

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
 Data File : BF136578.D
 Acq On : 14 Dec 2023 20:22
 Operator : CG\JU
 Sample : 05629-03MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-216MSD

Manual Integrations
 APPROVED

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

Quant Time: Dec 15 00:37:40 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	98493	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	382315	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	174311	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	291929	20.000	ng	0.00
76) Chrysene-d12	13.968	240	218437	20.000	ng	0.00
86) Perylene-d12	15.445	264	237774	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	789626	118.398	ng	0.03
7) Phenol-d6	6.445	99	891213	107.105	ng	0.01
23) Nitrobenzene-d5	7.351	82	618140	87.407	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	269570	125.424	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1221670	95.632	ng	0.00
79) Terphenyl-d14	12.910	244	1093599	65.988	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.740	88	103136	39.098	ng	Qvalue # 83
3) Pyridine	3.469	79	182271	28.532	ng	93
4) n-Nitrosodimethylamine	3.404	42	118406	42.663	ng	97
6) Aniline	6.457	93	90283	10.736	ng	# 1
8) 2-Chlorophenol	6.581	128	312950	42.983	ng	99
10) Phenol	6.457	94	319396	36.073	ng	98
11) bis(2-Chloroethyl)ether	6.534	93	288776	43.755	ng	94
12) 1,3-Dichlorobenzene	6.728	146	323191	39.471	ng	96
13) 1,4-Dichlorobenzene	6.804	146	333373	40.136	ng	98
14) 1,2-Dichlorobenzene	6.957	146	313871	40.185	ng	98
15) Benzyl Alcohol	6.939	79	235162	42.205	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	337148	39.719	ng	90
17) 2-Methylphenol	7.057	107	235182	39.982	ng	# 91
18) Hexachloroethane	7.292	117	116767	40.266	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	200972	41.870	ng	100
20) 3+4-Methylphenols	7.204	107	295481	40.471	ng	99
22) Acetophenone	7.198	105	433880	45.958	ng	# 96
24) Nitrobenzene	7.375	77	300307	42.212	ng	92
25) Isophorone	7.610	82	539070	42.428	ng	97
26) 2-Nitrophenol	7.686	139	162549	46.476	ng	94
27) 2,4-Dimethylphenol	7.728	122	229551	53.228	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	345886	44.303	ng	97
29) 2,4-Dichlorophenol	7.933	162	244591	42.968	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	284028	42.790	ng	96
31) Naphthalene	8.092	128	1165488	55.281	ng	99
32) Benzoic acid	7.857	122	145159	33.930	ng	95
33) 4-Chloroaniline	8.139	127	24248	3.226	ng	96
34) Hexachlorobutadiene	8.204	225	165003	41.945	ng	97
35) Caprolactam	8.510	113	59805m	34.116	ng	
36) 4-Chloro-3-methylphenol	8.633	107	239315	39.595	ng	98
37) 2-Methylnaphthalene	8.780	142	582156	43.403	ng	94
38) 1-Methylnaphthalene	8.880	142	555814	42.229	ng	96
40) 1,2,4,5-Tetrachloroben...	8.945	216	280160	51.661	ng	99
41) Hexachlorocyclopentadiene	8.928	237	234030	116.485	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	165581	46.892	ng	99
44) 2,4,5-Trichlorophenol	9.110	196	170301	43.212	ng	97

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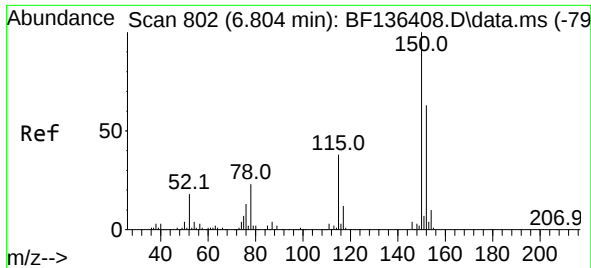
Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.245	154	732916	49.414	ng	96
47) 2-Chloronaphthalene	9.269	162	527400	45.686	ng	97
48) 2-Nitroaniline	9.369	65	131867	42.590	ng	95
49) Acenaphthylene	9.686	152	793648	48.261	ng	98
50) Dimethylphthalate	9.551	163	611580	47.655	ng	99
51) 2,6-Dinitrotoluene	9.616	165	129668	44.912	ng	91
52) Acenaphthene	9.857	154	500560	47.500	ng	96
53) 3-Nitroaniline	9.780	138	36019	12.217	ng	98
54) 2,4-Dinitrophenol	9.892	184	100143	68.603	ng	92
55) Dibenzofuran	10.033	168	721931	46.895	ng	97
56) 4-Nitrophenol	9.963	139	164318	74.347	ng	91
57) 2,4-Dinitrotoluene	10.016	165	168742	44.181	ng	94
58) Fluorene	10.374	166	564108	45.648	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	138671	43.927	ng	97
60) Diethylphthalate	10.251	149	561734	44.513	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	265807	44.122	ng	95
62) 4-Nitroaniline	10.398	138	102453	34.997	ng	95
63) Azobenzene	10.527	77	476837	41.513	ng	97
65) 4,6-Dinitro-2-methylph...	10.427	198	73673	40.749	ng	88
66) n-Nitrosodiphenylamine	10.492	169	452849	48.343	ng	97
67) 4-Bromophenyl-phenylether	10.857	248	161033	47.444	ng	# 90
68) Hexachlorobenzene	10.922	284	185108	47.187	ng	94
69) Atrazine	11.022	200	100790	37.698	ng	97
70) Pentachlorophenol	11.121	266	199418	90.072	ng	97
71) Phenanthrene	11.339	178	791616	49.335	ng	98
72) Anthracene	11.392	178	774429	47.918	ng	99
73) Carbazole	11.551	167	678774	47.453	ng	99
74) Di-n-butylphthalate	11.886	149	835110	47.624	ng	99
75) Fluoranthene	12.533	202	777553	46.241	ng	99
77) Benzidine	12.657	184	71991	20.738	ng	97
78) Pyrene	12.763	202	803728	37.570	ng	98
80) Butylbenzylphthalate	13.392	149	331615	43.545	ng	98
81) Benzo(a)anthracene	13.957	228	707411	46.493	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	117561	27.557	ng	100
83) Chrysene	13.992	228	675424	45.119	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	443201	47.473	ng	98
85) Di-n-octyl phthalate	14.568	149	778306	56.440	ng	98
87) Indeno(1,2,3-cd)pyrene	16.951	276	719998	43.587	ng	100
88) Benzo(b)fluoranthene	15.009	252	752057	46.260	ng	98
89) Benzo(k)fluoranthene	15.045	252	640513	41.806	ng	98
90) Benzo(a)pyrene	15.386	252	637402	47.475	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	599324	44.287	ng	99
92) Benzo(g,h,i)perylene	17.403	276	540116	38.885	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.786 min Scan# 79
 Delta R.T. -0.001 min
 Lab File: BF136578.D
 Acq: 14 Dec 2023 20:22

Instrument :

BNA_F

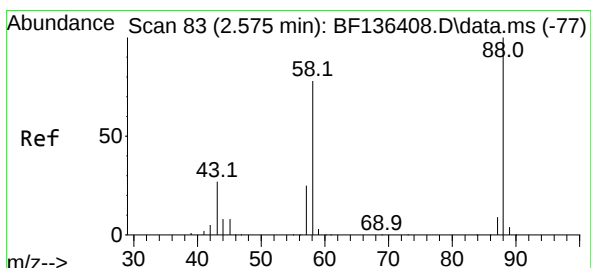
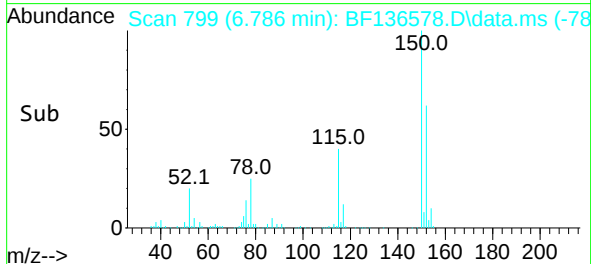
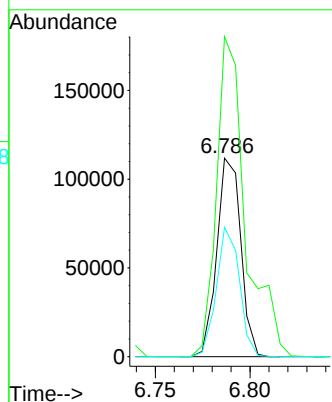
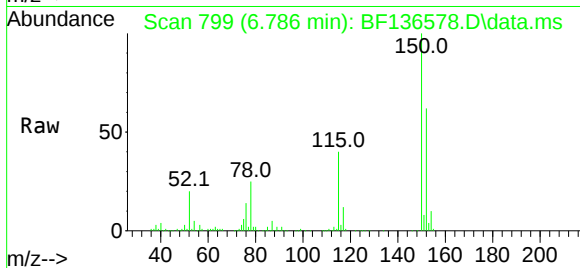
ClientSampleId :

VNJ-216MSD

Tgt Ion:152 Resp: 9849
 Ion Ratio Lower Upper
 152 100
 150 161.1 126.4 189.6
 115 65.1 48.2 72.4

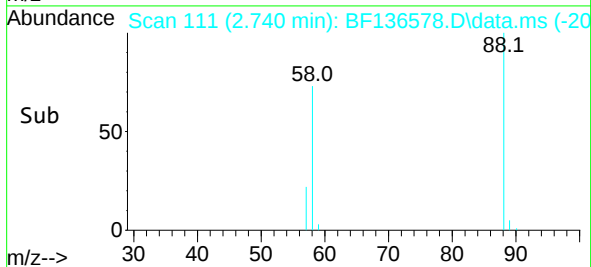
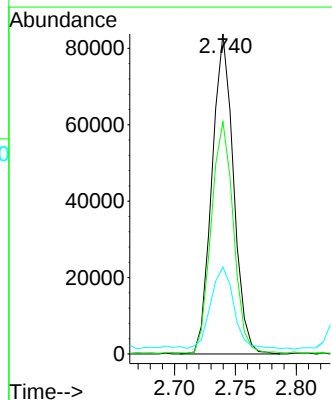
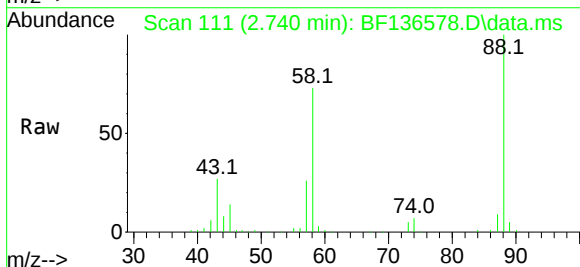
Manual Integrations
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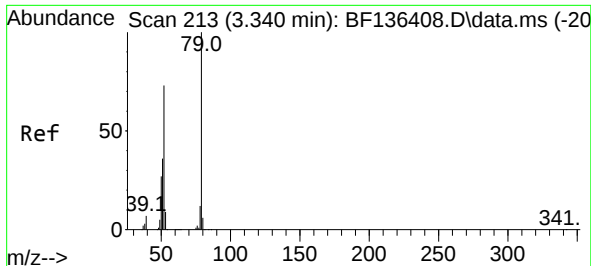
Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/15/2023



#2
 1,4-Dioxane
 Concen: 39.098 ng
 RT: 2.740 min Scan# 111
 Delta R.T. 0.188 min
 Lab File: BF136578.D
 Acq: 14 Dec 2023 20:22

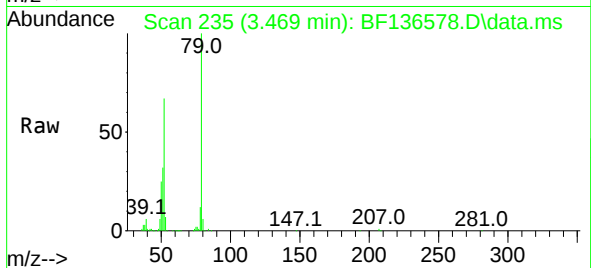
Tgt Ion: 88 Resp: 103136
 Ion Ratio Lower Upper
 88 100
 58 74.0 62.2 93.2
 43 0.0 21.5 32.3





#3
Pyridine
Concen: 28.532 ng
RT: 3.469 min Scan# 213
Delta R.T. 0.159 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

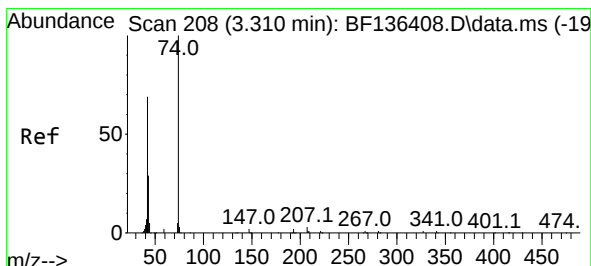
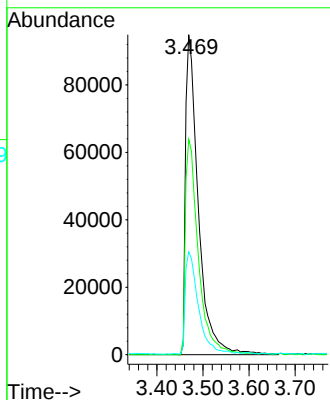
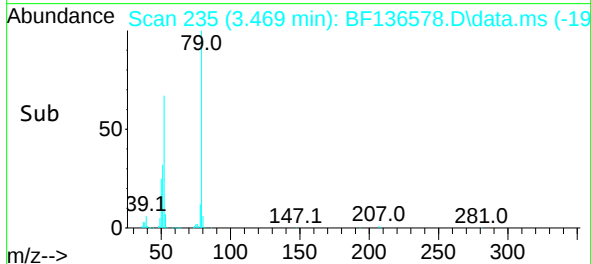
Instrument :
BNA_F
ClientSampleId :
VNJ-216MSD



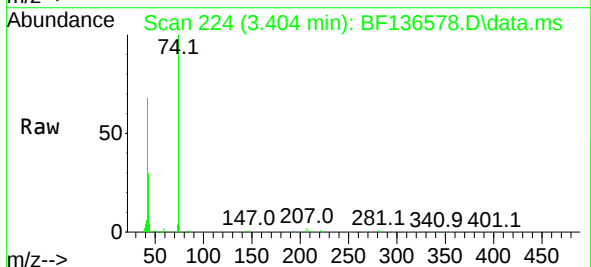
Tgt Ion: 79 Resp: 18227
Ion Ratio Lower Upper
79 100
52 67.3 58.2 87.2
51 32.1 29.1 43.7

Manual Integrations
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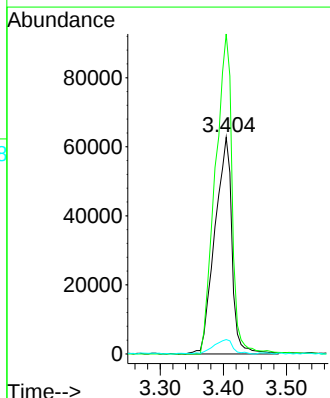
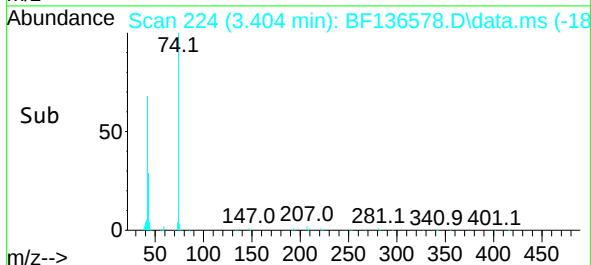
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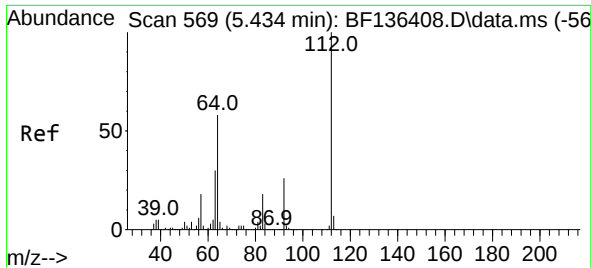


#4
n-Nitrosodimethylamine
Concen: 42.663 ng
RT: 3.404 min Scan# 224
Delta R.T. 0.118 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22



Tgt Ion: 42 Resp: 118406
Ion Ratio Lower Upper
42 100
74 147.7 115.4 173.0
44 6.6 6.2 9.2





#5
2-Fluorophenol
Concen: 118.398 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.029 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Instrument :

BNA_F

ClientSampleId :

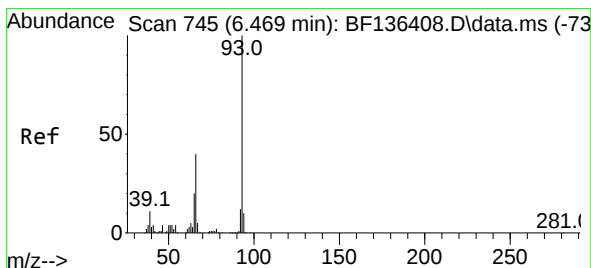
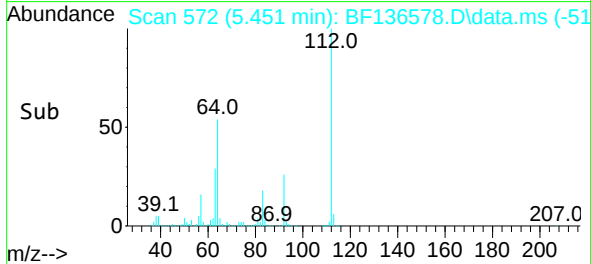
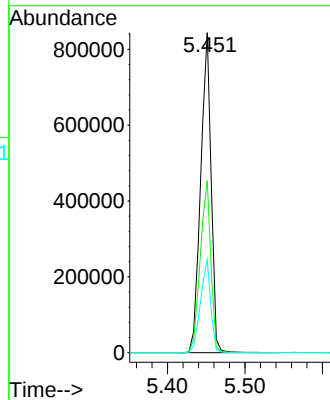
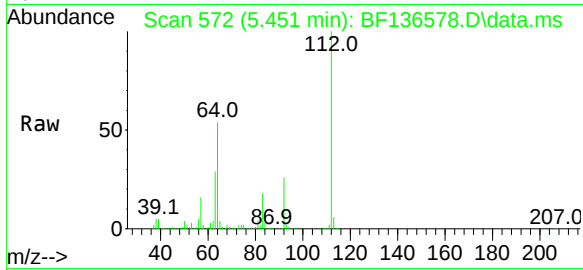
VNJ-216MSD

Tgt Ion:112 Resp: 789620
Ion Ratio Lower Upper
112 100
64 53.8 46.5 69.7
63 29.1 23.9 35.9

Manual Integrations

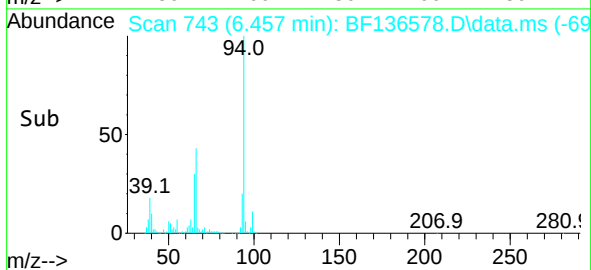
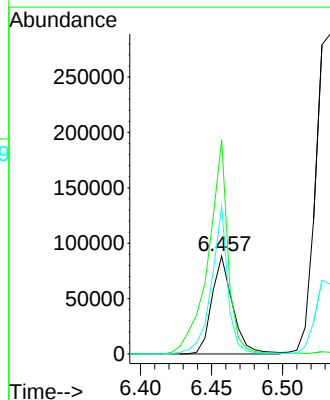
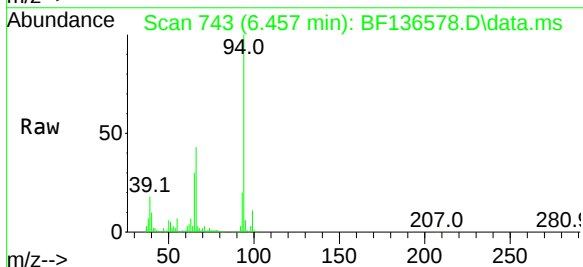
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Reviewed By :Yogesh Patel 12/15/2023
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#6
Aniline
Concen: 10.736 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

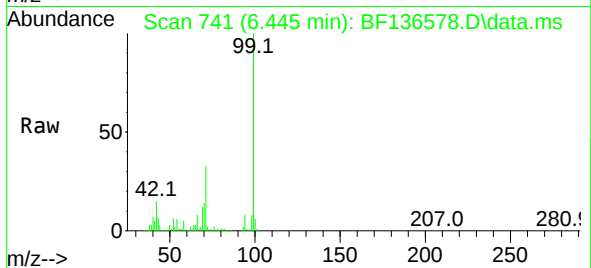
Tgt Ion: 93 Resp: 90283
Ion Ratio Lower Upper
93 100
66 219.0 32.5 48.7#
65 150.7 16.4 24.6#





#7
Phenol-d6
Concen: 107.105 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.012 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

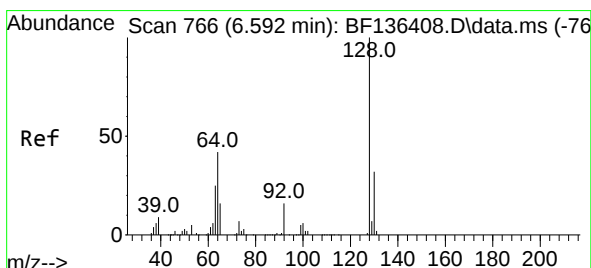
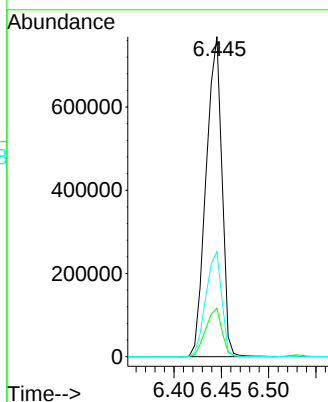
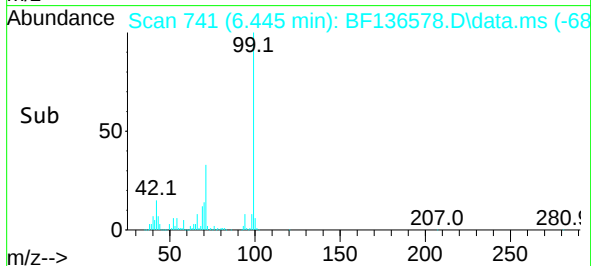
Instrument :
BNA_F
ClientSampleId :
VNJ-216MSD



Tgt Ion: 99 Resp: 891211
Ion Ratio Lower Upper
99 100
42 15.1 12.8 19.2
71 32.8 27.0 40.4

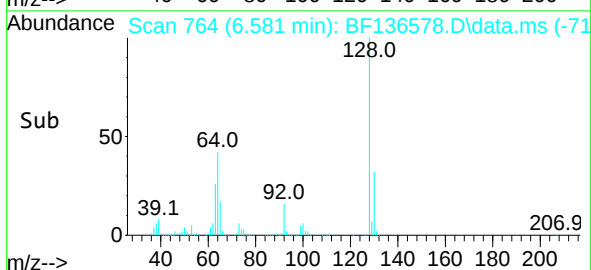
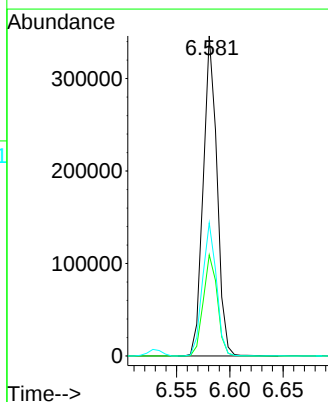
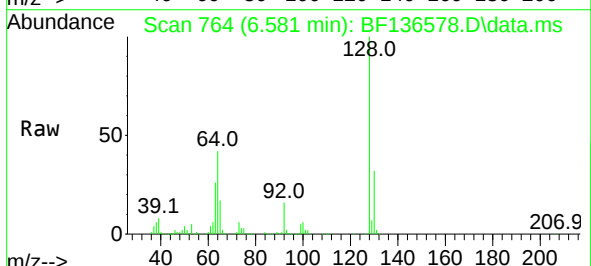
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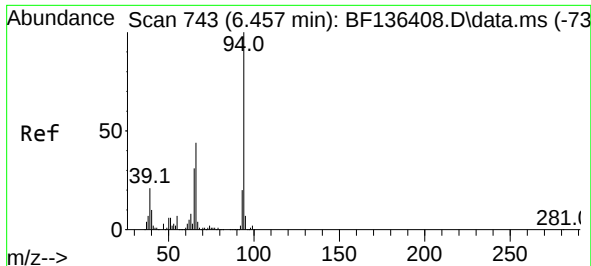
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#8
2-Chlorophenol
Concen: 42.983 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

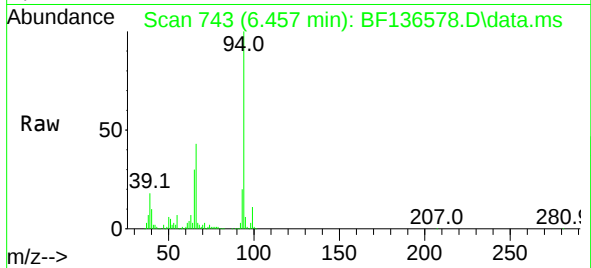
Tgt Ion:128 Resp: 312950
Ion Ratio Lower Upper
128 100
130 31.6 11.7 51.7
64 41.6 22.5 62.5





#10
Phenol
Concen: 36.073 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.012 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

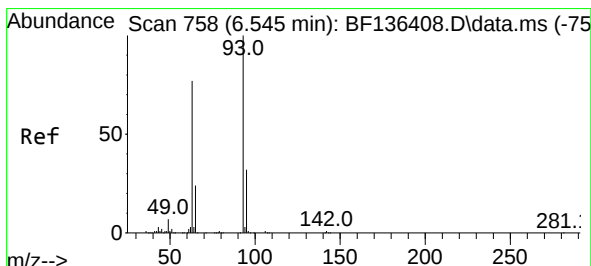
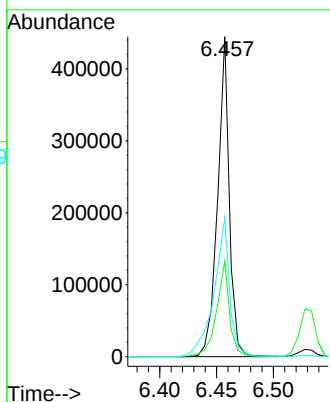
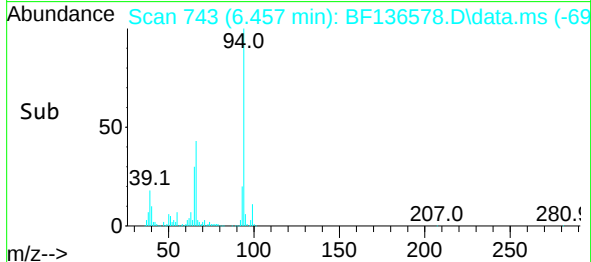
Instrument :
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VNJ-216MSD



