

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
 Data File : BF135773.D
 Acq On : 16 Oct 2023 13:13
 Operator : CG\JU
 Sample : 04685-05MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PP-20230928-B6A-0-7.5MS

Quant Time: Oct 17 01:29:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/17/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	89217	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	353577	20.000	ng	0.00
39) Acenaphthene-d10	9.780	164	175375	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	325995	20.000	ng	0.00
76) Chrysene-d12	13.945	240	180401	20.000	ng	0.00
86) Perylene-d12	15.415	264	193909	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	575452	103.700	ng	0.00
7) Phenol-d6	6.392	99	684615	98.878	ng	0.00
23) Nitrobenzene-d5	7.310	82	432828	67.327	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	170129	101.095	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	755909	67.391	ng	0.00
79) Terphenyl-d14	12.869	244	792686	81.373	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.481	88	125147	46.756	ng	99
3) Pyridine	3.234	79	289975	44.154	ng	96
4) n-Nitrosodimethylamine	3.199	42	188993	53.513	ng	99
6) Aniline	6.404	93	261042	29.959	ng	# 40
8) 2-Chlorophenol	6.534	128	314810	52.608	ng	97
9) Benzaldehyde	6.298	77	59294	15.046	ng	98
10) Phenol	6.410	94	373649	51.503	ng	84
11) bis(2-Chloroethyl)ether	6.481	93	295038	50.471	ng	100
12) 1,3-Dichlorobenzene	6.675	146	317361	52.313	ng	99
13) 1,4-Dichlorobenzene	6.757	146	323987	52.718	ng	98
14) 1,2-Dichlorobenzene	6.904	146	300273	54.264	ng	99
15) Benzyl Alcohol	6.892	79	253311	55.023	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.016	45	541192	51.190	ng	84
17) 2-Methylphenol	7.010	107	248582	47.986	ng	95
18) Hexachloroethane	7.239	117	121365	54.466	ng	93
19) n-Nitroso-di-n-propyla...	7.157	70	204902	47.862	ng	99
20) 3+4-Methylphenols	7.163	107	317210	49.118	ng	94
22) Acetophenone	7.151	105	414240	51.084	ng	# 98
24) Nitrobenzene	7.328	77	331603	51.395	ng	100
25) Isophorone	7.563	82	616996	50.872	ng	99
26) 2-Nitrophenol	7.645	139	170183	54.048	ng	96
27) 2,4-Dimethylphenol	7.686	122	240412	46.380	ng	99
28) bis(2-Chloroethoxy)met...	7.775	93	370833	51.342	ng	98
29) 2,4-Dichlorophenol	7.892	162	266318	54.825	ng	100
30) 1,2,4-Trichlorobenzene	7.963	180	266168	53.573	ng	99
31) Naphthalene	8.039	128	887269	51.448	ng	99
32) Benzoic acid	7.839	122	180056	51.317	ng	99
33) 4-Chloroaniline	8.104	127	138552	18.391	ng	95
34) Hexachlorobutadiene	8.151	225	160713	54.650	ng	99
35) Caprolactam	8.486	113	90168m	54.298	ng	
36) 4-Chloro-3-methylphenol	8.598	107	285175	52.938	ng	98
37) 2-Methylnaphthalene	8.733	142	552226	48.601	ng	100
38) 1-Methylnaphthalene	8.833	142	532291	50.791	ng	99
40) 1,2,4,5-Tetrachloroben...	8.904	216	265541	52.637	ng	100
41) Hexachlorocyclopentadiene	8.881	237	61981	68.444	ng	96
43) 2,4,6-Trichlorophenol	9.028	196	172119	52.945	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	183329	48.486	ng	97
46) 1,1'-Biphenyl	9.204	154	683163	50.853	ng	99
47) 2-Chloronaphthalene	9.228	162	506988	52.365	ng	99
48) 2-Nitroaniline	9.339	65	199823	52.287	ng	97
49) Acenaphthylene	9.639	152	847639	52.904	ng	99
50) Dimethylphthalate	9.510	163	615026	51.949	ng	99
51) 2,6-Dinitrotoluene	9.580	165	133761	52.540	ng	99
52) Acenaphthene	9.816	154	494386	51.480	ng	99
53) 3-Nitroaniline	9.751	138	129249	41.414	ng	97
54) 2,4-Dinitrophenol	9.875	184	104972	98.775	ng	# 88
55) Dibenzofuran	9.986	168	730387	50.405	ng	99
56) 4-Nitrophenol	9.939	139	144041	99.308	ng	90
57) 2,4-Dinitrotoluene	9.998	165	169995	52.485	ng	95
58) Fluorene	10.333	166	586135	51.669	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	147398	51.584	ng	100
60) Diethylphthalate	10.210	149	630935	52.203	ng	100
61) 4-Chlorophenyl-phenyle...	10.322	204	279529	50.984	ng	97
62) 4-Nitroaniline	10.375	138	131483	45.789	ng	95
63) Azobenzene	10.486	77	584584	49.783	ng	98
65) 4,6-Dinitro-2-methylph...	10.410	198	76842	46.837	ng	99
66) n-Nitrosodiphenylamine	10.451	169	523155	52.651	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	172492	52.711	ng	97
68) Hexachlorobenzene	10.886	284	187140	56.170	ng	97
69) Atrazine	10.980	200	168680	62.413	ng	99
70) Pentachlorophenol	11.092	266	138204	105.175	ng	96
71) Phenanthrene	11.304	178	821462	52.602	ng	100
72) Anthracene	11.357	178	833773	51.523	ng	99
73) Carbazole	11.516	167	774763	51.335	ng	100
74) Di-n-butylphthalate	11.839	149	993189	53.599	ng	99
75) Fluoranthene	12.498	202	864911	49.901	ng	99
77) Benzidine	12.633	184	126282	32.080	ng	97
78) Pyrene	12.727	202	887991	61.943	ng	100
80) Butylbenzylphthalate	13.351	149	380770	60.444	ng	95
81) Benzo(a)anthracene	13.933	228	638875	53.916	ng	99
82) 3,3'-Dichlorobenzidine	13.892	252	148035	37.669	ng	99
83) Chrysene	13.968	228	593094	51.676	ng	99
84) Bis(2-ethylhexyl)phtha...	13.916	149	511273	59.882	ng	# 98
85) Di-n-octyl phthalate	14.533	149	766399	56.607	ng	99
87) Indeno(1,2,3-cd)pyrene	16.933	276	662068	62.662	ng	98
88) Benzo(b)fluoranthene	14.992	252	572913	52.791	ng	97
89) Benzo(k)fluoranthene	15.015	252	512202	48.614	ng	99
90) Benzo(a)pyrene	15.357	252	497848	48.785	ng	100
91) Dibenzo(a,h)anthracene	16.933	278	543042	62.696	ng	99
92) Benzo(g,h,i)perylene	17.380	276	527763	59.318	ng	99

