

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
 Data File : BF136577.D
 Acq On : 14 Dec 2023 19:51
 Operator : CG\JU
 Sample : 05629-03MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-216MS

Quant Time: Dec 15 00:37:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/15/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	102528	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	391564	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	184145	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	307556	20.000	ng	0.00
76) Chrysene-d12	13.968	240	221979	20.000	ng	0.00
86) Perylene-d12	15.445	264	243724	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	783728	112.889	ng	0.03
7) Phenol-d6	6.445	99	885936	102.281	ng	0.01
23) Nitrobenzene-d5	7.357	82	611244	84.390	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	269499	118.695	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1222066	90.554	ng	0.00
79) Terphenyl-d14	12.910	244	1087278	64.559	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	101843	37.089	ng	# 85
3) Pyridine	3.475	79	176542	26.548	ng	93
4) n-Nitrosodimethylamine	3.404	42	116705	40.395	ng	97
6) Aniline	6.457	93	101584	11.605	ng	# 1
8) 2-Chlorophenol	6.581	128	311735	41.131	ng	99
10) Phenol	6.457	94	314010	34.069	ng	98
11) bis(2-Chloroethyl)ether	6.534	93	282613	41.136	ng	96
12) 1,3-Dichlorobenzene	6.734	146	321655	37.738	ng	98
13) 1,4-Dichlorobenzene	6.810	146	333783	38.604	ng	98
14) 1,2-Dichlorobenzene	6.957	146	312014	38.375	ng	98
15) Benzyl Alcohol	6.939	79	234639	40.454	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	332058	37.580	ng	85
17) 2-Methylphenol	7.057	107	236272	38.587	ng	# 93
18) Hexachloroethane	7.298	117	115031	38.106	ng	94
19) n-Nitroso-di-n-propyla...	7.204	70	199892	40.006	ng	99
20) 3+4-Methylphenols	7.210	107	293235	38.582	ng	# 65
22) Acetophenone	7.198	105	435861	45.077	ng	# 95
24) Nitrobenzene	7.375	77	298557	40.975	ng	94
25) Isophorone	7.610	82	544380	41.834	ng	99
26) 2-Nitrophenol	7.686	139	162805	45.449	ng	94
27) 2,4-Dimethylphenol	7.734	122	226984	51.389	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	343677	42.980	ng	98
29) 2,4-Dichlorophenol	7.934	162	245332	42.080	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	280996	41.333	ng	97
31) Naphthalene	8.092	128	1233865	57.141	ng	99
32) Benzoic acid	7.857	122	136743	31.208	ng	95
33) 4-Chloroaniline	8.139	127	25122	3.263	ng	94
34) Hexachlorobutadiene	8.204	225	166442	41.311	ng	98
35) Caprolactam	8.510	113	60121m	33.486	ng	
36) 4-Chloro-3-methylphenol	8.639	107	237703	38.399	ng	96
37) 2-Methylnaphthalene	8.781	142	592849	43.156	ng	94
38) 1-Methylnaphthalene	8.881	142	557389	41.349	ng	97
40) 1,2,4,5-Tetrachloroben...	8.945	216	275627	48.111	ng	100
41) Hexachlorocyclopentadiene	8.933	237	229362	108.065	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	166683	44.683	ng	97
44) 2,4,5-Trichlorophenol	9.110	196	172065	41.328	ng	98

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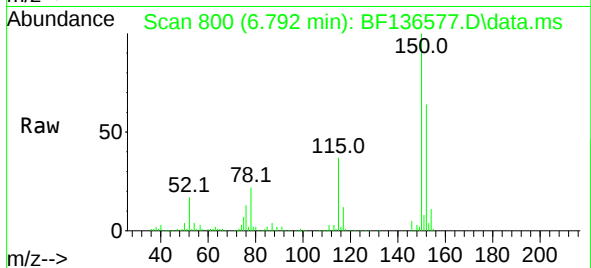
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.245	154	740394	47.253	ng	97
47) 2-Chloronaphthalene	9.269	162	537356	44.062	ng	97
48) 2-Nitroaniline	9.369	65	135483	41.421	ng	98
49) Acenaphthylene	9.686	152	796045	45.822	ng	98
50) Dimethylphthalate	9.551	163	612897	45.208	ng	99
51) 2,6-Dinitrotoluene	9.616	165	133051	43.623	ng	91
52) Acenaphthene	9.857	154	499695	44.886	ng	96
53) 3-Nitroaniline	9.780	138	42061	13.504	ng	97
54) 2,4-Dinitrophenol	9.892	184	94614	61.354	ng	92
55) Dibenzofuran	10.033	168	723723	44.500	ng	99
56) 4-Nitrophenol	9.963	139	163584	70.062	ng	94
57) 2,4-Dinitrotoluene	10.022	165	167293	41.462	ng	97
58) Fluorene	10.375	166	571311	43.762	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	137740	41.302	ng	99
60) Diethylphthalate	10.251	149	561295	42.103	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	270245	42.463	ng	96
62) 4-Nitroaniline	10.398	138	106896	34.565	ng	93
63) Azobenzene	10.527	77	484514	39.929	ng	98
65) 4,6-Dinitro-2-methylph...	10.427	198	71062	37.308	ng	89
66) n-Nitrosodiphenylamine	10.492	169	459343	46.545	ng	97
67) 4-Bromophenyl-phenylether	10.857	248	164242	45.931	ng	# 90
68) Hexachlorobenzene	10.922	284	185349	44.848	ng	96
69) Atrazine	11.022	200	105525	37.464	ng	97
70) Pentachlorophenol	11.122	266	196247	84.136	ng	98
71) Phenanthrene	11.339	178	799171	47.275	ng	98
72) Anthracene	11.392	178	775148	45.526	ng	98
73) Carbazole	11.551	167	683523	45.357	ng	98
74) Di-n-butylphthalate	11.886	149	837851	45.352	ng	99
75) Fluoranthene	12.533	202	785206	44.324	ng	99
77) Benzidine	12.657	184	80601	22.203	ng	97
78) Pyrene	12.763	202	794725	36.556	ng	98
80) Butylbenzylphthalate	13.392	149	325642	42.078	ng	99
81) Benzo(a)anthracene	13.957	228	686625	44.407	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	122417	28.237	ng	96
83) Chrysene	13.992	228	660433	43.413	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	433240	45.666	ng	98
85) Di-n-octyl phthalate	14.568	149	749179	53.461	ng	98
87) Indeno(1,2,3-cd)pyrene	16.951	276	708684	41.855	ng	99
88) Benzo(b)fluoranthene	15.010	252	720462	43.235	ng	99
89) Benzo(k)fluoranthene	15.045	252	645123	41.079	ng	99
90) Benzo(a)pyrene	15.380	252	613724	44.596	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	591014	42.607	ng	99
92) Benzo(g,h,i)perylene	17.404	276	531708	37.345	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 80
Delta R.T. 0.005 min
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Acq: 14 Dec 2023 19:51

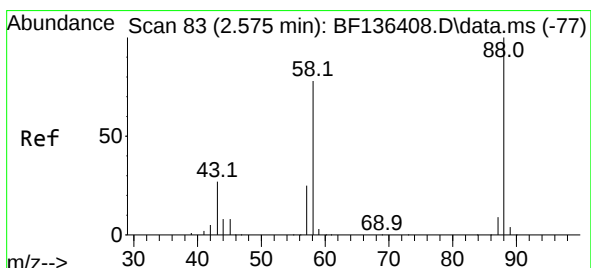
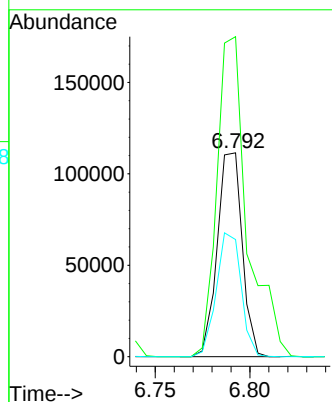
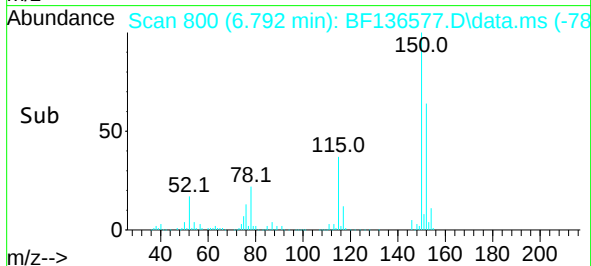
Instrument :
BNA_F
ClientSampleId :
VNJ-216MS



Tgt Ion:152 Resp: 102528
Ion Ratio Lower Upper
152 100
150 157.0 126.4 189.6
115 57.5 48.2 72.4

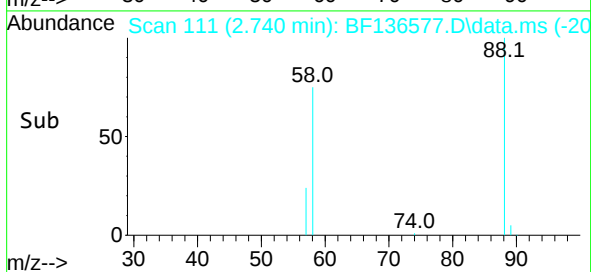
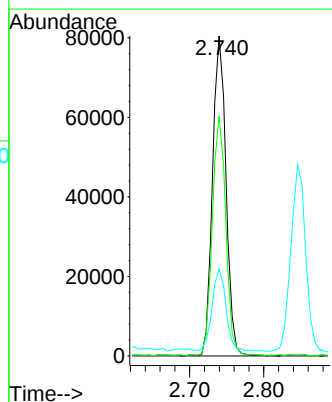
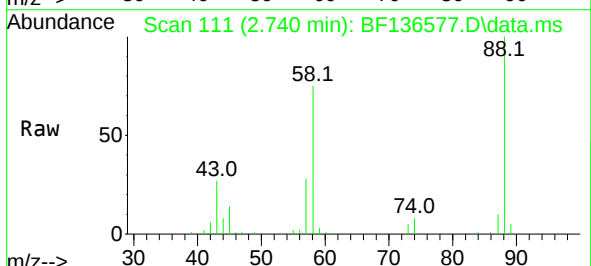
Manual Integrations
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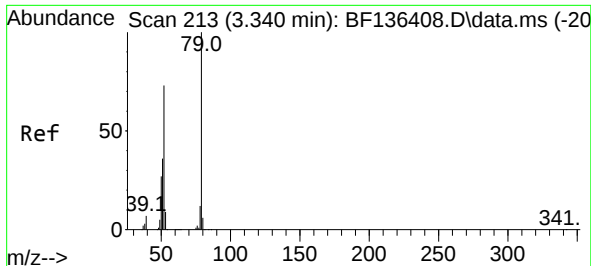
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#2
1,4-Dioxane
Concen: 37.089 ng
RT: 2.740 min Scan# 111
Delta R.T. 0.188 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

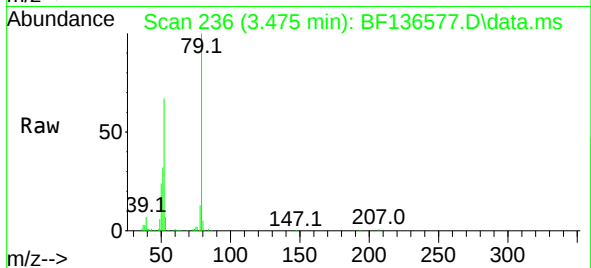
Tgt Ion: 88 Resp: 101843
Ion Ratio Lower Upper
88 100
58 75.5 62.2 93.2
43 0.0 21.5 32.3#





#3
Pyridine
Concen: 26.548 ng
RT: 3.475 min Scan# 213
Delta R.T. 0.165 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

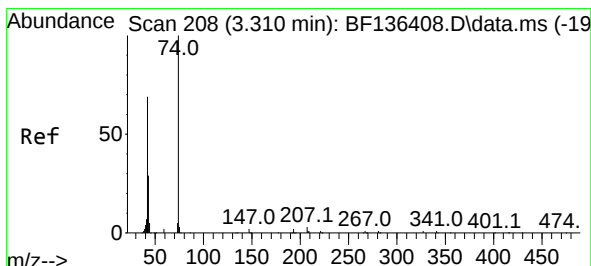
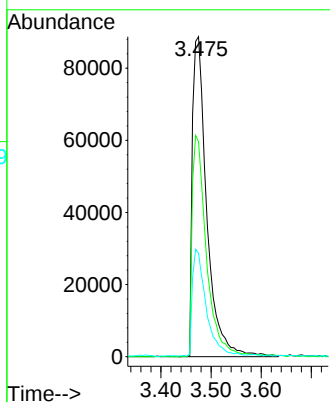
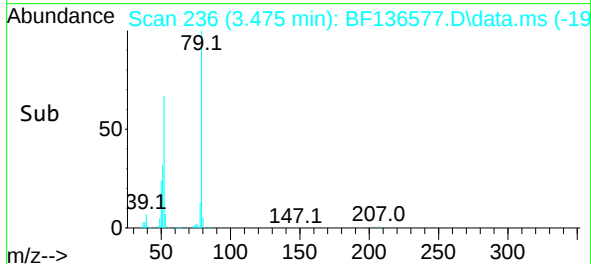
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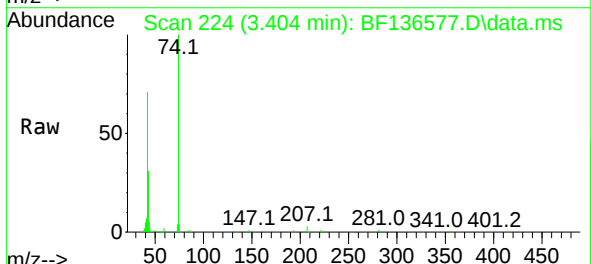
Tgt Ion: 79 Resp: 17654
Ion Ratio Lower Upper
79 100
52 67.2 58.2 87.2
51 32.3 29.1 43.7

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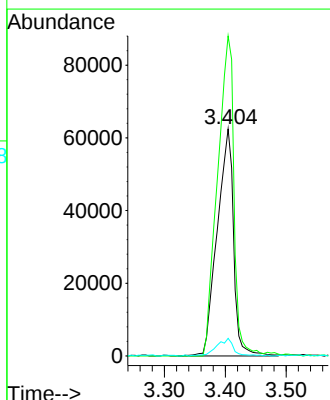
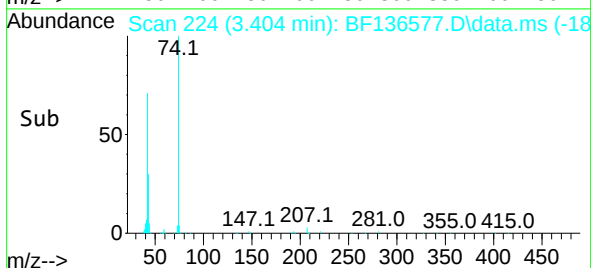
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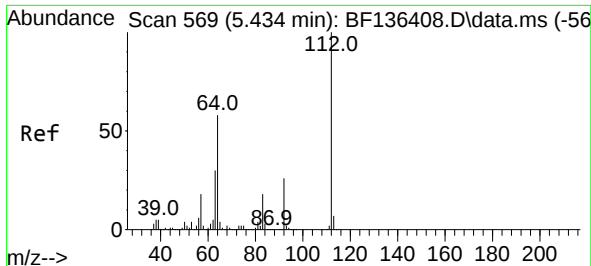


#4
n-Nitrosodimethylamine
Concen: 40.395 ng
RT: 3.404 min Scan# 224
Delta R.T. 0.118 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51



Tgt Ion: 42 Resp: 116705
Ion Ratio Lower Upper
42 100
74 140.9 115.4 173.0
44 7.7 6.2 9.2





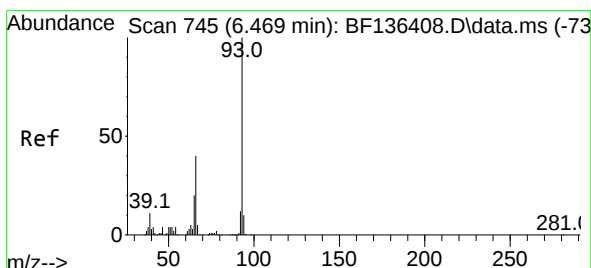
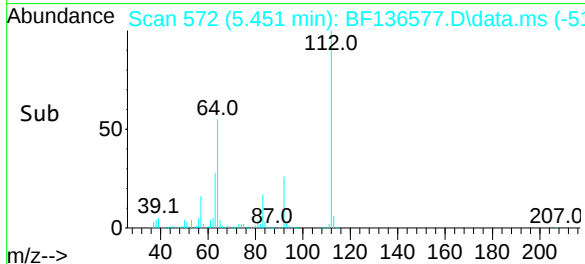
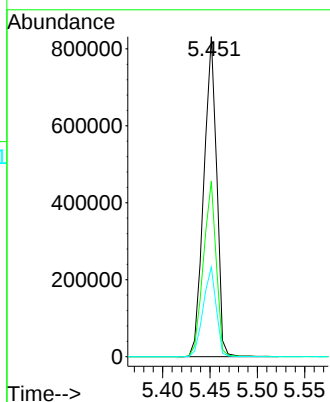
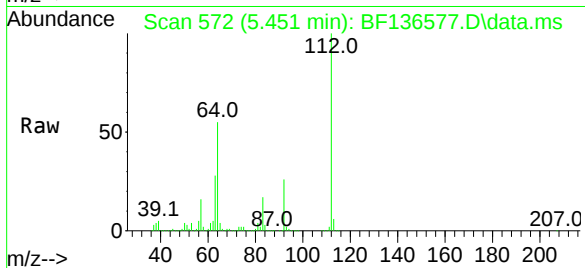
#5
2-Fluorophenol
Concen: 112.889 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.029 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

Instrument :
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ClientSampleId :
VNJ-216MS

Tgt Ion:112 Resp: 783728
Ion Ratio Lower Upper
112 100
64 54.9 46.5 69.7
63 28.0 23.9 35.9

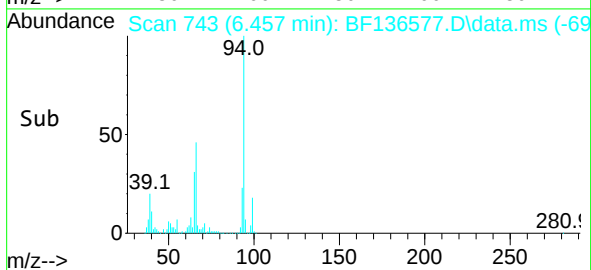
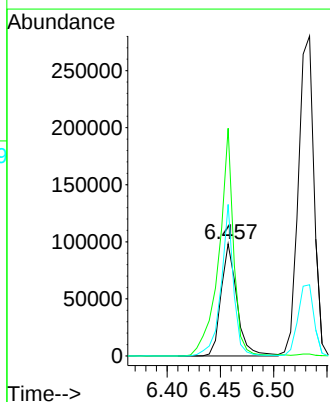
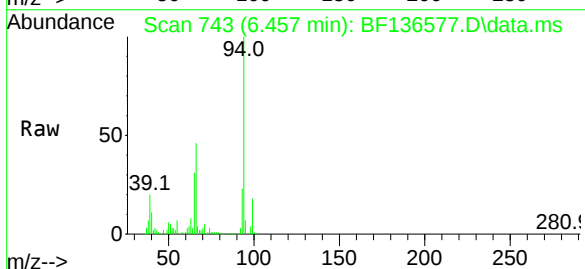
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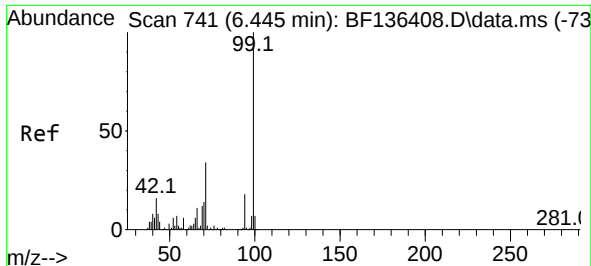
Reviewed By :Yogesh Patel 12/15/2023
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#6
Aniline
Concen: 11.605 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

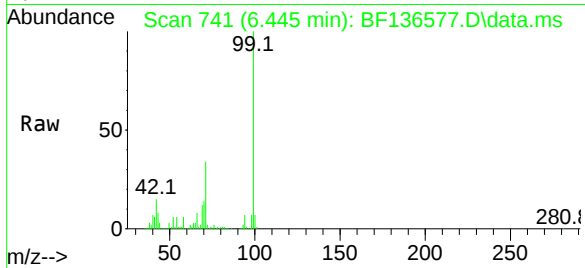
Tgt Ion: 93 Resp: 101584
Ion Ratio Lower Upper
93 100
66 202.9 32.5 48.7#
65 135.0 16.4 24.6#





#7
Phenol-d6
Concen: 102.281 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.012 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

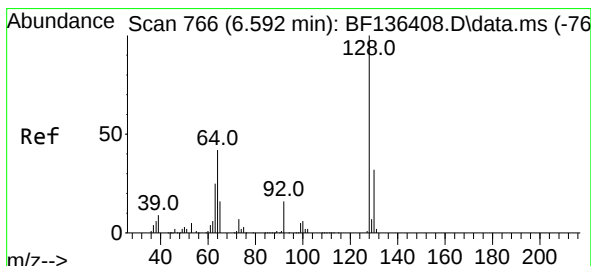
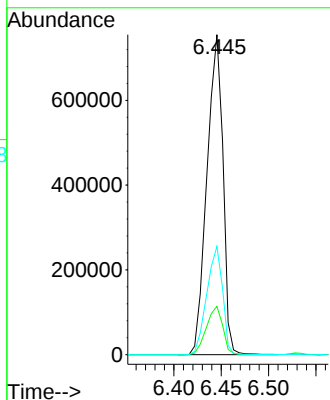
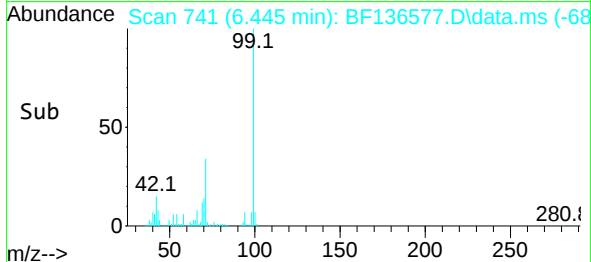
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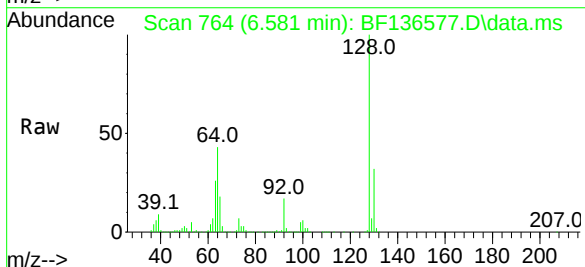
Tgt Ion: 99 Resp: 885930
Ion Ratio Lower Upper
99 100
42 15.1 12.8 19.2
71 33.8 27.0 40.4

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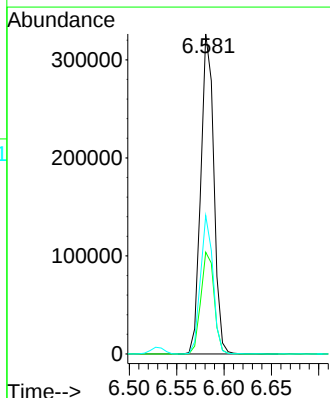
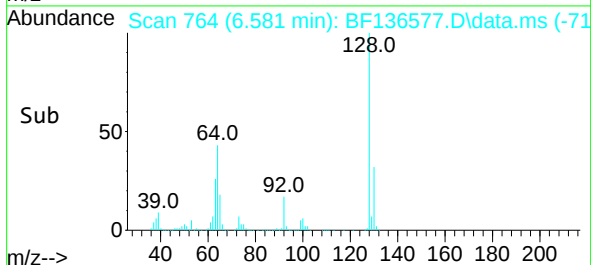
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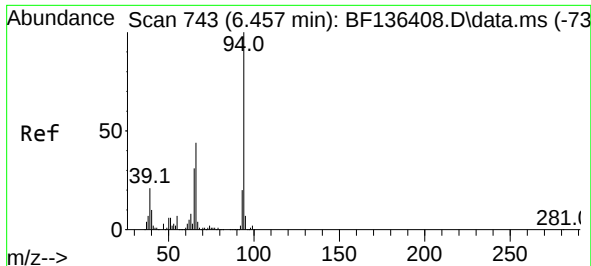


#8
2-Chlorophenol
Concen: 41.131 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51



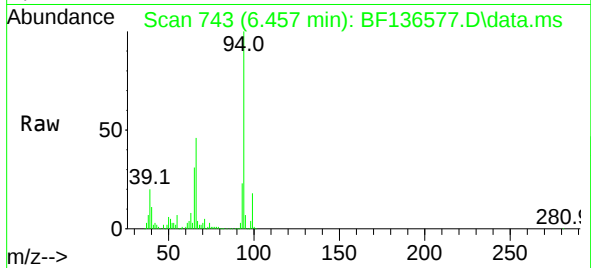
Tgt Ion:128 Resp: 311735
Ion Ratio Lower Upper
128 100
130 31.8 11.7 51.7
64 43.3 22.5 62.5





#10
Phenol
Concen: 34.069 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.012 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

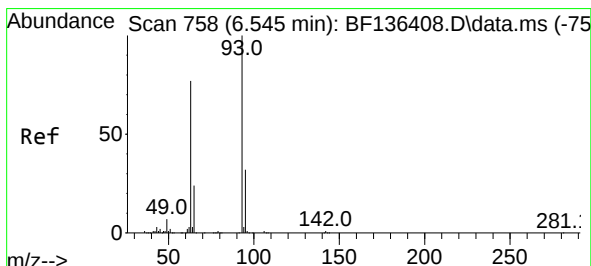
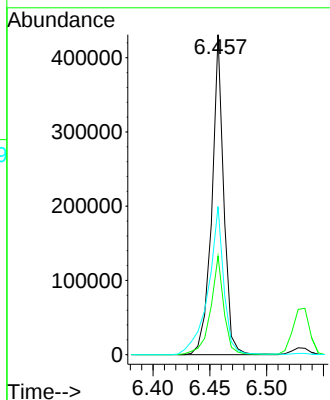
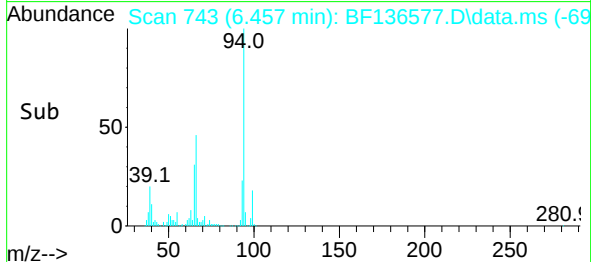
Instrument :
BNA_F
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VNJ-216MS



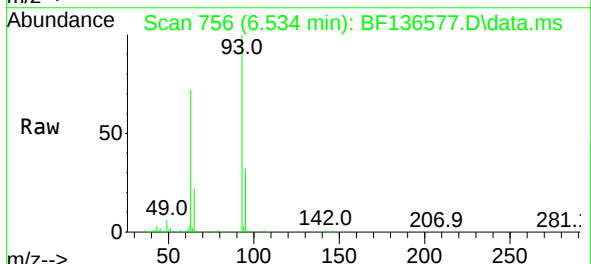
Tgt Ion: 94 Resp: 314010
Ion Ratio Lower Upper
94 100
65 30.8 11.2 51.2
66 46.3 24.2 64.2