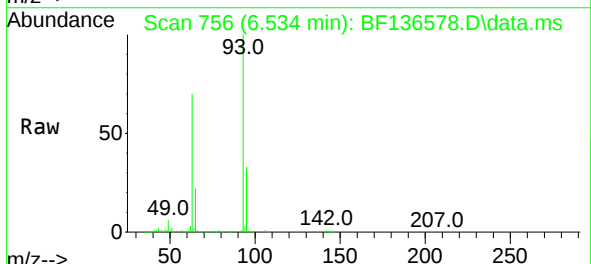
Tgt Ion: 94 Resp: 319390
Ion Ratio Lower Upper
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65 29.9 11.2 51.2
66 43.5 24.2 64.2

Manual Integrations
APPROVED

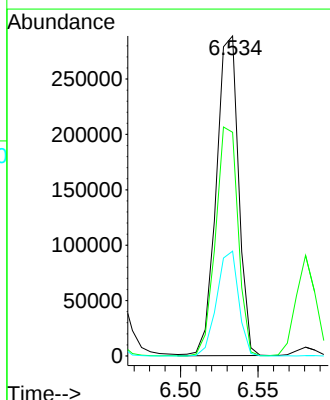
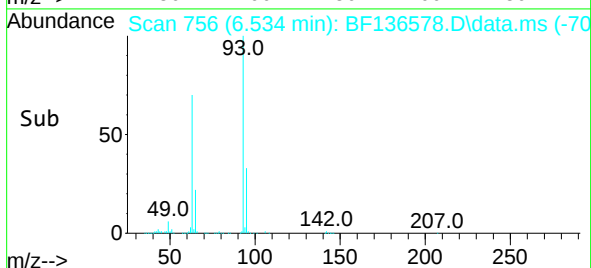
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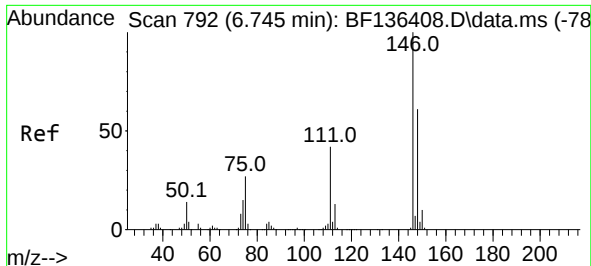


#11
bis(2-Chloroethyl)ether
Concen: 43.755 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22



Tgt Ion: 93 Resp: 288776
Ion Ratio Lower Upper
93 100
63 69.9 56.8 96.8
95 32.8 11.8 51.8





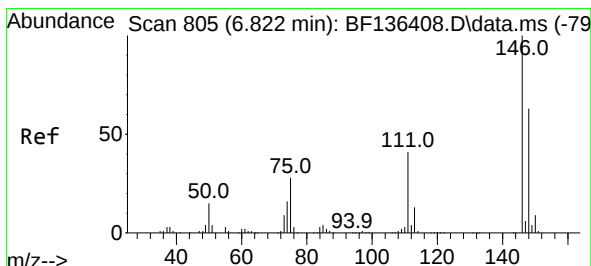
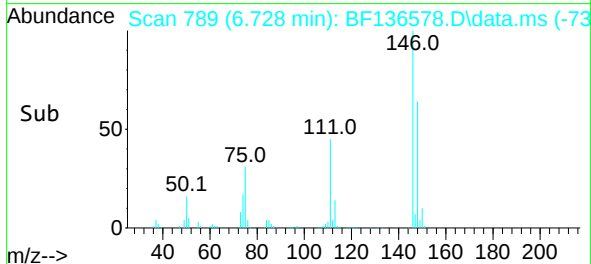
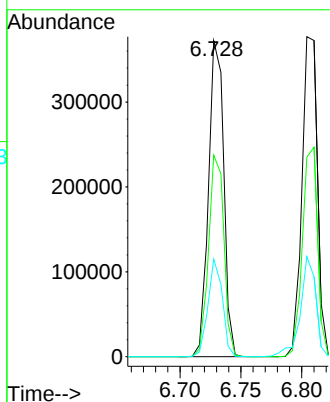
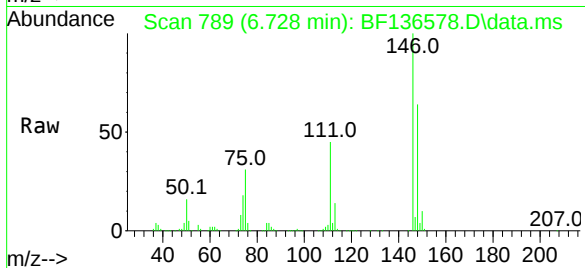
#12
1,3-Dichlorobenzene
Concen: 39.471 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Instrument :
BNA_F
ClientSampleId :
VNJ-216MSD

Tgt Ion:146 Resp: 32319
Ion Ratio Lower Upper
146 100
148 63.8 49.0 73.6
75 30.9 21.8 32.6

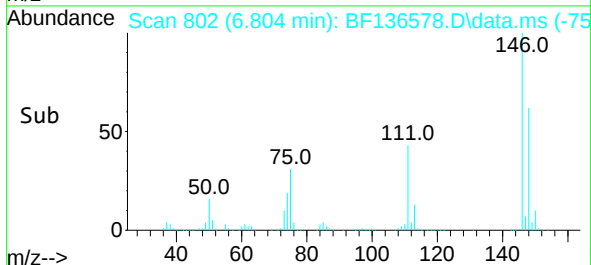
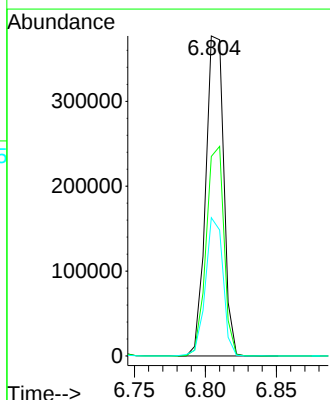
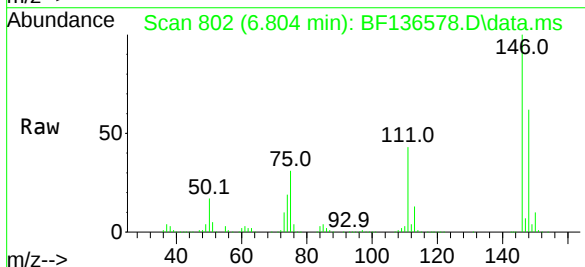
Manual Integrations
APPROVED

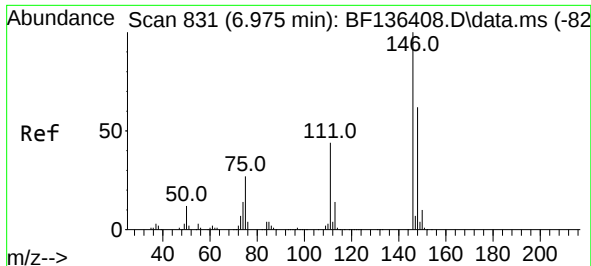
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#13
1,4-Dichlorobenzene
Concen: 40.136 ng
RT: 6.804 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Tgt Ion:146 Resp: 333373
Ion Ratio Lower Upper
146 100
148 62.4 50.3 75.5
111 43.2 32.6 49.0





#14
1,2-Dichlorobenzene
Concen: 40.185 ng
RT: 6.957 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Instrument :

BNA_F

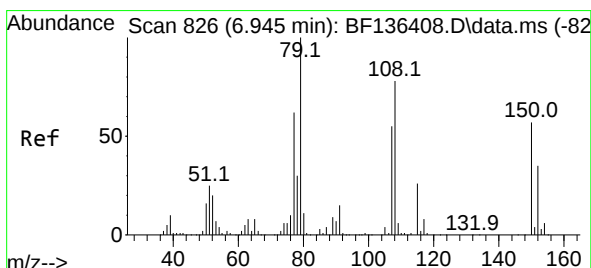
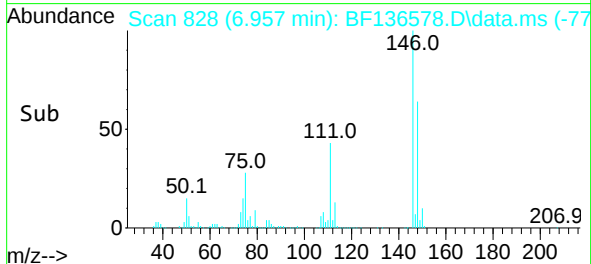
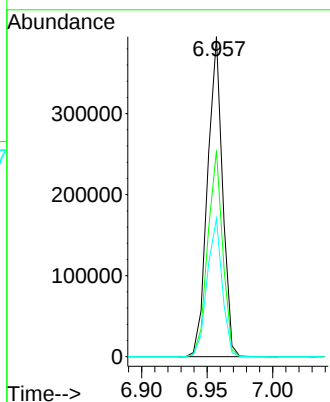
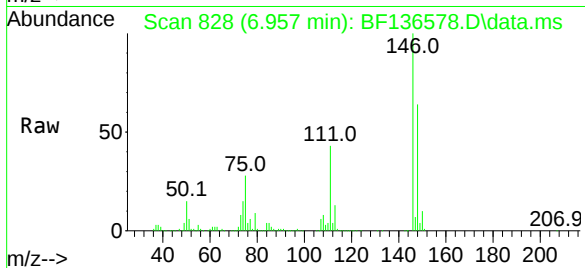
ClientSampleId :

VNJ-216MSD

Tgt Ion:146 Resp: 31387
Ion Ratio Lower Upper
146 100
148 64.4 49.8 74.6
111 43.2 34.9 52.3

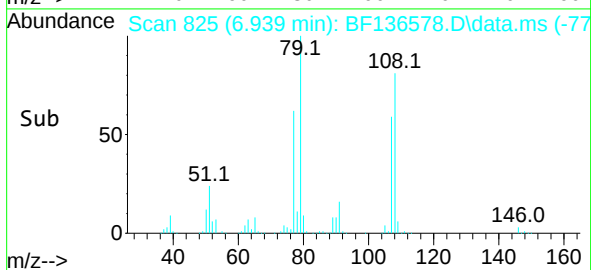
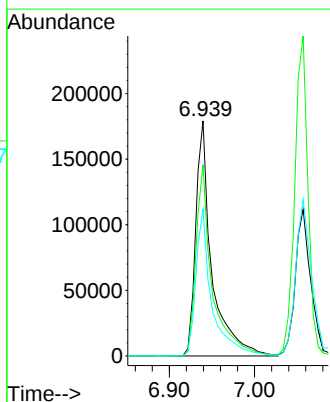
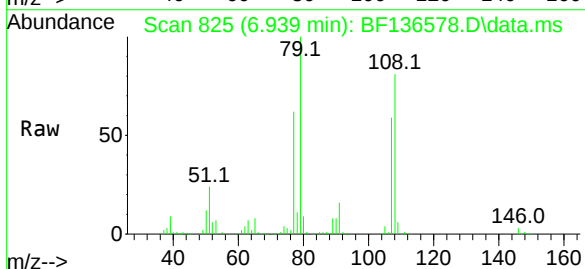
Manual Integrations
APPROVED

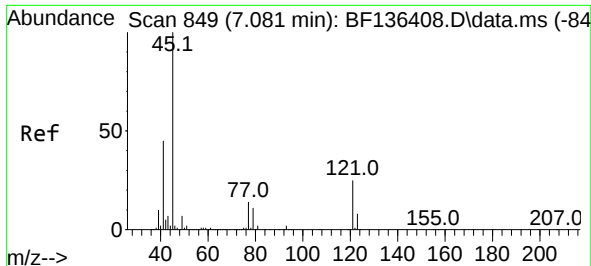
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#15
Benzyl Alcohol
Concen: 42.205 ng
RT: 6.939 min Scan# 825
Delta R.T. 0.006 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

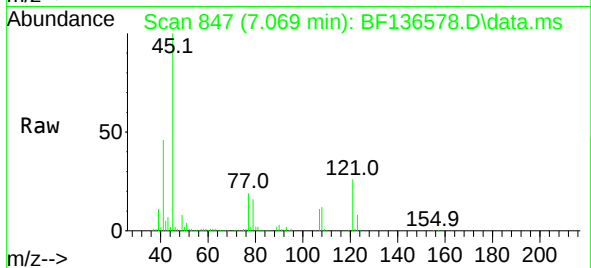
Tgt Ion: 79 Resp: 235162
Ion Ratio Lower Upper
79 100
108 81.4 62.3 93.5
77 62.4 49.8 74.8





#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.719 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.006 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

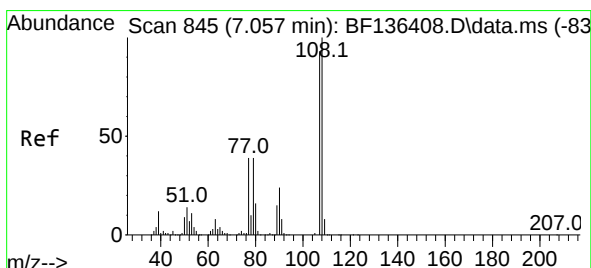
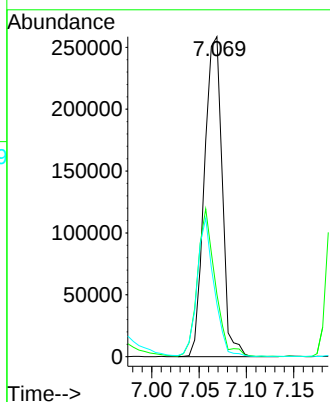
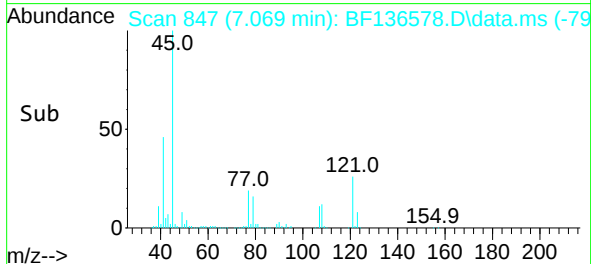
Instrument :
BNA_F
Client Sample Id :
VNJ-216MSD



Tgt Ion: 45 Resp: 33714
Ion Ratio Lower Upper
45 100
77 19.5 0.0 35.3
79 16.4 0.0 32.5

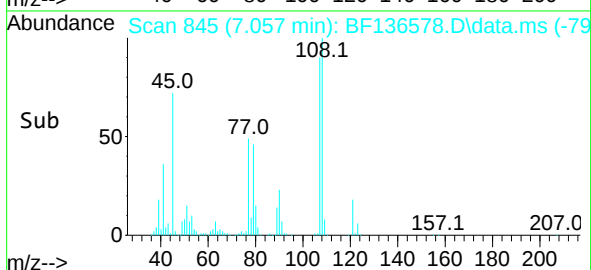
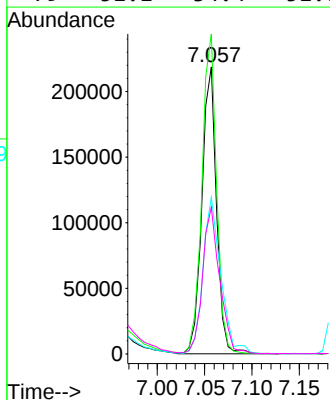
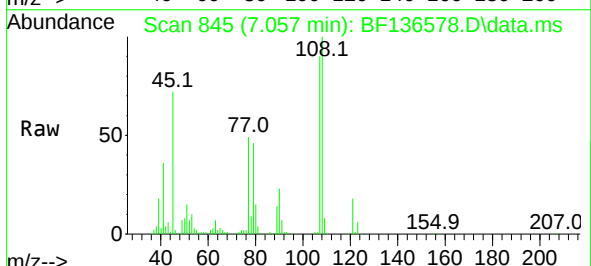
Manual Integrations
APPROVED

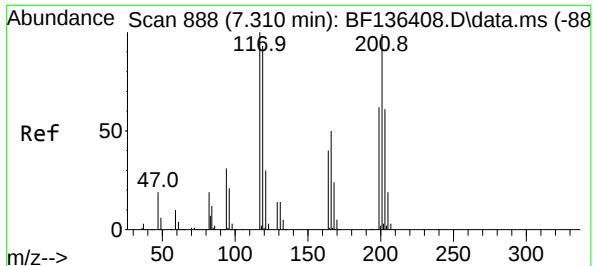
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#17
2-Methylphenol
Concen: 39.982 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.012 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

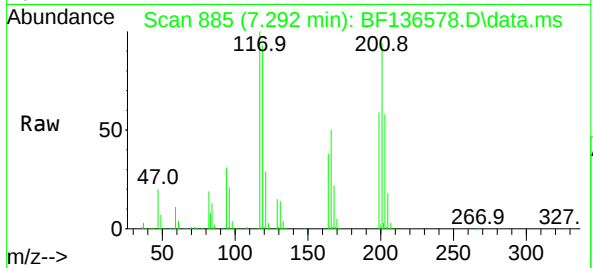
Tgt Ion:107 Resp: 235182
Ion Ratio Lower Upper
107 100
108 111.5 86.5 129.7
77 54.6 33.8 50.8#
79 51.1 34.4 51.6





#18
Hexachloroethane
Concen: 40.266 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

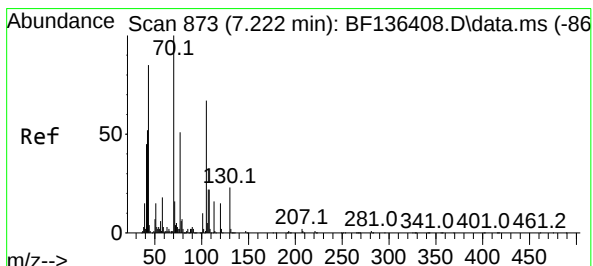
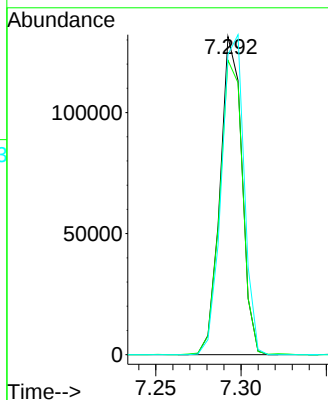
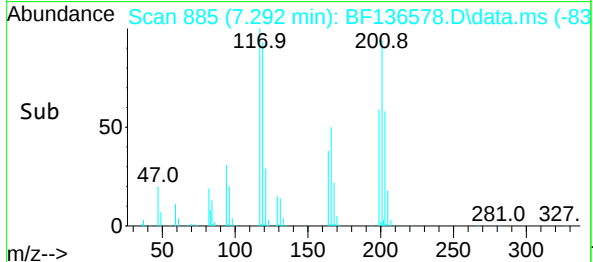
Instrument :
BNA_F
ClientSampleId :
VNJ-216MSD



Tgt Ion:117 Resp: 11676
Ion Ratio Lower Upper
117 100
119 92.6 74.3 111.5
201 94.4 79.3 118.9

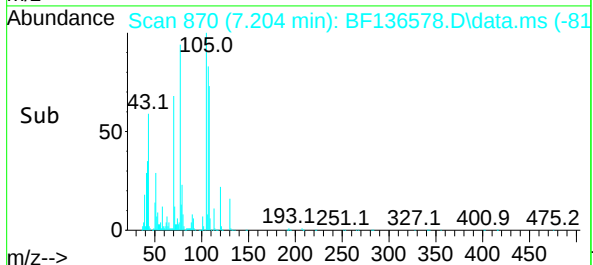
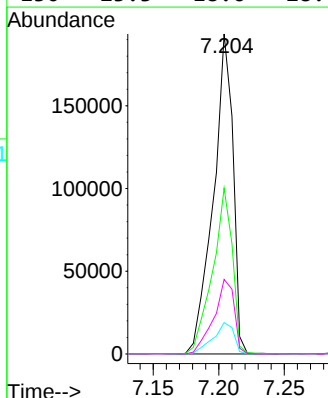
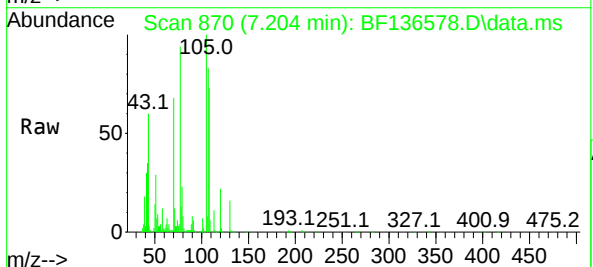
Manual Integrations
APPROVED

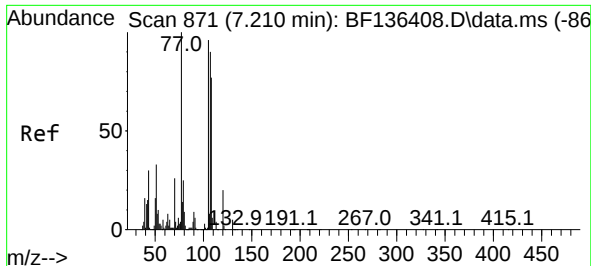
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#19
n-Nitroso-di-n-propylamine
Concen: 41.870 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

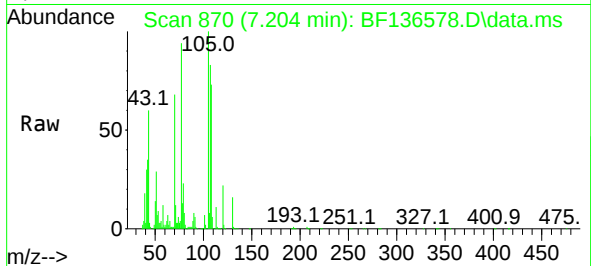
Tgt Ion: 70 Resp: 200972
Ion Ratio Lower Upper
70 100
42 51.8 41.4 62.0
101 9.8 8.2 12.4
130 23.3 18.6 28.0





#20
3+4-Methylphenols
Concen: 40.471 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

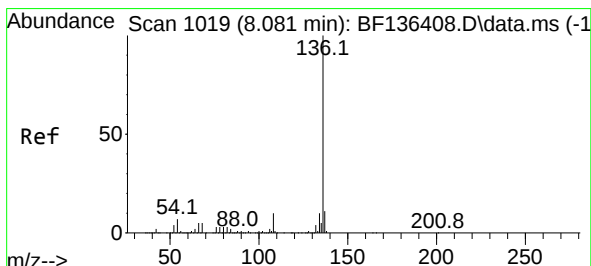
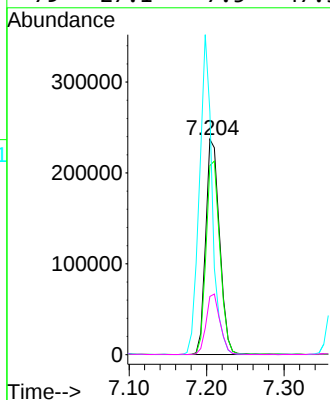
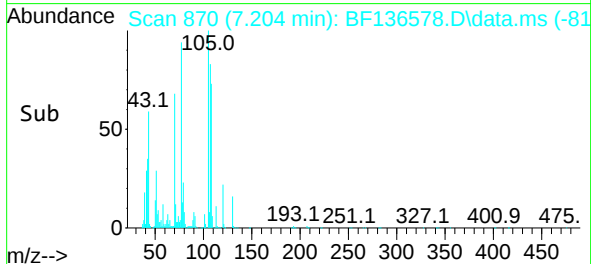
Instrument :
BNA_F
ClientSampleId :
VNJ-216MSD



Tgt Ion:107 Resp: 29548
Ion Ratio Lower Upper
107 100
108 87.8 65.9 105.9
77 112.8 91.7 131.7
79 27.1 7.5 47.5

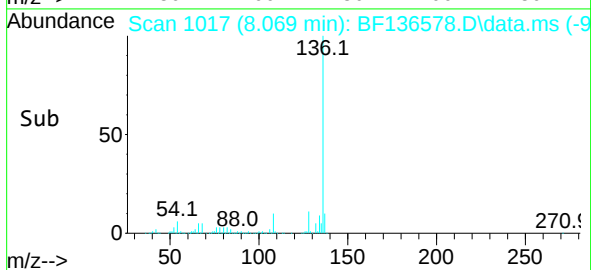
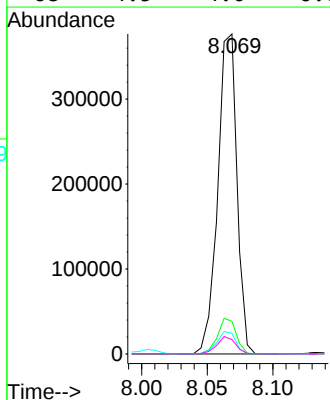
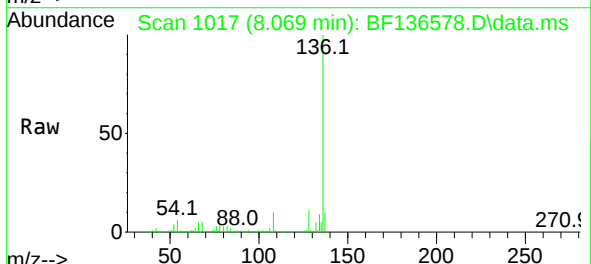
Manual Integrations
APPROVED

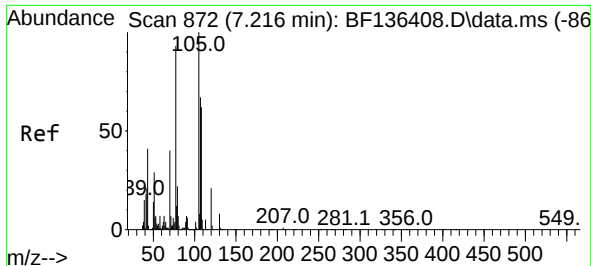
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

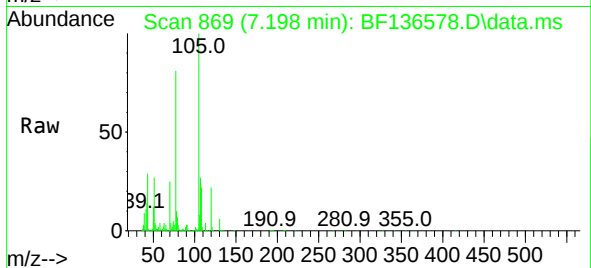
Tgt Ion:136 Resp: 382315
Ion Ratio Lower Upper
136 100
137 10.2 8.6 12.8
54 6.5 5.7 8.5
68 4.5 4.0 6.0





#22
Acetophenone
Concen: 45.958 ng
RT: 7.198 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