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

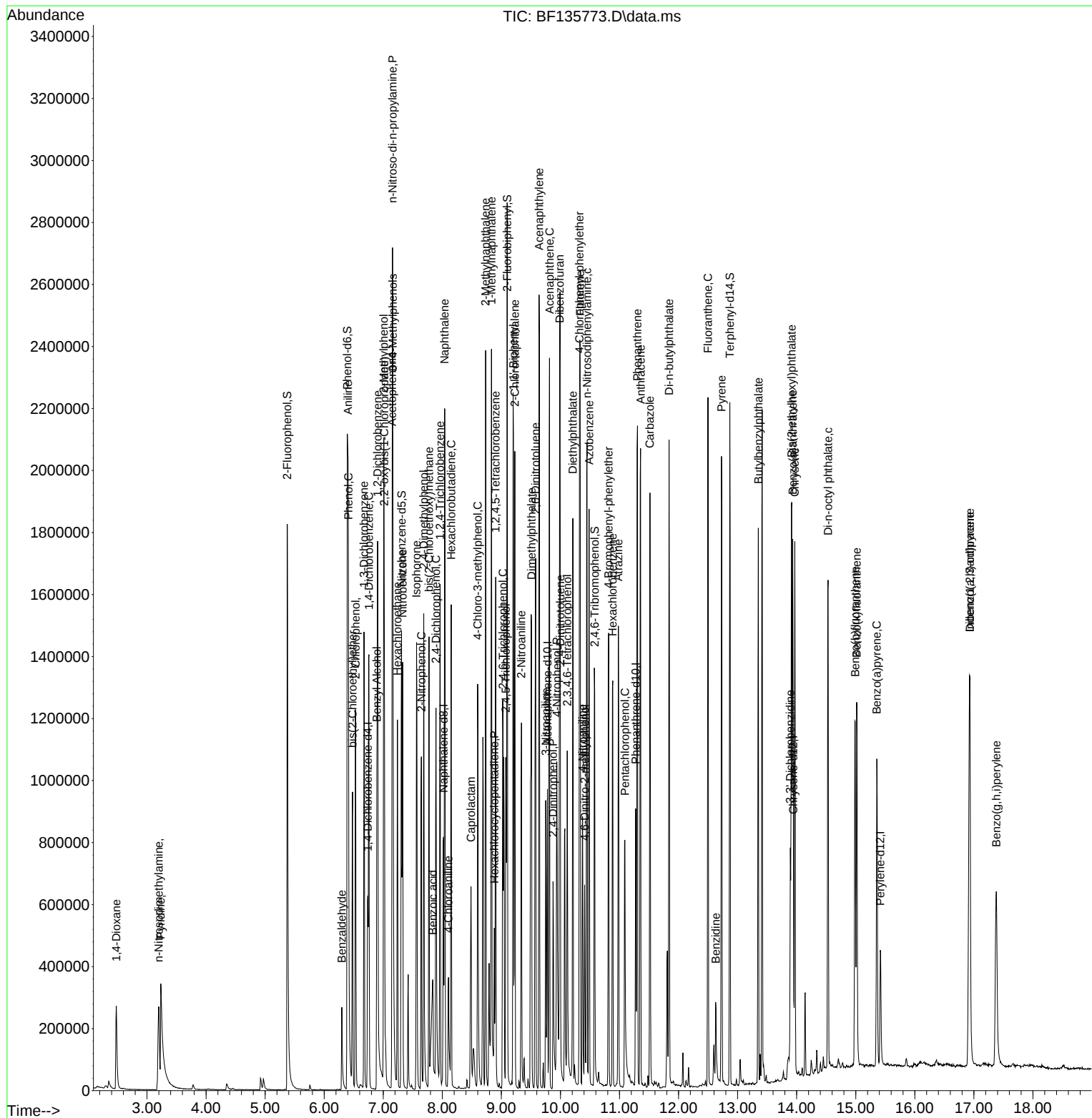
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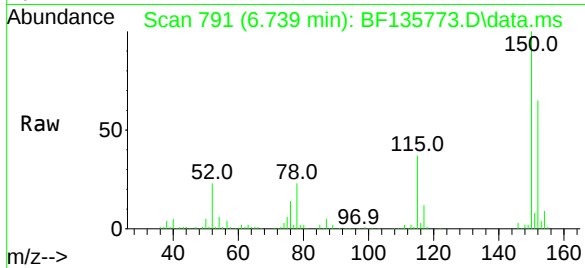
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.007 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

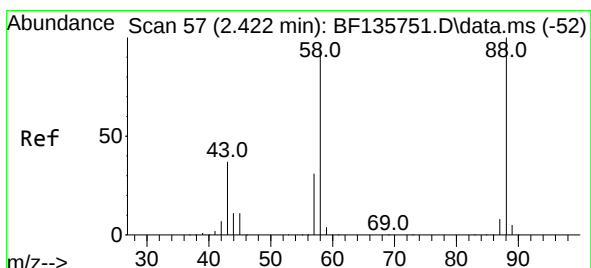
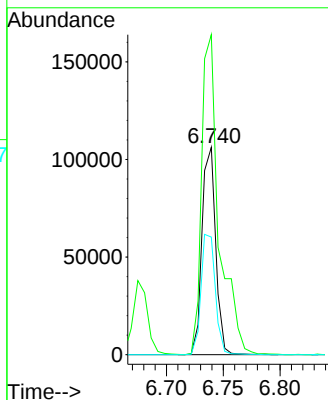
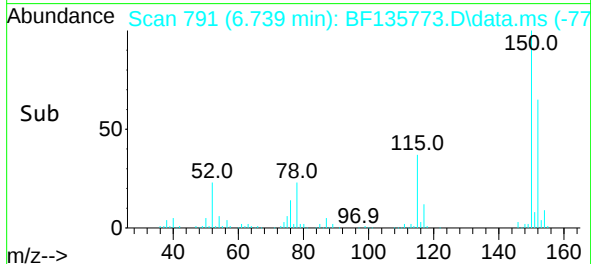
Instrument : BNA_F
ClientSampleId : PP-20230928-B6A-0-7.5MS



Tgt Ion:152 Resp: 8921
Ion Ratio Lower Upper
152 100
150 154.3 124.5 186.7
115 56.8 49.0 73.4

