

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
 Data File : BF134271.D
 Acq On : 13 Jul 2023 20:23
 Operator : CG\JU
 Sample : 03564-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-225

Quant Time: Jul 13 21:00:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/14/2023
 Supervised By :mohammad ahmed 07/14/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	9.198	152	40778m	20.000	ng	2.35
21) Naphthalene-d8	8.192	136	158	20.000	ng	# 0.06
39) Acenaphthene-d10	9.986	164	56	20.000	ng	# 0.10
64) Phenanthrene-d10	11.533	188	55	20.000	ng	# 0.15
76) Chrysene-d12	14.215	240	2302	20.000	ng	# 0.18
86) Perylene-d12	15.733	264	6620	20.000	ng	# 0.19
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	472874	193.979	ng	0.00
7) Phenol-d6	6.481	99	563853	188.079	ng	0.00
23) Nitrobenzene-d5	7.404	82	367989	125547.986	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	183514	261368.274	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	657115	170602.645	ng	0.00
79) Terphenyl-d14	12.974	244	748316	5231.773	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.481	77	1101	Below Cal	#	1
15) Benzyl Alcohol	6.998	79	12467	5.394	ng	# 43
19) n-Nitroso-di-n-propyla...	7.269	70	6302	3.315	ng	# 52
22) Acetophenone	7.251	105	197	54.824	ng	# 10
24) Nitrobenzene	7.457	77	604	203.922	ng	# 1
25) Isophorone	7.733	82	597	112.071	ng	# 64
27) 2,4-Dimethylphenol	7.792	122	118	52.464	ng	# 67
28) bis(2-Chloroethoxy)met...	8.122	93	69	22.370	ng	# 1
31) Naphthalene	8.139	128	6646	870.819	ng	96
32) Benzoic acid	7.975	122	59	35.007	ng	# 1
33) 4-Chloroaniline	8.227	127	207	63.407	ng	# 44
35) Caprolactam	8.651	113	261	355.416	ng	# 1
36) 4-Chloro-3-methylphenol	8.751	107	417	166.434	ng	# 21
37) 2-Methylnaphthalene	8.933	142	4017	744.308	ng	96
38) 1-Methylnaphthalene	8.933	142	4017	800.638	ng	100
43) 2,4,6-Trichlorophenol	9.292	196	302	267.396	ng	# 13
44) 2,4,5-Trichlorophenol	9.292	196	302	227.324	ng	# 1
46) 1,1'-Biphenyl	9.298	154	5370	1195.427	ng	98
47) 2-Chloronaphthalene	9.404	162	351	106.793	ng	# 70
48) 2-Nitroaniline	9.539	65	706	589.395	ng	# 8
49) Acenaphthylene	9.739	152	22967	4090.625	ng	97
50) Dimethylphthalate	9.698	163	94	23.124	ng	# 77
51) 2,6-Dinitrotoluene	9.763	165	62	70.813	ng	# 21
52) Acenaphthene	9.910	154	53197	16328.776	ng	97
53) 3-Nitroaniline	9.910	138	56	53.315	ng	# 1
54) 2,4-Dinitrophenol	10.245	184	60	116.795	ng	# 15
55) Dibenzofuran	10.086	168	52862	10382.333	ng	99
56) 4-Nitrophenol	10.121	139	951	1294.376	ng	# 31
57) 2,4-Dinitrotoluene	10.380	165	3123	2700.922	ng	# 30
58) Fluorene	10.427	166	93177	23522.674	ng	97
60) Diethylphthalate	10.416	149	139	32.820	ng	# 60
62) 4-Nitroaniline	10.563	138	57	53.847	ng	# 16
63) Azobenzene	10.669	77	2151	536.929	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.669	198	373	1243.928	ng	# 1
66) n-Nitrosodiphenylamine	10.704	169	3190	1815.318	ng	# 17
70) Pentachlorophenol	11.192	266	155	417.653	ng	# 18

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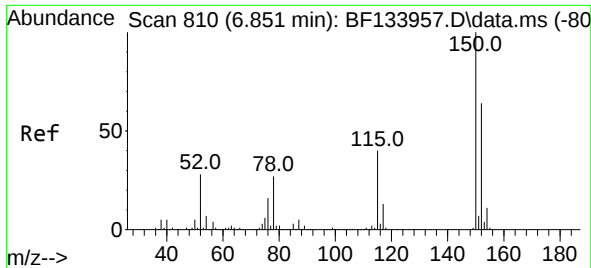
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/14/2023
 Supervised By :mohammad ahmed 07/14/2023

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

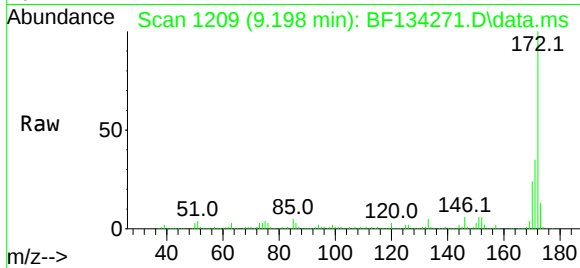
71) Phenanthrene	11.451	178	216998	78372.775	ng	98
72) Anthracene	11.451	178	216998	75350.167	ng	99
73) Carbazole	11.610	167	88250	33479.309	ng	99
74) Di-n-butylphthalate	12.104	149	681	217.249	ng #	1
75) Fluoranthene	12.833	202	1133702	378744.068	ng	99
77) Benzidine	12.974	184	11341	207.049	ng #	94
78) Pyrene	12.833	202	1133702	5291.926	ng	99
80) Butylbenzylphthalate	13.627	149	4647	57.836	ng #	76
81) Benzo(a)anthracene	14.068	228	708799	4439.761	ng	96
82) 3,3'-Dichlorobenzidine	14.162	252	3104	61.368	ng #	1
83) Chrysene	14.068	228	708799	4583.856	ng	99
84) Bis(2-ethylhexyl)phtha...	14.174	149	354	3.834	ng #	82
85) Di-n-octyl phthalate	14.809	149	45460	335.109	ng #	46
87) Indeno(1,2,3-cd)pyrene	17.274	276	14566	31.709	ng #	67
88) Benzo(b)fluoranthene	15.109	252	1540678	3957.954	ng	99
89) Benzo(k)fluoranthene	15.492	252	577828	1457.954	ng	97
90) Benzo(a)pyrene	15.580	252	124782	331.504	ng	95
91) Dibenzo(a,h)anthracene	17.103	278	100764	268.559	ng	99
92) Benzo(g,h,i)perylene	17.562	276	283910	733.764	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng m
RT: 9.198 min Scan# 11
Delta R.T. 2.353 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23

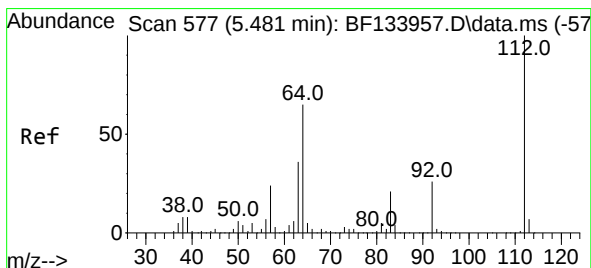
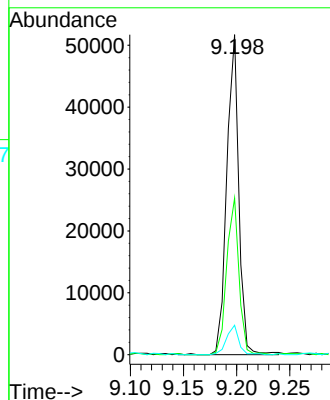
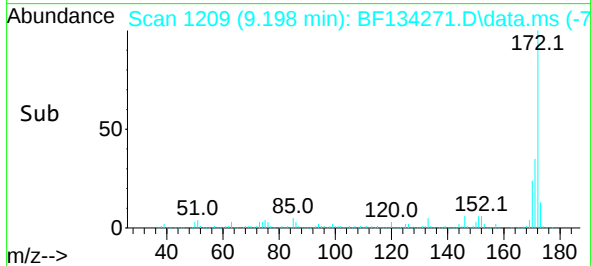
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VNJ-225



Tgt Ion:152 Resp: 40778
Ion Ratio Lower Upper
152 100
150 48.9 124.5 186.7
115 9.2 50.2 75.2

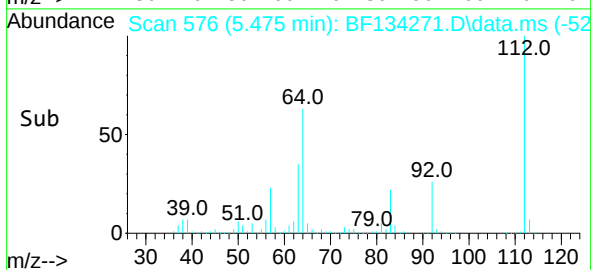
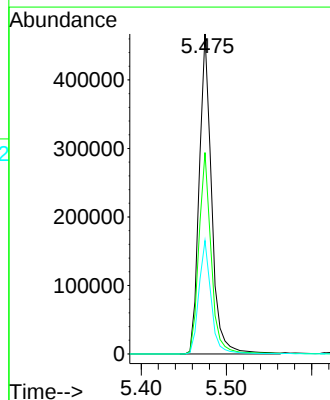
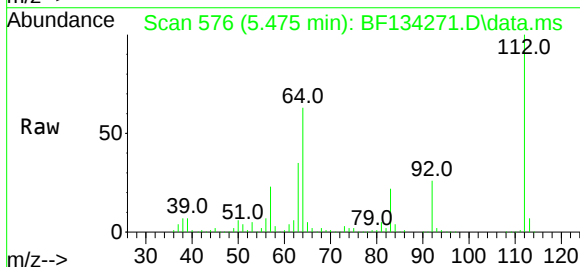
Manual Integrations
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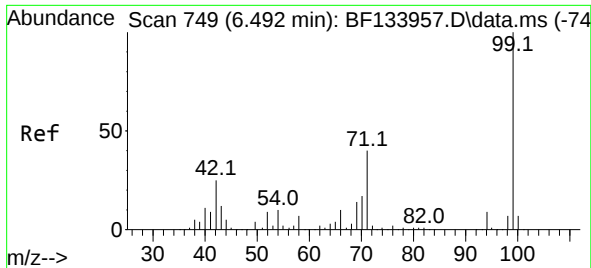
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#5
2-Fluorophenol
Concen: 193.979 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.000 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23

Tgt Ion:112 Resp: 472874
Ion Ratio Lower Upper
112 100
64 62.9 52.1 78.1
63 35.5 28.6 42.8





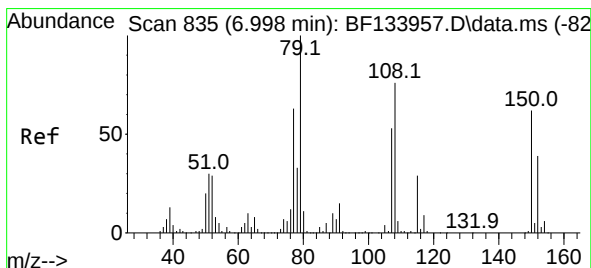
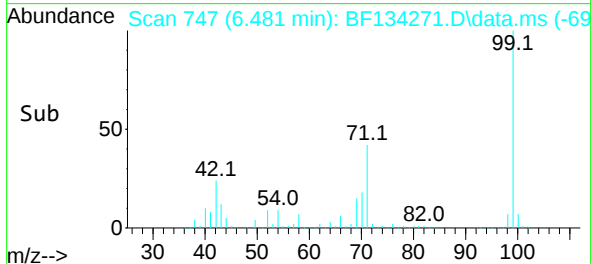
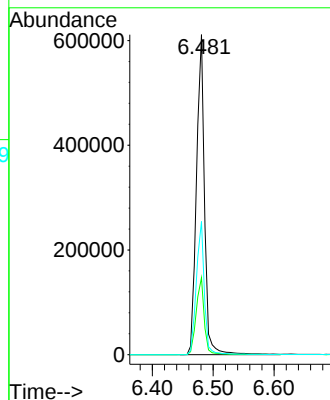
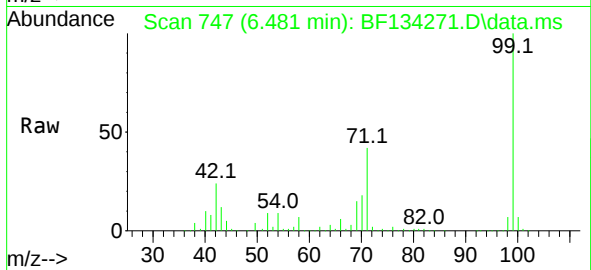
#7
Phenol-d6
Concen: 188.079 ng
RT: 6.481 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23

Instrument :
BNA_F
ClientSampleId :
VNJ-225

Tgt Ion: 99 Resp: 56385
Ion Ratio Lower Upper
99 100
42 24.1 19.8 29.6
71 41.6 31.9 47.9

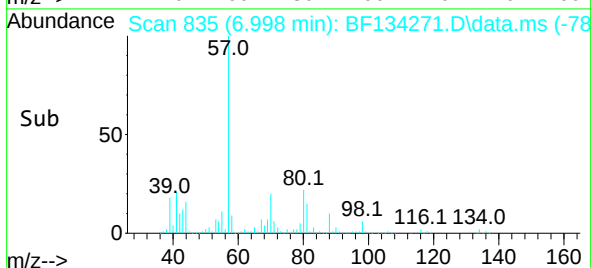
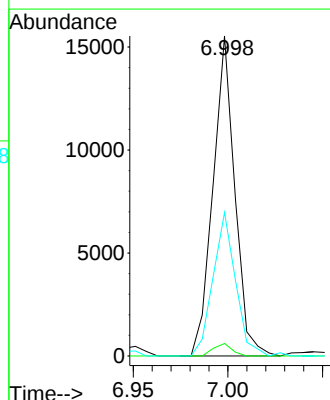
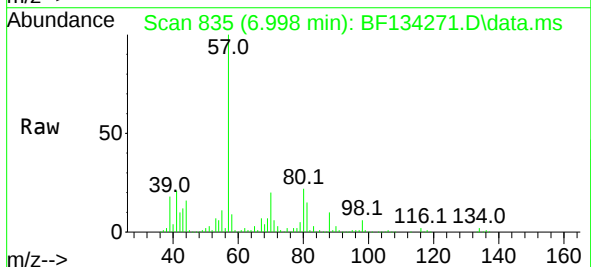
Manual Integrations
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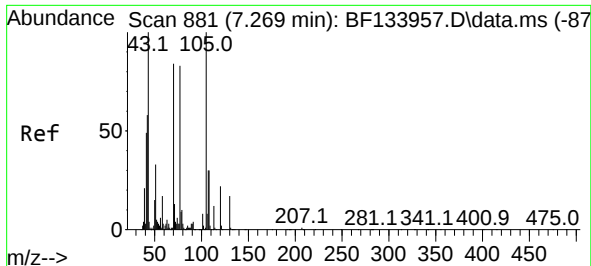
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#15
Benzyl Alcohol
Concen: 5.394 ng
RT: 6.998 min Scan# 835
Delta R.T. 0.012 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23

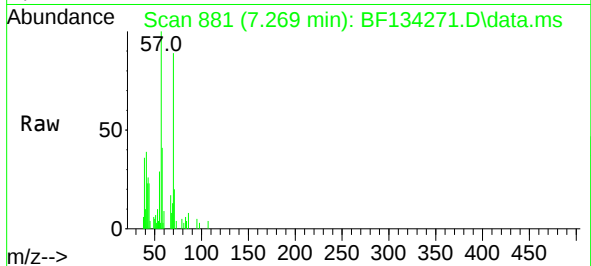
Tgt Ion: 79 Resp: 12467
Ion Ratio Lower Upper
79 100
108 3.9 60.7 91.1#
77 44.9 50.6 75.8#





#19
n-Nitroso-di-n-propylamine
Concen: 3.315 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.012 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23

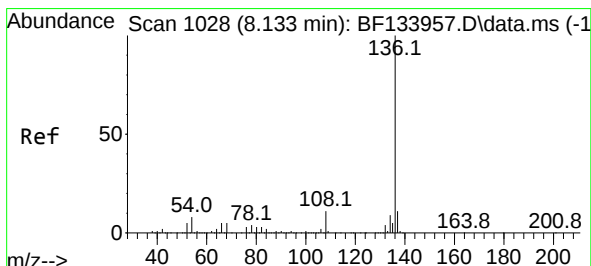
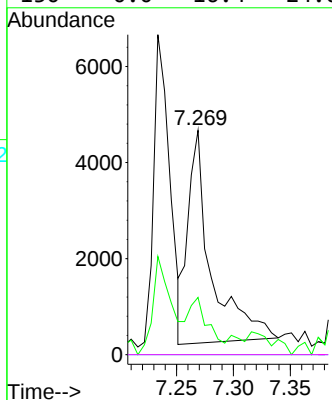
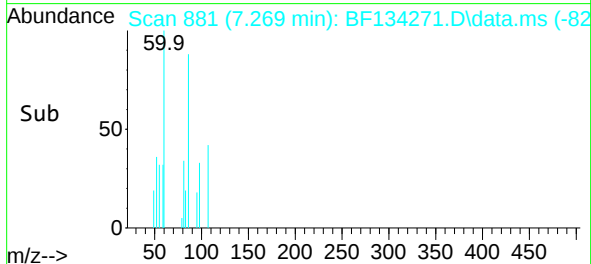
Instrument :
BNA_F
Client SampleId :
VNJ-225



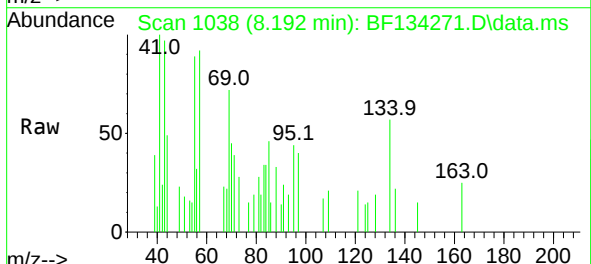
Tgt Ion:	70	Resp:	630
Ion	Ratio	Lower	Upper
70	100		
42	25.5	54.7	82.1
101	0.0	7.7	11.5
130	0.0	16.4	24.6

Manual Integrations
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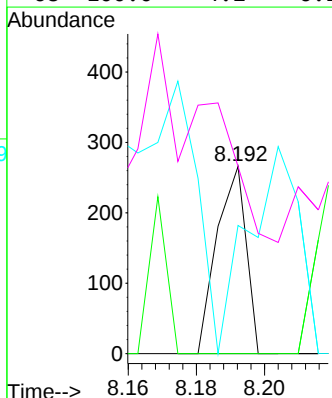
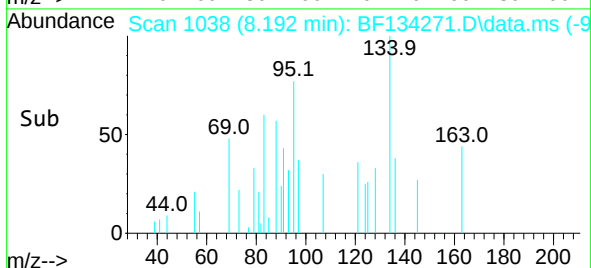
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

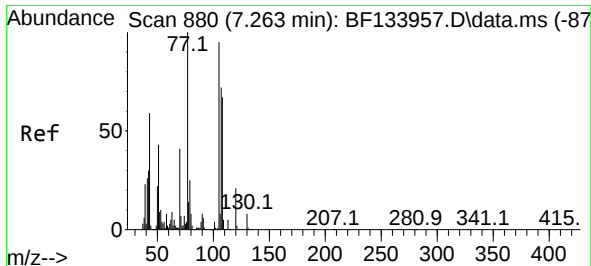


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1038
Delta R.T. 0.065 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23