Manual Integrations
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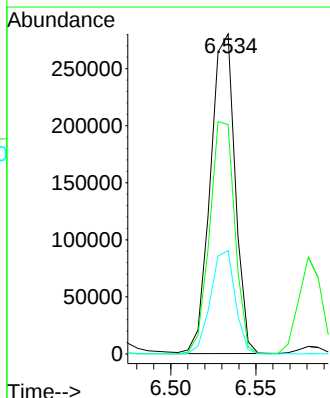
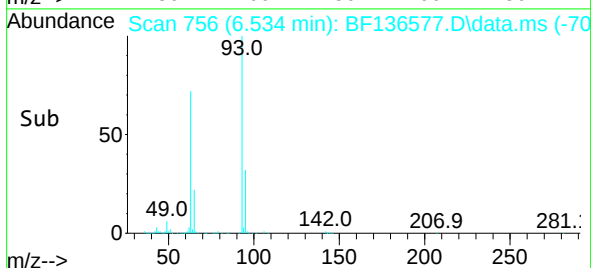
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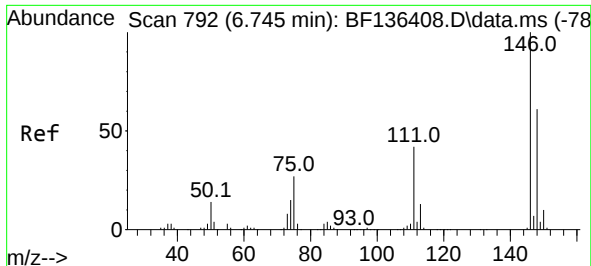


#11
bis(2-Chloroethyl)ether
Concen: 41.136 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51



Tgt Ion: 93 Resp: 282613
Ion Ratio Lower Upper
93 100
63 71.7 56.8 96.8
95 32.3 11.8 51.8





#12

1,3-Dichlorobenzene

Concen: 37.738 ng

RT: 6.734 min Scan# 79

Delta R.T. 0.006 min

Lab File: BF136577.D

Acq: 14 Dec 2023 19:51

Instrument :

BNA_F

ClientSampleId :

VNJ-216MS

Tgt Ion:146 Resp: 32165

Ion Ratio Lower Upper

146 100

148 63.3 49.0 73.6

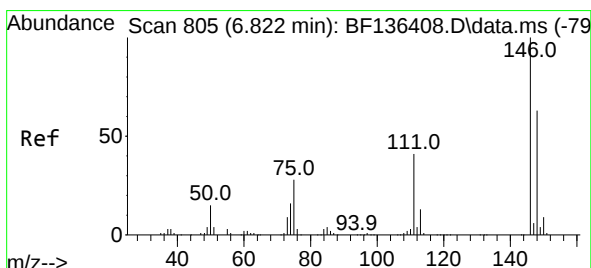
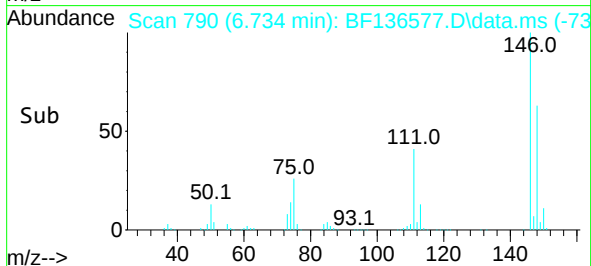
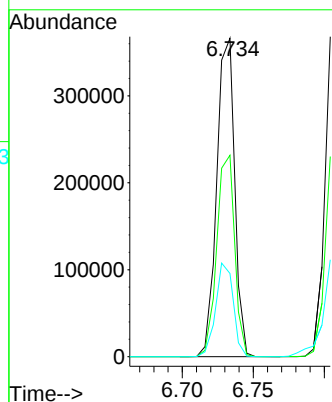
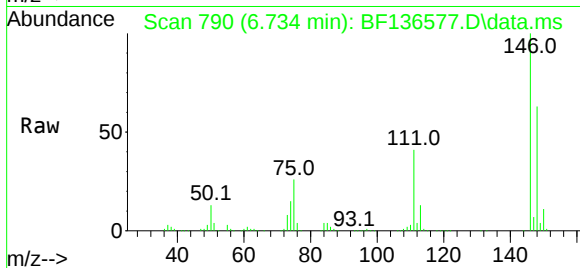
75 26.1 21.8 32.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#13

1,4-Dichlorobenzene

Concen: 38.604 ng

RT: 6.810 min Scan# 803

Delta R.T. 0.006 min

Lab File: BF136577.D

Acq: 14 Dec 2023 19:51

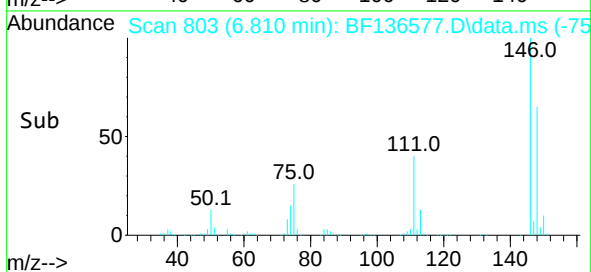
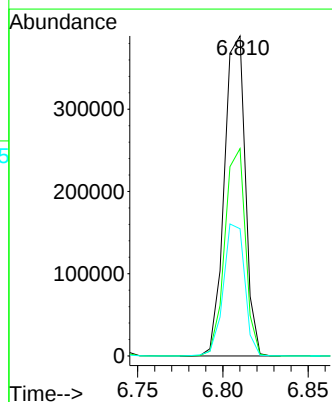
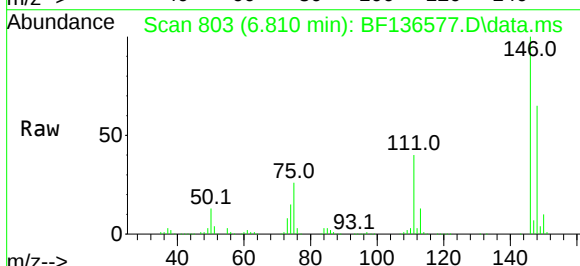
Tgt Ion:146 Resp: 333783

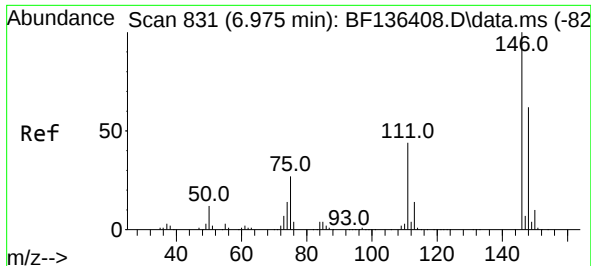
Ion Ratio Lower Upper

146 100

148 64.8 50.3 75.5

111 39.8 32.6 49.0





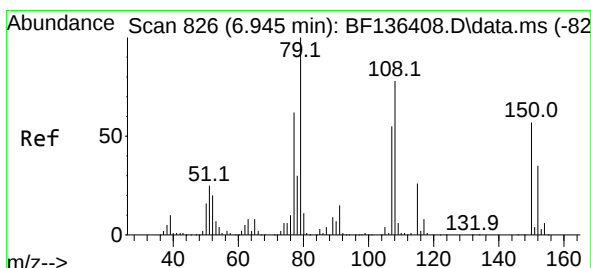
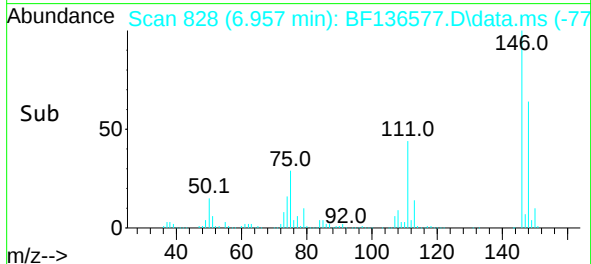
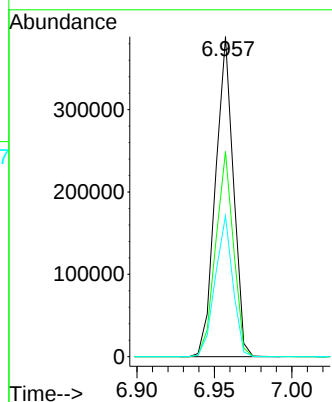
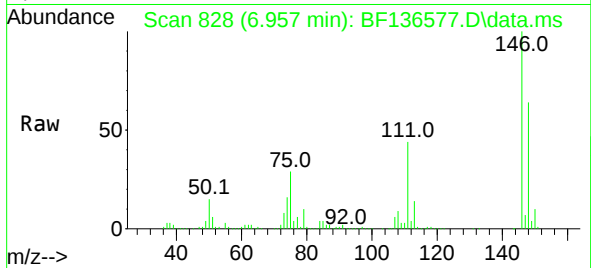
#14
1,2-Dichlorobenzene
Concen: 38.375 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

Instrument :
BNA_F
ClientSampleId :
VNJ-216MS

Tgt Ion:146 Resp: 312014
Ion Ratio Lower Upper
146 100
148 64.1 49.8 74.6
111 44.0 34.9 52.3

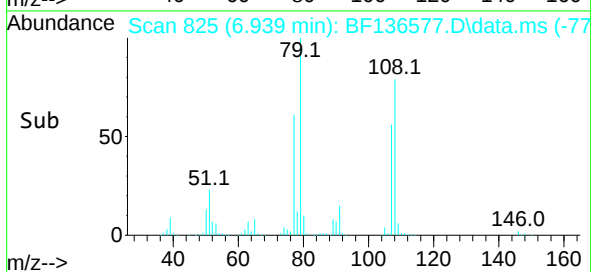
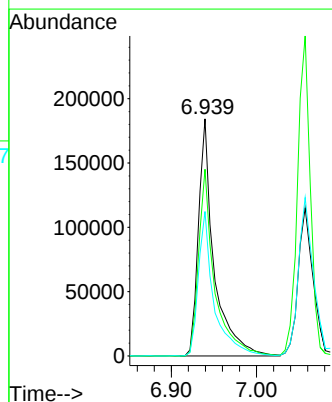
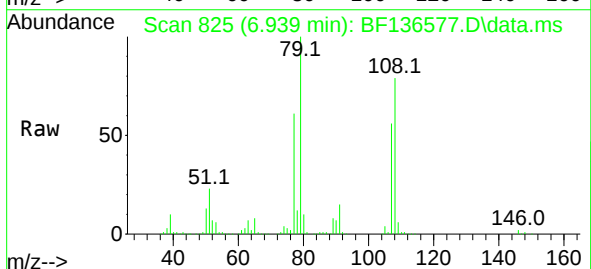
Manual Integrations
APPROVED

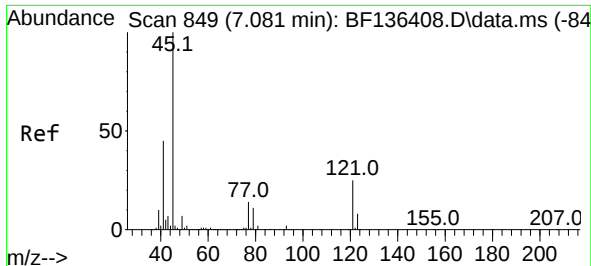
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#15
Benzyl Alcohol
Concen: 40.454 ng
RT: 6.939 min Scan# 825
Delta R.T. 0.006 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

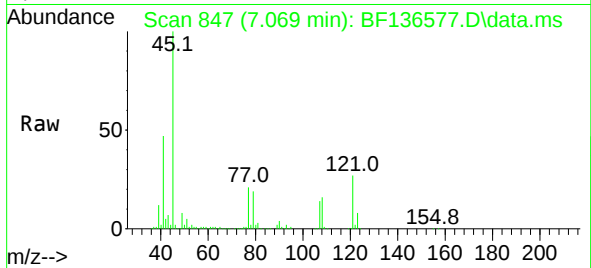
Tgt Ion: 79 Resp: 234639
Ion Ratio Lower Upper
79 100
108 78.8 62.3 93.5
77 60.9 49.8 74.8





#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.580 ng
RT: 7.069 min Scan# 84
Delta R.T. 0.006 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

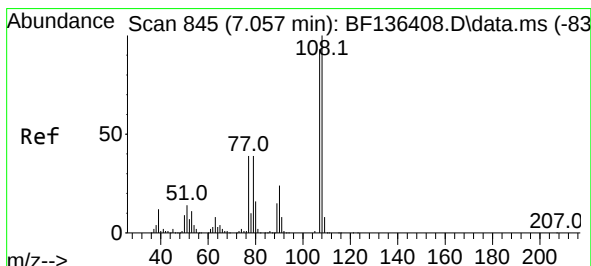
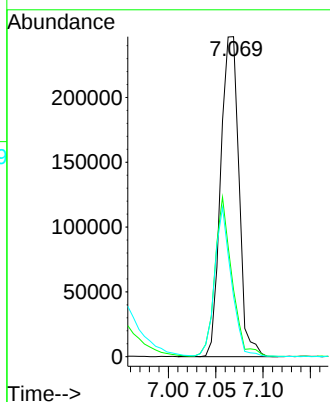
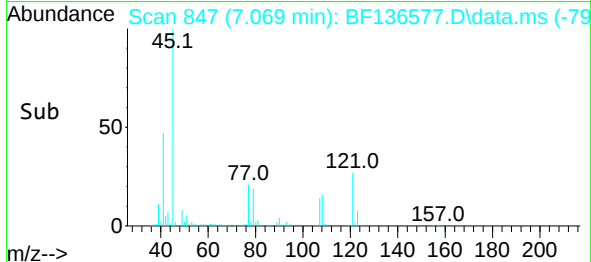
Instrument :
BNA_F
ClientSampleId :
VNJ-216MS



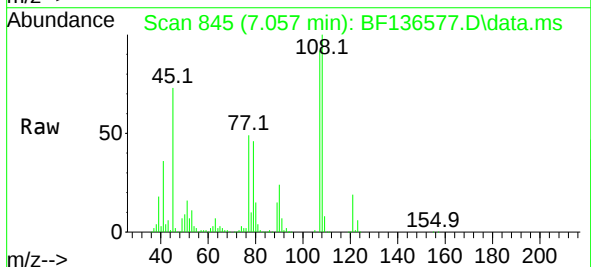
Tgt Ion: 45 Resp: 332058
Ion Ratio Lower Upper
45 100
77 20.9 0.0 35.3
79 18.8 0.0 32.5

Manual Integrations
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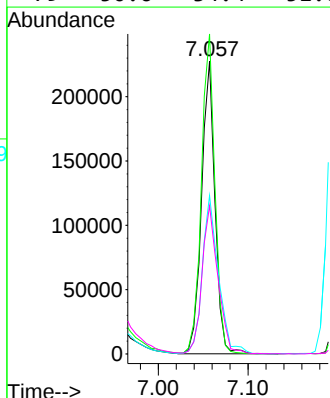
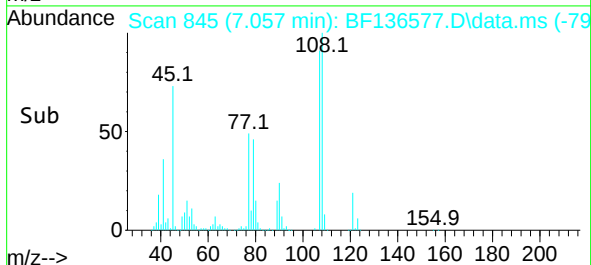
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

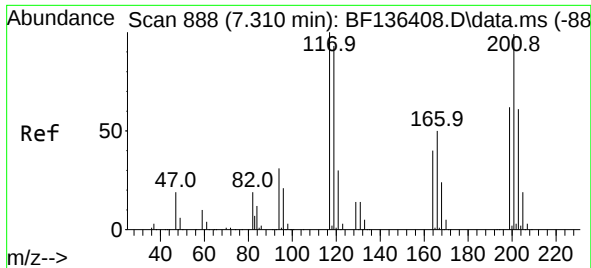


#17
2-Methylphenol
Concen: 38.587 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.012 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51



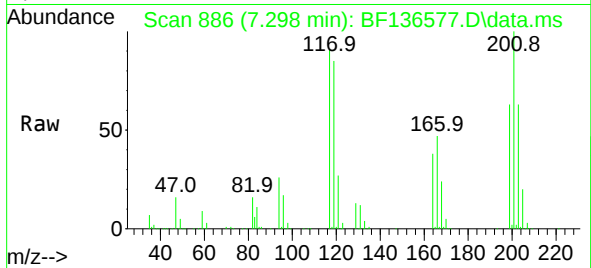
Tgt Ion:107 Resp: 236272
Ion Ratio Lower Upper
107 100
108 109.3 86.5 129.7
77 54.1 33.8 50.8#
79 50.6 34.4 51.6





#18
Hexachloroethane
Concen: 38.106 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

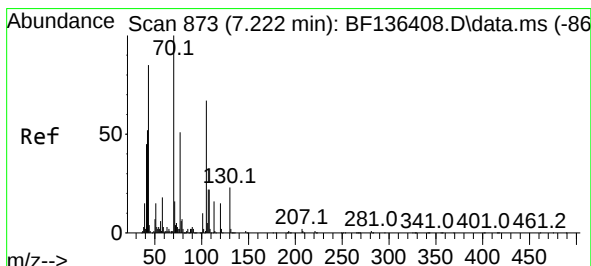
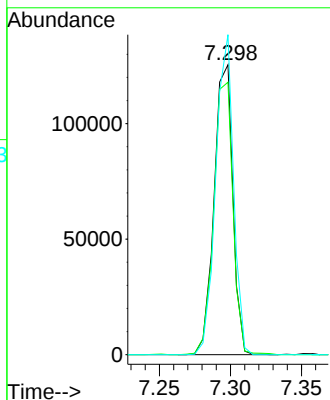
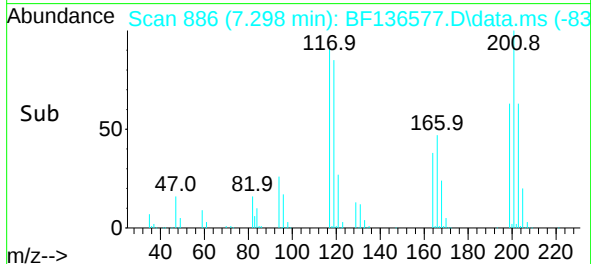
Instrument :
BNA_F
ClientSampleId :
VNJ-216MS



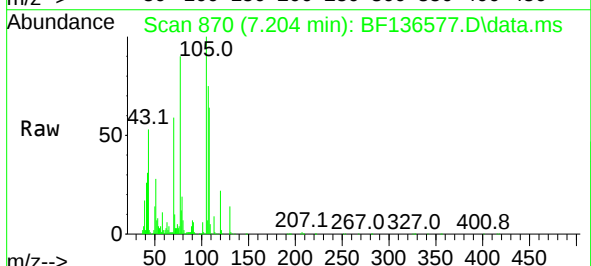
Tgt Ion:117 Resp: 11503
Ion Ratio Lower Upper
117 100
119 94.0 74.3 111.5
201 110.4 79.3 118.9

Manual Integrations
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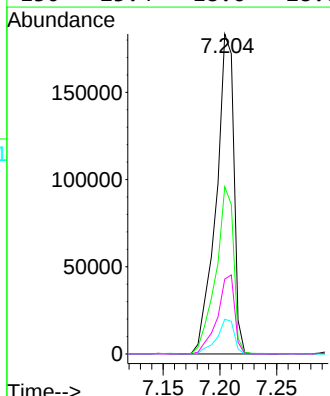
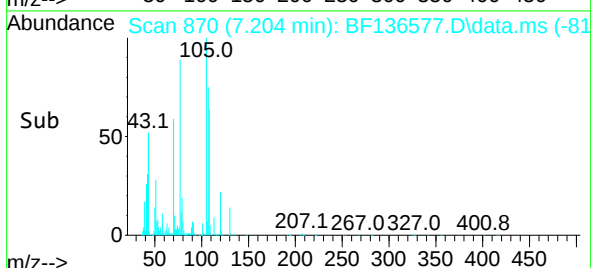
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

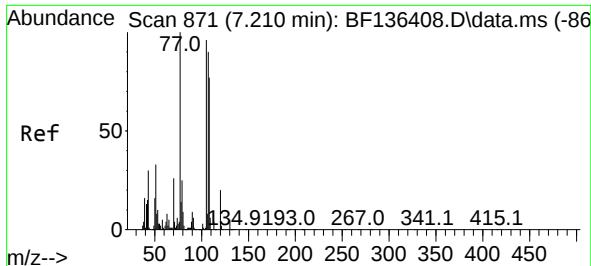


#19
n-Nitroso-di-n-propylamine
Concen: 40.006 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51



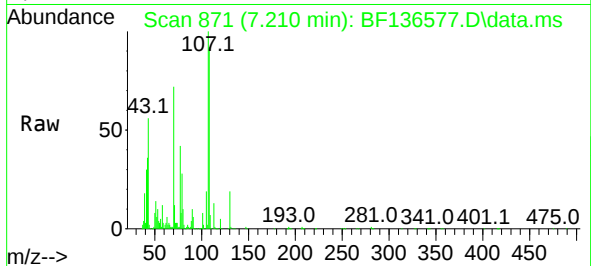
Tgt Ion: 70 Resp: 199892
Ion Ratio Lower Upper
70 100
42 52.3 41.4 62.0
101 10.8 8.2 12.4
130 23.4 18.6 28.0





#20
3+4-Methylphenols
Concen: 38.582 ng
RT: 7.210 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

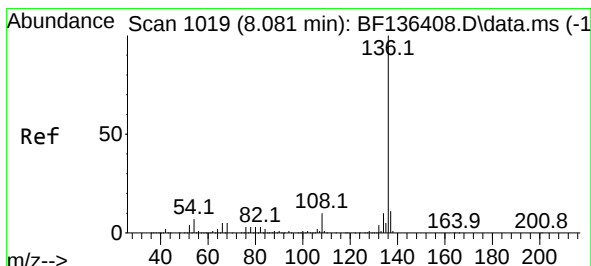
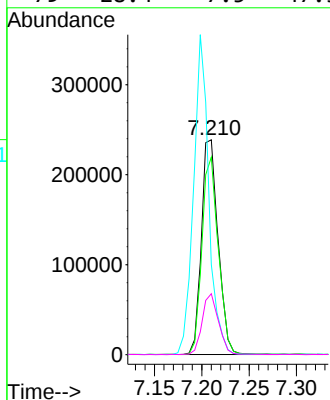
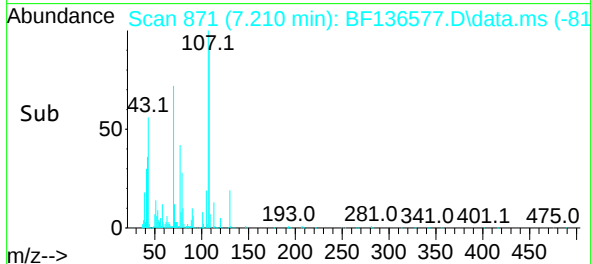
Instrument :
BNA_F
ClientSampleId :
VNJ-216MS



Tgt Ion:107 Resp: 29323
Ion Ratio Lower Upper
107 100
108 91.9 65.9 105.9
77 42.0 91.7 131.7
79 28.4 7.5 47.5

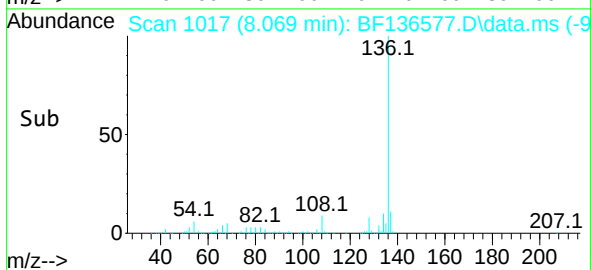
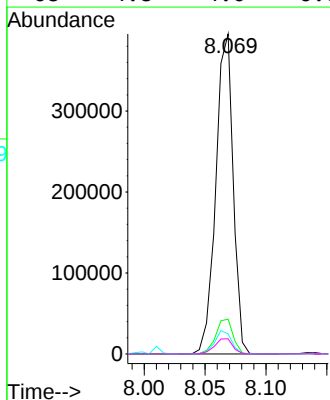
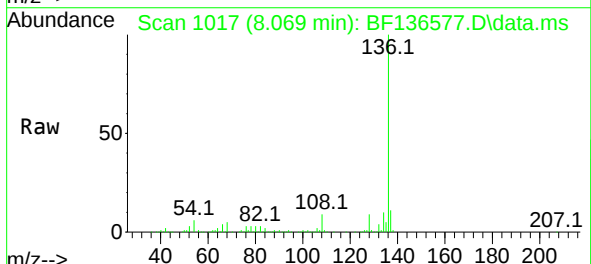
Manual Integrations
APPROVED

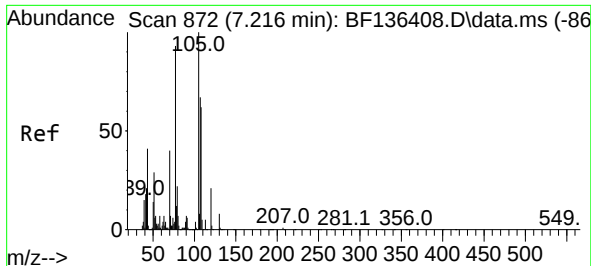
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

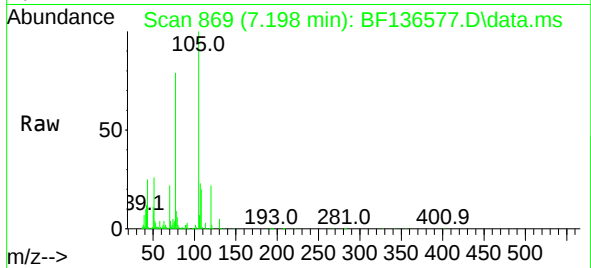
Tgt Ion:136 Resp: 391564
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 6.3 5.7 8.5
68 4.8 4.0 6.0





#22
Acetophenone
Concen: 45.077 ng
RT: 7.198 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

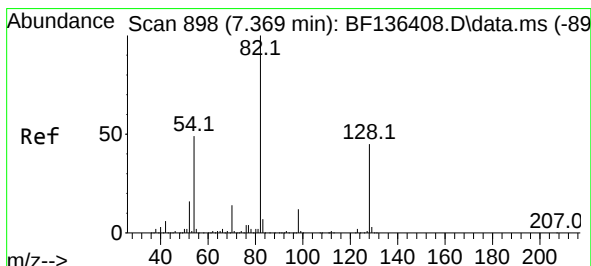
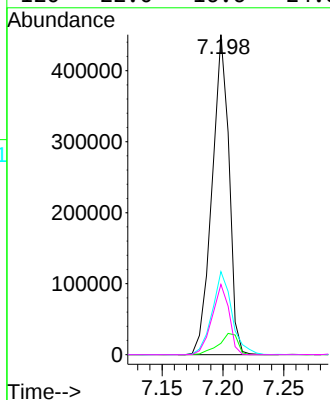
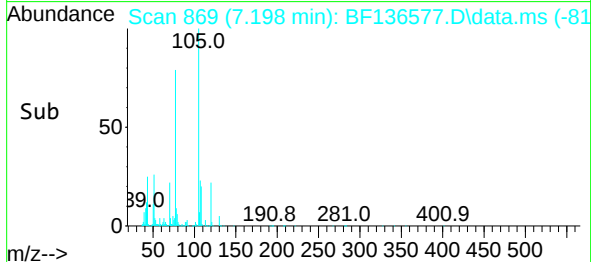
Instrument :
BNA_F
ClientSampleId :
VNJ-216MS