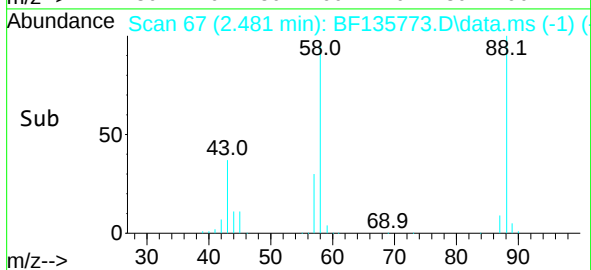
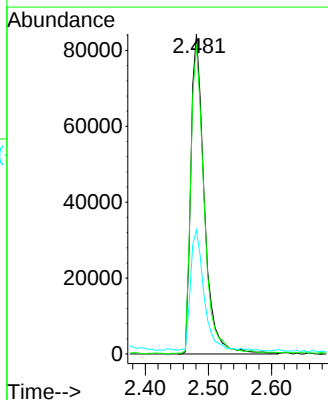
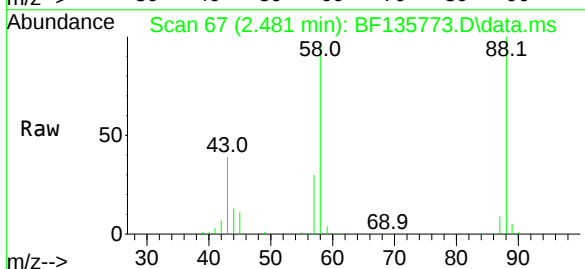
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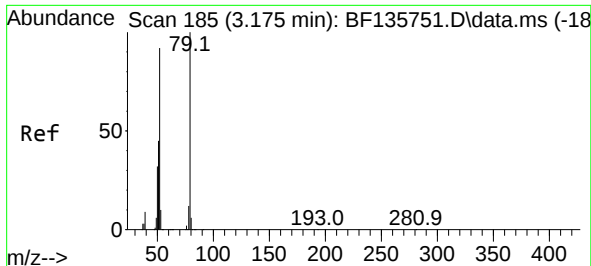
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#2
1,4-Dioxane
Concen: 46.756 ng
RT: 2.481 min Scan# 67
Delta R.T. 0.041 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

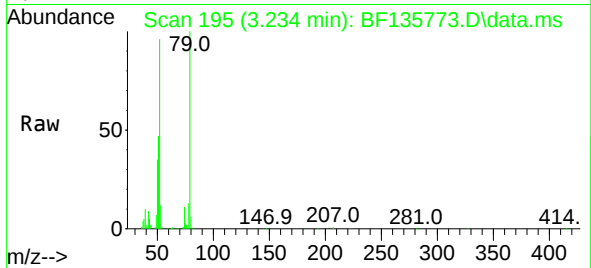
Tgt Ion: 88 Resp: 125147
Ion Ratio Lower Upper
88 100
58 96.0 76.1 114.1
43 36.8 29.8 44.8





#3
Pyridine
Concen: 44.154 ng
RT: 3.234 min Scan# 189
Delta R.T. 0.047 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

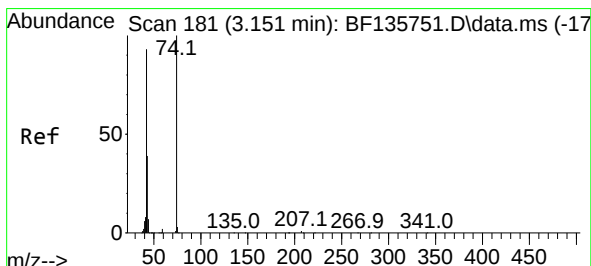
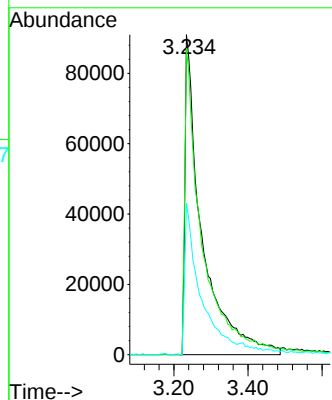
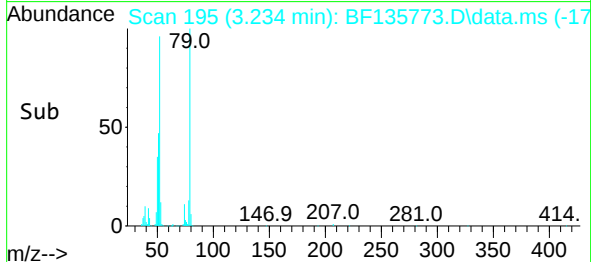
Instrument :
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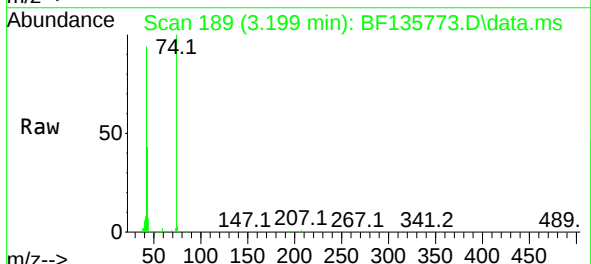
Tgt Ion: 79 Resp: 289979
Ion Ratio Lower Upper
79 100
52 95.7 73.4 110.2
51 47.3 36.5 54.7

Manual Integrations
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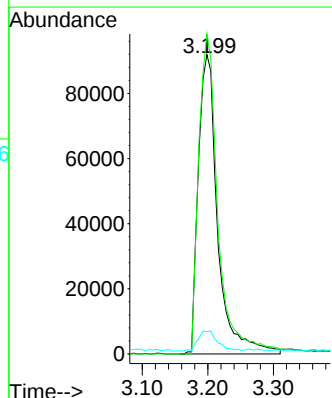
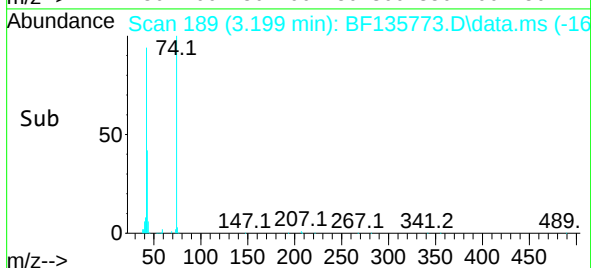
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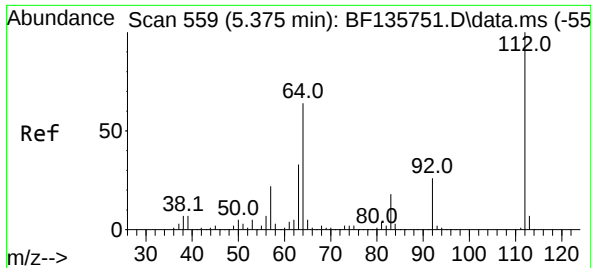


#4
n-Nitrosodimethylamine
Concen: 53.513 ng
RT: 3.199 min Scan# 189
Delta R.T. 0.029 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13



Tgt Ion: 42 Resp: 188993
Ion Ratio Lower Upper
42 100
74 106.9 86.5 129.7
44 7.5 5.9 8.9