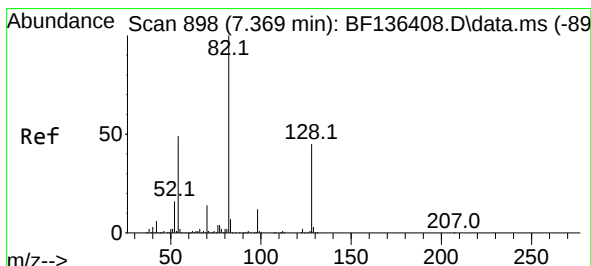
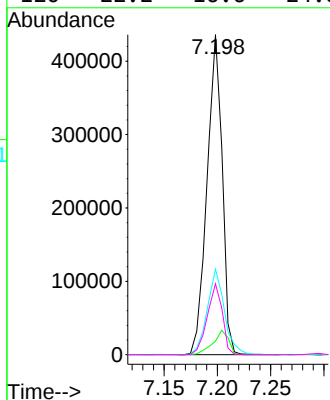
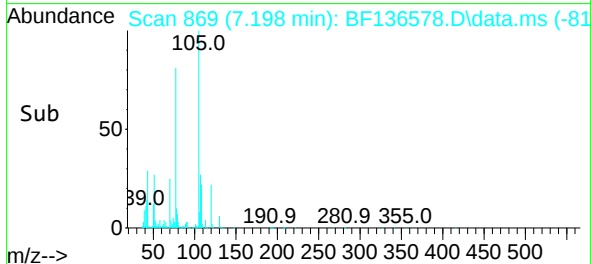
Instrument :
BNA_F
ClientSampleId :
VNJ-216MSD



Tgt Ion:105 Resp: 433880
Ion Ratio Lower Upper
105 100
71 4.2 5.4 8.0
51 26.8 23.4 35.2
120 22.2 16.6 24.8

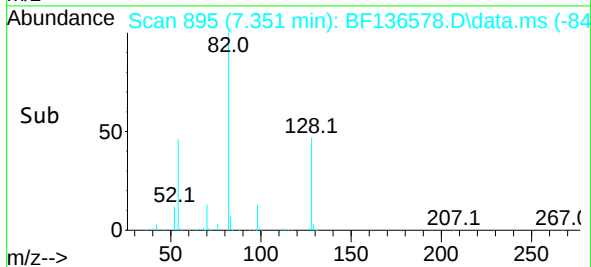
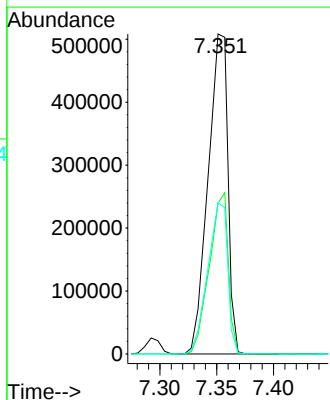
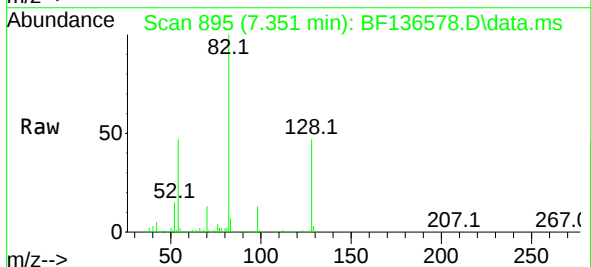
Manual Integrations
APPROVED

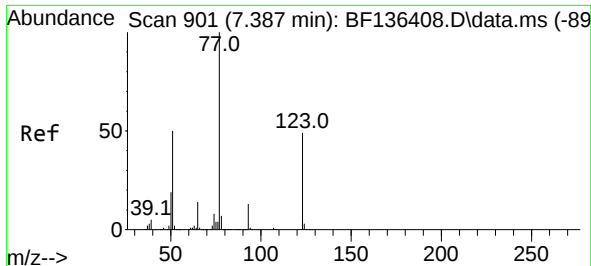
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#23
Nitrobenzene-d5
Concen: 87.407 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

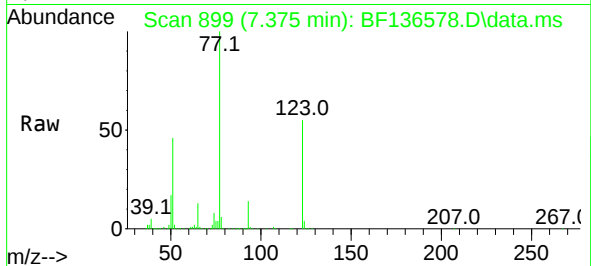
Tgt Ion: 82 Resp: 618140
Ion Ratio Lower Upper
82 100
128 47.1 36.3 54.5
54 47.3 39.0 58.6





#24
Nitrobenzene
Concen: 42.212 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

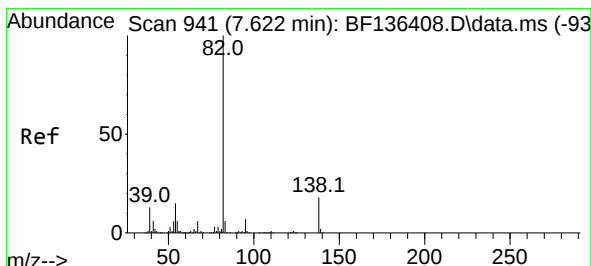
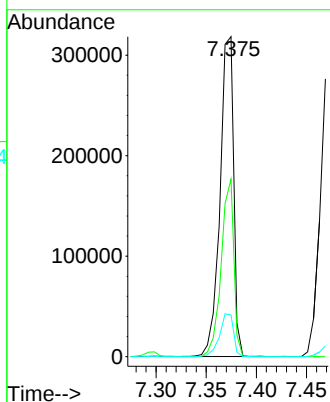
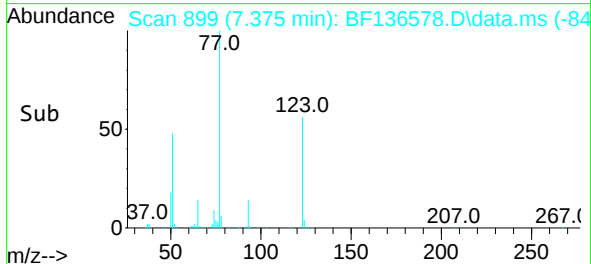
Instrument :
BNA_F
Client Sample Id :
VNJ-216MSD



Tgt Ion: 77 Resp: 300307
Ion Ratio Lower Upper
77 100
123 55.4 39.0 58.6
65 13.0 11.3 16.9

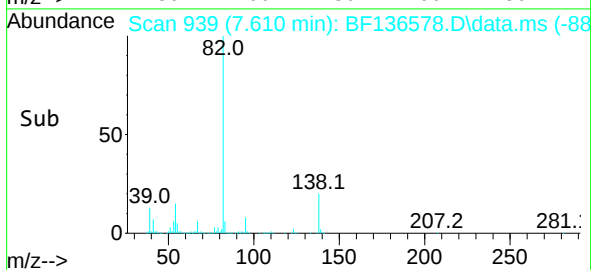
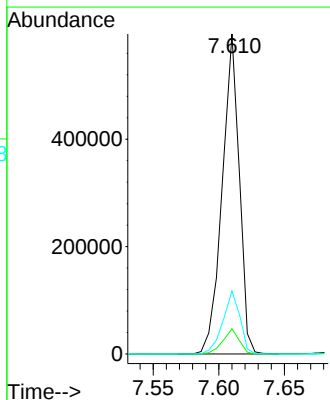
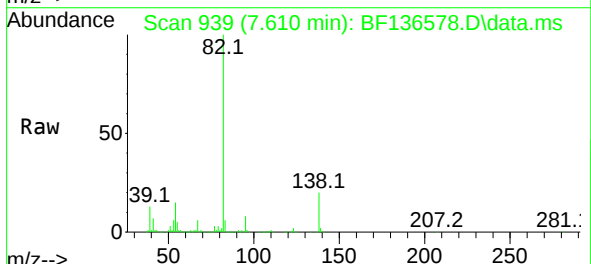
Manual Integrations
APPROVED

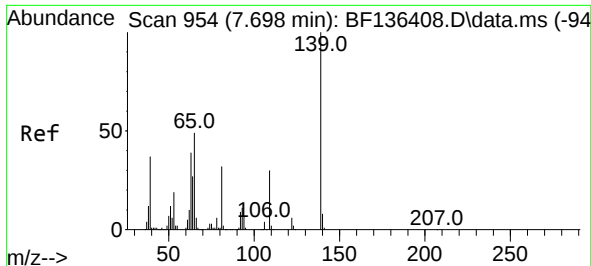
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#25
Isophorone
Concen: 42.428 ng
RT: 7.610 min Scan# 939
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

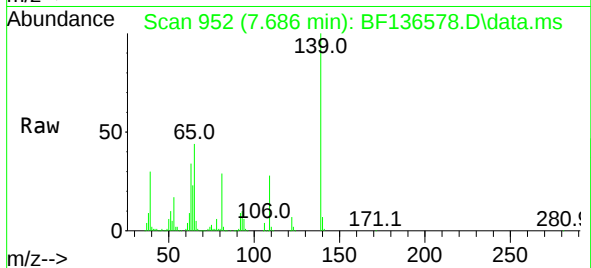
Tgt Ion: 82 Resp: 539070
Ion Ratio Lower Upper
82 100
95 7.9 5.7 8.5
138 19.6 14.5 21.7





#26
2-Nitrophenol
Concen: 46.476 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

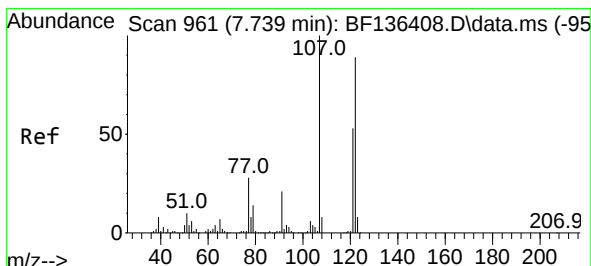
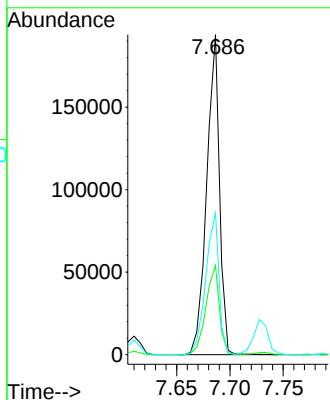
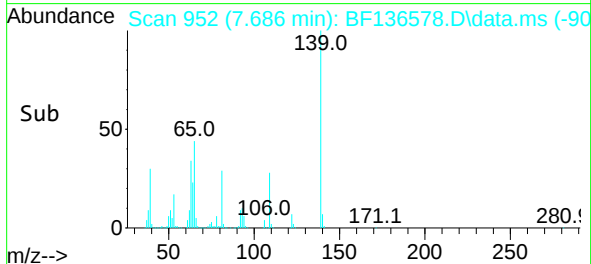
Instrument :
BNA_F
ClientSampleId :
VNJ-216MSD



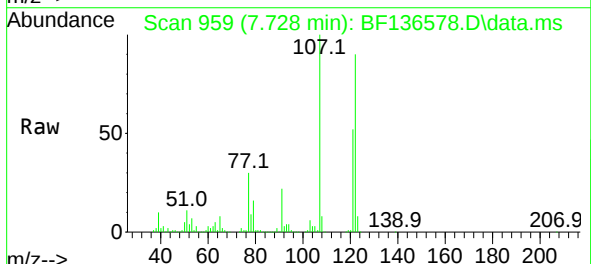
Tgt Ion:139 Resp: 162549
Ion Ratio Lower Upper
139 100
109 27.9 23.6 35.4
65 44.3 39.4 59.2

Manual Integrations
APPROVED

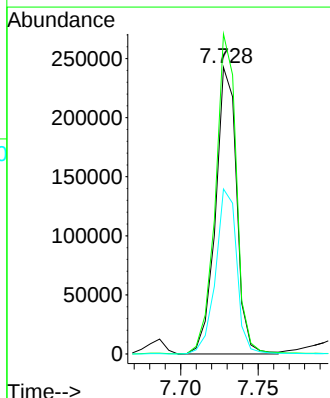
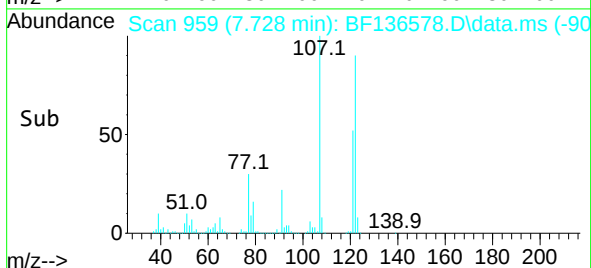
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

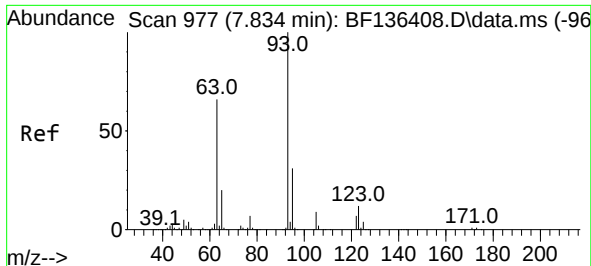


#27
2,4-Dimethylphenol
Concen: 53.228 ng
RT: 7.728 min Scan# 959
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22



Tgt Ion:122 Resp: 229551
Ion Ratio Lower Upper
122 100
107 111.7 89.3 133.9
121 57.6 47.6 71.4





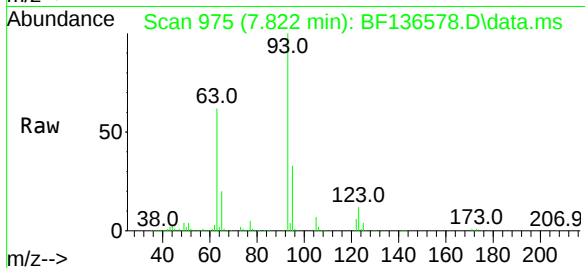
#28
bis(2-Chloroethoxy)methane
Concen: 44.303 ng
RT: 7.822 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Instrument :

BNA_F

ClientSampleId :

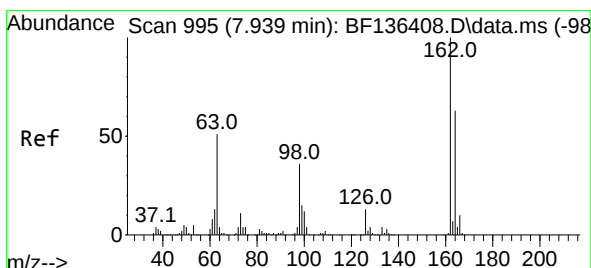
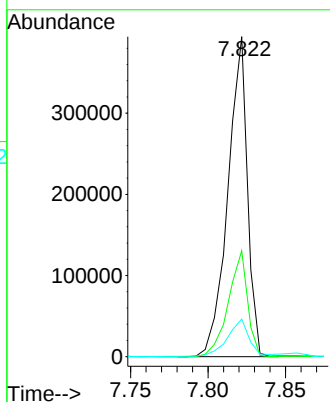
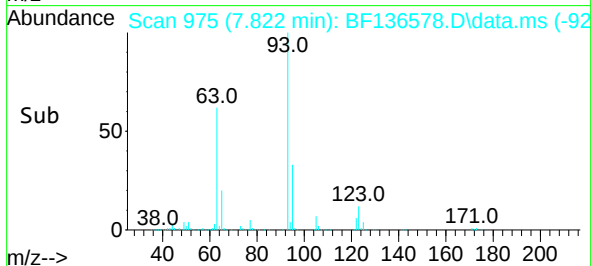
VNJ-216MSD



Tgt Ion: 93 Resp: 345880
Ion Ratio Lower Upper
93 100
95 33.1 25.0 37.4
123 11.8 9.4 14.0

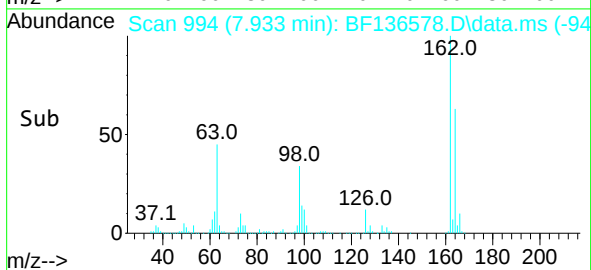
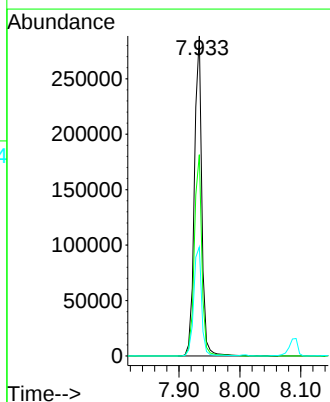
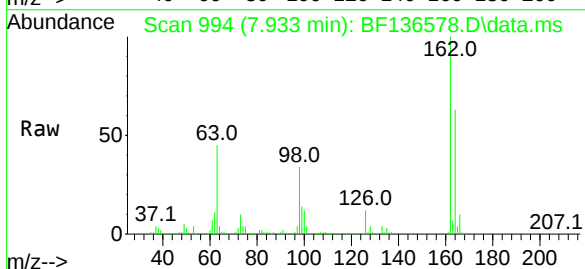
Manual Integrations
APPROVED

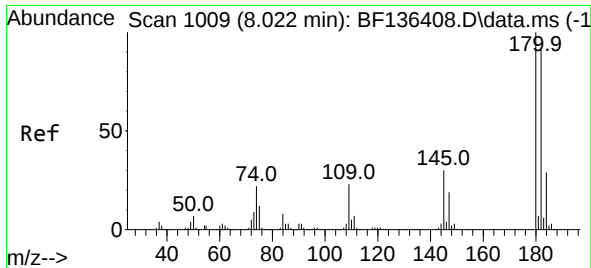
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#29
2,4-Dichlorophenol
Concen: 42.968 ng
RT: 7.933 min Scan# 994
Delta R.T. 0.006 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Tgt Ion:162 Resp: 244591
Ion Ratio Lower Upper
162 100
164 62.9 43.0 83.0
98 34.1 16.2 56.2





#30
1,2,4-Trichlorobenzene
Concen: 42.790 ng
RT: 8.010 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Instrument :

BNA_F

ClientSampleId :

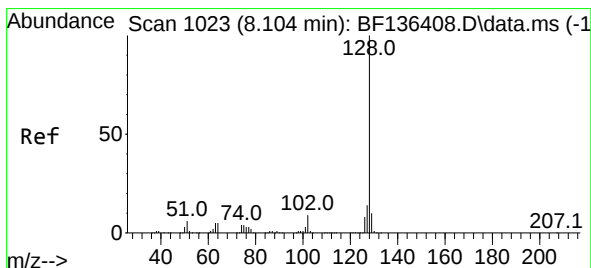
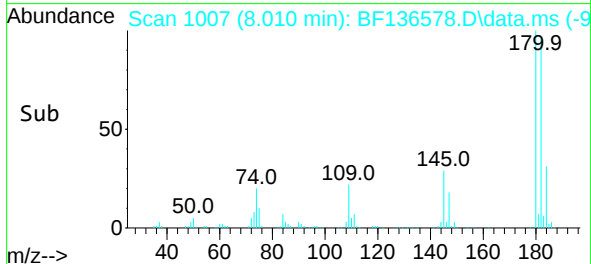
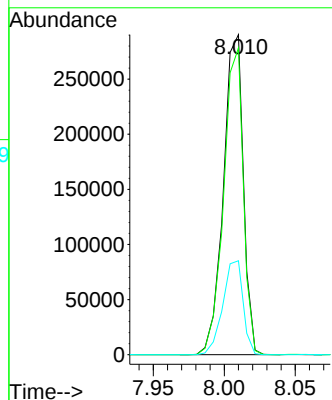
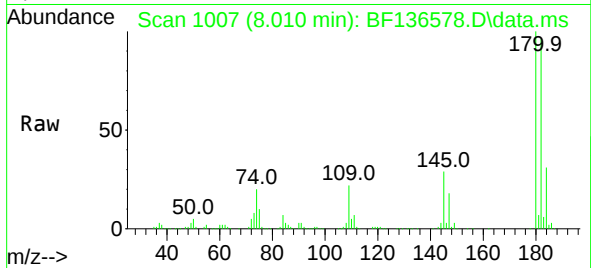
VNJ-216MSD

Tgt Ion:180 Resp: 284028
Ion Ratio Lower Upper
180 100
182 95.9 73.1 109.7
145 29.3 23.8 35.8

Manual Integrations

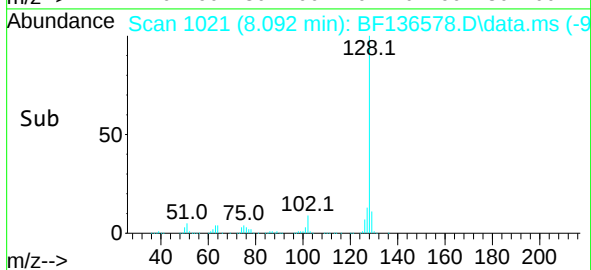
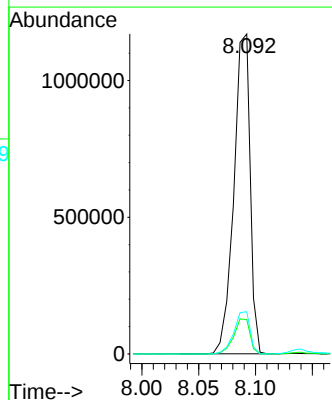
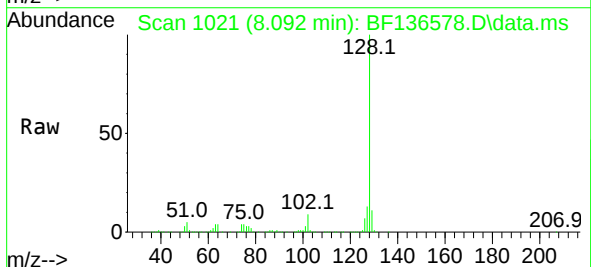
APPROVED

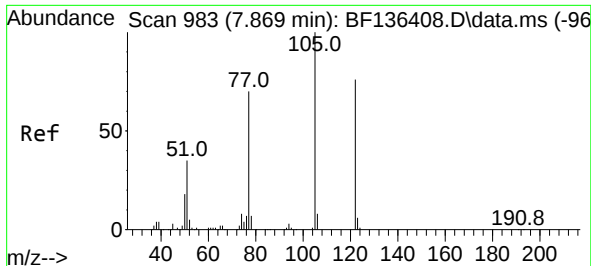
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#31
Naphthalene
Concen: 55.281 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Tgt Ion:128 Resp: 1165488
Ion Ratio Lower Upper
128 100
129 10.8 8.3 12.5
127 13.2 11.1 16.7





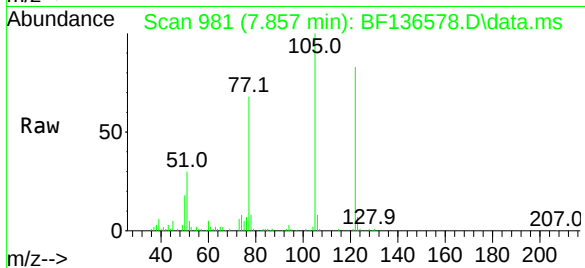
#32
Benzoic acid
Concen: 33.930 ng
RT: 7.857 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Instrument :

BNA_F

ClientSampleId :

VNJ-216MSD

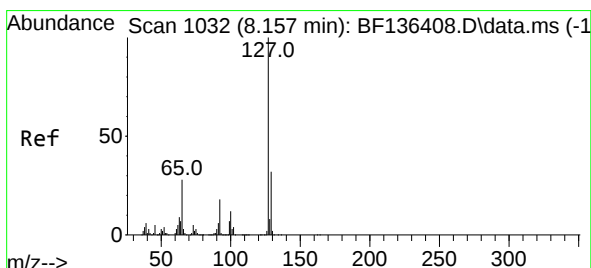
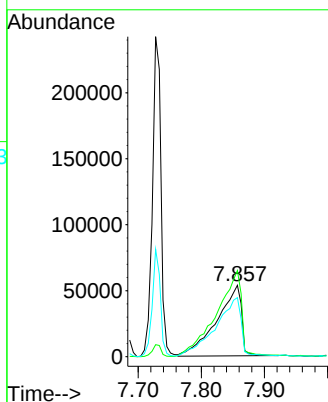
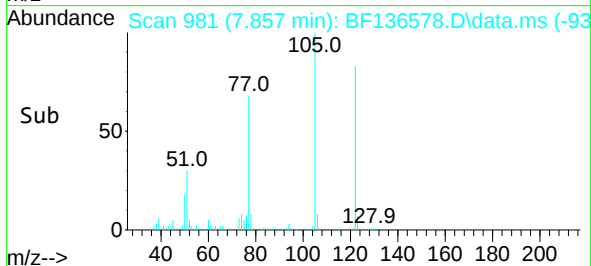


Tgt Ion:122 Resp: 145159
Ion Ratio Lower Upper
122 100
105 120.8 104.7 144.7
77 82.8 68.5 108.5

Manual Integrations

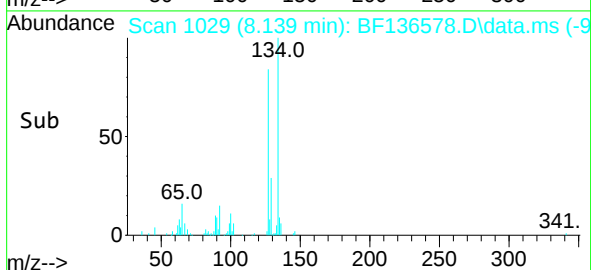
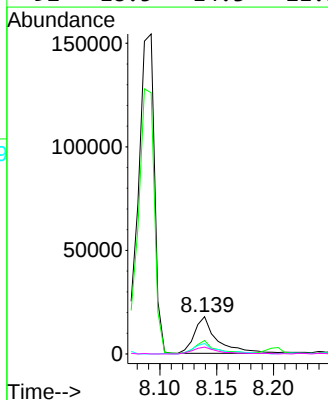
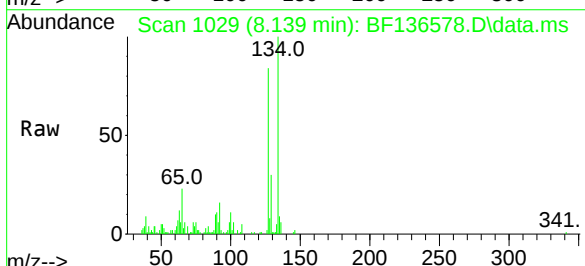
APPROVED

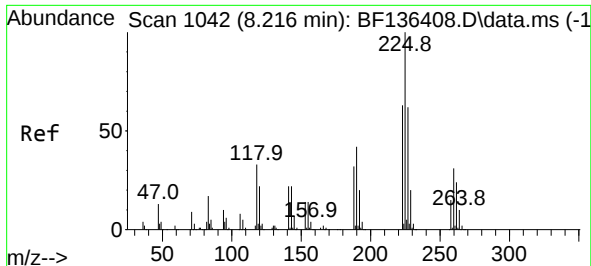
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#33
4-Chloroaniline
Concen: 3.226 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Tgt Ion:127 Resp: 24248
Ion Ratio Lower Upper
127 100
129 36.0 25.4 38.2
65 27.8 22.5 33.7
92 18.5 14.3 21.5





#34
Hexachlorobutadiene
Concen: 41.945 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Instrument :

BNA_F

ClientSampleId :