Tgt Ion: 105 Resp: 43586
Ion Ratio Lower Upper
105 100
71 3.6 5.4 8.0
51 25.9 23.4 35.2
120 22.0 16.6 24.8

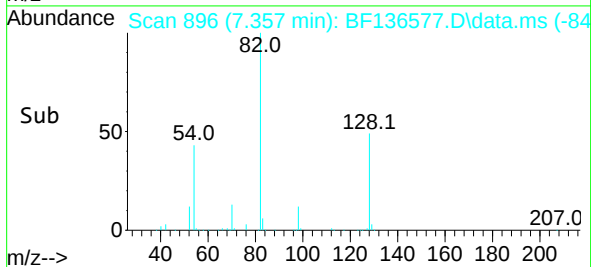
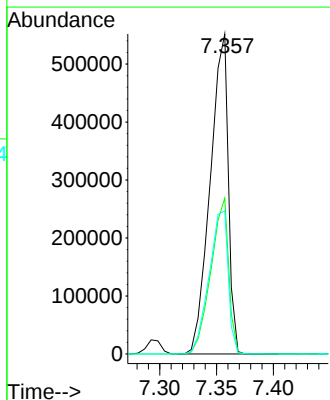
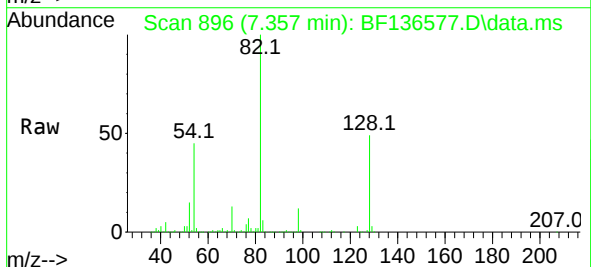
Manual Integrations
APPROVED

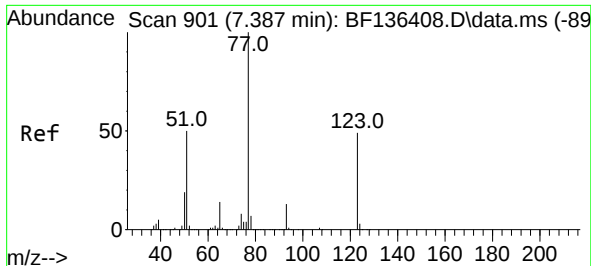
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#23
Nitrobenzene-d5
Concen: 84.390 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

Tgt Ion: 82 Resp: 611244
Ion Ratio Lower Upper
82 100
128 48.7 36.3 54.5
54 44.8 39.0 58.6





#24
Nitrobenzene
Concen: 40.975 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

Instrument :

BNA_F

ClientSampleId :

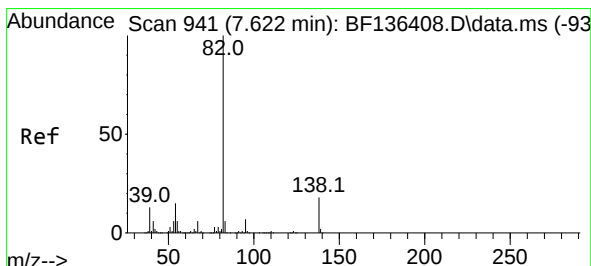
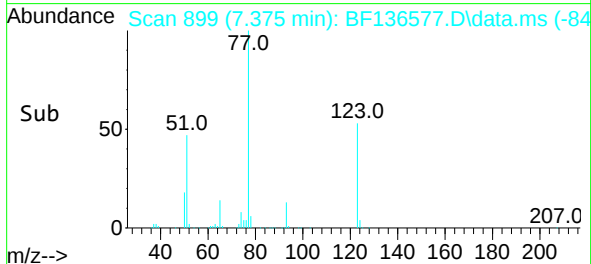
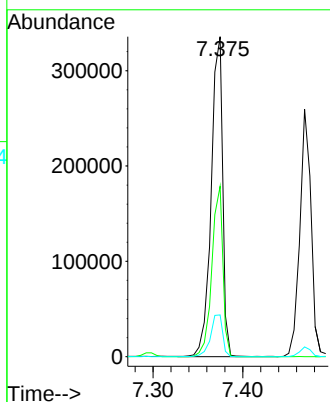
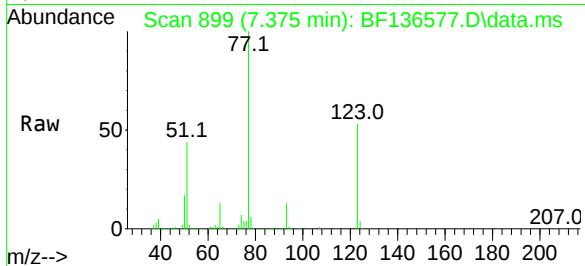
VNJ-216MS

Tgt Ion: 77 Resp: 29855
Ion Ratio Lower Upper
77 100
123 53.3 39.0 58.6
65 13.1 11.3 16.9

Manual Integrations

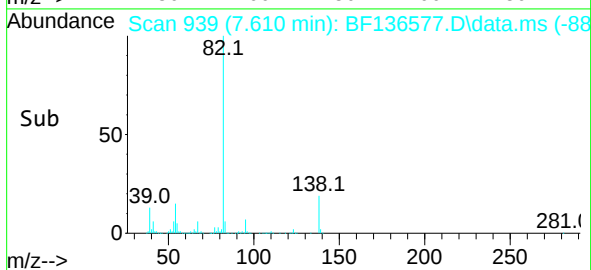
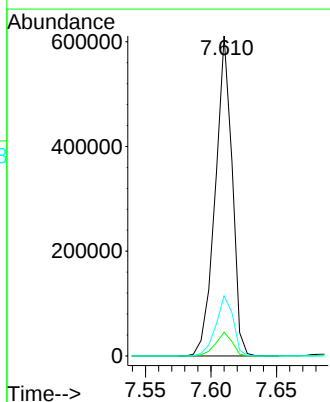
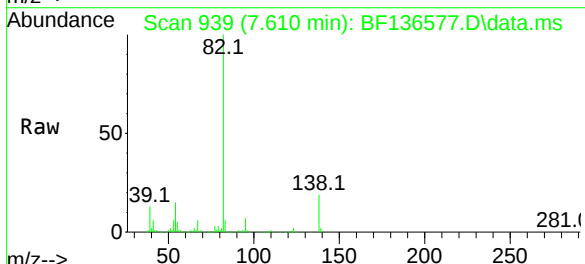
APPROVED

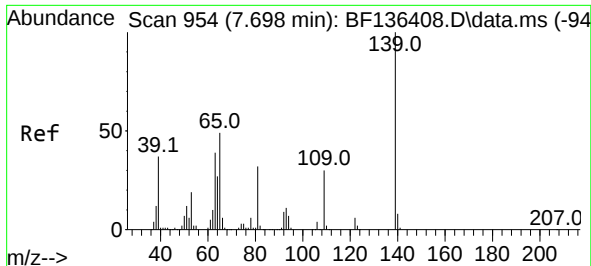
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#25
Isophorone
Concen: 41.834 ng
RT: 7.610 min Scan# 939
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

Tgt Ion: 82 Resp: 544380
Ion Ratio Lower Upper
82 100
95 7.5 5.7 8.5
138 18.8 14.5 21.7





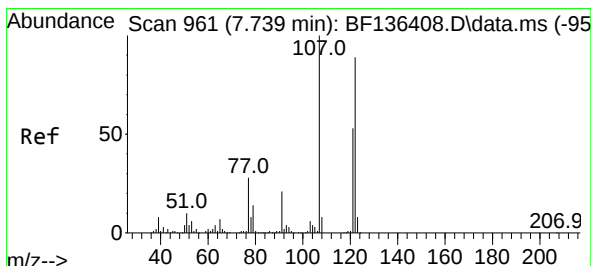
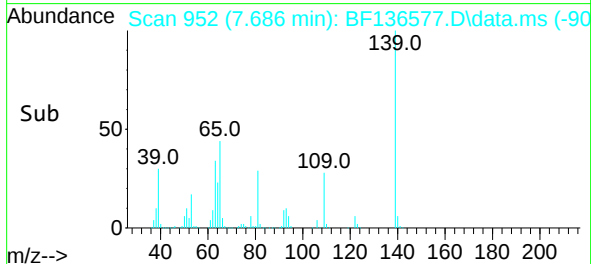
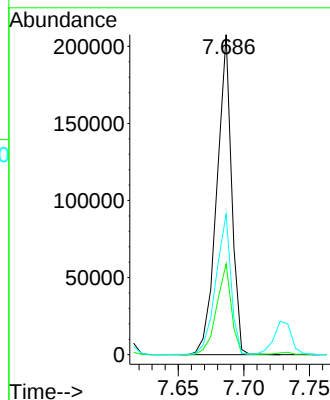
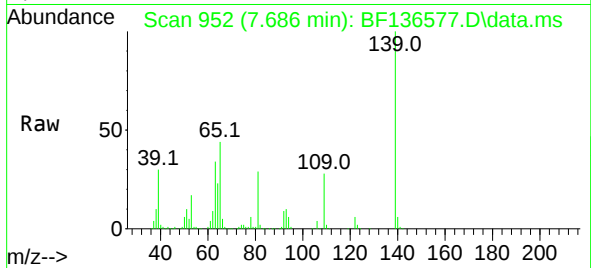
#26
2-Nitrophenol
Concen: 45.449 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

Instrument :
BNA_F
ClientSampleId :
VNJ-216MS

Tgt Ion:139 Resp: 16280
Ion Ratio Lower Upper
139 100
109 28.4 23.6 35.4
65 43.9 39.4 59.2

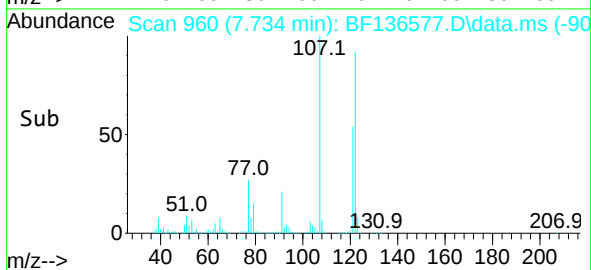
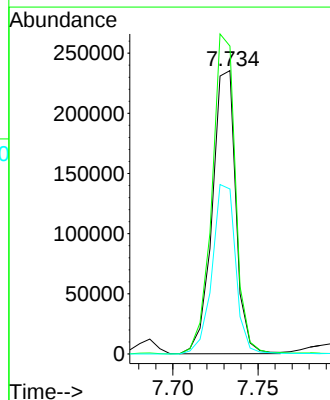
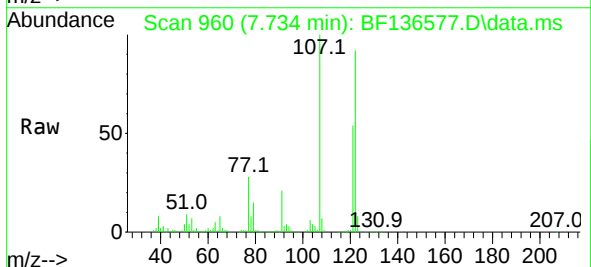
Manual Integrations
APPROVED

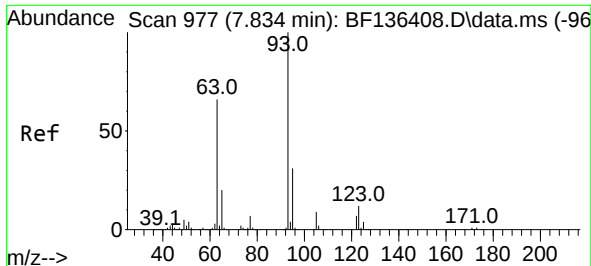
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#27
2,4-Dimethylphenol
Concen: 51.389 ng
RT: 7.734 min Scan# 960
Delta R.T. 0.006 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

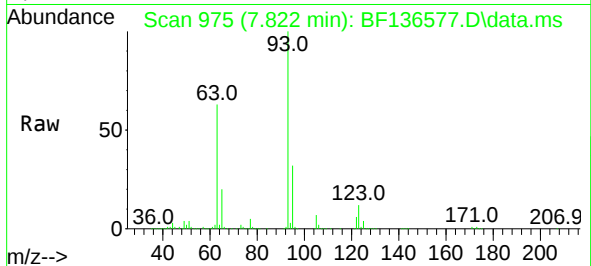
Tgt Ion:122 Resp: 226984
Ion Ratio Lower Upper
122 100
107 108.7 89.3 133.9
121 58.2 47.6 71.4





#28
bis(2-Chloroethoxy)methane
Concen: 42.980 ng
RT: 7.822 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

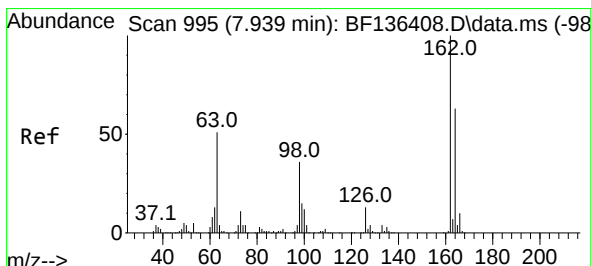
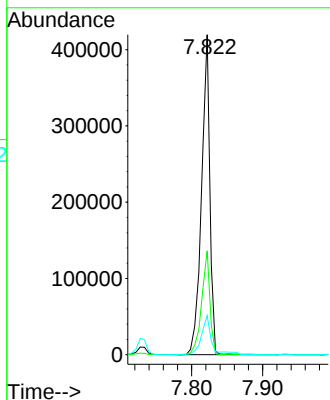
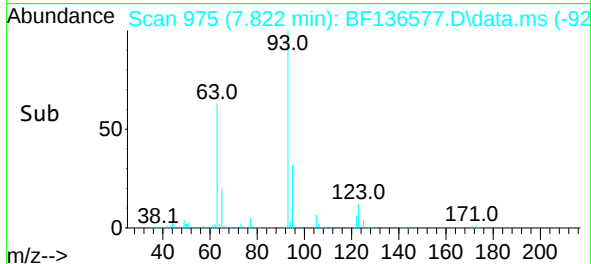
Instrument :
BNA_F
ClientSampleId :
VNJ-216MS



Tgt Ion: 93 Resp: 34367
Ion Ratio Lower Upper
93 100
95 32.4 25.0 37.4
123 12.2 9.4 14.0

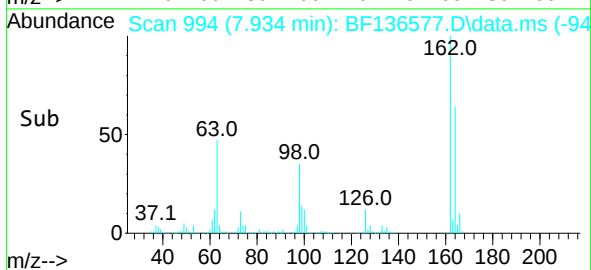
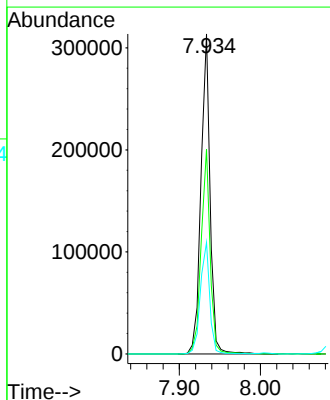
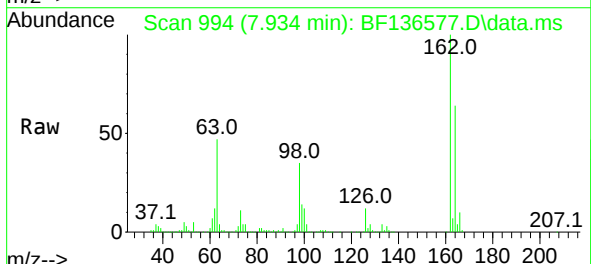
Manual Integrations
APPROVED

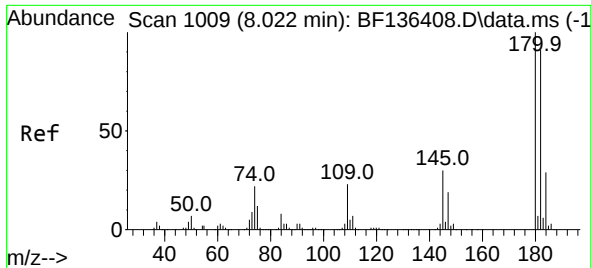
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#29
2,4-Dichlorophenol
Concen: 42.080 ng
RT: 7.934 min Scan# 994
Delta R.T. 0.006 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

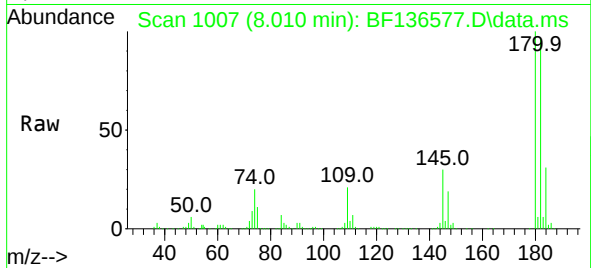
Tgt Ion:162 Resp: 245332
Ion Ratio Lower Upper
162 100
164 64.1 43.0 83.0
98 34.9 16.2 56.2





#30
1,2,4-Trichlorobenzene
Concen: 41.333 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

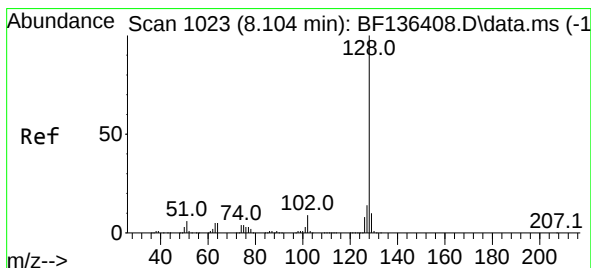
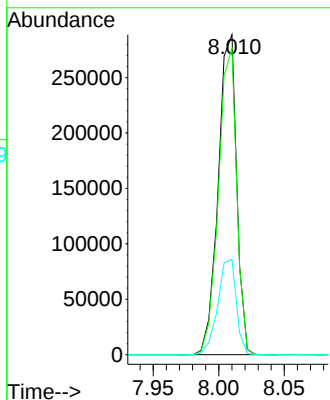
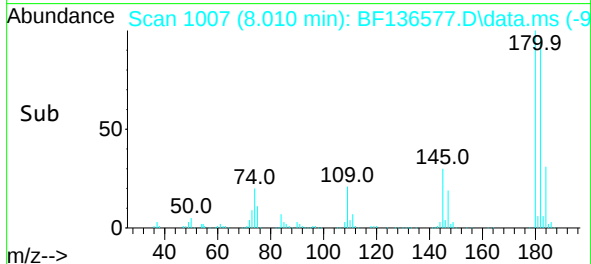
Instrument :
BNA_F
ClientSampleId :
VNJ-216MS



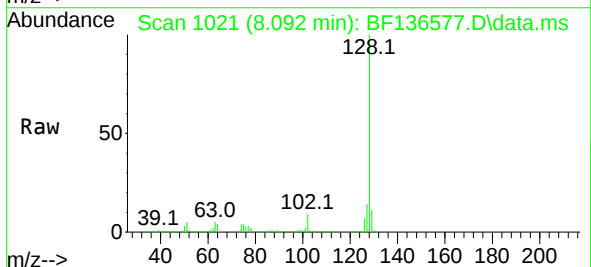
Tgt Ion:180 Resp: 280990
Ion Ratio Lower Upper
180 100
182 95.7 73.1 109.7
145 29.7 23.8 35.8

Manual Integrations
APPROVED

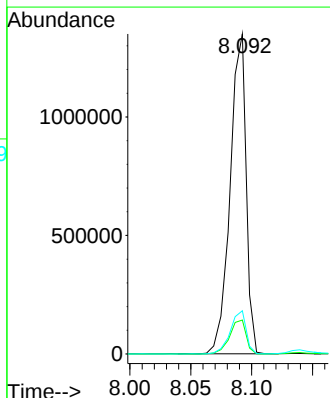
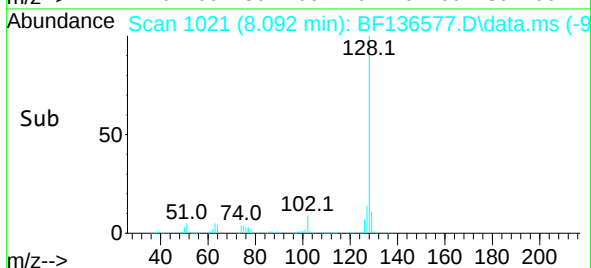
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

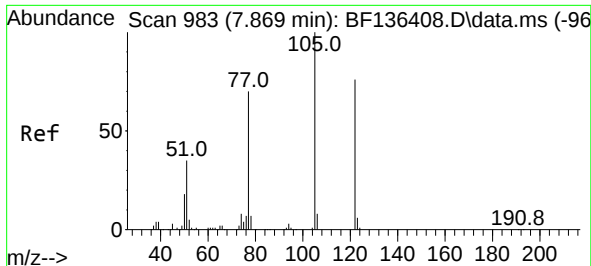


#31
Naphthalene
Concen: 57.141 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51



Tgt Ion:128 Resp: 1233865
Ion Ratio Lower Upper
128 100
129 10.6 8.3 12.5
127 13.5 11.1 16.7





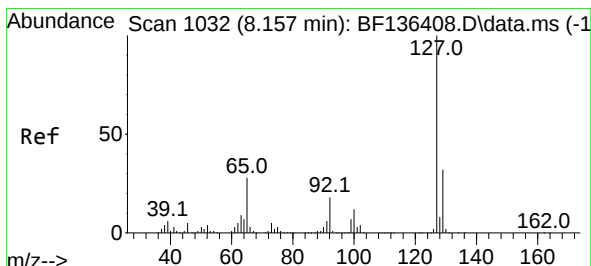
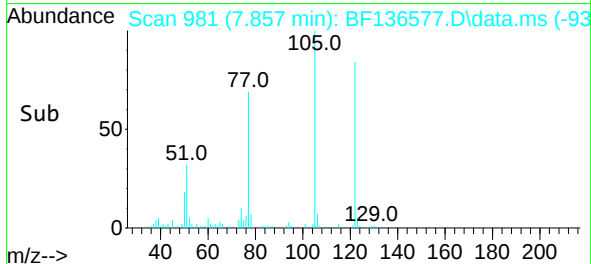
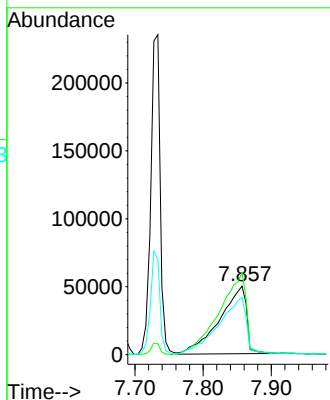
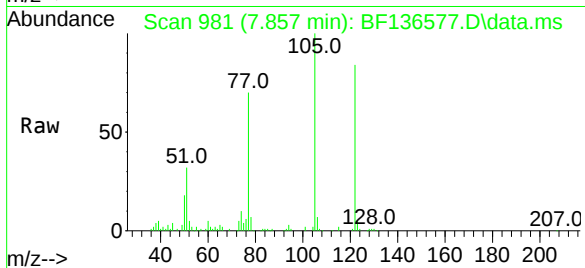
#32
Benzoic acid
Concen: 31.208 ng
RT: 7.857 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

Instrument :
BNA_F
ClientSampleId :
VNJ-216MS

Tgt Ion:122 Resp: 13674
Ion Ratio Lower Upper
122 100
105 119.6 104.7 144.7
77 83.7 68.5 108.5

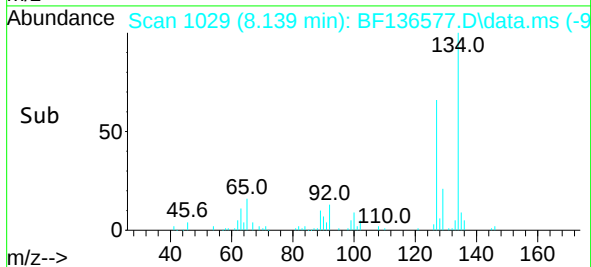
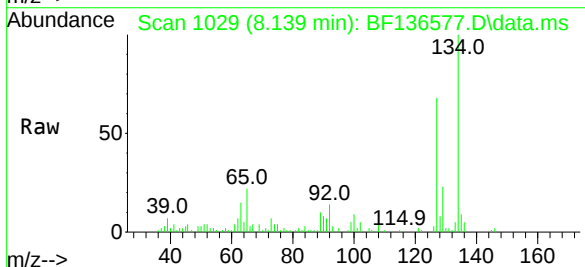
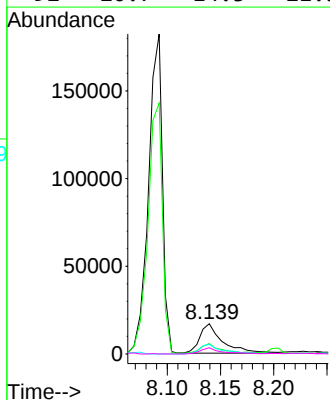
Manual Integrations
APPROVED

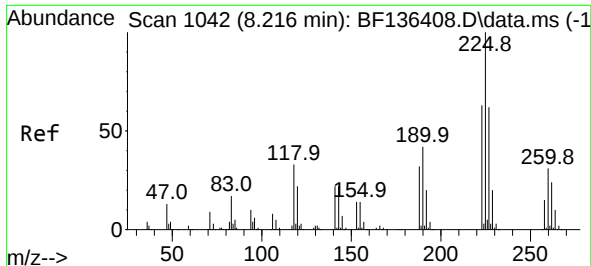
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#33
4-Chloroaniline
Concen: 3.263 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

Tgt Ion:127 Resp: 25122
Ion Ratio Lower Upper
127 100
129 34.4 25.4 38.2
65 31.9 22.5 33.7
92 20.7 14.3 21.5





#34

Hexachlorobutadiene

Concen: 41.311 ng

RT: 8.204 min Scan# 1040

Delta R.T. -0.000 min

Lab File: BF136577.D

Acq: 14 Dec 2023 19:51

Instrument :

BNA_F

ClientSampleId :