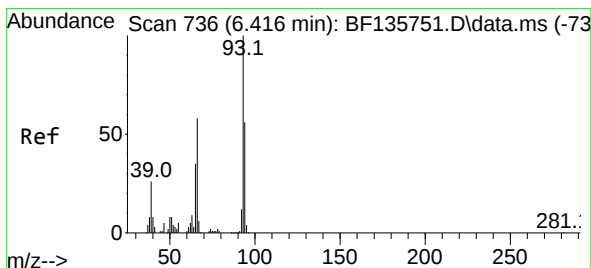
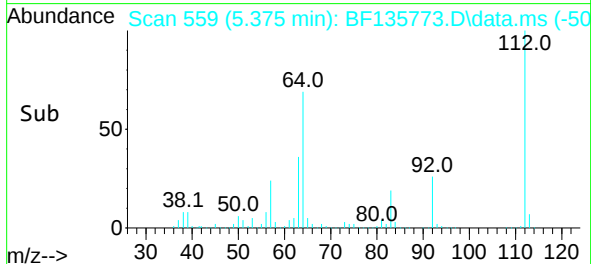
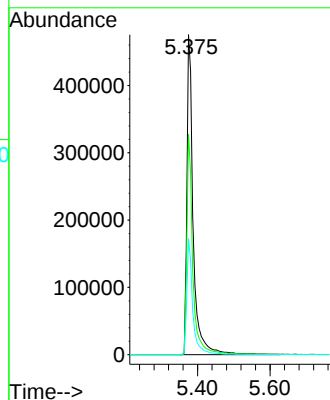
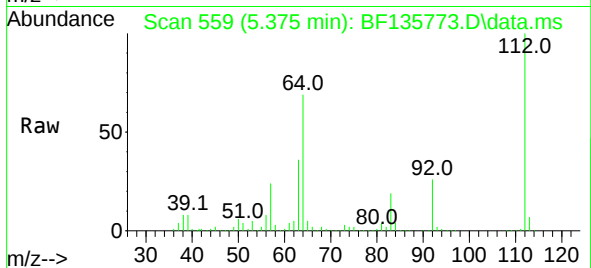
#5
2-Fluorophenol
Concen: 103.700 ng
RT: 5.375 min Scan# 511
Delta R.T. -0.000 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

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ClientSampleId :
PP-20230928-B6A-0-7.5MS

Tgt Ion:112 Resp: 575452
Ion Ratio Lower Upper
112 100
64 68.8 51.2 76.8
63 36.3 26.1 39.1

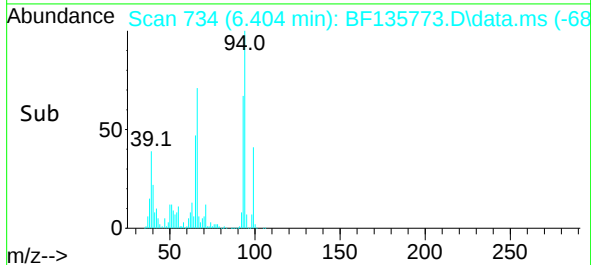
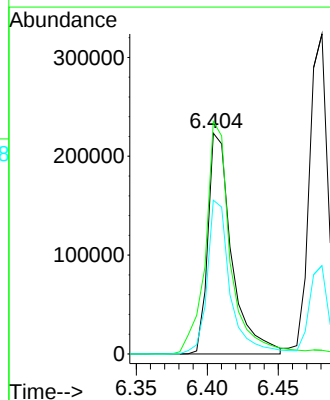
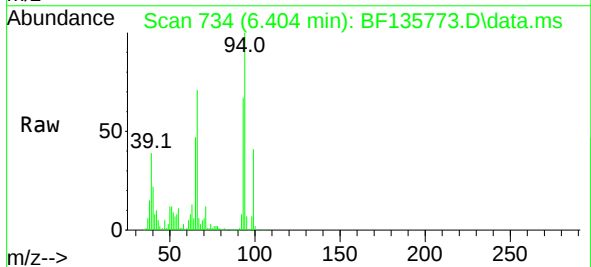
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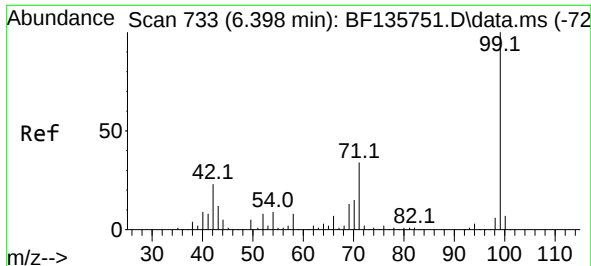
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#6
Aniline
Concen: 29.959 ng
RT: 6.404 min Scan# 734
Delta R.T. -0.012 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

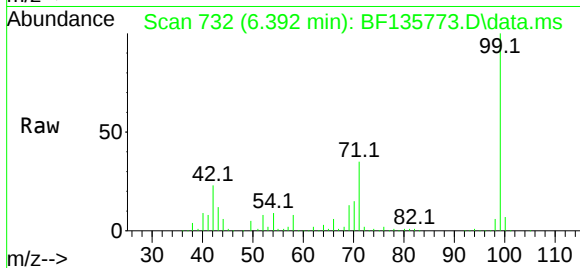
Tgt Ion: 93 Resp: 261042
Ion Ratio Lower Upper
93 100
66 105.3 47.6 71.4#
65 69.6 28.5 42.7#





#7
Phenol-d6
Concen: 98.878 ng
RT: 6.392 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

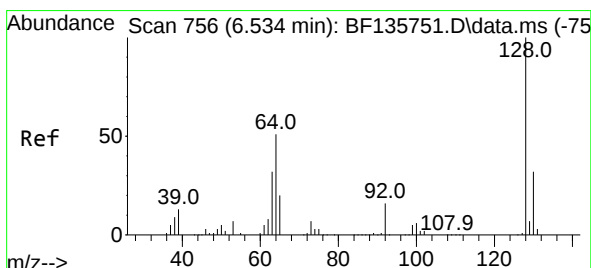
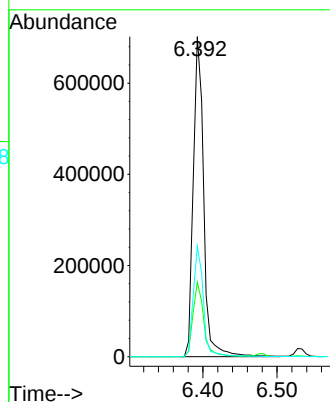
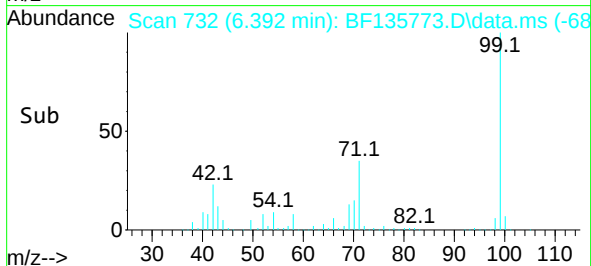
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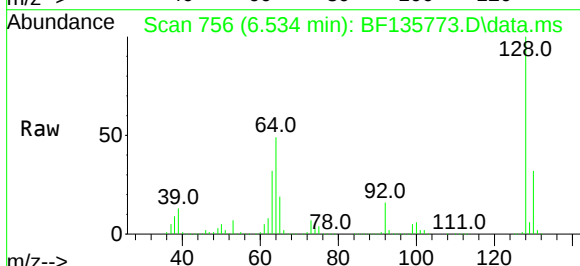
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Ion Ratio Lower Upper
99 100
42 23.3 18.4 27.6
71 34.6 27.2 40.8