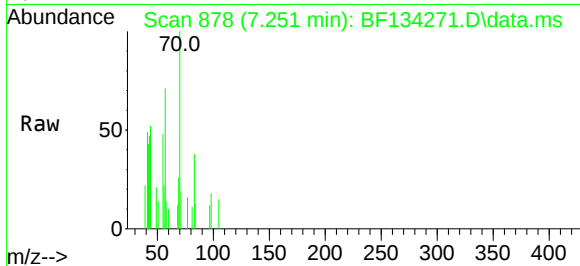
Tgt Ion:	136	Resp:	158
Ion	Ratio	Lower	Upper
136	100		
137	0.0	8.6	12.8
54	68.4	6.5	9.7
68	100.0	4.2	6.2





#22
Acetophenone
Concen: 54.824 ng
RT: 7.251 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23

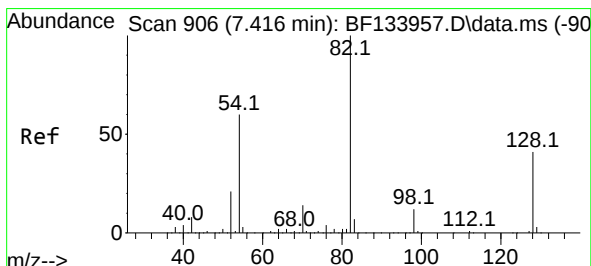
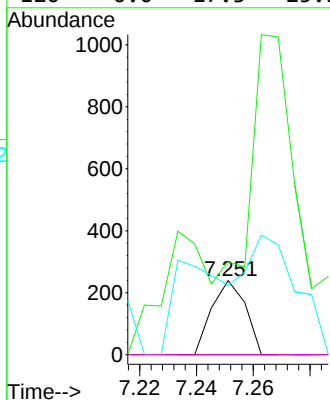
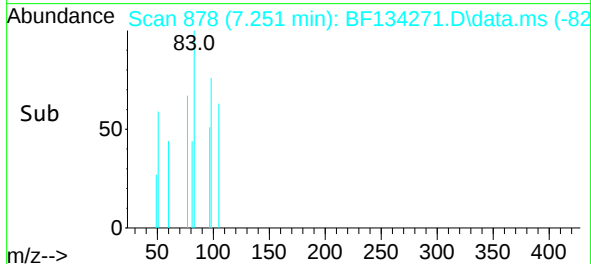
Instrument :
BNA_F
ClientSampleId :
VNJ-225



Tgt Ion: 105 Resp: 197
Ion Ratio Lower Upper
105 100
71 125.5 5.5 8.3
51 93.7 36.5 54.7
120 0.0 17.3 25.9

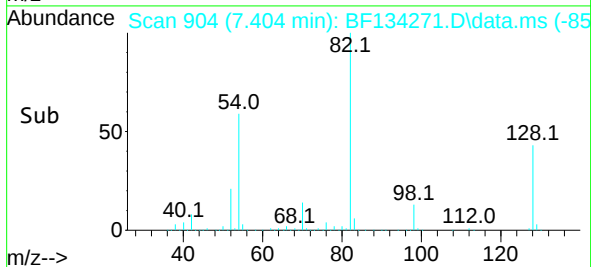
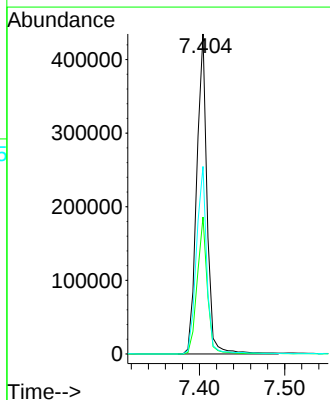
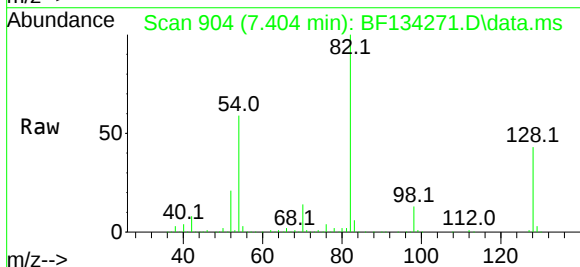
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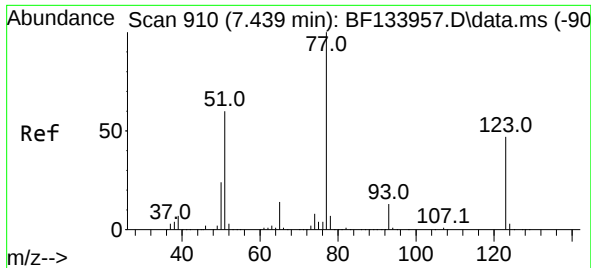
Reviewed By : Yogesh Patel 07/14/2023
Supervised By : mohammad ahmed 07/14/2023



#23
Nitrobenzene-d5
Concen: 125547.986 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23

Tgt Ion: 82 Resp: 367989
Ion Ratio Lower Upper
82 100
128 42.8 32.5 48.7
54 58.6 48.2 72.2





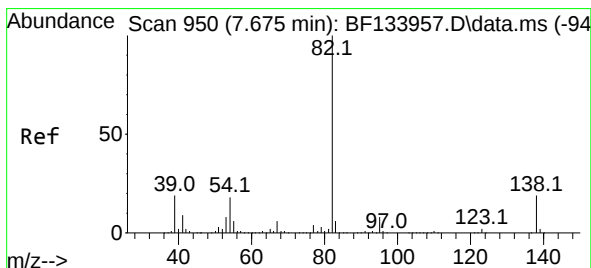
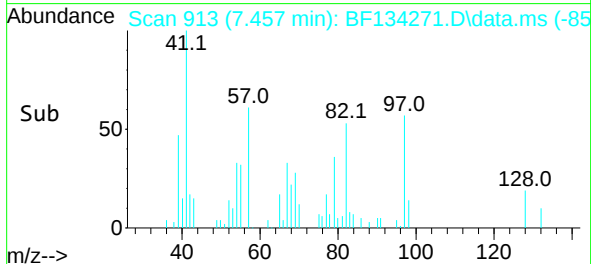
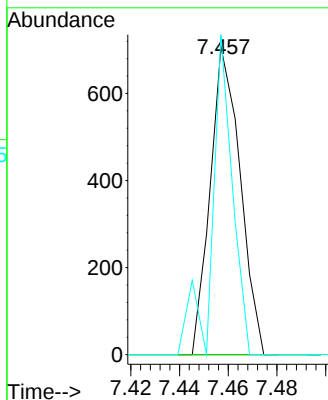
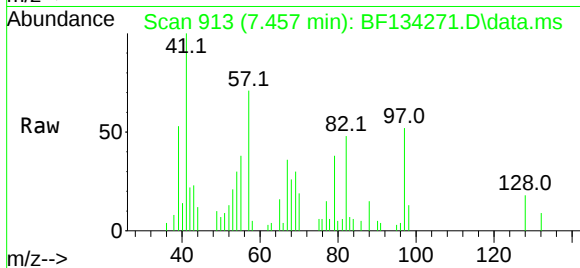
#24
Nitrobenzene
Concen: 203.922 ng
RT: 7.457 min Scan# 910
Delta R.T. 0.029 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23

Instrument :
BNA_F
ClientSampleId :
VNJ-225

Tgt Ion: 77 Resp: 604
Ion Ratio Lower Upper
77 100
123 0.0 37.8 56.6
65 103.8 11.3 16.9

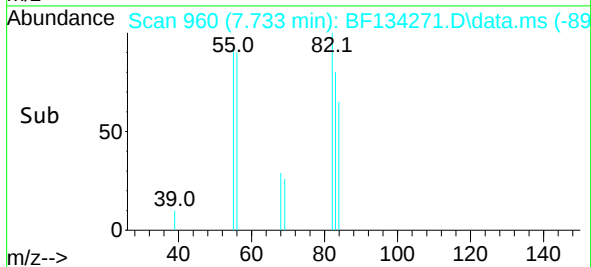
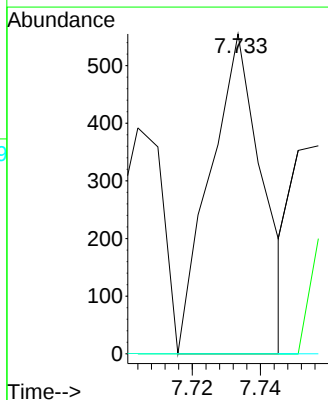
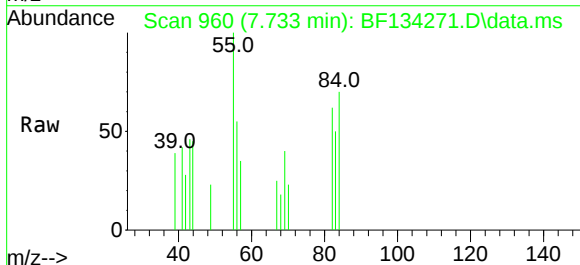
Manual Integrations
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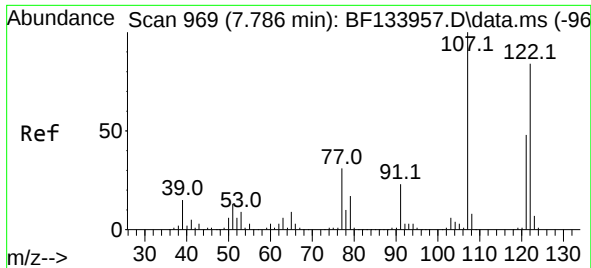
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#25
Isophorone
Concen: 112.071 ng
RT: 7.733 min Scan# 960
Delta R.T. 0.070 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23

Tgt Ion: 82 Resp: 597
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#





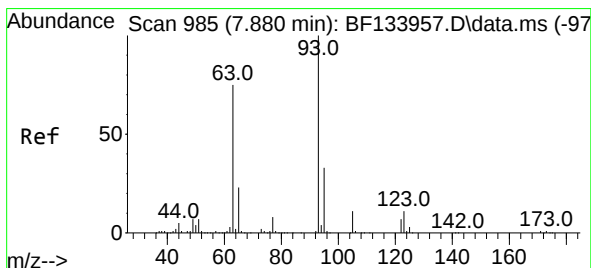
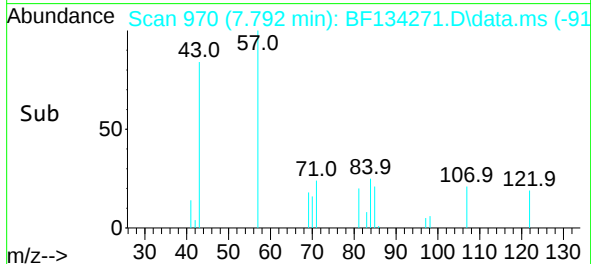
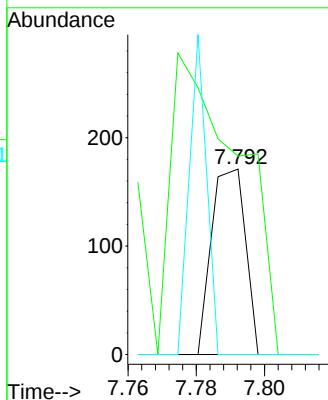
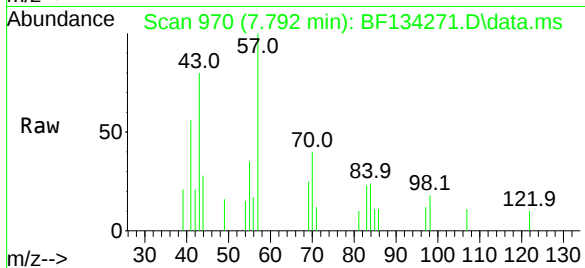
#27
2,4-Dimethylphenol
Concen: 52.464 ng
RT: 7.792 min Scan# 91
Delta R.T. 0.012 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23

Instrument :
BNA_F
ClientSampleId :
VNJ-225

Tgt Ion:122 Resp: 118
Ion Ratio Lower Upper
122 100
107 107.0 95.5 143.3
121 0.0 45.5 68.3

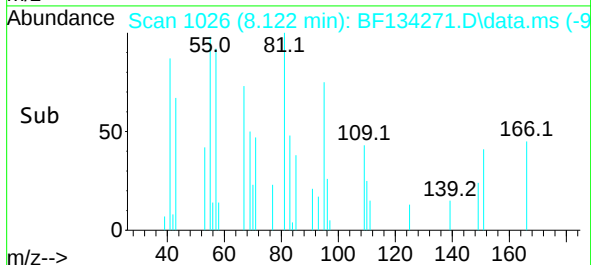
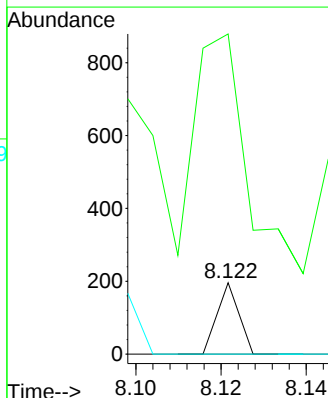
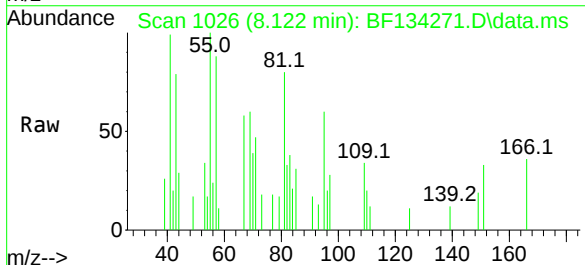
Manual Integrations
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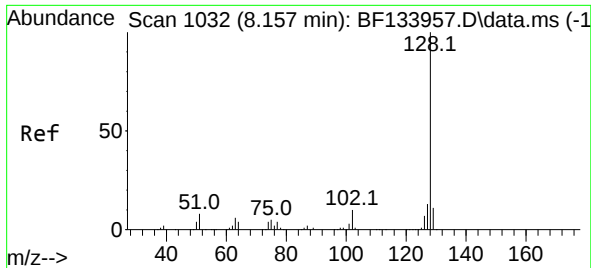
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#28
bis(2-Chloroethoxy)methane
Concen: 22.370 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.247 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23

Tgt Ion: 93 Resp: 69
Ion Ratio Lower Upper
93 100
95 448.5 26.5 39.7#
123 0.0 9.1 13.7#





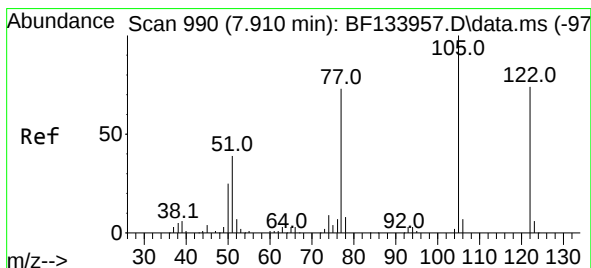
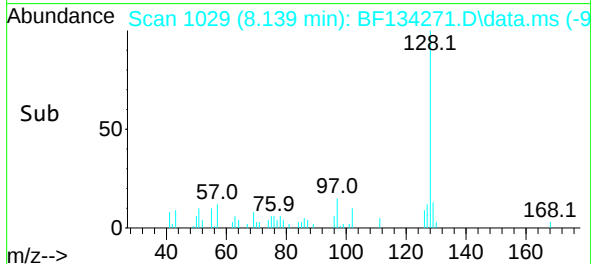
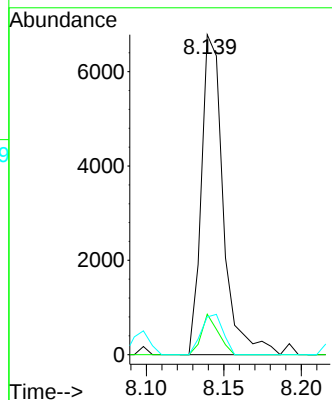
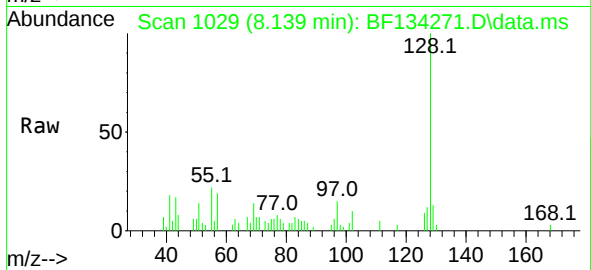
#31
Naphthalene
Concen: 870.819 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23

Instrument :
BNA_F
ClientSampleId :
VNJ-225

Tgt Ion:128 Resp: 6640
Ion Ratio Lower Upper
128 100
129 12.6 8.7 13.1
127 11.8 10.6 15.8

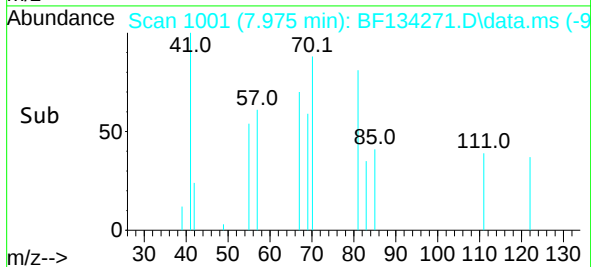
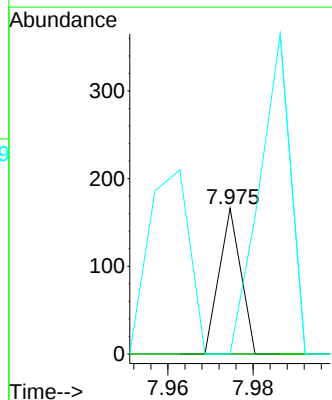
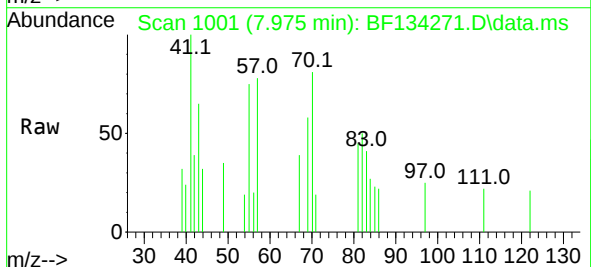
Manual Integrations
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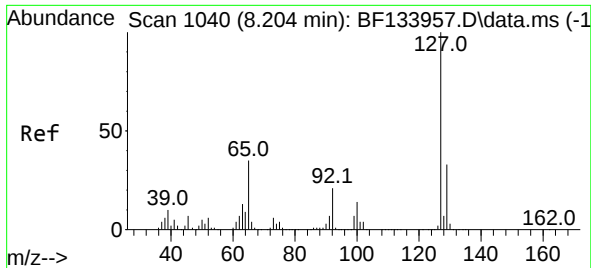
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#32
Benzoic acid
Concen: 35.007 ng
RT: 7.975 min Scan# 1001
Delta R.T. 0.082 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23

Tgt Ion:122 Resp: 59
Ion Ratio Lower Upper
122 100
105 0.0 109.7 149.7#
77 0.0 76.0 116.0#





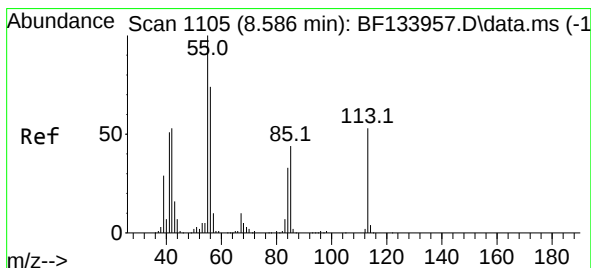
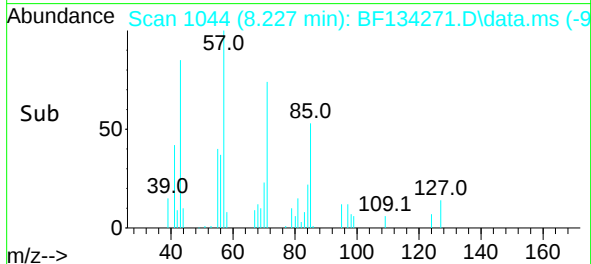
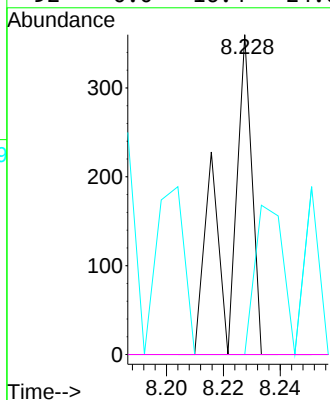
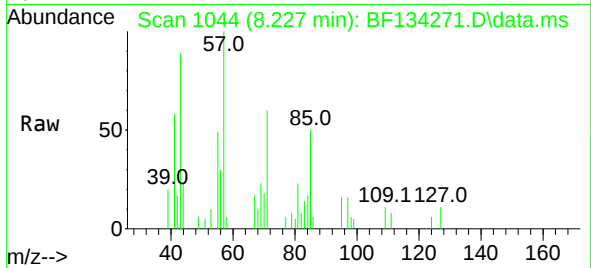
#33
4-Chloroaniline
Concen: 63.407 ng
RT: 8.227 min Scan# 1044
Delta R.T. 0.029 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23