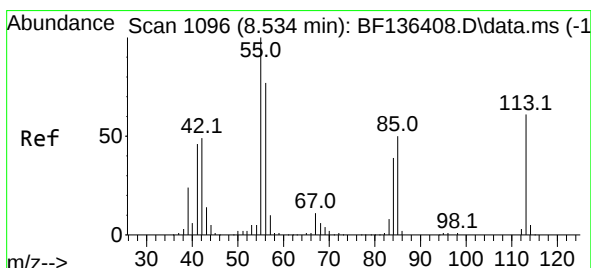
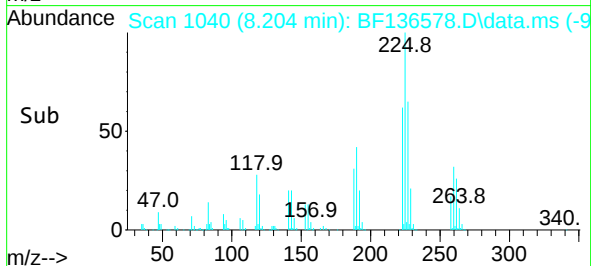
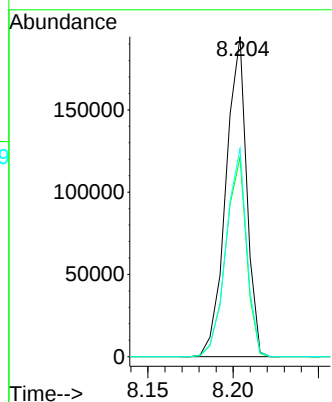
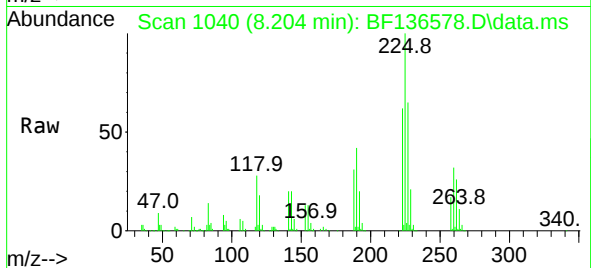
VNJ-216MSD

Tgt Ion:225 Resp: 165000
Ion Ratio Lower Upper
225 100
223 62.3 50.8 76.2
227 65.0 49.8 74.8

Manual Integrations

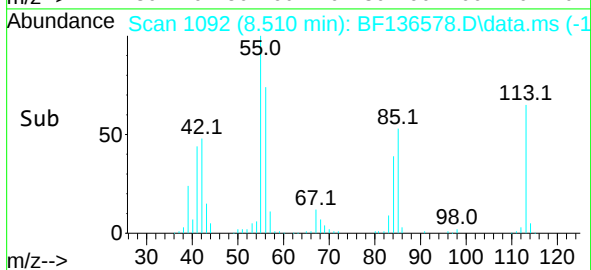
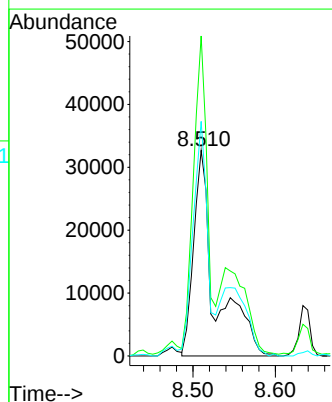
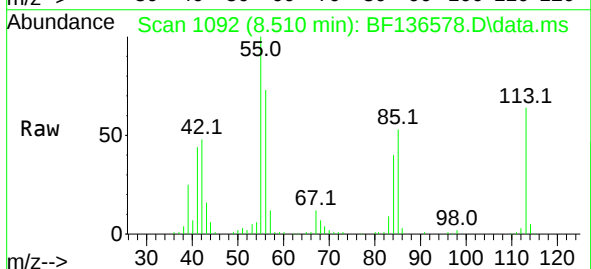
APPROVED

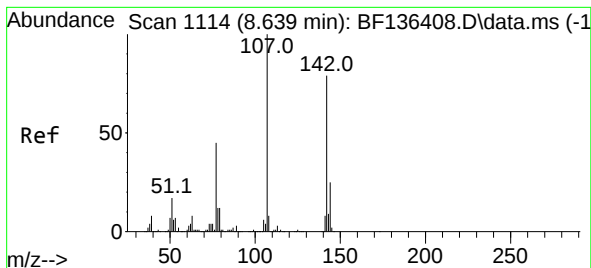
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#35
Caprolactam
Concen: 34.116 ng m
RT: 8.510 min Scan# 1092
Delta R.T. -0.012 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

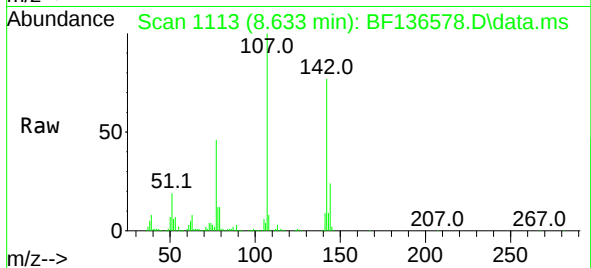
Tgt Ion:113 Resp: 59805
Ion Ratio Lower Upper
113 100
55 155.7 143.7 183.7
56 114.1 105.2 145.2





#36
4-Chloro-3-methylphenol
Concen: 39.595 ng
RT: 8.633 min Scan# 1114
Delta R.T. 0.006 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

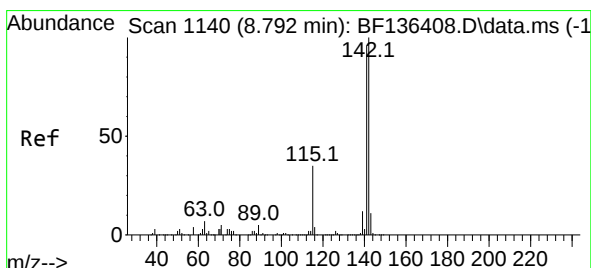
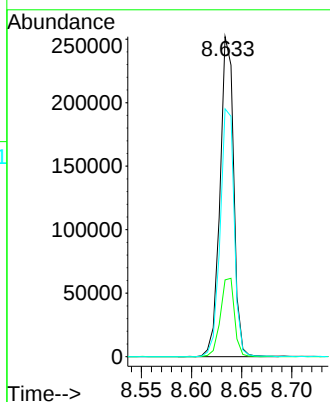
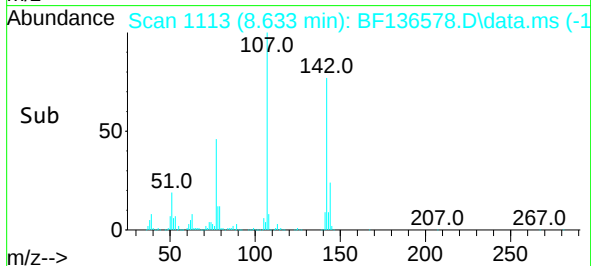
Instrument :
BNA_F
ClientSampleId :
VNJ-216MSD



Tgt Ion:107 Resp: 239315
Ion Ratio Lower Upper
107 100
144 24.0 20.1 30.1
142 77.5 63.1 94.7

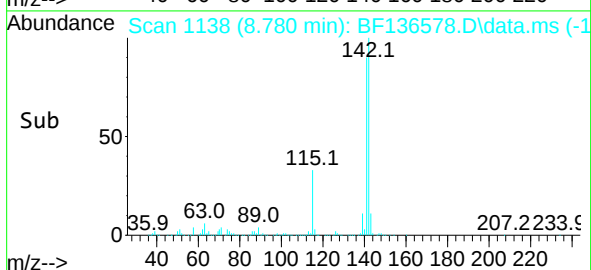
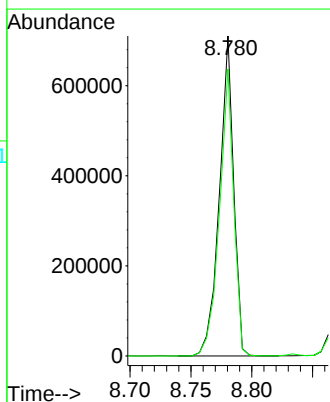
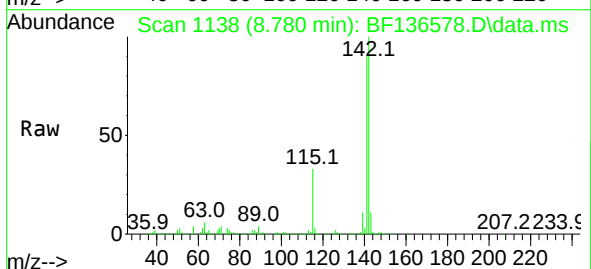
Manual Integrations
APPROVED

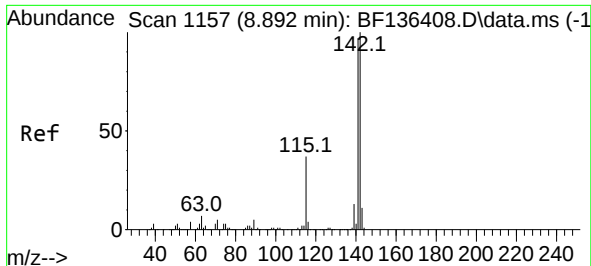
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#37
2-Methylnaphthalene
Concen: 43.403 ng
RT: 8.780 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Tgt Ion:142 Resp: 582156
Ion Ratio Lower Upper
142 100
141 89.6 76.4 114.6





#38
1-Methylnaphthalene
Concen: 42.229 ng
RT: 8.880 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Instrument :

BNA_F

ClientSampleId :

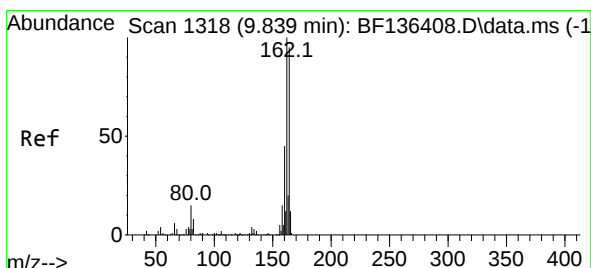
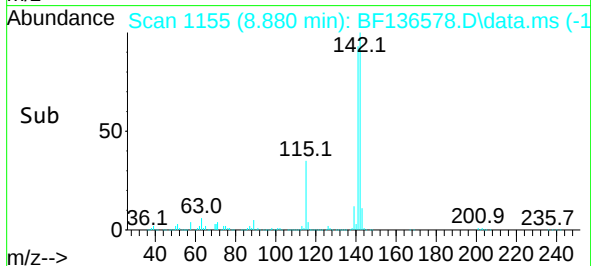
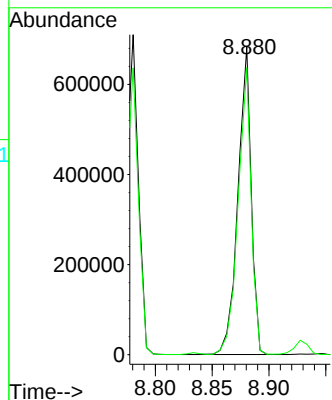
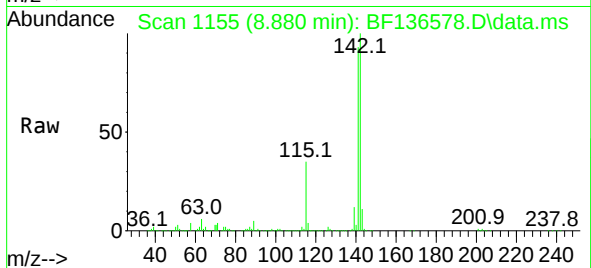
VNJ-216MSD

Tgt Ion:142 Resp: 555814
Ion Ratio Lower Upper
142 100
141 93.2 77.7 116.5

Manual Integrations

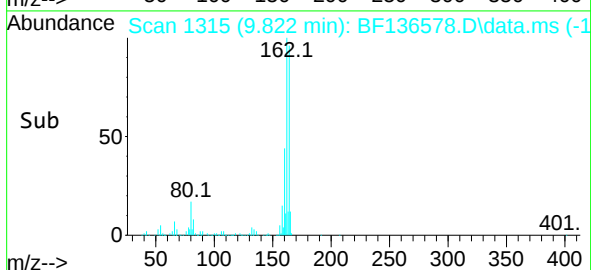
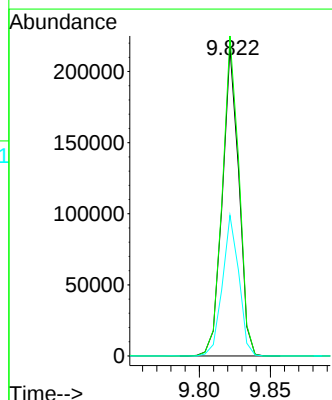
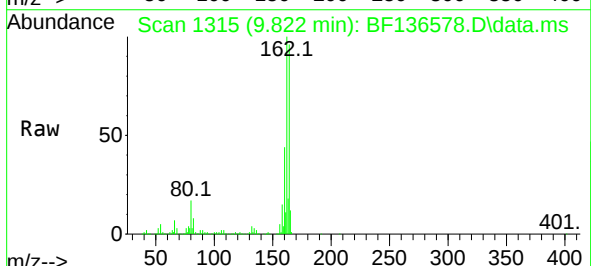
APPROVED

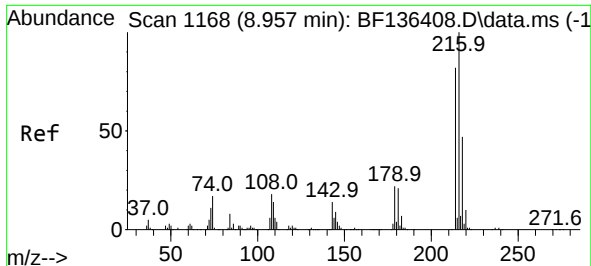
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Tgt Ion:164 Resp: 174311
Ion Ratio Lower Upper
164 100
162 103.9 84.4 126.6
160 45.7 37.6 56.4





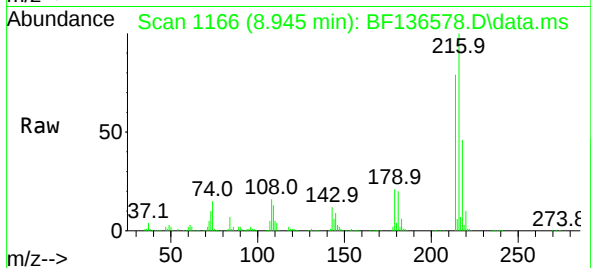
#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.661 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Instrument :

BNA_F

ClientSampleId :

VNJ-216MSD

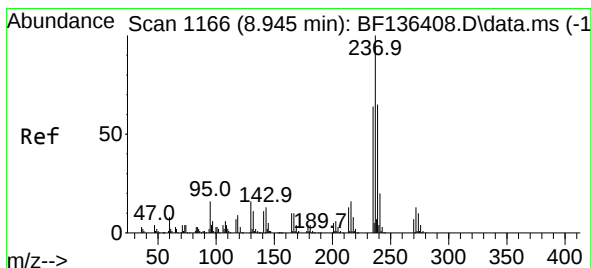
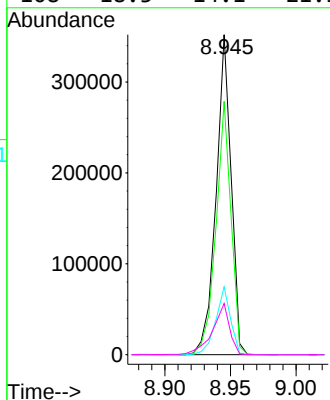
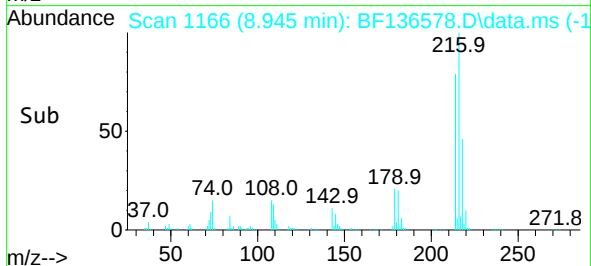


Tgt Ion:216 Resp: 280160
Ion Ratio Lower Upper
216 100
214 79.2 64.1 96.1
179 20.9 17.0 25.6
108 18.3 14.1 21.1

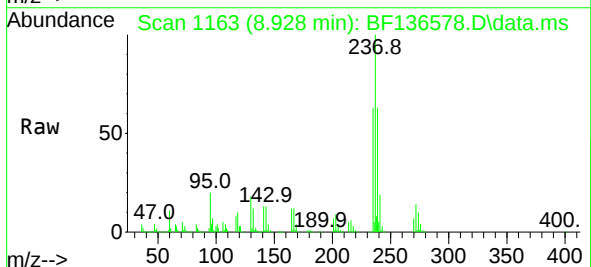
Manual Integrations

APPROVED

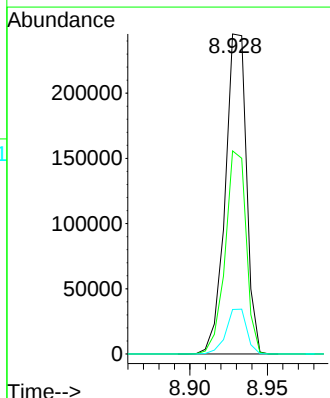
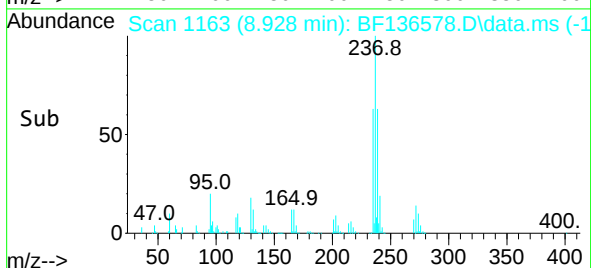
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

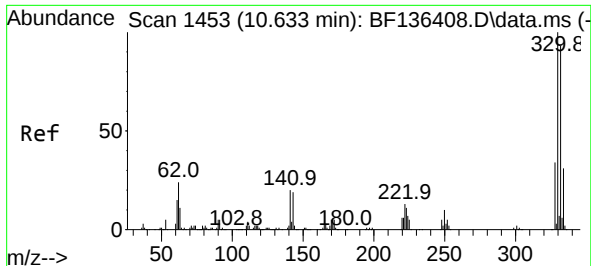


#41
Hexachlorocyclopentadiene
Concen: 116.485 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22



Tgt Ion:237 Resp: 234030
Ion Ratio Lower Upper
237 100
235 63.5 44.1 84.1
272 13.9 0.0 33.3





#42
2,4,6-Tribromophenol
Concen: 125.424 ng
RT: 10.622 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Instrument :

BNA_F

ClientSampleId :

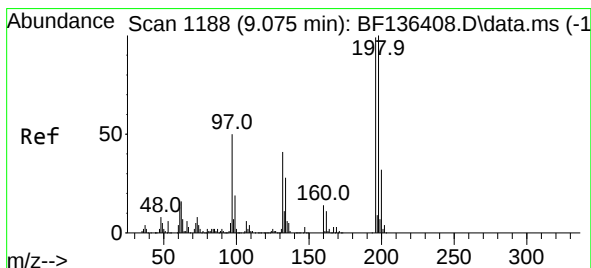
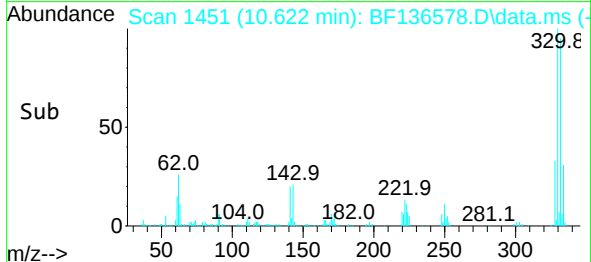
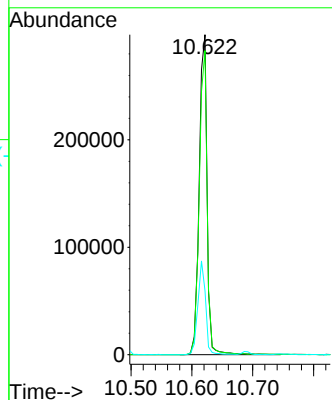
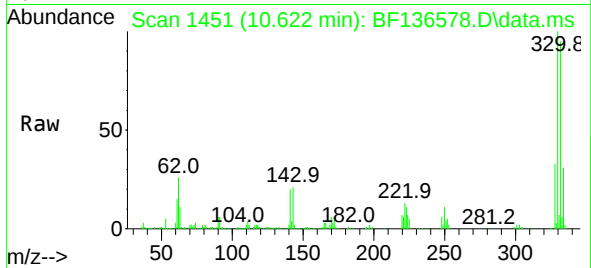
VNJ-216MSD

Tgt Ion:330 Resp: 269570
Ion Ratio Lower Upper
330 100
332 94.9 76.4 114.6
141 28.5 23.4 35.2

Manual Integrations

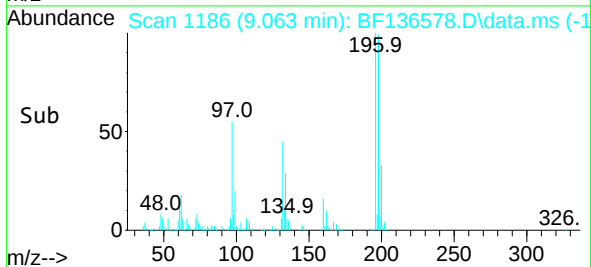
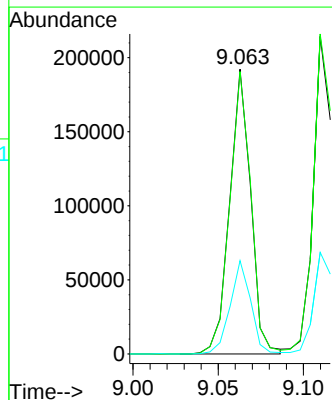
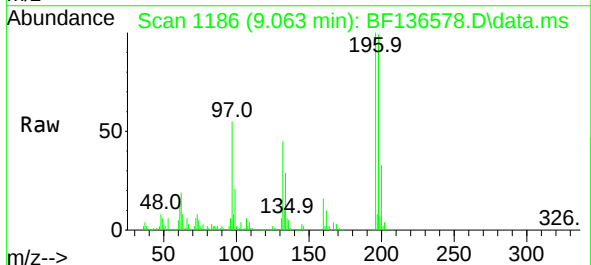
APPROVED

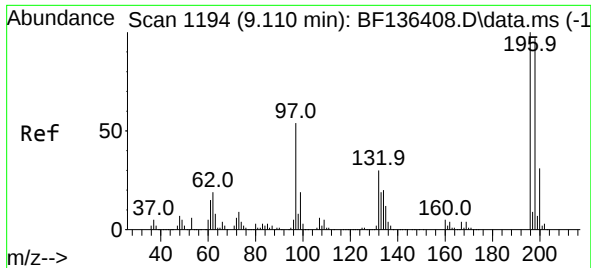
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#43
2,4,6-Trichlorophenol
Concen: 46.892 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Tgt Ion:196 Resp: 165581
Ion Ratio Lower Upper
196 100
198 99.1 80.4 120.6
200 32.8 25.9 38.9





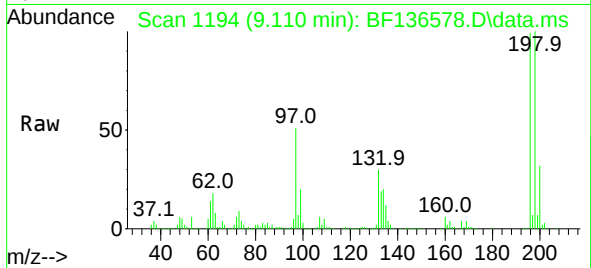
#44
2,4,5-Trichlorophenol
Concen: 43.212 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Instrument :

BNA_F

ClientSampleId :

VNJ-216MSD



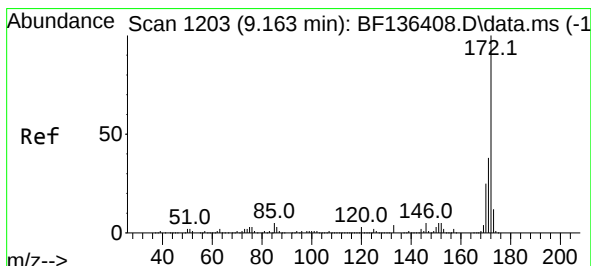
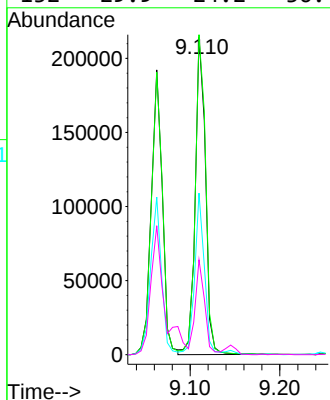
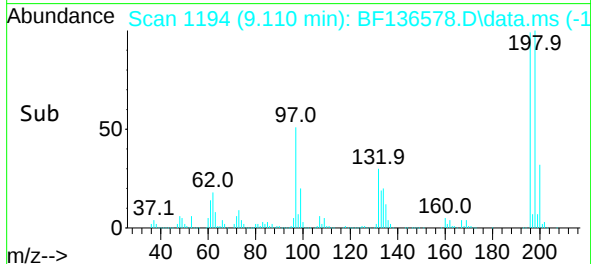
Tgt Ion:196 Resp: 17030
Ion Ratio Lower Upper
196 100
198 100.8 78.1 117.1
97 50.9 43.4 65.2
132 29.9 24.2 36.4

Manual Integrations

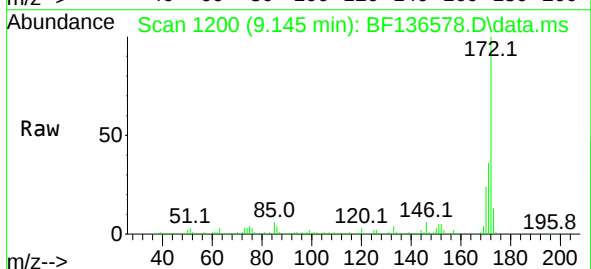
APPROVED

Reviewed By :Yogesh Patel 12/15/2023

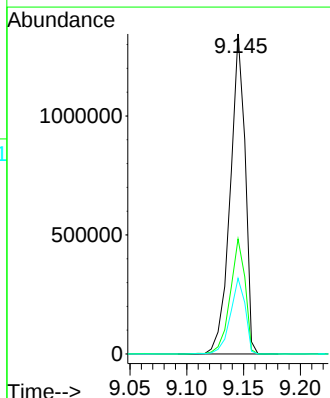
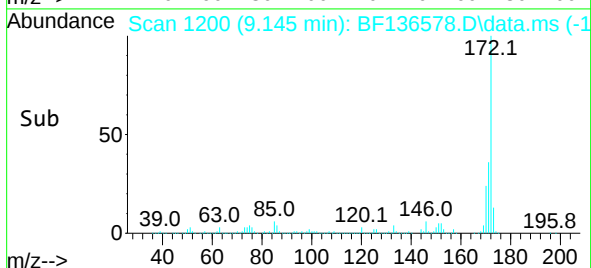
Supervised By :mohammad ahmed 12/15/2023