Manual Integrations
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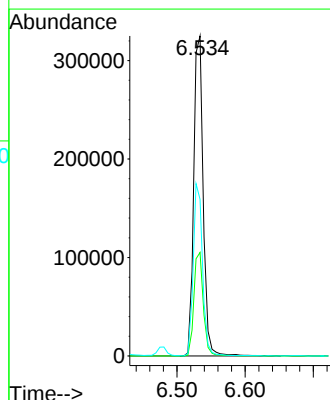
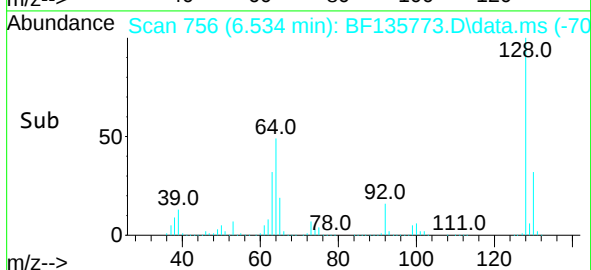
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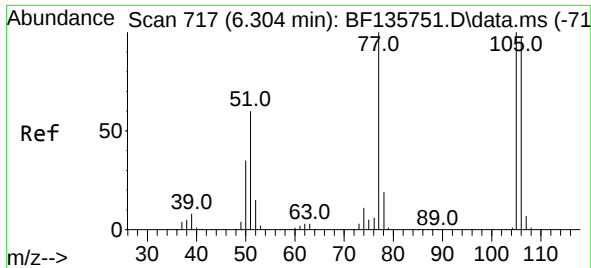


#8
2-Chlorophenol
Concen: 52.608 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF135773.D
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Tgt Ion:128 Resp: 314810
Ion Ratio Lower Upper
128 100
130 32.4 12.4 52.4
64 49.0 32.3 72.3





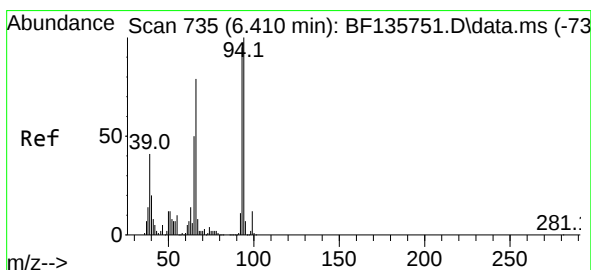
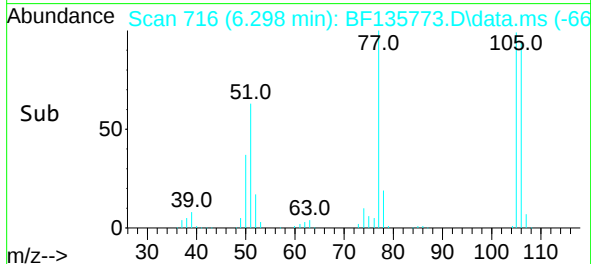
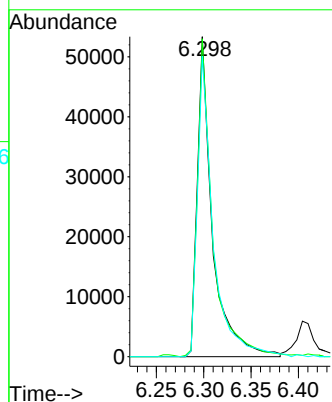
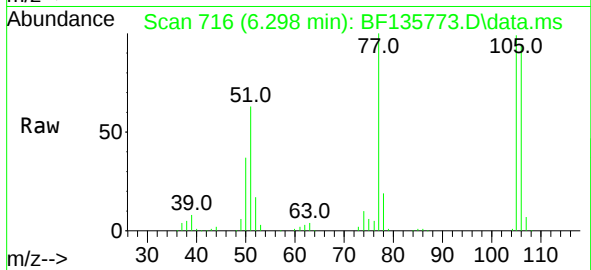
#9
Benzaldehyde
Concen: 15.046 ng
RT: 6.298 min Scan# 717
Delta R.T. -0.006 min
Lab File: BF135773.D
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ClientSampleId : PP-20230928-B6A-0-7.5MS

Tgt Ion: 77 Resp: 59294
Ion Ratio Lower Upper
77 100
105 99.4 79.9 119.9
106 93.9 77.1 117.1

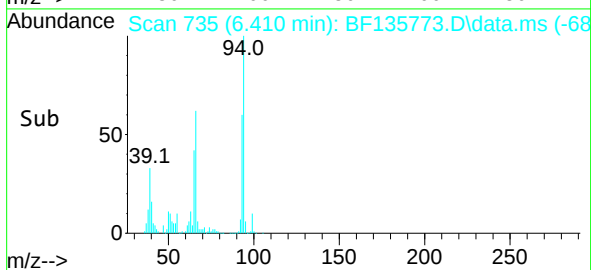
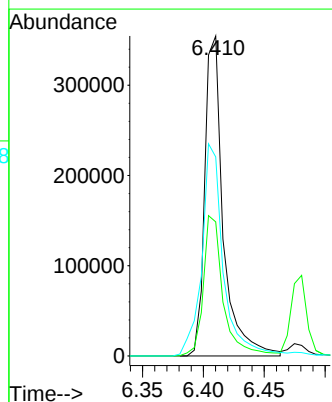
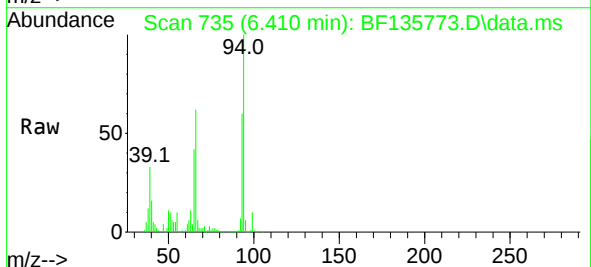
Manual Integrations
APPROVED

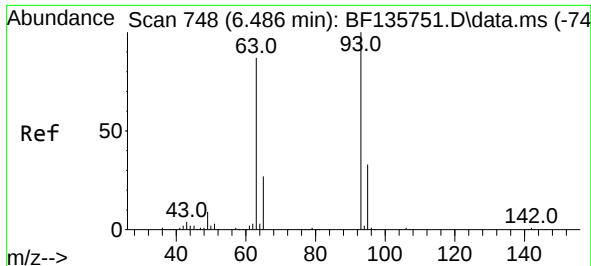
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#10
Phenol
Concen: 51.503 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

Tgt Ion: 94 Resp: 373649
Ion Ratio Lower Upper
94 100
65 41.9 30.3 70.3
66 62.2 59.1 99.1





#11

bis(2-Chloroethyl)ether

Concen: 50.471 ng

RT: 6.481 min Scan# 748

Delta R.T. -0.006 min

Lab File: BF135773.D

Acq: 16 Oct 2023 13:13

Instrument :