Instrument :
BNA_F
ClientSampleId :
VNJ-225

Tgt Ion:	127	Resp:	207
Ion	Ratio	Lower	Upper
127	100		
129	0.0	26.4	39.6
65	0.0	27.8	41.8
92	0.0	16.4	24.6

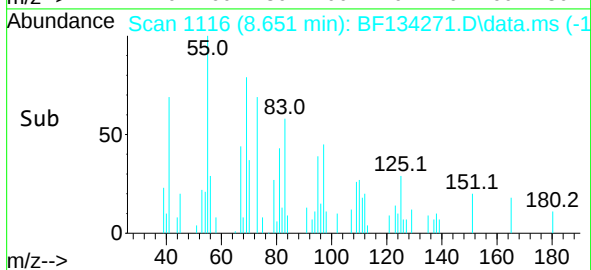
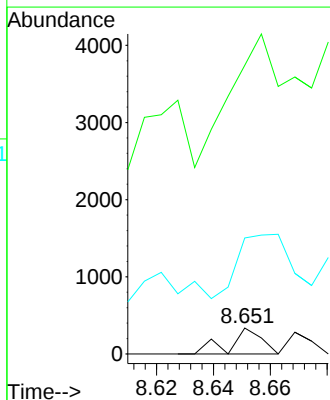
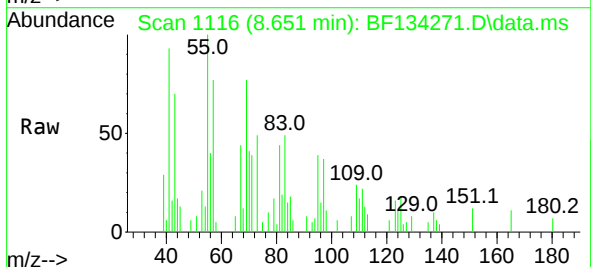
Manual Integrations
APPROVED

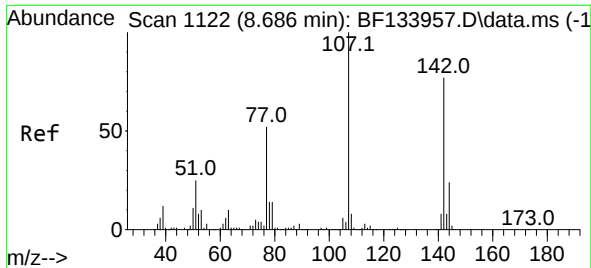
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#35
Caprolactam
Concen: 355.416 ng
RT: 8.651 min Scan# 1116
Delta R.T. 0.076 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23

Tgt Ion:	113	Resp:	261
Ion	Ratio	Lower	Upper
113	100		
55	1110.1	170.2	210.2
56	446.6	121.4	161.4





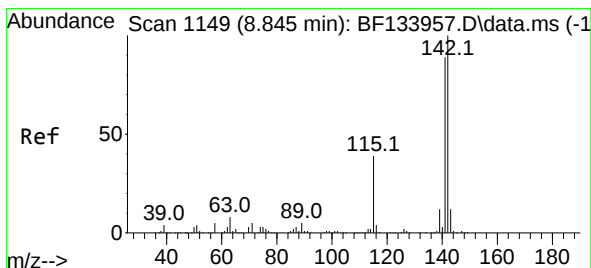
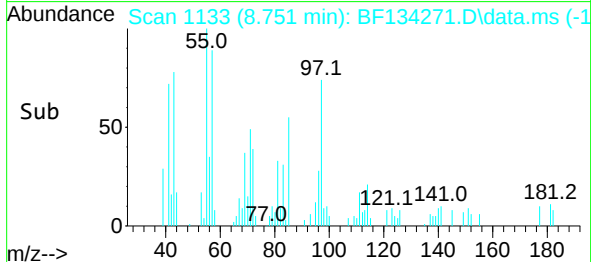
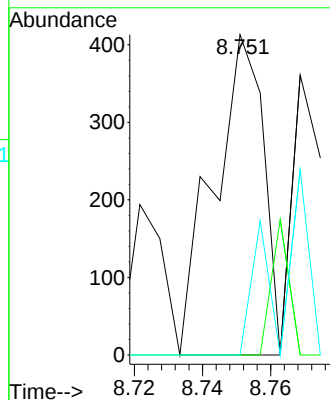
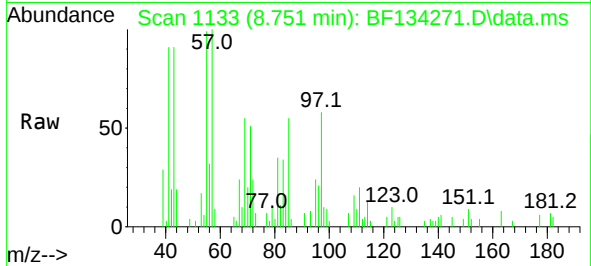
#36
4-Chloro-3-methylphenol
Concen: 166.434 ng
RT: 8.751 min Scan# 1113
Delta R.T. 0.070 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23

Instrument :
BNA_F
ClientSampleId :
VNJ-225

Tgt Ion:107 Resp: 41
Ion Ratio Lower Upper
107 100
144 0.0 19.6 29.4
142 0.0 61.4 92.2

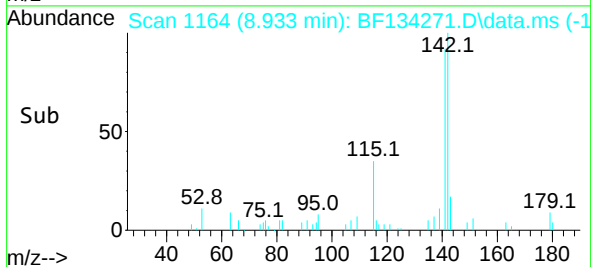
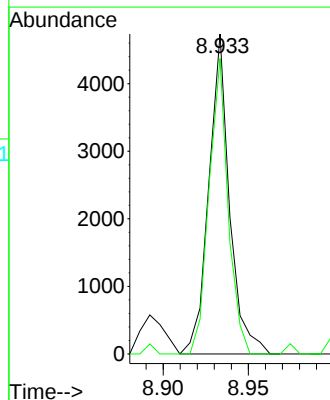
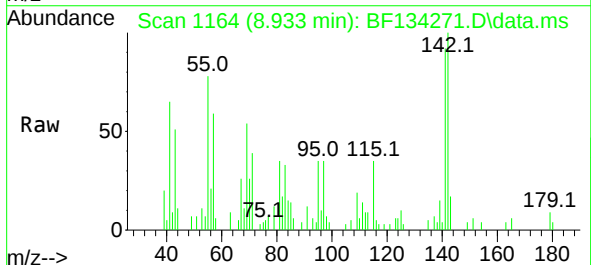
Manual Integrations
APPROVED

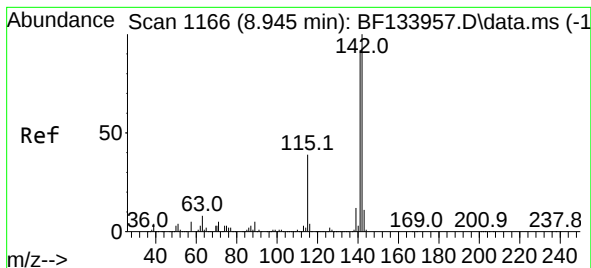
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#37
2-Methylnaphthalene
Concen: 744.308 ng
RT: 8.933 min Scan# 1164
Delta R.T. 0.094 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23

Tgt Ion:142 Resp: 4017
Ion Ratio Lower Upper
142 100
141 92.4 71.0 106.4





#38

1-Methylnaphthalene

Concen: 800.638 ng

RT: 8.933 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF134271.D

Acq: 13 Jul 2023 20:23

Instrument :

BNA_F

ClientSampleId :

VNJ-225

Tgt Ion:142 Resp: 401

Ion Ratio Lower Upper

142 100

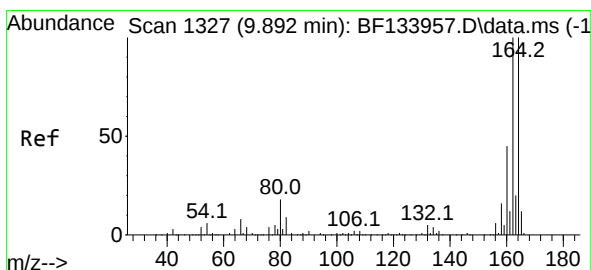
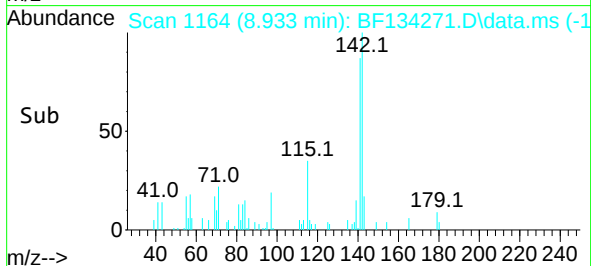
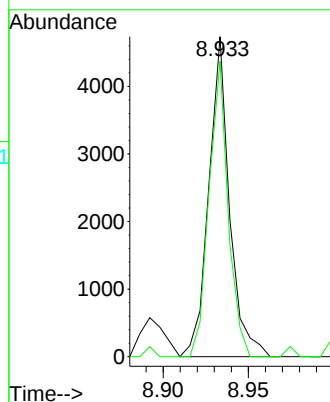
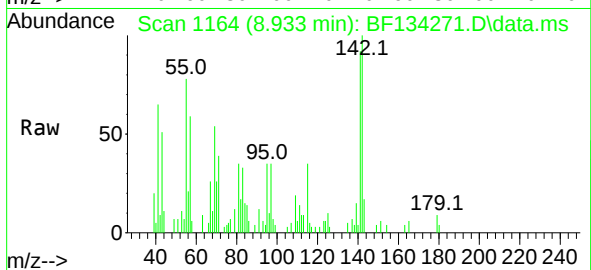
141 92.4 73.5 110.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/14/2023

Supervised By :mohammad ahmed 07/14/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.986 min Scan# 1343

Delta R.T. 0.100 min

Lab File: BF134271.D

Acq: 13 Jul 2023 20:23

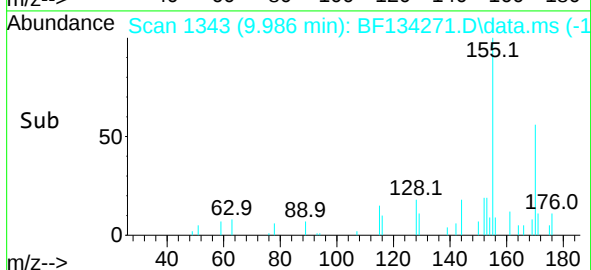
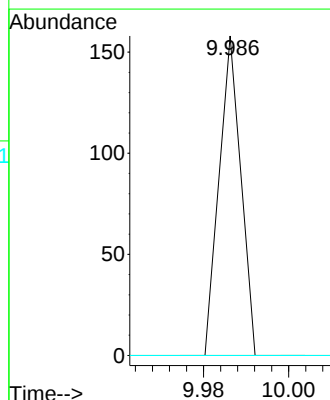
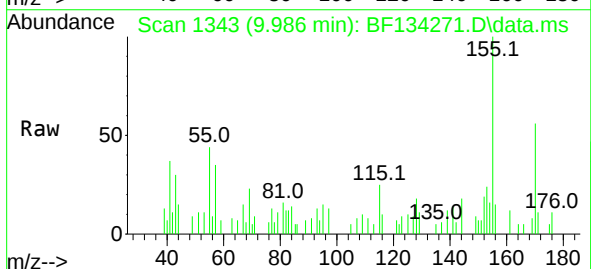
Tgt Ion:164 Resp: 56

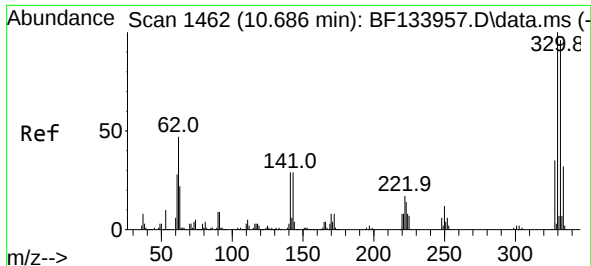
Ion Ratio Lower Upper

164 100

162 0.0 80.0 120.0#

160 0.0 35.9 53.9#





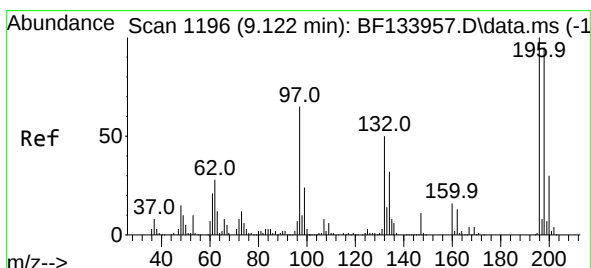
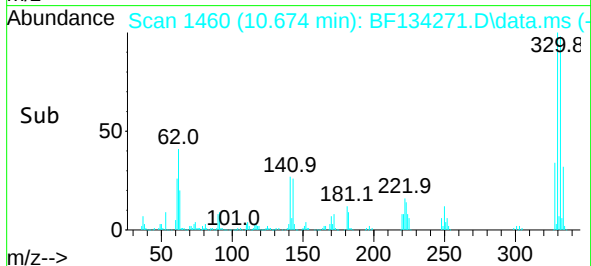
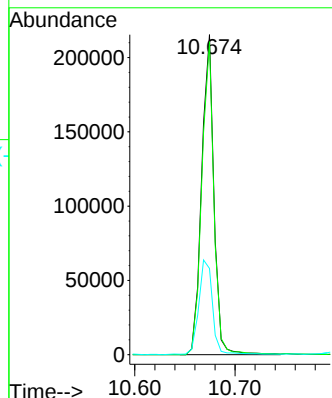
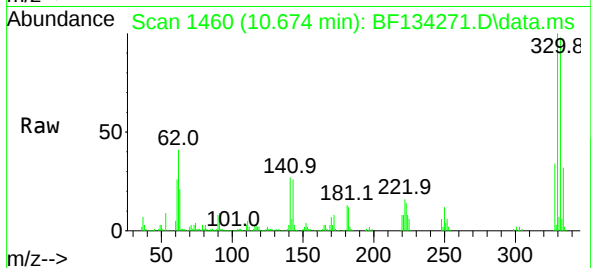
#42
2,4,6-Tribromophenol
Concen: 261368.274 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23

Instrument :
BNA_F
ClientSampleId :
VNJ-225

Tgt Ion: 330 Resp: 183514
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 33.8 26.3 39.5

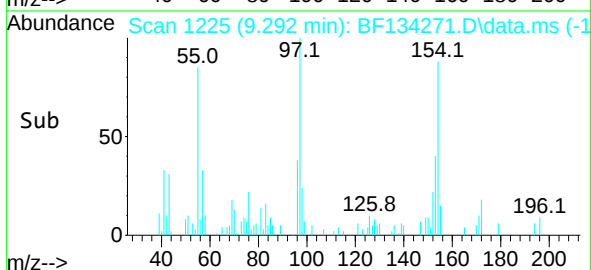
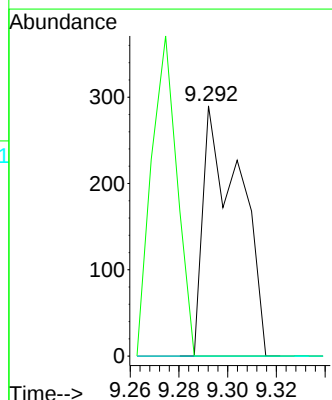
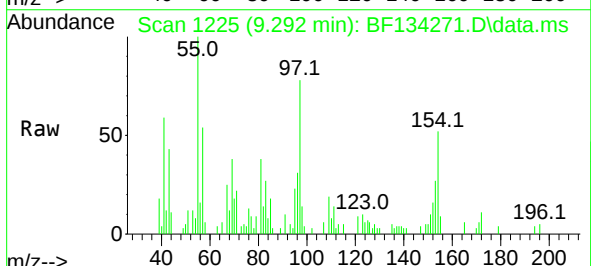
Manual Integrations
APPROVED

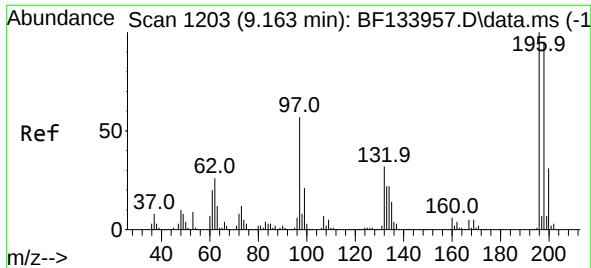
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#43
2,4,6-Trichlorophenol
Concen: 267.396 ng
RT: 9.292 min Scan# 1225
Delta R.T. 0.170 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23

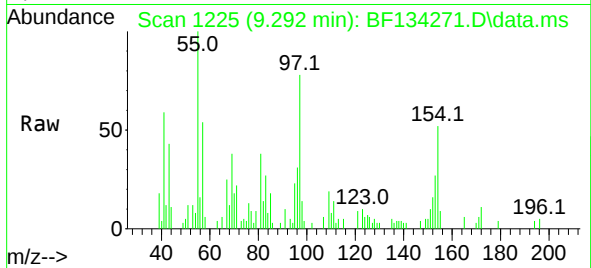
Tgt Ion: 196 Resp: 302
Ion Ratio Lower Upper
196 100
198 0.0 75.6 113.4#
200 0.0 24.4 36.6#





#44
2,4,5-Trichlorophenol
Concen: 227.324 ng
RT: 9.292 min Scan# 11
Delta R.T. 0.129 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23

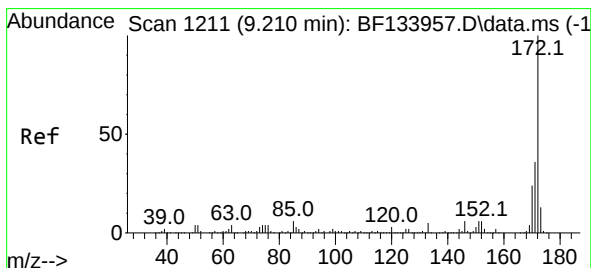
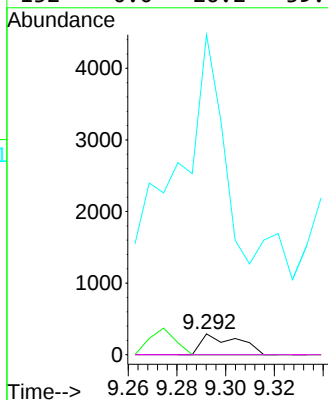
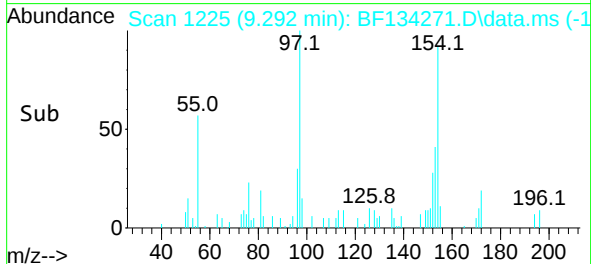
Instrument :
BNA_F
ClientSampleId :
VNJ-225



Tgt Ion:196 Resp: 302
Ion Ratio Lower Upper
196 100
198 0.0 75.7 113.5
97 1541.4 45.8 68.0
132 0.0 26.2 39.4#

