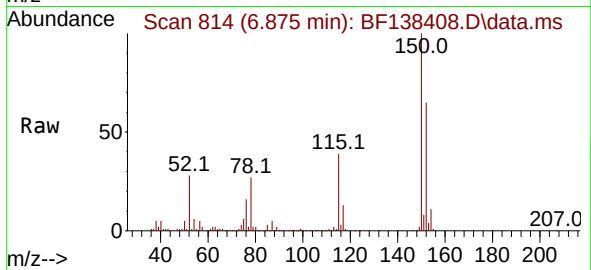
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.327	154	147305	7.548	ng	97
47) 2-Chloronaphthalene	9.351	162	93490	6.283	ng	97
48) 2-Nitroaniline	9.445	65	38738	8.071	ng	87
49) Acenaphthylene	9.769	152	170976	8.170	ng	# 93
50) Dimethylphthalate	9.622	163	118245	7.039	ng	# 95
51) 2,6-Dinitrotoluene	9.686	165	33223	8.831	ng	90
52) Acenaphthene	9.945	154	105721	7.378	ng	96
53) 3-Nitroaniline	9.857	138	17804	4.792	ng	# 75
54) 2,4-Dinitrophenol	9.963	184	5703	12.114	ng	# 56
55) Dibenzofuran	10.116	168	141711	7.178	ng	98
56) 4-Nitrophenol	10.027	139	20042	8.319	ng	# 1
57) 2,4-Dinitrotoluene	10.092	165	22966	4.958	ng	# 74
58) Fluorene	10.457	166	93223	5.943	ng	# 95
59) 2,3,4,6-Tetrachlorophenol	10.233	232	16838	4.531	ng	# 72
60) Diethylphthalate	10.327	149	99144	6.313	ng	# 87
61) 4-Chlorophenyl-phenyle...	10.451	204	42598	5.352	ng	# 82
62) 4-Nitroaniline	10.463	138	14672	4.302	ng	# 72
63) Azobenzene	10.610	77	86236	5.199	ng	90
65) 4,6-Dinitro-2-methylph...	10.498	198	5167	8.630	ng	# 1
66) n-Nitrosodiphenylamine	10.569	169	69449	7.463	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	19424	6.029	ng	# 80
68) Hexachlorobenzene	11.010	284	18226	5.133	ng	# 67
69) Atrazine	11.092	200	20001	7.666	ng	# 63
70) Pentachlorophenol	11.204	266	13442	7.458	ng	94
71) Phenanthrene	11.427	178	357281	24.414	ng	# 97
72) Anthracene	11.474	178	149598m	10.250	ng	
73) Carbazole	11.627	167	104316	8.609	ng	# 80
74) Di-n-butylphthalate	11.957	149	109336	7.120	ng	# 85
75) Fluoranthene	12.615	202	564854	43.053	ng	97
78) Pyrene	12.845	202	727443	23.558	ng	98
80) Butylbenzylphthalate	13.451	149	42677	4.542	ng	88
81) Benzo(a)anthracene	14.021	228	525835	28.277	ng	96
82) 3,3'-Dichlorobenzidine	13.986	252	18047	3.287	ng	# 90
83) Chrysene	14.057	228	585684	32.368	ng	97
84) Bis(2-ethylhexyl)phtha...	14.009	149	84006	7.129	ng	97
85) Di-n-octyl phthalate	14.621	149	137564	6.670	ng	# 99
87) Indeno(1,2,3-cd)pyrene	16.956	276	182916	12.594	ng	98
88) Benzo(b)fluoranthene	15.074	252	709440	44.733	ng	# 96
89) Benzo(k)fluoranthene	15.098	252	330776m	22.644	ng	
90) Benzo(a)pyrene	15.433	252	346317	24.913	ng	# 95
91) Dibenzo(a,h)anthracene	16.974	278	88547	7.553	ng	# 95
92) Benzo(g,h,i)perylene	17.403	276	140052	12.212	ng	99

(#) = 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: BF138408.D
Acq: 01 Jul 2024 17:35

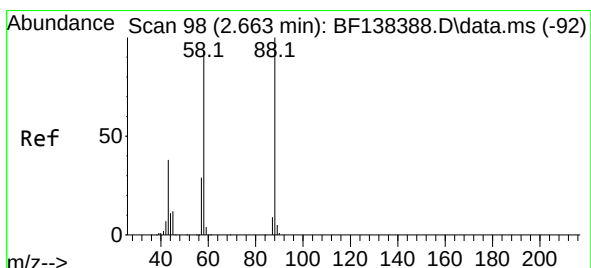
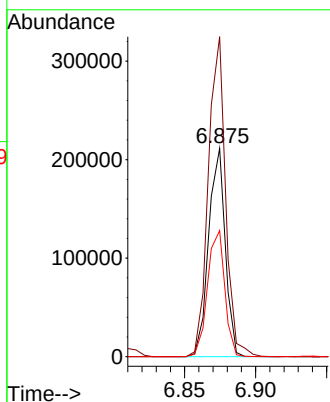
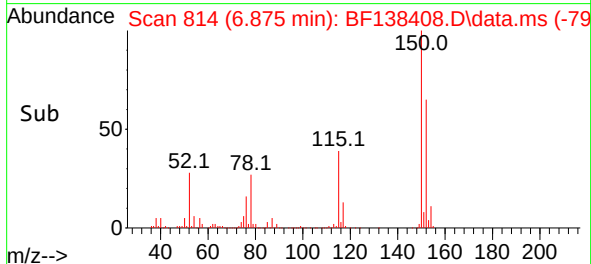
Instrument :
BNA_F
ClientSampleId :
VNJ-325MSD



Tgt Ion:152 Resp: 17198
Ion Ratio Lower Upper
152 100
150 153.6 124.9 187.3
115 60.5 50.8 76.2

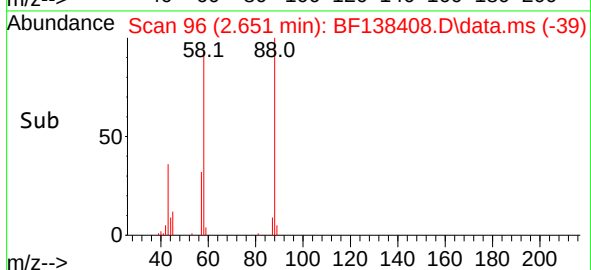
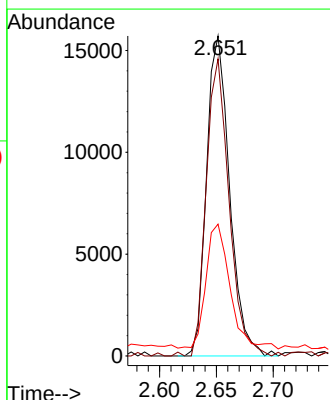
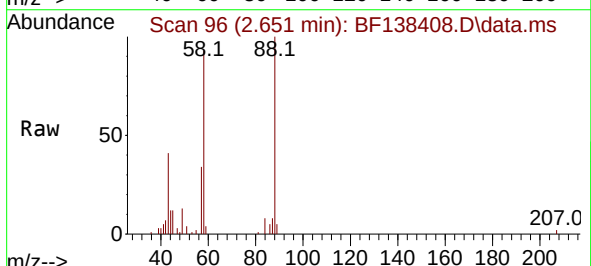
Manual Integrations
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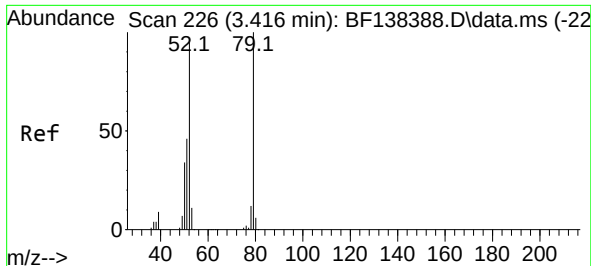
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#2
1,4-Dioxane
Concen: 4.557 ng
RT: 2.651 min Scan# 96
Delta R.T. -0.012 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion: 88 Resp: 22264
Ion Ratio Lower Upper
88 100
58 91.9 73.7 110.5
43 40.5 30.1 45.1





#3

Pyridine

Concen: 4.766 ng

RT: 3.416 min Scan# 214

Delta R.T. -0.000 min

Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

Instrument :

BNA_F

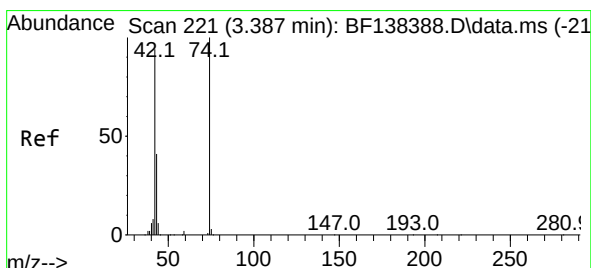
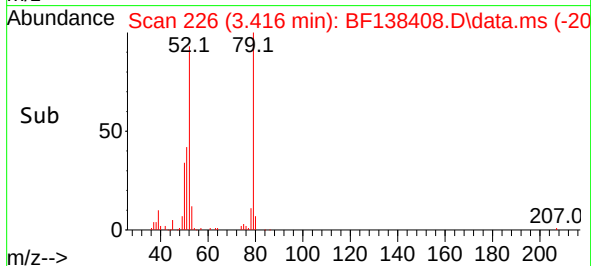
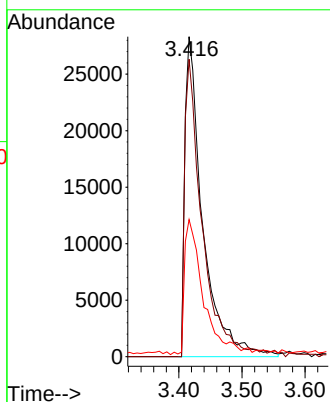
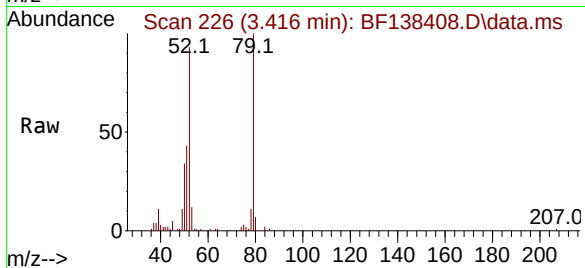
ClientSampleId :

VNJ-325MSD

Tgt Ion: 79	Resp: 5558
Ion Ratio	Lower Upper
79	100
52	92.9 76.2 114.2
51	42.8 36.7 55.1

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Supervised By :mohammad ahmed 07/03/2024



#4

n-Nitrosodimethylamine

Concen: 5.253 ng

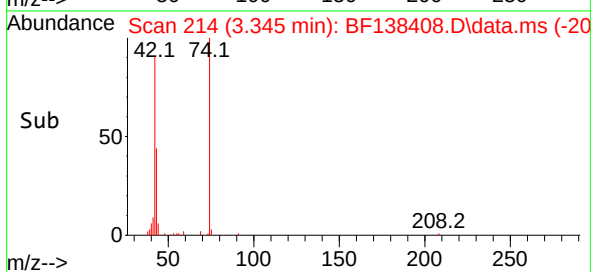
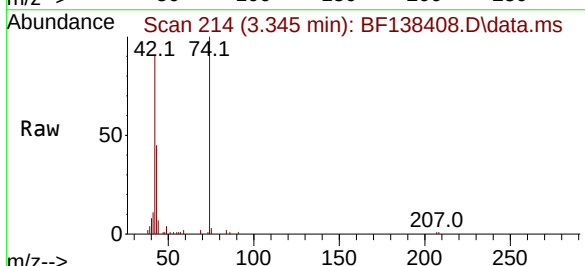
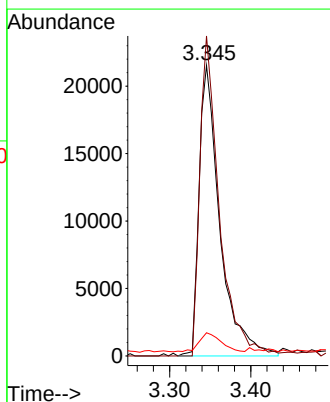
RT: 3.345 min Scan# 214

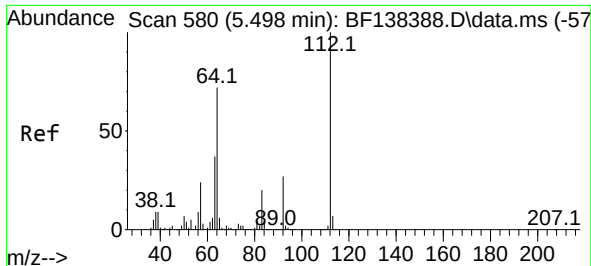
Delta R.T. -0.041 min

Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

Tgt Ion: 42	Resp: 38202
Ion Ratio	Lower Upper
42	100
74	110.1 85.1 127.7
44	8.0 5.5 8.3





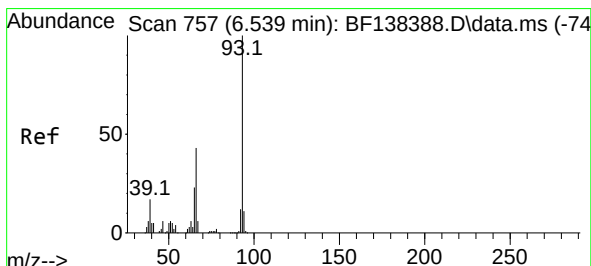
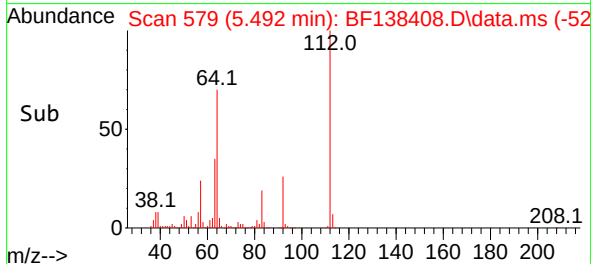
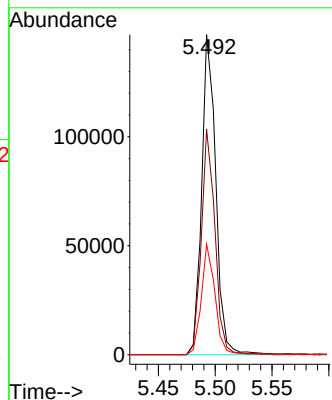
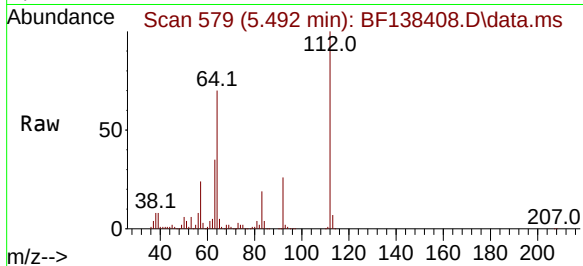
#5
2-Fluorophenol
Concen: 12.258 ng
RT: 5.492 min Scan# 512
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Instrument :
BNA_F
ClientSampleId :
VNJ-325MSD

Tgt Ion: 112 Resp: 12715
Ion Ratio Lower Upper
112 100
64 70.4 57.2 85.8
63 34.5 29.4 44.0

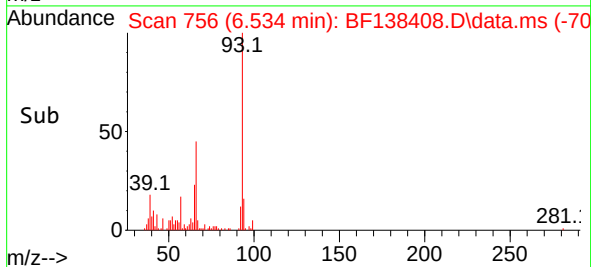
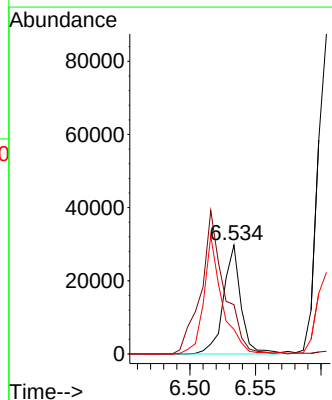
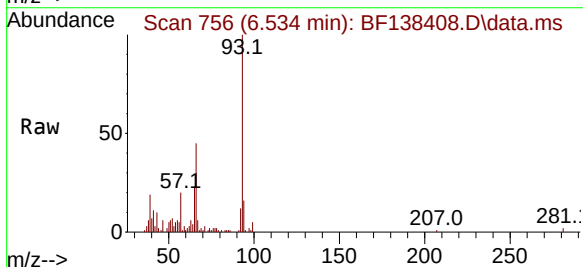
Manual Integrations
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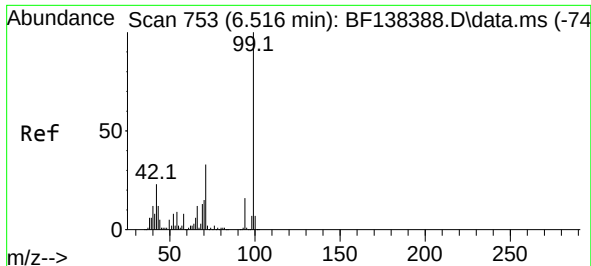
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#6
Aniline
Concen: 2.019 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

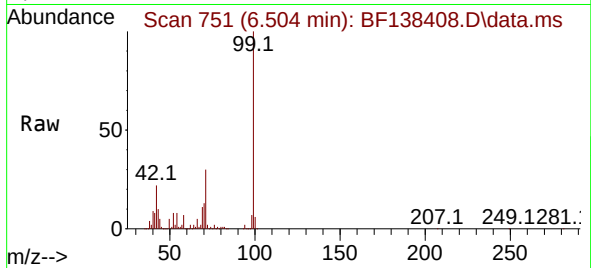
Tgt Ion: 93 Resp: 27538
Ion Ratio Lower Upper
93 100
66 45.2 34.7 52.1
65 22.6 18.5 27.7





#7
Phenol-d6
Concen: 12.444 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

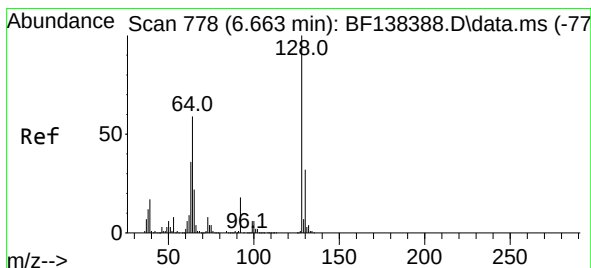
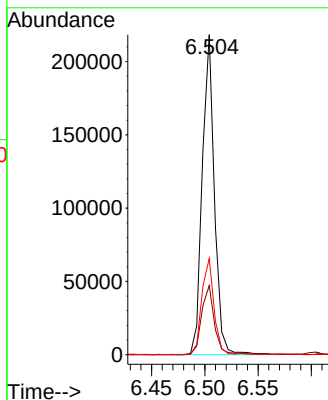
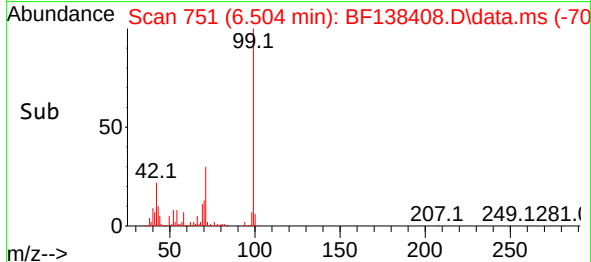
Instrument :
BNA_F
ClientSampleId :
VNJ-325MSD



Tgt Ion: 99 Resp: 173892
Ion Ratio Lower Upper
99 100
42 21.6 18.5 27.7
71 30.1 26.1 39.1

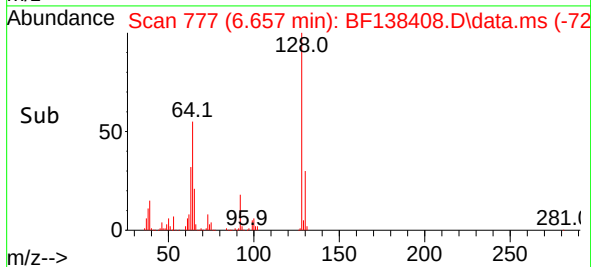
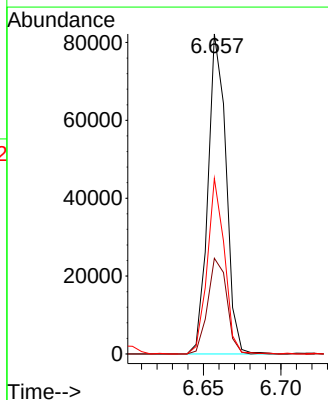
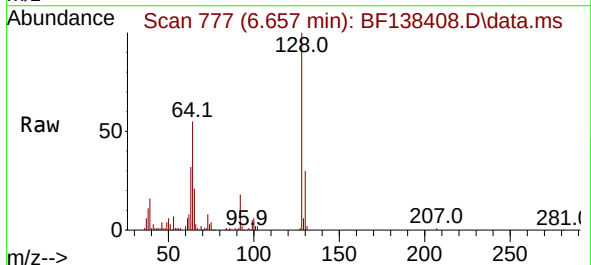
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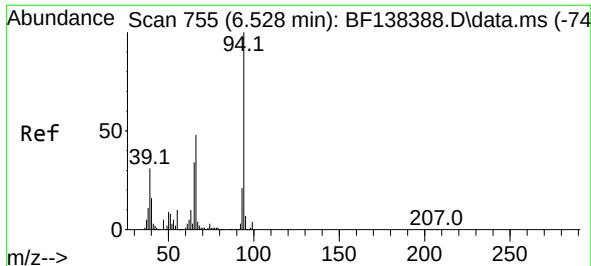
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#8
2-Chlorophenol
Concen: 5.995 ng
RT: 6.657 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

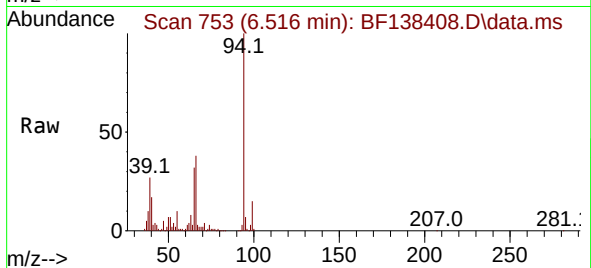
Tgt Ion:128 Resp: 66759
Ion Ratio Lower Upper
128 100
130 29.9 12.3 52.3
64 54.9 39.6 79.6





#10
Phenol
Concen: 5.768 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

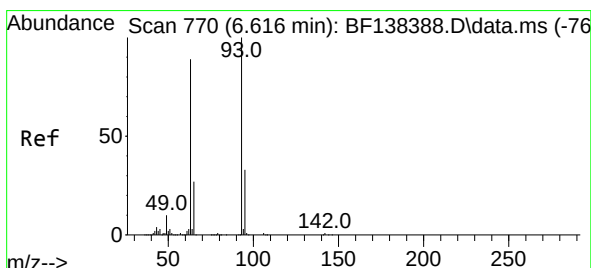
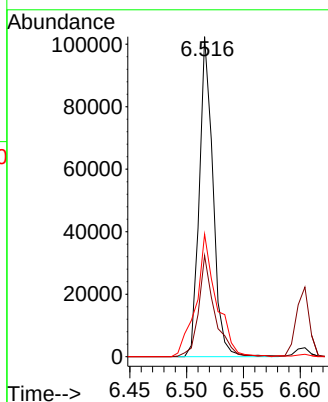
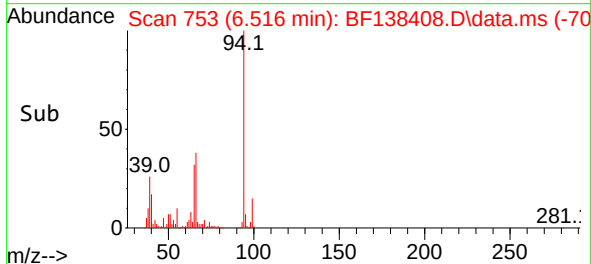
Instrument :
BNA_F
ClientSampleId :
VNJ-325MSD



Tgt Ion: 94 Resp: 85879
Ion Ratio Lower Upper
94 100
65 31.6 14.2 54.2
66 38.3 27.9 67.9

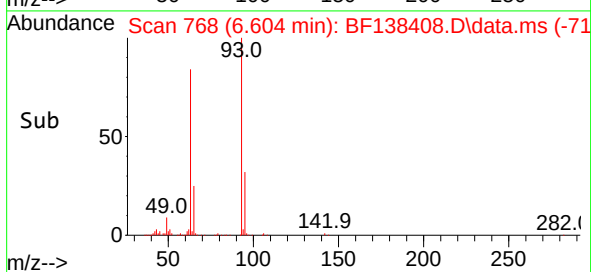
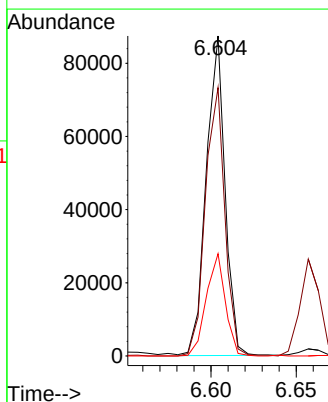
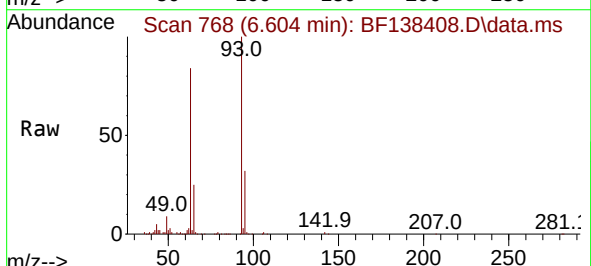
Manual Integrations
APPROVED

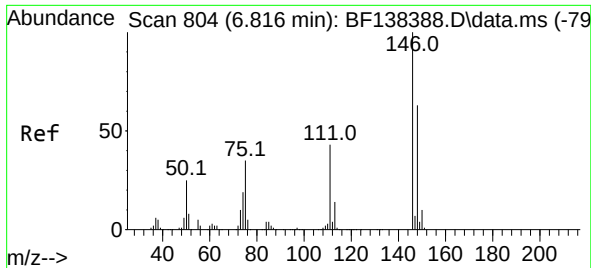
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#11
bis(2-Chloroethyl)ether
Concen: 5.734 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.012 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion: 93 Resp: 67048
Ion Ratio Lower Upper
93 100
63 83.8 68.2 108.2
95 31.9 12.4 52.4