VNJ-216MS

Tgt Ion:225 Resp: 16644

Ion Ratio Lower Upper

225 100

223 61.4 50.8 76.2

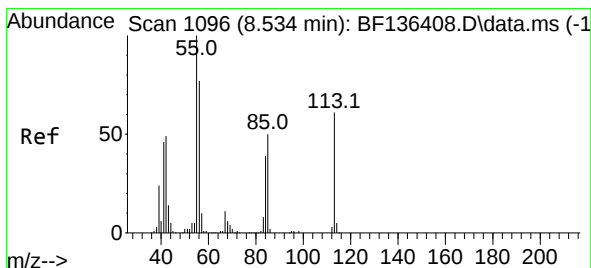
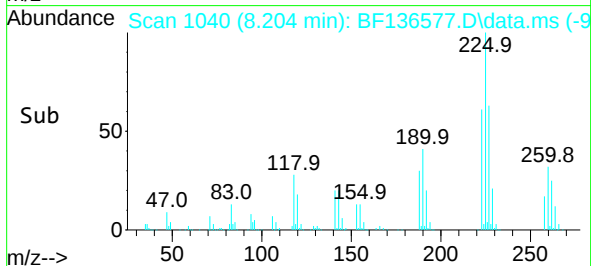
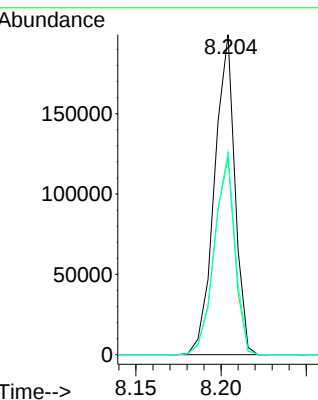
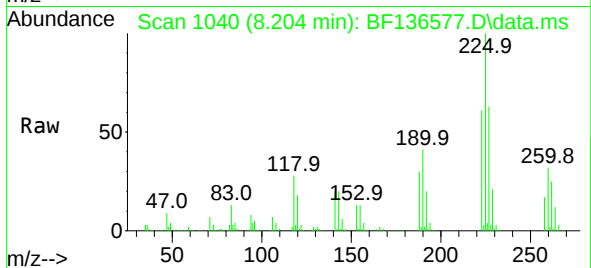
227 63.3 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#35

Caprolactam

Concen: 33.486 ng m

RT: 8.510 min Scan# 1092

Delta R.T. -0.012 min

Lab File: BF136577.D

Acq: 14 Dec 2023 19:51

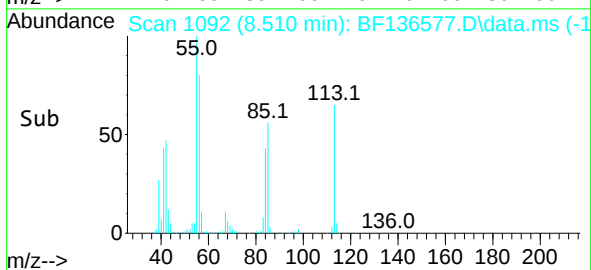
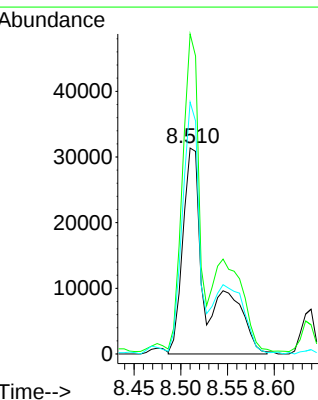
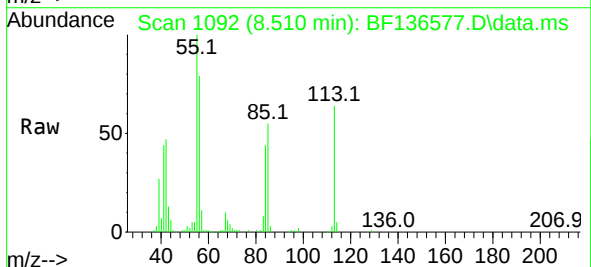
Tgt Ion:113 Resp: 60121

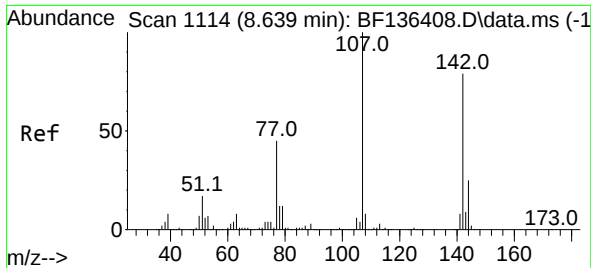
Ion Ratio Lower Upper

113 100

55 155.4 143.7 183.7

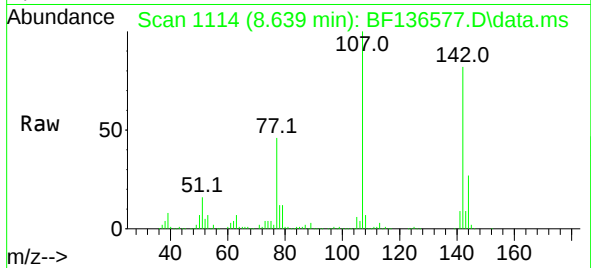
56 122.3 105.2 145.2





#36
4-Chloro-3-methylphenol
Concen: 38.399 ng
RT: 8.639 min Scan# 1114
Delta R.T. 0.012 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

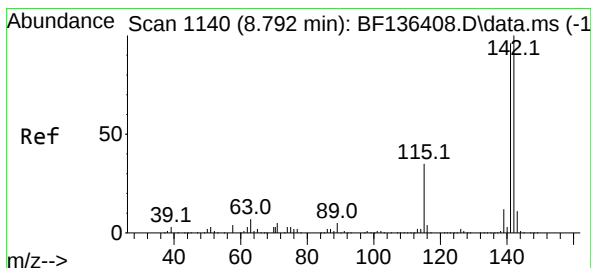
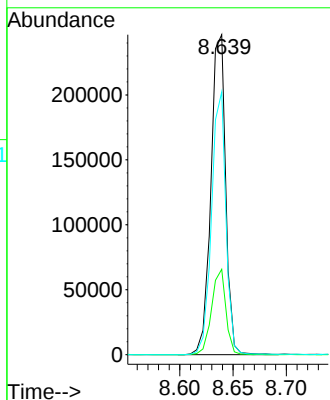
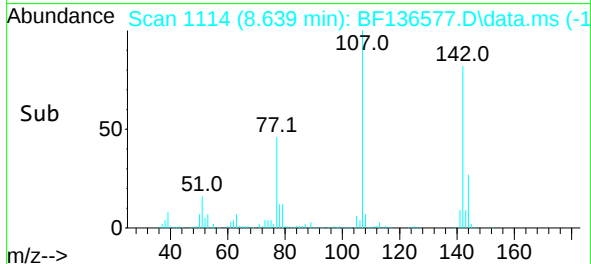
Instrument :
BNA_F
ClientSampleId :
VNJ-216MS



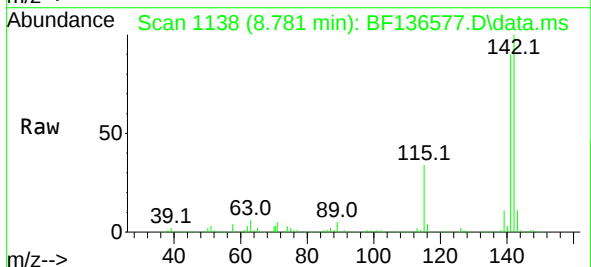
Tgt Ion:107 Resp: 23770
Ion Ratio Lower Upper
107 100
144 26.7 20.1 30.1
142 82.1 63.1 94.7

Manual Integrations
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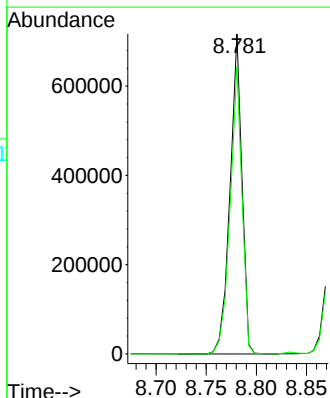
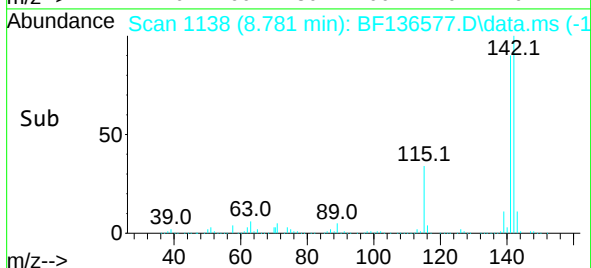
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

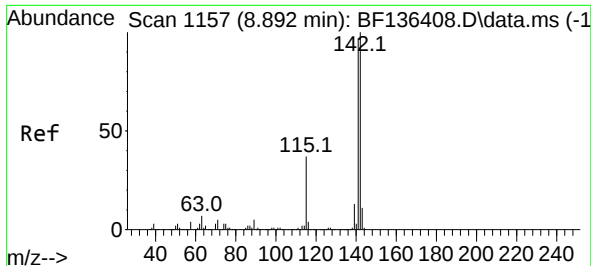


#37
2-Methylnaphthalene
Concen: 43.156 ng
RT: 8.781 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51



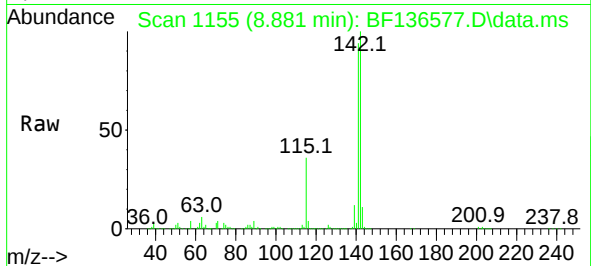
Tgt Ion:142 Resp: 592849
Ion Ratio Lower Upper
142 100
141 89.8 76.4 114.6





#38
1-Methylnaphthalene
Concen: 41.349 ng
RT: 8.881 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

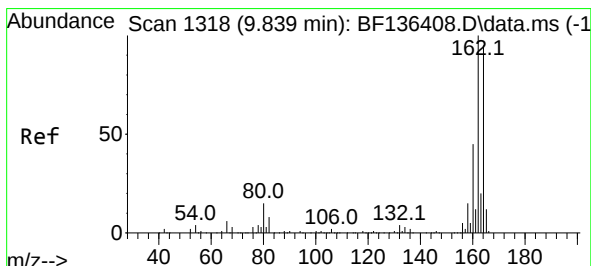
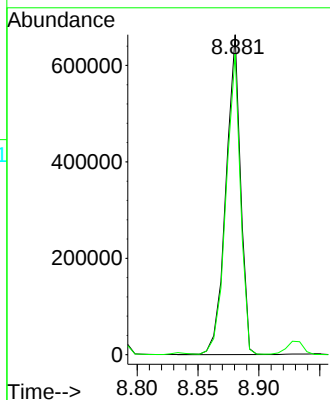
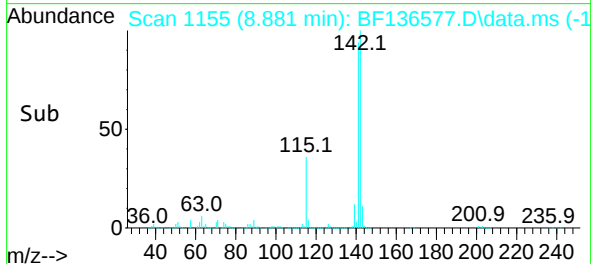
Instrument :
BNA_F
ClientSampleId :
VNJ-216MS



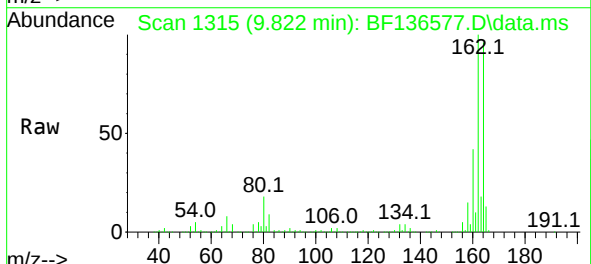
Tgt Ion:142 Resp: 557389
Ion Ratio Lower Upper
142 100
141 93.9 77.7 116.5

Manual Integrations
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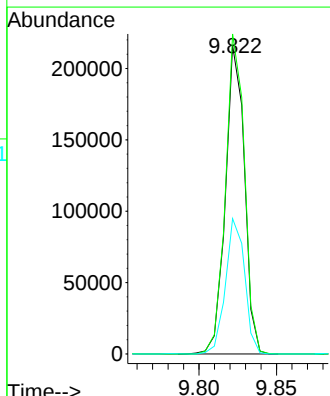
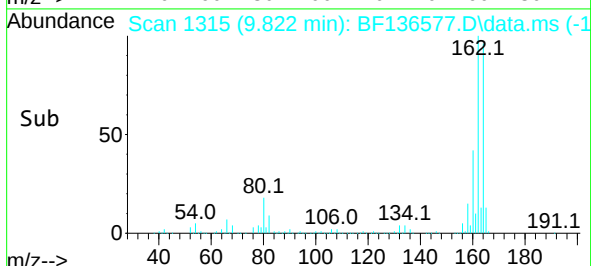
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

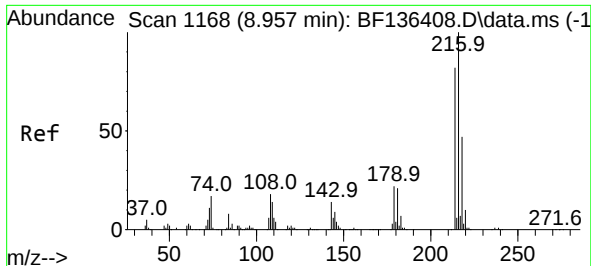


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51



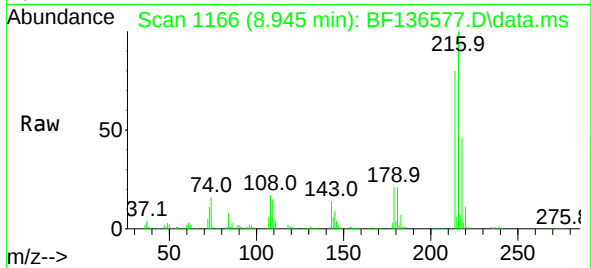
Tgt Ion:164 Resp: 184145
Ion Ratio Lower Upper
164 100
162 103.6 84.4 126.6
160 43.8 37.6 56.4





#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.111 ng
RT: 8.945 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

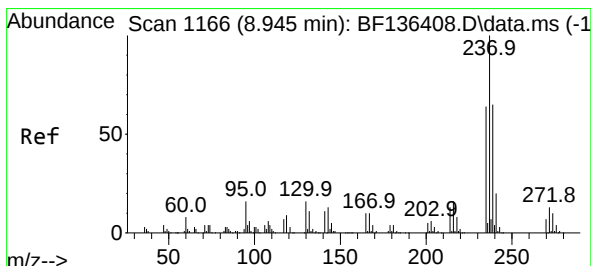
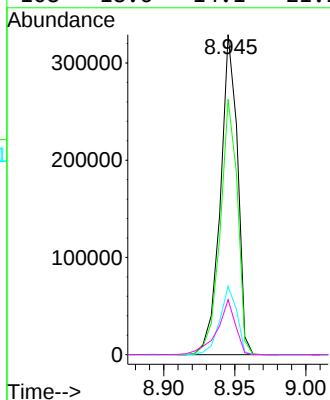
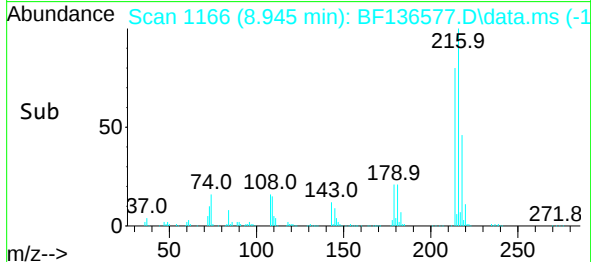
Instrument :
BNA_F
ClientSampleId :
VNJ-216MS



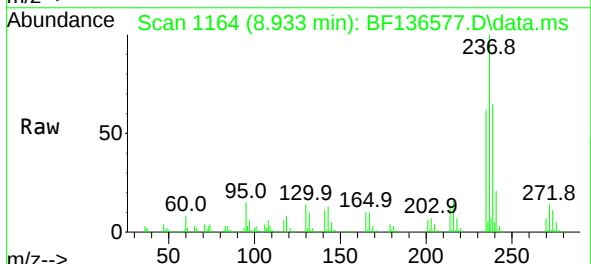
Tgt Ion:216 Resp: 27562
Ion Ratio Lower Upper
216 100
214 80.1 64.1 96.1
179 21.4 17.0 25.6
108 18.6 14.1 21.1

Manual Integrations
APPROVED

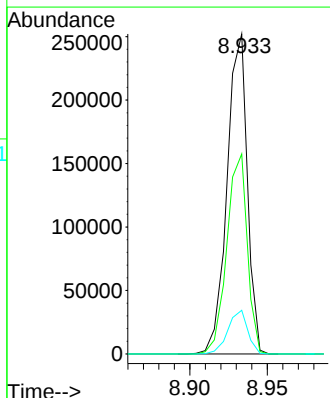
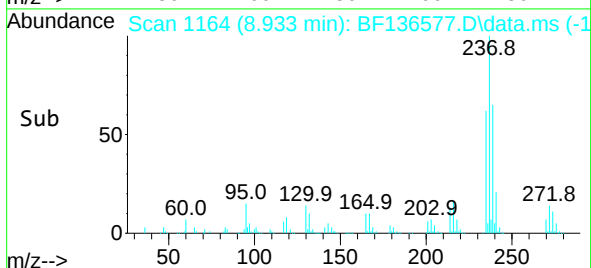
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

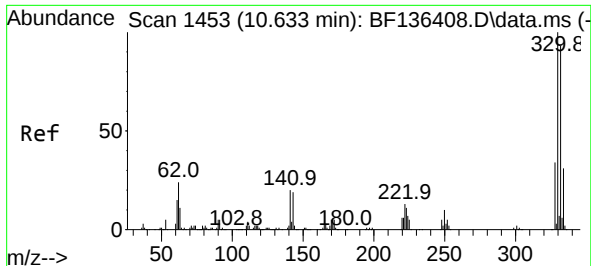


#41
Hexachlorocyclopentadiene
Concen: 108.065 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51



Tgt Ion:237 Resp: 229362
Ion Ratio Lower Upper
237 100
235 62.5 44.1 84.1
272 13.7 0.0 33.3





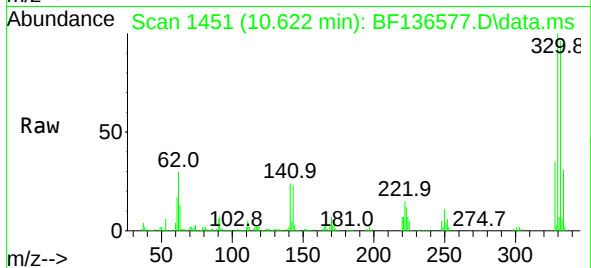
#42
2,4,6-Tribromophenol
Concen: 118.695 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

Instrument :

BNA_F

ClientSampleId :

VNJ-216MS



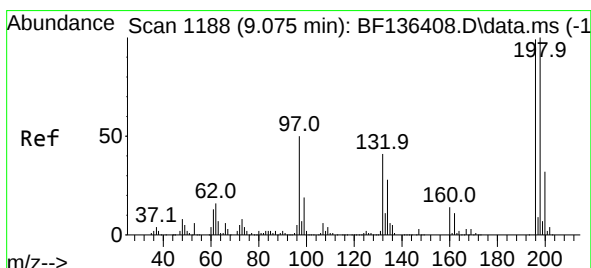
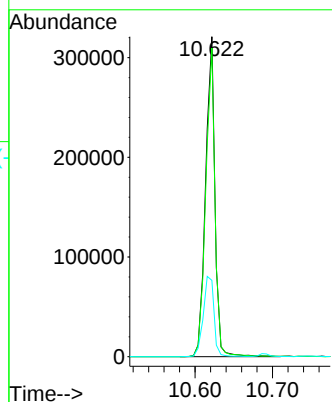
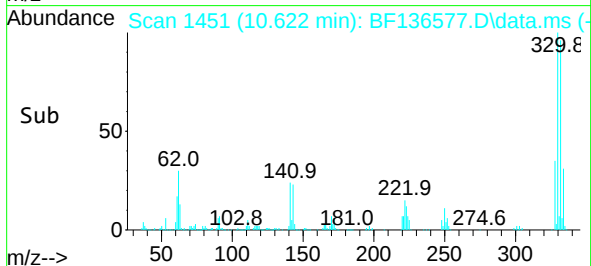
Tgt Ion:330 Resp: 269499
Ion Ratio Lower Upper
330 100
332 96.0 76.4 114.6
141 28.9 23.4 35.2

Manual Integrations

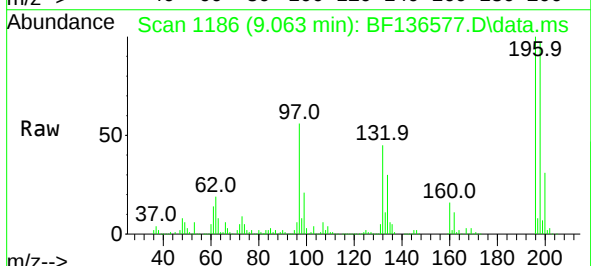
APPROVED

Reviewed By :Yogesh Patel 12/15/2023

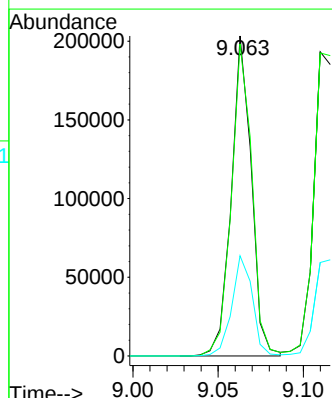
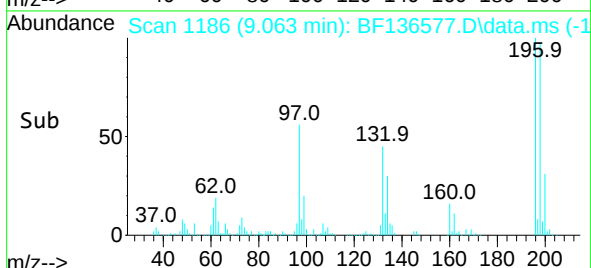
Supervised By :mohammad ahmed 12/15/2023

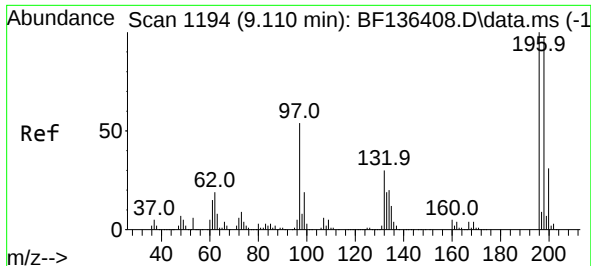


#43
2,4,6-Trichlorophenol
Concen: 44.683 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51



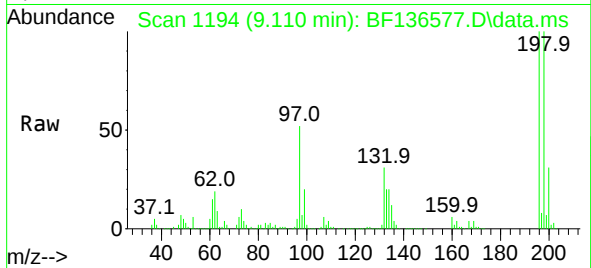
Tgt Ion:196 Resp: 166683
Ion Ratio Lower Upper
196 100
198 97.5 80.4 120.6
200 31.3 25.9 38.9





#44
2,4,5-Trichlorophenol
Concen: 41.328 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

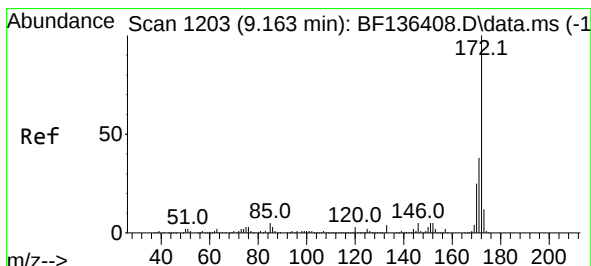
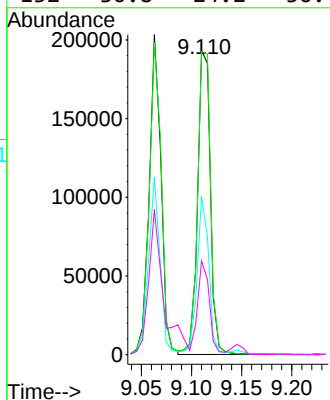
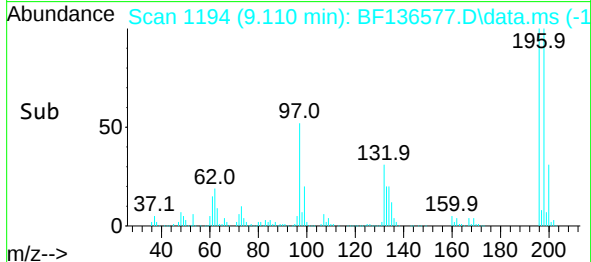
Instrument :
BNA_F
ClientSampleId :
VNJ-216MS



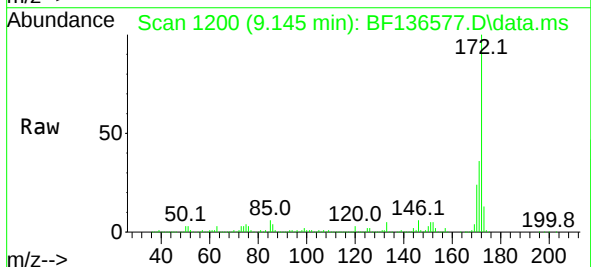
Tgt Ion:196 Resp: 172066
Ion Ratio Lower Upper
196 100
198 99.6 78.1 117.1
97 52.0 43.4 65.2
132 30.8 24.2 36.4

Manual Integrations
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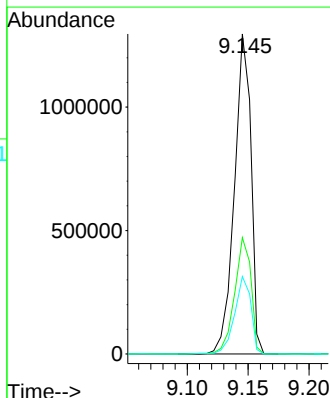
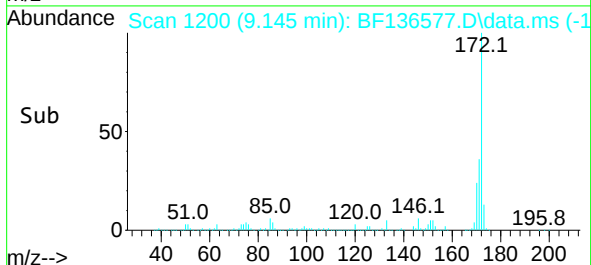
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