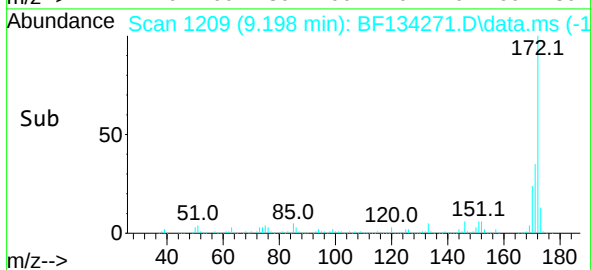
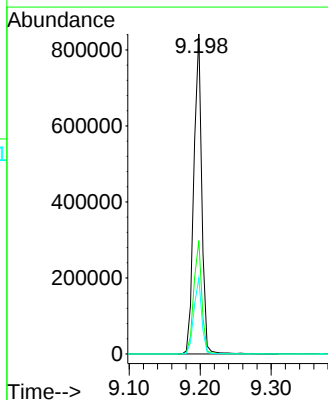
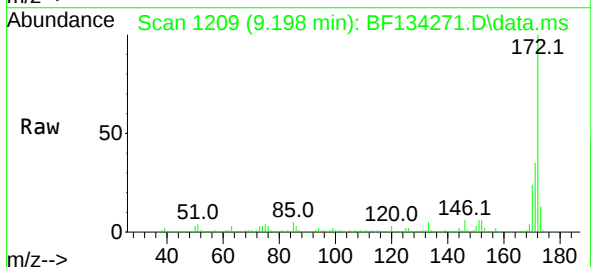
Manual Integrations
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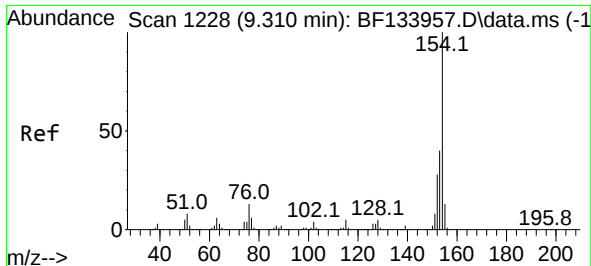
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#45
2-Fluorobiphenyl
Concen: 170602.645 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23

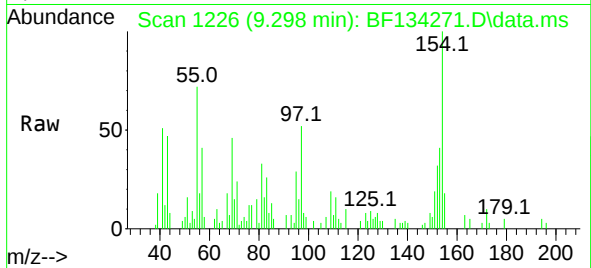
Tgt Ion:172 Resp: 657115
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.7 19.4 29.0





#46
1,1'-Biphenyl
Concen: 1195.427 ng
RT: 9.298 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23

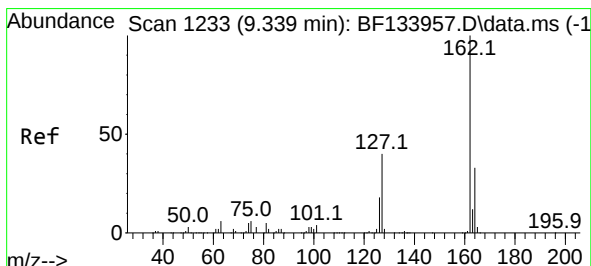
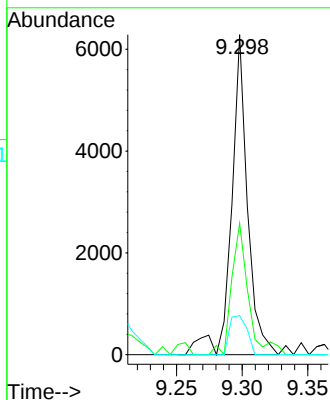
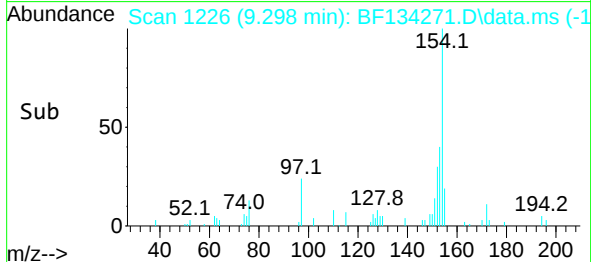
Instrument :
BNA_F
ClientSampleId :
VNJ-225



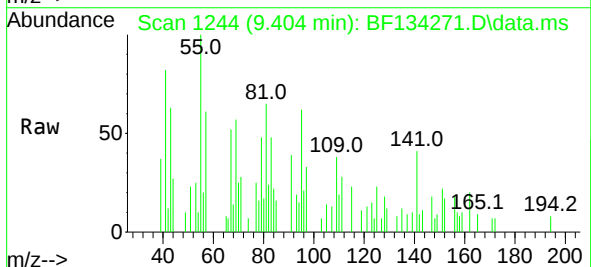
Tgt Ion:154 Resp: 5370
Ion Ratio Lower Upper
154 100
153 41.1 19.8 59.8
76 12.2 0.0 32.9

Manual Integrations
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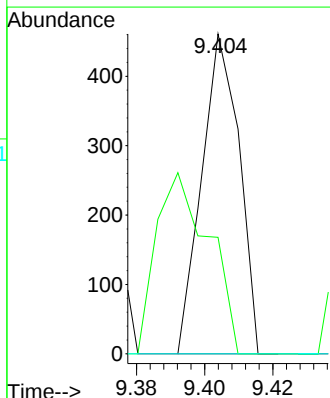
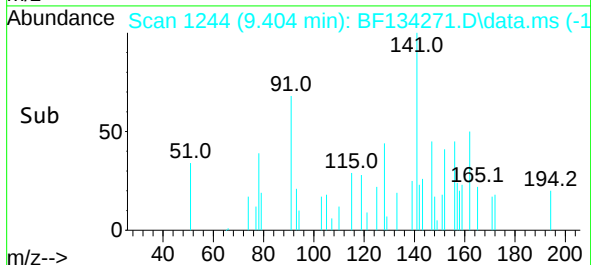
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

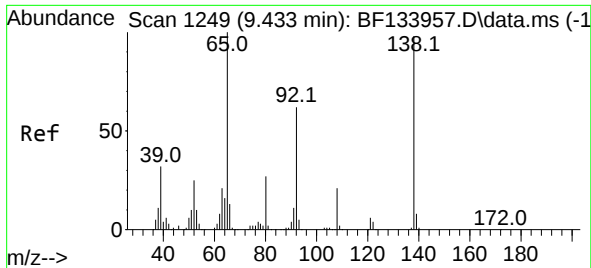


#47
2-Chloronaphthalene
Concen: 106.793 ng
RT: 9.404 min Scan# 1244
Delta R.T. 0.070 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23



Tgt Ion:162 Resp: 351
Ion Ratio Lower Upper
162 100
127 36.4 32.9 49.3
164 0.0 26.1 39.1#





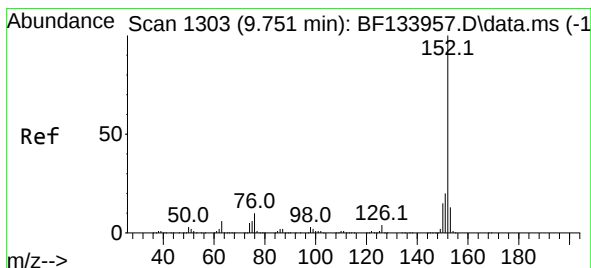
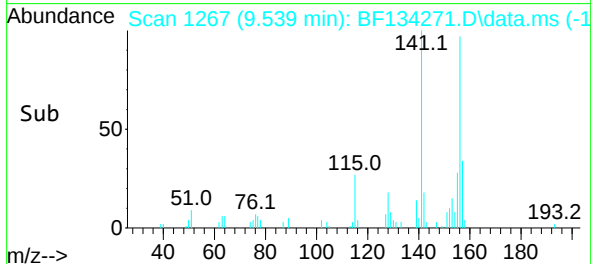
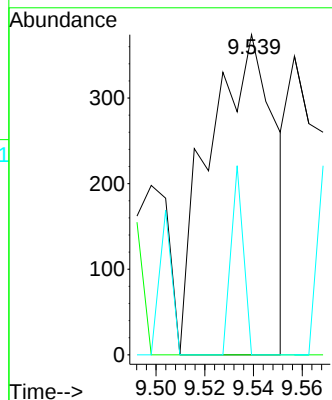
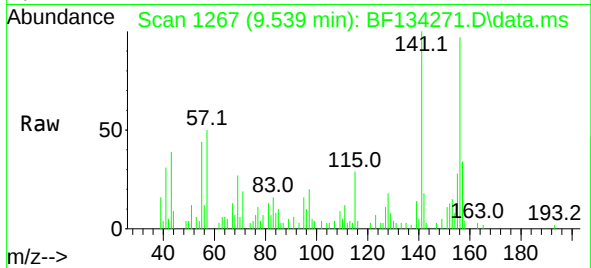
#48
2-Nitroaniline
Concen: 589.395 ng
RT: 9.539 min Scan# 11
Delta R.T. 0.112 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23

Instrument :
BNA_F
ClientSampleId :
VNJ-225

Tgt Ion: 65 Resp: 700
Ion Ratio Lower Upper
65 100
92 0.0 49.5 74.3
138 0.0 78.0 117.0

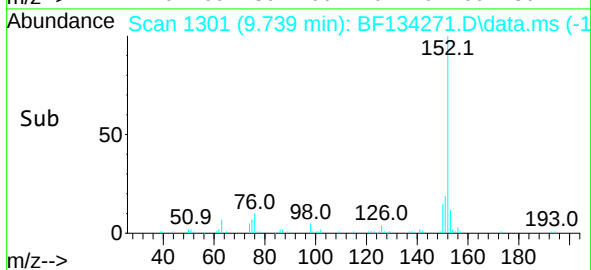
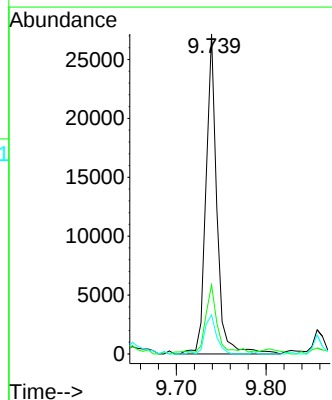
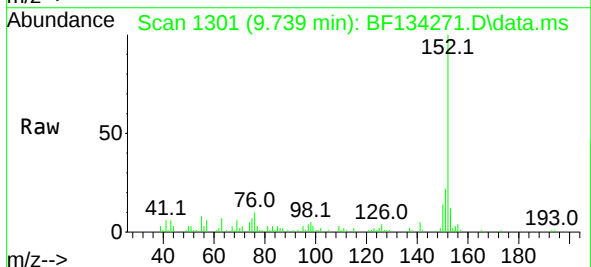
Manual Integrations
APPROVED

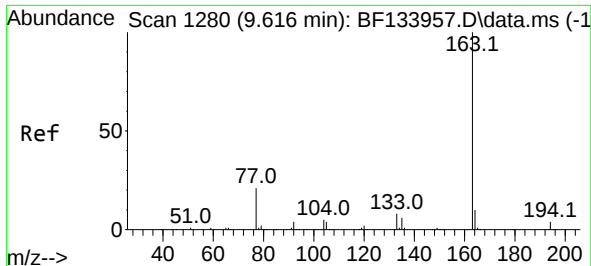
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#49
Acenaphthylene
Concen: 4090.625 ng
RT: 9.739 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23

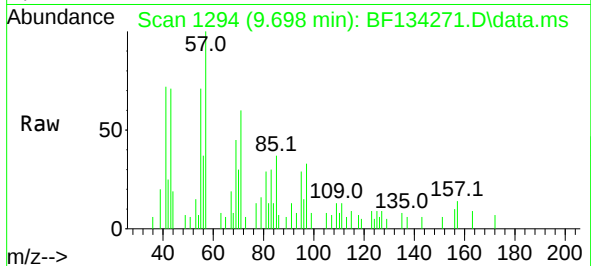
Tgt Ion:152 Resp: 22967
Ion Ratio Lower Upper
152 100
151 21.5 16.2 24.2
153 12.2 10.8 16.2





#50
Dimethylphthalate
Concen: 23.124 ng
RT: 9.698 min Scan# 11
Delta R.T. 0.088 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23

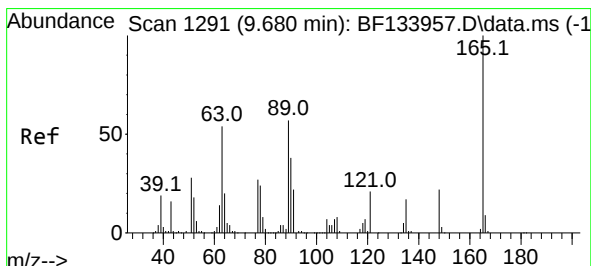
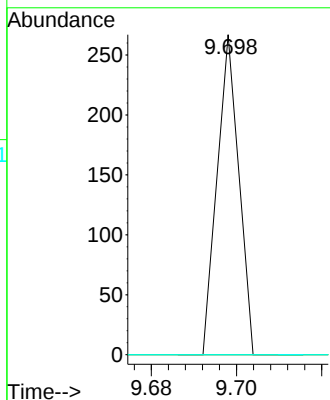
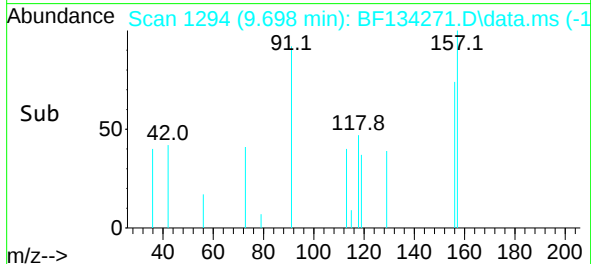
Instrument :
BNA_F
ClientSampleId :
VNJ-225



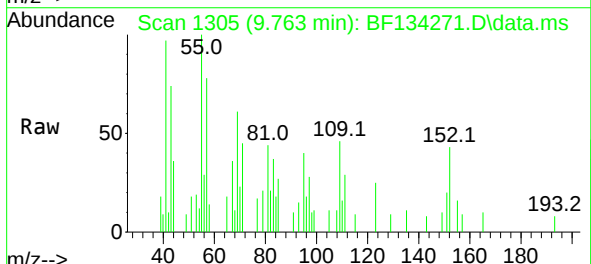
Tgt Ion:163 Resp: 94
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6
164 0.0 8.2 12.2

Manual Integrations
APPROVED

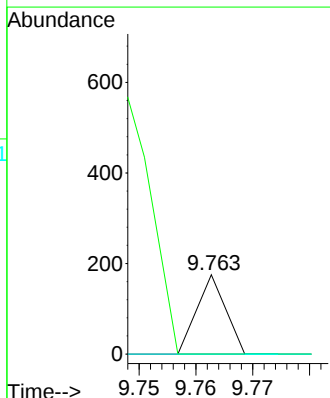
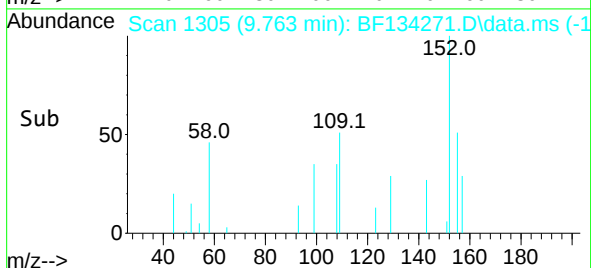
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

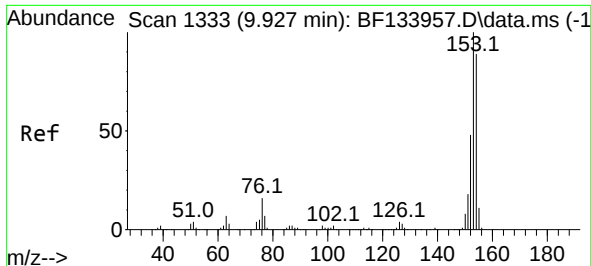


#51
2,6-Dinitrotoluene
Concen: 70.813 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.088 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23



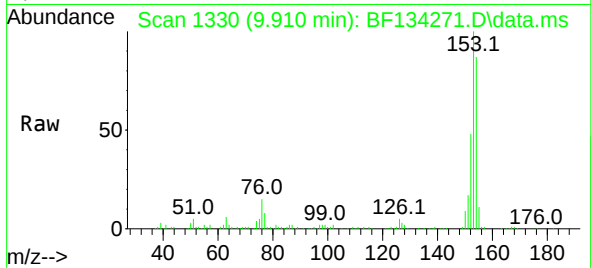
Tgt Ion:165 Resp: 62
Ion Ratio Lower Upper
165 100
63 0.0 48.5 72.7#
89 0.0 45.5 68.3#





#52
Acenaphthene
Concen: 16328.776 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.012 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23

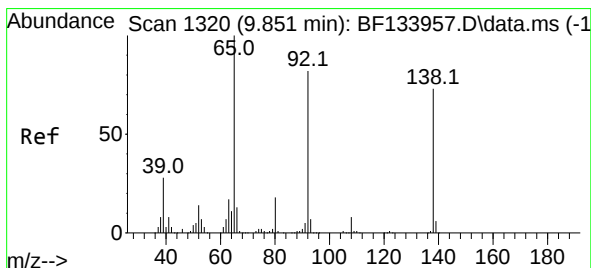
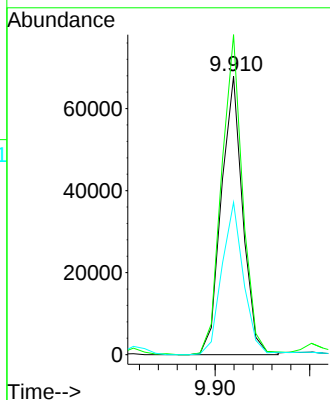
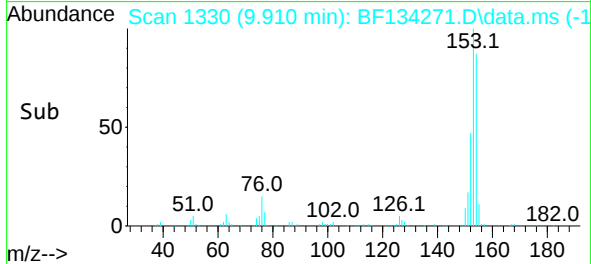
Instrument :
BNA_F
ClientSampleId :
VNJ-225



Tgt Ion:154 Resp: 5319
Ion Ratio Lower Upper
154 100
153 114.9 89.4 134.2
152 54.7 42.8 64.2

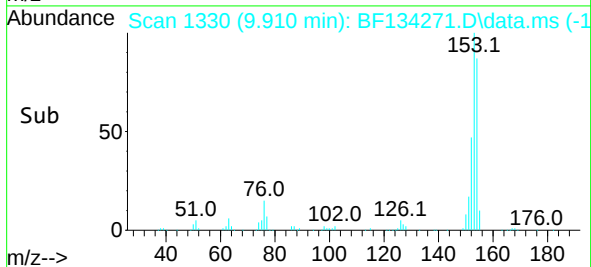
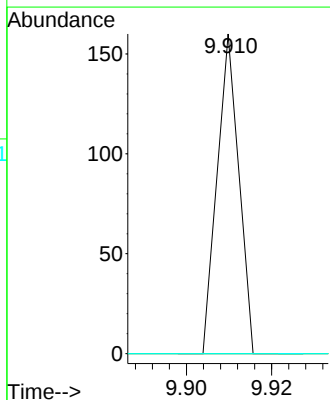
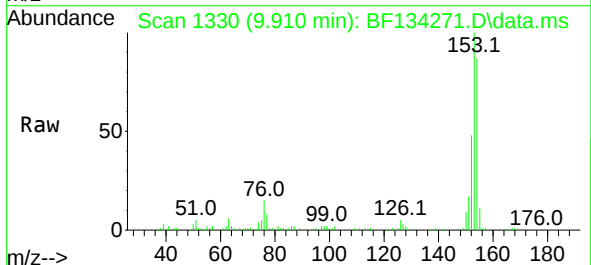
Manual Integrations
APPROVED