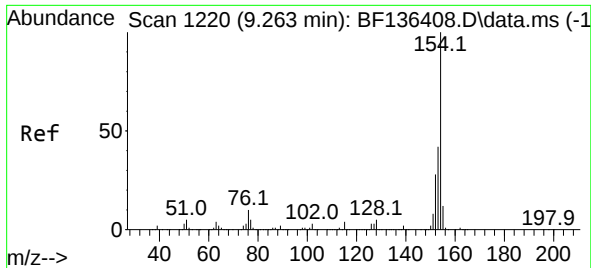


#45
2-Fluorobiphenyl
Concen: 95.632 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22



Tgt Ion:172 Resp: 1221670
Ion Ratio Lower Upper
172 100
171 36.0 30.5 45.7
170 23.7 19.9 29.9





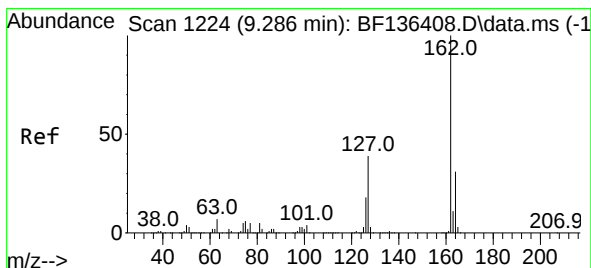
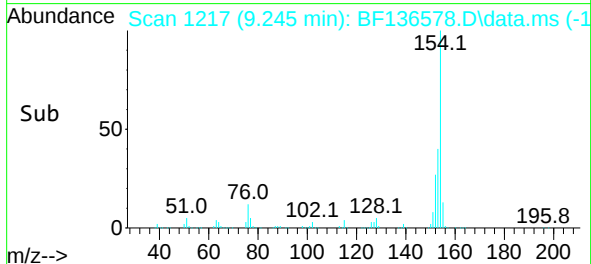
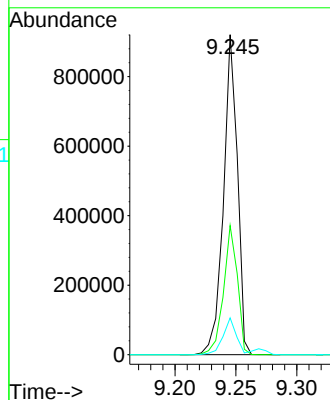
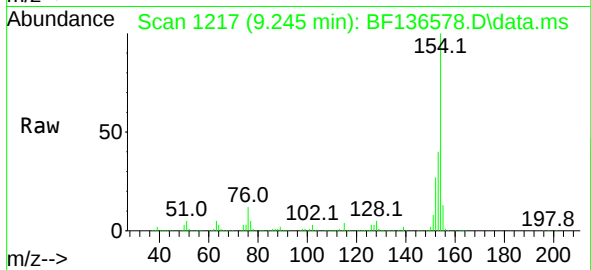
#46
1,1'-Biphenyl
Concen: 49.414 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Instrument :
BNA_F
ClientSampleId :
VNJ-216MSD

Tgt Ion:154 Resp: 732910
Ion Ratio Lower Upper
154 100
153 40.4 22.5 62.5
76 11.5 0.0 29.9

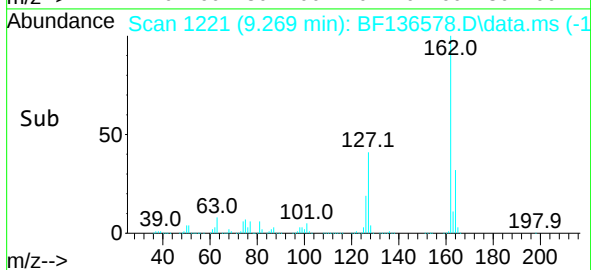
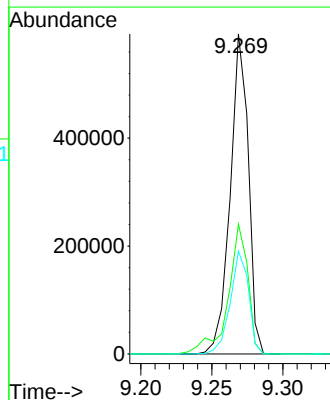
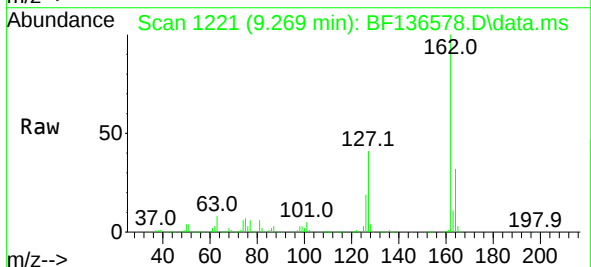
Manual Integrations
APPROVED

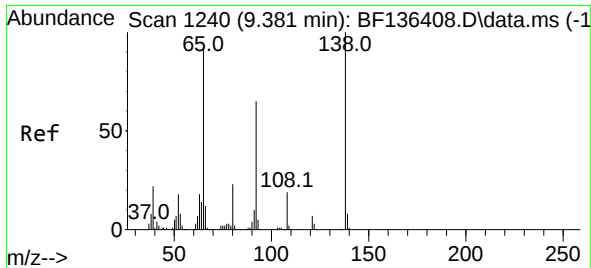
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#47
2-Chloronaphthalene
Concen: 45.686 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Tgt Ion:162 Resp: 527400
Ion Ratio Lower Upper
162 100
127 40.6 31.1 46.7
164 32.2 24.6 37.0





#48
2-Nitroaniline
Concen: 42.590 ng
RT: 9.369 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Instrument :

BNA_F

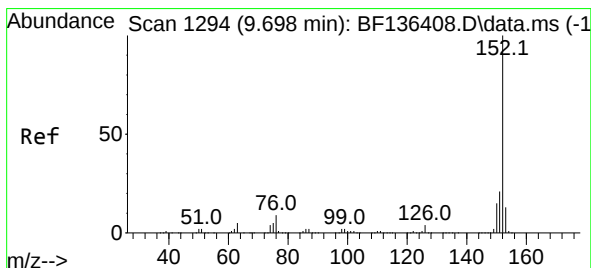
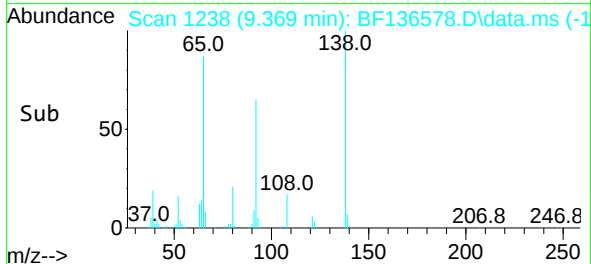
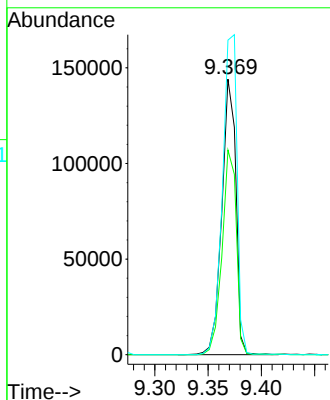
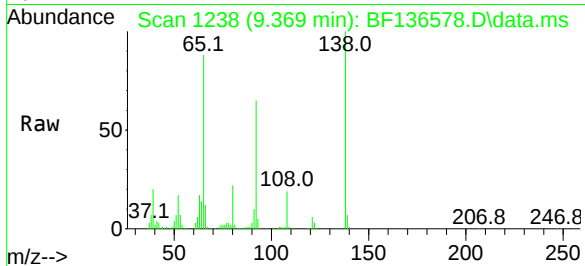
ClientSampleId :

VNJ-216MSD

Tgt Ion: 65 Resp: 13186
Ion Ratio Lower Upper
65 100
92 74.3 56.1 84.1
138 114.1 86.7 130.1

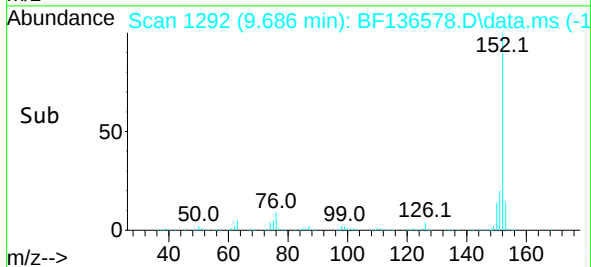
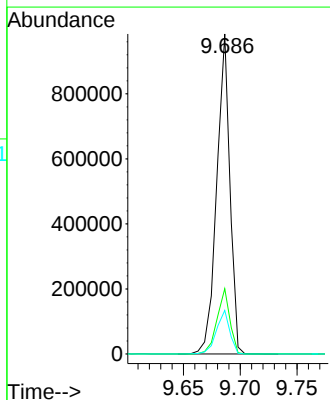
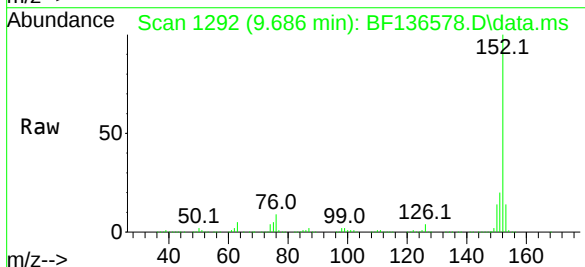
Manual Integrations
APPROVED

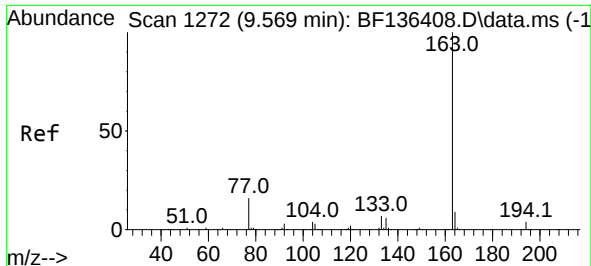
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#49
Acenaphthylene
Concen: 48.261 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Tgt Ion:152 Resp: 793648
Ion Ratio Lower Upper
152 100
151 20.4 17.2 25.8
153 13.6 10.6 15.8





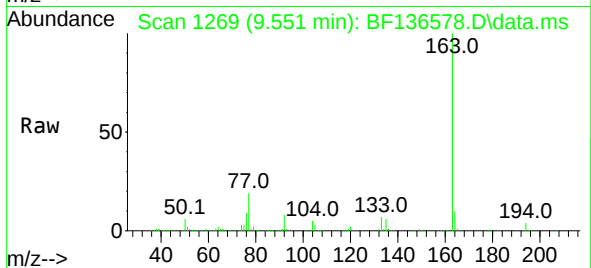
#50
Dimethylphthalate
Concen: 47.655 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Instrument :

BNA_F

ClientSampleId :

VNJ-216MSD

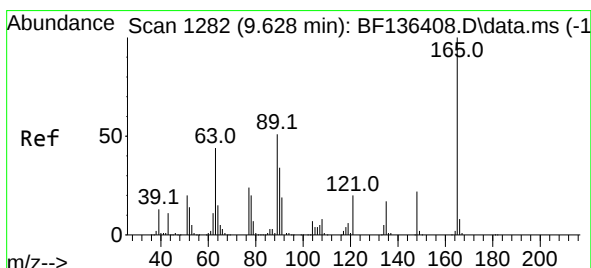
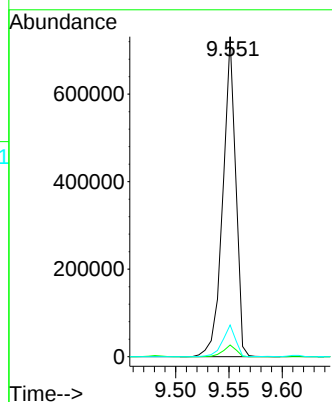
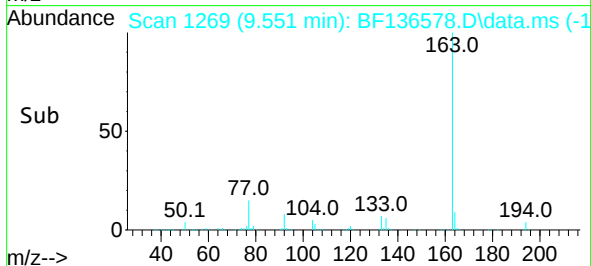


Tgt Ion:163 Resp: 611580
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 9.9 7.4 11.2

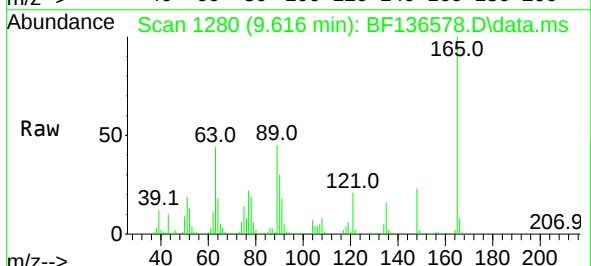
Manual Integrations

APPROVED

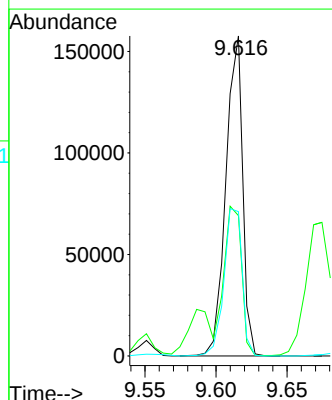
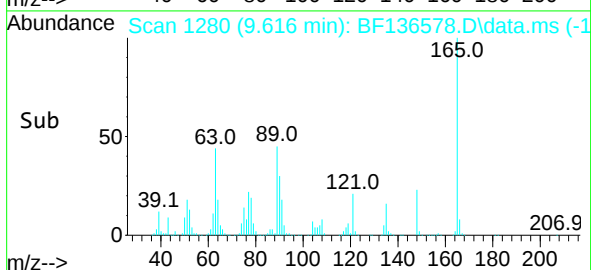
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

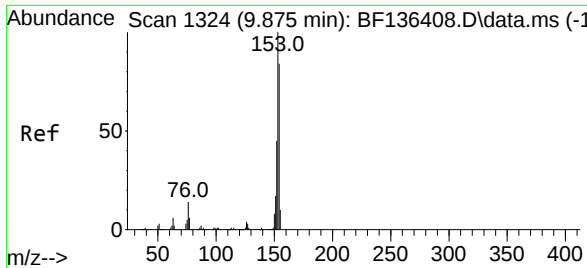


#51
2,6-Dinitrotoluene
Concen: 44.912 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22



Tgt Ion:165 Resp: 129668
Ion Ratio Lower Upper
165 100
63 43.9 40.4 60.6
89 45.1 40.6 60.8





#52

Acenaphthene

Concen: 47.500 ng

RT: 9.857 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136578.D

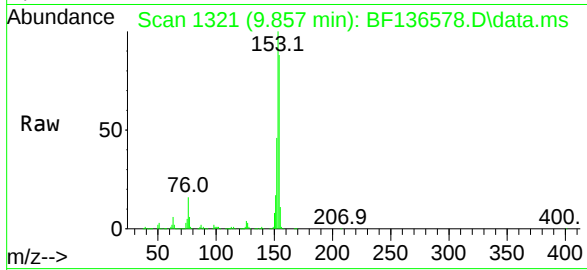
Acq: 14 Dec 2023 20:22

Instrument :

BNA_F

ClientSampleId :

VNJ-216MSD



Tgt Ion:154 Resp: 500560

Ion Ratio Lower Upper

154 100

153 113.4 95.3 142.9

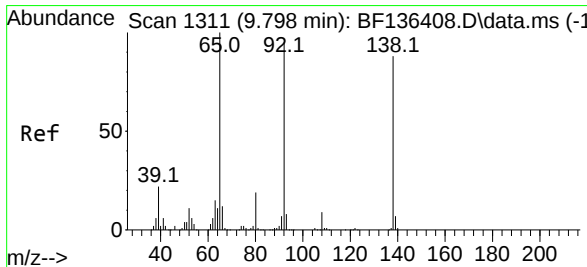
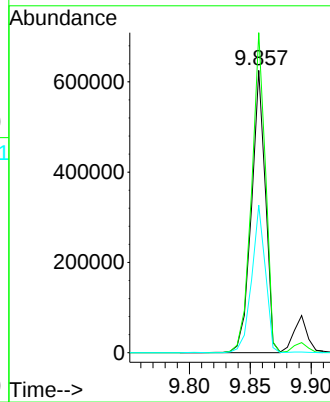
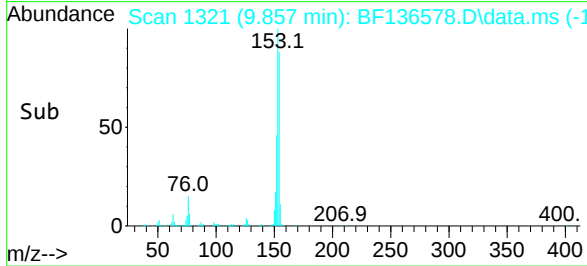
152 52.3 43.2 64.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#53

3-Nitroaniline

Concen: 12.217 ng

RT: 9.780 min Scan# 1308

Delta R.T. -0.006 min

Lab File: BF136578.D

Acq: 14 Dec 2023 20:22

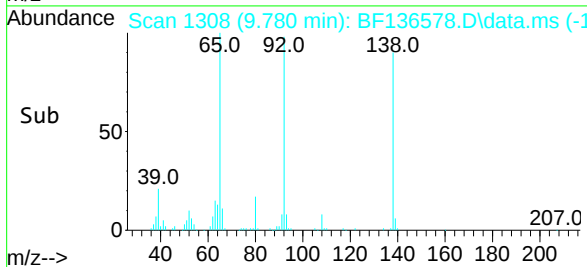
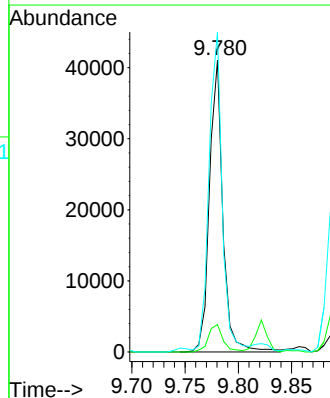
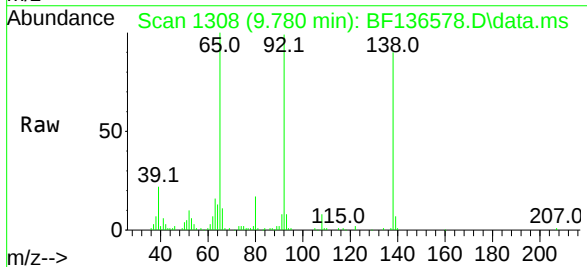
Tgt Ion:138 Resp: 36019

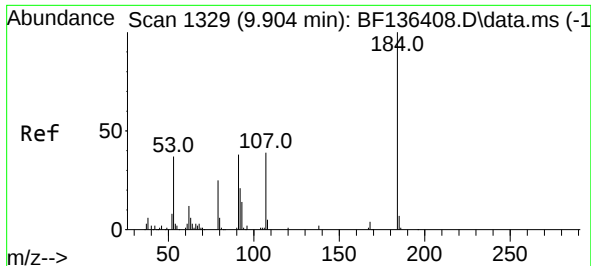
Ion Ratio Lower Upper

138 100

108 9.4 8.5 12.7

92 109.7 86.1 129.1





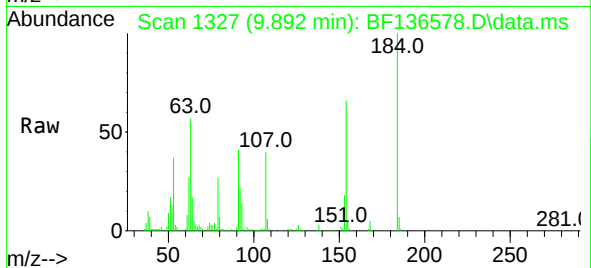
#54
2,4-Dinitrophenol
Concen: 68.603 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Instrument :

BNA_F

ClientSampleId :

VNJ-216MSD

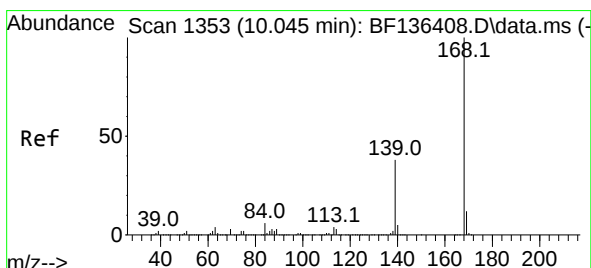
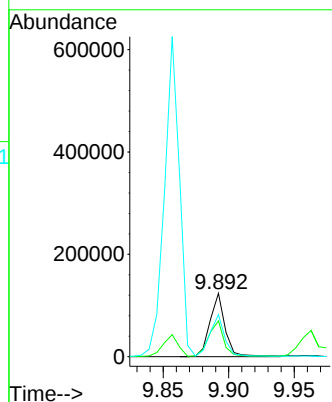
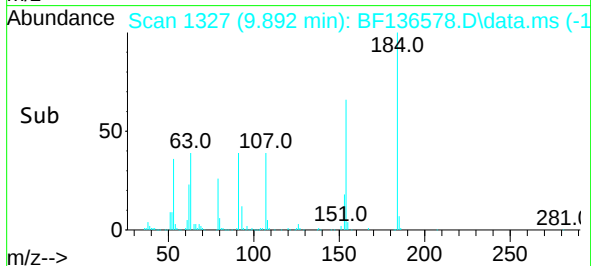


Tgt Ion:184 Resp: 10014
Ion Ratio Lower Upper
184 100
63 56.7 39.1 58.7
154 66.4 49.9 74.9

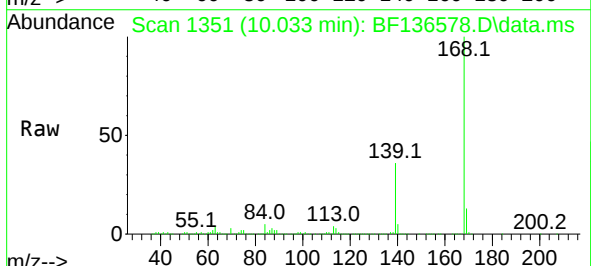
Manual Integrations

APPROVED

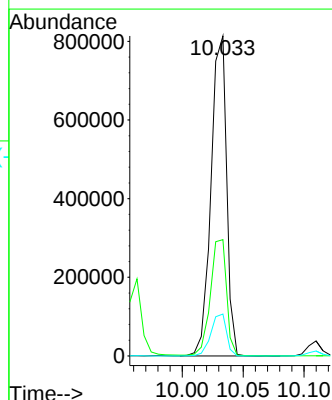
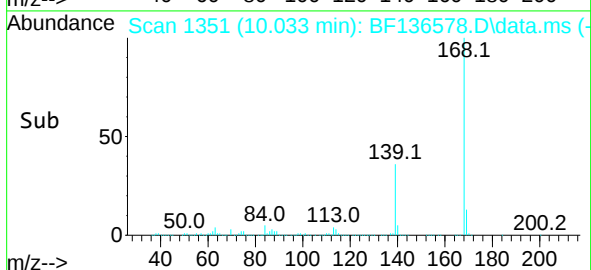
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

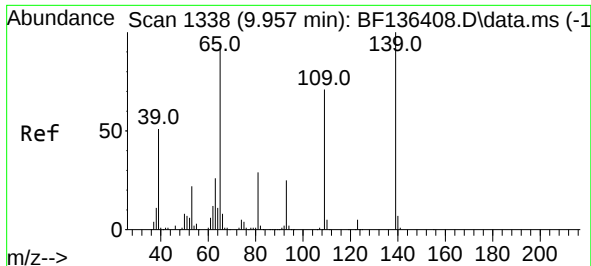


#55
Dibenzofuran
Concen: 46.895 ng
RT: 10.033 min Scan# 1351
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22



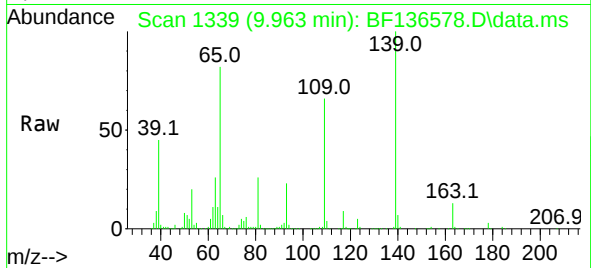
Tgt Ion:168 Resp: 721931
Ion Ratio Lower Upper
168 100
139 36.3 30.4 45.6
169 13.1 9.9 14.9





#56
4-Nitrophenol
Concen: 74.347 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

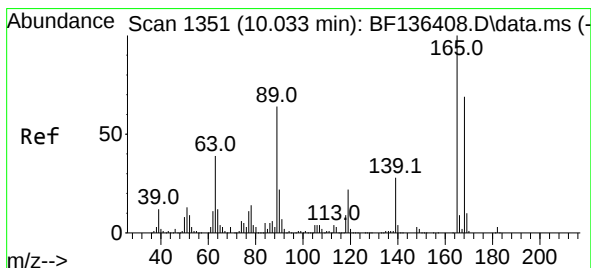
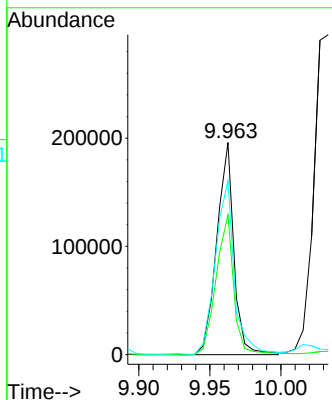
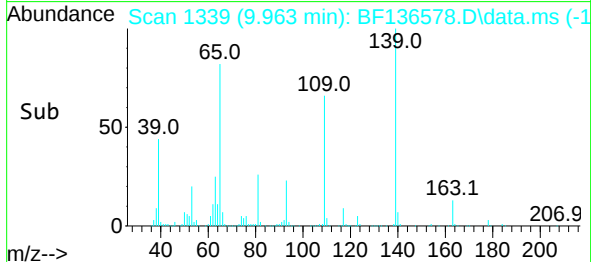
Instrument :
BNA_F
ClientSampleId :
VNJ-216MSD



Tgt Ion:139 Resp: 164318
Ion Ratio Lower Upper
139 100
109 65.9 50.6 90.6
65 81.9 73.1 113.1