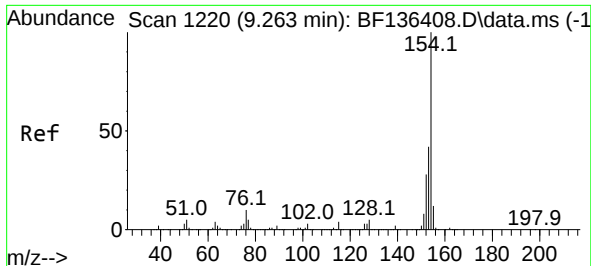


#45
2-Fluorobiphenyl
Concen: 90.554 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51



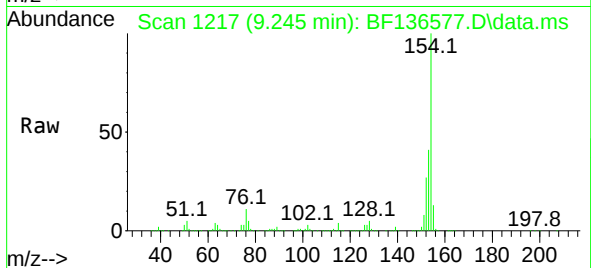
Tgt Ion:172 Resp: 1222066
Ion Ratio Lower Upper
172 100
171 36.3 30.5 45.7
170 24.2 19.9 29.9





#46
1,1'-Biphenyl
Concen: 47.253 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

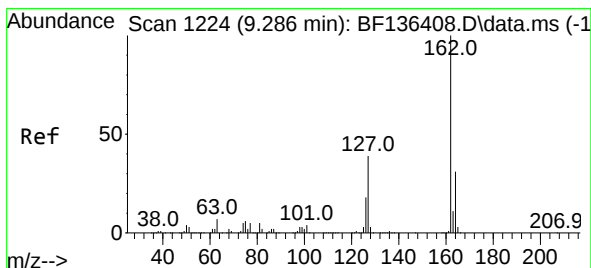
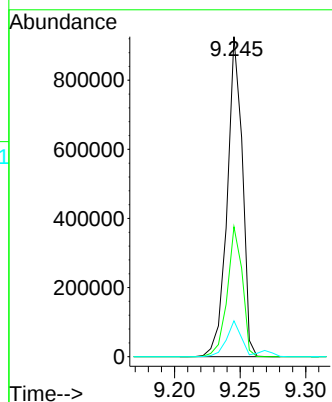
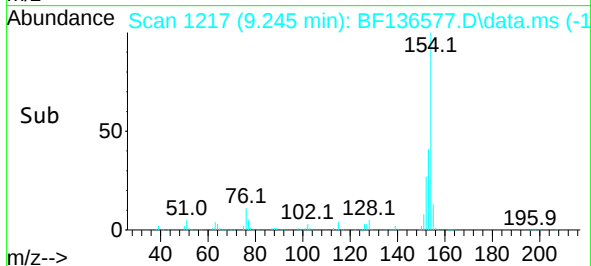
Instrument :
BNA_F
ClientSampleId :
VNJ-216MS



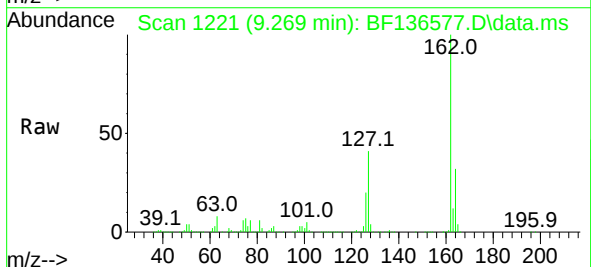
Tgt Ion:154 Resp: 740394
Ion Ratio Lower Upper
154 100
153 40.6 22.5 62.5
76 11.2 0.0 29.9

Manual Integrations
APPROVED

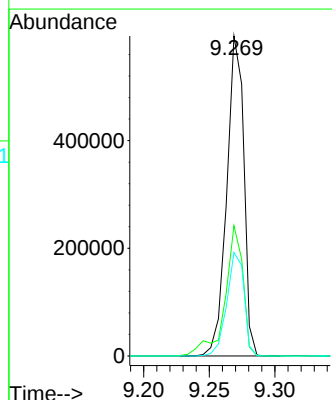
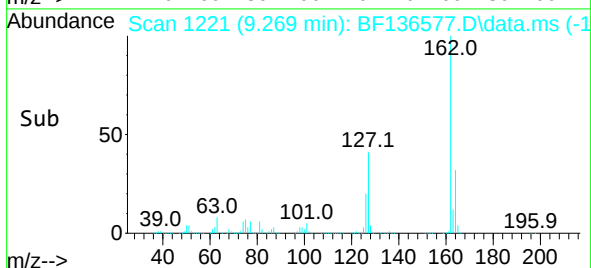
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

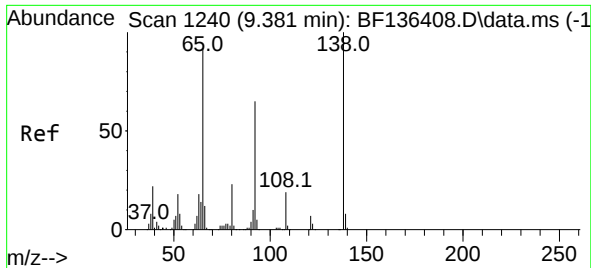


#47
2-Chloronaphthalene
Concen: 44.062 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51



Tgt Ion:162 Resp: 537356
Ion Ratio Lower Upper
162 100
127 40.7 31.1 46.7
164 32.4 24.6 37.0





#48
2-Nitroaniline
Concen: 41.421 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

Instrument :

BNA_F

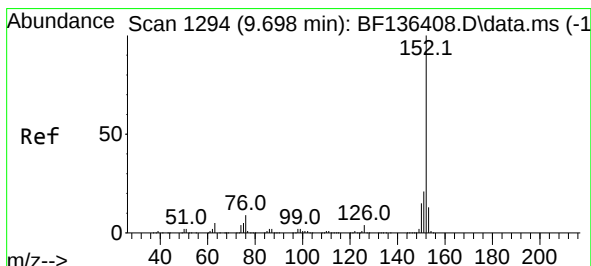
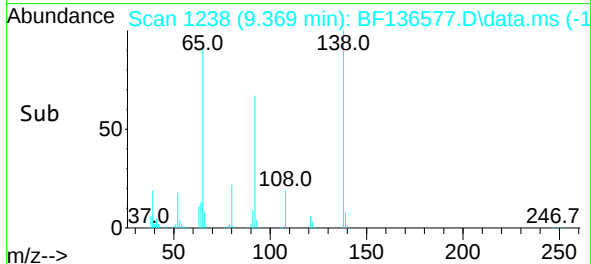
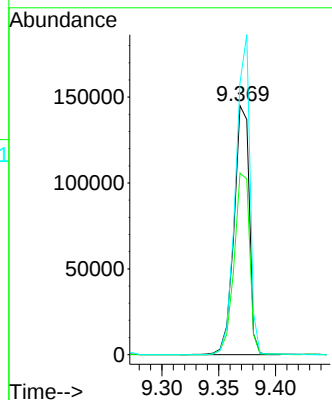
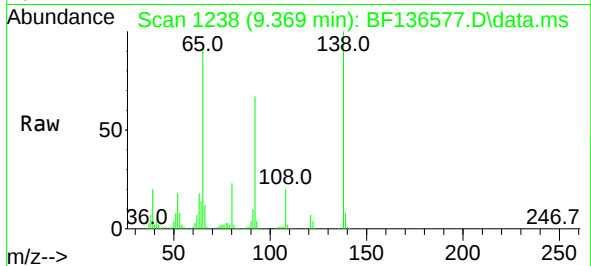
ClientSampleId :

VNJ-216MS

Tgt Ion: 65 Resp: 13548
Ion Ratio Lower Upper
65 100
92 73.0 56.1 84.1
138 109.4 86.7 130.1

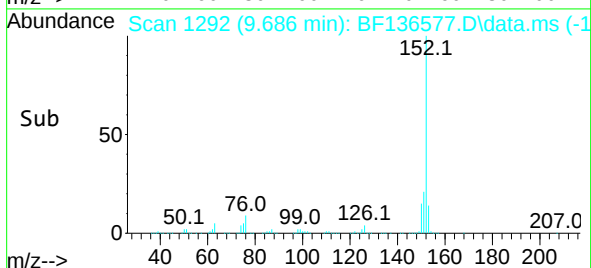
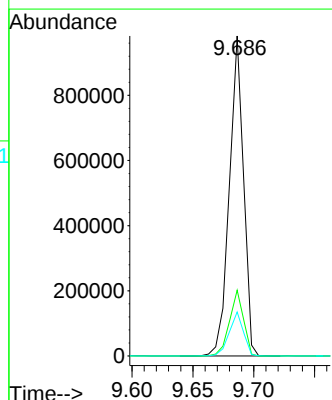
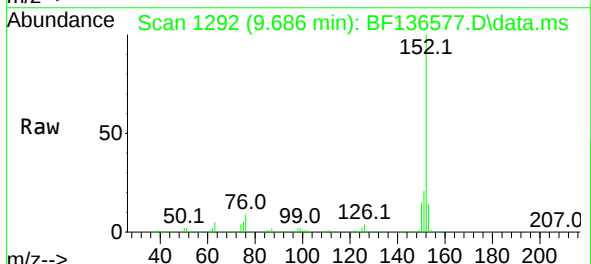
Manual Integrations
APPROVED

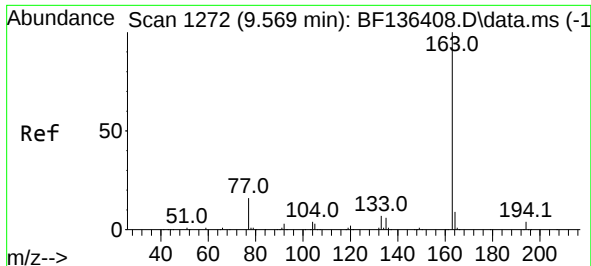
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#49
Acenaphthylene
Concen: 45.822 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

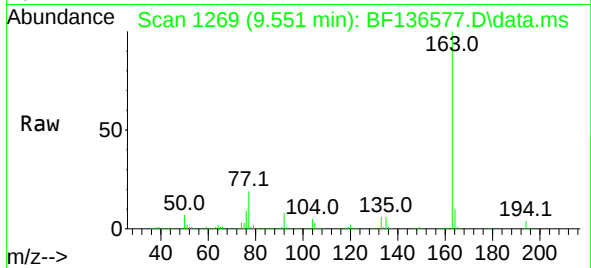
Tgt Ion:152 Resp: 796045
Ion Ratio Lower Upper
152 100
151 20.5 17.2 25.8
153 13.7 10.6 15.8





#50
Dimethylphthalate
Concen: 45.208 ng
RT: 9.551 min Scan# 1272
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

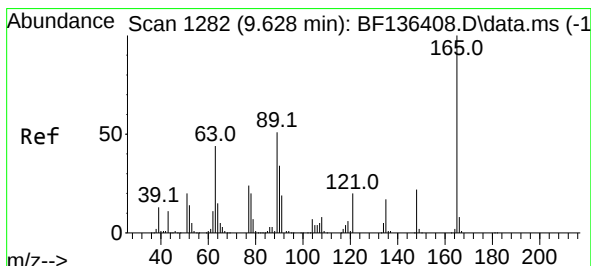
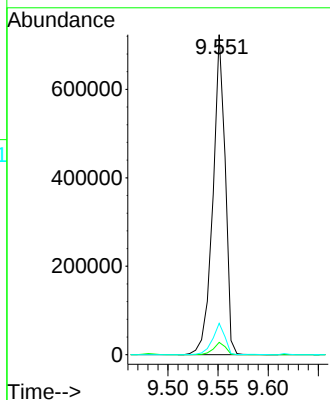
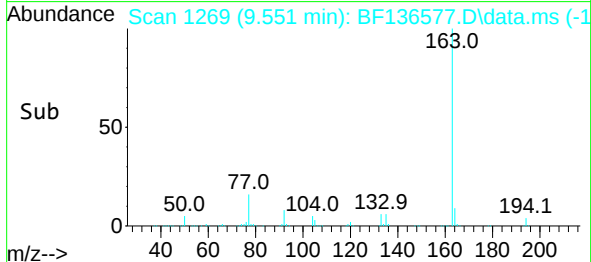
Instrument :
BNA_F
ClientSampleId :
VNJ-216MS



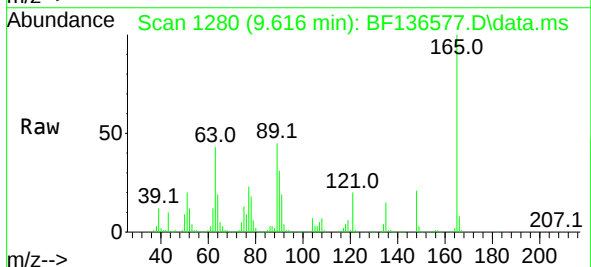
Tgt Ion:163 Resp: 61289
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 9.8 7.4 11.2

Manual Integrations
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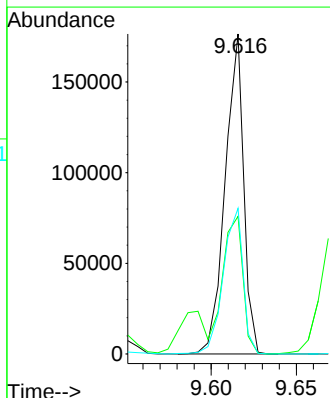
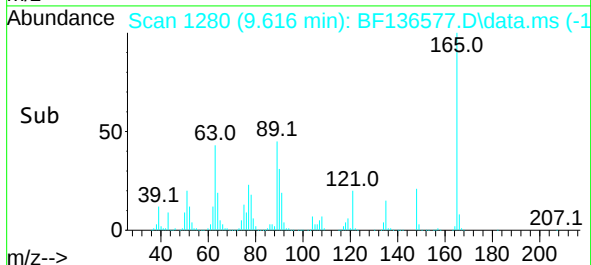
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

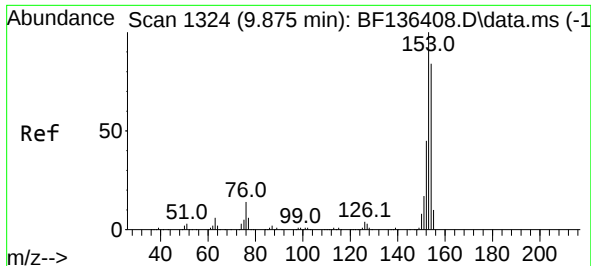


#51
2,6-Dinitrotoluene
Concen: 43.623 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51



Tgt Ion:165 Resp: 133051
Ion Ratio Lower Upper
165 100
63 43.0 40.4 60.6
89 45.5 40.6 60.8





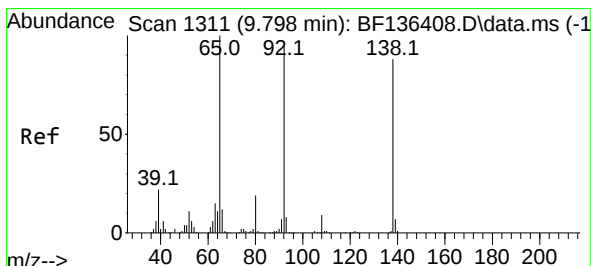
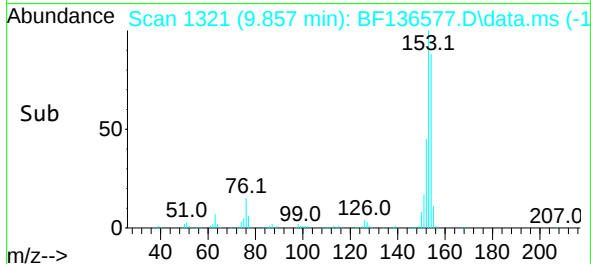
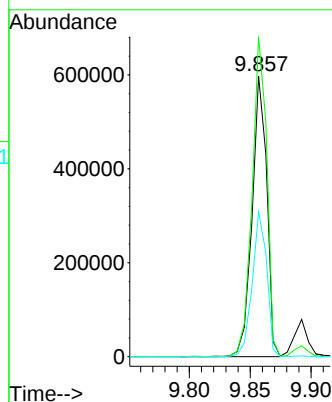
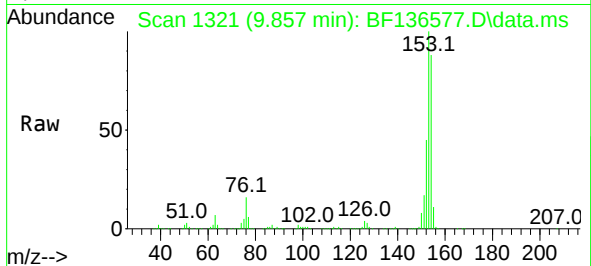
#52
Acenaphthene
Concen: 44.886 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

Instrument :
BNA_F
ClientSampleId :
VNJ-216MS

Tgt Ion:154 Resp: 49969
Ion Ratio Lower Upper
154 100
153 114.1 95.3 142.9
152 51.7 43.2 64.8

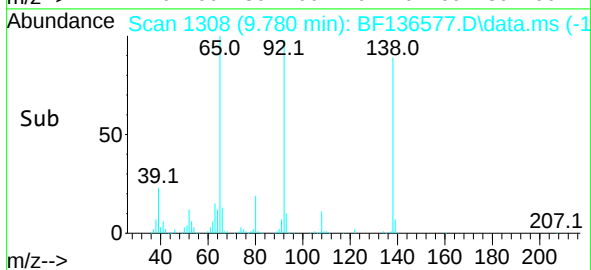
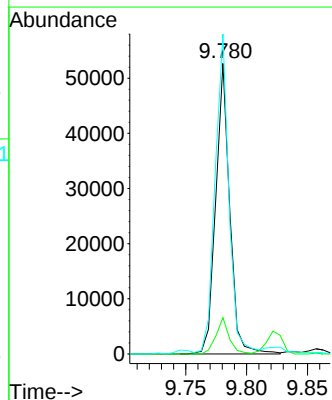
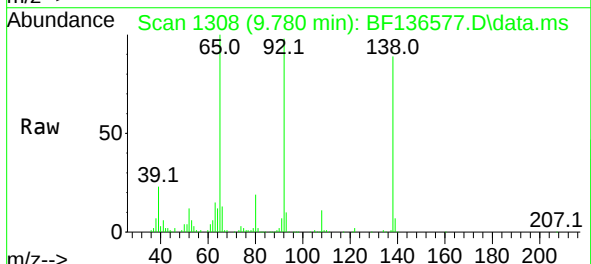
Manual Integrations
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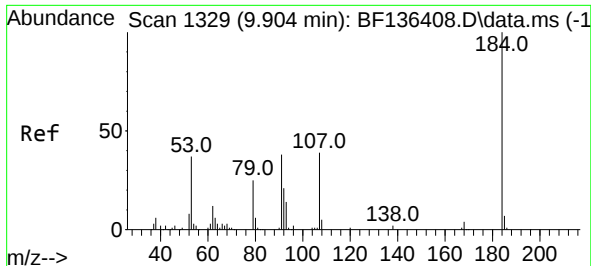
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#53
3-Nitroaniline
Concen: 13.504 ng
RT: 9.780 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

Tgt Ion:138 Resp: 42061
Ion Ratio Lower Upper
138 100
108 12.5 8.5 12.7
92 110.1 86.1 129.1





#54
2,4-Dinitrophenol
Concen: 61.354 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

Instrument :

BNA_F

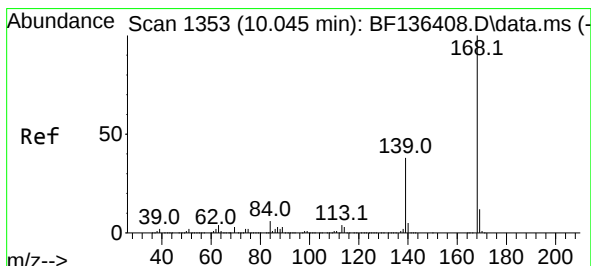
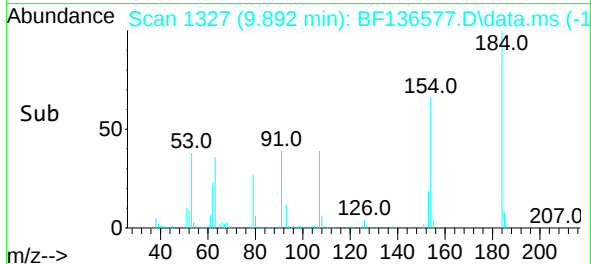
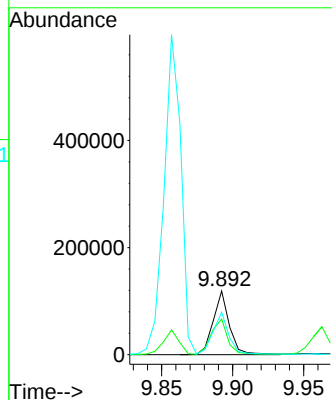
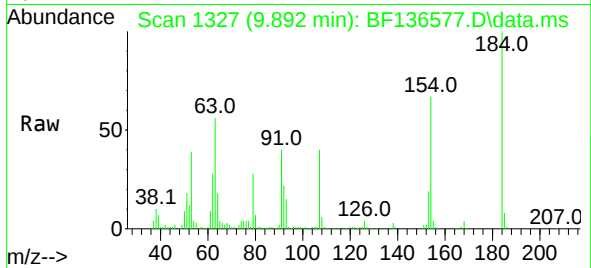
ClientSampleId :

VNJ-216MS

Tgt Ion:184 Resp: 94614
Ion Ratio Lower Upper
184 100
63 56.0 39.1 58.7
154 66.7 49.9 74.9

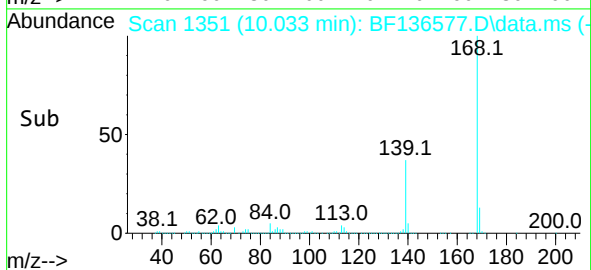
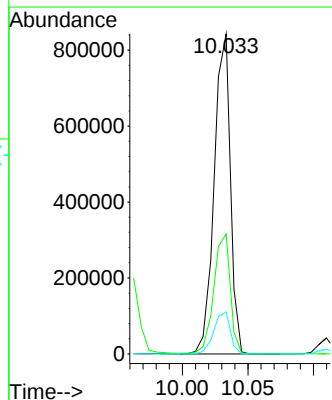
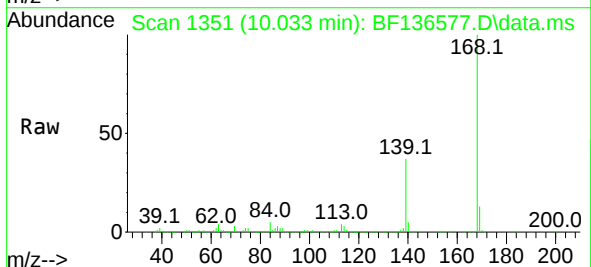
Manual Integrations
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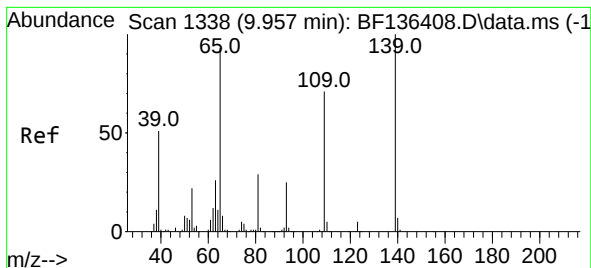
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#55
Dibenzofuran
Concen: 44.500 ng
RT: 10.033 min Scan# 1351
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

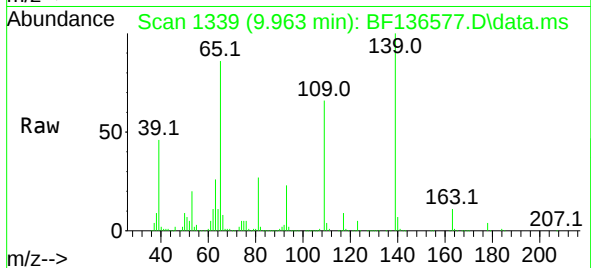
Tgt Ion:168 Resp: 723723
Ion Ratio Lower Upper
168 100
139 37.5 30.4 45.6
169 13.1 9.9 14.9





#56
4-Nitrophenol
Concen: 70.062 ng
RT: 9.963 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

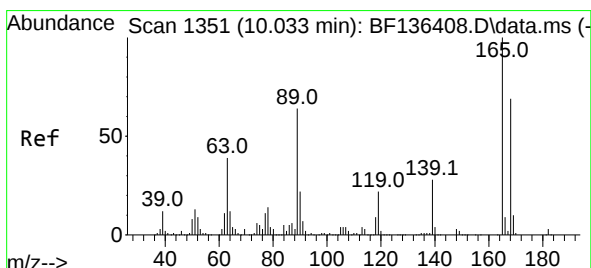
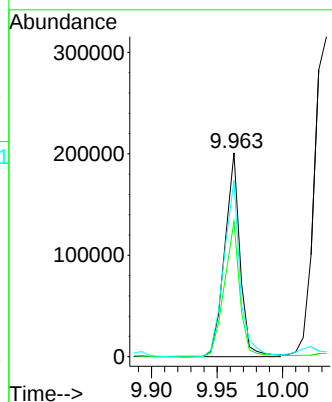
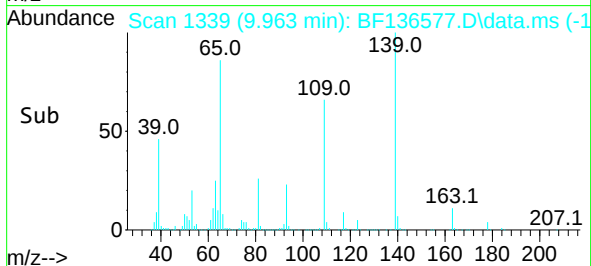
Instrument :
BNA_F
ClientSampleId :
VNJ-216MS



Tgt Ion:139 Resp: 163584
Ion Ratio Lower Upper
139 100
109 66.4 50.6 90.6
65 86.5 73.1 113.1

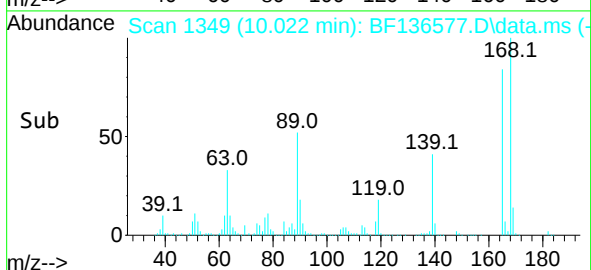
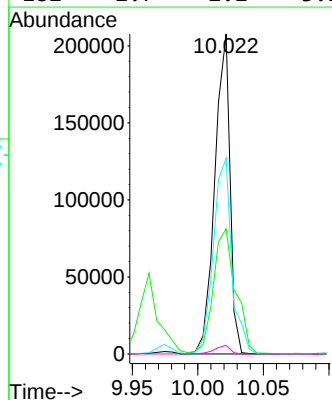
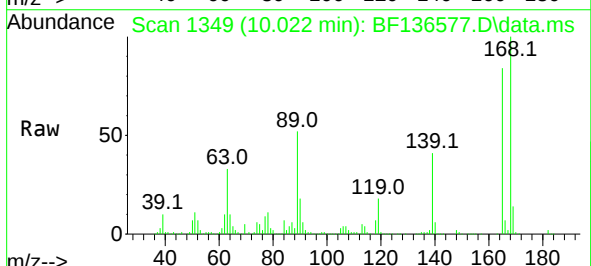
Manual Integrations
APPROVED