#12
1,3-Dichlorobenzene
Concen: 5.509 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Instrument :

BNA_F

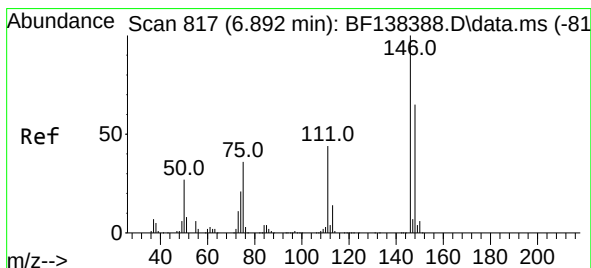
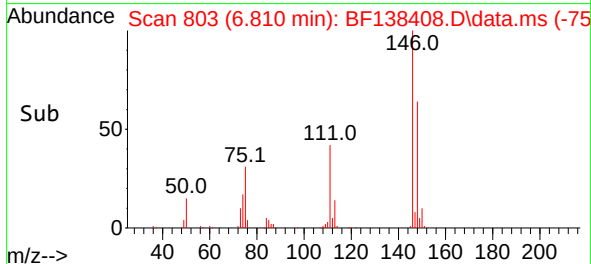
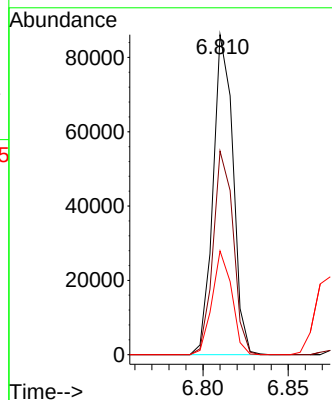
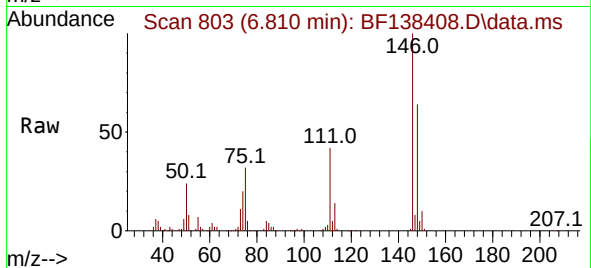
ClientSampleId :

VNJ-325MSD

Tgt Ion:146 Resp: 7025
Ion Ratio Lower Upper
146 100
148 63.6 50.3 75.5
75 32.4 27.8 41.6

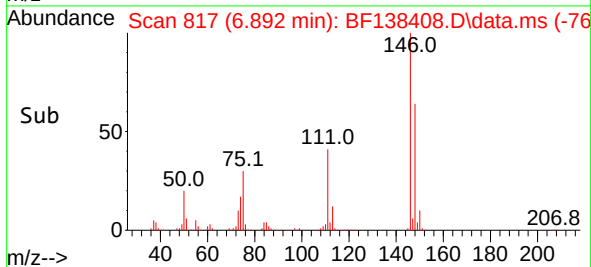
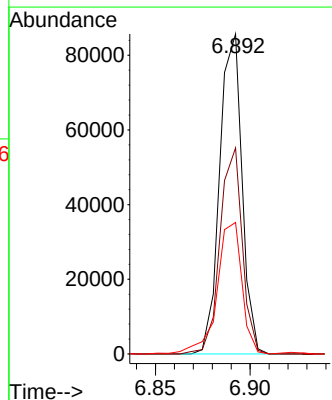
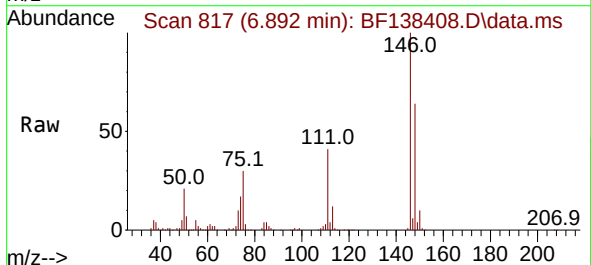
Manual Integrations
APPROVED

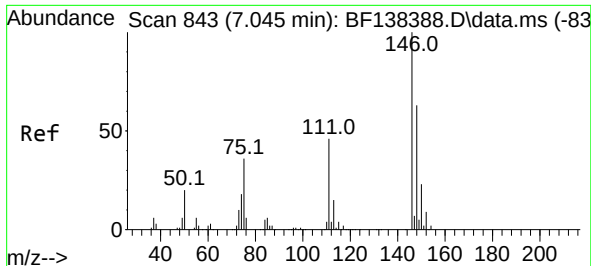
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#13
1,4-Dichlorobenzene
Concen: 5.503 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion:146 Resp: 70366
Ion Ratio Lower Upper
146 100
148 64.4 52.0 78.0
111 41.1 35.4 53.0





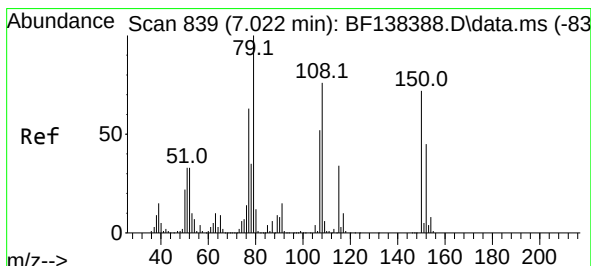
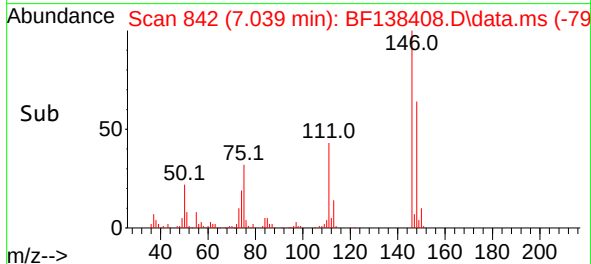
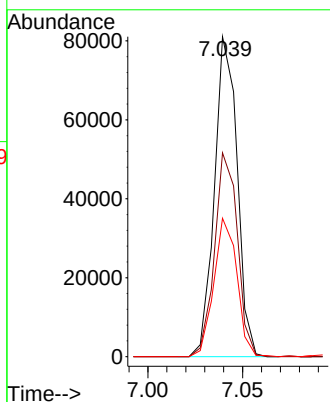
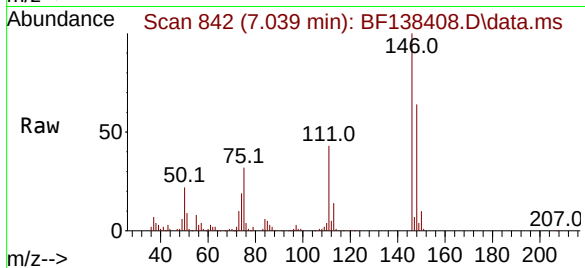
#14
1,2-Dichlorobenzene
Concen: 5.732 ng
RT: 7.039 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Instrument :
BNA_F
ClientSampleId :
VNJ-325MSD

Tgt Ion:146 Resp: 67660
Ion Ratio Lower Upper
146 100
148 63.7 50.3 75.5
111 43.3 37.1 55.7

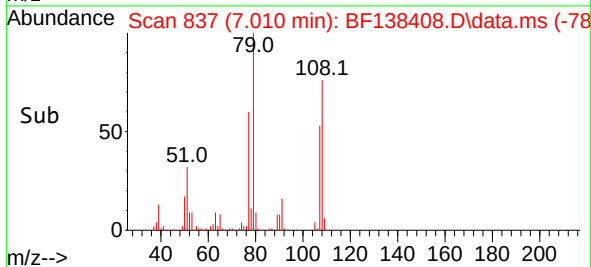
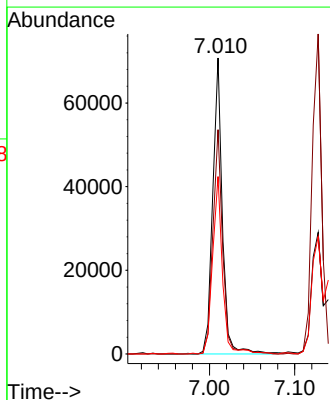
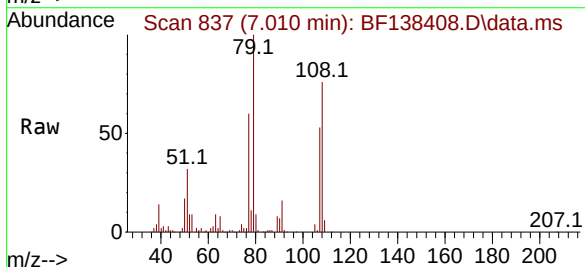
Manual Integrations
APPROVED

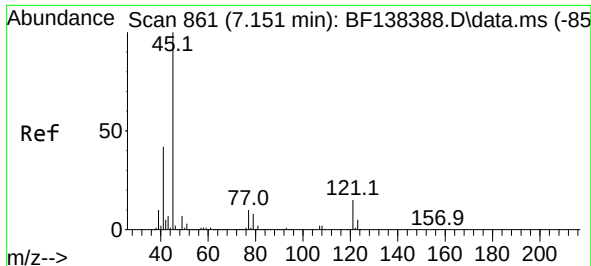
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#15
Benzyl Alcohol
Concen: 5.582 ng
RT: 7.010 min Scan# 837
Delta R.T. -0.012 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion: 79 Resp: 55871
Ion Ratio Lower Upper
79 100
108 75.8 60.9 91.3
77 59.9 50.6 75.8





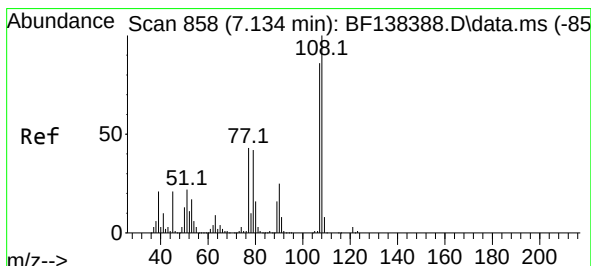
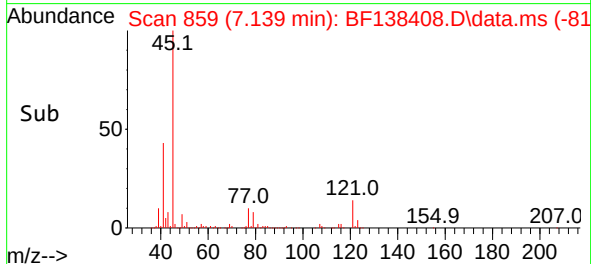
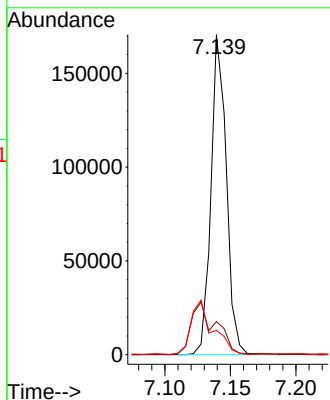
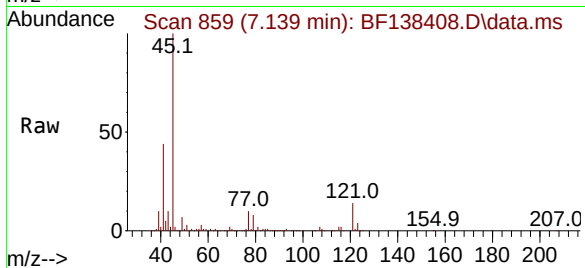
#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.899 ng
RT: 7.139 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Instrument :
BNA_F
ClientSampleId :
VNJ-325MSD

Tgt Ion: 45 Resp: 13913
Ion Ratio Lower Upper
45 100
77 10.3 0.0 30.4
79 7.6 0.0 28.1

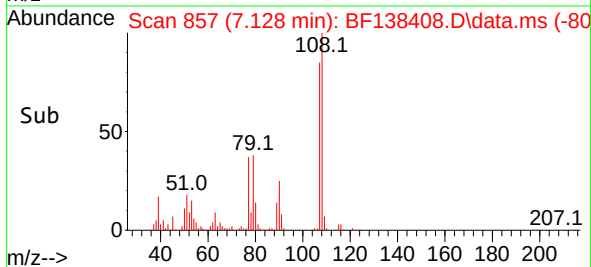
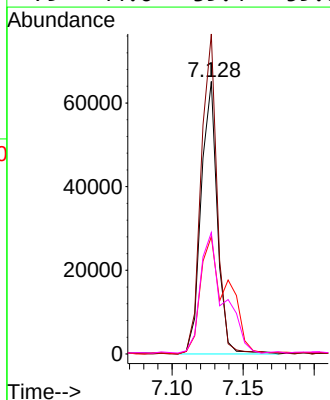
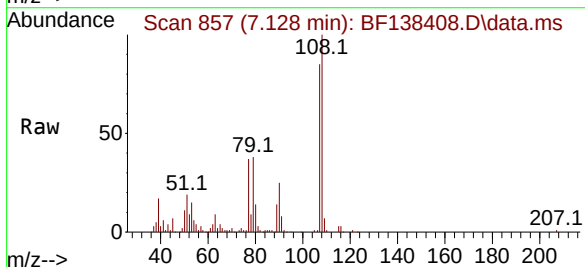
Manual Integrations
APPROVED

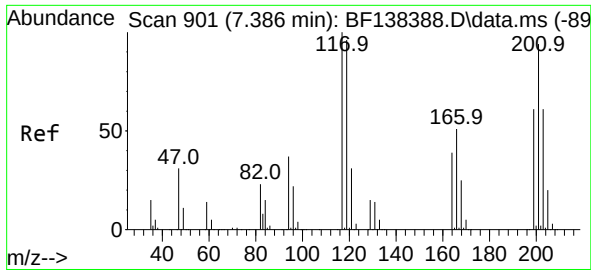
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#17
2-Methylphenol
Concen: 5.635 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion:107 Resp: 52007
Ion Ratio Lower Upper
107 100
108 117.4 92.6 138.8
77 43.0 40.3 60.5
79 44.6 39.4 59.0





#18
Hexachloroethane
Concen: 5.315 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Instrument :

BNA_F

ClientSampleId :

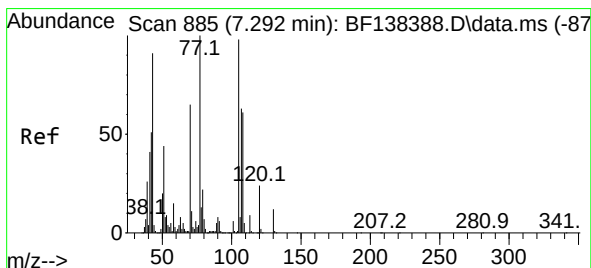
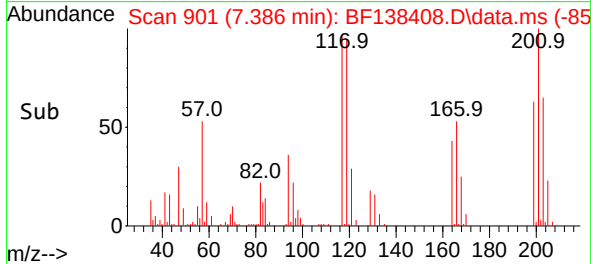
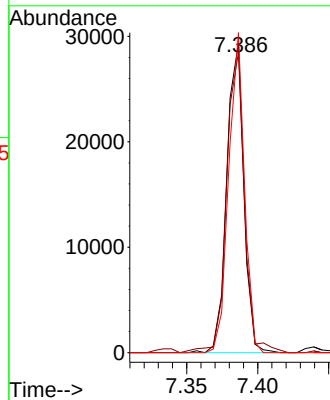
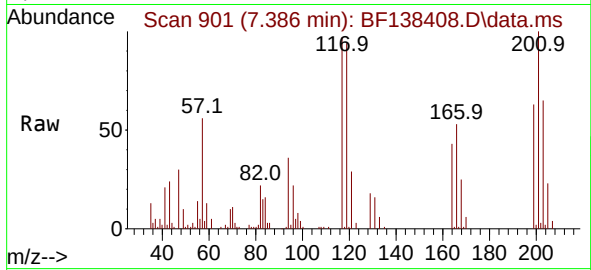
VNJ-325MSD

Tgt Ion:117 Resp: 2451
Ion Ratio Lower Upper
117 100
119 96.9 77.1 115.7
201 103.3 75.6 113.4

Manual Integrations

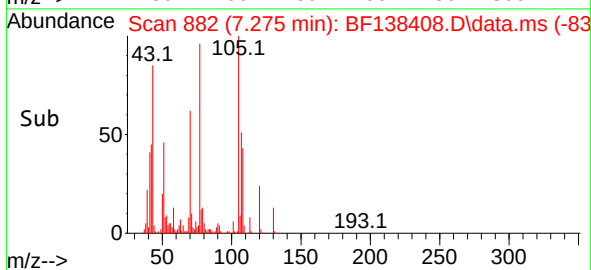
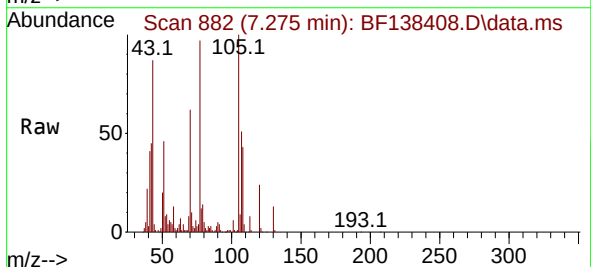
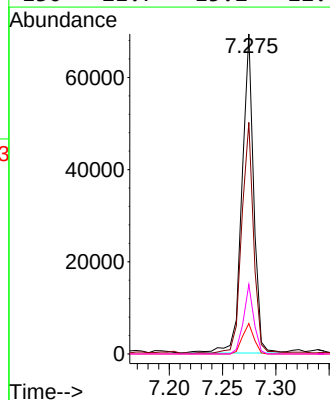
APPROVED

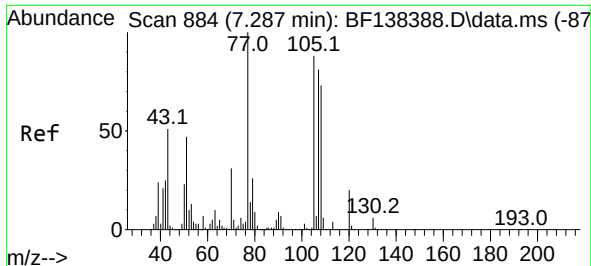
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#19
n-Nitroso-di-n-propylamine
Concen: 6.034 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.018 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion: 70 Resp: 53155
Ion Ratio Lower Upper
70 100
42 72.3 62.5 93.7
101 9.5 7.0 10.4
130 21.7 15.2 22.8





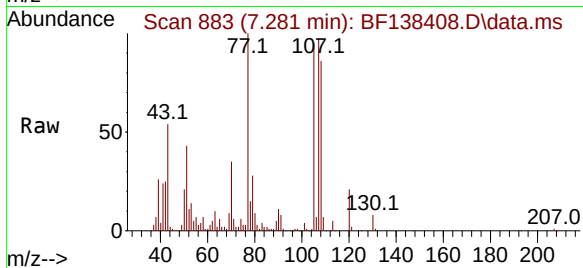
#20
3+4-Methylphenols
Concen: 6.355 ng
RT: 7.281 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Instrument :

BNA_F

ClientSampleId :

VNJ-325MSD

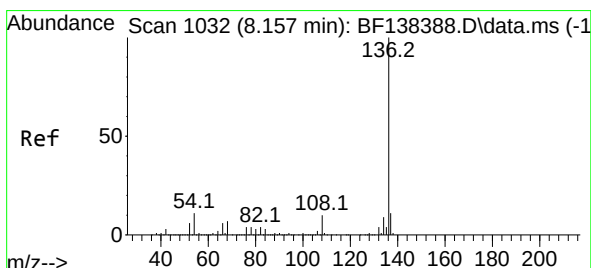
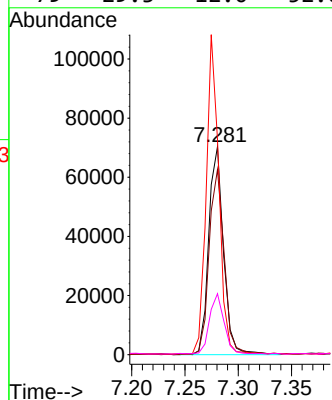
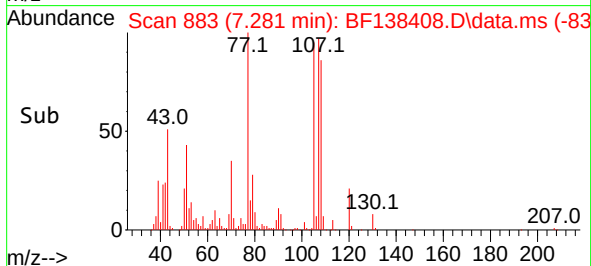


Tgt Ion:107 Resp: 68144
Ion Ratio Lower Upper
107 100
108 89.0 70.8 110.8
77 103.5 104.0 144.0
79 29.3 12.0 52.0

Manual Integrations

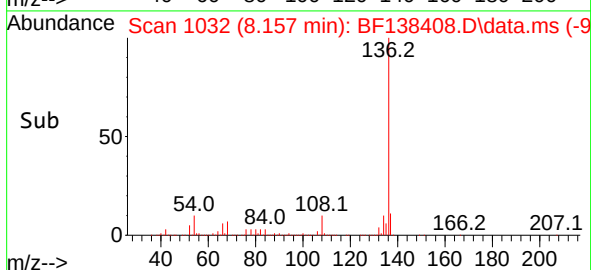
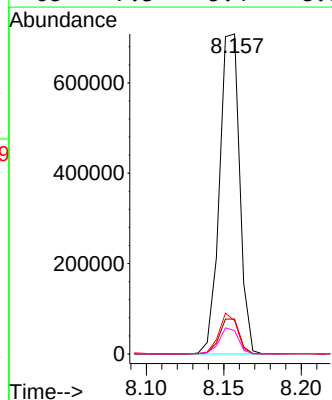
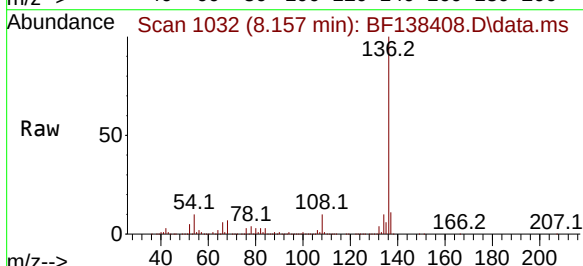
APPROVED

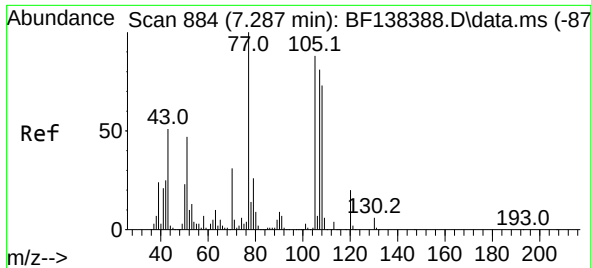
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion:136 Resp: 640603
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.4 9.0 13.4
68 7.3 5.4 8.0





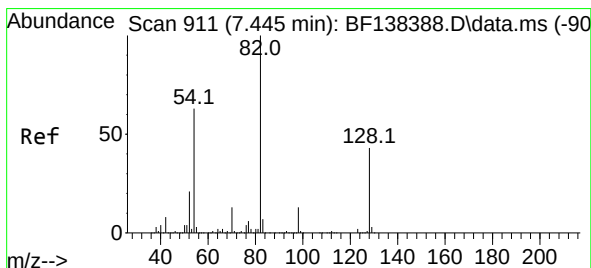
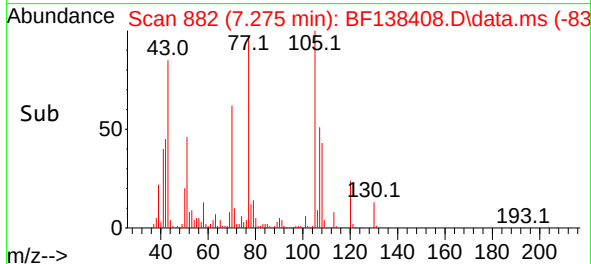
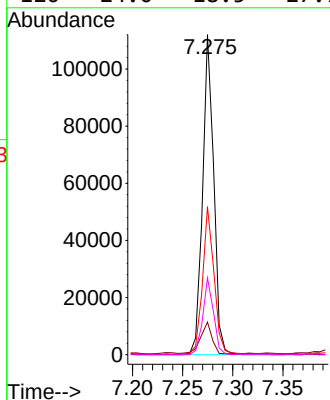
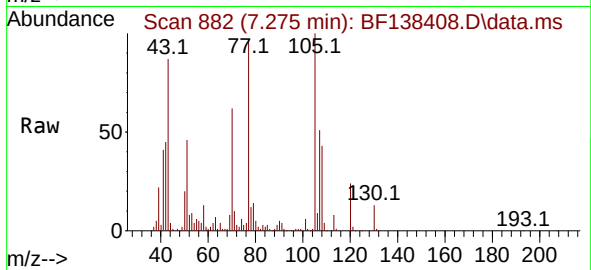
#22
Acetophenone
Concen: 5.996 ng
RT: 7.275 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Instrument :
BNA_F
ClientSampleId :
VNJ-325MSD

Tgt Ion:	105	Resp:	8713
Ion Ratio	Lower	Upper	
105	100		
71	10.2	4.7	7.1
51	46.3	43.2	64.8
120	24.0	18.5	27.7

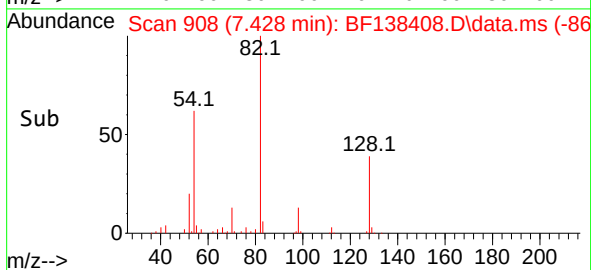
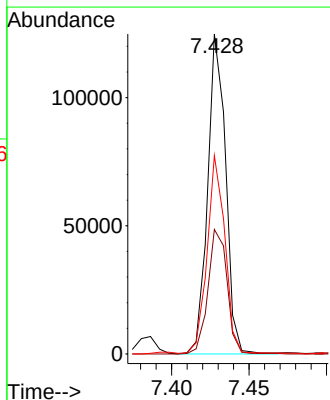
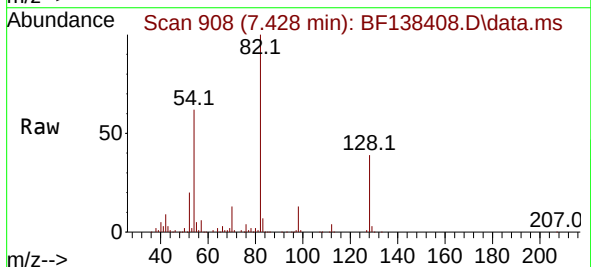
Manual Integrations
APPROVED