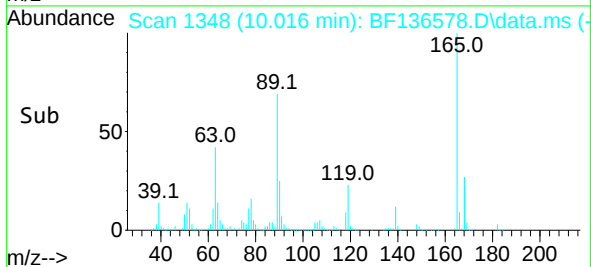
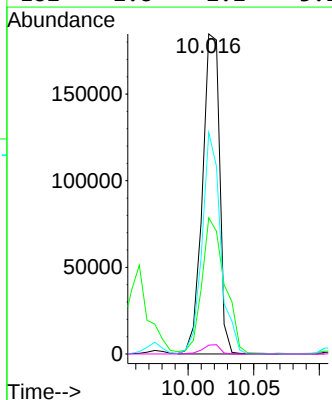
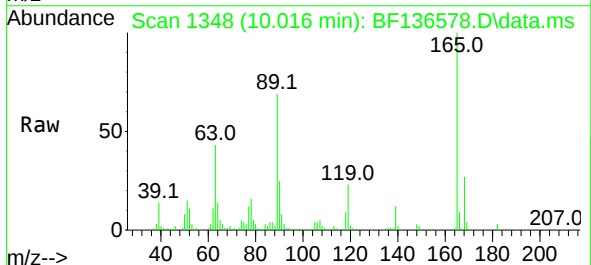
Manual Integrations
APPROVED

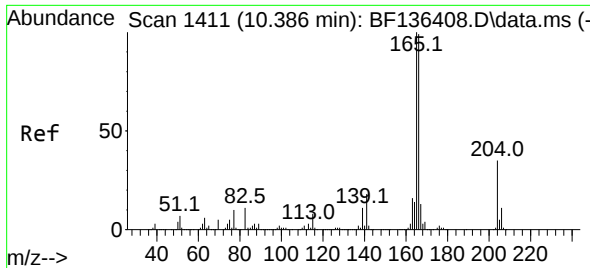
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#57
2,4-Dinitrotoluene
Concen: 44.181 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

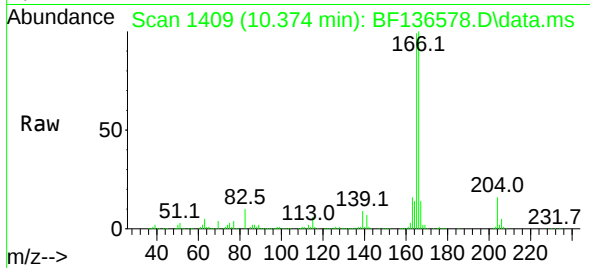
Tgt Ion:165 Resp: 168742
Ion Ratio Lower Upper
165 100
63 42.6 31.4 47.2
89 69.2 51.7 77.5
182 2.8 2.2 3.2





#58
Fluorene
Concen: 45.648 ng
RT: 10.374 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

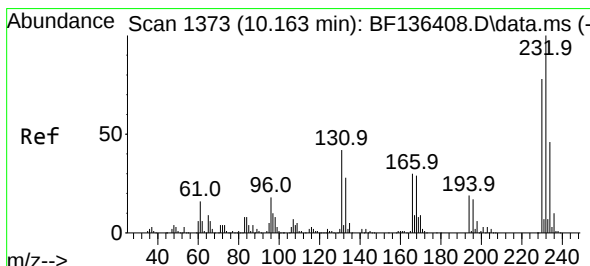
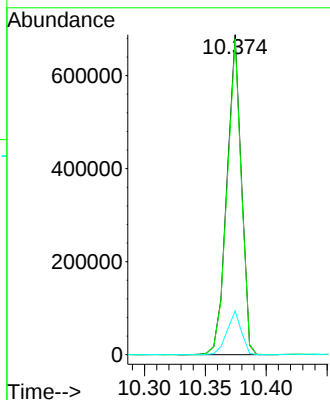
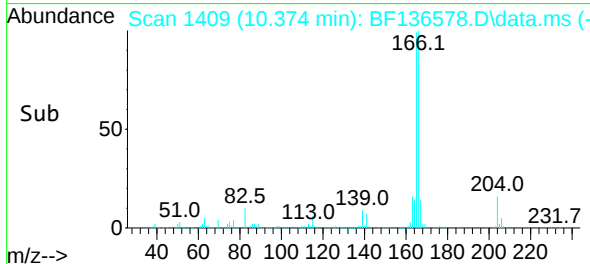
Instrument :
BNA_F
ClientSampleId :
VNJ-216MSD



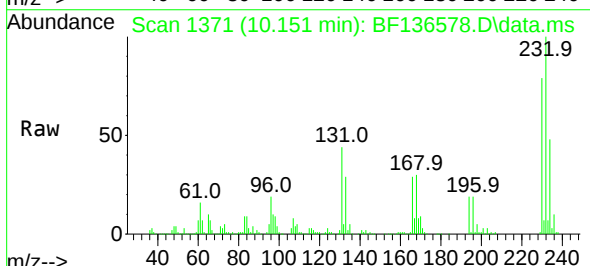
Tgt Ion:166 Resp: 564108
Ion Ratio Lower Upper
166 100
165 98.7 80.5 120.7
167 13.6 10.5 15.7

Manual Integrations
APPROVED

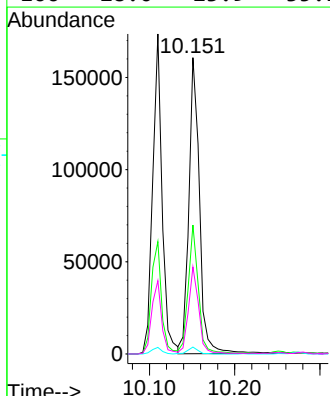
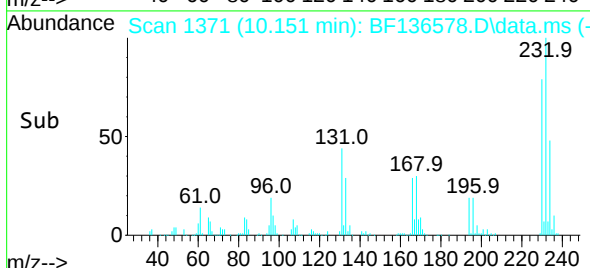
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

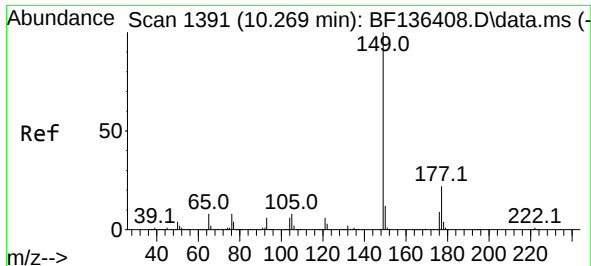


#59
2,3,4,6-Tetrachlorophenol
Concen: 43.927 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22



Tgt Ion:232 Resp: 138671
Ion Ratio Lower Upper
232 100
131 40.9 34.3 51.5
130 2.2 1.6 2.4
166 28.0 23.9 35.9





#60
Diethylphthalate
Concen: 44.513 ng
RT: 10.251 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Instrument :

BNA_F

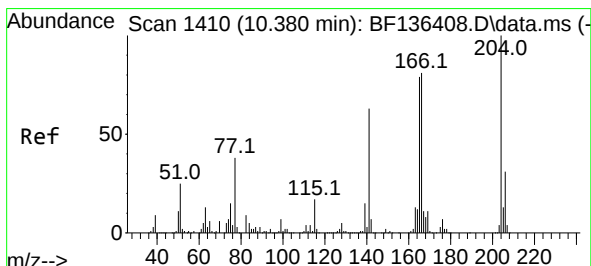
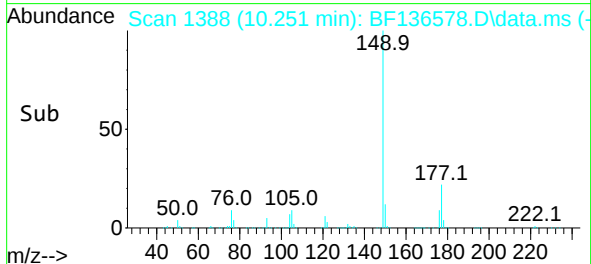
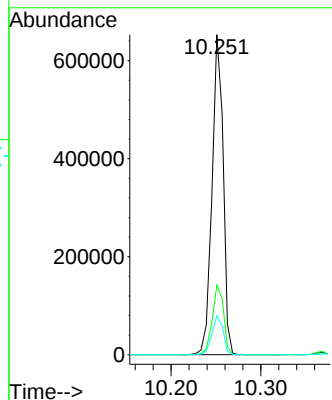
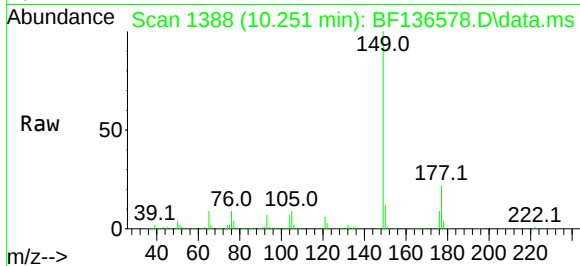
ClientSampleId :

VNJ-216MSD

Tgt Ion:149 Resp: 561734
Ion Ratio Lower Upper
149 100
177 21.7 17.8 26.8
150 12.2 9.4 14.0

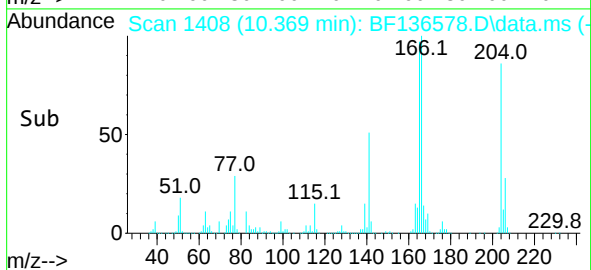
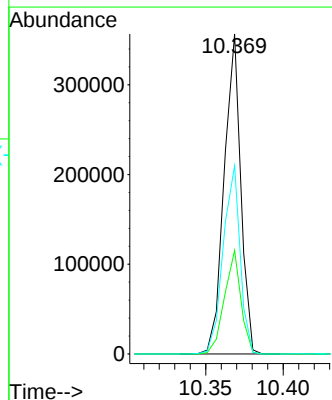
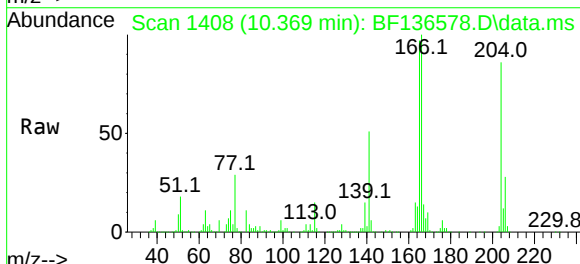
Manual Integrations
APPROVED

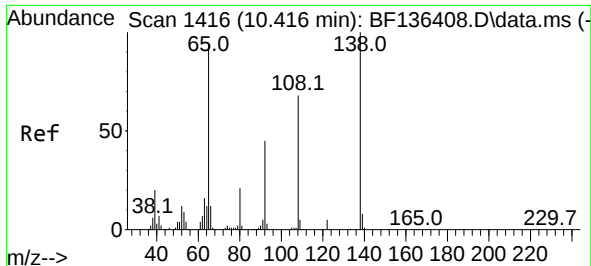
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#61
4-Chlorophenyl-phenylether
Concen: 44.122 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

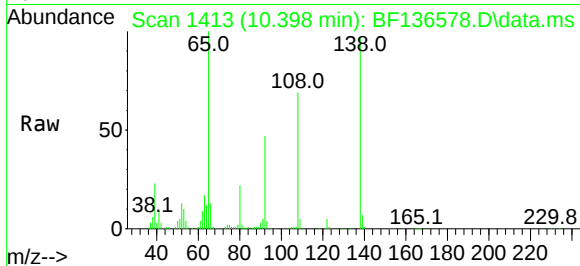
Tgt Ion:204 Resp: 265807
Ion Ratio Lower Upper
204 100
206 32.4 24.6 36.8
141 58.8 50.3 75.5





#62
4-Nitroaniline
Concen: 34.997 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

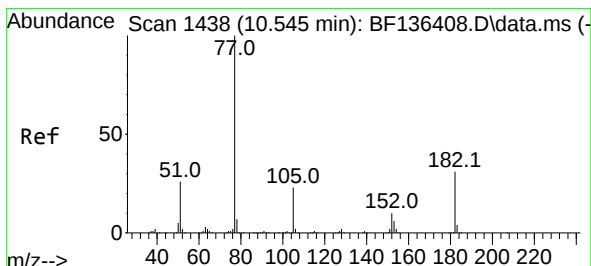
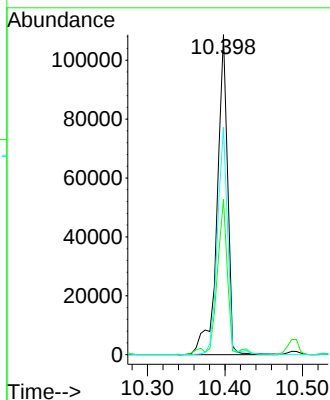
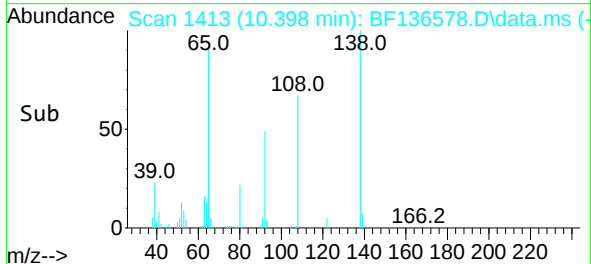
Instrument :
BNA_F
ClientSampleId :
VNJ-216MSD



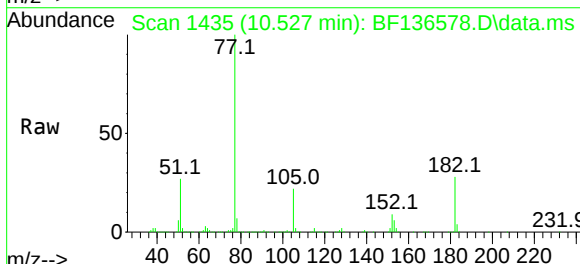
Tgt Ion:138 Resp: 10245
Ion Ratio Lower Upper
138 100
92 48.6 25.0 65.0
108 71.1 47.9 87.9

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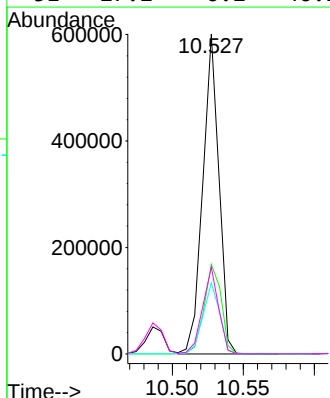
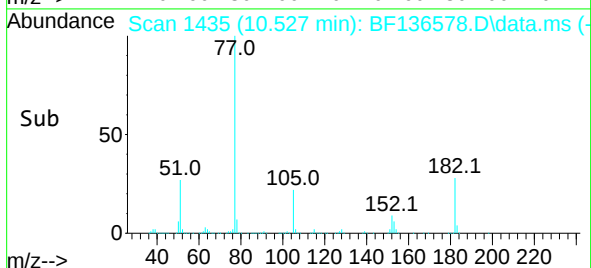
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

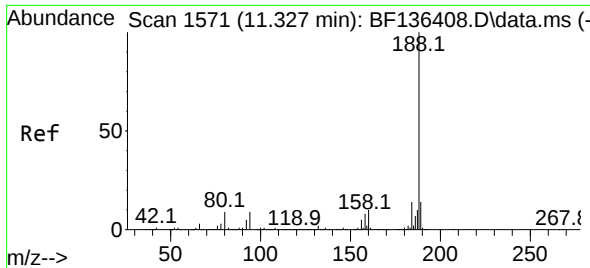


#63
Azobenzene
Concen: 41.513 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22



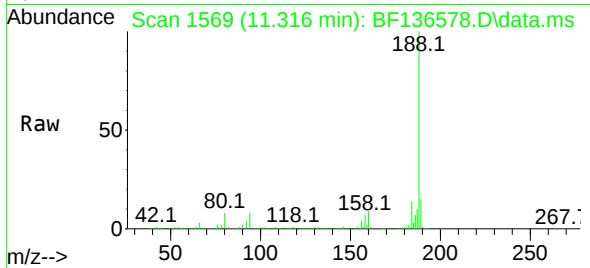
Tgt Ion: 77 Resp: 476837
Ion Ratio Lower Upper
77 100
182 28.0 10.8 50.8
105 22.2 2.6 42.6
51 27.2 6.2 46.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

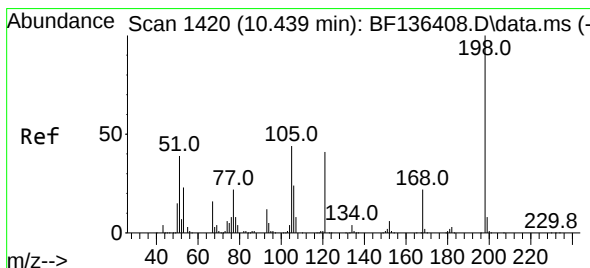
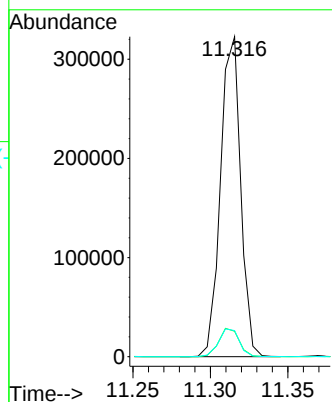
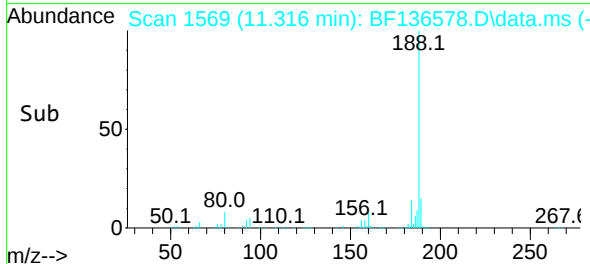
Instrument :
BNA_F
ClientSampleId :
VNJ-216MSD



Tgt Ion:188 Resp: 291929
Ion Ratio Lower Upper
188 100
94 8.0 7.2 10.8
80 8.1 7.2 10.8

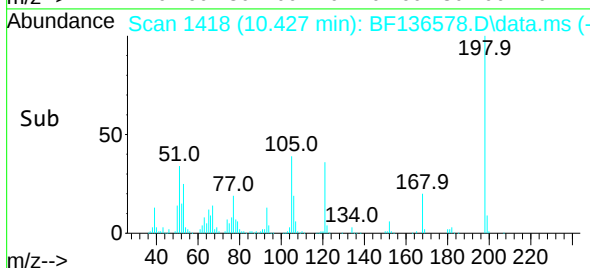
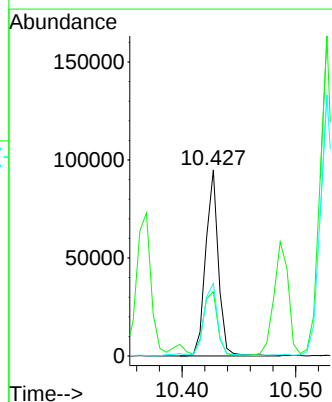
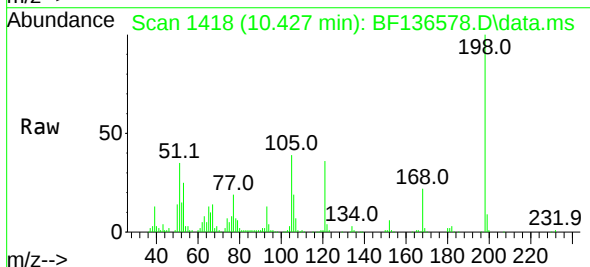
Manual Integrations
APPROVED

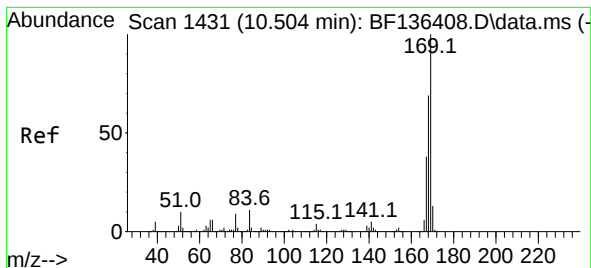
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#65
4,6-Dinitro-2-methylphenol
Concen: 40.749 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Tgt Ion:198 Resp: 73673
Ion Ratio Lower Upper
198 100
51 34.6 24.1 64.1
105 39.0 24.8 64.8





#66
n-Nitrosodiphenylamine
Concen: 48.343 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Instrument :

BNA_F

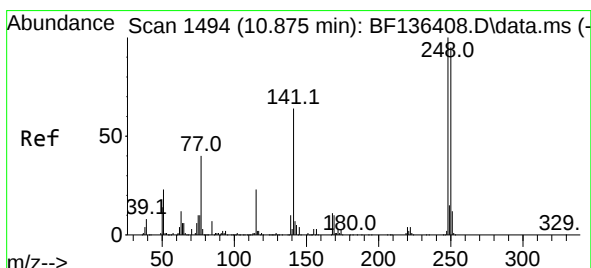
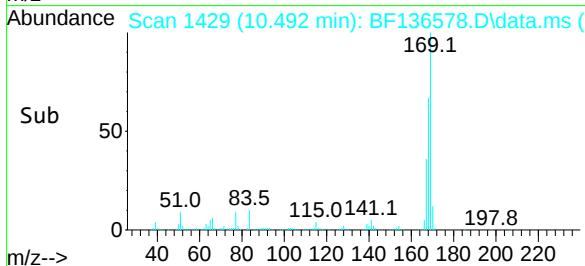
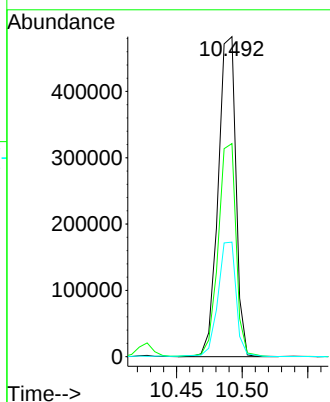
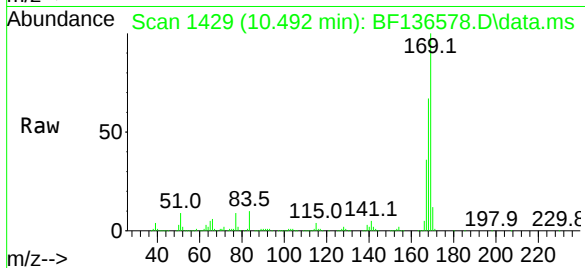
ClientSampleId :

VNJ-216MSD

Tgt Ion:169 Resp: 452849
Ion Ratio Lower Upper
169 100
168 66.6 55.3 82.9
167 35.8 30.1 45.1

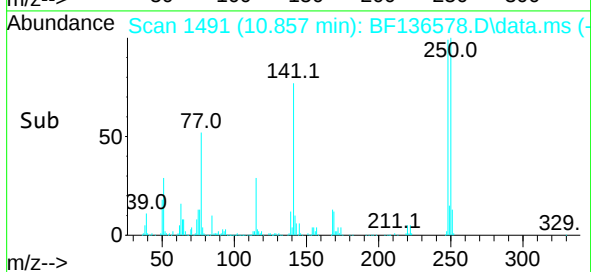
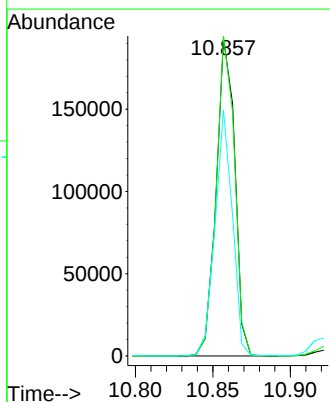
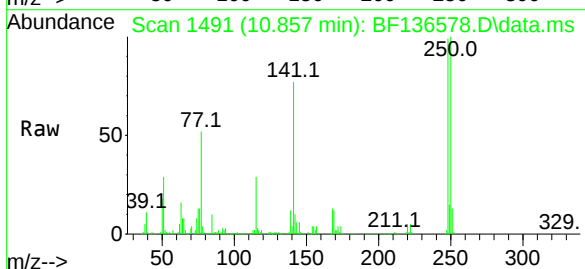
Manual Integrations
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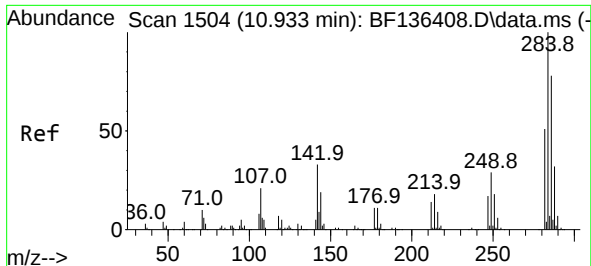
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#67
4-Bromophenyl-phenylether
Concen: 47.444 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

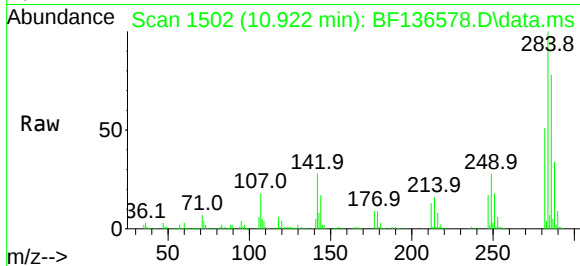
Tgt Ion:248 Resp: 161033
Ion Ratio Lower Upper
248 100
250 100.7 76.2 114.2
141 77.4 51.0 76.4#





#68
Hexachlorobenzene
Concen: 47.187 ng
RT: 10.922 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

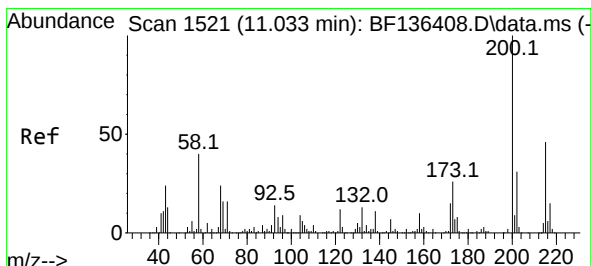
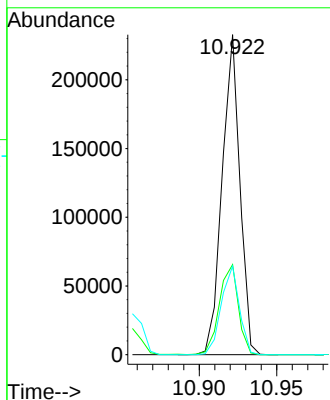
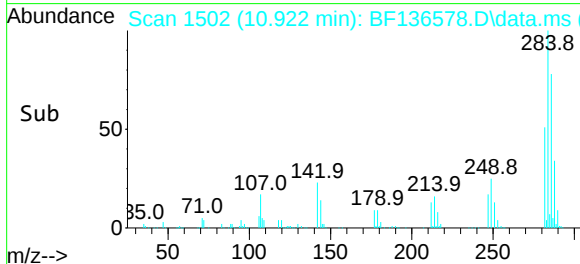
Instrument :
BNA_F
ClientSampleId :
VNJ-216MSD