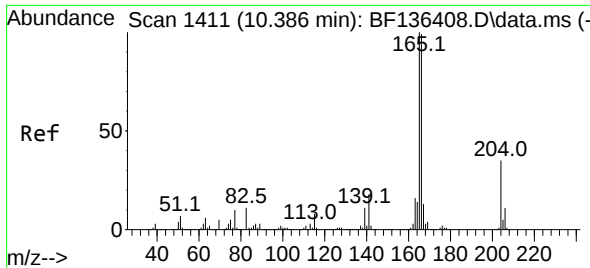
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#57
2,4-Dinitrotoluene
Concen: 41.462 ng
RT: 10.022 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

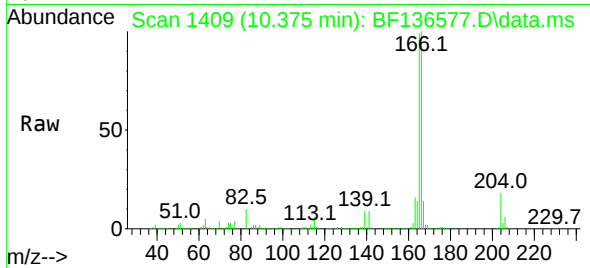
Tgt Ion:165 Resp: 167293
Ion Ratio Lower Upper
165 100
63 39.1 31.4 47.2
89 61.2 51.7 77.5
182 2.7 2.2 3.2





#58
Fluorene
Concen: 43.762 ng
RT: 10.375 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

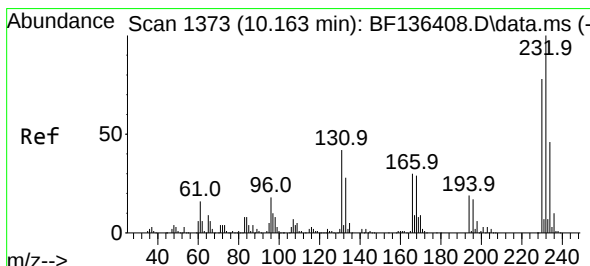
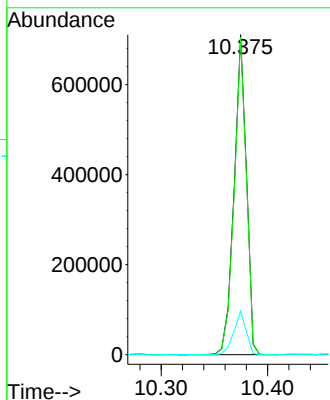
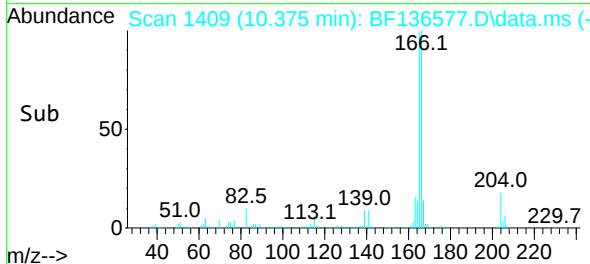
Instrument :
BNA_F
ClientSampleId :
VNJ-216MS



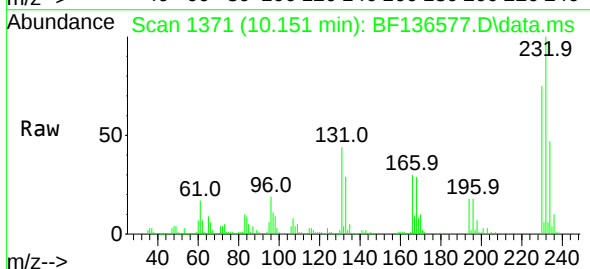
Tgt Ion:166 Resp: 57131
Ion Ratio Lower Upper
166 100
165 99.1 80.5 120.7
167 13.6 10.5 15.7

Manual Integrations
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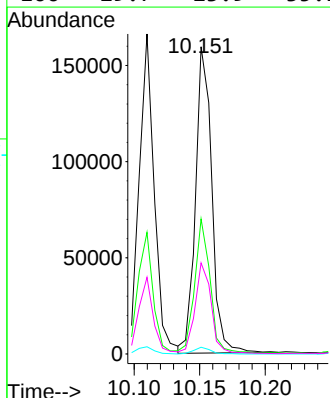
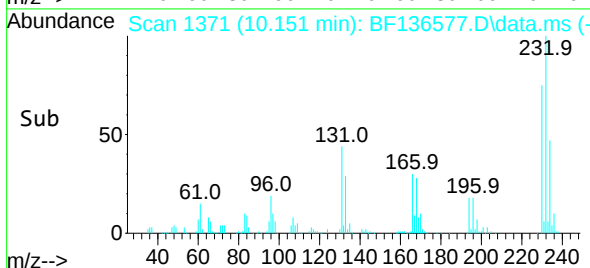
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

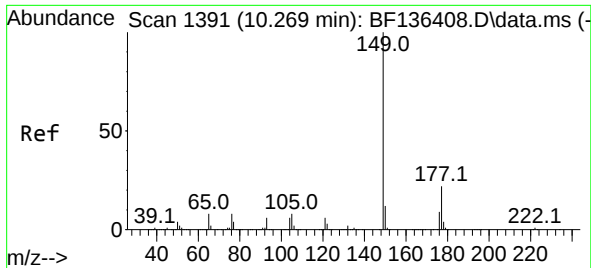


#59
2,3,4,6-Tetrachlorophenol
Concen: 41.302 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51



Tgt Ion:232 Resp: 137740
Ion Ratio Lower Upper
232 100
131 42.5 34.3 51.5
130 2.3 1.6 2.4
166 29.7 23.9 35.9





#60
Diethylphthalate
Concen: 42.103 ng
RT: 10.251 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

Instrument :

BNA_F

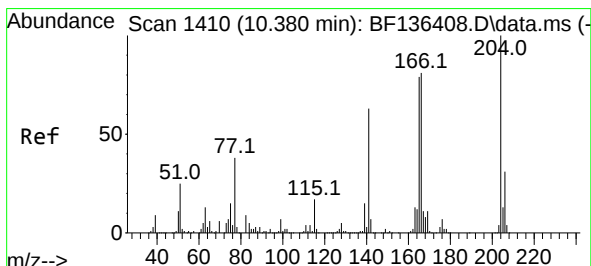
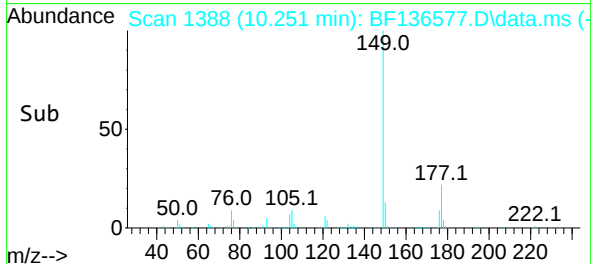
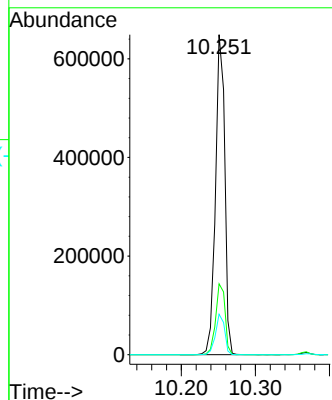
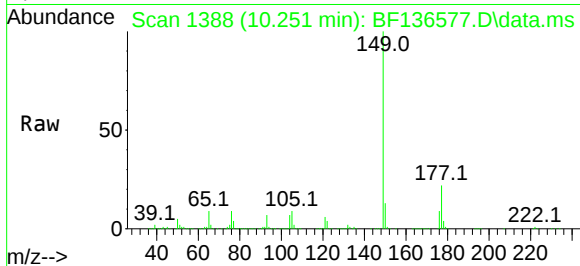
ClientSampleId :

VNJ-216MS

Tgt Ion:149 Resp: 56129
Ion Ratio Lower Upper
149 100
177 22.1 17.8 26.8
150 12.7 9.4 14.0

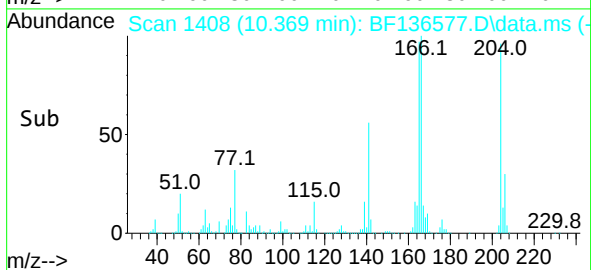
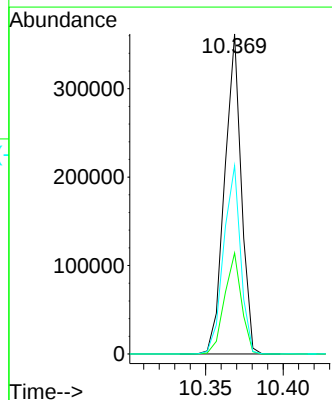
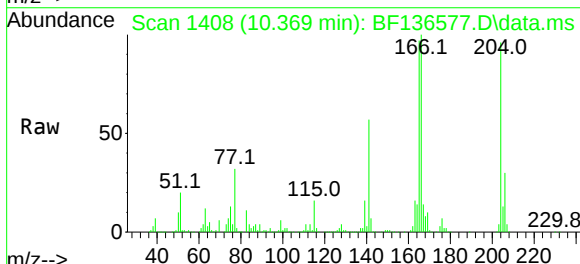
Manual Integrations
APPROVED

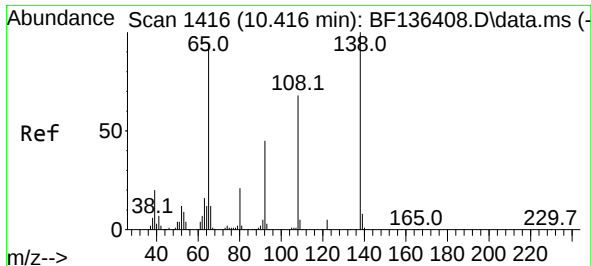
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#61
4-Chlorophenyl-phenylether
Concen: 42.463 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

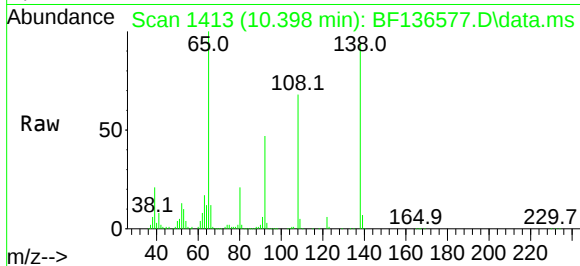
Tgt Ion:204 Resp: 270245
Ion Ratio Lower Upper
204 100
206 31.6 24.6 36.8
141 58.8 50.3 75.5





#62
4-Nitroaniline
Concen: 34.565 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

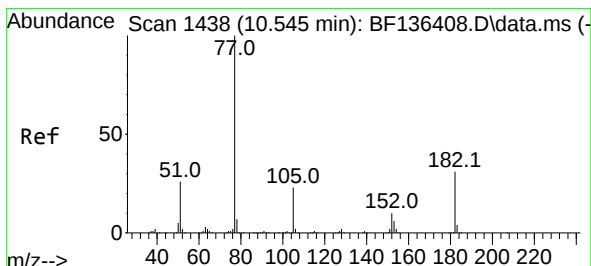
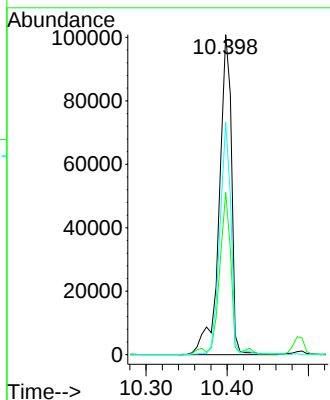
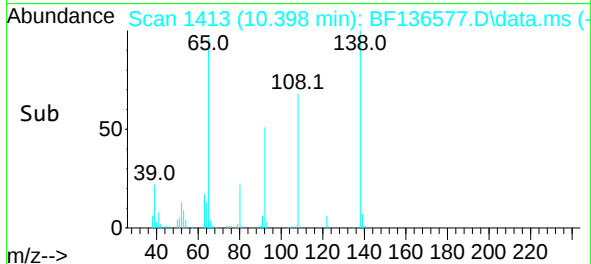
Instrument :
BNA_F
ClientSampleId :
VNJ-216MS



Tgt Ion:138 Resp: 106890
Ion Ratio Lower Upper
138 100
92 50.7 25.0 65.0
108 72.6 47.9 87.9

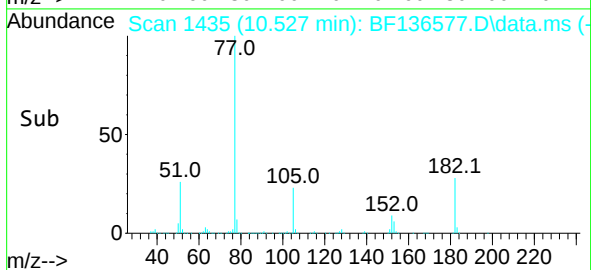
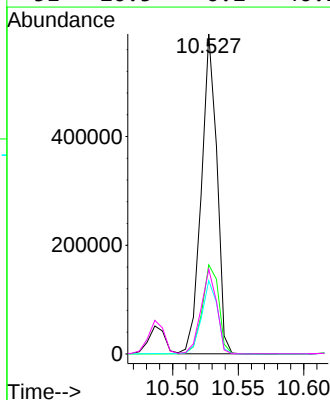
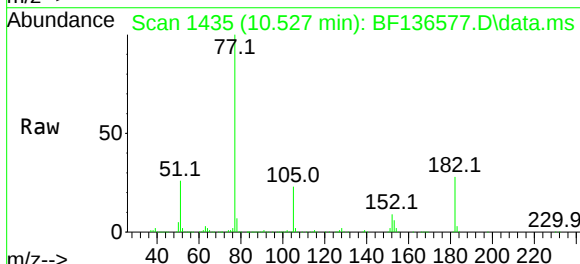
Manual Integrations
APPROVED

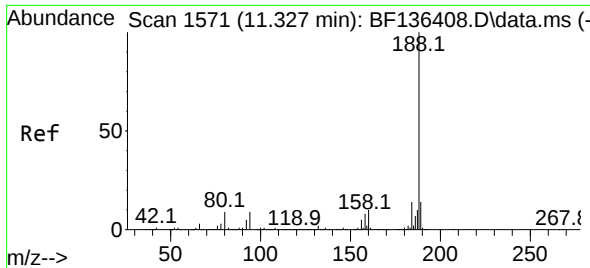
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#63
Azobenzene
Concen: 39.929 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

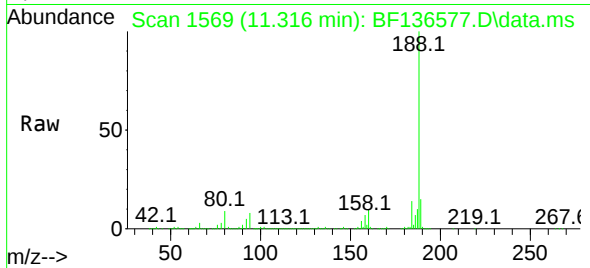
Tgt Ion: 77 Resp: 484514
Ion Ratio Lower Upper
77 100
182 27.9 10.8 50.8
105 22.9 2.6 42.6
51 26.5 6.2 46.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

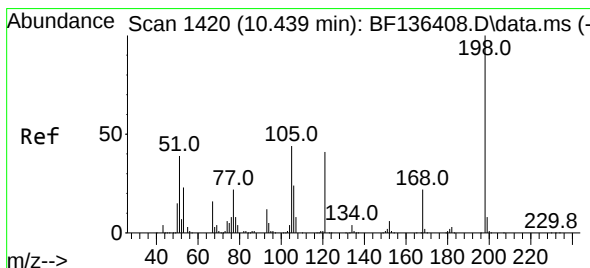
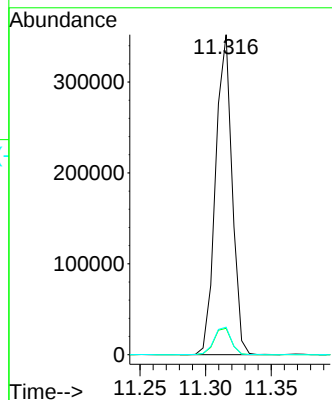
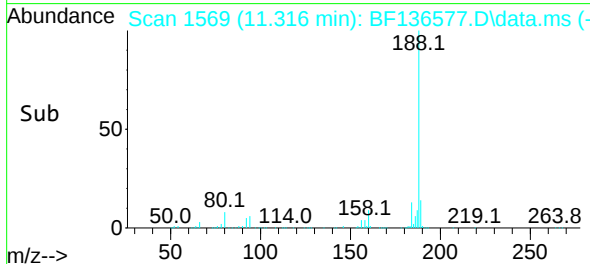
Instrument :
BNA_F
ClientSampleId :
VNJ-216MS



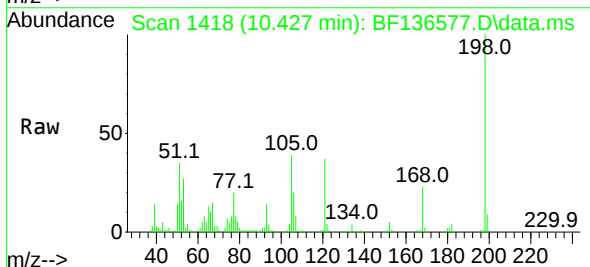
Tgt Ion:188 Resp: 307550
Ion Ratio Lower Upper
188 100
94 8.3 7.2 10.8
80 8.6 7.2 10.8

Manual Integrations
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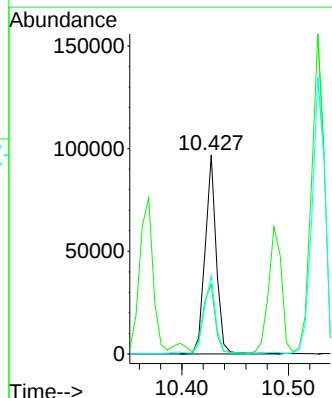
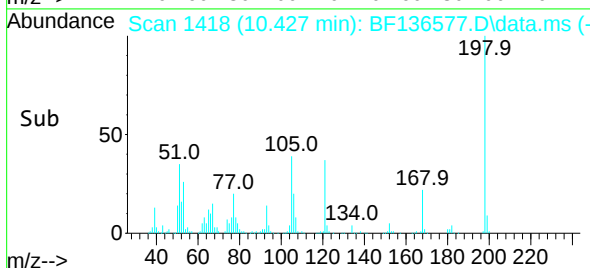
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

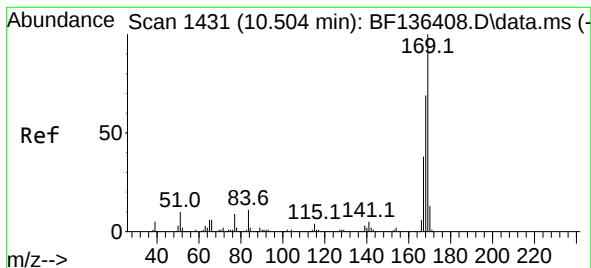


#65
4,6-Dinitro-2-methylphenol
Concen: 37.308 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51



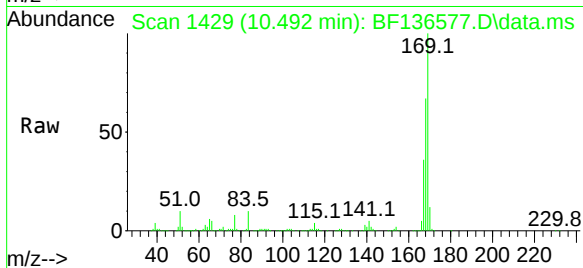
Tgt Ion:198 Resp: 71062
Ion Ratio Lower Upper
198 100
51 35.1 24.1 64.1
105 39.2 24.8 64.8





#66
n-Nitrosodiphenylamine
Concen: 46.545 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

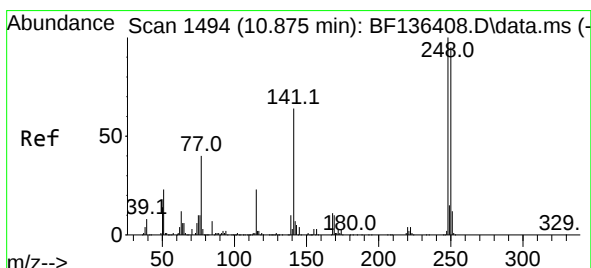
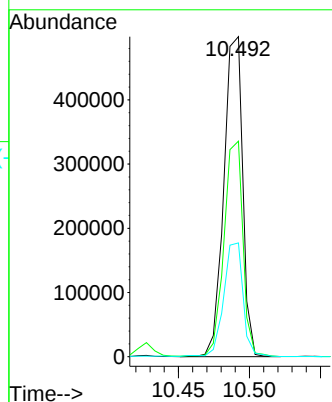
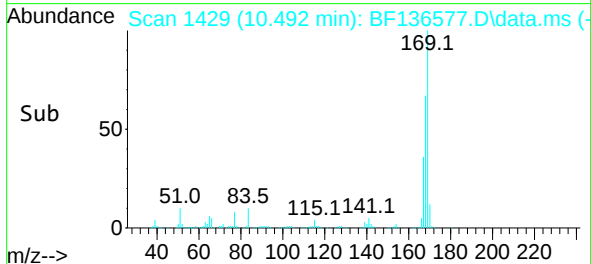
Instrument :
BNA_F
ClientSampleId :
VNJ-216MS



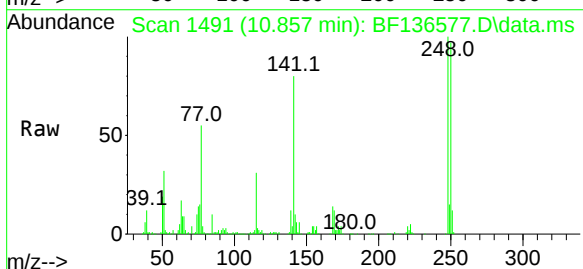
Tgt Ion:169 Resp: 45934
Ion Ratio Lower Upper
169 100
168 67.4 55.3 82.9
167 35.5 30.1 45.1

Manual Integrations
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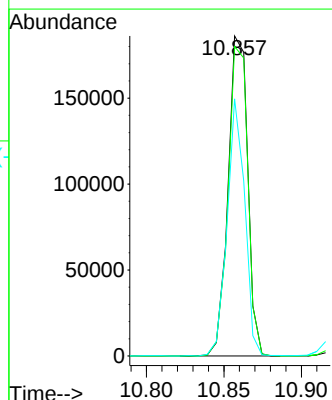
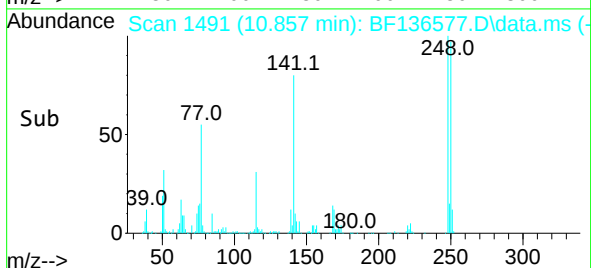
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

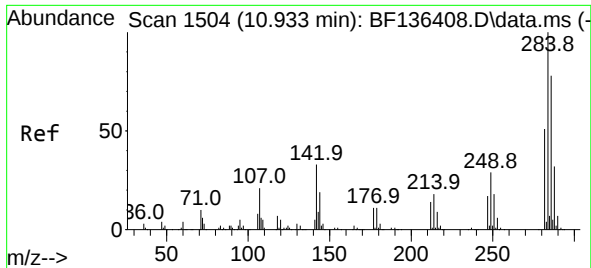


#67
4-Bromophenyl-phenylether
Concen: 45.931 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51



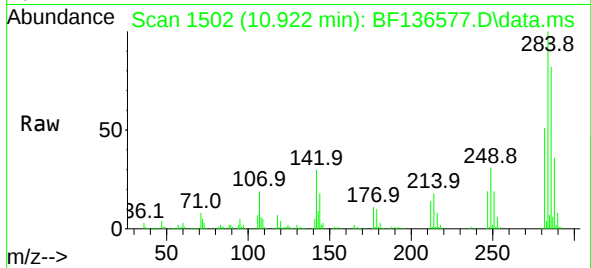
Tgt Ion:248 Resp: 164242
Ion Ratio Lower Upper
248 100
250 96.7 76.2 114.2
141 80.4 51.0 76.4#





#68
Hexachlorobenzene
Concen: 44.848 ng
RT: 10.922 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

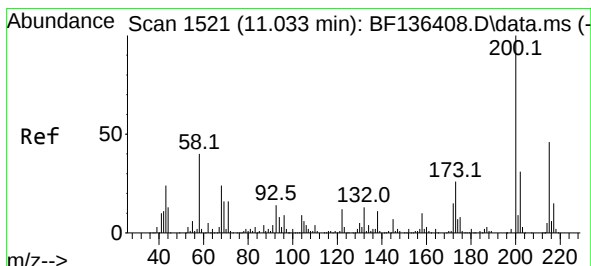
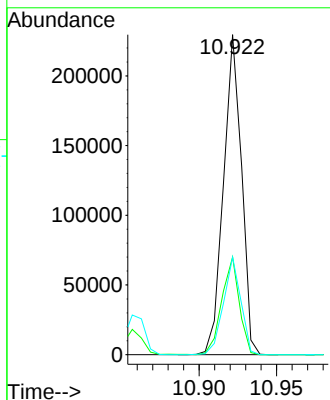
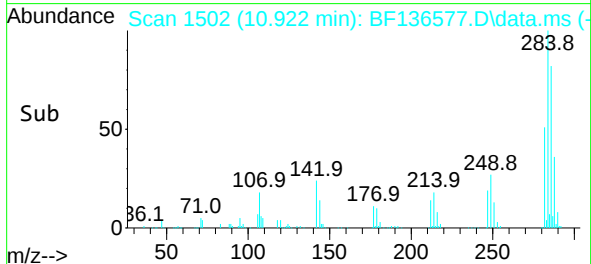
Instrument :
BNA_F
ClientSampleId :
VNJ-216MS



Tgt Ion:284 Resp: 185349
Ion Ratio Lower Upper
284 100
142 30.5 26.5 39.7
249 30.5 23.4 35.0