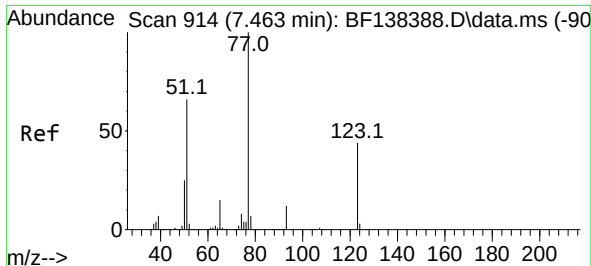
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#23
Nitrobenzene-d5
Concen: 8.171 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.018 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion:	82	Resp:	100764
Ion Ratio	Lower	Upper	
82	100		
128	38.9	34.6	52.0
54	62.0	50.5	75.7





#24
Nitrobenzene
Concen: 5.427 ng
RT: 7.451 min Scan# 914
Delta R.T. -0.012 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Instrument :

BNA_F

ClientSampleId :

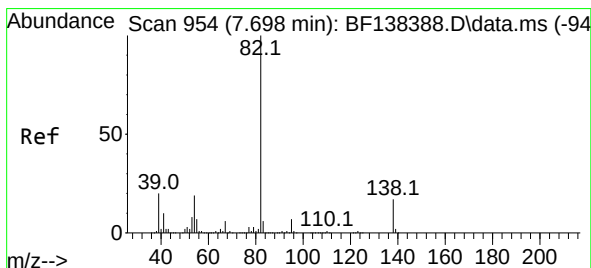
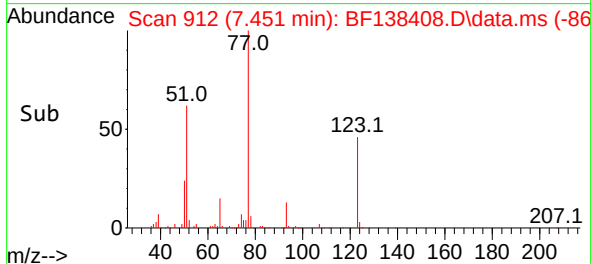
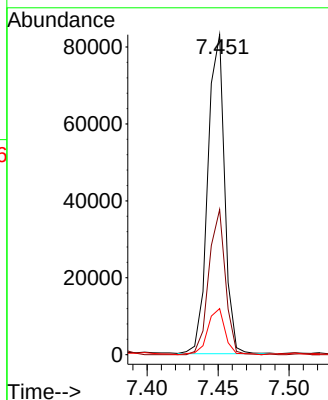
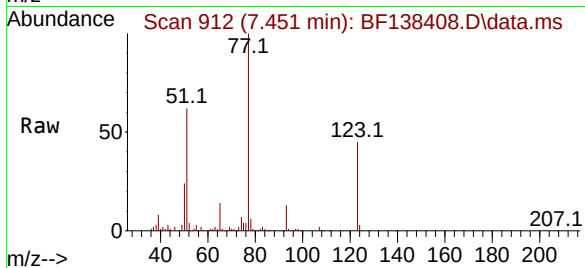
VNJ-325MSD

Tgt Ion: 77 Resp: 6806
Ion Ratio Lower Upper
77 100
123 45.3 35.0 52.6
65 14.4 12.1 18.1

Manual Integrations

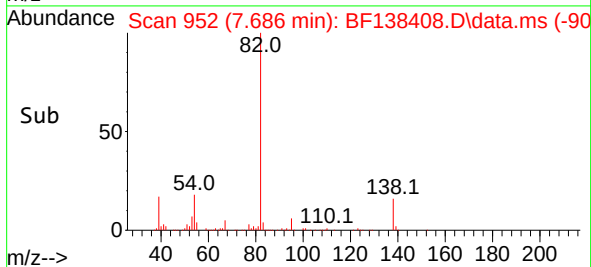
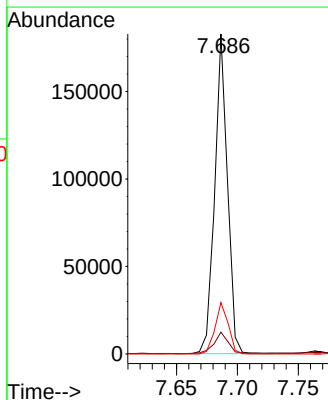
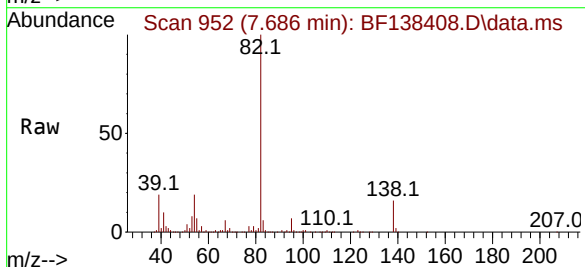
APPROVED

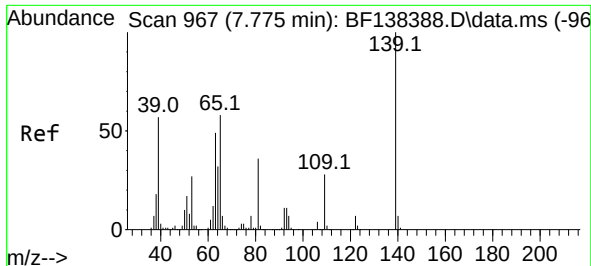
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#25
Isophorone
Concen: 5.832 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion: 82 Resp: 132617
Ion Ratio Lower Upper
82 100
95 6.8 5.7 8.5
138 16.1 13.4 20.2





#26
2-Nitrophenol
Concen: 5.302 ng
RT: 7.769 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Instrument :

BNA_F

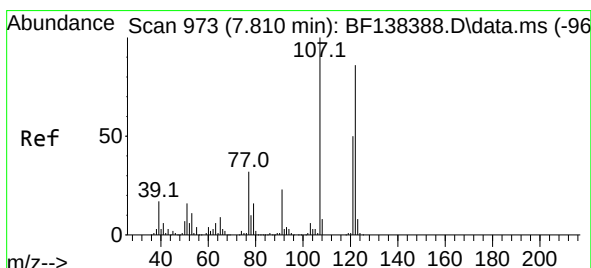
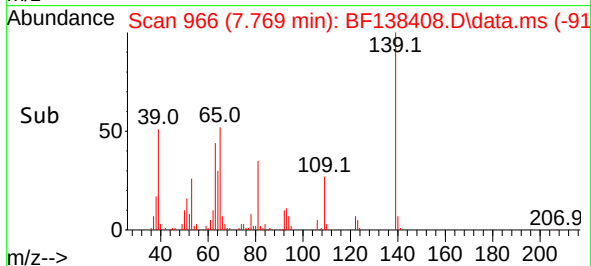
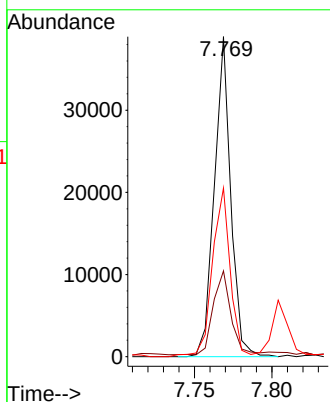
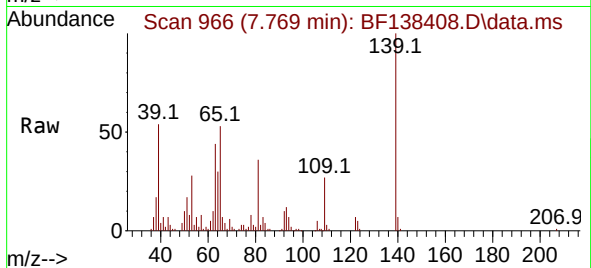
ClientSampleId :

VNJ-325MSD

Tgt Ion:139 Resp: 2868
Ion Ratio Lower Upper
139 100
109 26.8 22.5 33.7
65 52.7 46.2 69.2

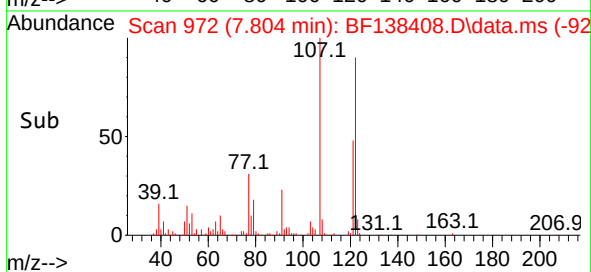
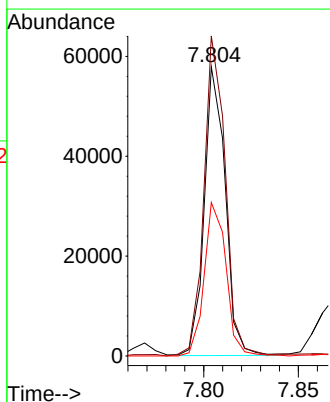
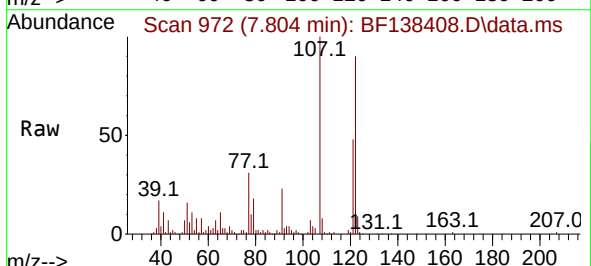
Manual Integrations
APPROVED

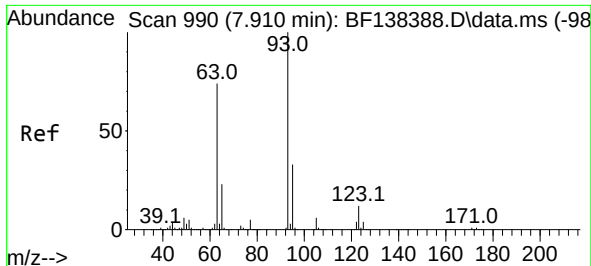
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#27
2,4-Dimethylphenol
Concen: 6.409 ng
RT: 7.804 min Scan# 972
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion:122 Resp: 44378
Ion Ratio Lower Upper
122 100
107 110.7 92.5 138.7
121 53.1 46.5 69.7





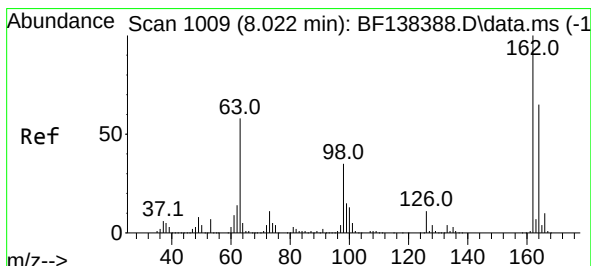
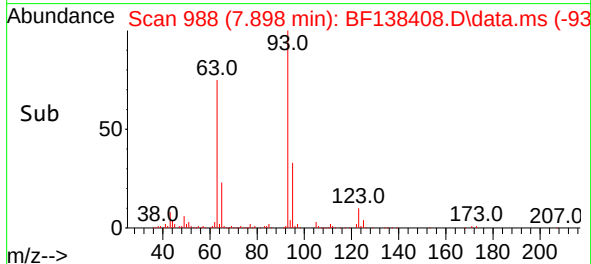
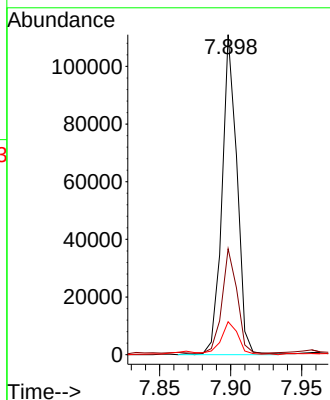
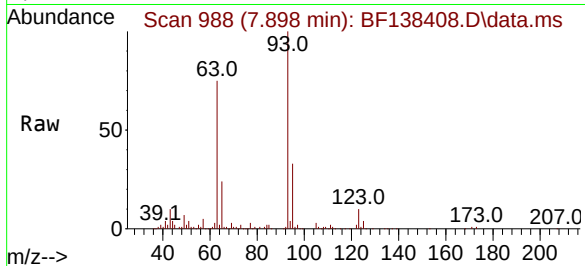
#28
bis(2-Chloroethoxy)methane
Concen: 5.937 ng
RT: 7.898 min Scan# 990
Delta R.T. -0.012 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Instrument :
BNA_F
ClientSampleId :
VNJ-325MSD

Tgt Ion: 93 Resp: 81260
Ion Ratio Lower Upper
93 100
95 33.1 26.6 40.0
123 10.3 9.6 14.4

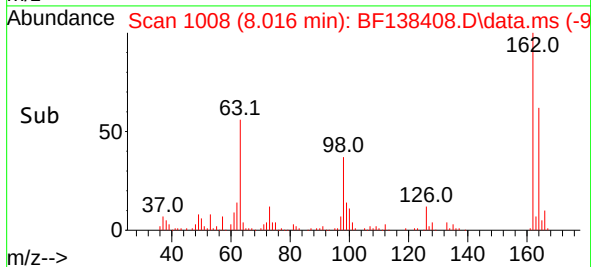
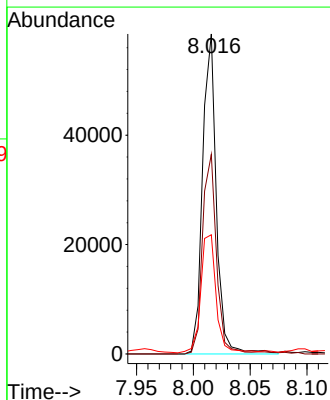
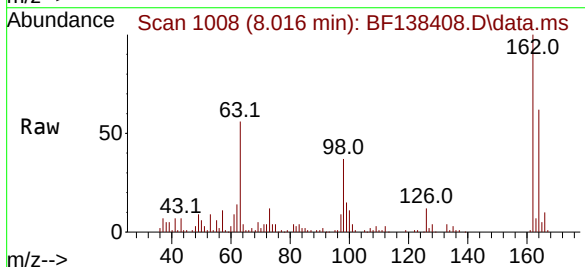
Manual Integrations
APPROVED

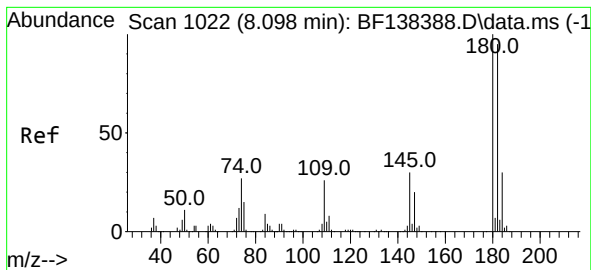
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#29
2,4-Dichlorophenol
Concen: 5.563 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion:162 Resp: 49470
Ion Ratio Lower Upper
162 100
164 62.4 45.4 85.4
98 37.3 15.2 55.2





#30
1,2,4-Trichlorobenzene
Concen: 5.462 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Instrument :

BNA_F

ClientSampleId :

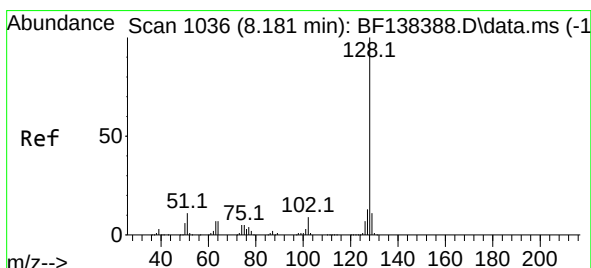
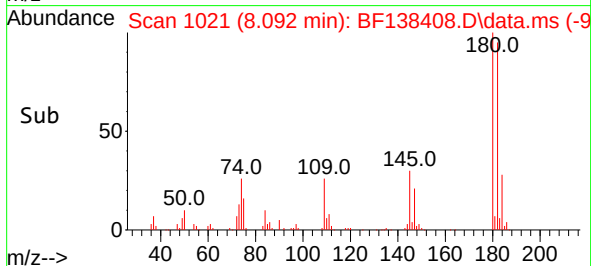
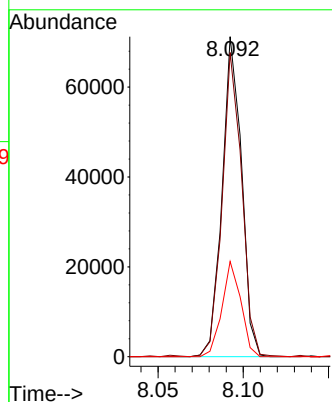
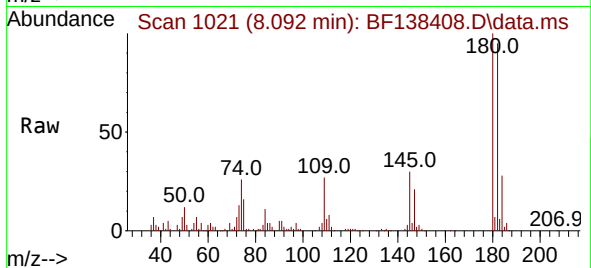
VNJ-325MSD

Tgt Ion:180 Resp: 5648
Ion Ratio Lower Upper
180 100
182 95.0 76.0 114.0
145 29.7 24.2 36.2

Manual Integrations

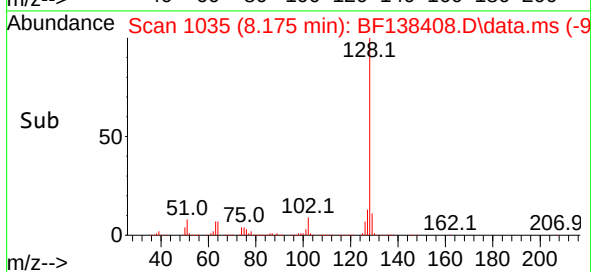
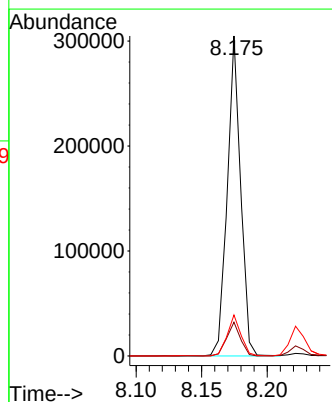
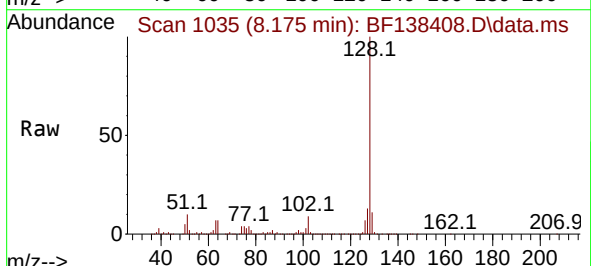
APPROVED

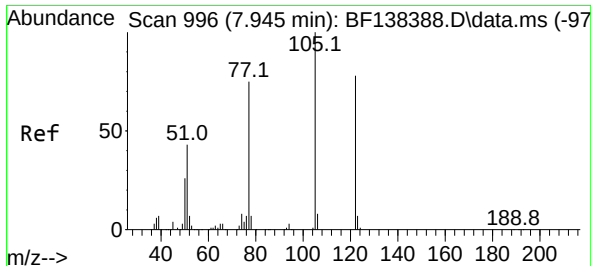
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#31
Naphthalene
Concen: 6.643 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion:128 Resp: 215128
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.6
127 12.8 10.6 16.0





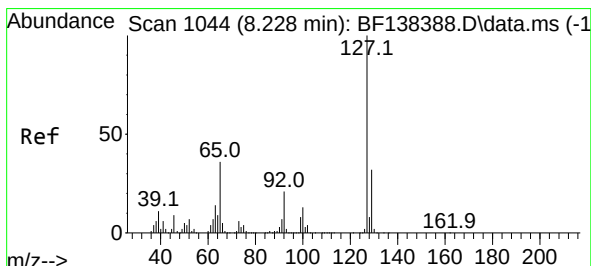
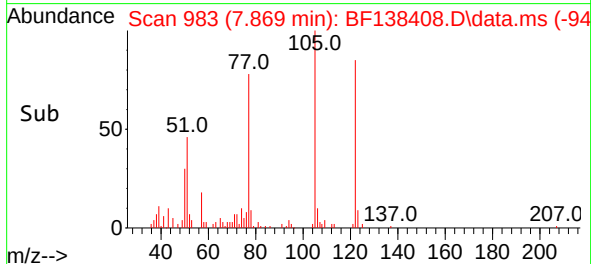
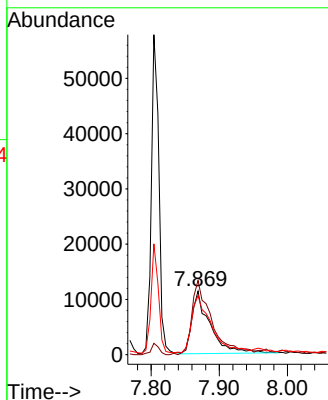
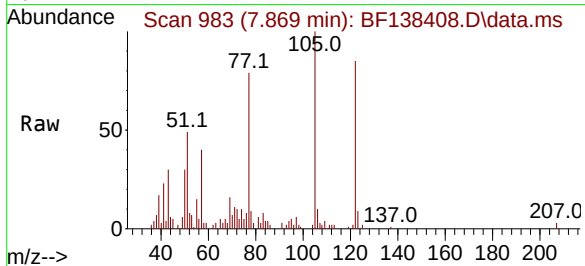
#32
Benzoic acid
Concen: 7.081 ng
RT: 7.869 min Scan# 91
Delta R.T. -0.076 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Instrument :
BNA_F
ClientSampleId :
VNJ-325MSD

Tgt Ion:122 Resp: 2063
Ion Ratio Lower Upper
122 100
105 117.0 103.8 143.8
77 92.9 74.3 114.3

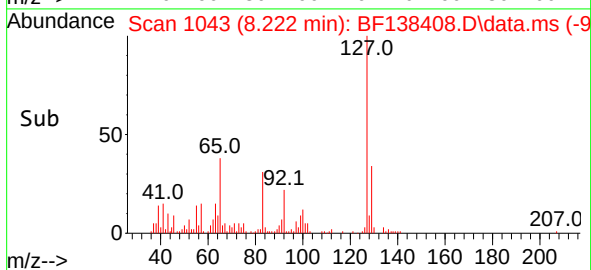
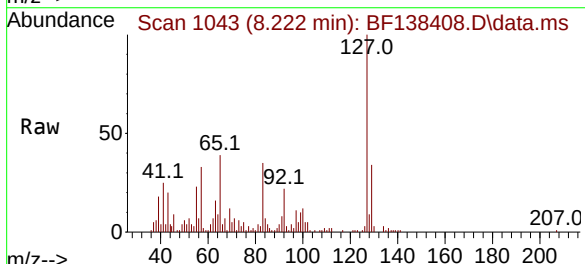
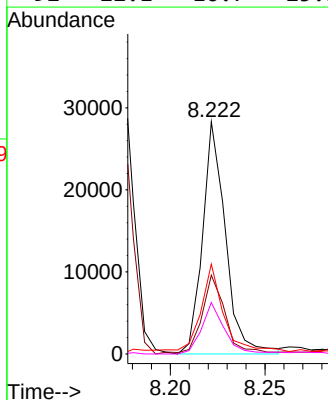
Manual Integrations
APPROVED

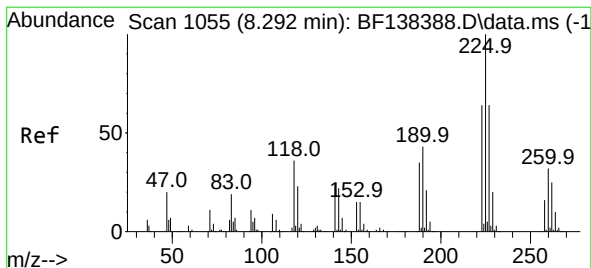
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#33
4-Chloroaniline
Concen: 2.109 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion:127 Resp: 23857
Ion Ratio Lower Upper
127 100
129 33.9 25.4 38.2
65 38.7 28.7 43.1
92 22.1 16.7 25.1





#34

Hexachlorobutadiene

Concen: 5.165 ng

RT: 8.292 min Scan# 1105

Delta R.T. -0.000 min

Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

Instrument :

BNA_F

ClientSampleId :

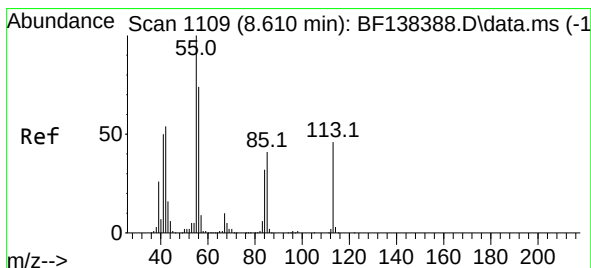
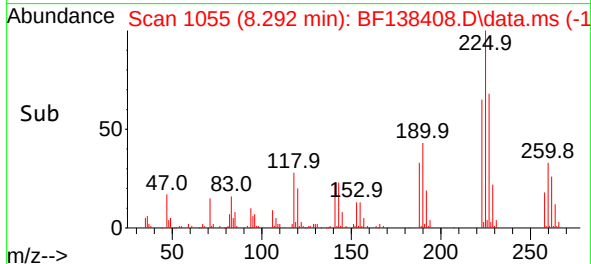
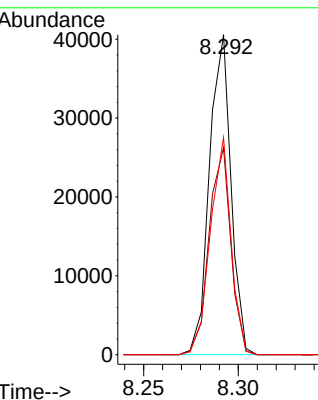
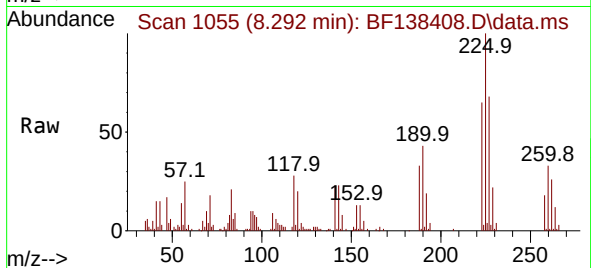
VNJ-325MSD