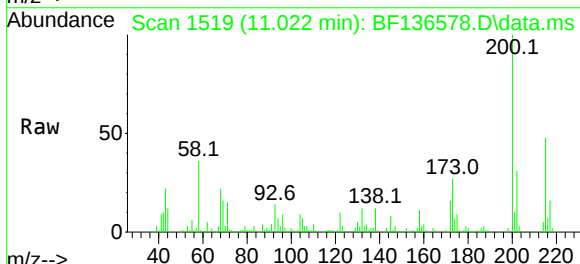
Tgt Ion:284 Resp: 185108
Ion Ratio Lower Upper
284 100
142 28.2 26.5 39.7
249 27.7 23.4 35.0

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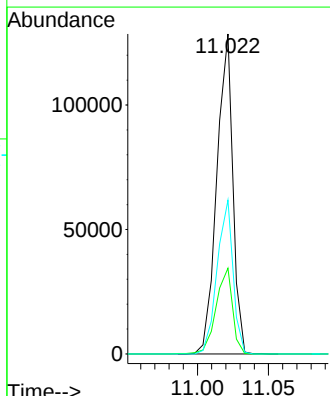
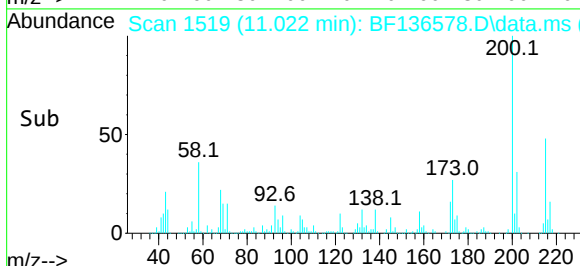
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

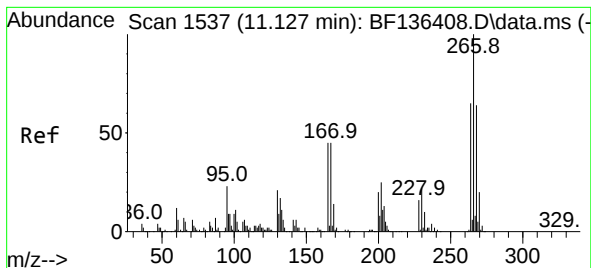


#69
Atrazine
Concen: 37.698 ng
RT: 11.022 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22



Tgt Ion:200 Resp: 100790
Ion Ratio Lower Upper
200 100
173 26.8 6.0 46.0
215 48.1 25.5 65.5





#70

Pentachlorophenol

Concen: 90.072 ng

RT: 11.121 min Scan# 1537

Delta R.T. -0.000 min

Lab File: BF136578.D

Acq: 14 Dec 2023 20:22

Instrument :

BNA_F

ClientSampleId :

VNJ-216MSD

Tgt Ion:266 Resp: 199418

Ion Ratio Lower Upper

266 100

268 61.4 51.0 76.6

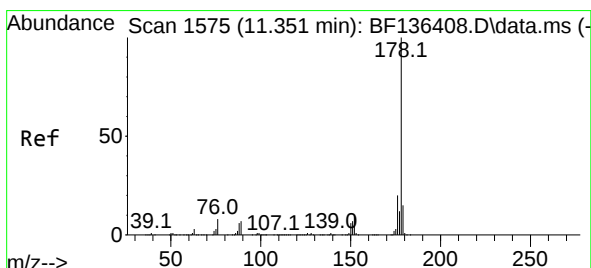
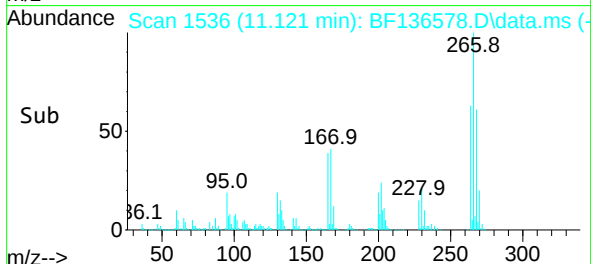
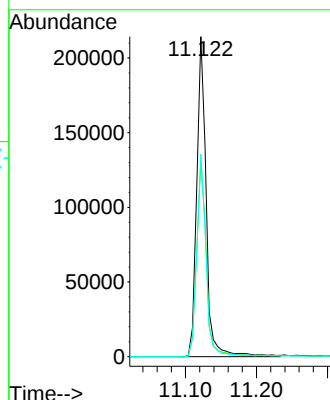
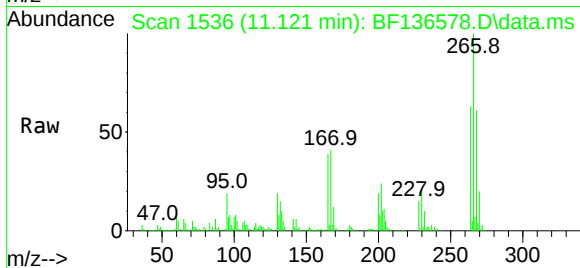
264 63.3 52.2 78.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#71

Phenanthrene

Concen: 49.335 ng

RT: 11.339 min Scan# 1573

Delta R.T. -0.000 min

Lab File: BF136578.D

Acq: 14 Dec 2023 20:22

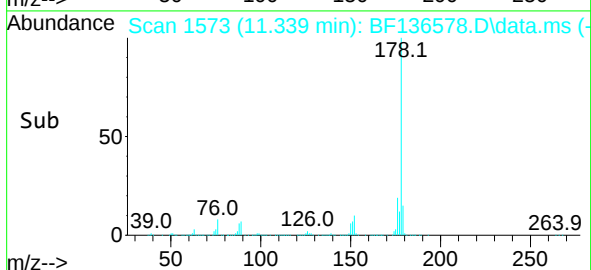
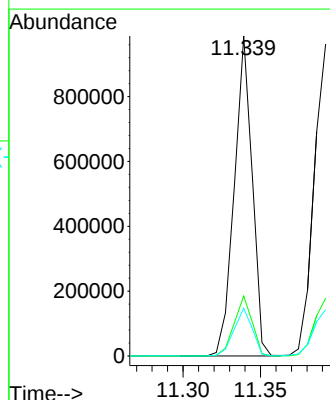
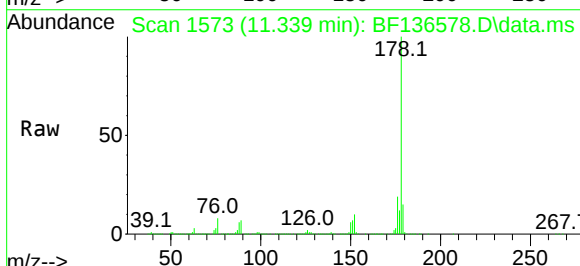
Tgt Ion:178 Resp: 791616

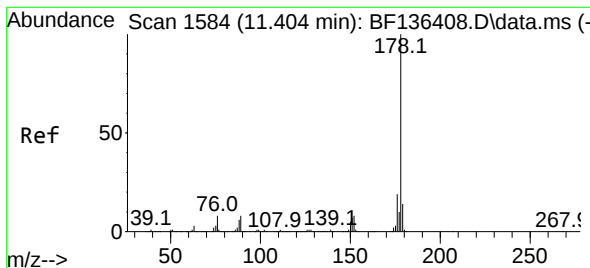
Ion Ratio Lower Upper

178 100

176 18.8 15.9 23.9

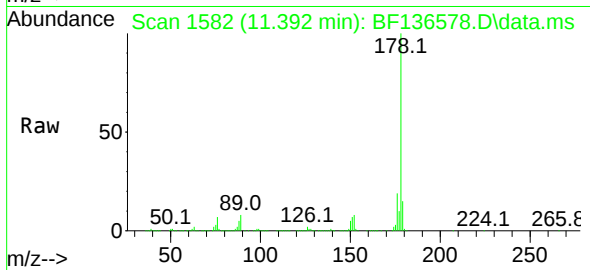
179 14.9 11.8 17.6





#72
 Anthracene
 Concen: 47.918 ng
 RT: 11.392 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF136578.D
 Acq: 14 Dec 2023 20:22

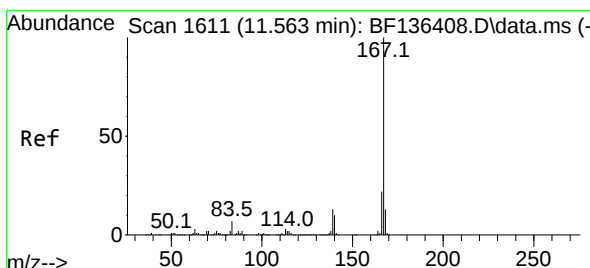
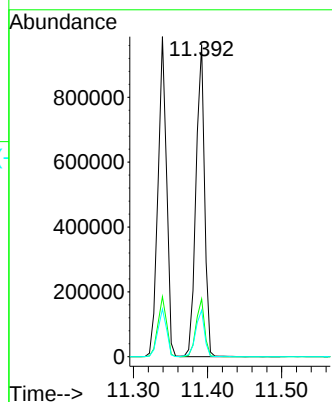
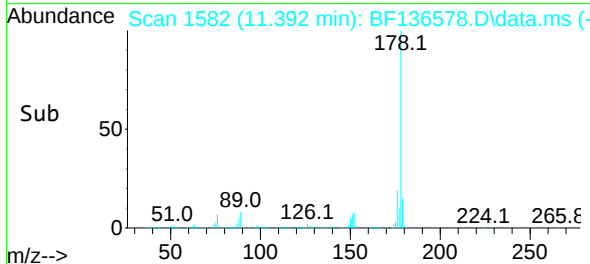
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-216MSD



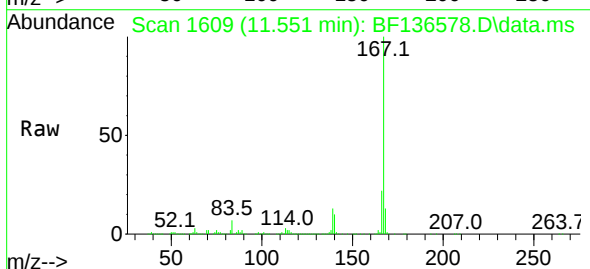
Tgt Ion:178 Resp: 774429
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.3 22.9
 179 14.9 11.4 17.0

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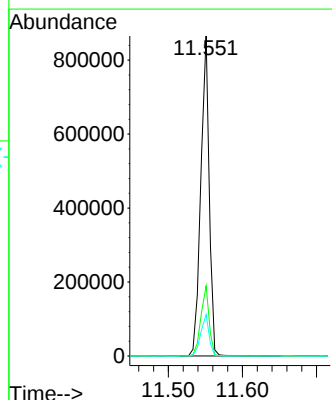
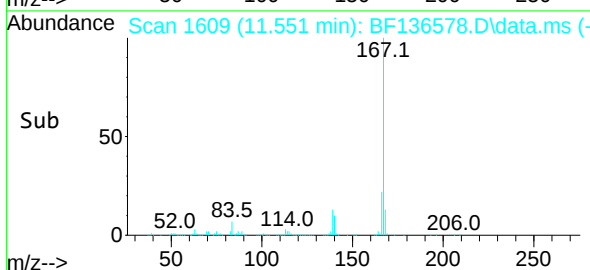
Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/15/2023

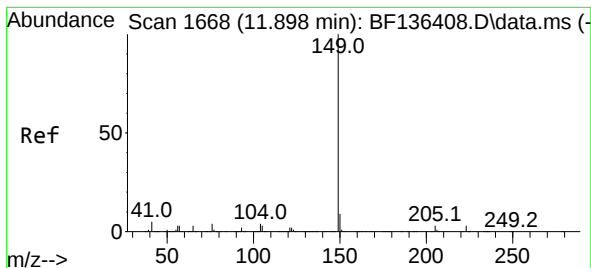


#73
 Carbazole
 Concen: 47.453 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF136578.D
 Acq: 14 Dec 2023 20:22



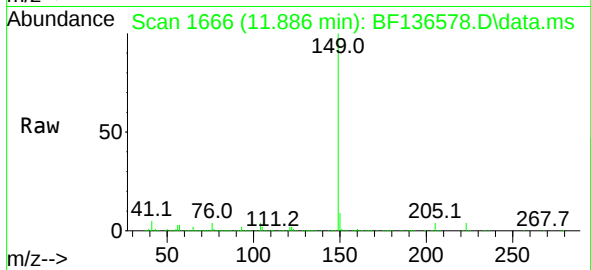
Tgt Ion:167 Resp: 678774
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.0 27.0
 139 12.9 10.2 15.4





#74
Di-n-butylphthalate
Concen: 47.624 ng
RT: 11.886 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

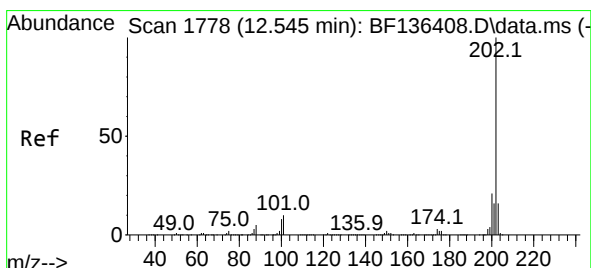
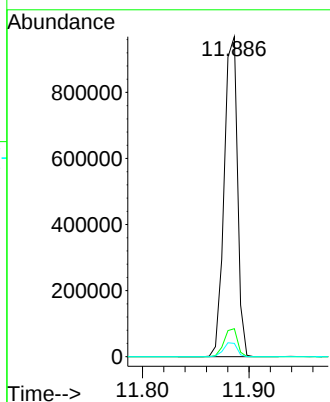
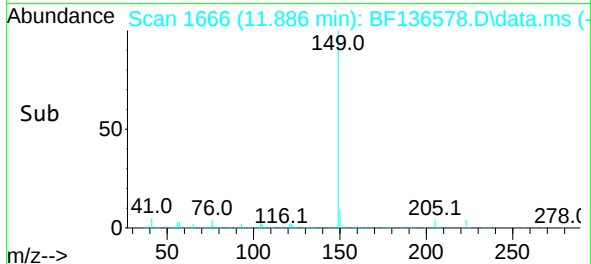
Instrument :
BNA_F
ClientSampleId :
VNJ-216MSD



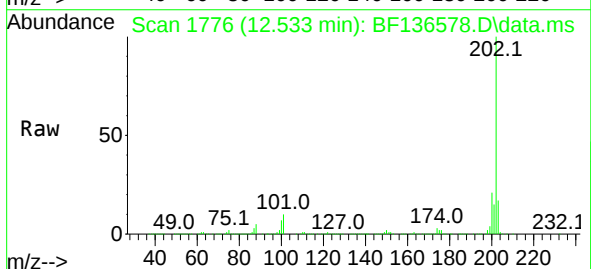
Tgt Ion:149 Resp: 835110
Ion Ratio Lower Upper
149 100
150 8.8 6.9 10.3
104 4.1 3.5 5.3

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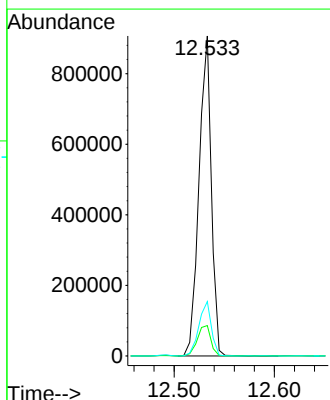
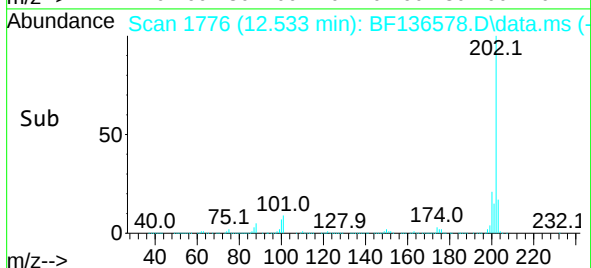
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

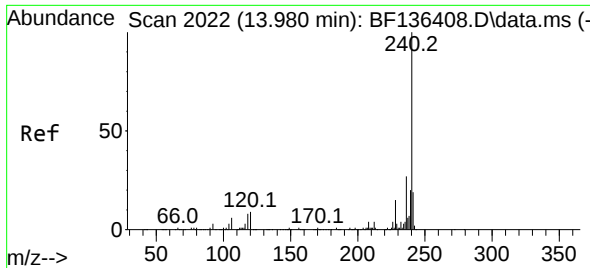


#75
Fluoranthene
Concen: 46.241 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22



Tgt Ion:202 Resp: 777553
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.9
203 17.0 0.0 36.3





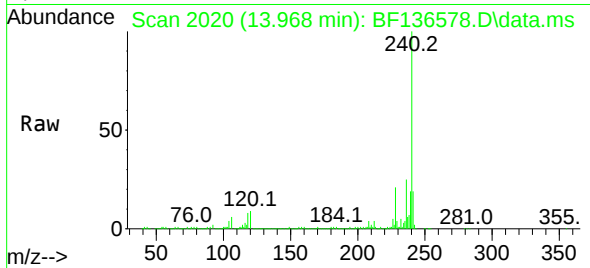
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Instrument :

BNA_F

ClientSampleId :

VNJ-216MSD

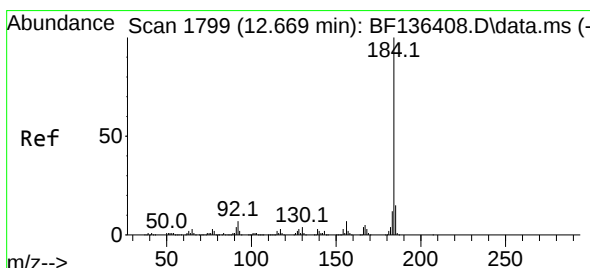
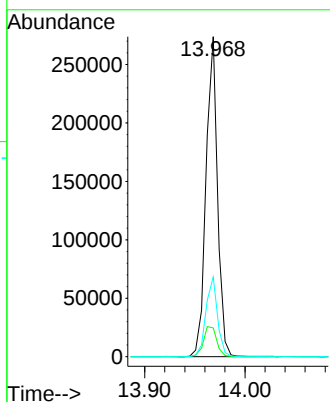
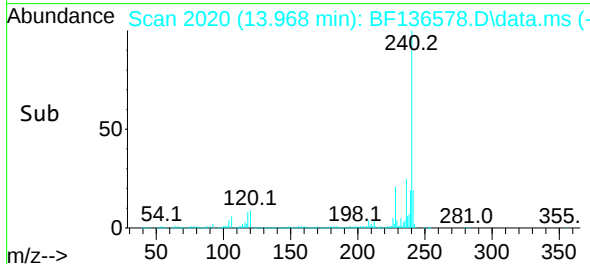


Tgt Ion:240 Resp: 21843
Ion Ratio Lower Upper
240 100
120 9.0 7.3 10.9
236 24.9 21.3 31.9

Manual Integrations

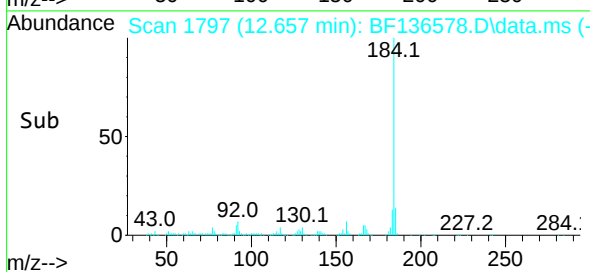
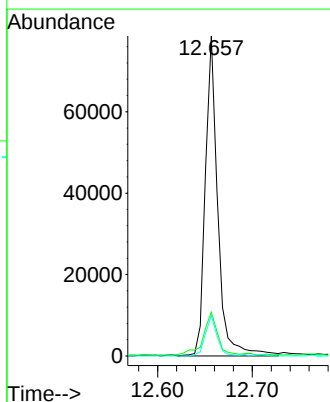
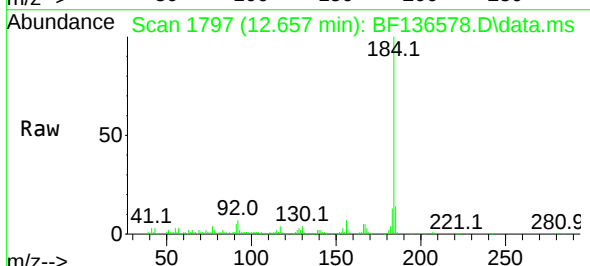
APPROVED

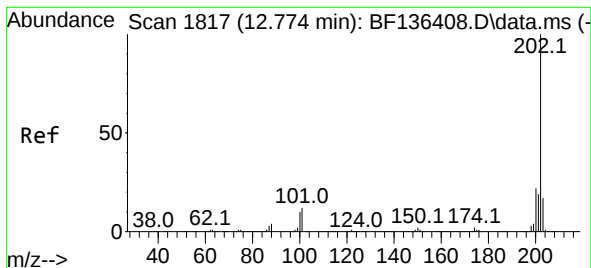
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#77
Benzidine
Concen: 20.738 ng
RT: 12.657 min Scan# 1797
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Tgt Ion:184 Resp: 71991
Ion Ratio Lower Upper
184 100
185 13.7 12.0 18.0
183 12.6 9.4 14.0





#78

Pyrene

Concen: 37.570 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.000 min

Lab File: BF136578.D

Acq: 14 Dec 2023 20:22

Instrument :

BNA_F

ClientSampleId :

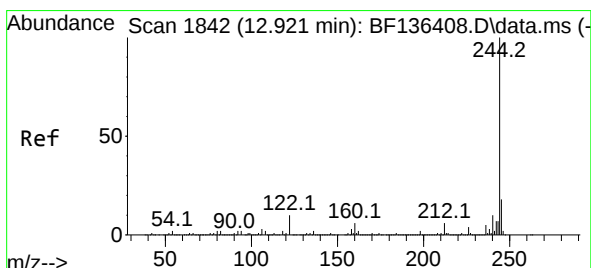
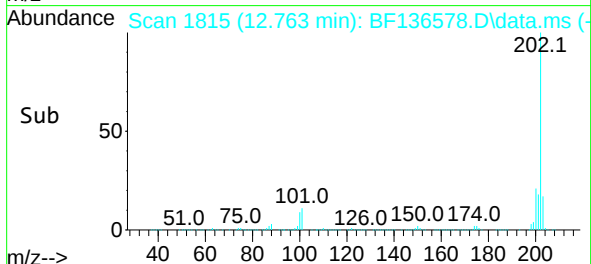
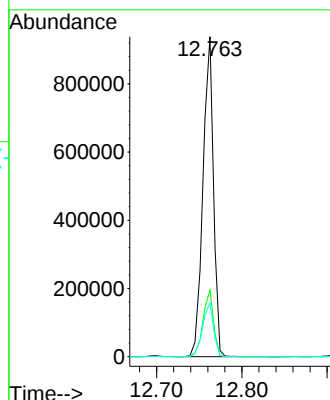
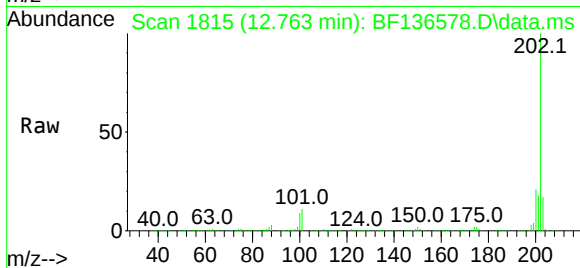
VNJ-216MSD

Tgt Ion:202 Resp: 803728
 Ion Ratio Lower Upper
 202 100
 200 20.8 18.0 27.0
 203 16.8 13.5 20.3

Manual Integrations

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



#79

Terphenyl-d14

Concen: 65.988 ng

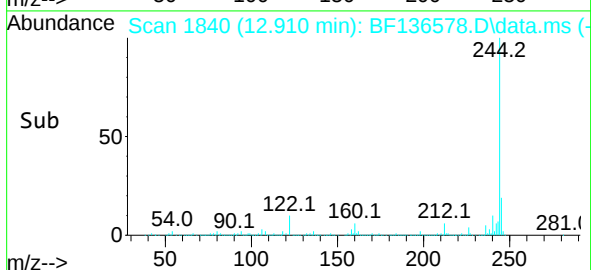
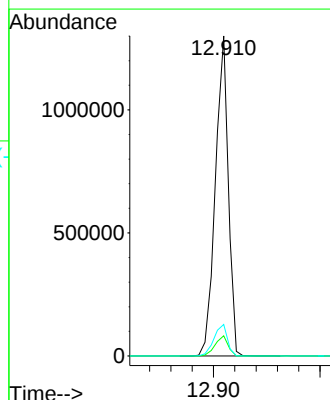
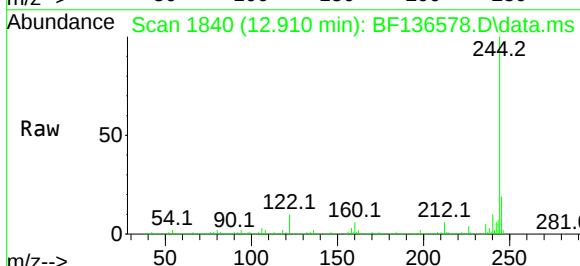
RT: 12.910 min Scan# 1840

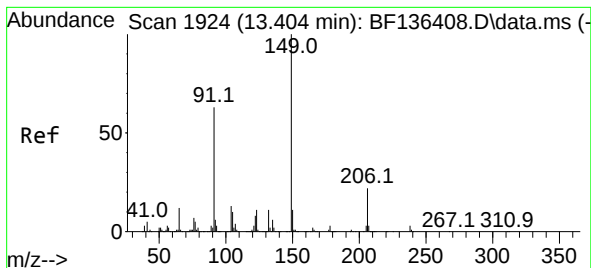
Delta R.T. -0.000 min

Lab File: BF136578.D

Acq: 14 Dec 2023 20:22

Tgt Ion:244 Resp: 1093599
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 9.8 8.3 12.5





#80
Butylbenzylphthalate
Concen: 43.545 ng
RT: 13.392 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Instrument :

BNA_F

ClientSampleId :

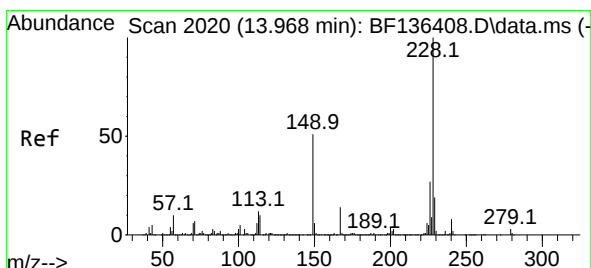
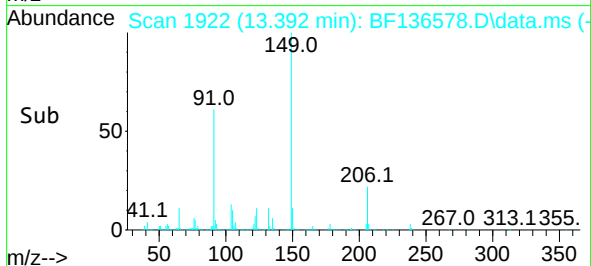
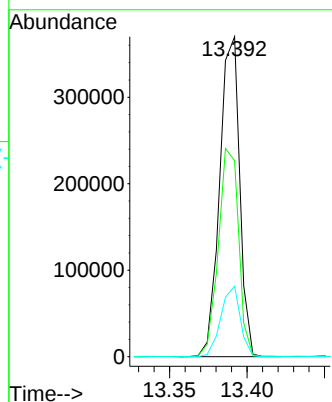
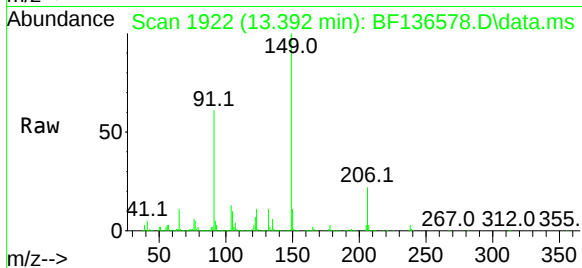
VNJ-216MSD