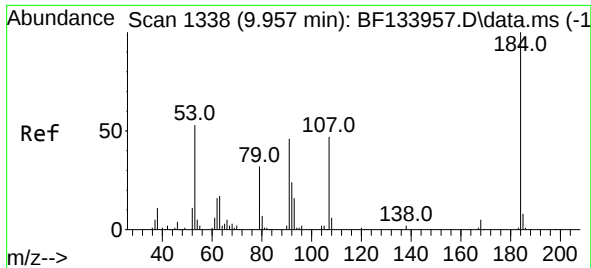
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#53
3-Nitroaniline
Concen: 53.315 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.065 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23

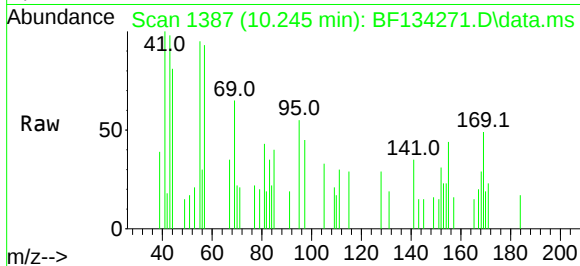
Tgt Ion:138 Resp: 56
Ion Ratio Lower Upper
138 100
108 0.0 8.4 12.6#
92 0.0 90.1 135.1#





#54
2,4-Dinitrophenol
Concen: 116.795 ng
RT: 10.245 min Scan# 1387
Delta R.T. 0.288 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23

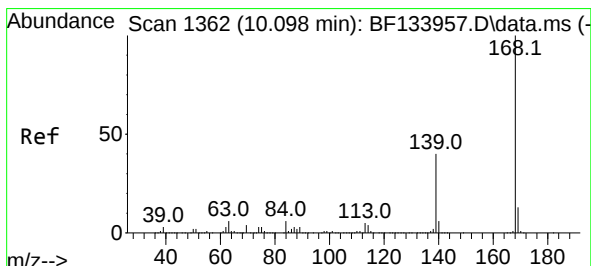
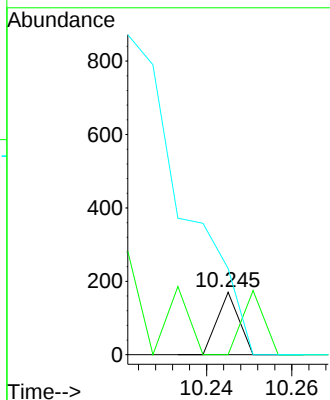
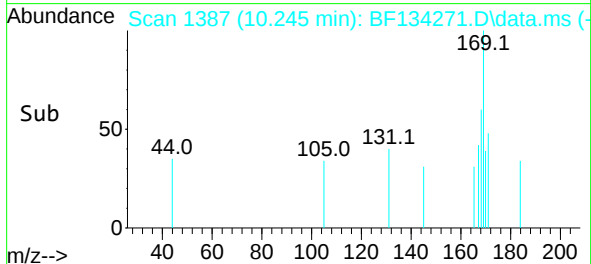
Instrument :
BNA_F
ClientSampleId :
VNJ-225



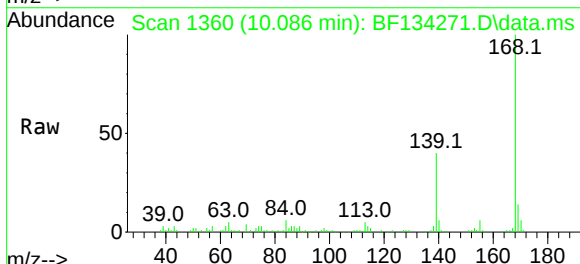
Tgt Ion:184 Resp: 60
Ion Ratio Lower Upper
184 100
63 0.0 56.9 85.3
154 138.2 55.4 83.0

Manual Integrations
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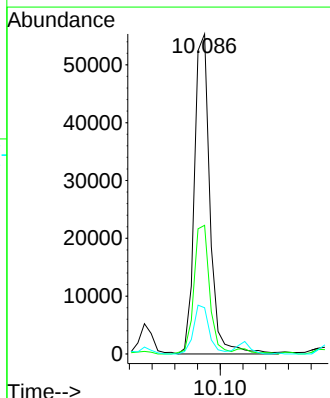
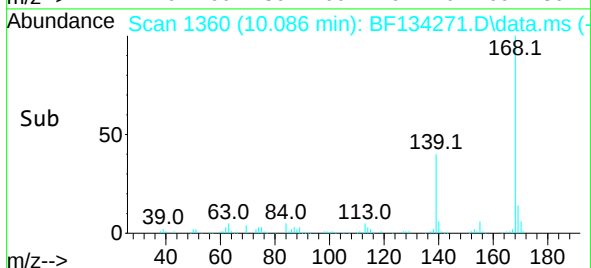
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

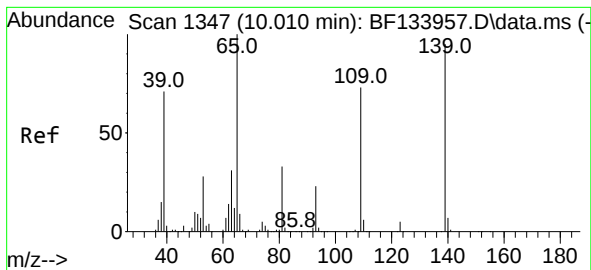


#55
Dibenzofuran
Concen: 10382.333 ng
RT: 10.086 min Scan# 1360
Delta R.T. -0.006 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23



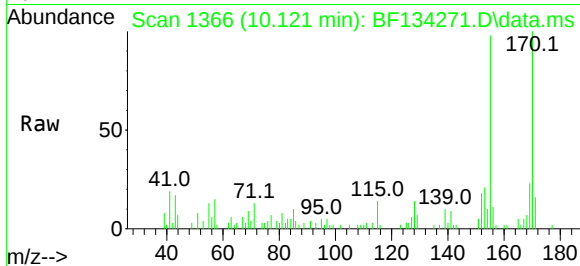
Tgt Ion:168 Resp: 52862
Ion Ratio Lower Upper
168 100
139 40.2 32.0 48.0
169 14.5 10.6 16.0





#56
4-Nitrophenol
Concen: 1294.376 ng
RT: 10.121 min Scan# 11
Delta R.T. 0.112 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23

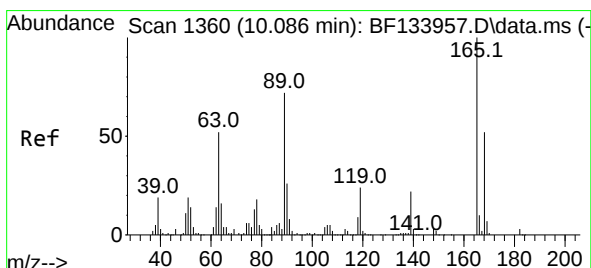
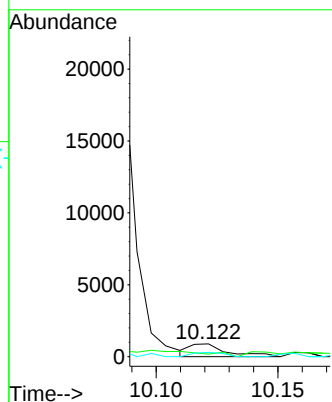
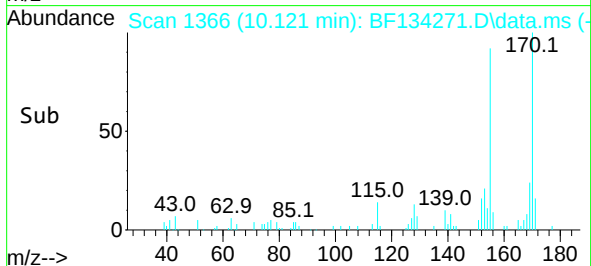
Instrument :
BNA_F
ClientSampleId :
VNJ-225



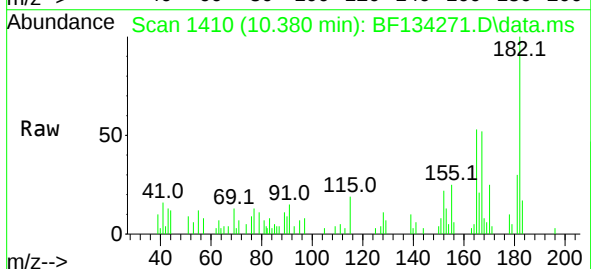
Tgt Ion:139 Resp: 95
Ion Ratio Lower Upper
139 100
109 19.4 56.8 96.8
65 33.3 86.1 126.1

Manual Integrations
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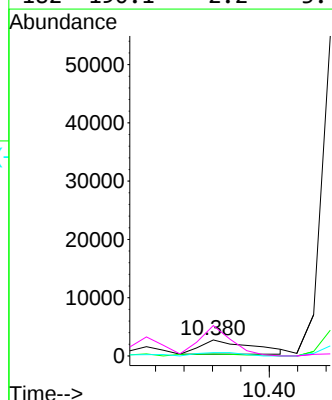
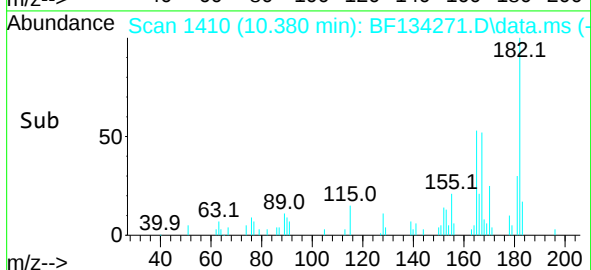
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

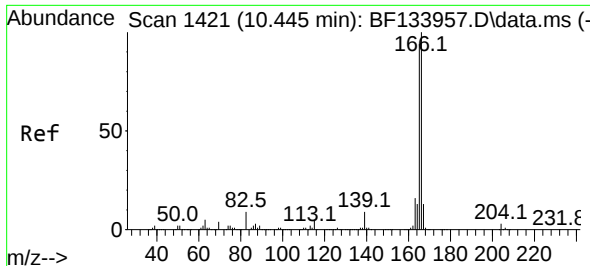


#57
2,4-Dinitrotoluene
Concen: 2700.922 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.300 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23



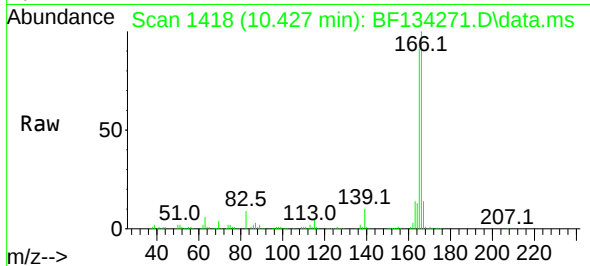
Tgt Ion:165 Resp: 3123
Ion Ratio Lower Upper
165 100
63 12.5 42.2 63.2#
89 21.2 57.4 86.2#
182 190.1 2.2 3.4#





#58
Fluorene
Concen: 23522.674 ng
RT: 10.427 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23

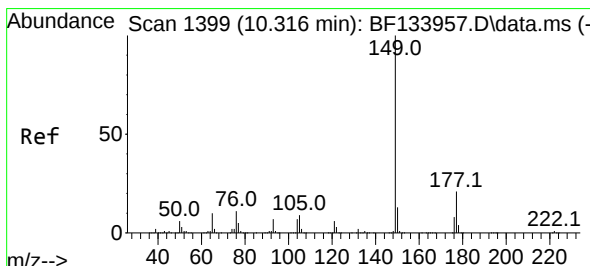
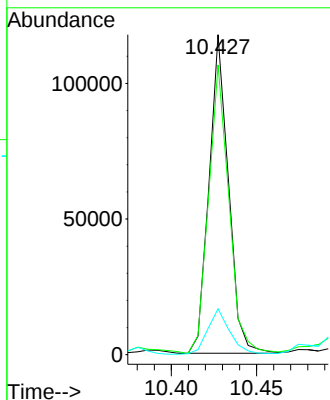
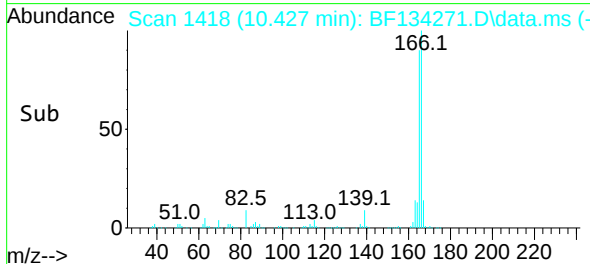
Instrument :
BNA_F
ClientSampleId :
VNJ-225



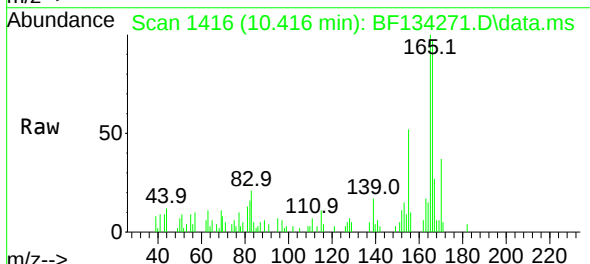
Tgt Ion:166 Resp: 9317
Ion Ratio Lower Upper
166 100
165 90.6 75.0 112.4
167 14.4 10.6 15.8

Manual Integrations
APPROVED

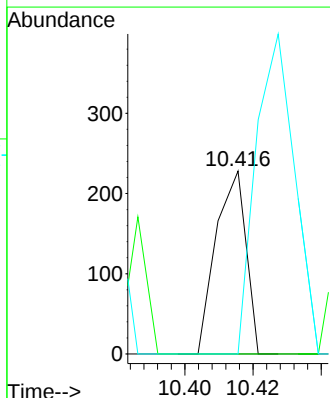
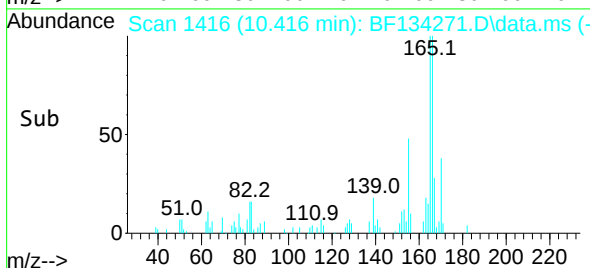
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

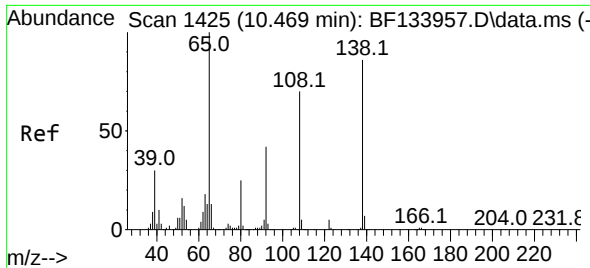


#60
Diethylphthalate
Concen: 32.820 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.106 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23



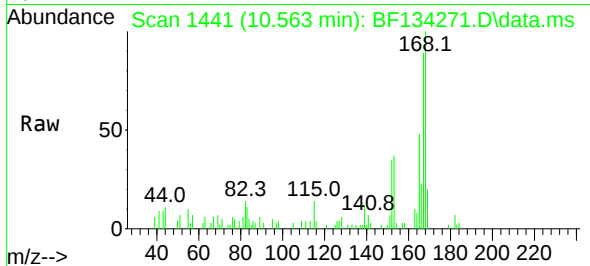
Tgt Ion:149 Resp: 139
Ion Ratio Lower Upper
149 100
177 0.0 17.0 25.6#
150 0.0 10.2 15.2#





#62
4-Nitroaniline
Concen: 53.847 ng
RT: 10.563 min Scan# 1425
Delta R.T. 0.100 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23

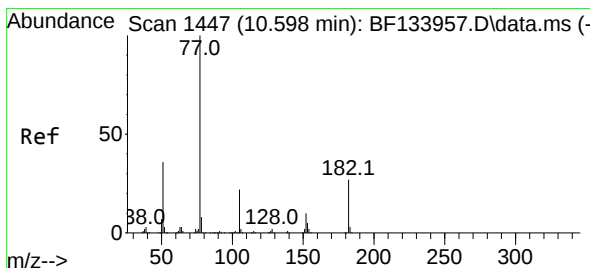
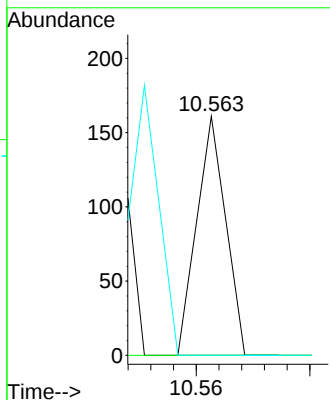
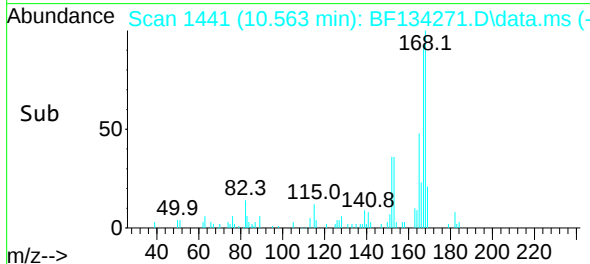
Instrument :
BNA_F
ClientSampleId :
VNJ-225



Tgt Ion:138 Resp: 50
Ion Ratio Lower Upper
138 100
92 0.0 29.7 69.7
108 0.0 62.1 102.1

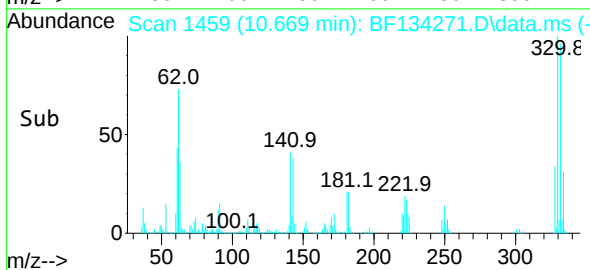
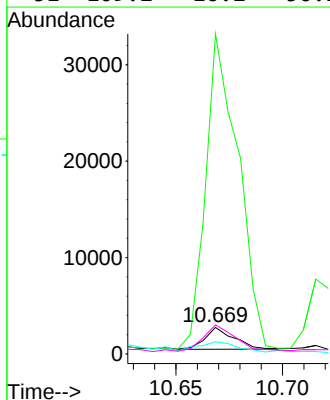
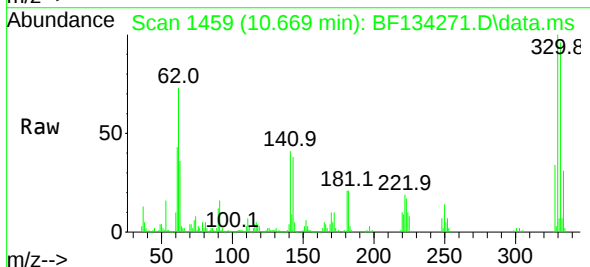
Manual Integrations
APPROVED

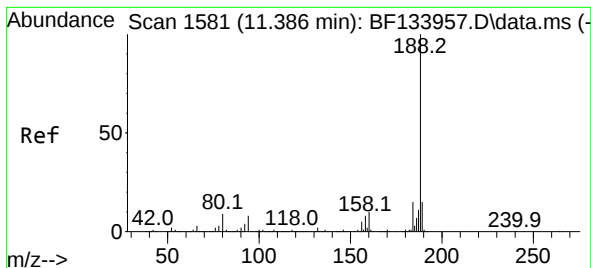
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#63
Azobenzene
Concen: 536.929 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.076 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23

Tgt Ion: 77 Resp: 2151
Ion Ratio Lower Upper
77 100
182 1202.9 6.8 46.8#
105 45.5 2.3 42.3#
51 109.2 16.2 56.2#