Tgt Ion:	225	Resp:	32064
Ion Ratio	Lower	Upper	
225	100		
223	64.6	51.0	76.6
227	67.8	51.2	76.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#35

Caprolactam

Concen: 6.098 ng m

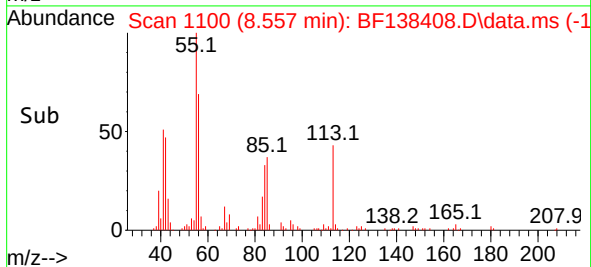
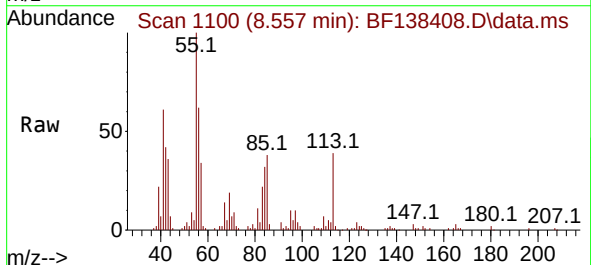
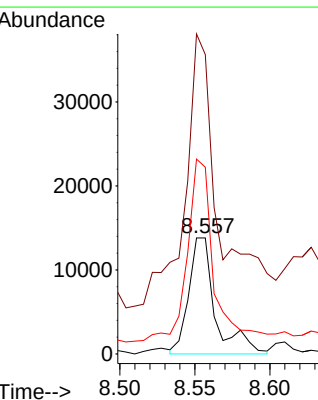
RT: 8.557 min Scan# 1100

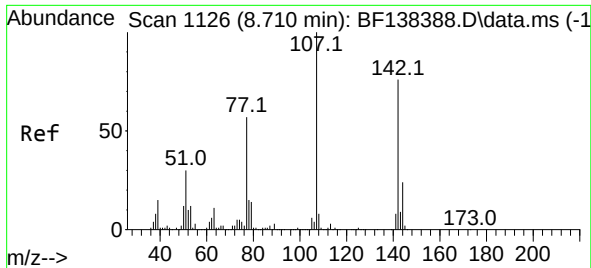
Delta R.T. -0.053 min

Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

Tgt Ion:	113	Resp:	17125
Ion Ratio	Lower	Upper	
113	100		
55	258.0	195.9	235.9#
56	160.9	138.7	178.7





#36
4-Chloro-3-methylphenol
Concen: 5.713 ng
RT: 8.704 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Instrument :

BNA_F

ClientSampleId :

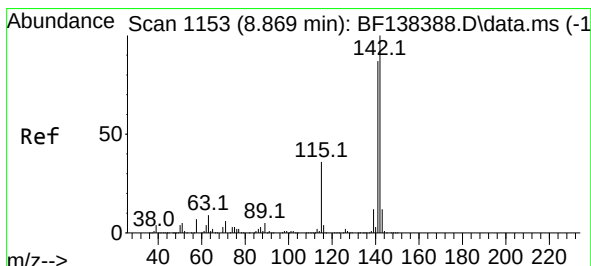
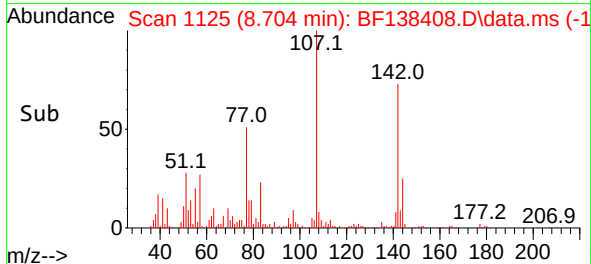
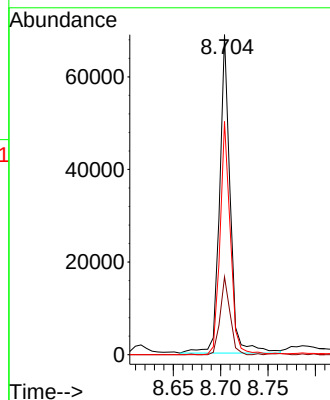
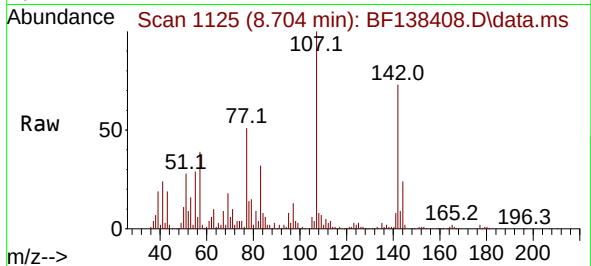
VNJ-325MSD

Tgt Ion:107 Resp: 5412
Ion Ratio Lower Upper
107 100
144 24.3 19.2 28.8
142 72.8 61.0 91.6

Manual Integrations

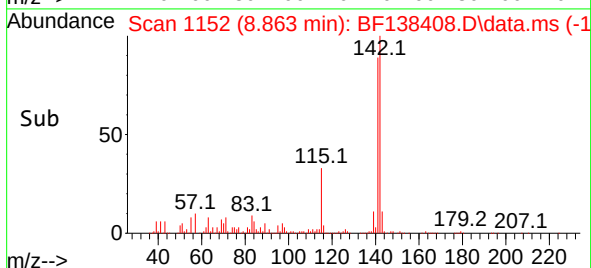
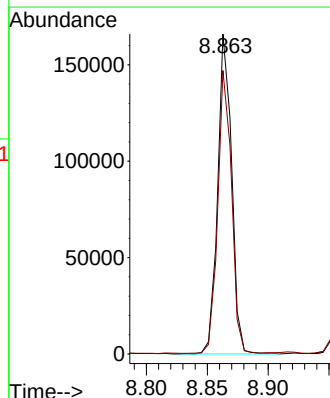
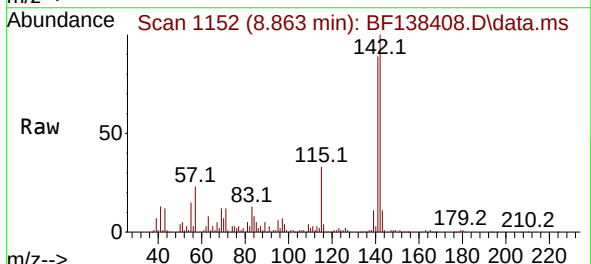
APPROVED

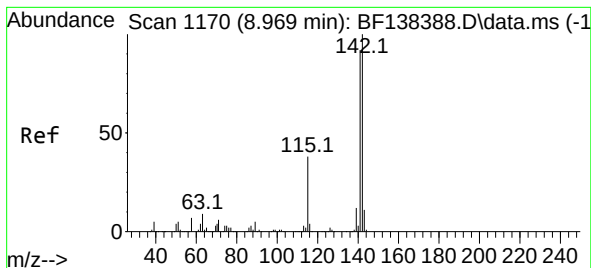
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#37
2-Methylnaphthalene
Concen: 6.344 ng
RT: 8.863 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion:142 Resp: 132787
Ion Ratio Lower Upper
142 100
141 88.6 69.6 104.4





#38

1-Methylnaphthalene

Concen: 5.771 ng

RT: 8.963 min Scan# 1170

Delta R.T. -0.006 min

Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

Instrument :

BNA_F

ClientSampleId :

VNJ-325MSD

Tgt Ion:142 Resp: 11713

Ion Ratio Lower Upper

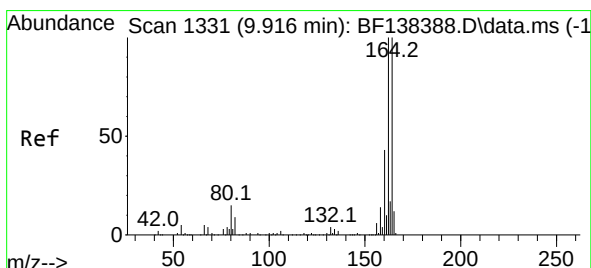
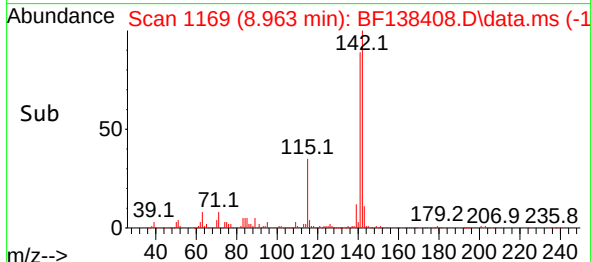
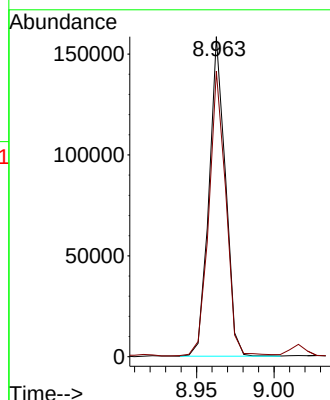
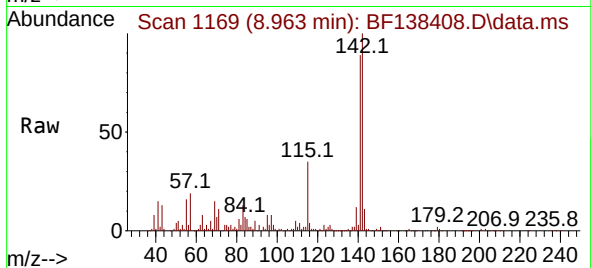
142 100

141 89.3 73.7 110.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1330

Delta R.T. -0.006 min

Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

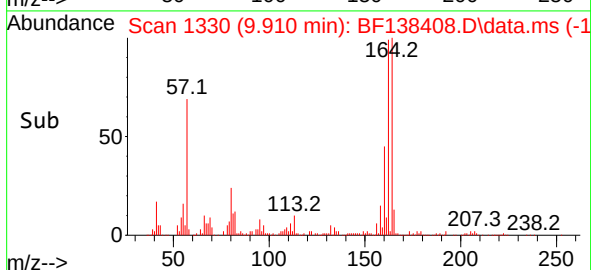
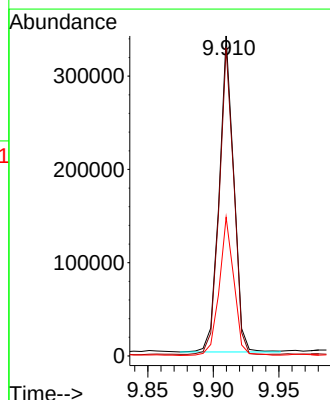
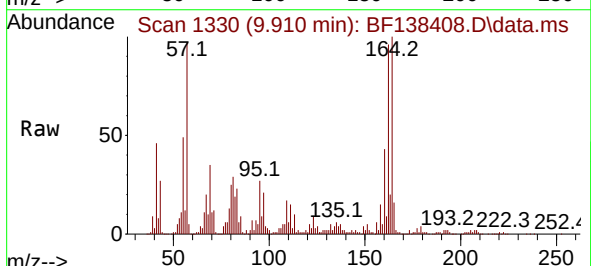
Tgt Ion:164 Resp: 261372

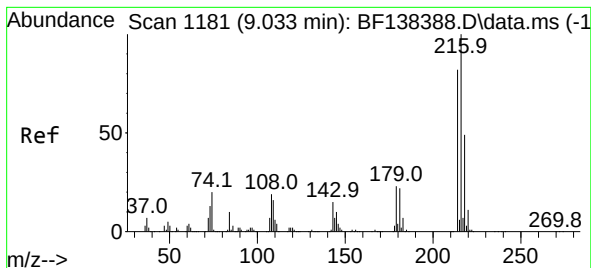
Ion Ratio Lower Upper

164 100

162 96.3 80.1 120.1

160 43.4 34.1 51.1





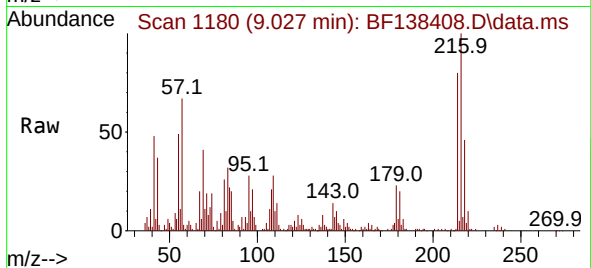
#40
1,2,4,5-Tetrachlorobenzene
Concen: 6.394 ng
RT: 9.027 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Instrument :

BNA_F

ClientSampleId :

VNJ-325MSD

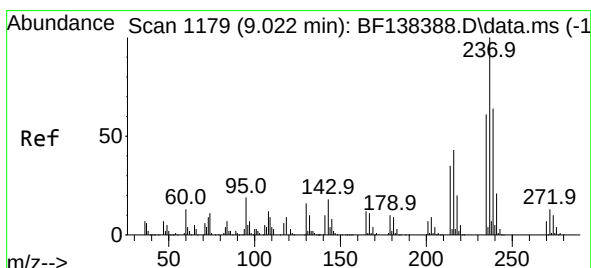
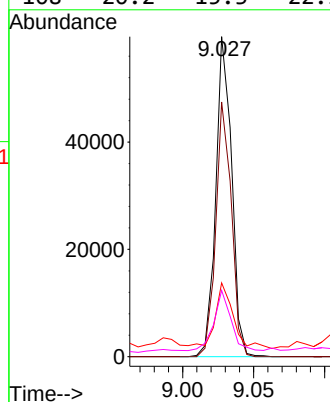
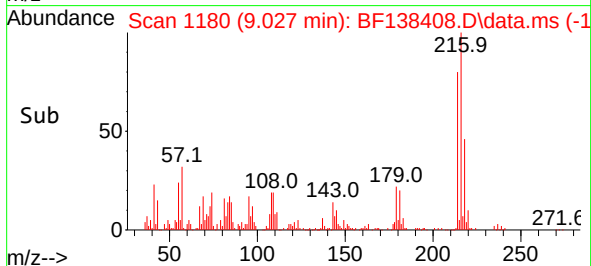


Tgt Ion:216 Resp: 46220
Ion Ratio Lower Upper
216 100
214 78.1 64.2 96.4
179 23.2 17.4 26.0
108 20.2 15.3 22.9

Manual Integrations

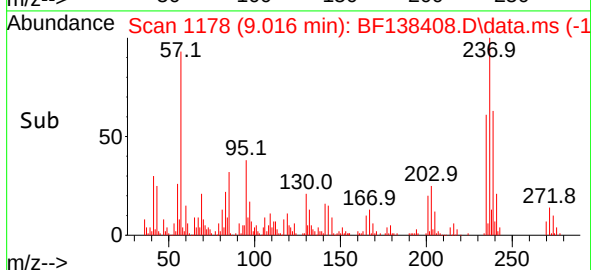
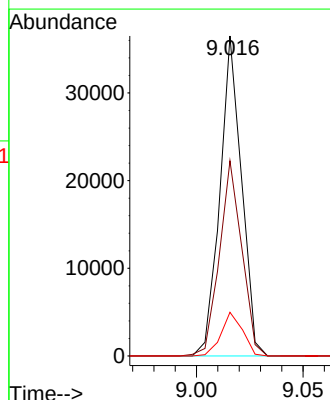
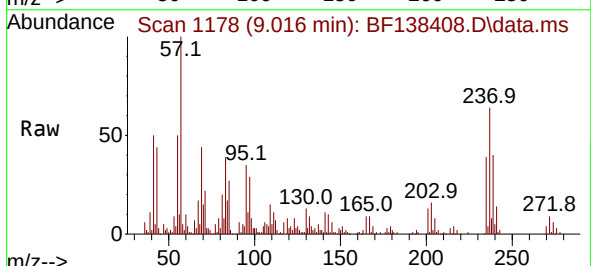
APPROVED

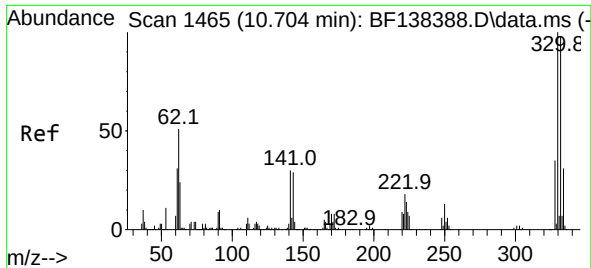
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#41
Hexachlorocyclopentadiene
Concen: 12.069 ng
RT: 9.016 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion:237 Resp: 25684
Ion Ratio Lower Upper
237 100
235 61.0 41.4 81.4
272 13.6 0.0 33.1





#42
2,4,6-Tribromophenol
Concen: 9.499 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Instrument :

BNA_F

ClientSampleId :

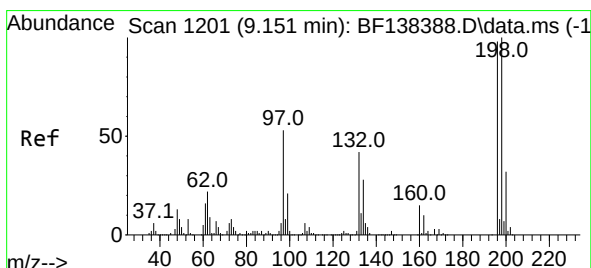
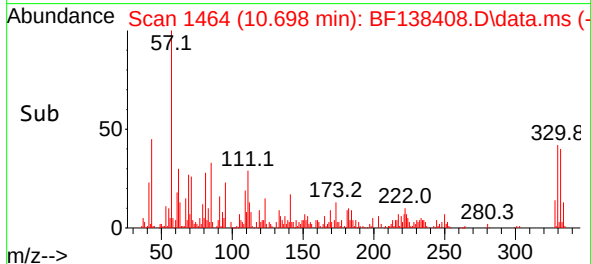
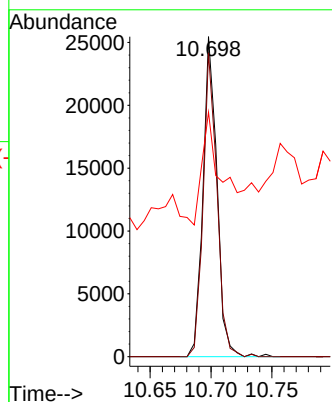
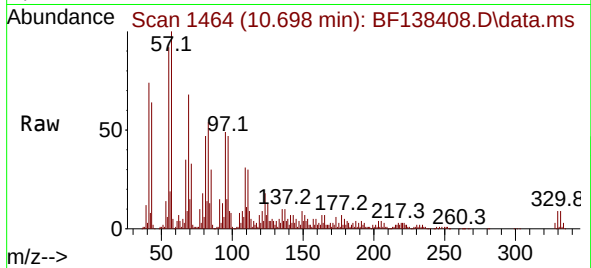
VNJ-325MSD

Tgt Ion:330 Resp: 20284
Ion Ratio Lower Upper
330 100
332 93.9 77.0 115.6
141 52.1 28.1 42.1

Manual Integrations

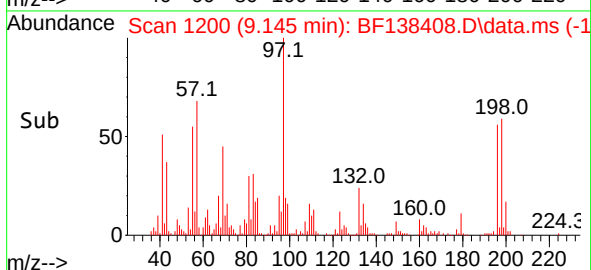
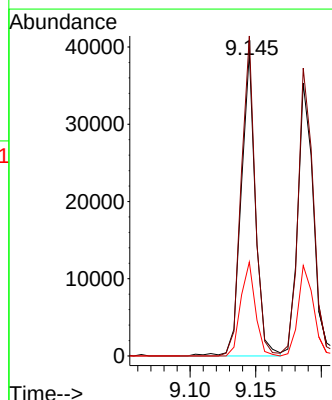
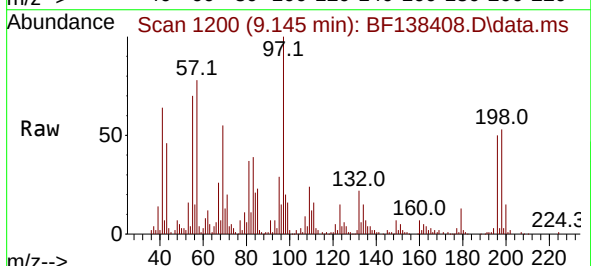
APPROVED

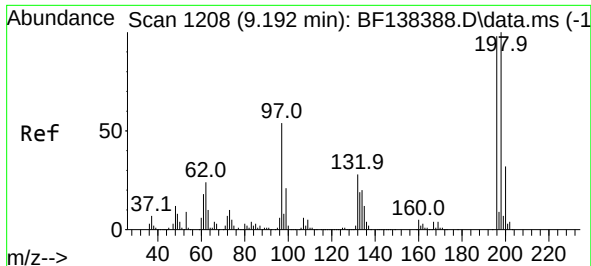
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#43
2,4,6-Trichlorophenol
Concen: 6.466 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion:196 Resp: 29745
Ion Ratio Lower Upper
196 100
198 105.4 81.8 122.8
200 30.9 26.2 39.4





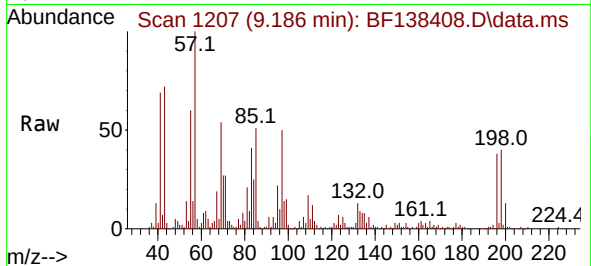
#44
2,4,5-Trichlorophenol
Concen: 5.994 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Instrument :

BNA_F

ClientSampleId :

VNJ-325MSD

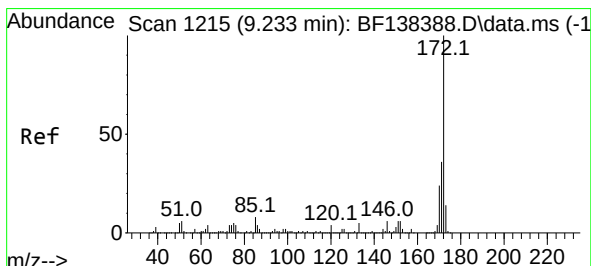
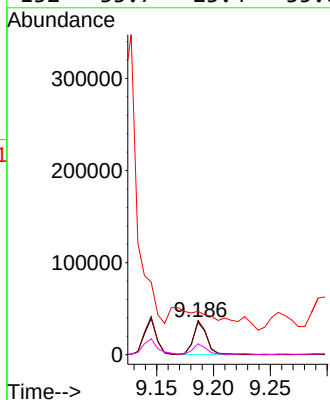
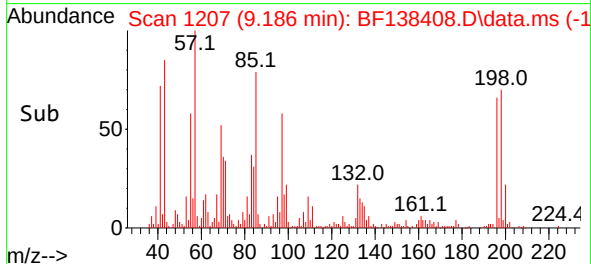


Tgt Ion:196 Resp: 2998
Ion Ratio Lower Upper
196 100
198 105.5 81.8 122.6
97 133.2 44.2 66.4
132 33.7 23.4 35.0

Manual Integrations

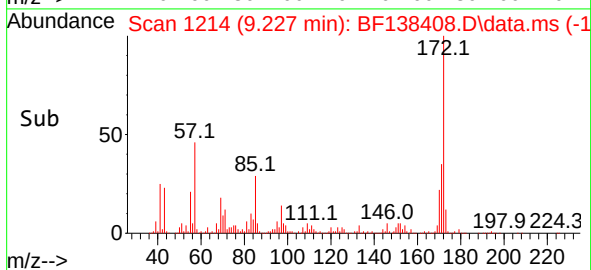
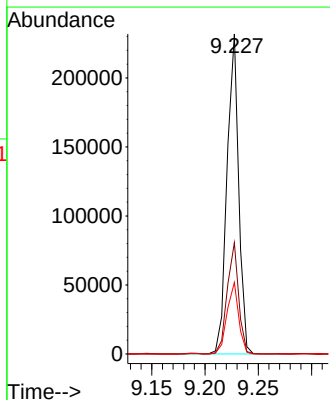
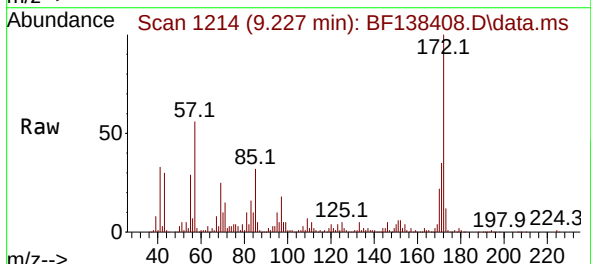
APPROVED

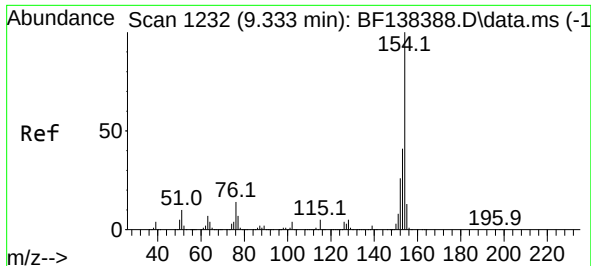
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#45
2-Fluorobiphenyl
Concen: 10.672 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion:172 Resp: 175267
Ion Ratio Lower Upper
172 100
171 34.7 29.0 43.4
170 22.4 19.0 28.6