BNA_F

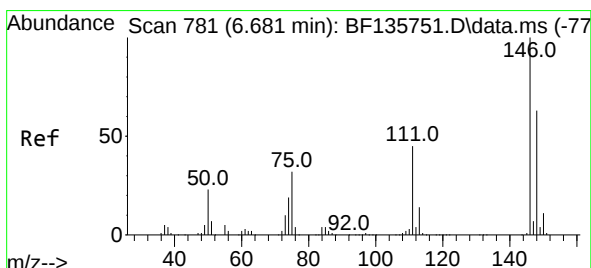
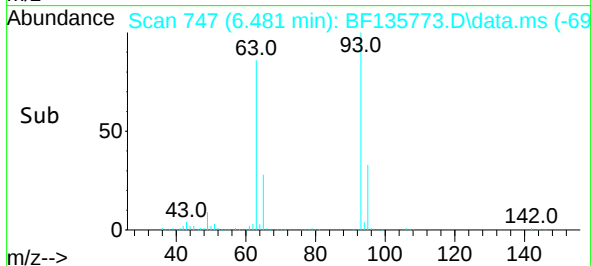
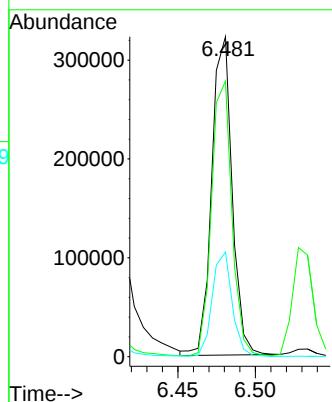
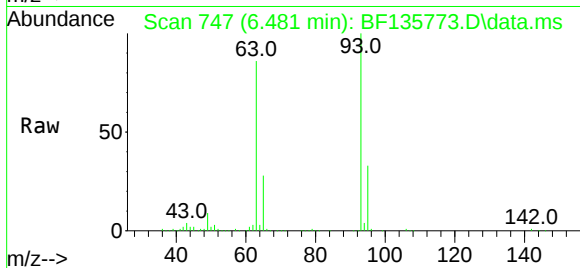
ClientSampleId :

PP-20230928-B6A-0-7.5MS

Tgt Ion: 93 Resp: 295038
 Ion Ratio Lower Upper
 93 100
 63 86.1 66.3 106.3
 95 32.7 12.8 52.8

Manual Integrations
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Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/17/2023



#12

1,3-Dichlorobenzene

Concen: 52.313 ng

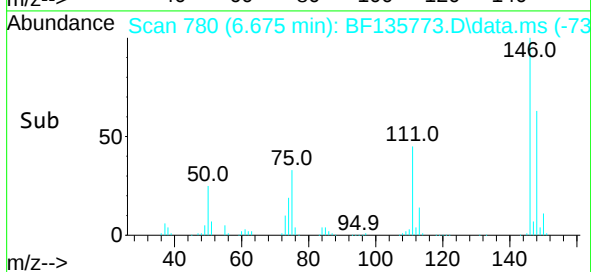
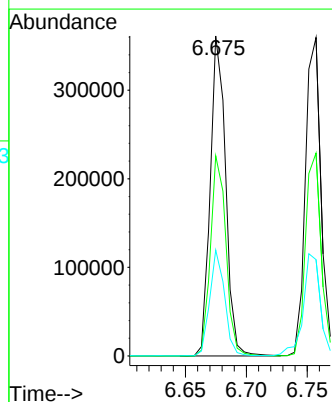
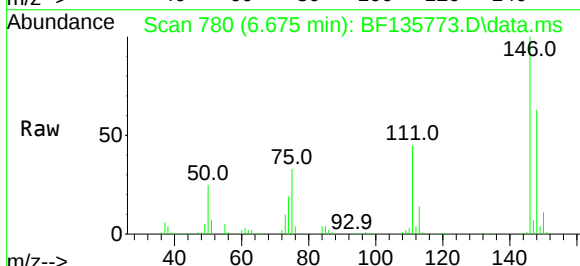
RT: 6.675 min Scan# 780

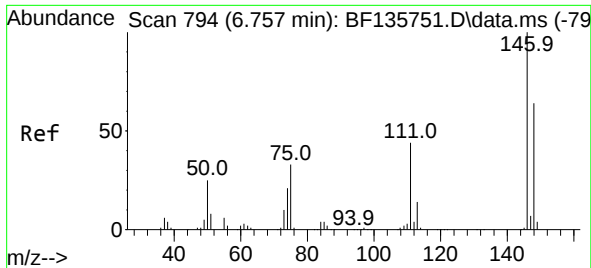
Delta R.T. -0.006 min

Lab File: BF135773.D

Acq: 16 Oct 2023 13:13

Tgt Ion:146 Resp: 317361
 Ion Ratio Lower Upper
 146 100
 148 62.6 50.2 75.4
 75 33.1 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 52.718 ng

RT: 6.757 min Scan# 794

Delta R.T. -0.000 min

Lab File: BF135773.D

Acq: 16 Oct 2023 13:13

Instrument :

BNA_F

ClientSampleId :

PP-20230928-B6A-0-7.5MS

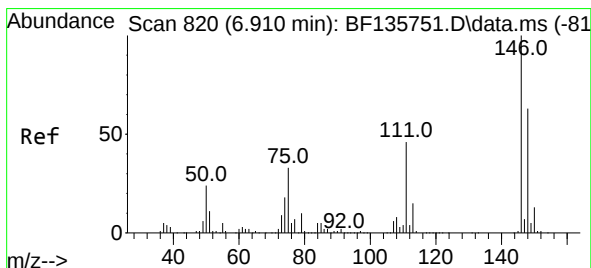
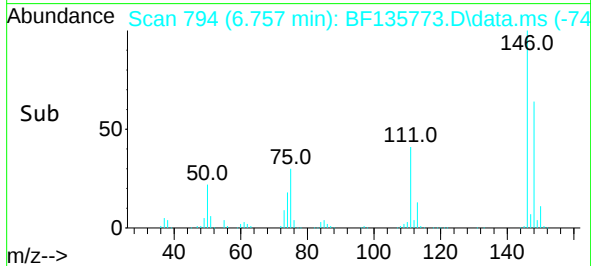
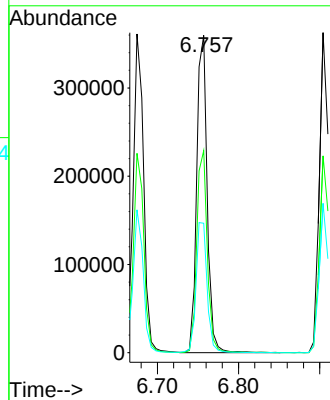
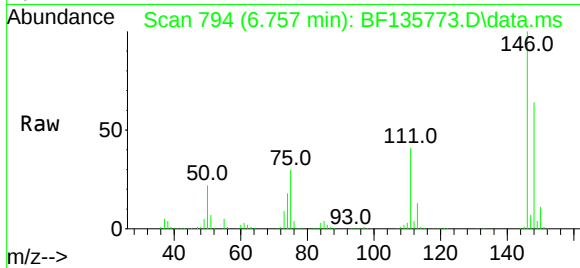
Tgt Ion:146 Resp: 32398
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.0 76.6
 111 40.8 35.2 52.8

Manual Integrations

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Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#14