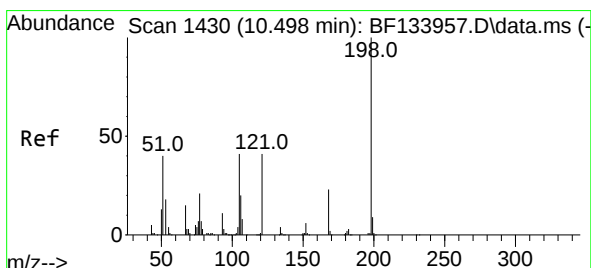
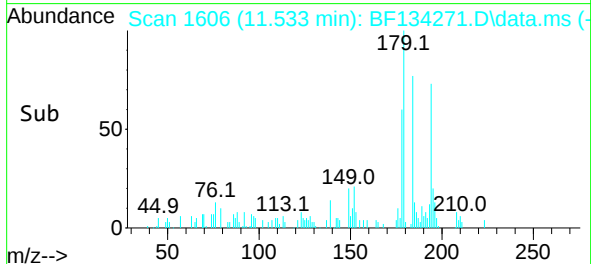
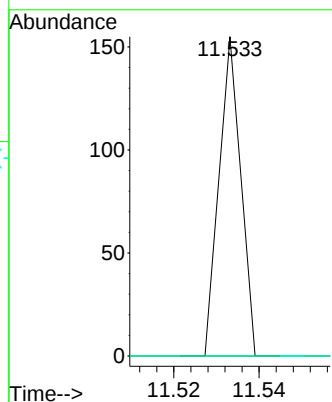
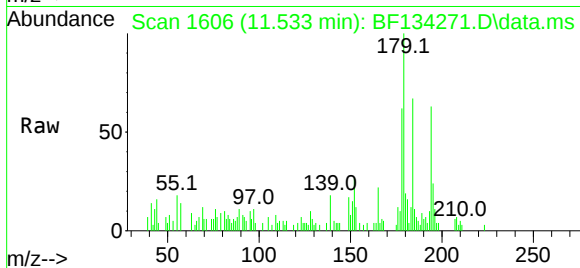
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.533 min Scan# 1606
Delta R.T. 0.153 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23

Instrument :
BNA_F
ClientSampleId :
VNJ-225

Tgt Ion:188 Resp: 58
Ion Ratio Lower Upper
188 100
94 0.0 6.4 9.6
80 0.0 7.3 10.9

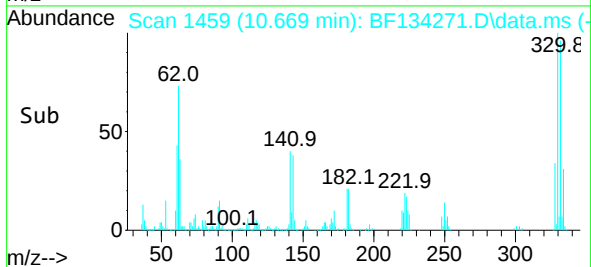
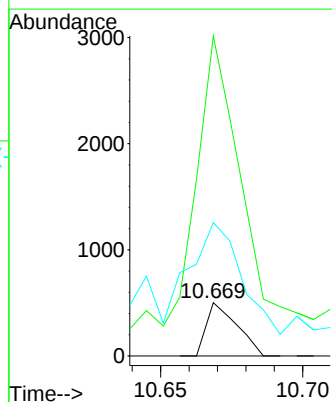
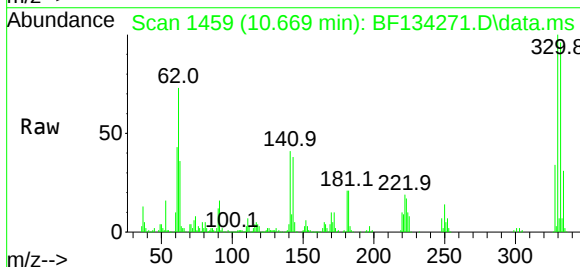
Manual Integrations
APPROVED

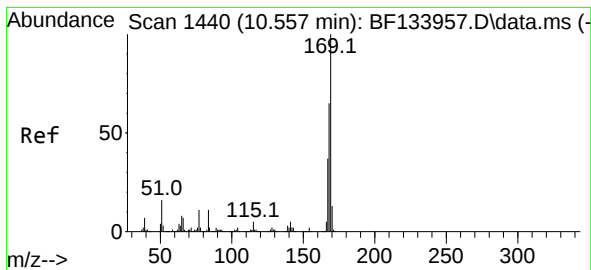
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#65
4,6-Dinitro-2-methylphenol
Concen: 1243.928 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.176 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23

Tgt Ion:198 Resp: 373
Ion Ratio Lower Upper
198 100
51 600.6 29.3 69.3#
105 250.4 22.4 62.4#





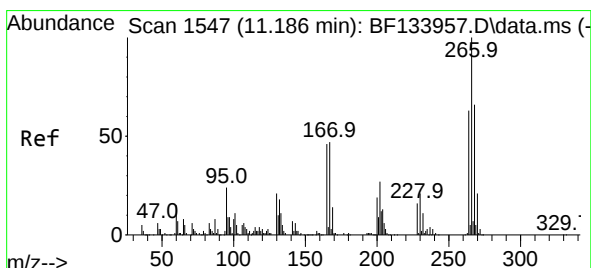
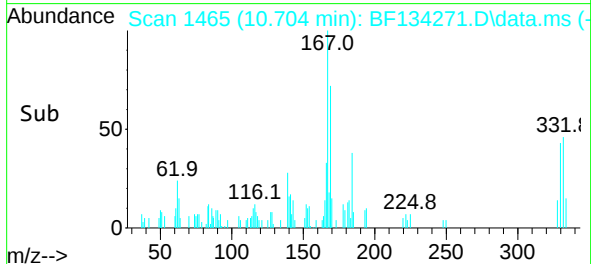
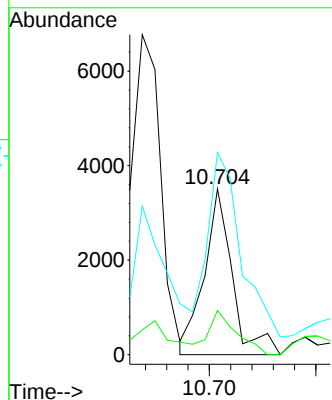
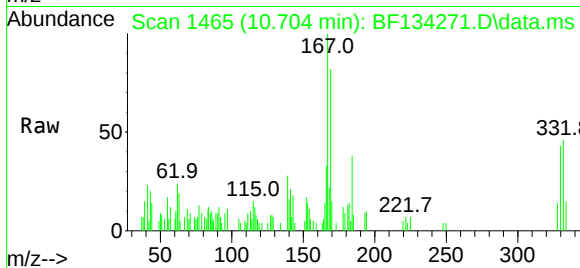
#66
n-Nitrosodiphenylamine
Concen: 1815.318 ng
RT: 10.704 min Scan# 1440
Delta R.T. 0.153 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23

Instrument :
BNA_F
ClientSampleId :
VNJ-225

Tgt Ion:169 Resp: 3190
Ion Ratio Lower Upper
169 100
168 26.6 52.3 78.5
167 122.0 29.4 44.0

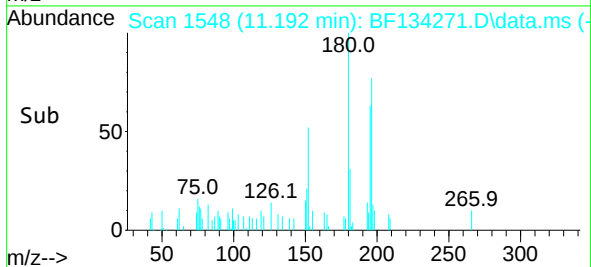
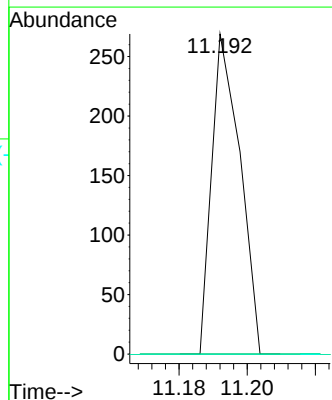
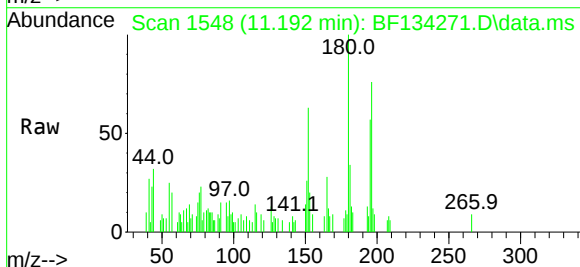
Manual Integrations
APPROVED

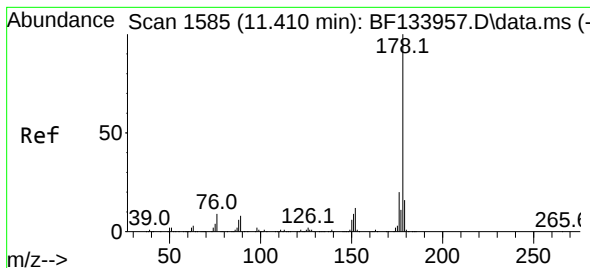
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#70
Pentachlorophenol
Concen: 417.653 ng
RT: 11.192 min Scan# 1548
Delta R.T. 0.006 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23

Tgt Ion:266 Resp: 155
Ion Ratio Lower Upper
266 100
268 0.0 52.6 79.0#
264 0.0 50.6 76.0#





#71

Phenanthrene

Concen: 78372.775 ng

RT: 11.451 min Scan# 1592

Delta R.T. 0.047 min

Lab File: BF134271.D

Acq: 13 Jul 2023 20:23

Instrument :

BNA_F

ClientSampleId :

VNJ-225

Tgt Ion:178 Resp: 216998

Ion Ratio Lower Upper

178 100

176 19.0 16.0 24.0

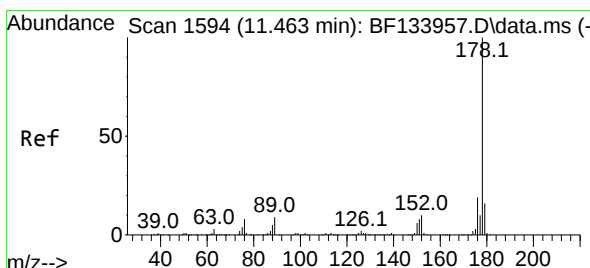
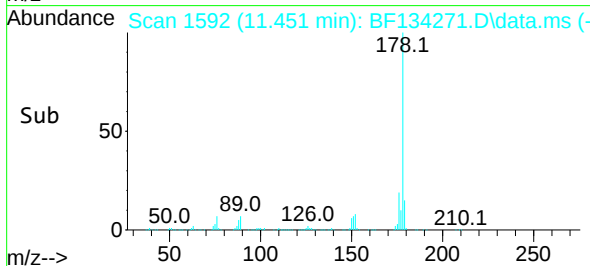
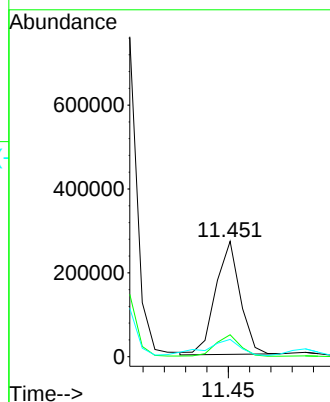
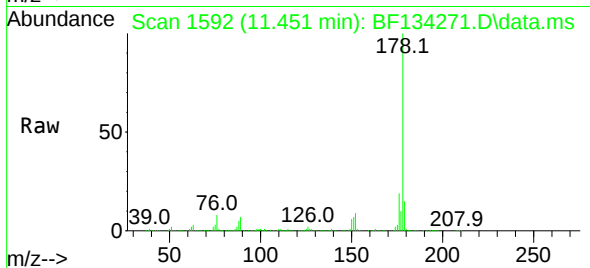
179 14.9 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/14/2023

Supervised By :mohammad ahmed 07/14/2023



#72

Anthracene

Concen: 75350.167 ng

RT: 11.451 min Scan# 1592

Delta R.T. -0.006 min

Lab File: BF134271.D

Acq: 13 Jul 2023 20:23

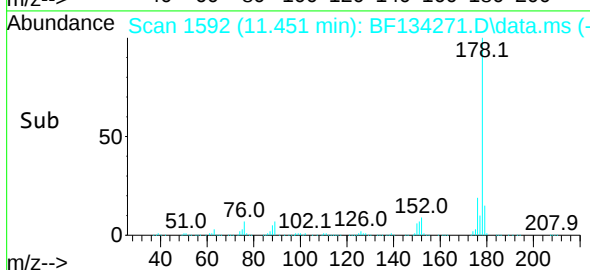
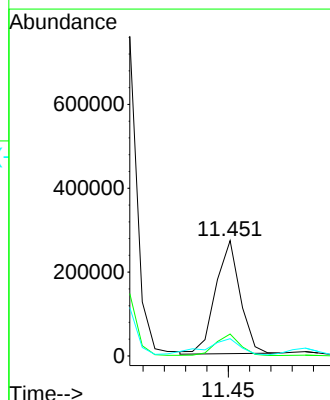
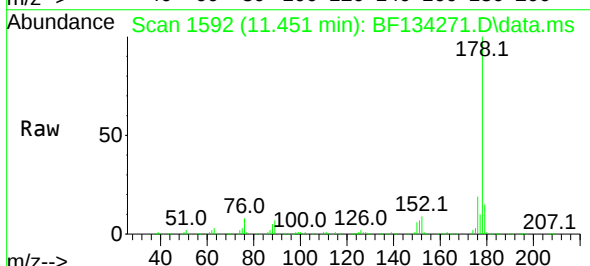
Tgt Ion:178 Resp: 216998

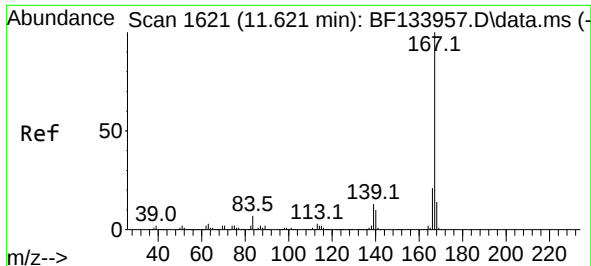
Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

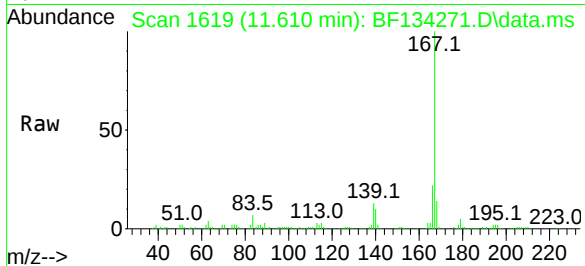
179 14.9 12.4 18.6





#73
 Carbazole
 Concen: 33479.309 ng
 RT: 11.610 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF134271.D
 Acq: 13 Jul 2023 20:23

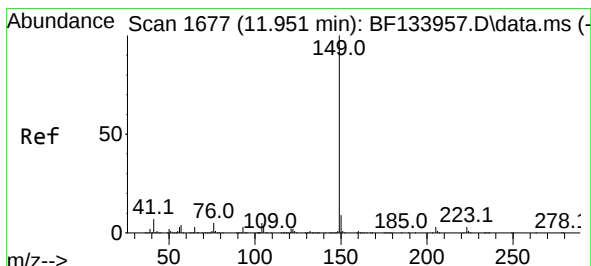
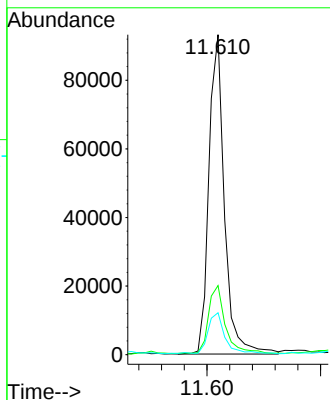
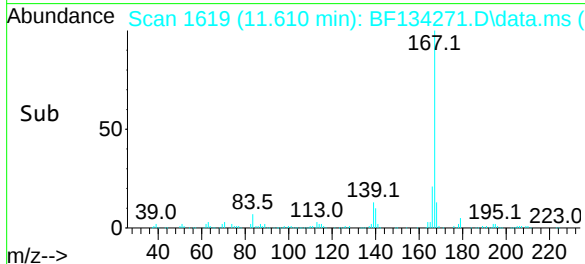
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-225



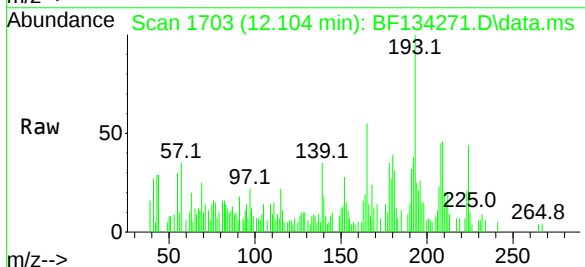
Tgt Ion:167 Resp: 88250
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.0 25.6
 139 13.1 10.4 15.6

Manual Integrations
 APPROVED

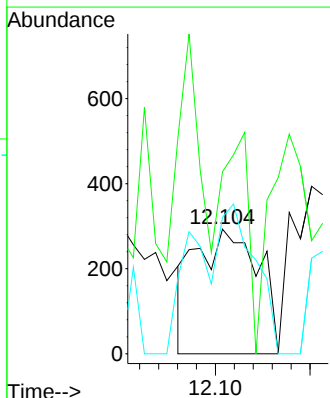
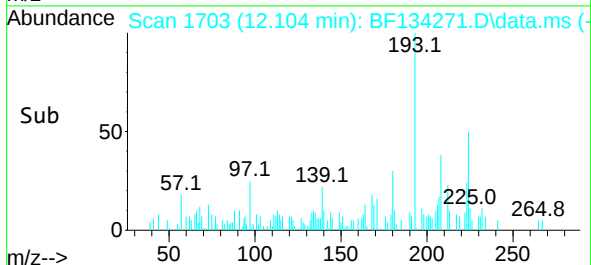
Reviewed By :Yogesh Patel 07/14/2023
 Supervised By :mohammad ahmed 07/14/2023

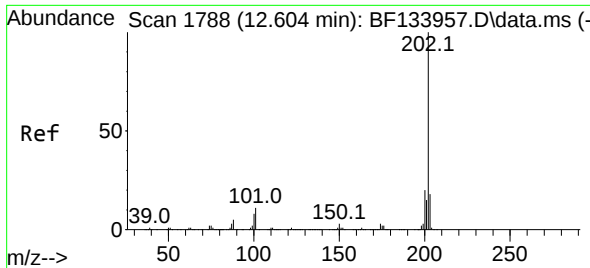


#74
 Di-n-butylphthalate
 Concen: 217.249 ng
 RT: 12.104 min Scan# 1703
 Delta R.T. 0.159 min
 Lab File: BF134271.D
 Acq: 13 Jul 2023 20:23



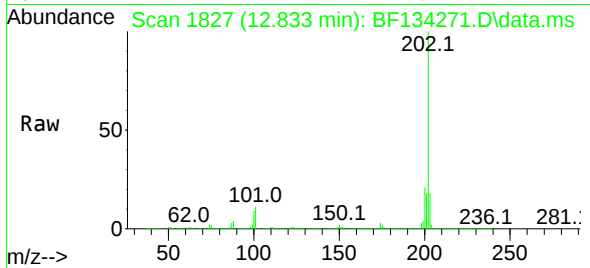
Tgt Ion:149 Resp: 681
 Ion Ratio Lower Upper
 149 100
 150 146.1 7.1 10.7#
 104 109.6 4.0 6.0#





#75
Fluoranthene
Concen: 378744.068 ng
RT: 12.833 min Scan# 11
Delta R.T. 0.229 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23