#46
1,1'-Biphenyl
Concen: 7.548 ng
RT: 9.327 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Instrument :

BNA_F

ClientSampleId :

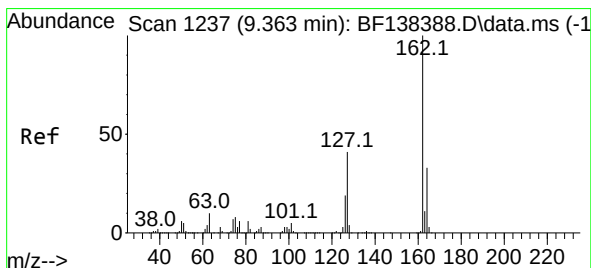
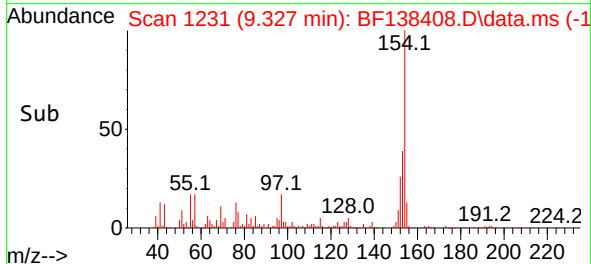
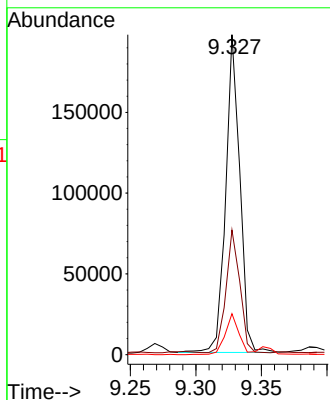
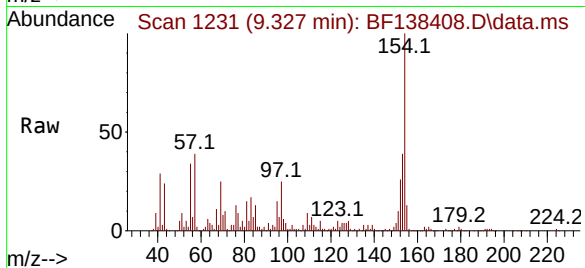
VNJ-325MSD

Tgt Ion:154 Resp: 14730
Ion Ratio Lower Upper
154 100
153 39.0 20.5 60.5
76 12.8 0.0 34.4

Manual Integrations

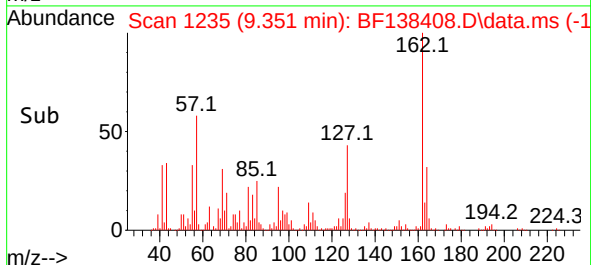
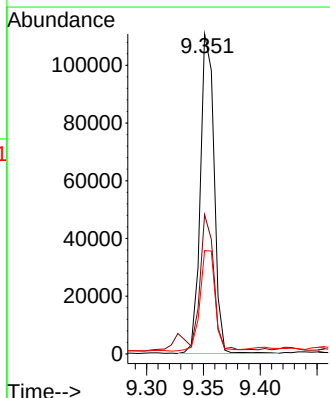
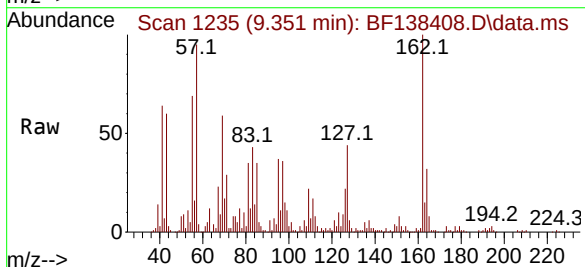
APPROVED

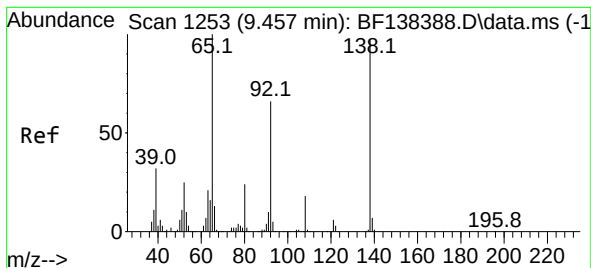
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#47
2-Chloronaphthalene
Concen: 6.283 ng
RT: 9.351 min Scan# 1235
Delta R.T. -0.012 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion:162 Resp: 93490
Ion Ratio Lower Upper
162 100
127 43.6 32.7 49.1
164 32.3 26.6 40.0





#48

2-Nitroaniline

Concen: 8.071 ng

RT: 9.445 min Scan# 1306

Delta R.T. -0.012 min

Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

Instrument :

BNA_F

ClientSampleId :

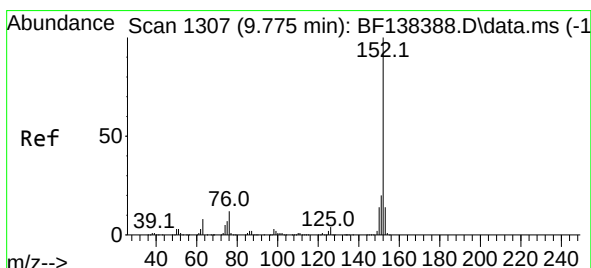
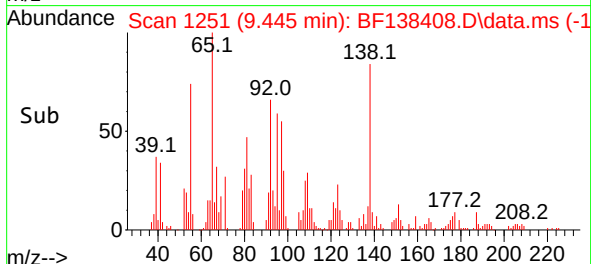
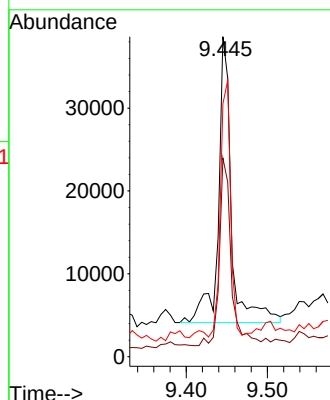
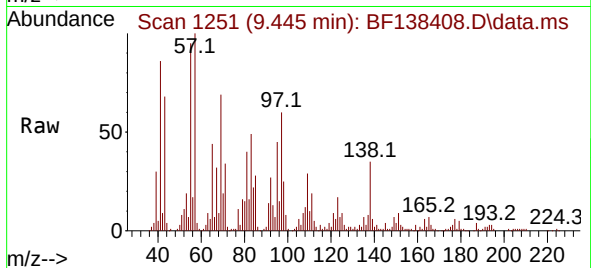
VNJ-325MSD

Tgt Ion:	65	Resp:	38738
Ion Ratio	Lower	Upper	
65	100		
92	62.0	52.6	79.0
138	79.0	77.4	116.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#49

Acenaphthylene

Concen: 8.170 ng

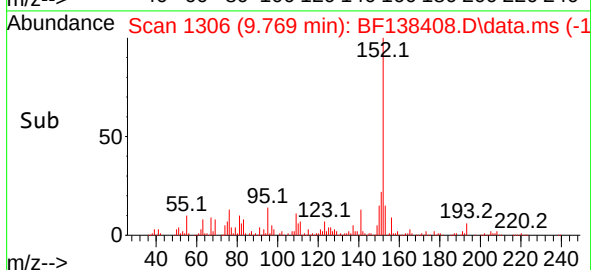
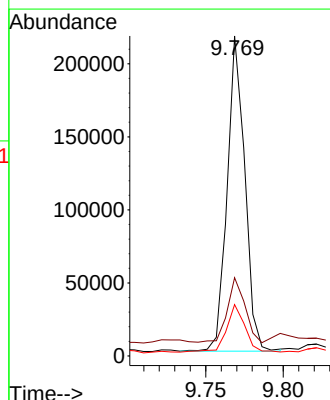
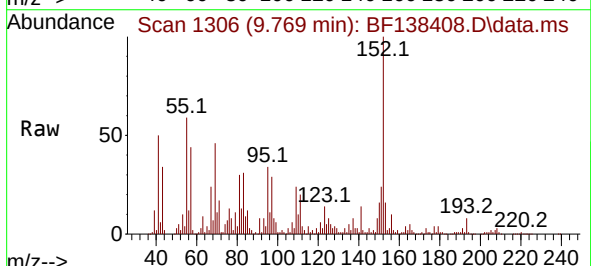
RT: 9.769 min Scan# 1306

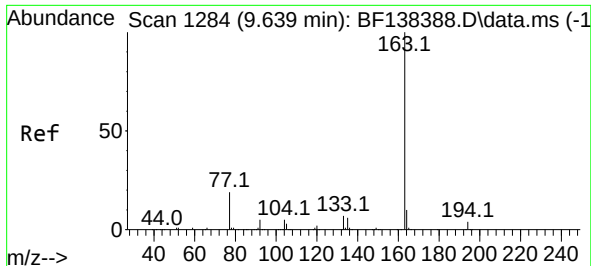
Delta R.T. -0.006 min

Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

Tgt Ion:	152	Resp:	170976
Ion Ratio	Lower	Upper	
152	100		
151	24.5	16.2	24.4
153	16.1	11.4	17.2





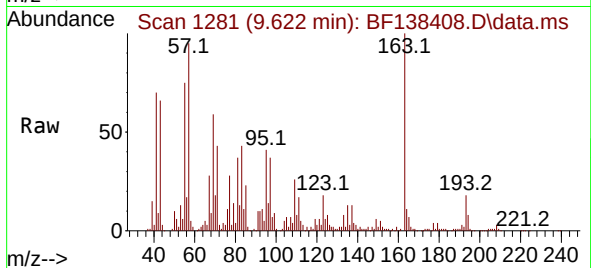
#50
Dimethylphthalate
Concen: 7.039 ng
RT: 9.622 min Scan# 11824
Delta R.T. -0.018 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Instrument :

BNA_F

ClientSampleId :

VNJ-325MSD

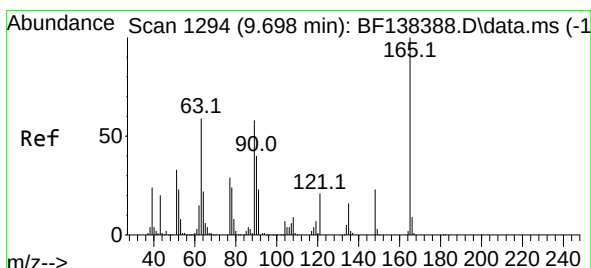
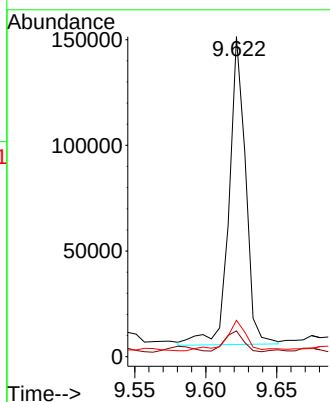
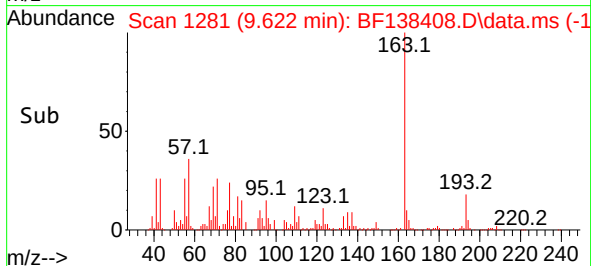


Tgt Ion:163 Resp: 11824
Ion Ratio Lower Upper
163 100
194 8.0 3.5 5.3
164 11.4 8.2 12.4

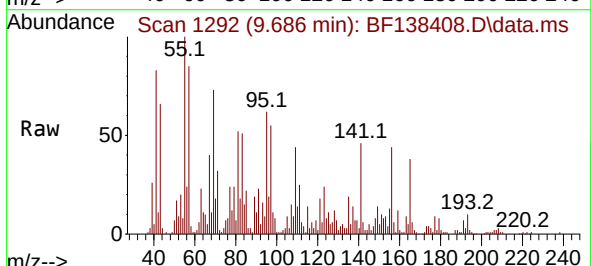
Manual Integrations

APPROVED

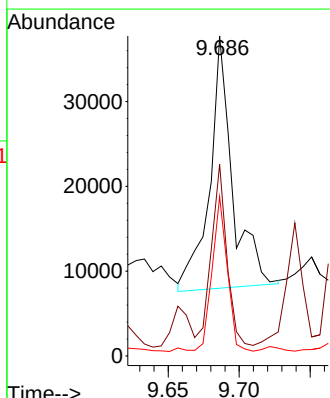
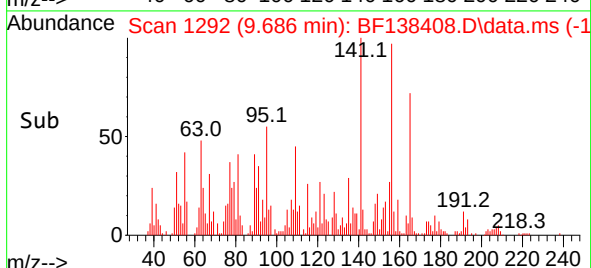
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024

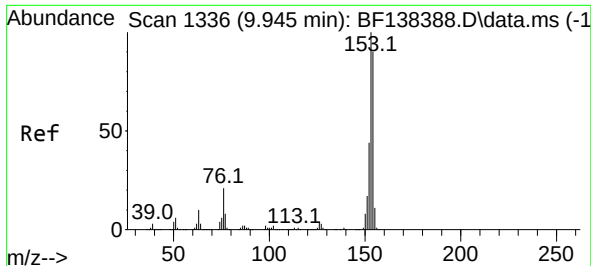


#51
2,6-Dinitrotoluene
Concen: 8.831 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.012 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35



Tgt Ion:165 Resp: 33223
Ion Ratio Lower Upper
165 100
63 59.9 53.8 80.8
89 49.8 46.4 69.6





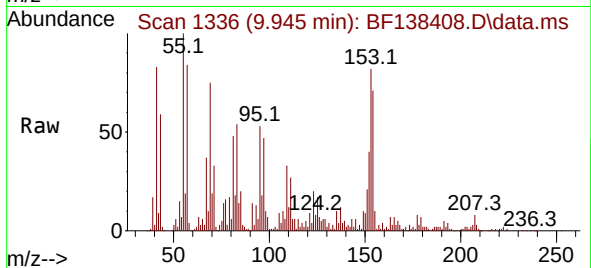
#52
Acenaphthene
Concen: 7.378 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Instrument :

BNA_F

ClientSampleId :

VNJ-325MSD

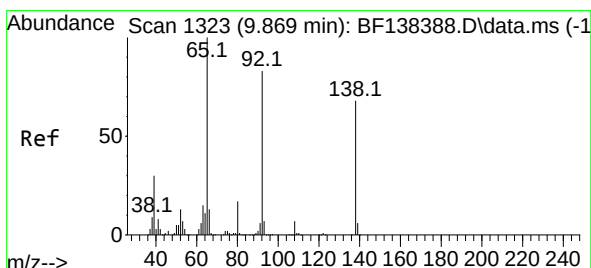
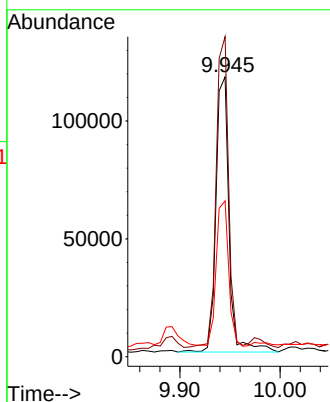
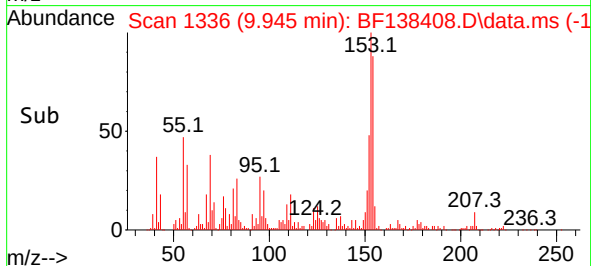


Tgt Ion:154 Resp: 10572
Ion Ratio Lower Upper
154 100
153 114.3 89.4 134.0
152 55.7 39.7 59.5

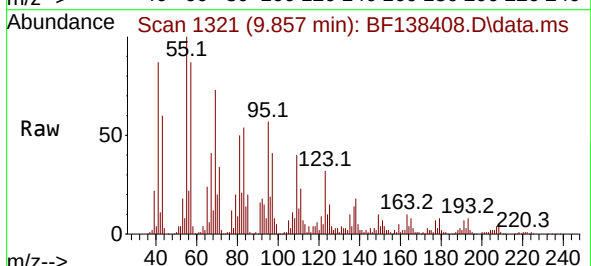
Manual Integrations

APPROVED

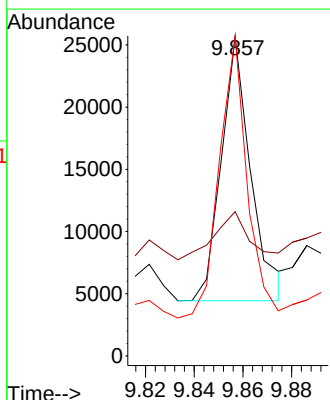
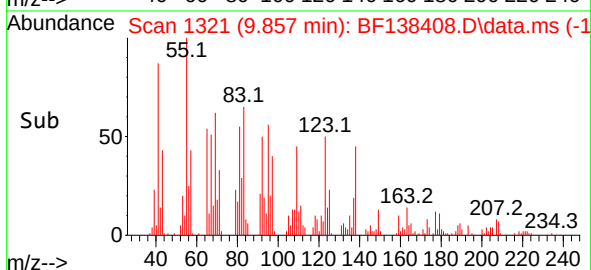
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024

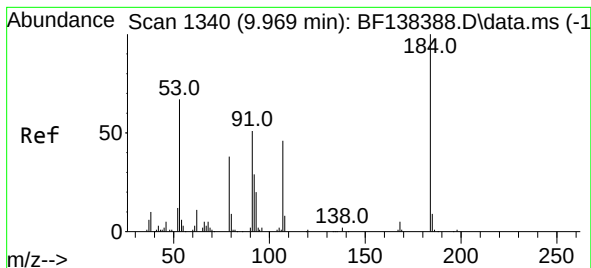


#53
3-Nitroaniline
Concen: 4.792 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.012 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35



Tgt Ion:138 Resp: 17804
Ion Ratio Lower Upper
138 100
108 45.2 8.6 12.8#
92 100.2 97.3 145.9





#54
2,4-Dinitrophenol
Concen: 12.114 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Instrument :

BNA_F

ClientSampleId :

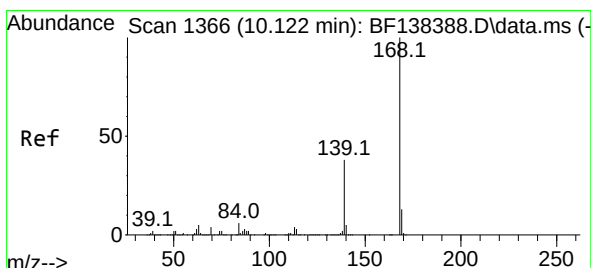
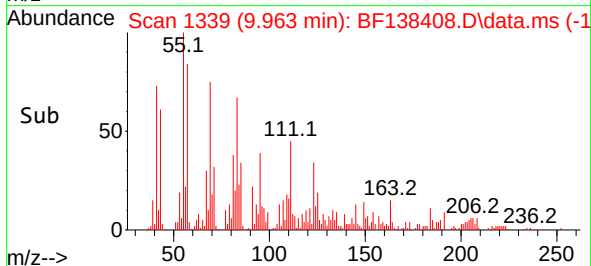
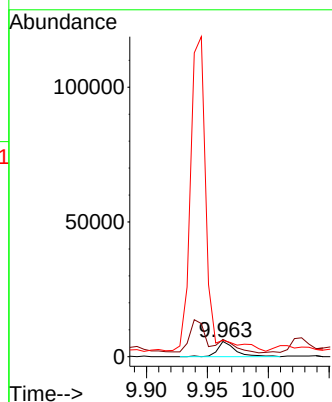
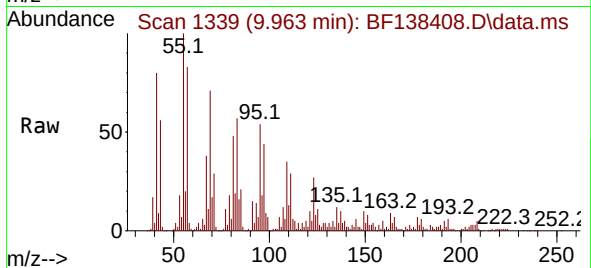
VNJ-325MSD

Tgt Ion:184 Resp: 570
Ion Ratio Lower Upper
184 100
63 114.3 67.3 100.9
154 108.4 51.0 76.4

Manual Integrations

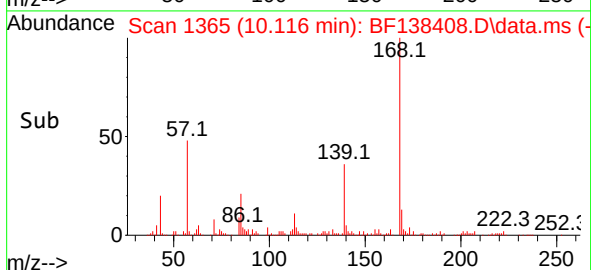
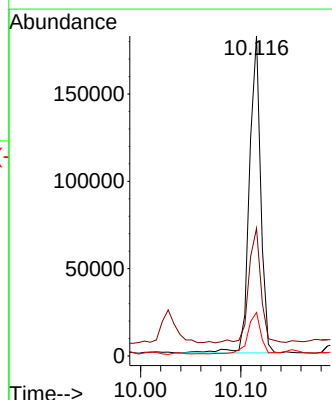
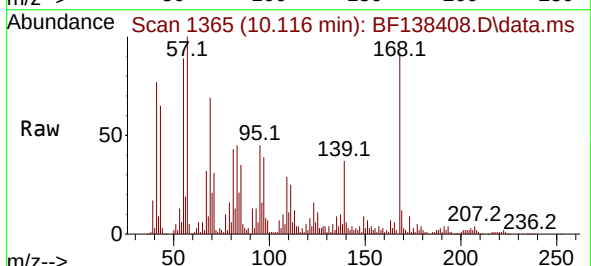
APPROVED

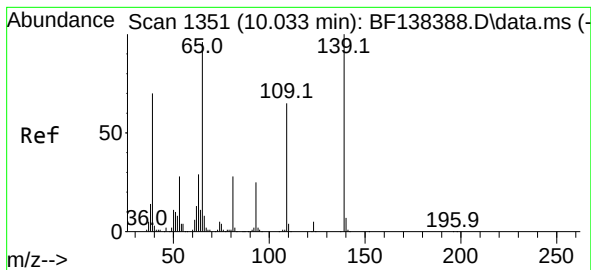
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#55
Dibenzofuran
Concen: 7.178 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion:168 Resp: 141711
Ion Ratio Lower Upper
168 100
139 39.9 30.4 45.6
169 13.6 10.7 16.1





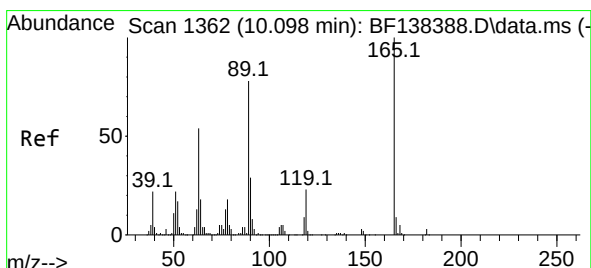
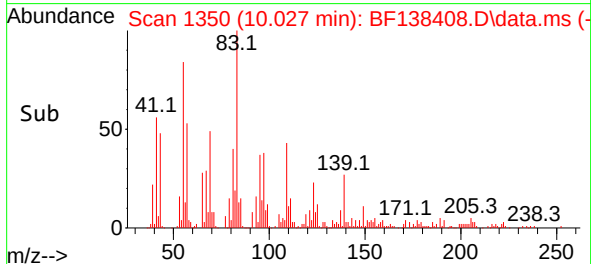
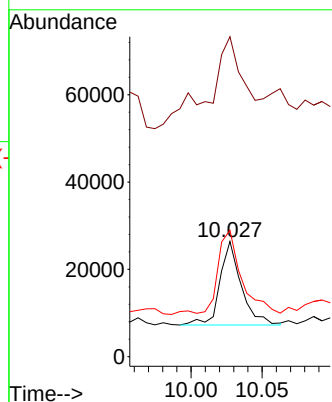
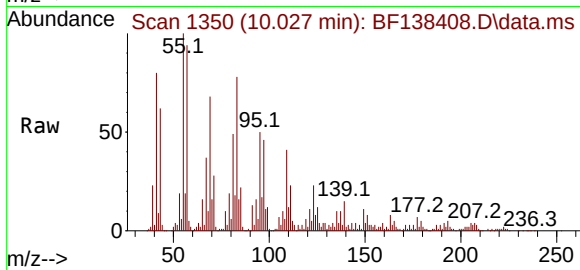
#56
4-Nitrophenol
Concen: 8.319 ng
RT: 10.027 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Instrument :
BNA_F
ClientSampleId :
VNJ-325MSD

Tgt Ion:139 Resp: 20042
Ion Ratio Lower Upper
139 100
109 277.6 44.6 84.6#
65 109.6 75.9 115.9