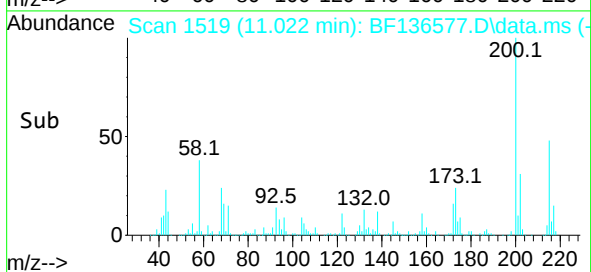
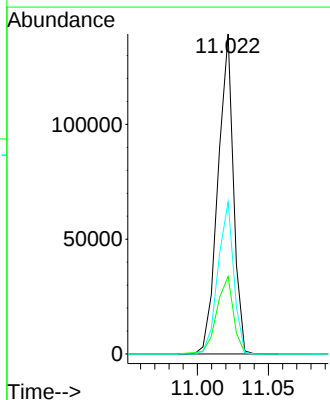
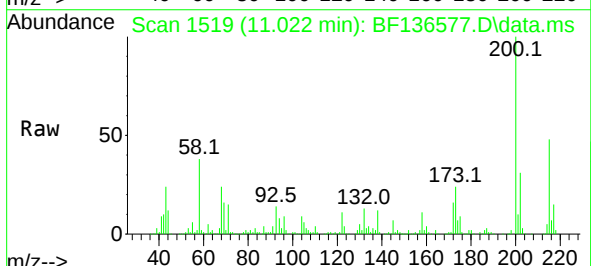
Manual Integrations
APPROVED

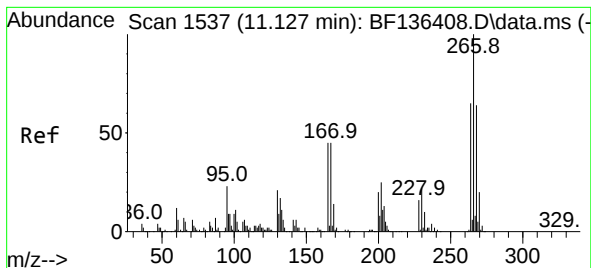
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#69
Atrazine
Concen: 37.464 ng
RT: 11.022 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

Tgt Ion:200 Resp: 105525
Ion Ratio Lower Upper
200 100
173 24.2 6.0 46.0
215 47.6 25.5 65.5





#70

Pentachlorophenol

Concen: 84.136 ng

RT: 11.122 min Scan# 1537

Delta R.T. -0.000 min

Lab File: BF136577.D

Acq: 14 Dec 2023 19:51

Instrument :

BNA_F

ClientSampleId :

VNJ-216MS

Tgt Ion:266 Resp: 19624

Ion Ratio Lower Upper

266 100

268 62.9 51.0 76.6

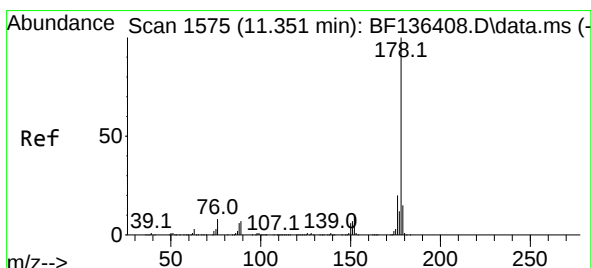
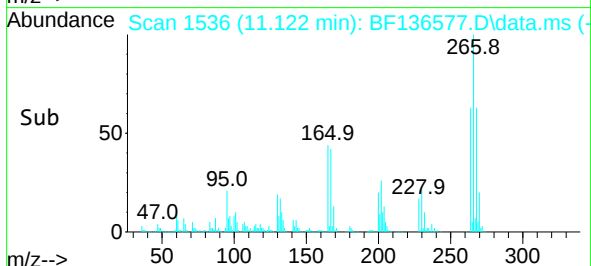
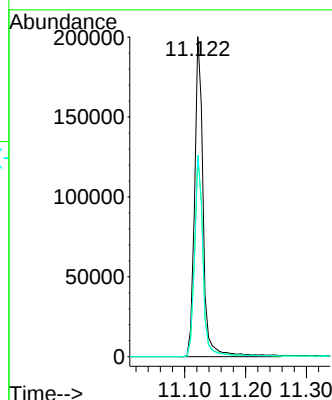
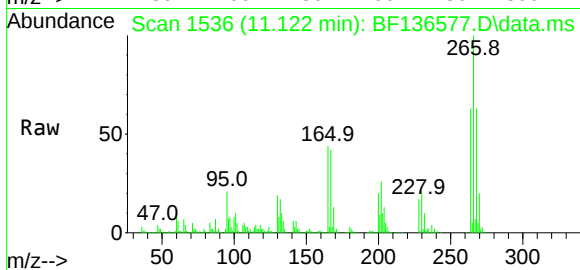
264 62.9 52.2 78.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#71

Phenanthrene

Concen: 47.275 ng

RT: 11.339 min Scan# 1573

Delta R.T. -0.000 min

Lab File: BF136577.D

Acq: 14 Dec 2023 19:51

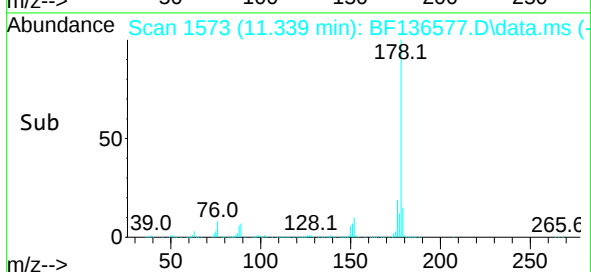
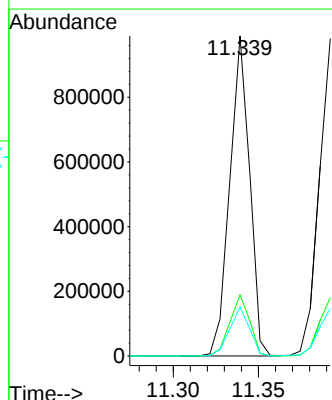
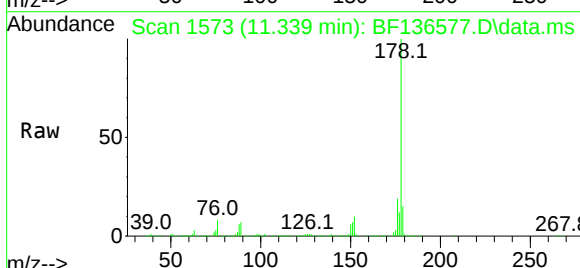
Tgt Ion:178 Resp: 799171

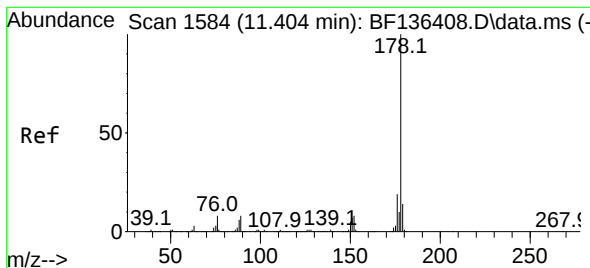
Ion Ratio Lower Upper

178 100

176 19.1 15.9 23.9

179 15.2 11.8 17.6





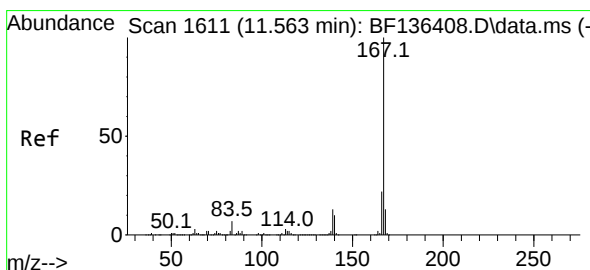
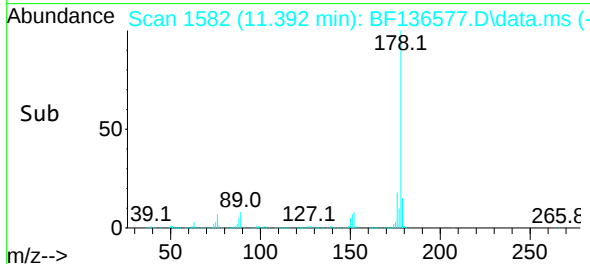
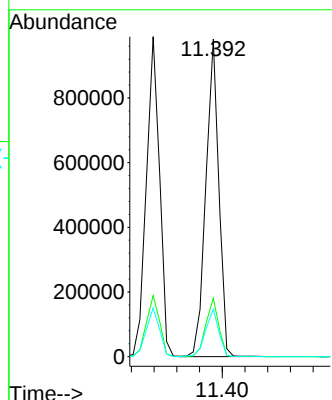
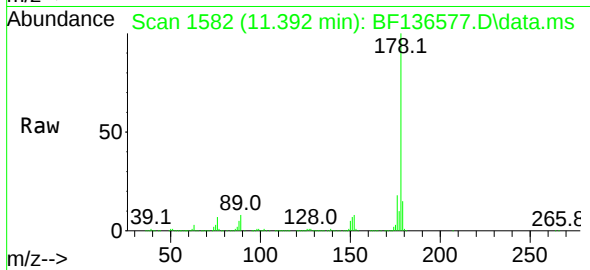
#72
 Anthracene
 Concen: 45.526 ng
 RT: 11.392 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF136577.D
 Acq: 14 Dec 2023 19:51

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-216MS

Tgt Ion:178 Resp: 77514
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.3 22.9
 179 15.0 11.4 17.0

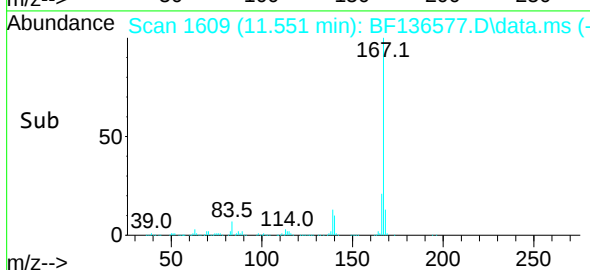
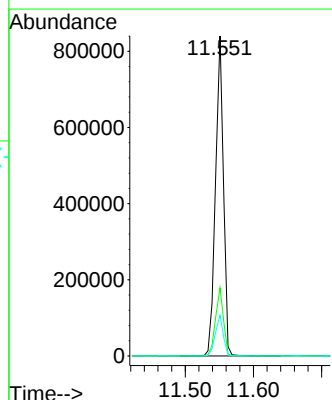
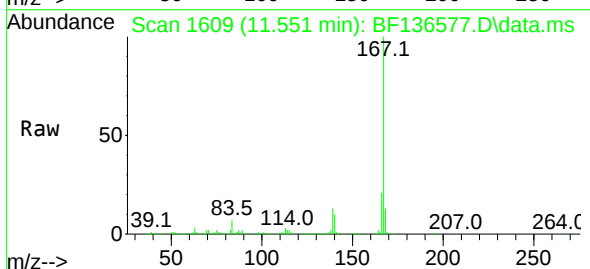
Manual Integrations
 APPROVED

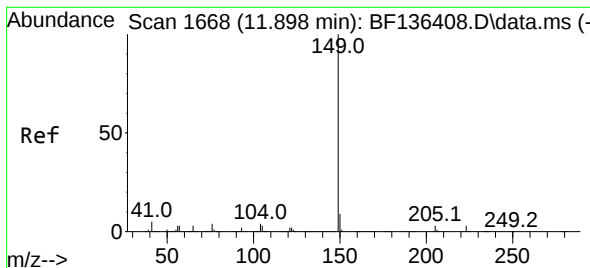
Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/15/2023



#73
 Carbazole
 Concen: 45.357 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF136577.D
 Acq: 14 Dec 2023 19:51

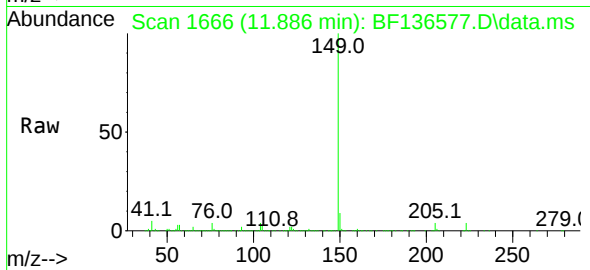
Tgt Ion:167 Resp: 683523
 Ion Ratio Lower Upper
 167 100
 166 21.3 18.0 27.0
 139 12.7 10.2 15.4





#74
Di-n-butylphthalate
Concen: 45.352 ng
RT: 11.886 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

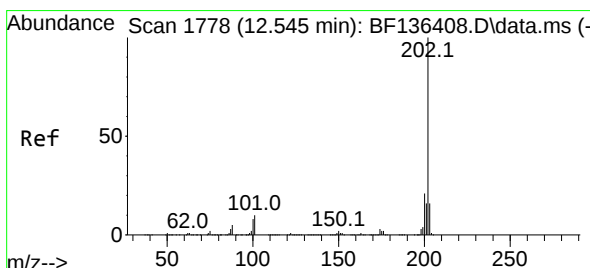
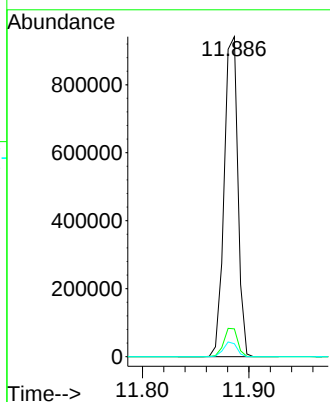
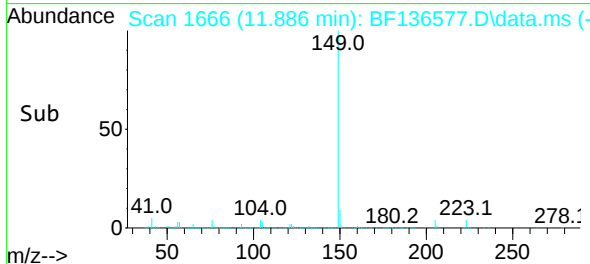
Instrument :
BNA_F
ClientSampleId :
VNJ-216MS



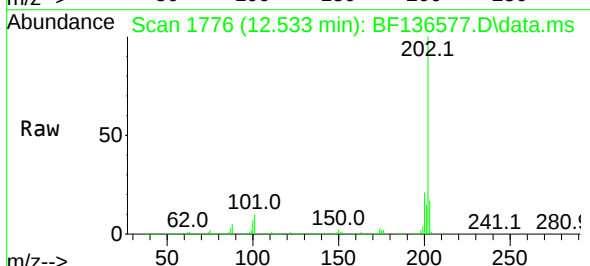
Tgt Ion:149 Resp: 83785
Ion Ratio Lower Upper
149 100
150 8.7 6.9 10.3
104 4.0 3.5 5.3

Manual Integrations
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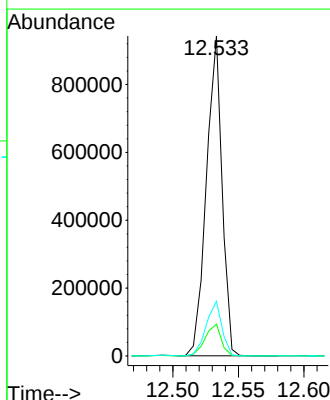
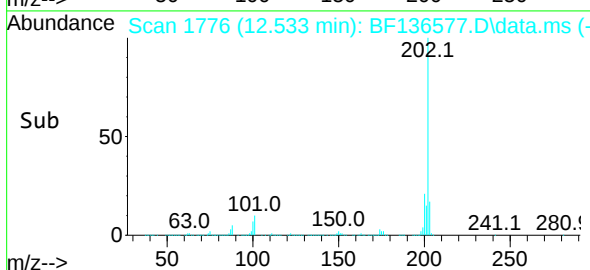
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

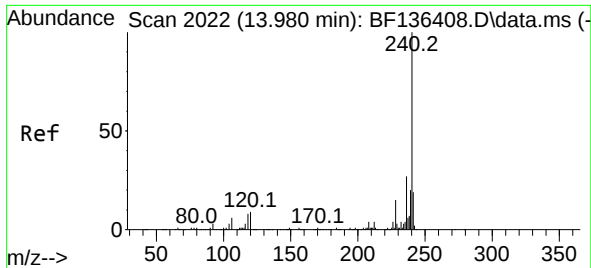


#75
Fluoranthene
Concen: 44.324 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51



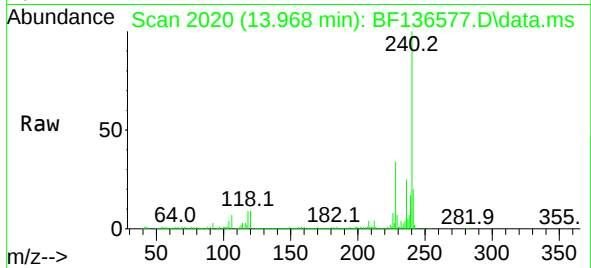
Tgt Ion:202 Resp: 785206
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.9
203 17.1 0.0 36.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

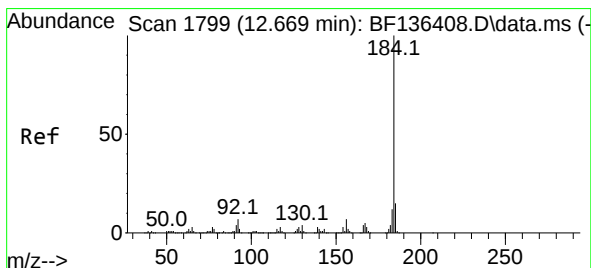
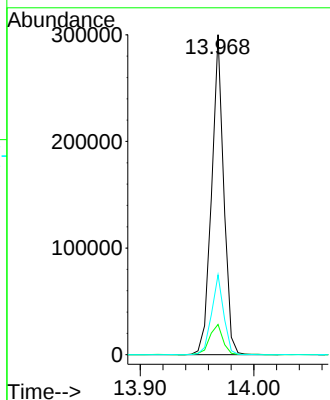
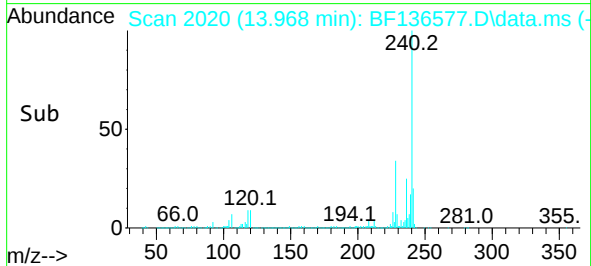
Instrument :
BNA_F
ClientSampleId :
VNJ-216MS



Tgt Ion:240 Resp: 221979
Ion Ratio Lower Upper
240 100
120 9.5 7.3 10.9
236 25.0 21.3 31.9

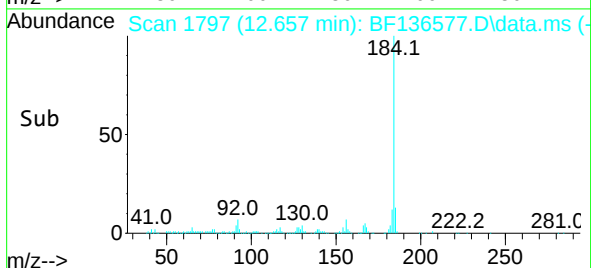
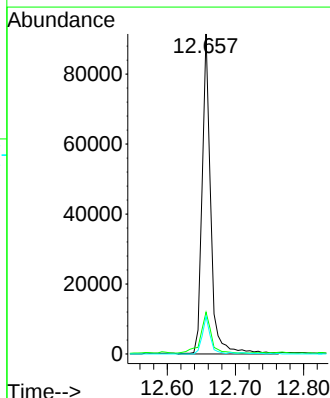
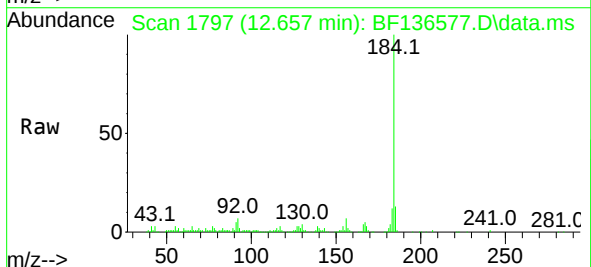
Manual Integrations
APPROVED

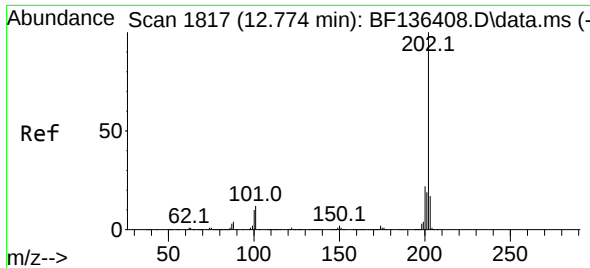
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#77
Benzidine
Concen: 22.203 ng
RT: 12.657 min Scan# 1797
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

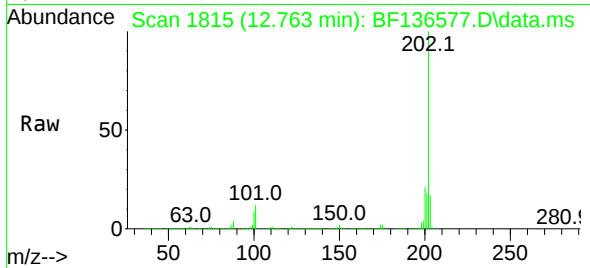
Tgt Ion:184 Resp: 80601
Ion Ratio Lower Upper
184 100
185 13.0 12.0 18.0
183 11.7 9.4 14.0





#78
Pyrene
Concen: 36.556 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

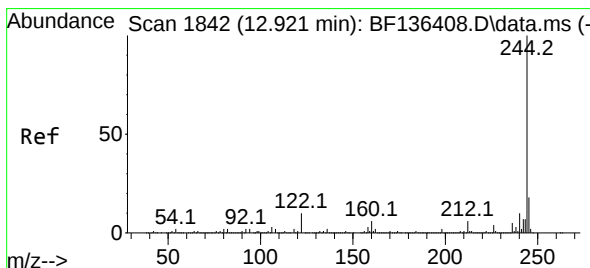
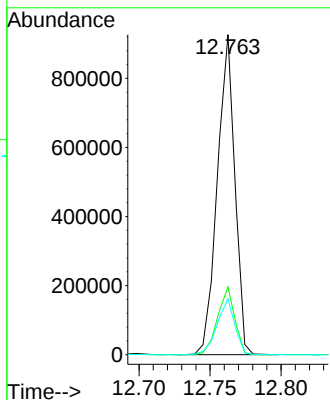
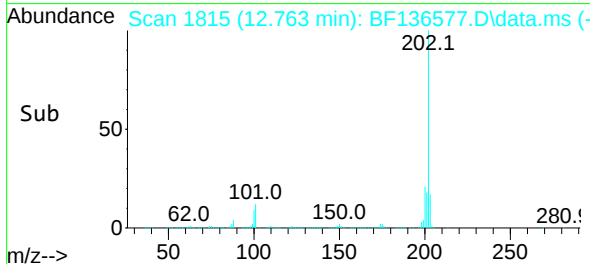
Instrument :
BNA_F
ClientSampleId :
VNJ-216MS



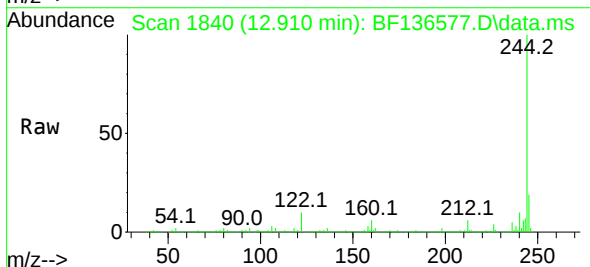
Tgt Ion:202 Resp: 794725
Ion Ratio Lower Upper
202 100
200 21.2 18.0 27.0
203 17.5 13.5 20.3

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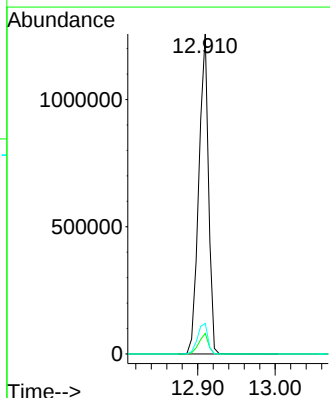
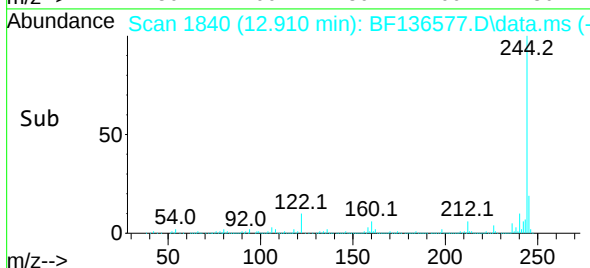
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

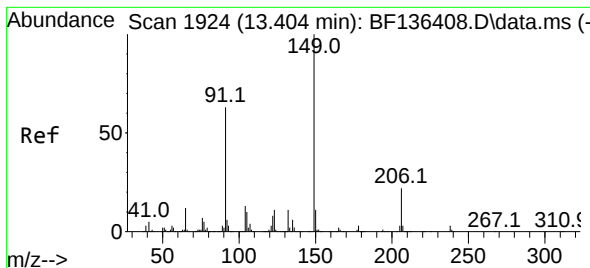


#79
Terphenyl-d14
Concen: 64.559 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51



Tgt Ion:244 Resp: 1087278
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.4
122 9.6 8.3 12.5





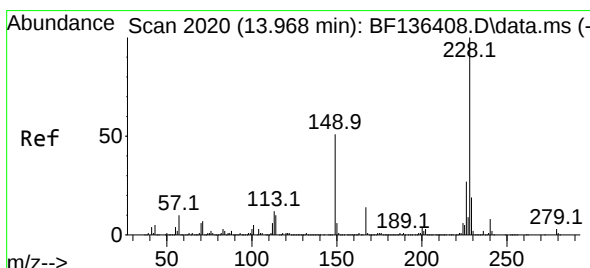
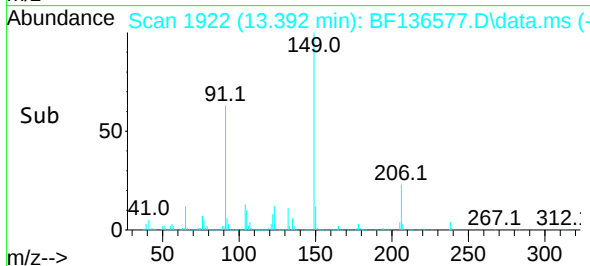
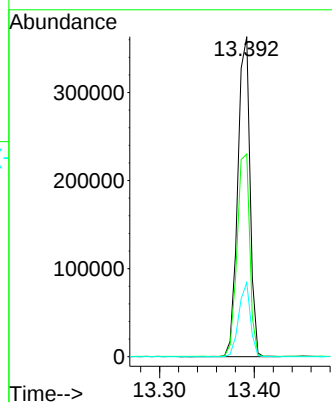
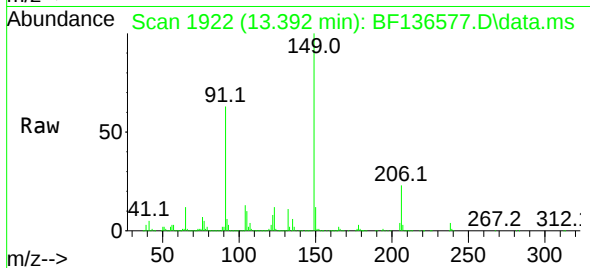
#80
Butylbenzylphthalate
Concen: 42.078 ng
RT: 13.392 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