1,2-Dichlorobenzene

Concen: 54.264 ng

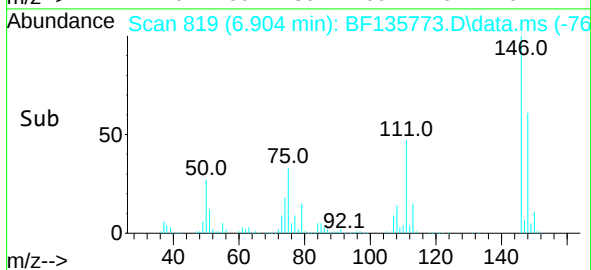
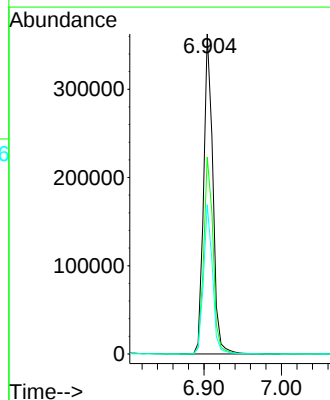
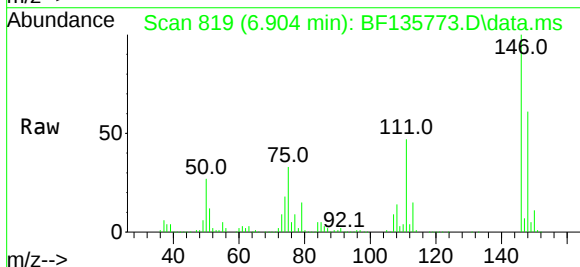
RT: 6.904 min Scan# 819

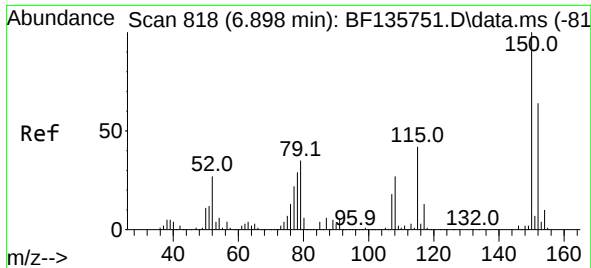
Delta R.T. -0.006 min

Lab File: BF135773.D

Acq: 16 Oct 2023 13:13

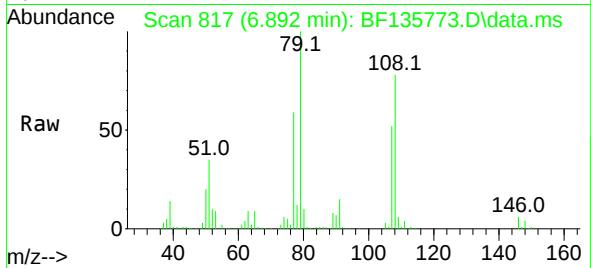
Tgt Ion:146 Resp: 300273
 Ion Ratio Lower Upper
 146 100
 148 61.5 50.2 75.2
 111 46.6 37.1 55.7





#15
Benzyl Alcohol
Concen: 55.023 ng
RT: 6.892 min Scan# 818
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

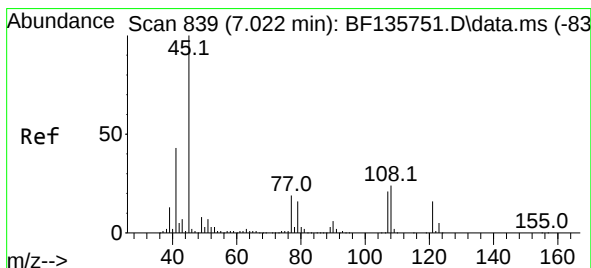
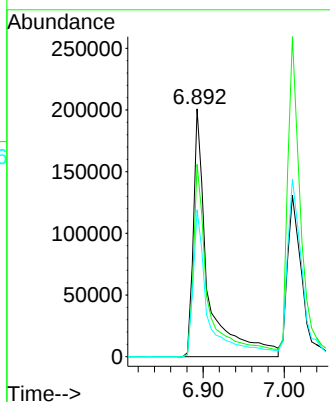
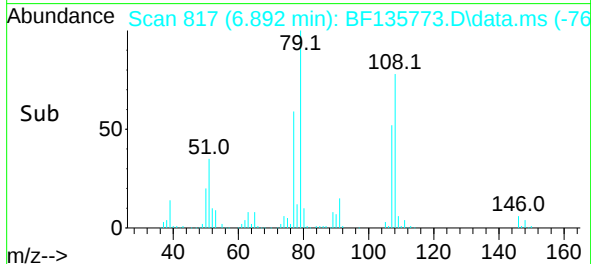
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MS



Tgt Ion: 79 Resp: 25331
Ion Ratio Lower Upper
79 100
108 77.6 62.0 93.0
77 59.3 50.5 75.7

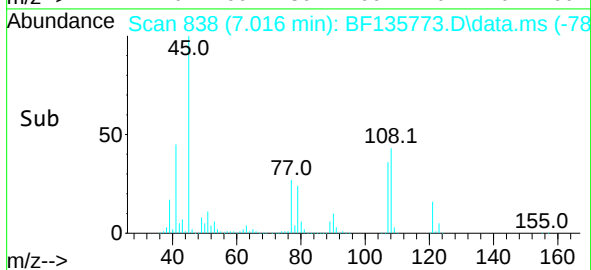
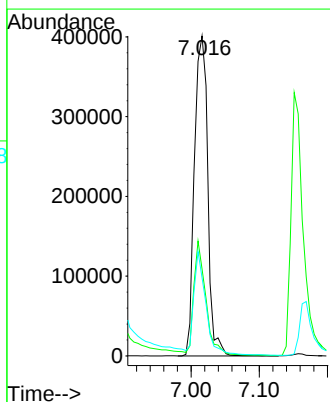
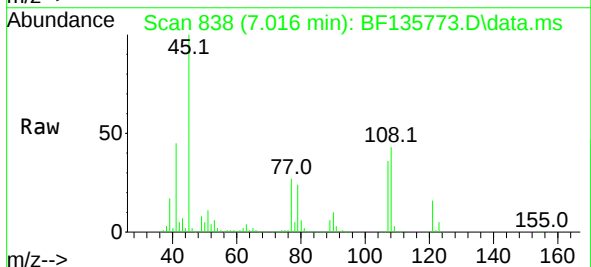
Manual Integrations
APPROVED

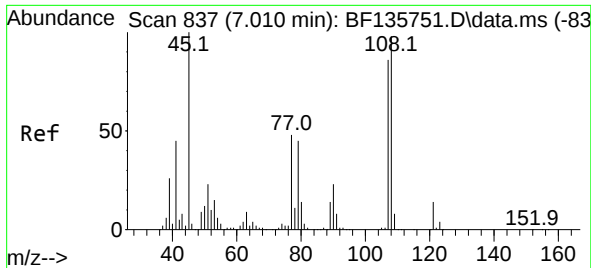
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.190 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