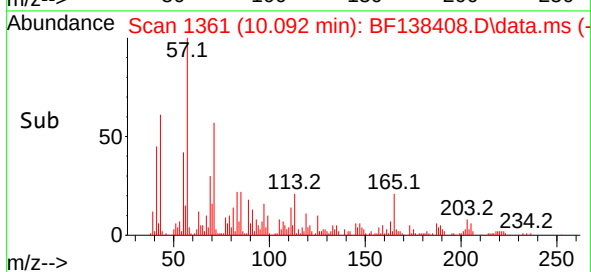
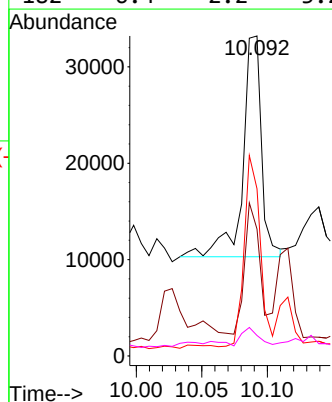
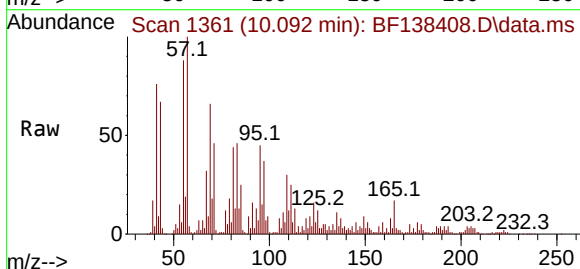
Manual Integrations
APPROVED

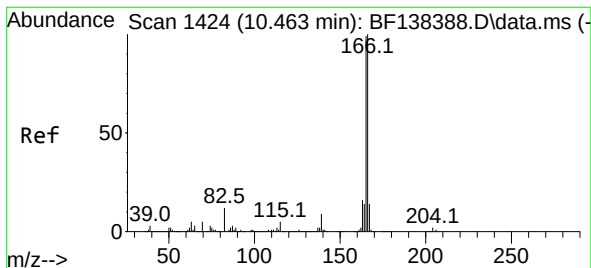
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#57
2,4-Dinitrotoluene
Concen: 4.958 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion:165 Resp: 22966
Ion Ratio Lower Upper
165 100
63 39.7 43.4 65.2#
89 52.2 62.6 93.8#
182 6.4 2.2 3.2#





#58

Fluorene

Concen: 5.943 ng

RT: 10.457 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

Instrument :

BNA_F

ClientSampleId :

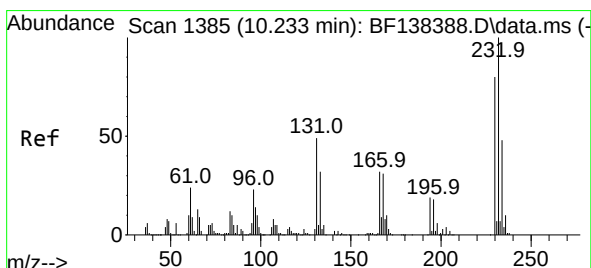
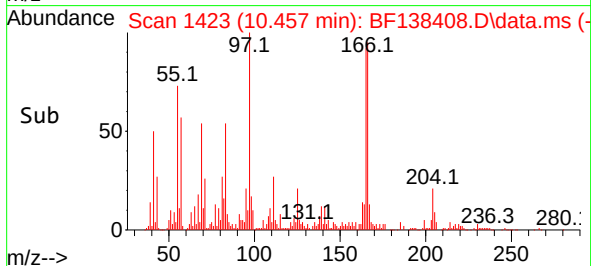
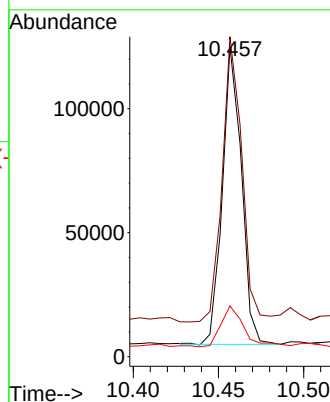
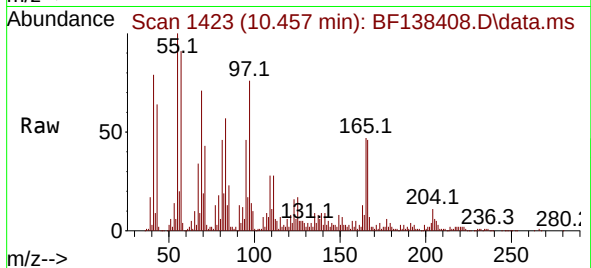
VNJ-325MSD

Tgt Ion:166	Resp:	9322
Ion Ratio	Lower	Upper
166	100	
165	103.1	79.0 118.6
167	16.3	10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#59

2,3,4,6-Tetrachlorophenol

Concen: 4.531 ng

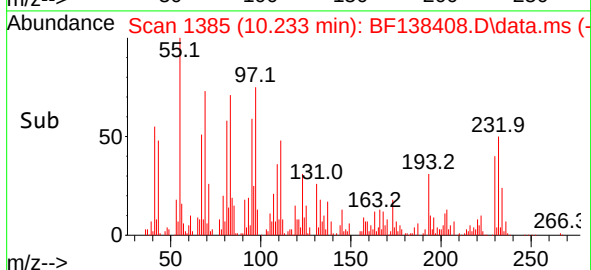
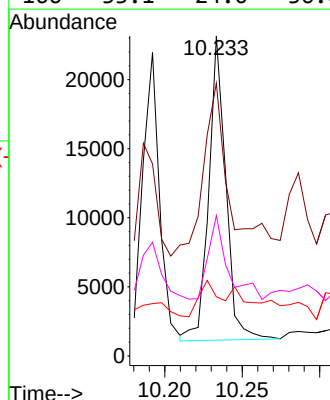
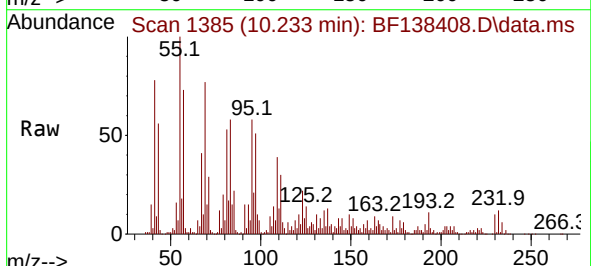
RT: 10.233 min Scan# 1385

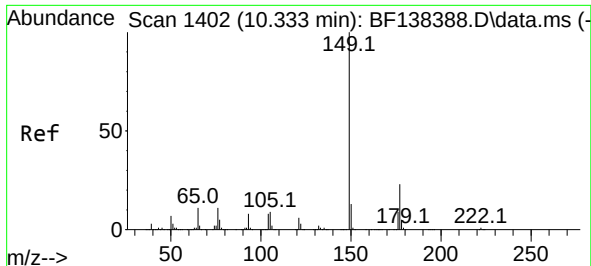
Delta R.T. 0.000 min

Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

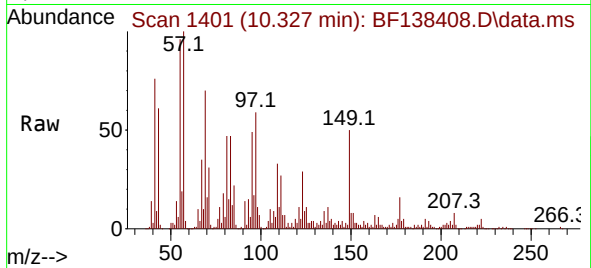
Tgt Ion:232	Resp:	16838
Ion Ratio	Lower	Upper
232	100	
131	73.9	36.6 55.0#
130	13.9	1.8 2.8#
166	33.1	24.0 36.0





#60
Diethylphthalate
Concen: 6.313 ng
RT: 10.327 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

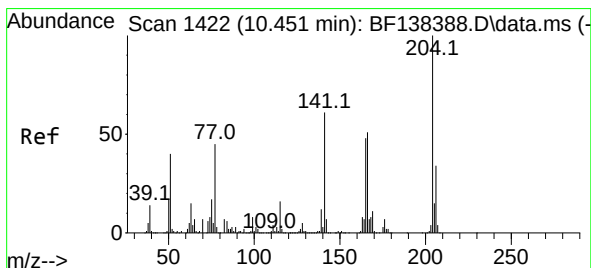
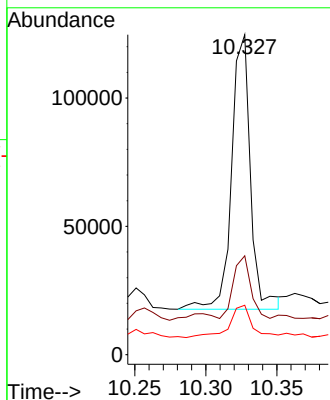
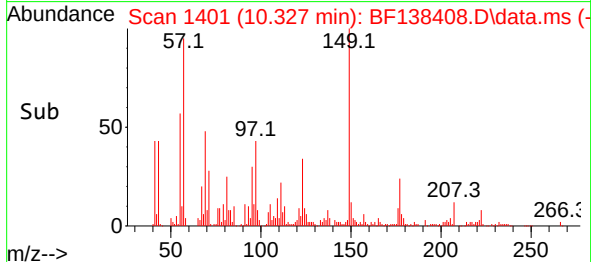
Instrument :
BNA_F
ClientSampleId :
VNJ-325MSD



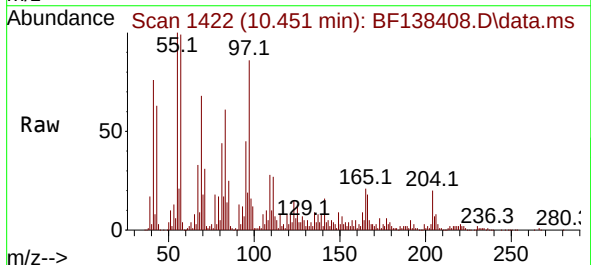
Tgt Ion:149 Resp: 99144
Ion Ratio Lower Upper
149 100
177 30.9 18.4 27.6
150 15.5 10.2 15.2

Manual Integrations
APPROVED

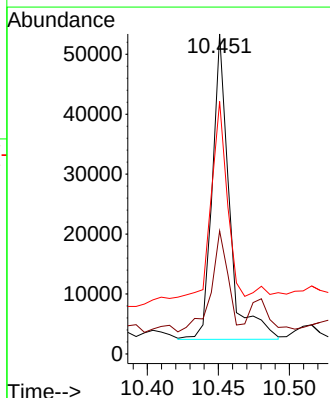
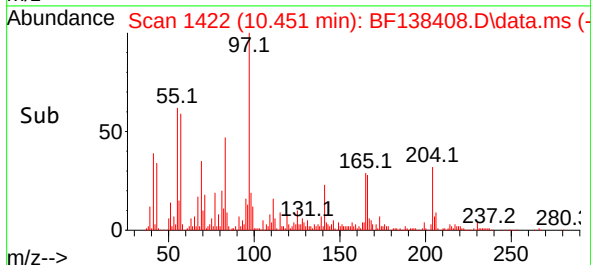
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024

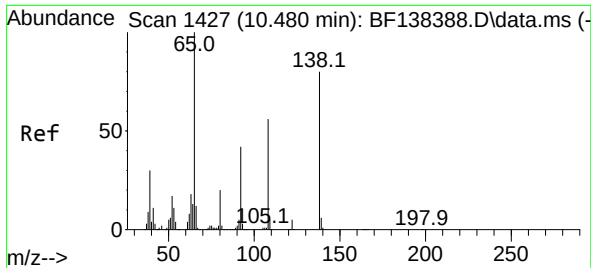


#61
4-Chlorophenyl-phenylether
Concen: 5.352 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35



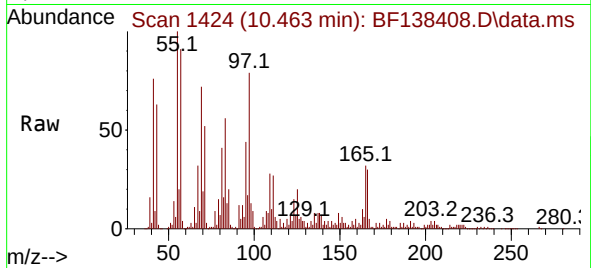
Tgt Ion:204 Resp: 42598
Ion Ratio Lower Upper
204 100
206 38.5 27.1 40.7
141 78.9 48.4 72.6





#62
4-Nitroaniline
Concen: 4.302 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.018 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

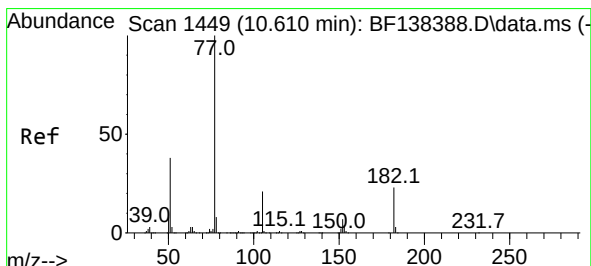
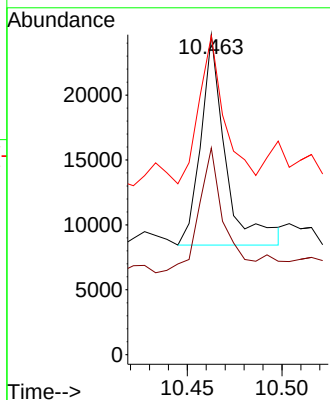
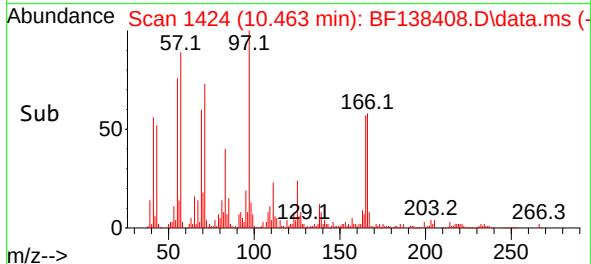
Instrument :
BNA_F
ClientSampleId :
VNJ-325MSD



Tgt Ion:138 Resp: 14672
Ion Ratio Lower Upper
138 100
92 64.6 32.6 72.6
108 99.7 50.3 90.3

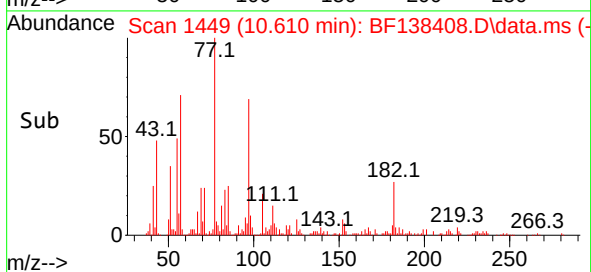
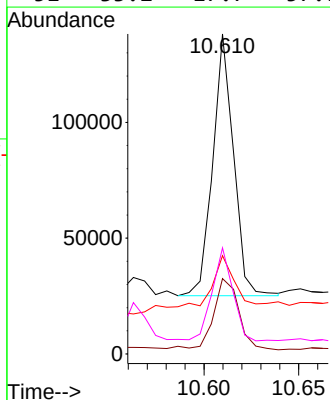
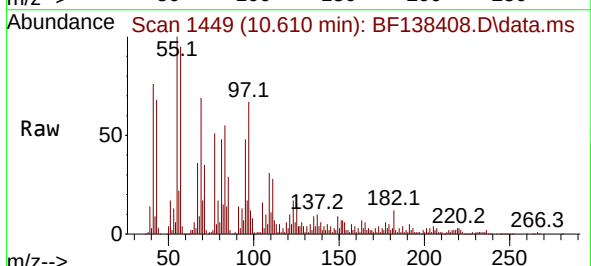
Manual Integrations
APPROVED

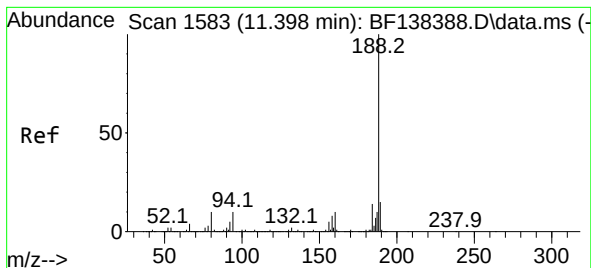
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#63
Azobenzene
Concen: 5.199 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion: 77 Resp: 86236
Ion Ratio Lower Upper
77 100
182 23.6 2.7 42.7
105 30.7 0.6 40.6
51 33.2 17.7 57.7





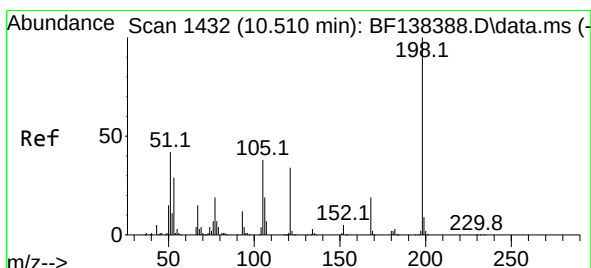
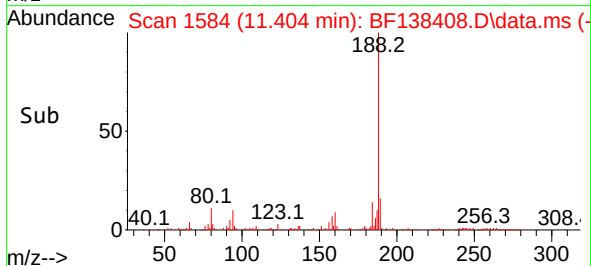
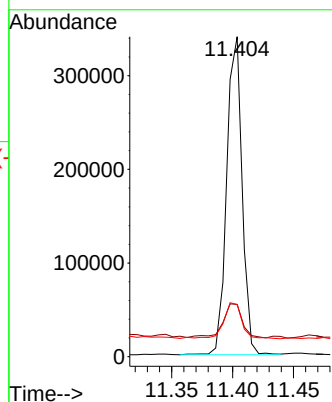
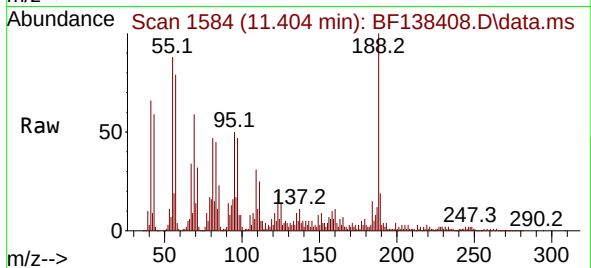
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Instrument :
BNA_F
ClientSampleId :
VNJ-325MSD

Tgt Ion:188 Resp: 299730
Ion Ratio Lower Upper
188 100
94 16.3 8.0 12.0#
80 16.3 8.2 12.4#

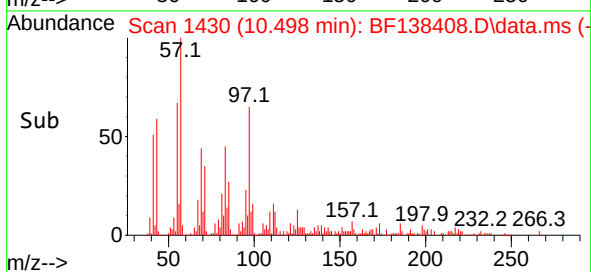
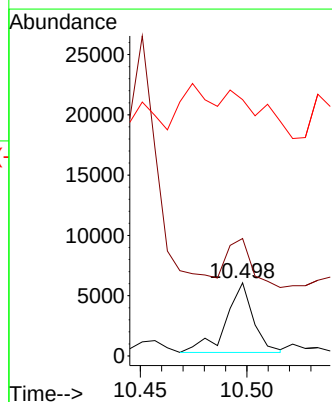
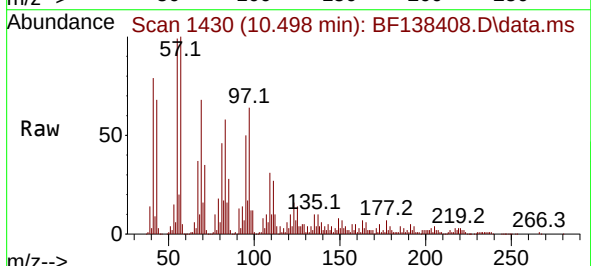
Manual Integrations
APPROVED

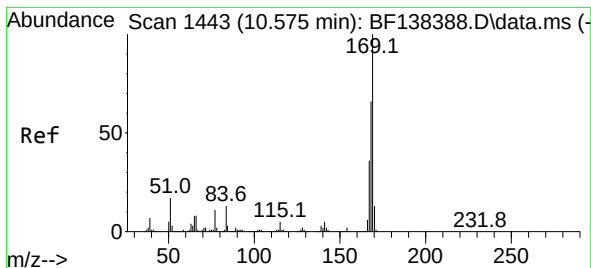
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#65
4,6-Dinitro-2-methylphenol
Concen: 8.630 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.012 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

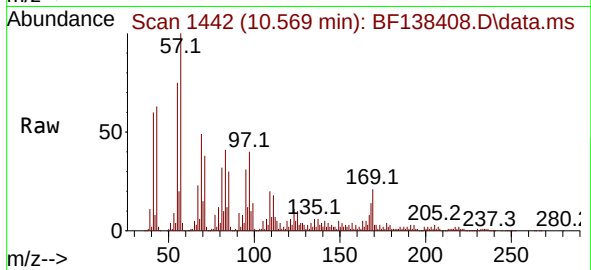
Tgt Ion:198 Resp: 5167
Ion Ratio Lower Upper
198 100
51 160.6 27.9 67.9#
105 350.5 18.2 58.2#





#66
n-Nitrosodiphenylamine
Concen: 7.463 ng
RT: 10.569 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

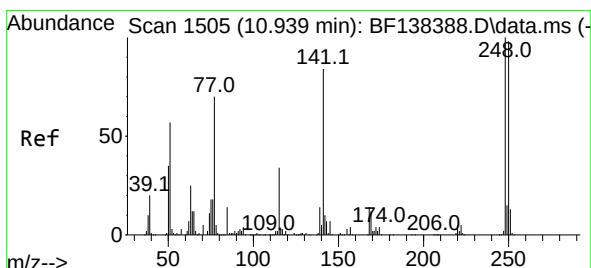
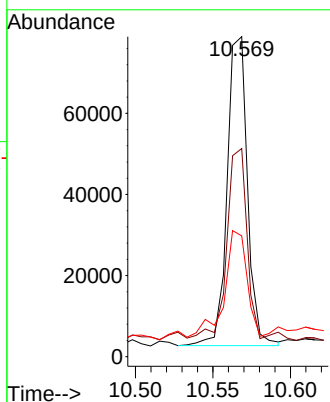
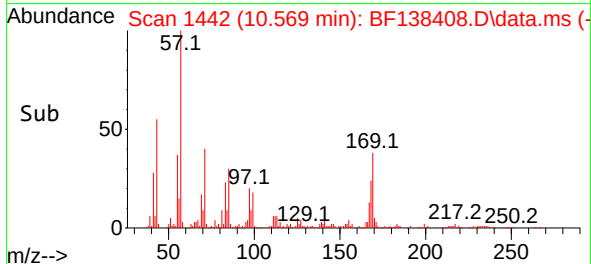
Instrument :
BNA_F
ClientSampleId :
VNJ-325MSD



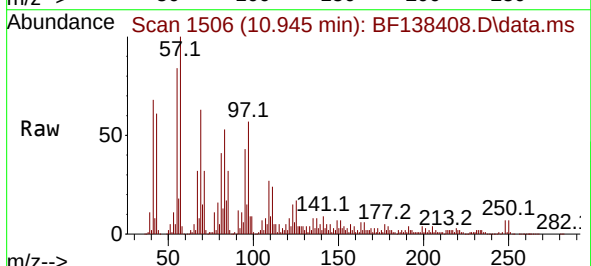
Tgt Ion:169 Resp: 69449
Ion Ratio Lower Upper
169 100
168 65.1 52.5 78.7
167 37.7 28.8 43.2

Manual Integrations
APPROVED

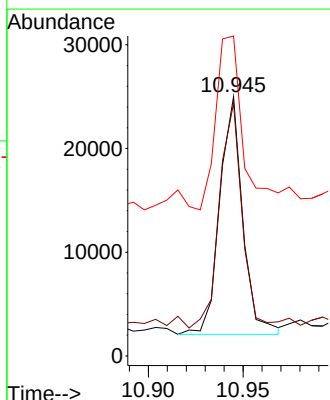
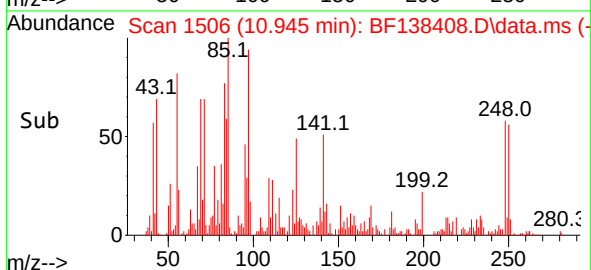
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024

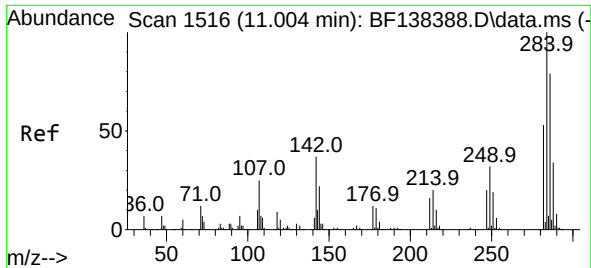


#67
4-Bromophenyl-phenylether
Concen: 6.029 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35



Tgt Ion:248 Resp: 19424
Ion Ratio Lower Upper
248 100
250 97.4 78.2 117.4
141 123.4 67.6 101.4#





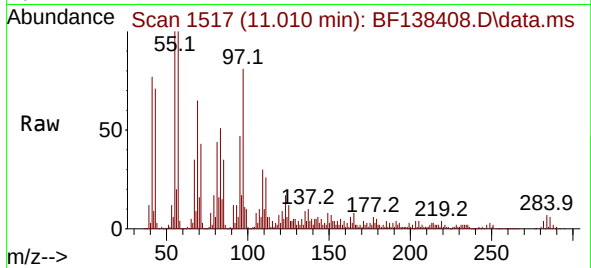
#68
Hexachlorobenzene
Concen: 5.133 ng
RT: 11.010 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Instrument :

BNA_F

ClientSampleId :