Tgt Ion:149 Resp: 331611
Ion Ratio Lower Upper
149 100
91 61.3 50.5 75.7
206 22.0 17.4 26.2

Manual Integrations

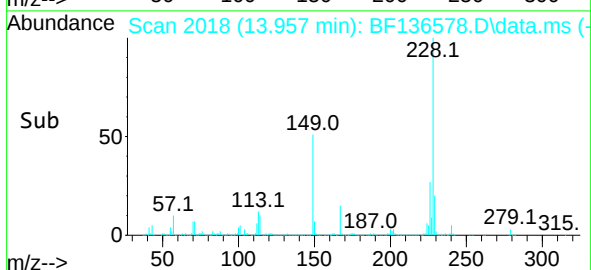
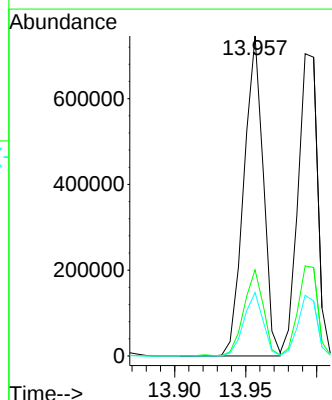
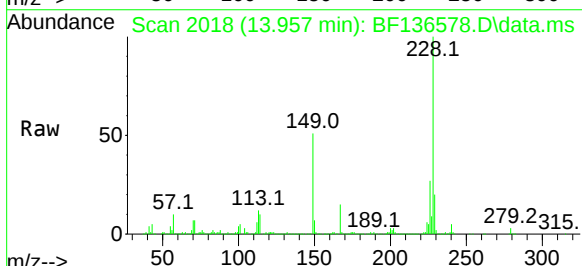
APPROVED

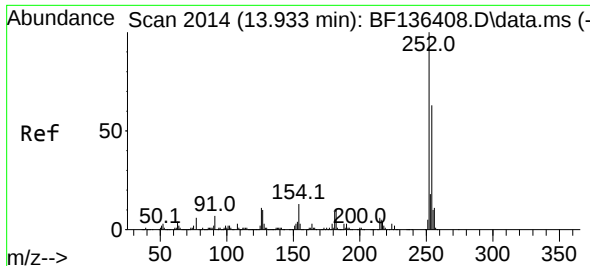
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#81
Benzo(a)anthracene
Concen: 46.493 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

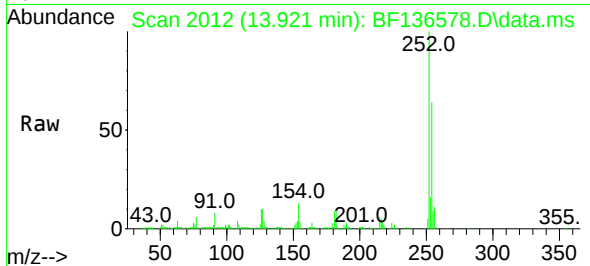
Tgt Ion:228 Resp: 707411
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.8
229 19.8 15.0 22.4





#82
3,3'-Dichlorobenzidine
Concen: 27.557 ng
RT: 13.921 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

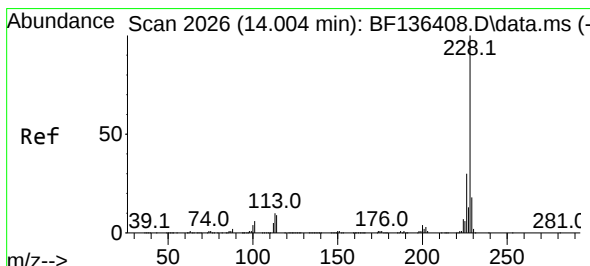
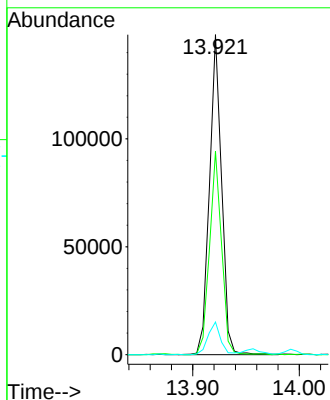
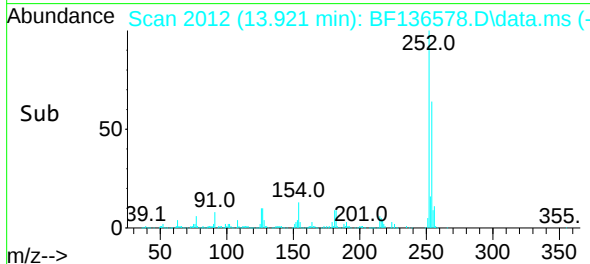
Instrument :
BNA_F
ClientSampleId :
VNJ-216MSD



Tgt Ion:252 Resp: 11756
Ion Ratio Lower Upper
252 100
254 63.5 50.8 76.2
126 10.2 8.6 12.8

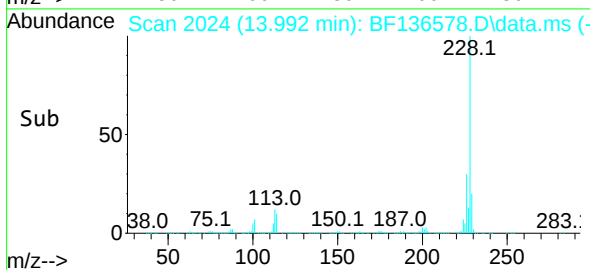
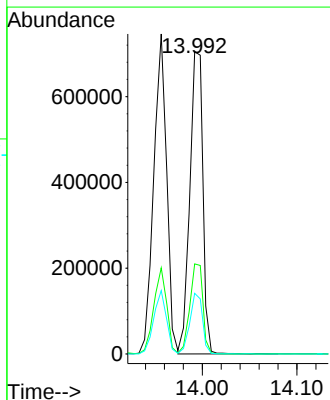
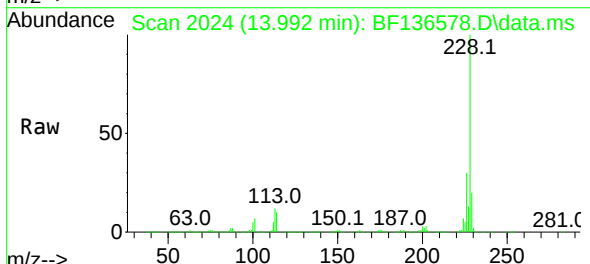
Manual Integrations
APPROVED

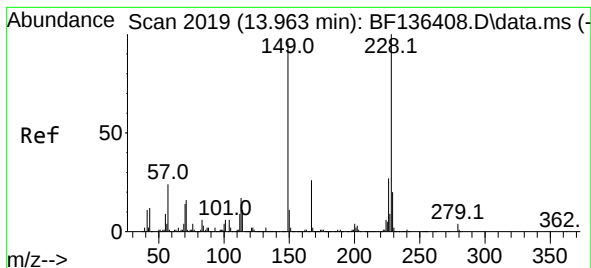
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#83
Chrysene
Concen: 45.119 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

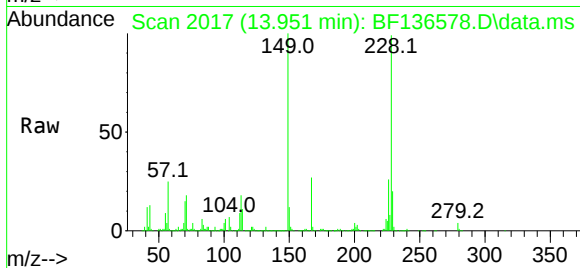
Tgt Ion:228 Resp: 675424
Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.6
229 20.1 14.8 22.2





#84
Bis(2-ethylhexyl)phthalate
Concen: 47.473 ng
RT: 13.951 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

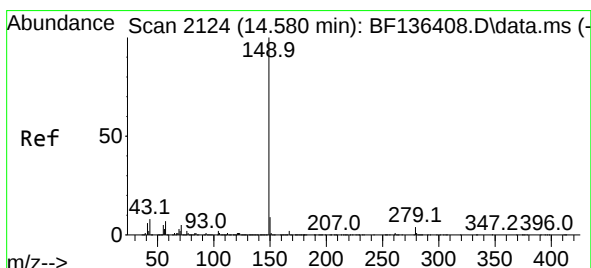
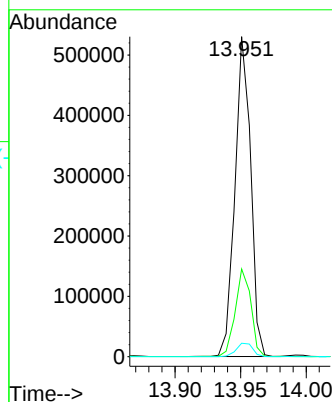
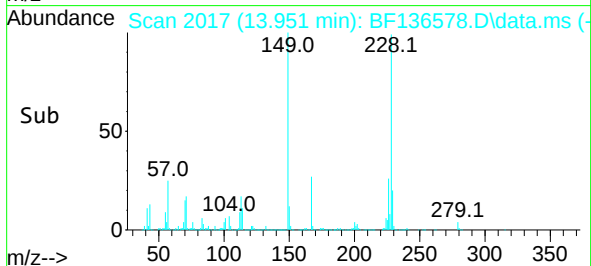
Instrument :
BNA_F
ClientSampleId :
VNJ-216MSD



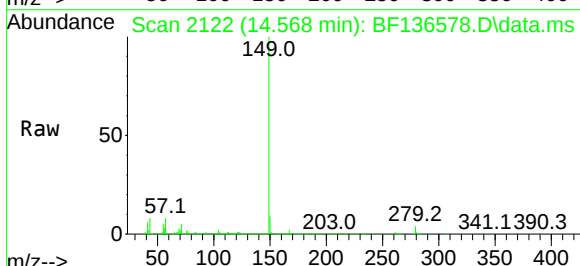
Tgt Ion:149 Resp: 44320
Ion Ratio Lower Upper
149 100
167 27.4 21.2 31.8
279 4.2 3.1 4.7

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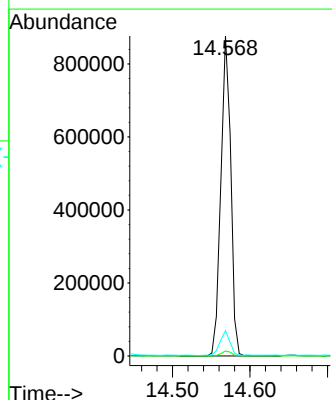
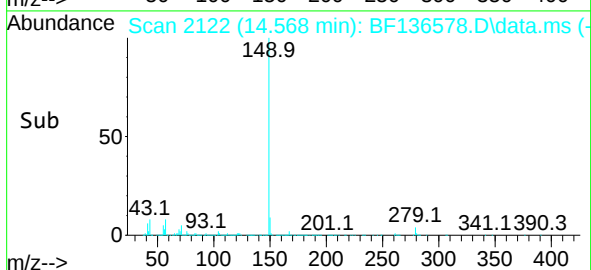
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

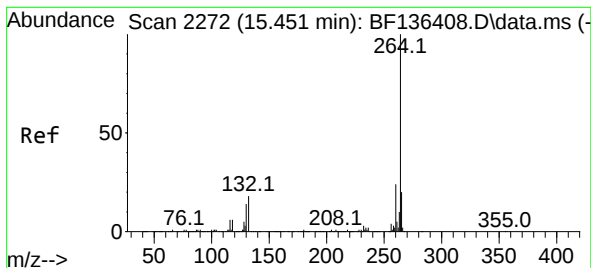


#85
Di-n-octyl phthalate
Concen: 56.440 ng
RT: 14.568 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22



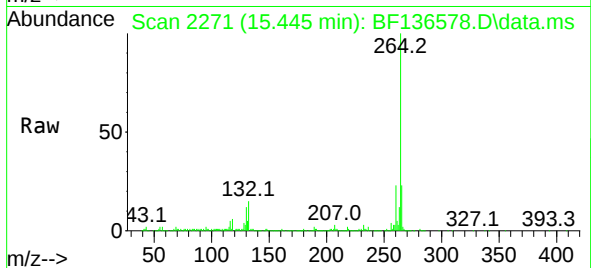
Tgt Ion:149 Resp: 778306
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 7.7 6.8 10.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

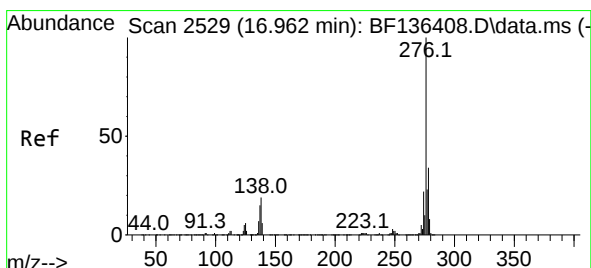
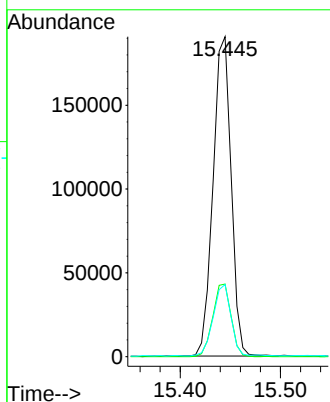
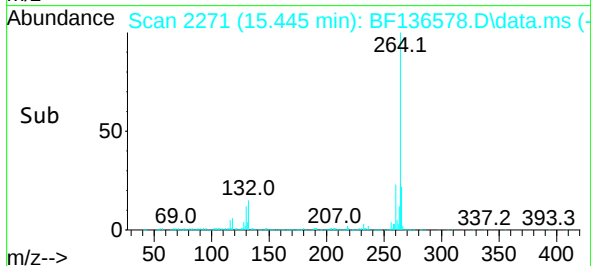
Instrument :
BNA_F
ClientSampleId :
VNJ-216MSD



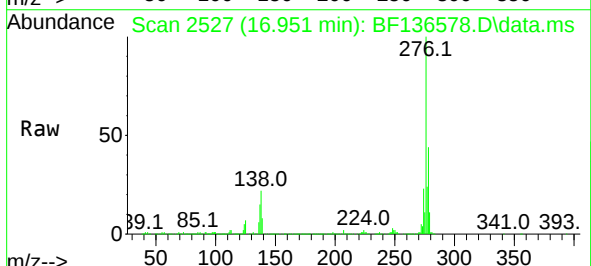
Tgt Ion:264 Resp: 237774
Ion Ratio Lower Upper
264 100
260 22.7 19.2 28.8
265 22.6 15.9 23.9

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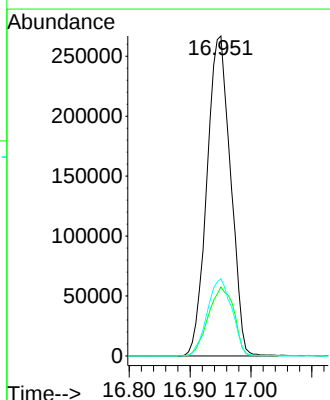
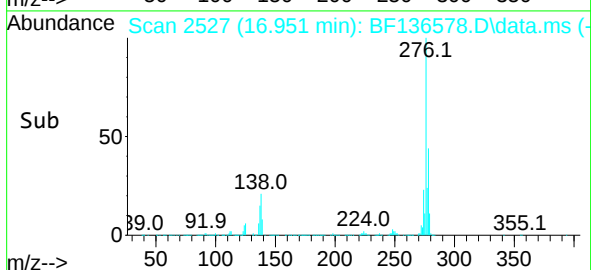
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

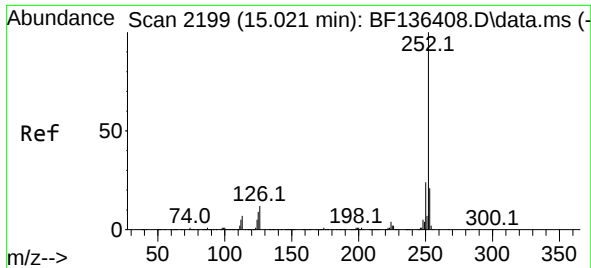


#87
Indeno(1,2,3-cd)pyrene
Concen: 43.587 ng
RT: 16.951 min Scan# 2527
Delta R.T. 0.006 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22



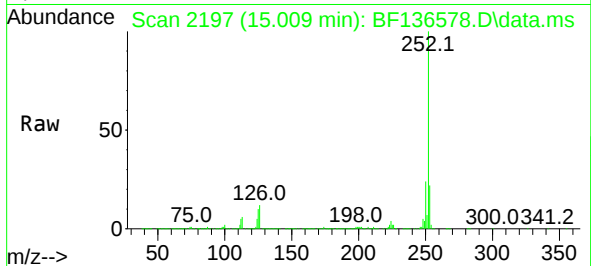
Tgt Ion:276 Resp: 719998
Ion Ratio Lower Upper
276 100
138 23.4 19.0 28.4
277 25.2 20.0 30.0





#88
Benzo(b)fluoranthene
Concen: 46.260 ng
RT: 15.009 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

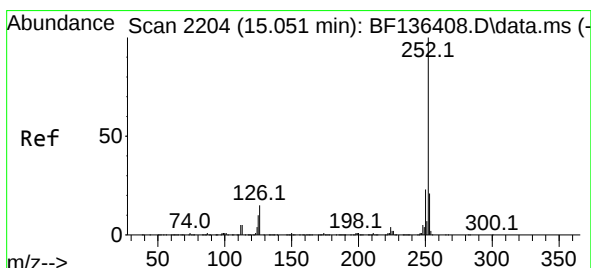
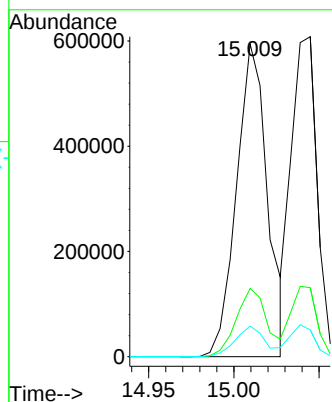
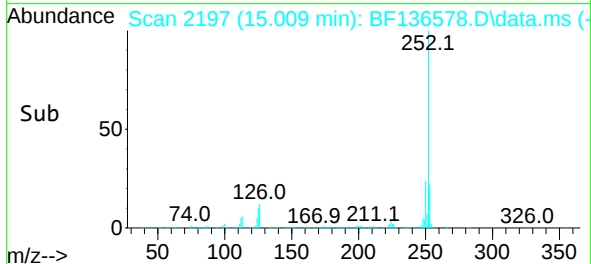
Instrument :
BNA_F
ClientSampleId :
VNJ-216MSD



Tgt Ion:252 Resp: 75205
Ion Ratio Lower Upper
252 100
253 21.9 16.9 25.3
125 9.8 7.4 11.2

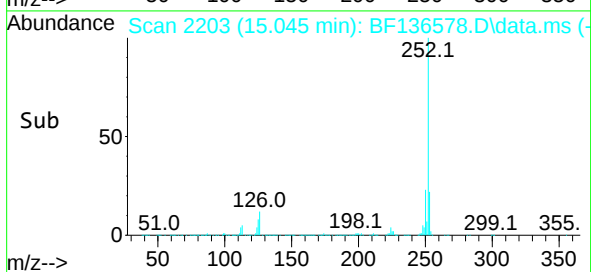
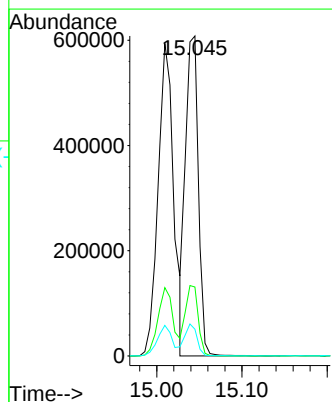
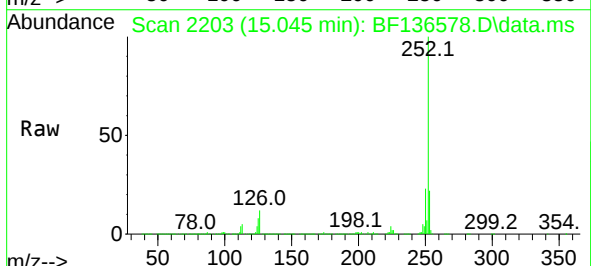
Manual Integrations
APPROVED

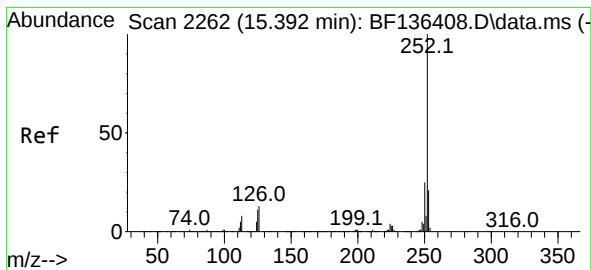
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#89
Benzo(k)fluoranthene
Concen: 41.806 ng
RT: 15.045 min Scan# 2203
Delta R.T. 0.006 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Tgt Ion:252 Resp: 640513
Ion Ratio Lower Upper
252 100
253 21.6 16.9 25.3
125 8.4 7.5 11.3





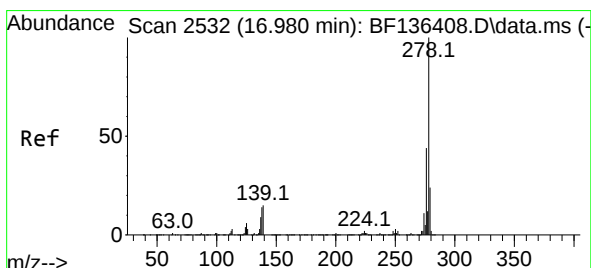
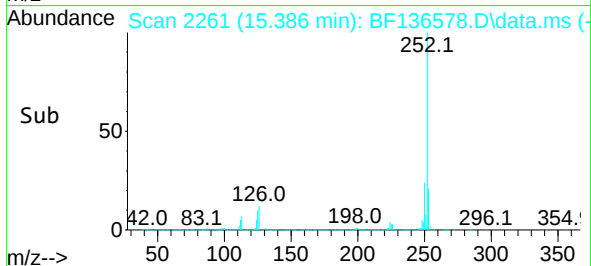
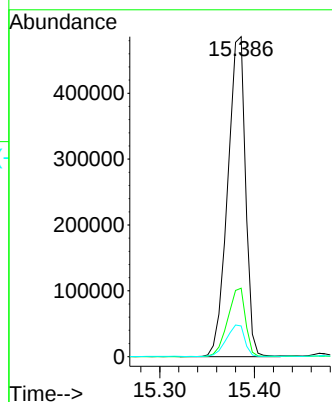
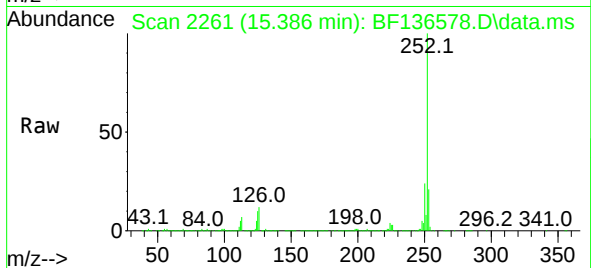
#90
Benzo(a)pyrene
Concen: 47.475 ng
RT: 15.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Instrument :
BNA_F
ClientSampleId :
VNJ-216MSD

Tgt Ion:252 Resp: 63740
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.4
125 9.6 8.6 13.0

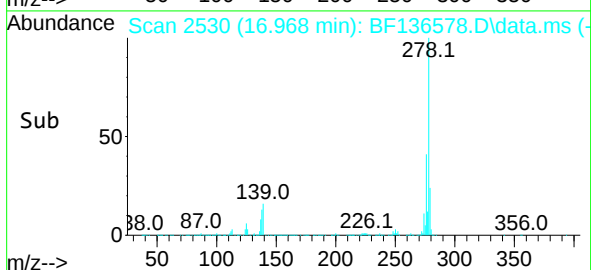
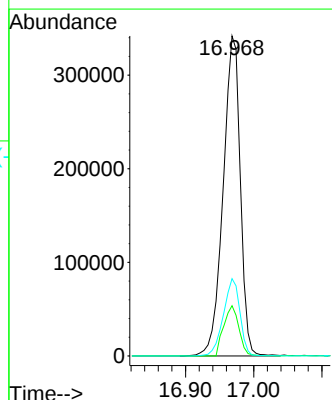
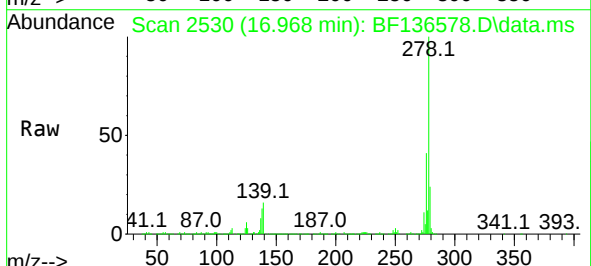
Manual Integrations
APPROVED

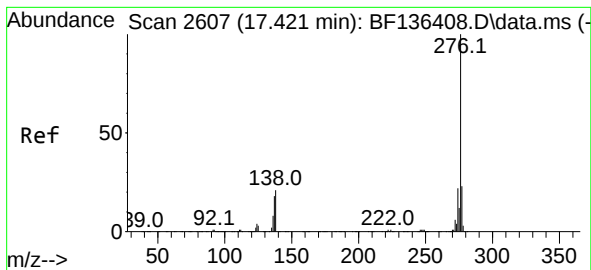
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#91
Dibenzo(a,h)anthracene
Concen: 44.287 ng
RT: 16.968 min Scan# 2530
Delta R.T. 0.006 min
Lab File: BF136578.D
Acq: 14 Dec 2023 20:22

Tgt Ion:278 Resp: 599324
Ion Ratio Lower Upper
278 100
139 15.7 12.2 18.4
279 24.2 19.0 28.4





#92
 Benzo(g,h,i)perylene
 Concen: 38.885 ng
 RT: 17.403 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: BF136578.D
 Acq: 14 Dec 2023 20:22

Instrument :

BNA_F

ClientSampleId :

VNJ-216MSD

Tgt Ion:276 Resp: 540110
 Ion Ratio Lower Upper
 276 100
 277 23.2 18.7 28.1
 138 20.2 16.6 25.0

Manual Integrations

APPROVED

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