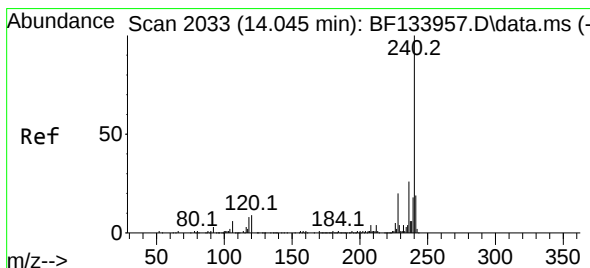
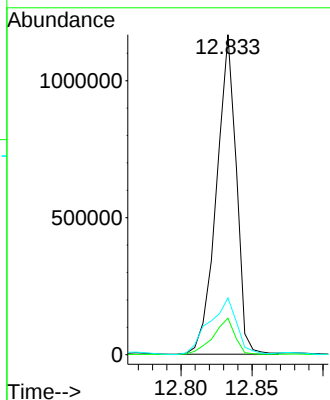
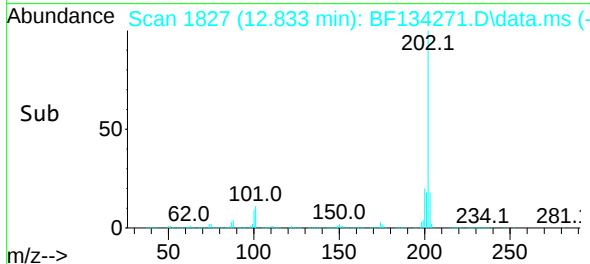
Instrument :
BNA_F
ClientSampleId :
VNJ-225



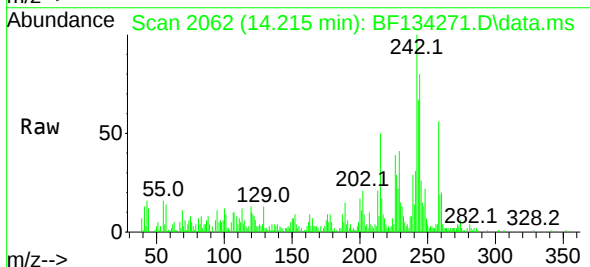
Tgt Ion:202 Resp: 113370
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.0
203 17.7 0.0 37.6

Manual Integrations
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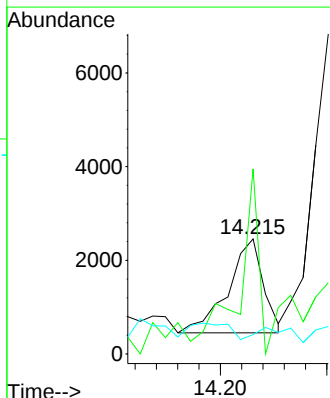
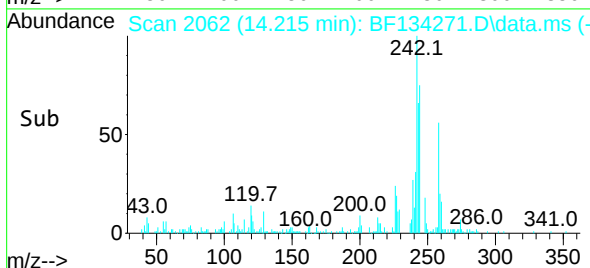
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

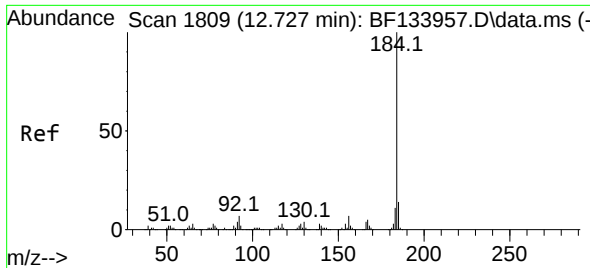


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.215 min Scan# 2062
Delta R.T. 0.176 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23



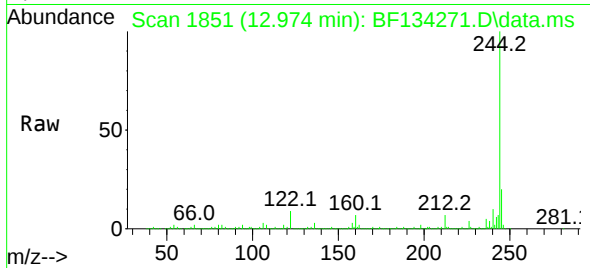
Tgt Ion:240 Resp: 2302
Ion Ratio Lower Upper
240 100
120 160.8 7.4 11.0#
236 16.9 21.0 31.6#





#77
Benzidine
Concen: 207.049 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.247 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23

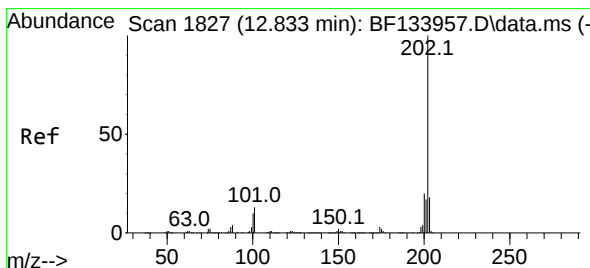
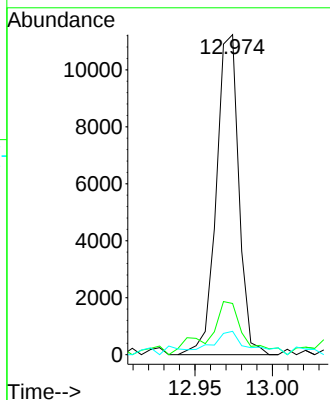
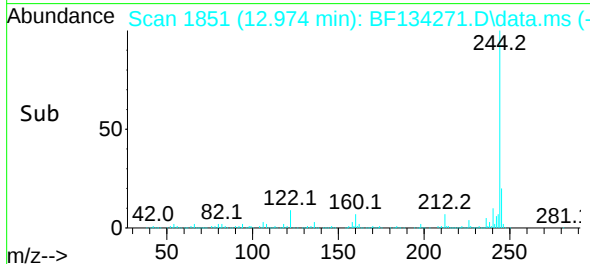
Instrument :
BNA_F
ClientSampleId :
VNJ-225



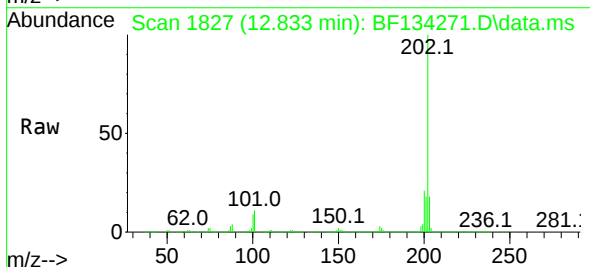
Tgt Ion:184 Resp: 1134
Ion Ratio Lower Upper
184 100
185 16.0 11.6 17.4
183 7.3 8.8 13.2

Manual Integrations
APPROVED

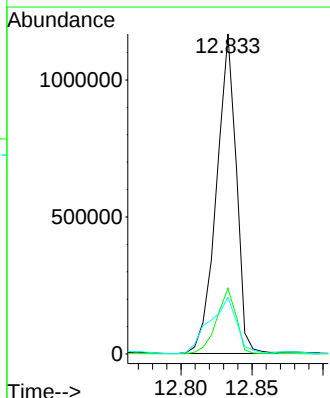
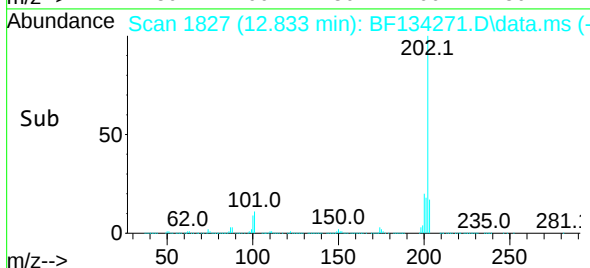
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

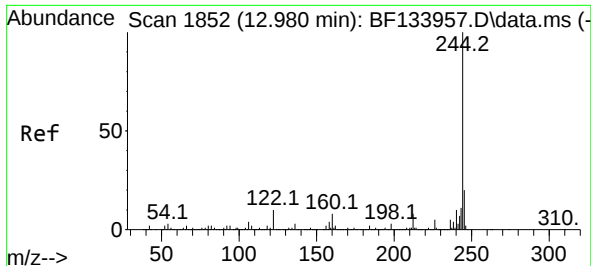


#78
Pyrene
Concen: 5291.926 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23



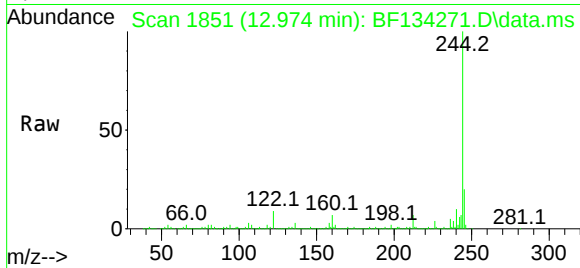
Tgt Ion:202 Resp: 1133702
Ion Ratio Lower Upper
202 100
200 20.5 16.1 24.1
203 17.7 14.3 21.5





#79
 Terphenyl-d14
 Concen: 5231.773 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF134271.D
 Acq: 13 Jul 2023 20:23

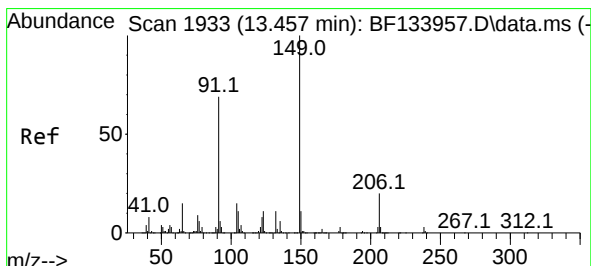
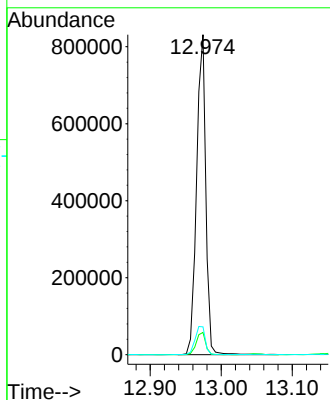
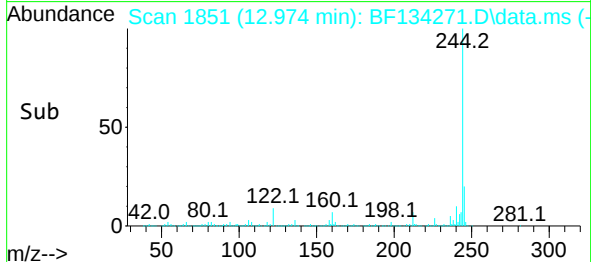
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-225



Tgt Ion:244 Resp: 748310
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 8.7 8.3 12.5

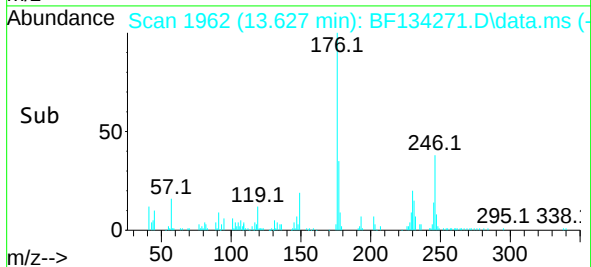
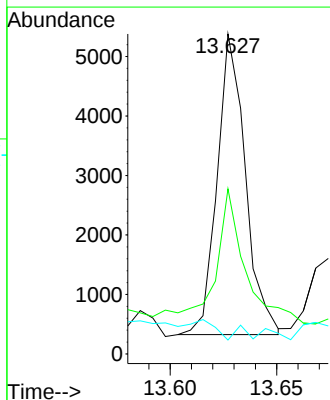
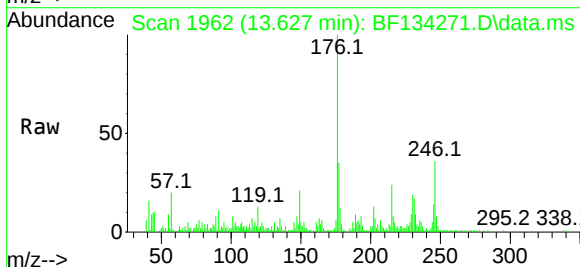
Manual Integrations
 APPROVED

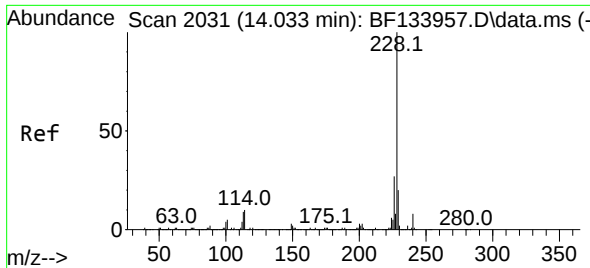
Reviewed By :Yogesh Patel 07/14/2023
 Supervised By :mohammad ahmed 07/14/2023



#80
 Butylbenzylphthalate
 Concen: 57.836 ng
 RT: 13.627 min Scan# 1962
 Delta R.T. 0.176 min
 Lab File: BF134271.D
 Acq: 13 Jul 2023 20:23

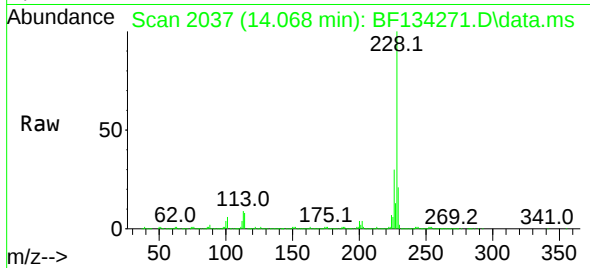
Tgt Ion:149 Resp: 4647
 Ion Ratio Lower Upper
 149 100
 91 51.6 55.1 82.7#
 206 4.4 15.7 23.5#





#81
Benzo(a)anthracene
Concen: 4439.761 ng
RT: 14.068 min Scan# 2031
Delta R.T. 0.035 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23

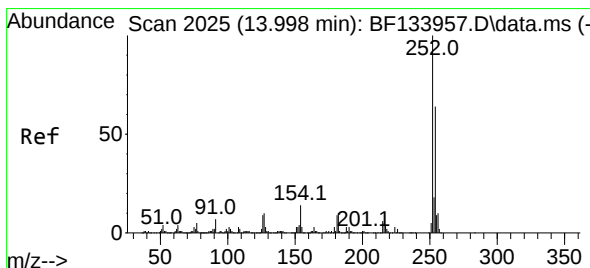
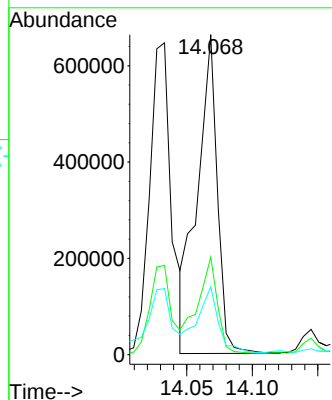
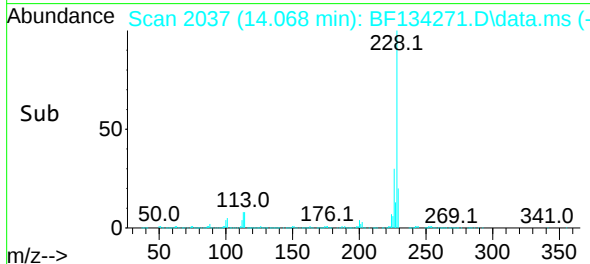
Instrument :
BNA_F
ClientSampleId :
VNJ-225



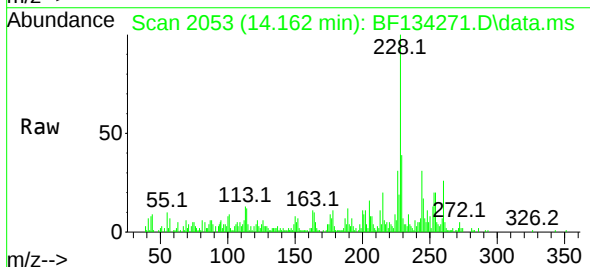
Tgt Ion:228 Resp: 708799
Ion Ratio Lower Upper
228 100
226 30.5 22.0 33.0
229 21.2 16.3 24.5

Manual Integrations
APPROVED

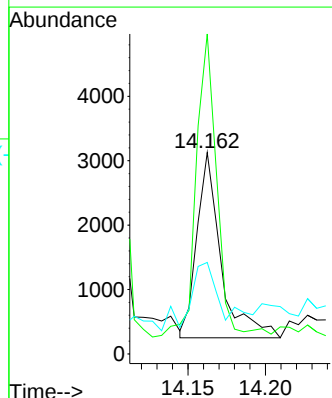
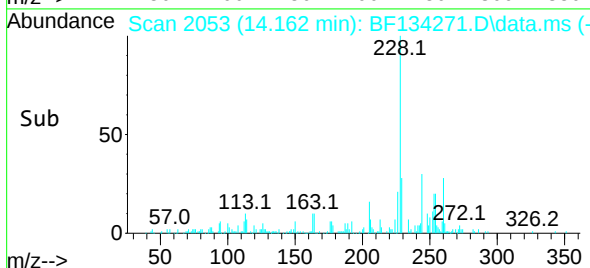
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

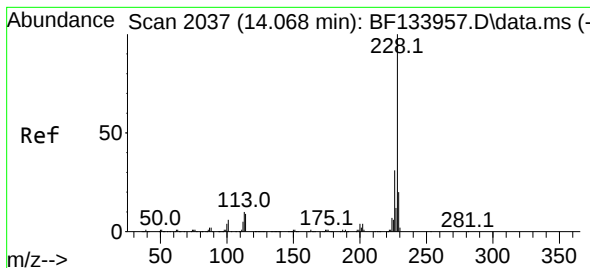


#82
3,3'-Dichlorobenzidine
Concen: 61.368 ng
RT: 14.162 min Scan# 2053
Delta R.T. 0.170 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23



Tgt Ion:252 Resp: 3104
Ion Ratio Lower Upper
252 100
254 158.8 51.4 77.0#
126 45.4 7.4 11.2#





#83

Chrysene

Concen: 4583.856 ng

RT: 14.068 min Scan# 2037

Delta R.T. -0.000 min

Lab File: BF134271.D

Acq: 13 Jul 2023 20:23

Instrument :

BNA_F

ClientSampleId :

VNJ-225

Tgt Ion:228 Resp: 708799

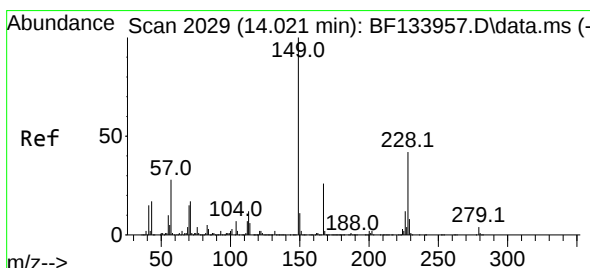
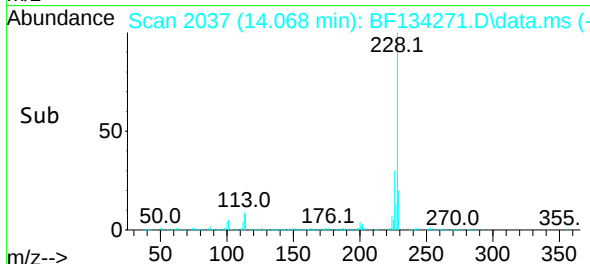
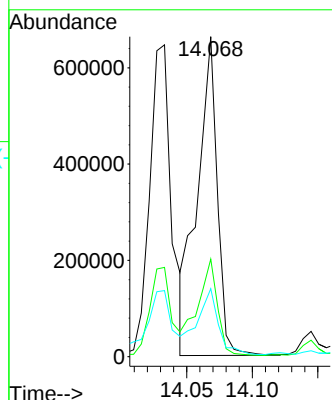
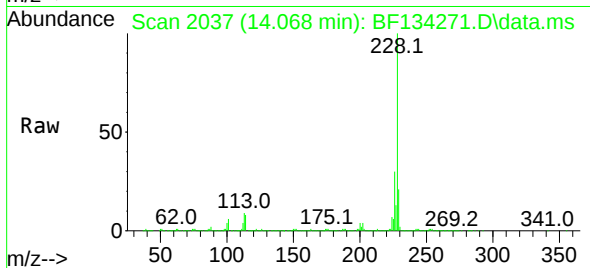
Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.4	36.6
229	21.2	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/14/2023