VNJ-325MSD

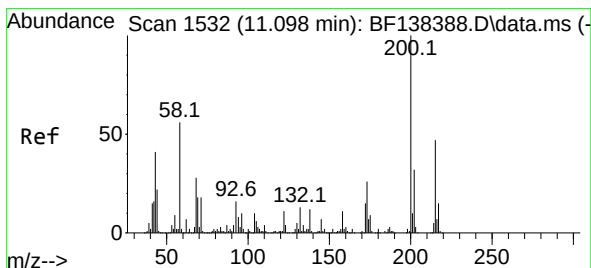
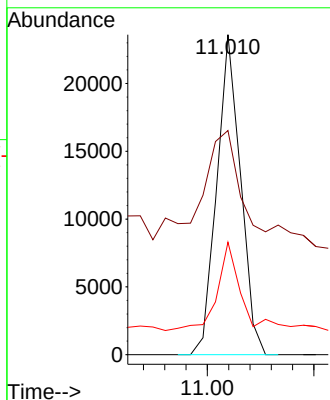
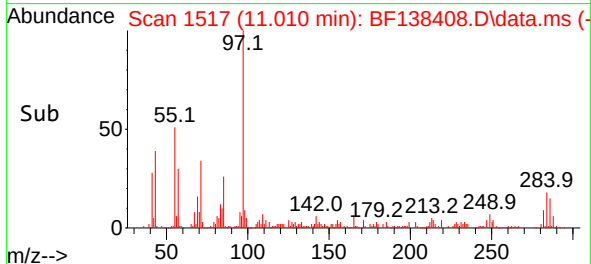


Tgt Ion:284 Resp: 18220
Ion Ratio Lower Upper
284 100
142 70.0 29.2 43.8
249 35.2 25.8 38.6

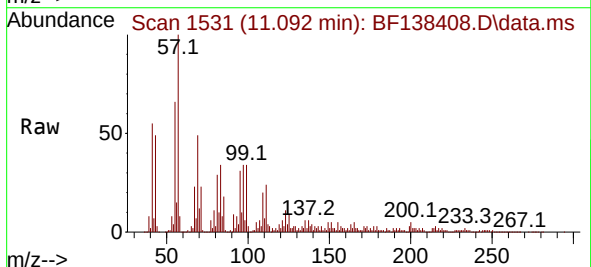
Manual Integrations

APPROVED

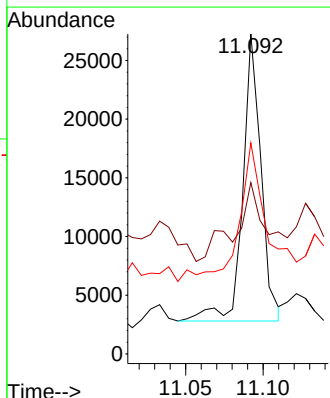
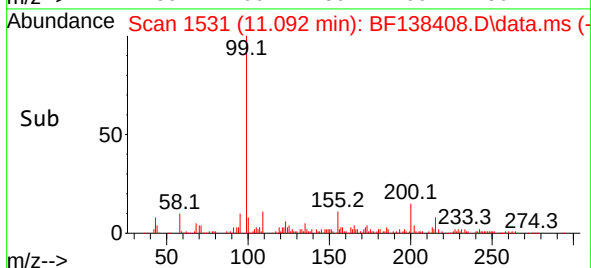
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024

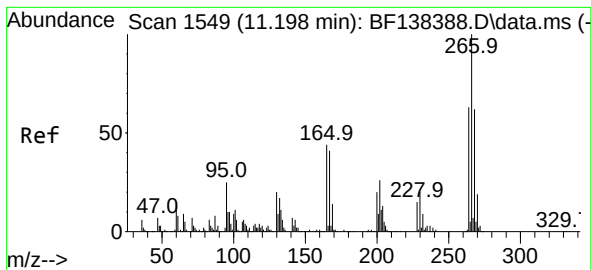


#69
Atrazine
Concen: 7.666 ng
RT: 11.092 min Scan# 1531
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35



Tgt Ion:200 Resp: 20001
Ion Ratio Lower Upper
200 100
173 53.5 6.2 46.2
215 66.0 27.4 67.4





#70

Pentachlorophenol

Concen: 7.458 ng

RT: 11.204 min Scan# 1550

Delta R.T. 0.006 min

Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

Instrument :

BNA_F

ClientSampleId :

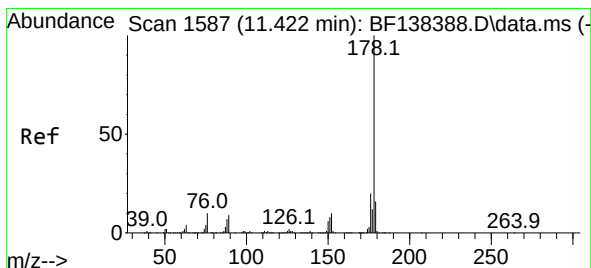
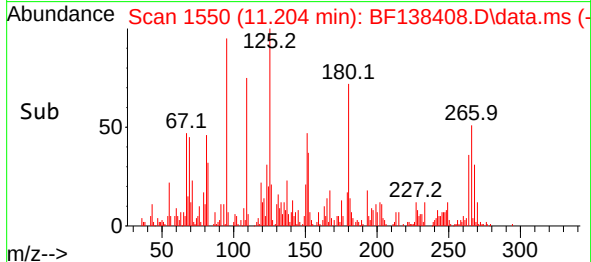
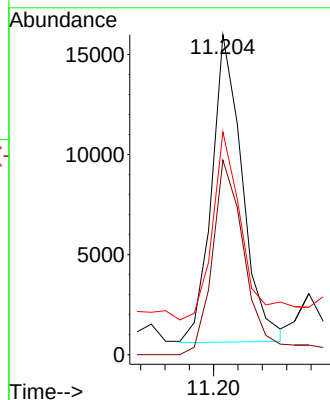
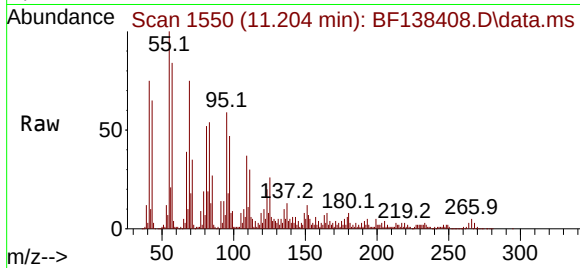
VNJ-325MSD

Tgt Ion:	266	Resp:	1344
Ion Ratio	Lower	Upper	
266	100		
268	60.8	49.9	74.9
264	69.6	50.0	75.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#71

Phenanthrene

Concen: 24.414 ng

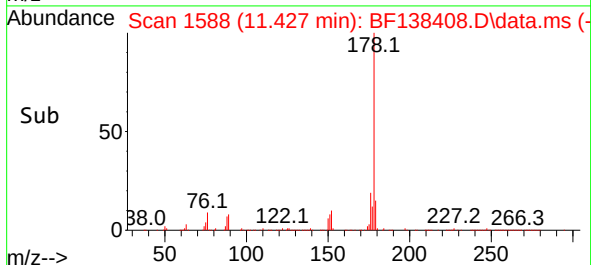
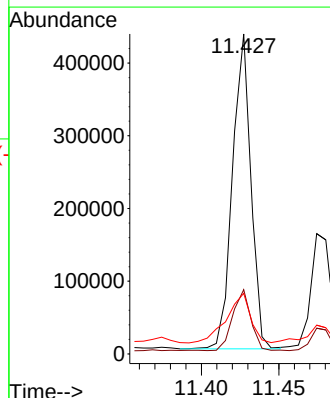
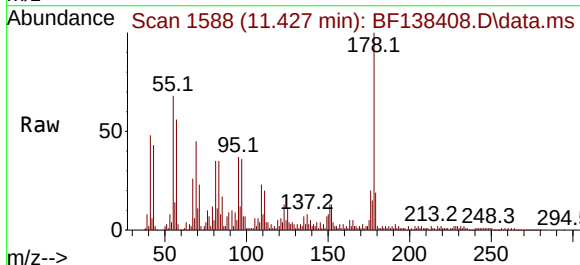
RT: 11.427 min Scan# 1588

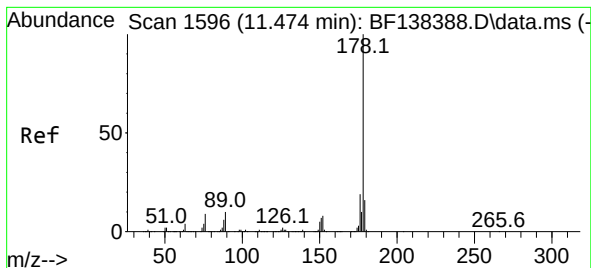
Delta R.T. 0.006 min

Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

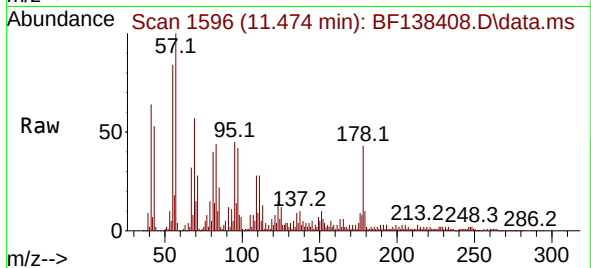
Tgt Ion:	178	Resp:	357281
Ion Ratio	Lower	Upper	
178	100		
176	20.1	16.1	24.1
179	18.9	12.6	18.8





#72
 Anthracene
 Concen: 10.250 ng m
 RT: 11.474 min Scan# 1596
 Delta R.T. 0.000 min
 Lab File: BF138408.D
 Acq: 01 Jul 2024 17:35

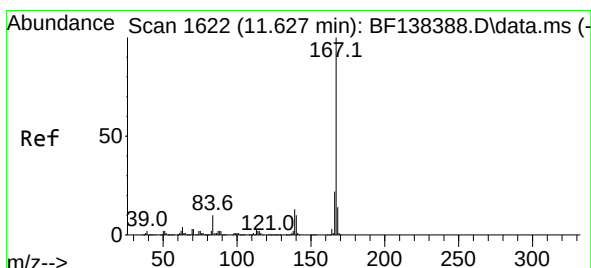
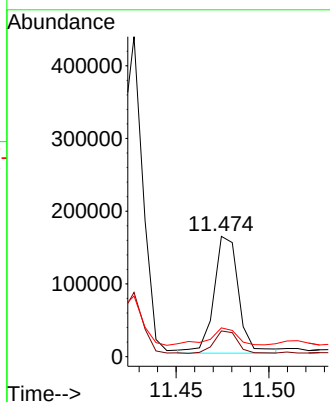
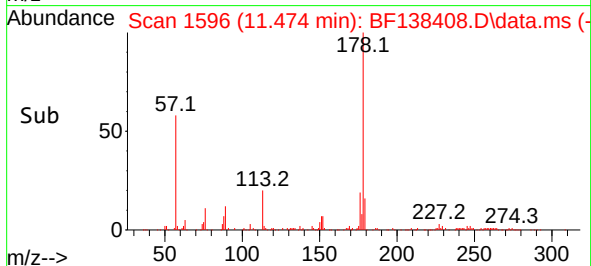
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-325MSD



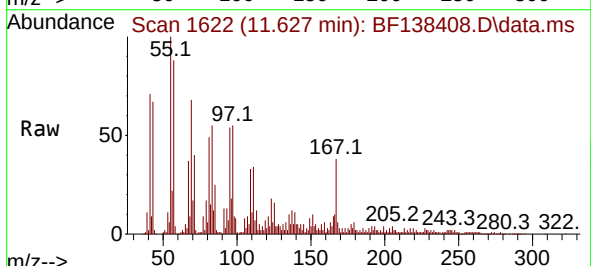
Tgt Ion:178 Resp: 149598
 Ion Ratio Lower Upper
 178 100
 176 21.4 15.0 22.6
 179 24.0 12.7 19.1

Manual Integrations
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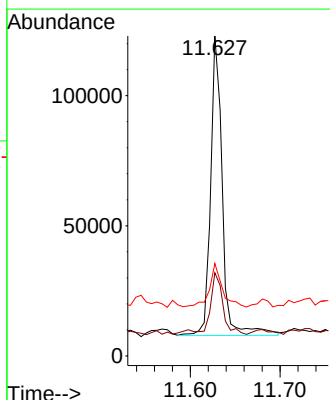
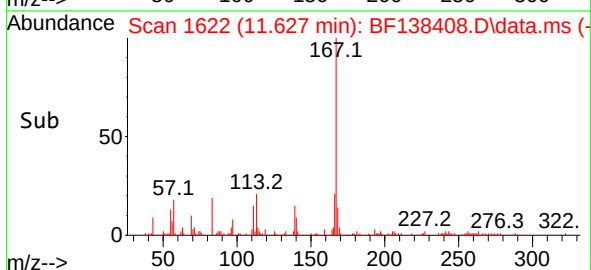
Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/03/2024

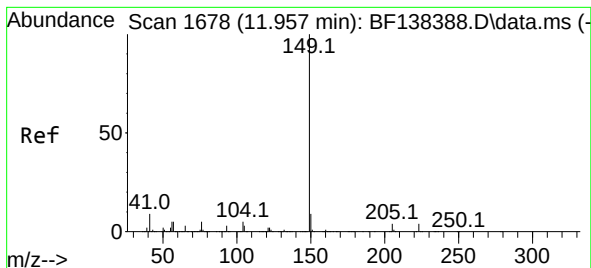


#73
 Carbazole
 Concen: 8.609 ng
 RT: 11.627 min Scan# 1622
 Delta R.T. -0.000 min
 Lab File: BF138408.D
 Acq: 01 Jul 2024 17:35



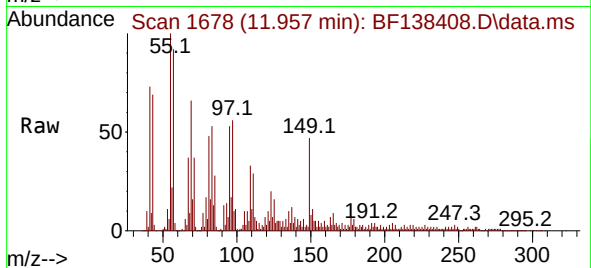
Tgt Ion:167 Resp: 104316
 Ion Ratio Lower Upper
 167 100
 166 26.0 17.7 26.5
 139 28.9 10.7 16.1





#74
Di-n-butylphthalate
Concen: 7.120 ng
RT: 11.957 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

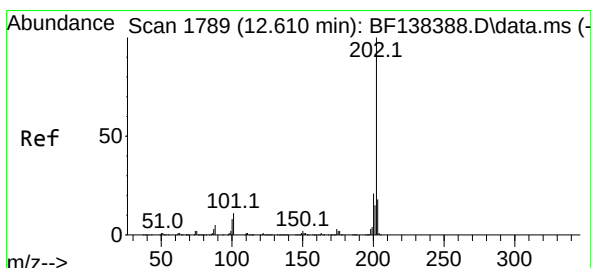
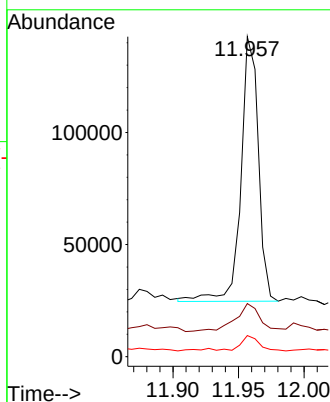
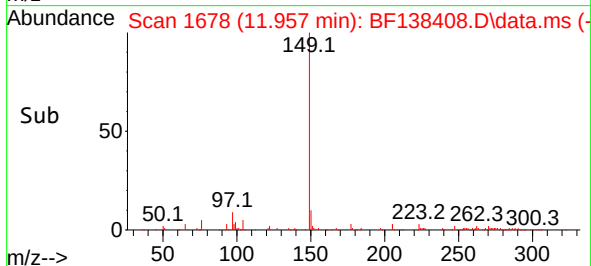
Instrument :
BNA_F
ClientSampleId :
VNJ-325MSD



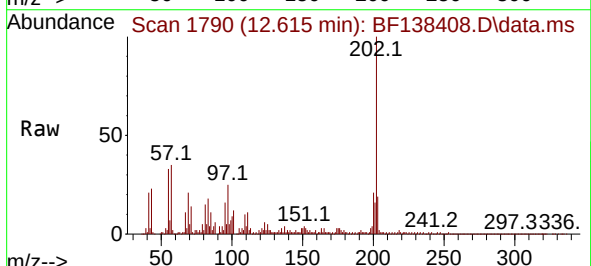
Tgt Ion:149 Resp: 109330
Ion Ratio Lower Upper
149 100
150 16.6 7.4 11.2
104 6.6 3.8 5.8

Manual Integrations
APPROVED

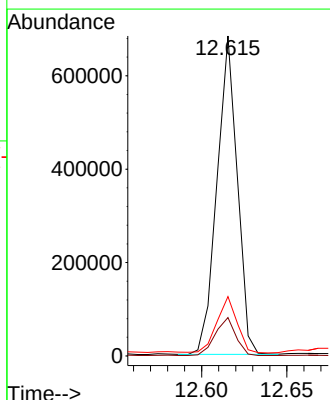
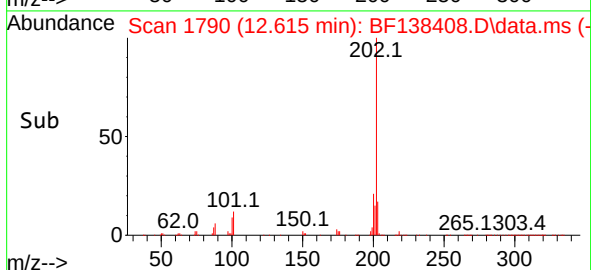
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024

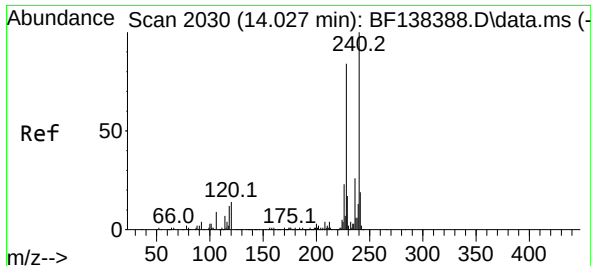


#75
Fluoranthene
Concen: 43.053 ng
RT: 12.615 min Scan# 1790
Delta R.T. 0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35



Tgt Ion:202 Resp: 564854
Ion Ratio Lower Upper
202 100
101 12.0 0.0 30.5
203 18.5 0.0 37.6





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Instrument :

BNA_F

ClientSampleId :

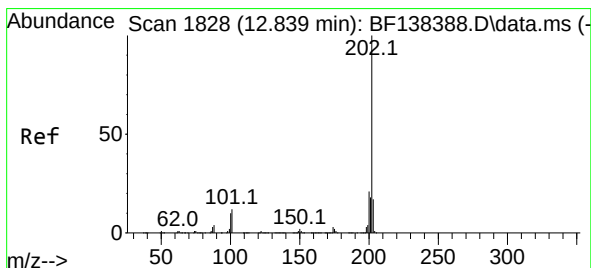
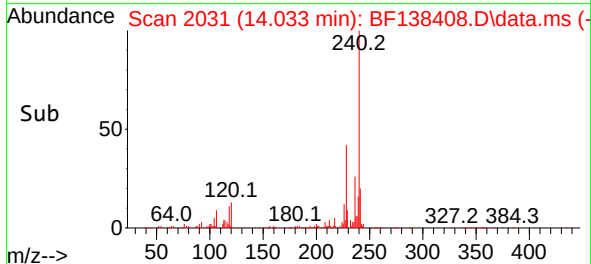
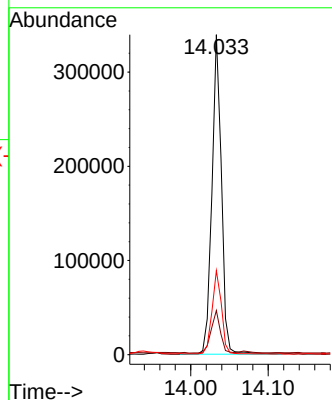
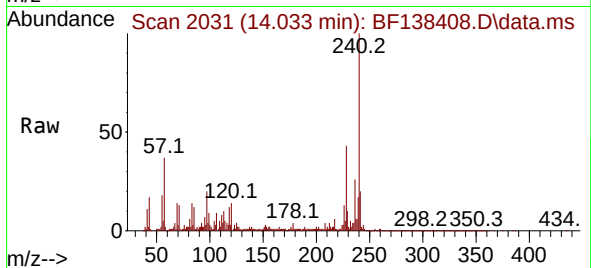
VNJ-325MSD

Tgt Ion:240 Resp: 288909
Ion Ratio Lower Upper
240 100
120 13.8 10.9 16.3
236 26.3 20.6 30.8

Manual Integrations

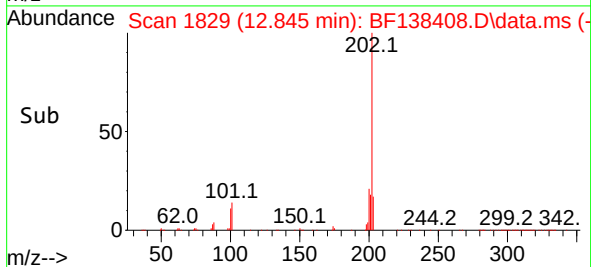
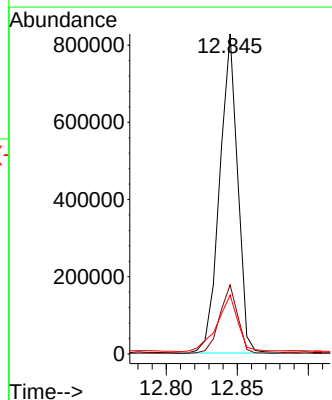
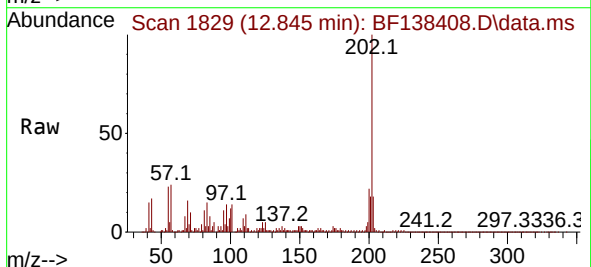
APPROVED

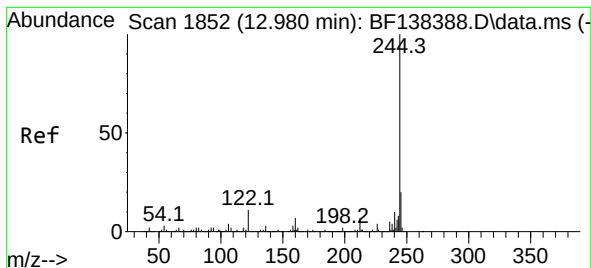
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#78
Pyrene
Concen: 23.558 ng
RT: 12.845 min Scan# 1829
Delta R.T. 0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion:202 Resp: 727443
Ion Ratio Lower Upper
202 100
200 21.6 16.9 25.3
203 18.4 13.8 20.8





#79

Terphenyl-d14

Concen: 5.078 ng

RT: 12.980 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

Instrument :

BNA_F

ClientSampleId :

VNJ-325MSD

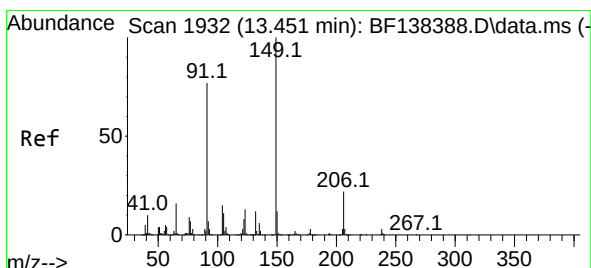
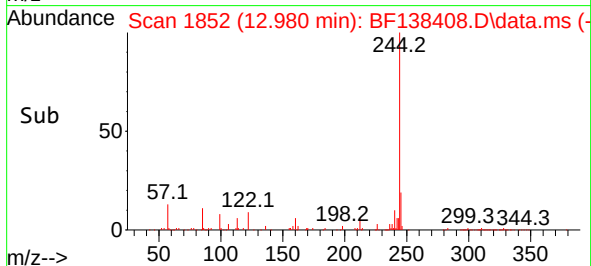
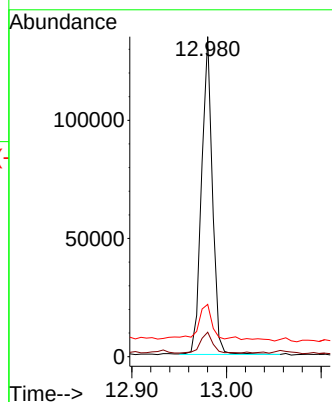
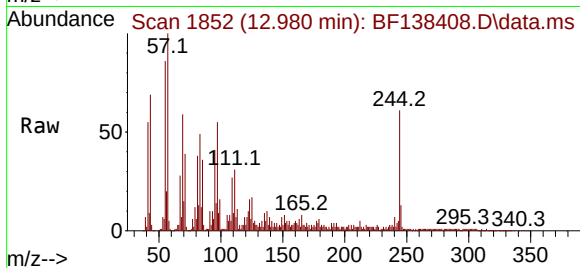
Tgt Ion:244 Resp: 107054

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.6	8.4
122	16.3	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#80

Butylbenzylphthalate

Concen: 4.542 ng

RT: 13.451 min Scan# 1932

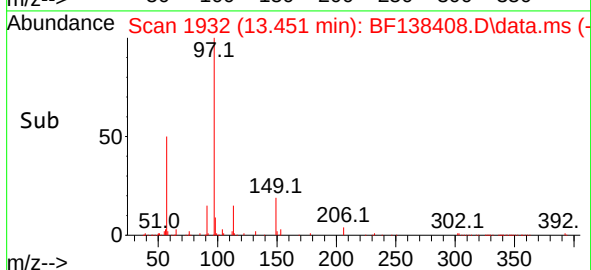
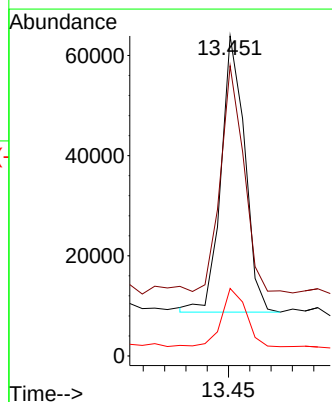
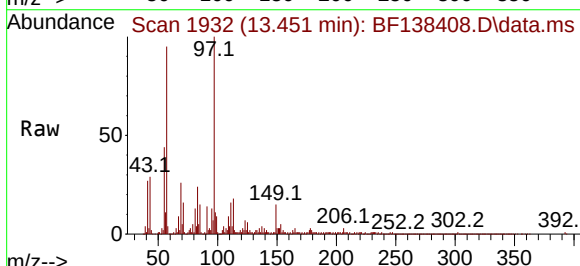
Delta R.T. -0.000 min