Instrument :
BNA_F
ClientSampleId :
VNJ-216MS

Tgt Ion:149 Resp: 32564
Ion Ratio Lower Upper
149 100
91 63.3 50.5 75.7
206 23.2 17.4 26.2

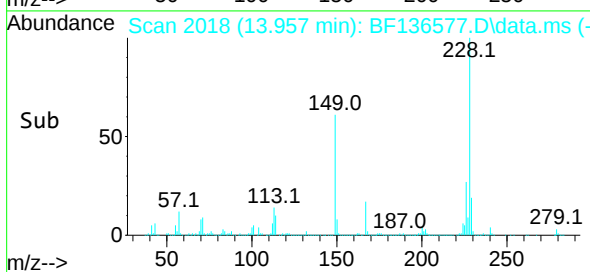
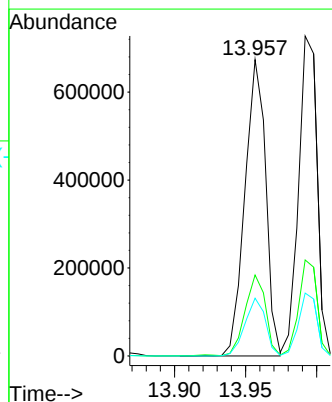
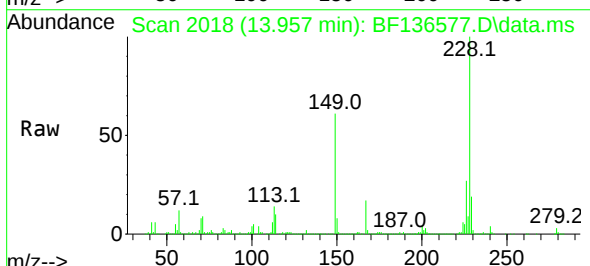
Manual Integrations
APPROVED

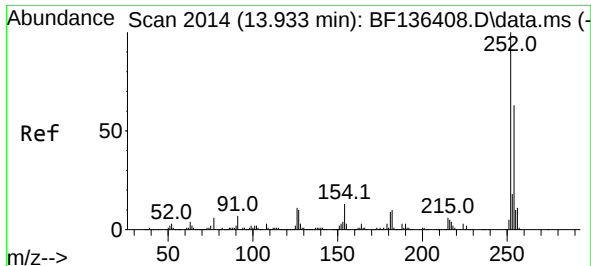
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#81
Benzo(a)anthracene
Concen: 44.407 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

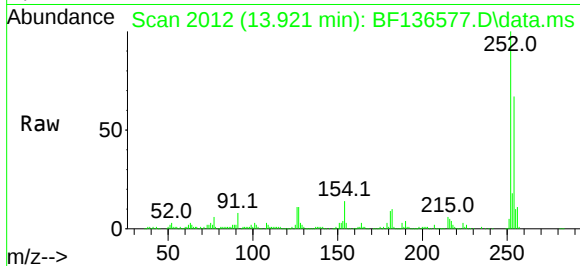
Tgt Ion:228 Resp: 686625
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.5 15.0 22.4





#82
3,3'-Dichlorobenzidine
Concen: 28.237 ng
RT: 13.921 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

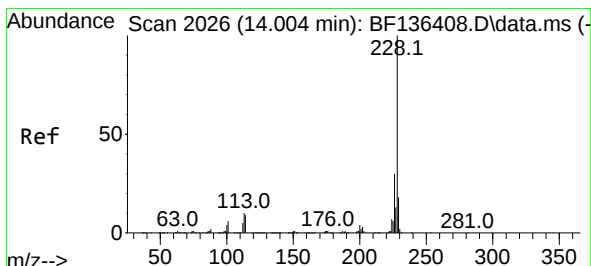
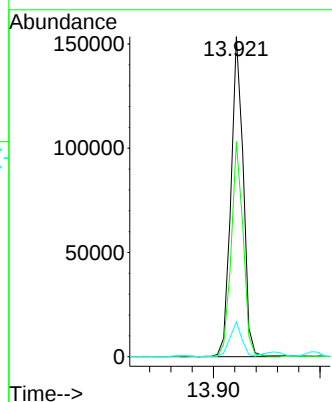
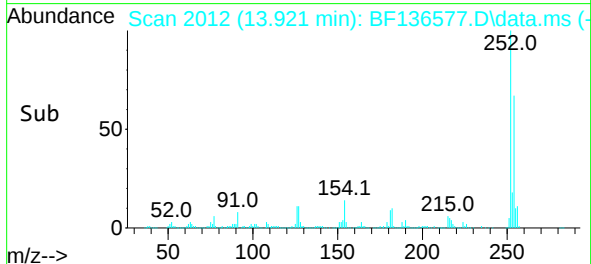
Instrument :
BNA_F
ClientSampleId :
VNJ-216MS



Tgt Ion:252 Resp: 122417
Ion Ratio Lower Upper
252 100
254 67.2 50.8 76.2
126 10.8 8.6 12.8

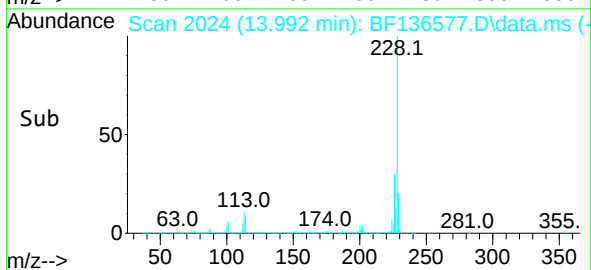
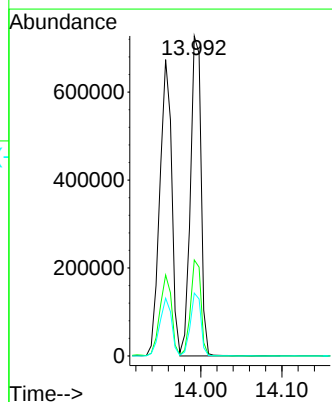
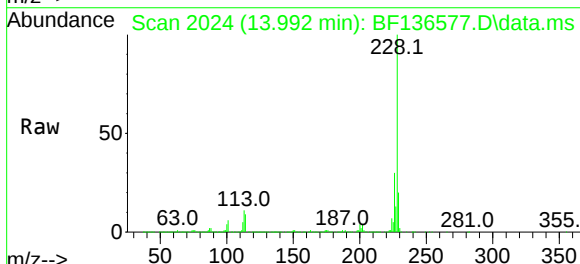
Manual Integrations
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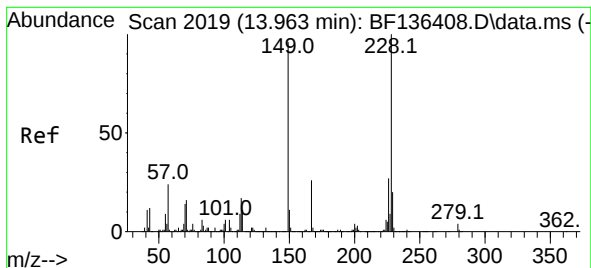
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#83
Chrysene
Concen: 43.413 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

Tgt Ion:228 Resp: 660433
Ion Ratio Lower Upper
228 100
226 30.0 23.8 35.6
229 19.7 14.8 22.2





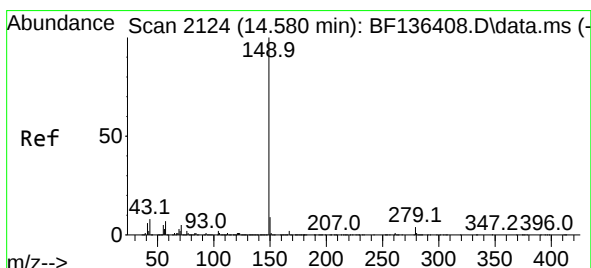
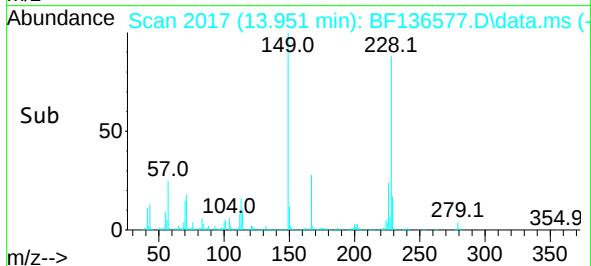
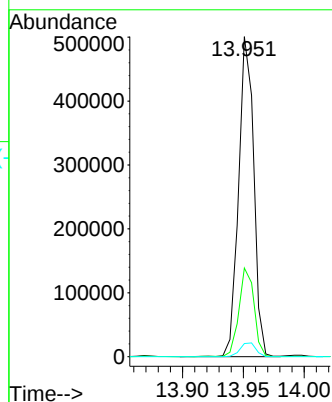
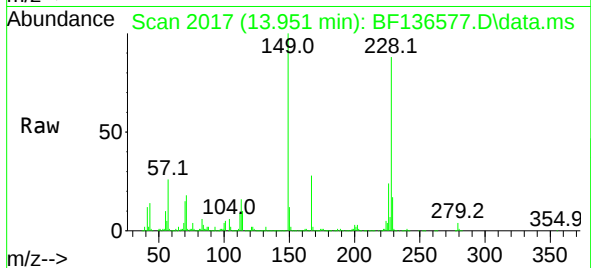
#84
Bis(2-ethylhexyl)phthalate
Concen: 45.666 ng
RT: 13.951 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

Instrument :
BNA_F
ClientSampleId :
VNJ-216MS

Tgt Ion:149 Resp: 433240
Ion Ratio Lower Upper
149 100
167 27.7 21.2 31.8
279 4.1 3.1 4.7

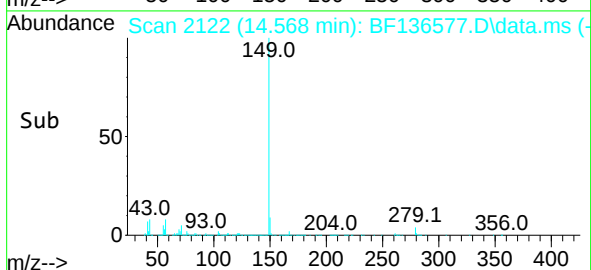
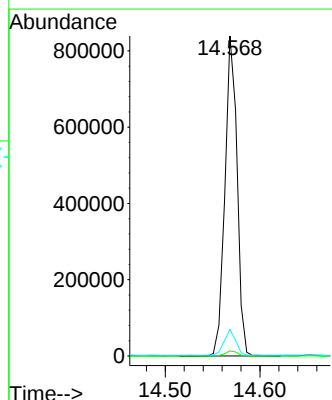
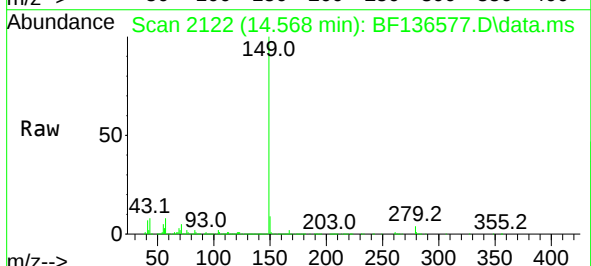
Manual Integrations
APPROVED

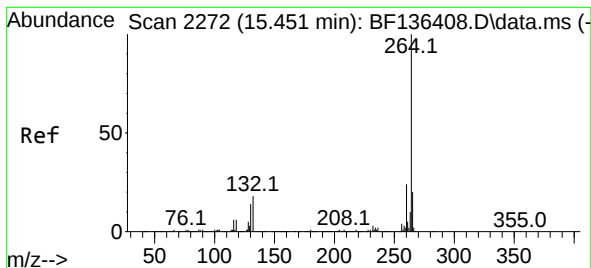
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#85
Di-n-octyl phthalate
Concen: 53.461 ng
RT: 14.568 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

Tgt Ion:149 Resp: 749179
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.7 6.8 10.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136577.D

Acq: 14 Dec 2023 19:51

Instrument :

BNA_F

ClientSampleId :

VNJ-216MS

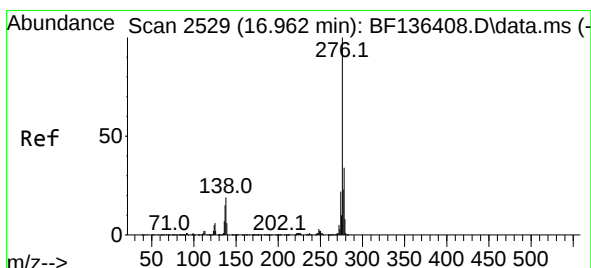
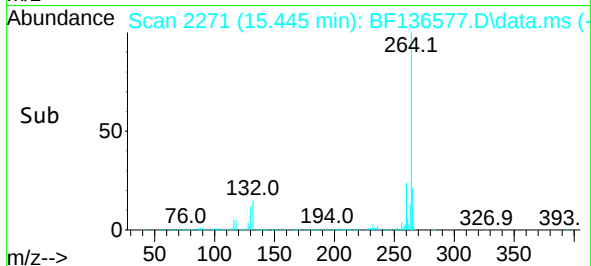
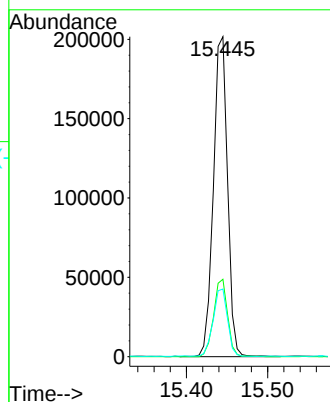
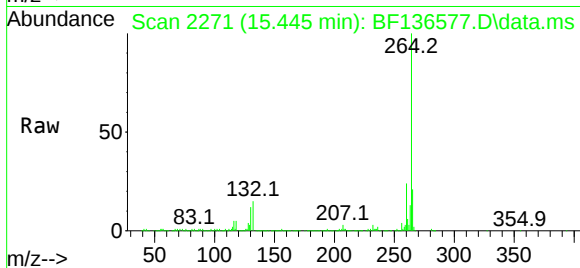
Tgt Ion:264	Resp: 243724
Ion Ratio	Lower Upper
264 100	
260 24.2	19.2 28.8
265 21.1	15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#87

Indeno(1,2,3-cd)pyrene

Concen: 41.855 ng

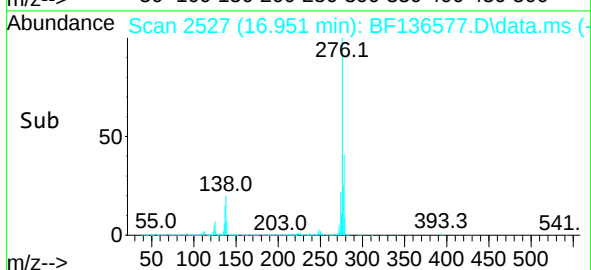
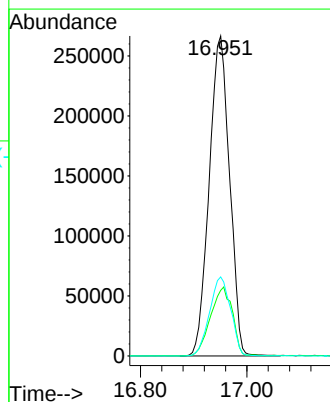
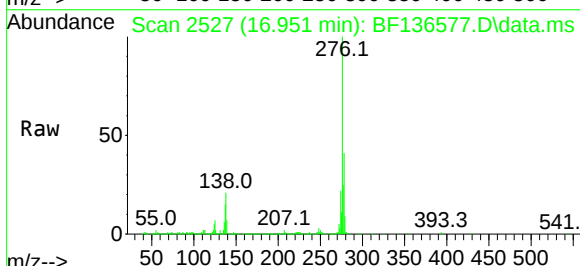
RT: 16.951 min Scan# 2527

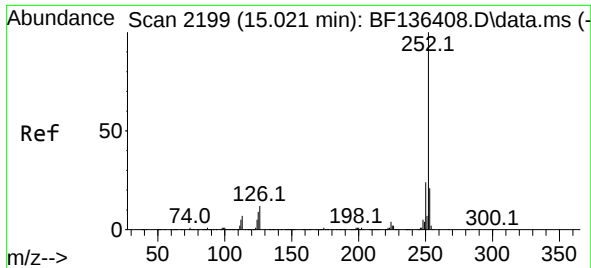
Delta R.T. 0.006 min

Lab File: BF136577.D

Acq: 14 Dec 2023 19:51

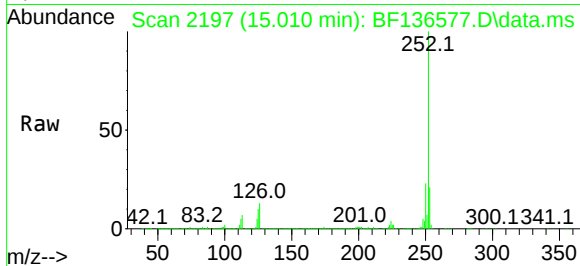
Tgt Ion:276	Resp: 708684
Ion Ratio	Lower Upper
276 100	
138 23.1	19.0 28.4
277 25.6	20.0 30.0





#88
Benzo(b)fluoranthene
Concen: 43.235 ng
RT: 15.010 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

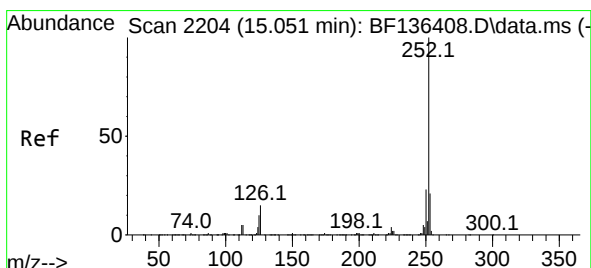
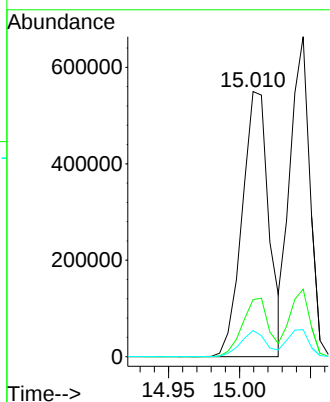
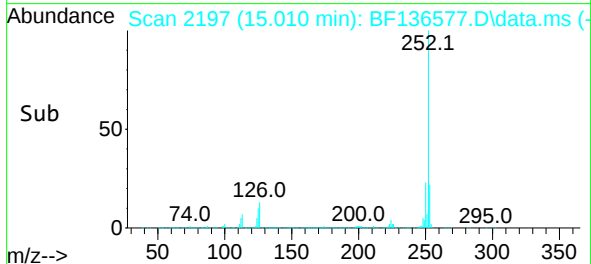
Instrument :
BNA_F
ClientSampleId :
VNJ-216MS



Tgt Ion:252 Resp: 720462
Ion Ratio Lower Upper
252 100
253 21.5 16.9 25.3
125 9.8 7.4 11.2

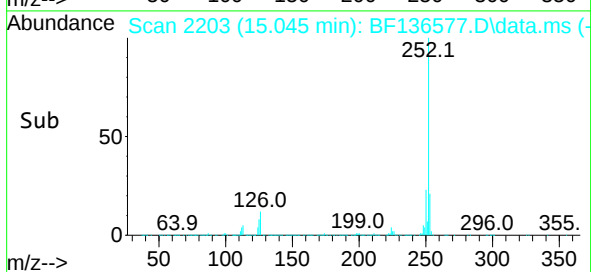
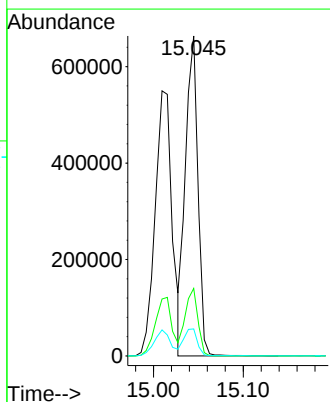
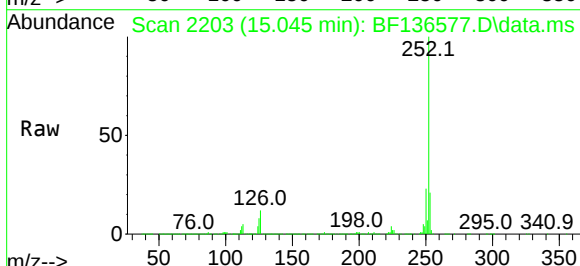
Manual Integrations
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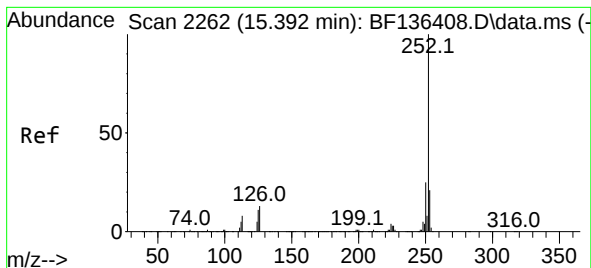
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#89
Benzo(k)fluoranthene
Concen: 41.079 ng
RT: 15.045 min Scan# 2203
Delta R.T. 0.006 min
Lab File: BF136577.D
Acq: 14 Dec 2023 19:51

Tgt Ion:252 Resp: 645123
Ion Ratio Lower Upper
252 100
253 21.1 16.9 25.3
125 8.5 7.5 11.3





#90

Benzo(a)pyrene

Concen: 44.596 ng

RT: 15.380 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF136577.D

Acq: 14 Dec 2023 19:51

Instrument :

BNA_F

ClientSampleId :

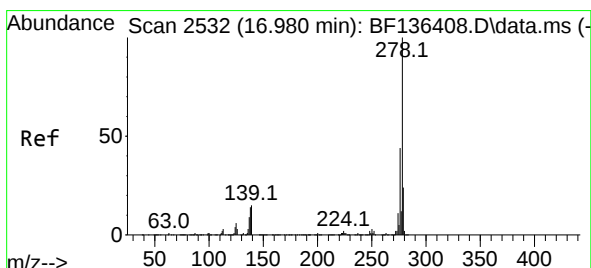
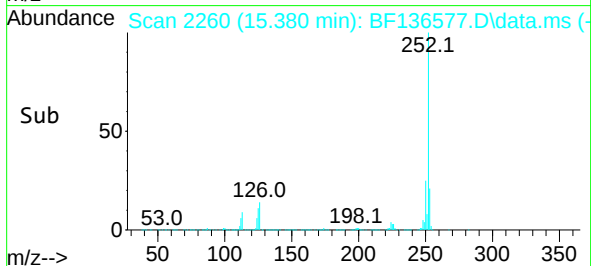
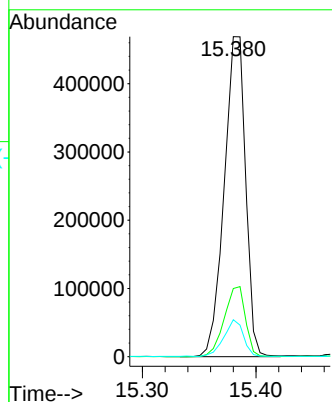
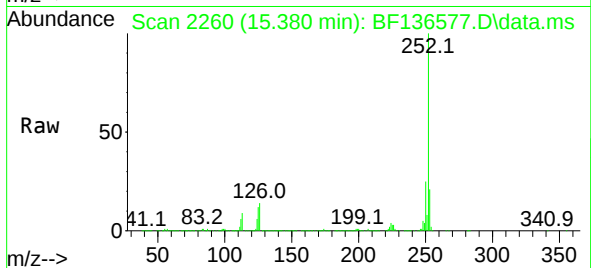
VNJ-216MS

Tgt Ion:252 Resp: 613724
 Ion Ratio Lower Upper
 252 100
 253 21.3 17.0 25.4
 125 11.5 8.6 13.0

Manual Integrations

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Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/15/2023



#91

Dibenzo(a,h)anthracene

Concen: 42.607 ng

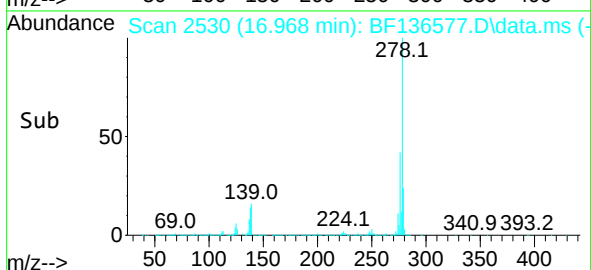
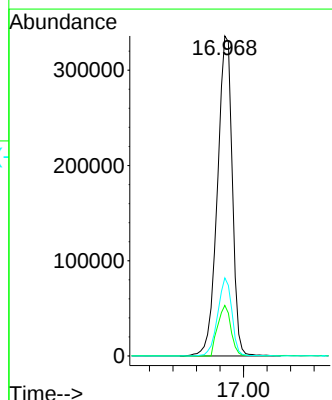
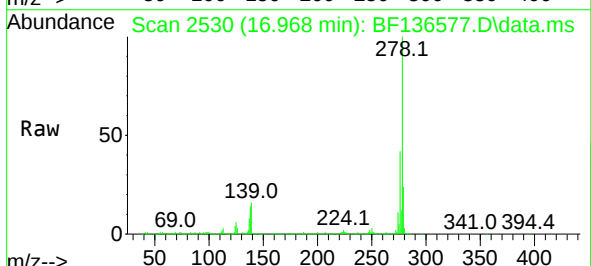
RT: 16.968 min Scan# 2530

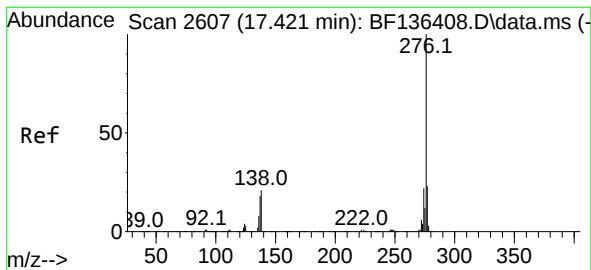
Delta R.T. 0.006 min

Lab File: BF136577.D

Acq: 14 Dec 2023 19:51

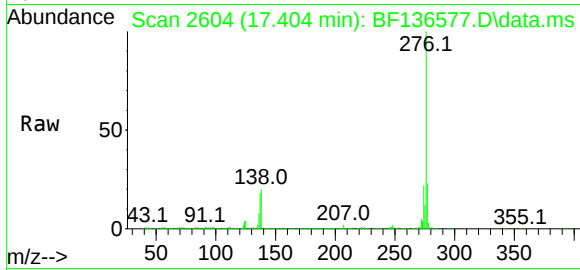
Tgt Ion:278 Resp: 591014
 Ion Ratio Lower Upper
 278 100
 139 15.8 12.2 18.4
 279 24.4 19.0 28.4





#92
 Benzo(g,h,i)perylene
 Concen: 37.345 ng
 RT: 17.404 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: BF136577.D
 Acq: 14 Dec 2023 19:51

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-216MS



Tgt Ion:276 Resp: 531708
 Ion Ratio Lower Upper
 276 100
 277 23.4 18.7 28.1
 138 19.6 16.6 25.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/15/2023