Supervised By :mohammad ahmed 07/14/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.834 ng

RT: 14.174 min Scan# 2055

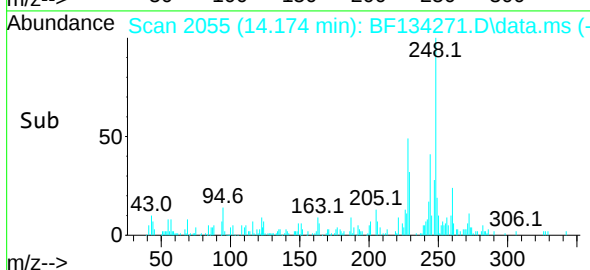
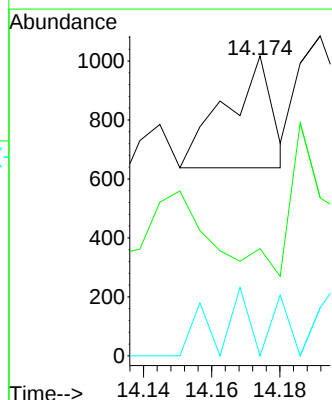
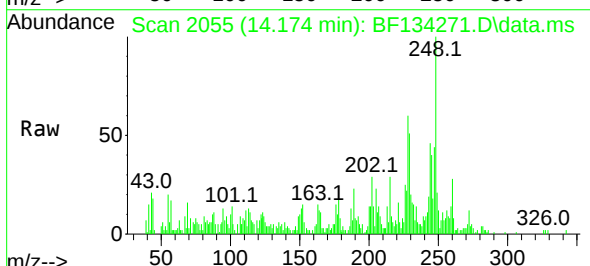
Delta R.T. 0.159 min

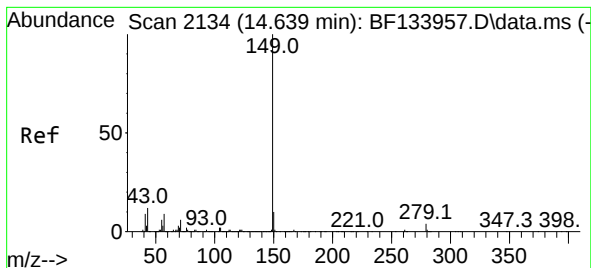
Lab File: BF134271.D

Acq: 13 Jul 2023 20:23

Tgt Ion:149 Resp: 354

Ion	Ratio	Lower	Upper
149	100		
167	35.8	21.0	31.4#
279	0.0	3.3	4.9#





#85

Di-n-octyl phthalate

Concen: 335.109 ng

RT: 14.809 min Scan# 2134

Delta R.T. 0.170 min

Lab File: BF134271.D

Acq: 13 Jul 2023 20:23

Instrument :

BNA_F

ClientSampleId :

VNJ-225

Tgt Ion:149 Resp: 45460

Ion Ratio Lower Upper

149 100

167 6.4 1.3 1.9

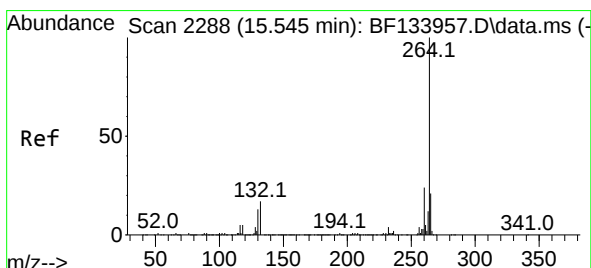
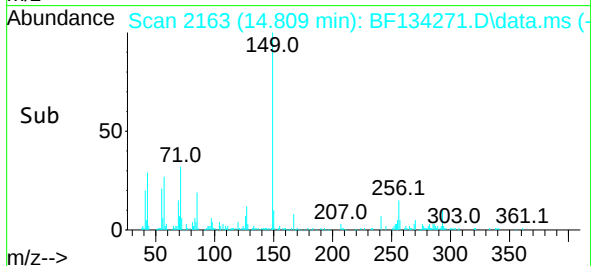
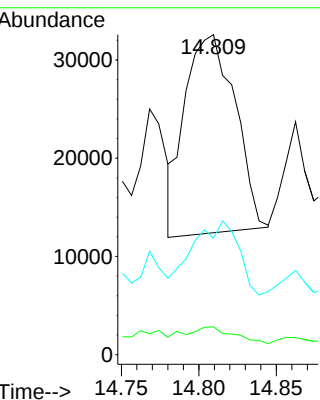
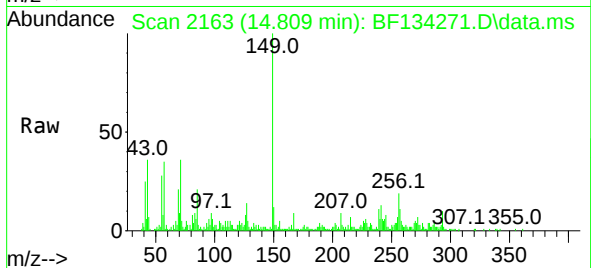
43 34.1 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/14/2023

Supervised By :mohammad ahmed 07/14/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.733 min Scan# 2320

Delta R.T. 0.188 min

Lab File: BF134271.D

Acq: 13 Jul 2023 20:23

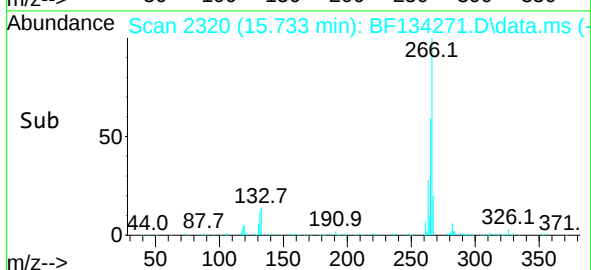
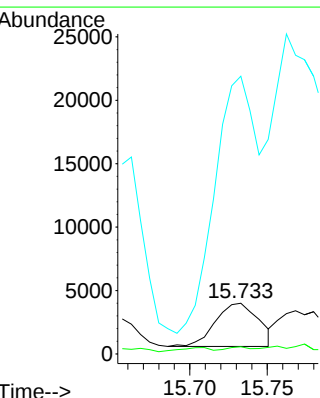
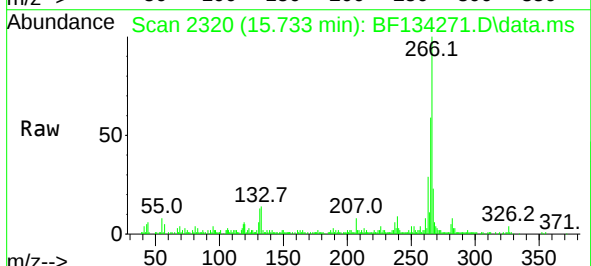
Tgt Ion:264 Resp: 6620

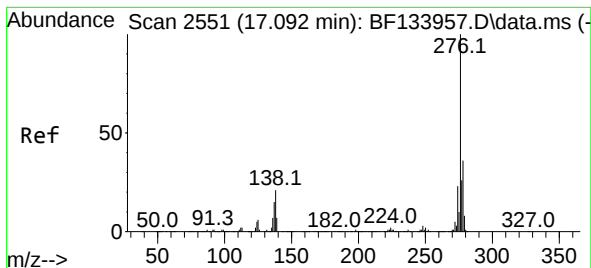
Ion Ratio Lower Upper

264 100

260 14.2 19.5 29.3#

265 546.9 16.6 25.0#





#87

Indeno(1,2,3-cd)pyrene

Concen: 31.709 ng

RT: 17.274 min Scan# 2114

Delta R.T. 0.176 min

Lab File: BF134271.D

Acq: 13 Jul 2023 20:23

Instrument :

BNA_F

ClientSampleId :

VNJ-225

Tgt Ion:276 Resp: 14560

Ion Ratio Lower Upper

276 100

138 43.9 18.7 28.1

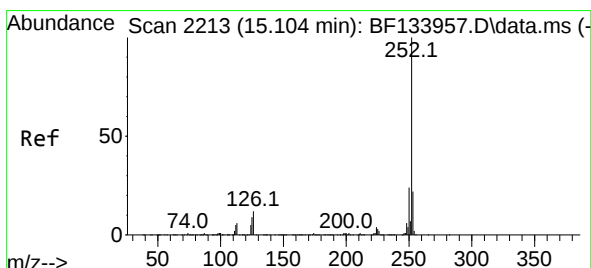
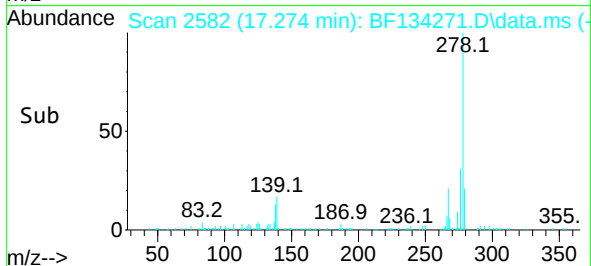
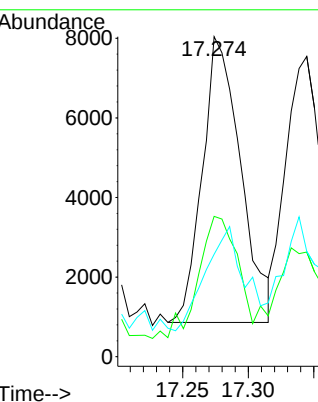
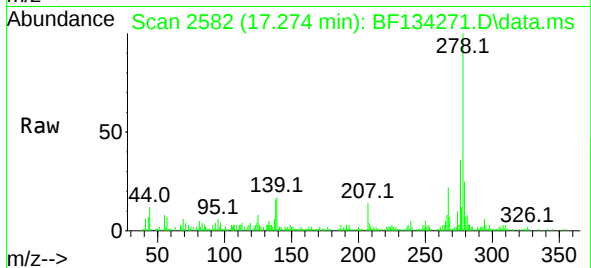
277 37.3 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/14/2023

Supervised By :mohammad ahmed 07/14/2023



#88

Benzo(b)fluoranthene

Concen: 3957.954 ng

RT: 15.109 min Scan# 2214

Delta R.T. 0.006 min

Lab File: BF134271.D

Acq: 13 Jul 2023 20:23

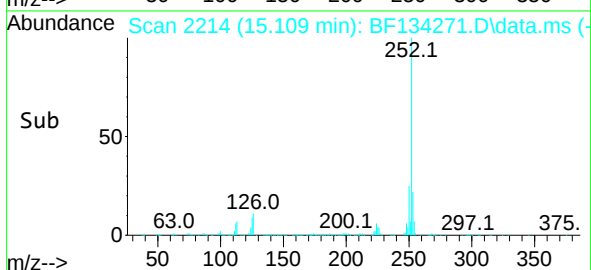
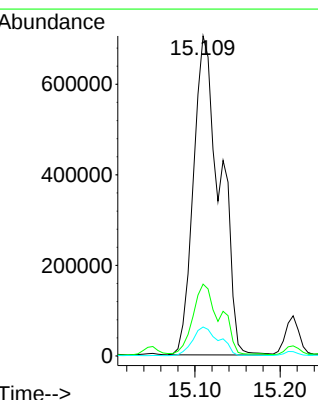
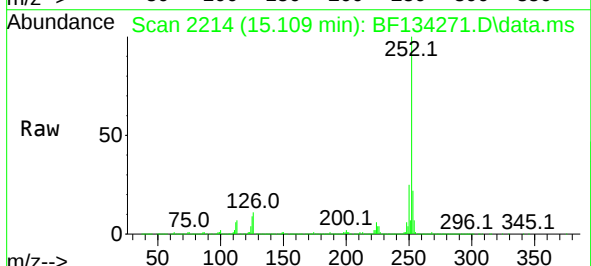
Tgt Ion:252 Resp: 1540678

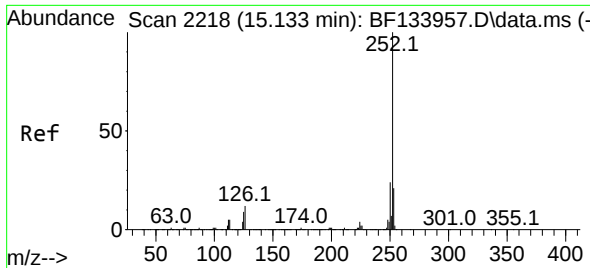
Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

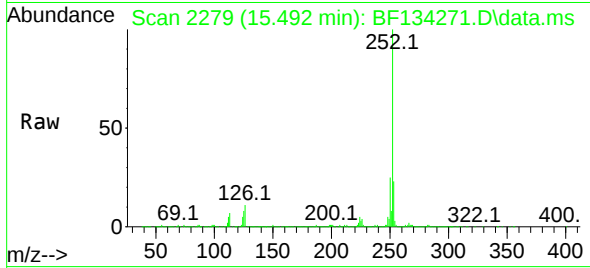
125 9.1 7.1 10.7





#89
Benzo(k)fluoranthene
Concen: 1457.954 ng
RT: 15.492 min Scan# 21
Delta R.T. 0.359 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23

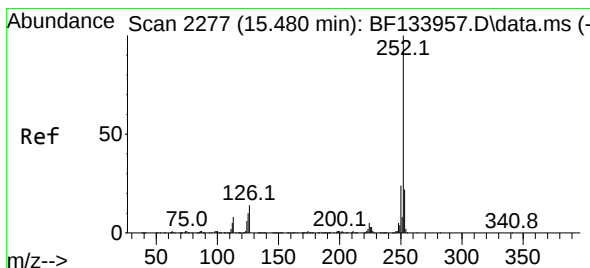
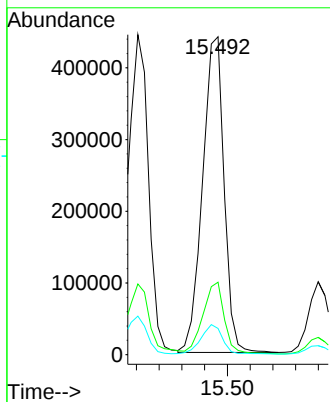
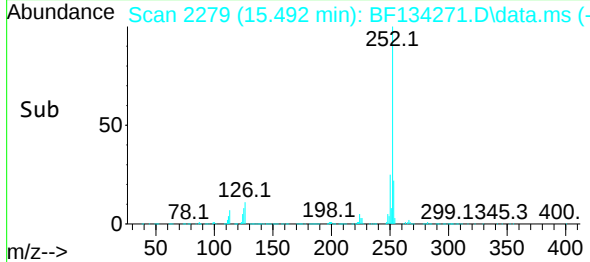
Instrument :
BNA_F
ClientSampleId :
VNJ-225



Tgt Ion:252 Resp: 577828
Ion Ratio Lower Upper
252 100
253 22.8 16.9 25.3
125 8.2 7.4 11.2

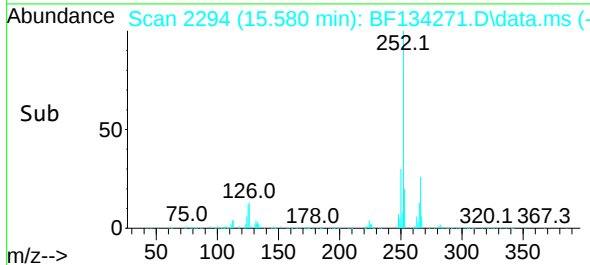
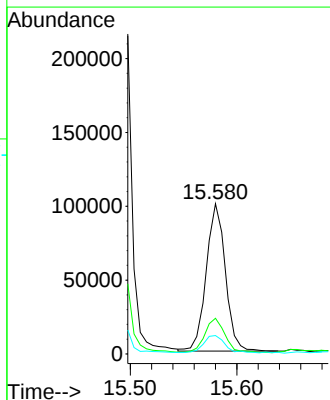
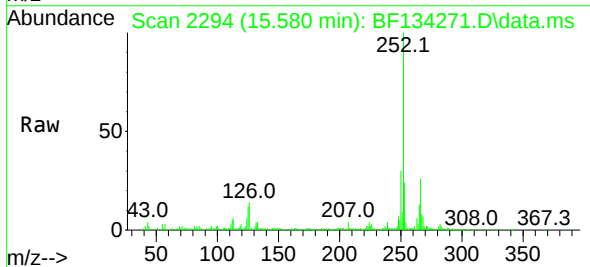
Manual Integrations
APPROVED

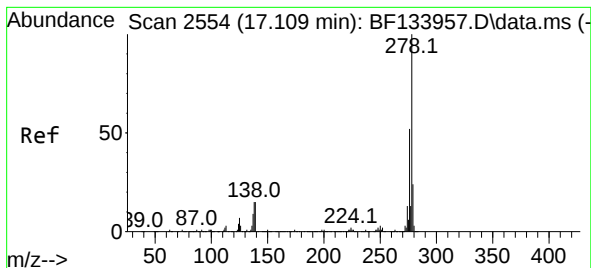
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#90
Benzo(a)pyrene
Concen: 331.504 ng
RT: 15.580 min Scan# 2294
Delta R.T. 0.100 min
Lab File: BF134271.D
Acq: 13 Jul 2023 20:23

Tgt Ion:252 Resp: 124782
Ion Ratio Lower Upper
252 100
253 23.8 17.4 26.0
125 12.3 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 268.559 ng

RT: 17.103 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF134271.D

Acq: 13 Jul 2023 20:23

Instrument :

BNA_F

ClientSampleId :

VNJ-225

Tgt Ion:278 Resp: 100764

Ion Ratio Lower Upper

278 100

139 15.4 12.2 18.4

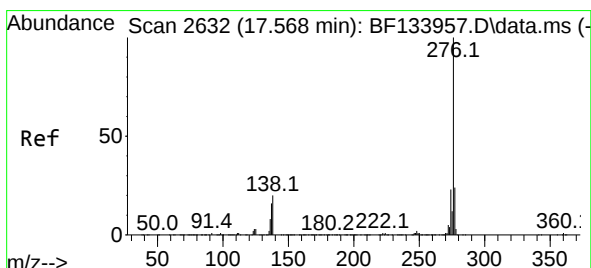
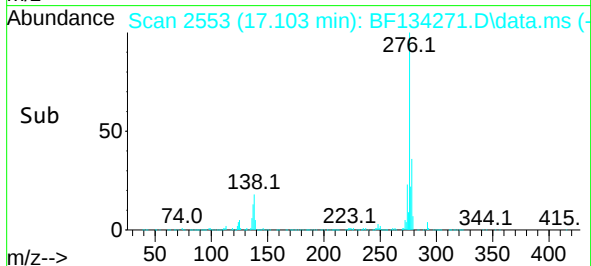
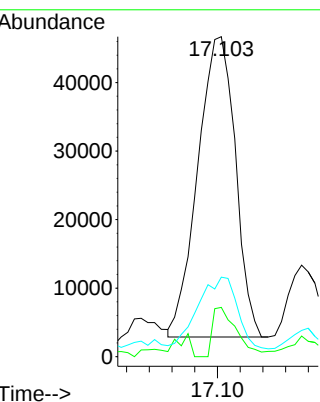
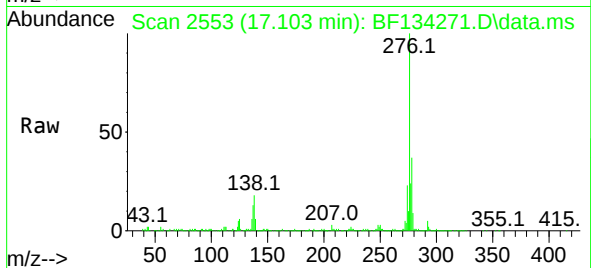
279 24.8 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/14/2023

Supervised By :mohammad ahmed 07/14/2023



#92

Benzo(g,h,i)perylene

Concen: 733.764 ng

RT: 17.562 min Scan# 2631

Delta R.T. -0.006 min

Lab File: BF134271.D

Acq: 13 Jul 2023 20:23

Tgt Ion:276 Resp: 283910

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.6

138 18.0 16.2 24.2