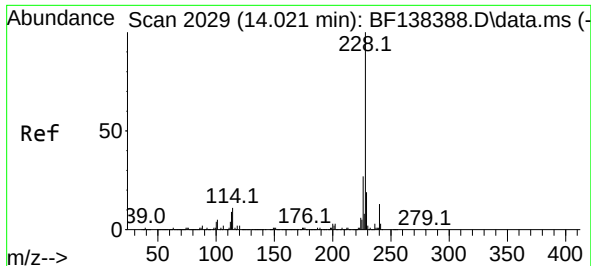
Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

Tgt Ion:149 Resp: 42677

Ion	Ratio	Lower	Upper
149	100		
91	90.7	62.0	93.0
206	21.1	17.6	26.4





#81
Benzo(a)anthracene
Concen: 28.277 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Instrument :

BNA_F

ClientSampleId :

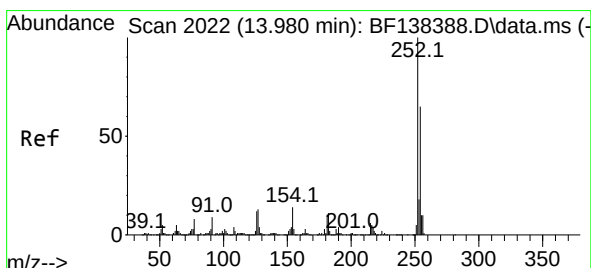
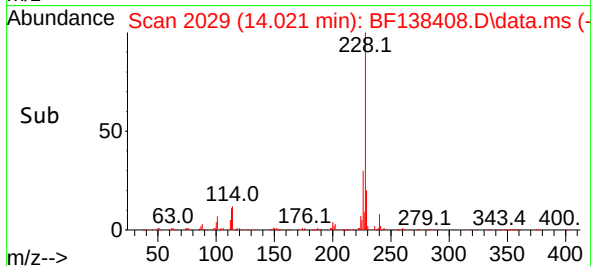
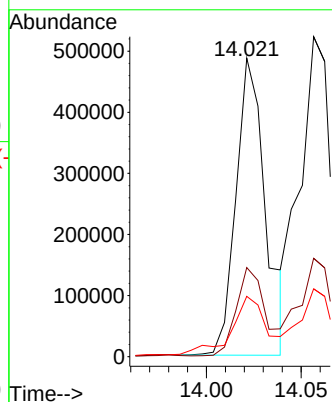
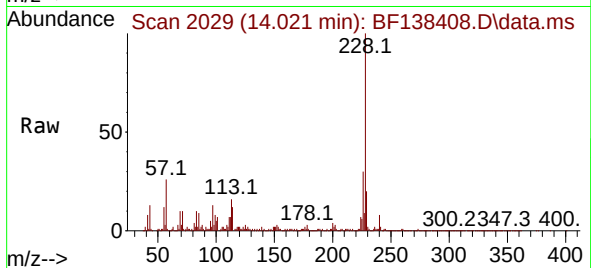
VNJ-325MSD

Tgt Ion:228 Resp: 52583
Ion Ratio Lower Upper
228 100
226 29.8 21.7 32.5
229 20.2 15.5 23.3

Manual Integrations

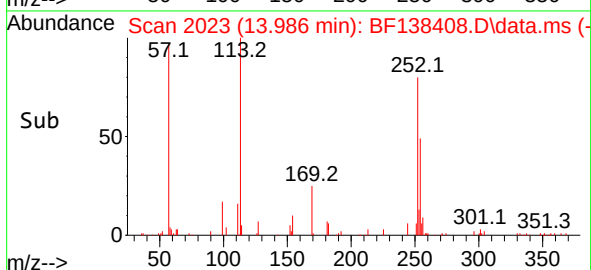
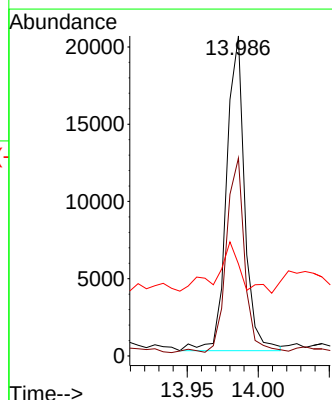
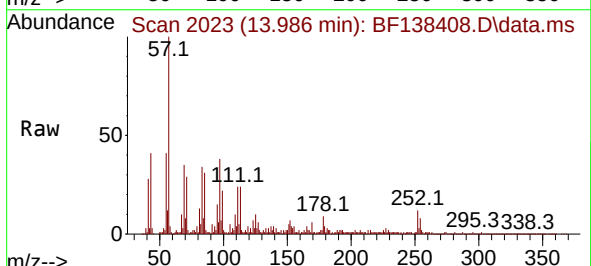
APPROVED

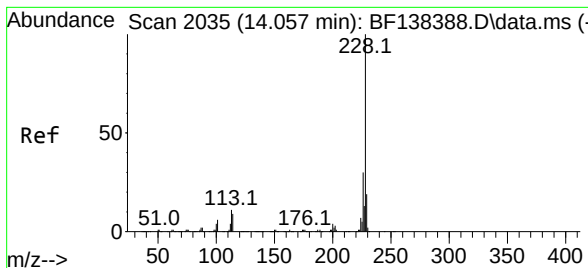
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#82
3,3'-Dichlorobenzidine
Concen: 3.287 ng
RT: 13.986 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion:252 Resp: 18047
Ion Ratio Lower Upper
252 100
254 61.8 51.8 77.6
126 28.7 9.5 14.3





#83

Chrysene

Concen: 32.368 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

Instrument :

BNA_F

ClientSampleId :

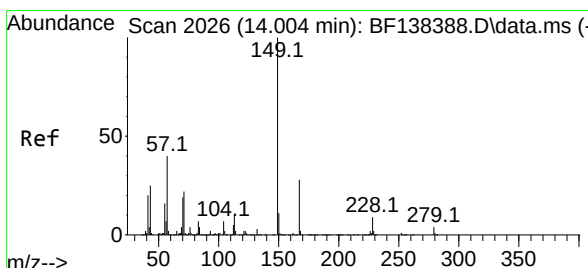
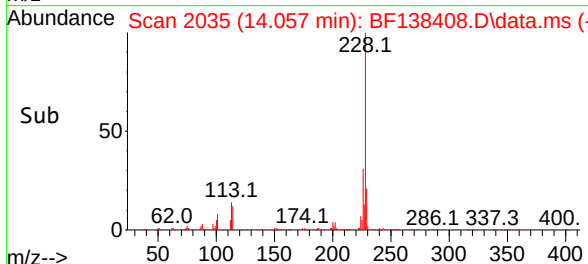
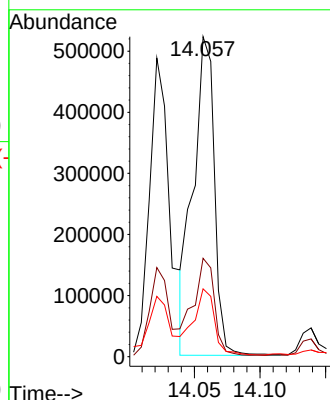
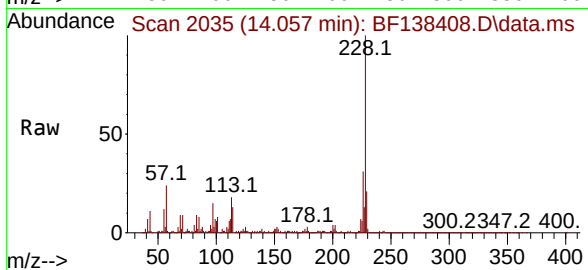
VNJ-325MSD

Tgt Ion:228 Resp: 585684
 Ion Ratio Lower Upper
 228 100
 226 30.8 23.8 35.6
 229 21.2 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/03/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.129 ng

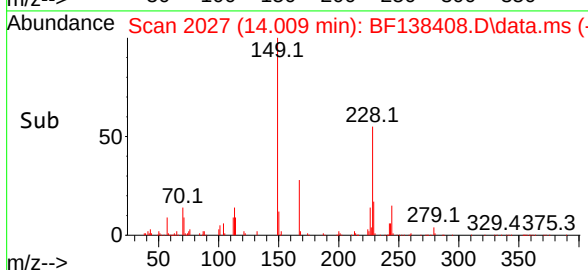
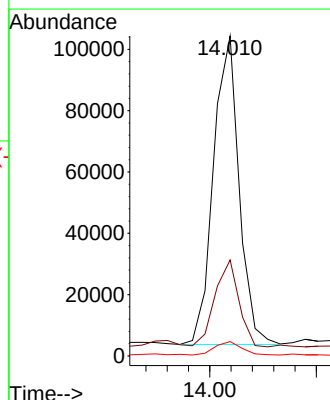
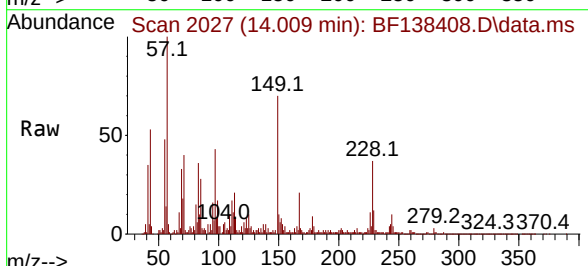
RT: 14.009 min Scan# 2027

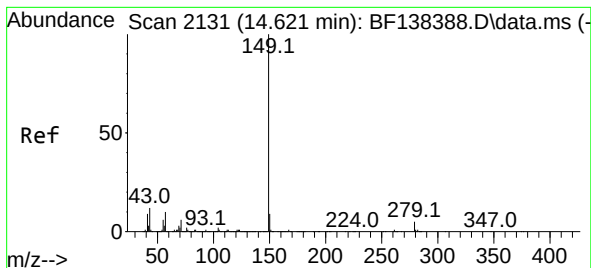
Delta R.T. 0.006 min

Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

Tgt Ion:149 Resp: 84006
 Ion Ratio Lower Upper
 149 100
 167 30.0 22.6 33.8
 279 4.5 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 6.670 ng

RT: 14.621 min Scan# 2131

Delta R.T. -0.000 min

Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

Instrument :

BNA_F

ClientSampleId :

VNJ-325MSD

Tgt Ion:149 Resp: 137564

Ion Ratio Lower Upper

149 100

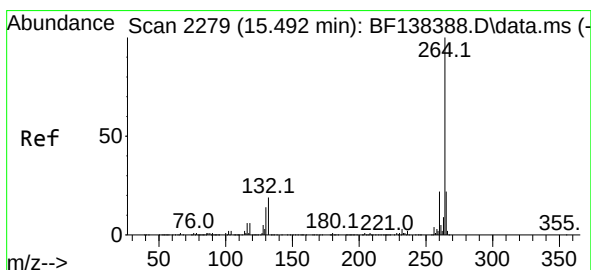
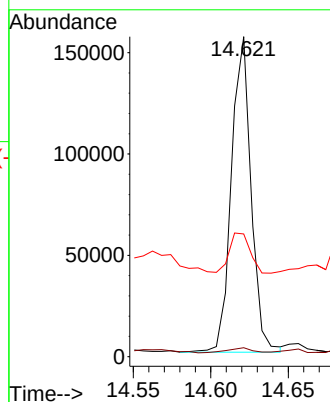
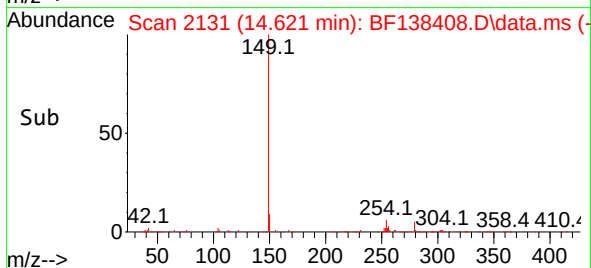
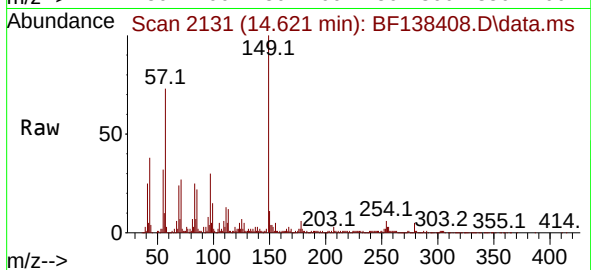
167 2.1 1.3 1.9

43 13.2 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2280

Delta R.T. 0.006 min

Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

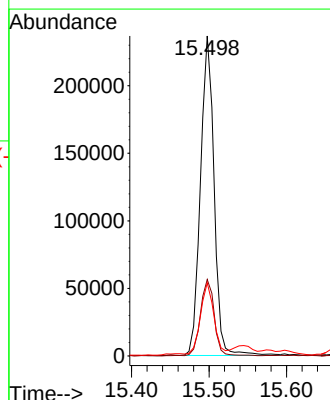
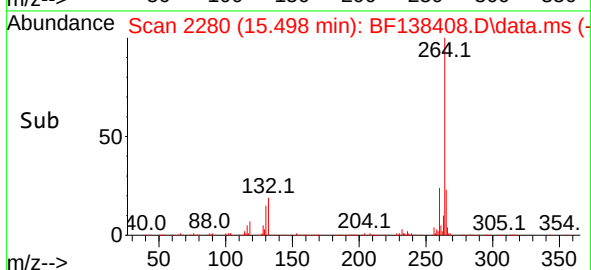
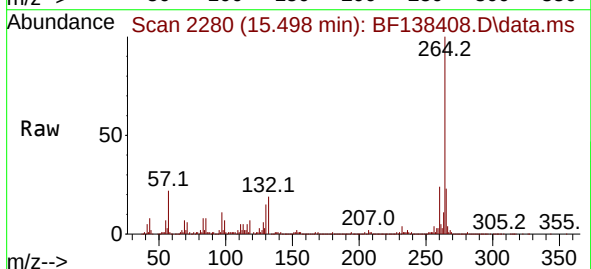
Tgt Ion:264 Resp: 289056

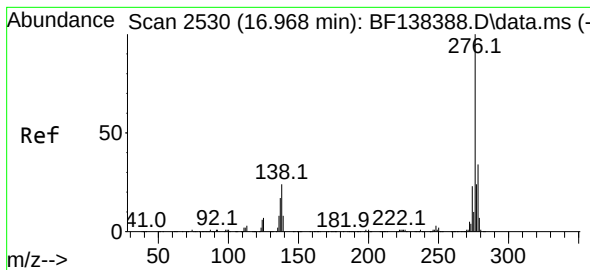
Ion Ratio Lower Upper

264 100

260 23.9 17.8 26.6

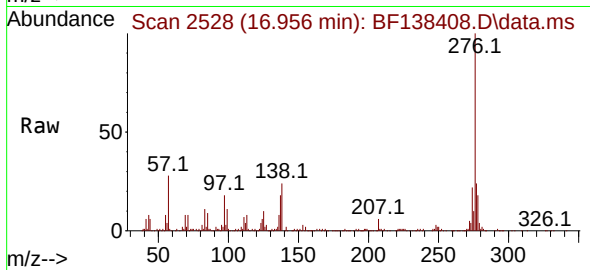
265 22.8 17.5 26.3





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 12.594 ng
 RT: 16.956 min Scan# 2528
 Delta R.T. -0.012 min
 Lab File: BF138408.D
 Acq: 01 Jul 2024 17:35

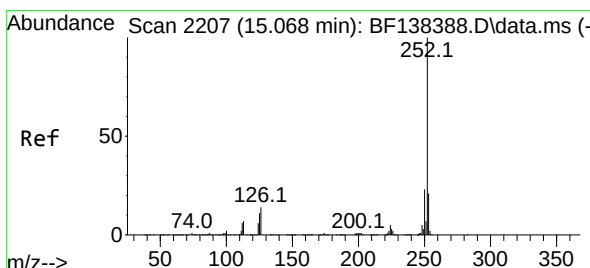
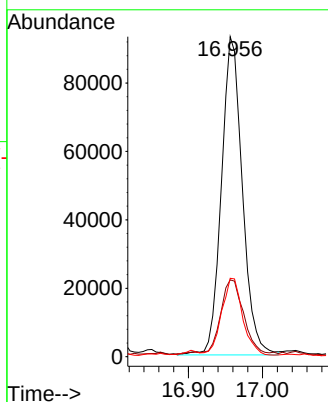
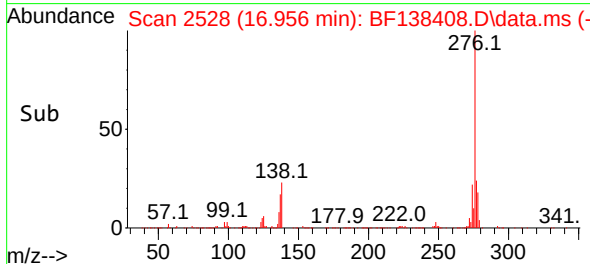
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-325MSD



Tgt Ion:276 Resp: 182910
 Ion Ratio Lower Upper
 276 100
 138 26.7 22.1 33.1
 277 24.3 20.4 30.6

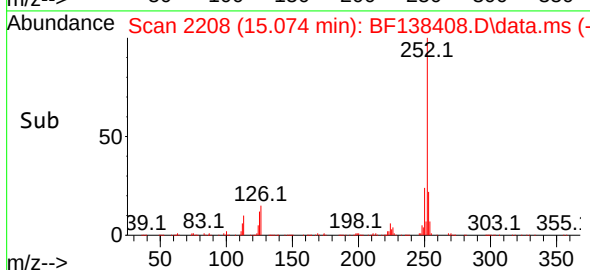
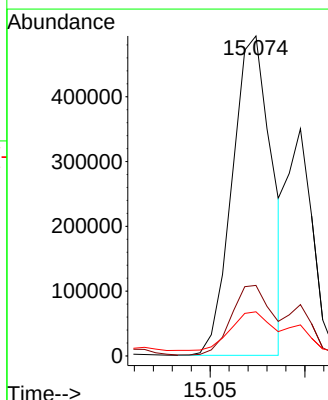
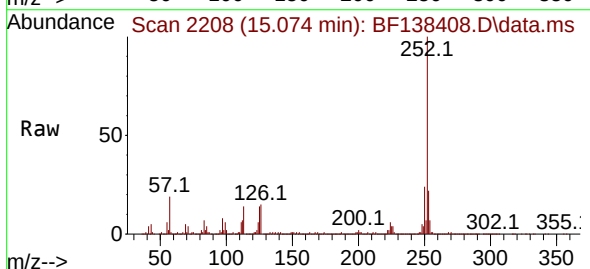
Manual Integrations
 APPROVED

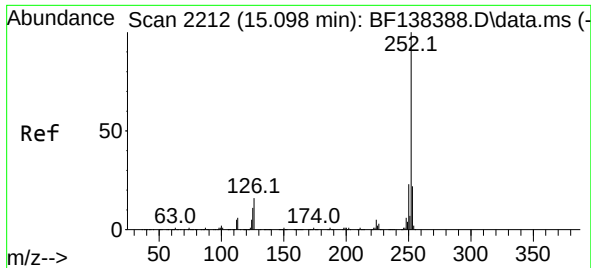
Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/03/2024



#88
 Benzo(b)fluoranthene
 Concen: 44.733 ng
 RT: 15.074 min Scan# 2208
 Delta R.T. 0.006 min
 Lab File: BF138408.D
 Acq: 01 Jul 2024 17:35

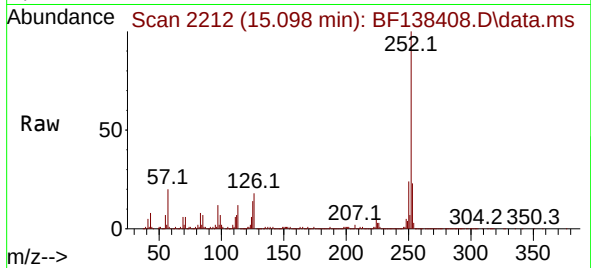
Tgt Ion:252 Resp: 709440
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.0 25.4
 125 13.8 8.6 12.8#





#89
Benzo(k)fluoranthene
Concen: 22.644 ng m
RT: 15.098 min Scan# 2212
Delta R.T. -0.000 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

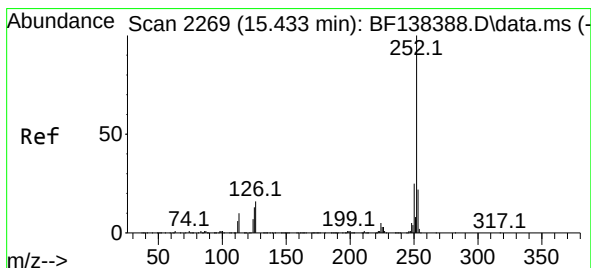
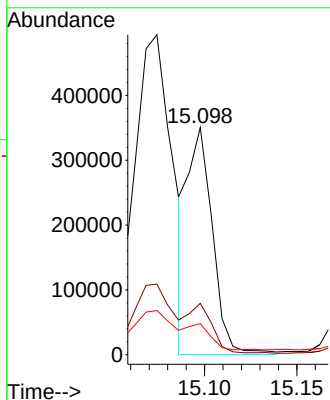
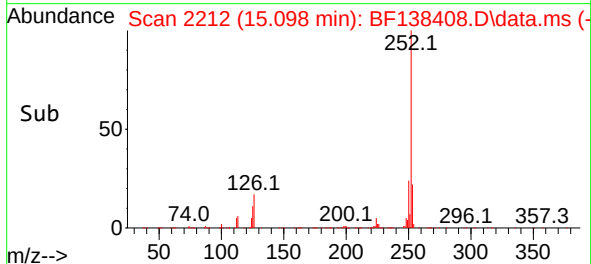
Instrument :
BNA_F
ClientSampleId :
VNJ-325MSD



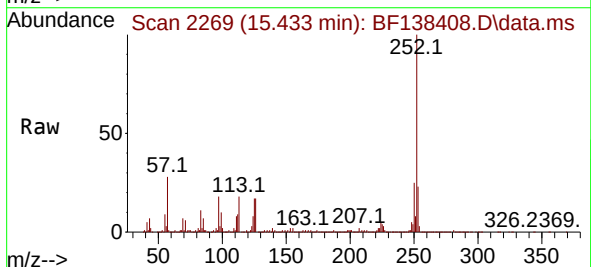
Tgt Ion:252 Resp: 330770
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 13.7 8.7 13.1

Manual Integrations
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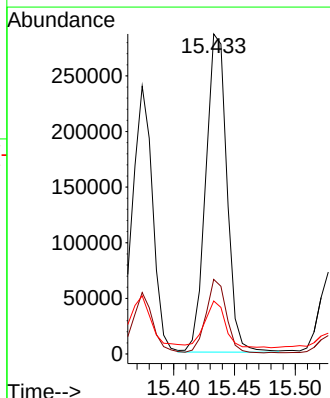
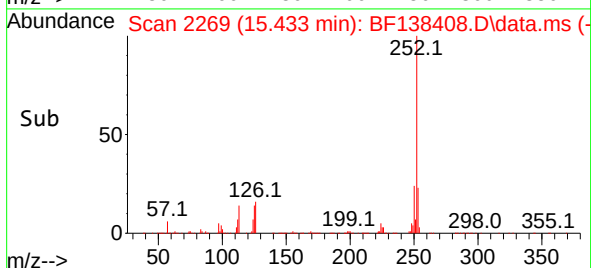
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024

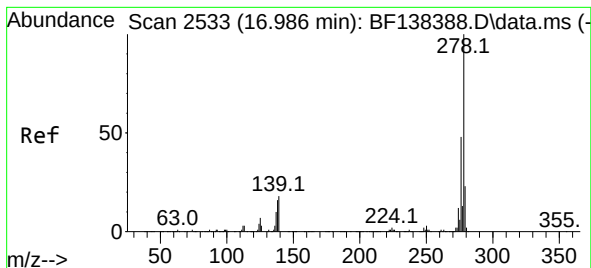


#90
Benzo(a)pyrene
Concen: 24.913 ng
RT: 15.433 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35



Tgt Ion:252 Resp: 346317
Ion Ratio Lower Upper
252 100
253 23.3 17.6 26.4
125 16.5 10.2 15.2





#91

Dibenzo(a,h)anthracene

Concen: 7.553 ng

RT: 16.974 min Scan# 2531

Delta R.T. -0.012 min

Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

Instrument :

BNA_F

ClientSampleId :

VNJ-325MSD

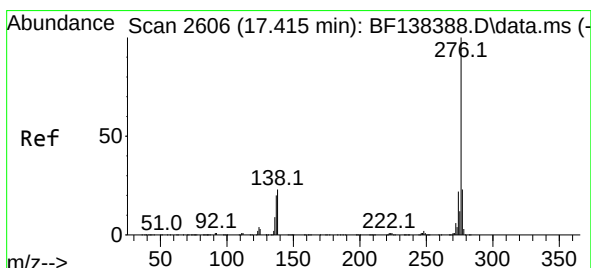
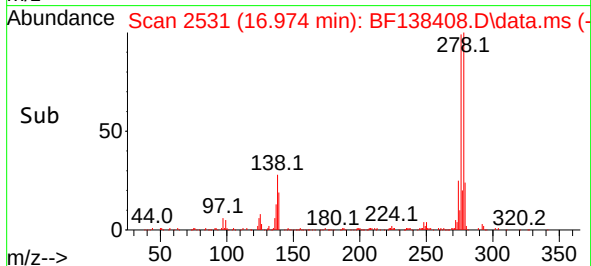
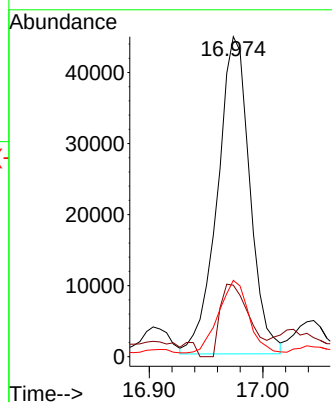
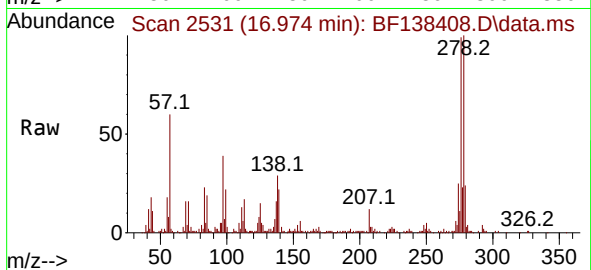
Tgt Ion: 278 Resp: 8854

Ion	Ratio	Lower	Upper
278	100		
139	22.4	14.3	21.5
279	23.8	18.5	27.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#92

Benzo(g,h,i)perylene

Concen: 12.212 ng

RT: 17.403 min Scan# 2604

Delta R.T. -0.012 min

Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

Tgt Ion: 276 Resp: 140052

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.3	27.5
138	23.1	18.3	27.5