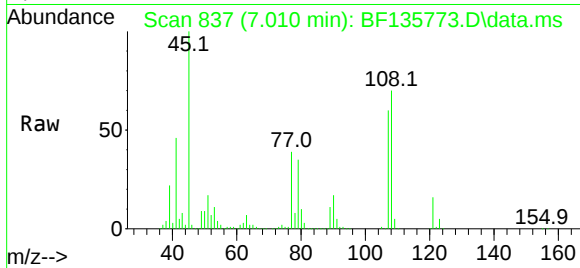
Tgt Ion: 45 Resp: 541192
Ion Ratio Lower Upper
45 100
77 27.2 0.0 39.8
79 24.5 0.0 37.6





#17
2-Methylphenol
Concen: 47.986 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

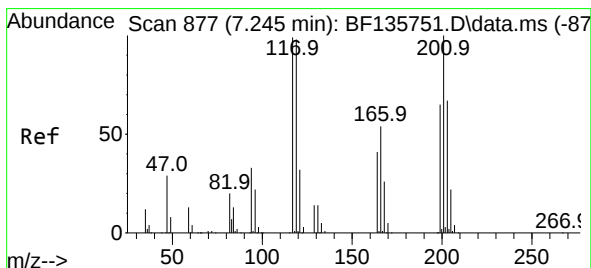
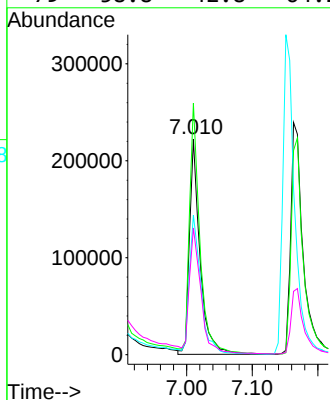
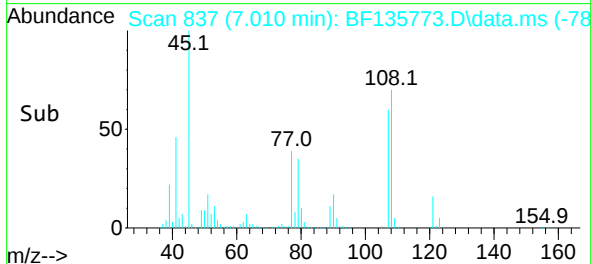
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MS



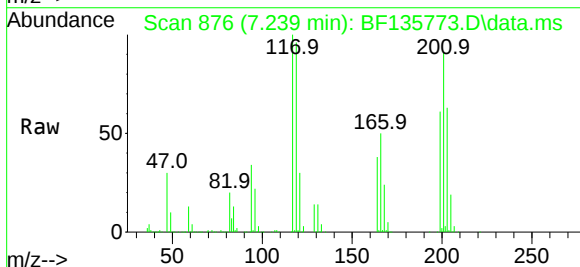
Tgt Ion:107 Resp: 24858
Ion Ratio Lower Upper
107 100
108 116.6 91.8 137.6
77 64.7 45.4 68.0
79 58.8 42.8 64.2

Manual Integrations
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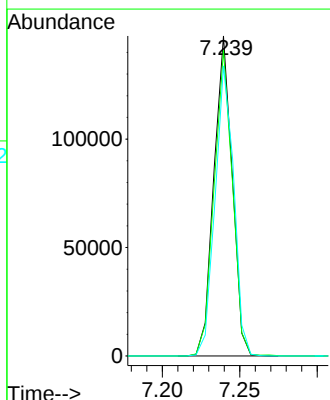
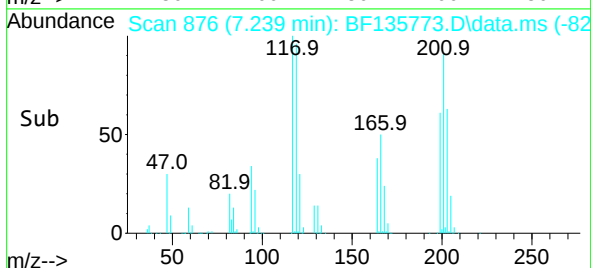
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

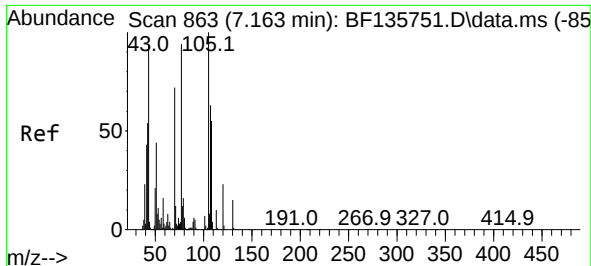


#18
Hexachloroethane
Concen: 54.466 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13



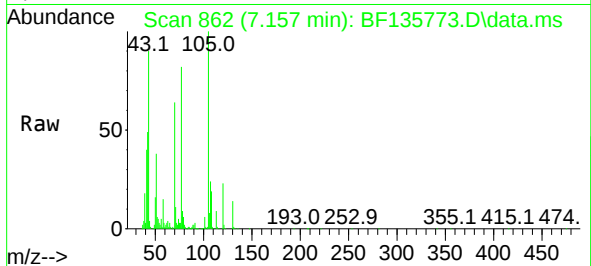
Tgt Ion:117 Resp: 121365
Ion Ratio Lower Upper
117 100
119 95.6 79.5 119.3
201 90.6 80.9 121.3





#19
n-Nitroso-di-n-propylamine
Concen: 47.862 ng
RT: 7.157 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

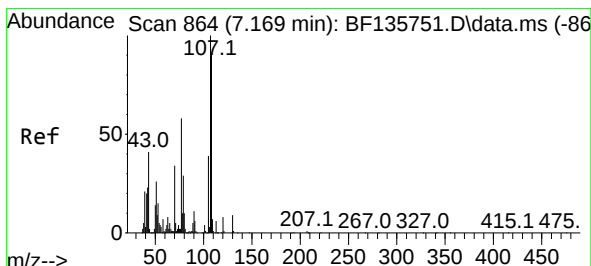
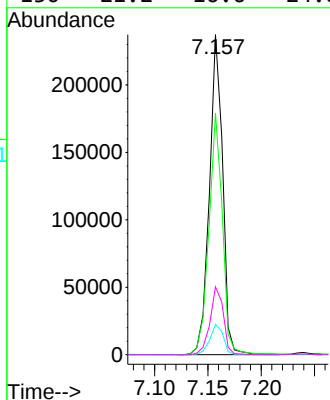
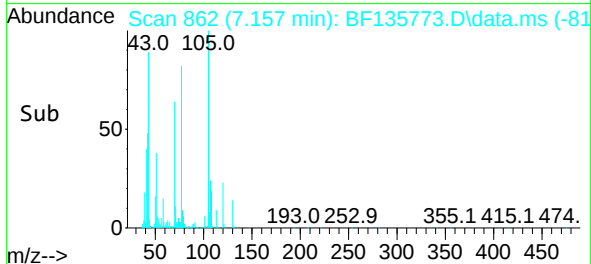
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MS



Tgt Ion: 70 Resp: 20490
Ion Ratio Lower Upper
70 100
42 75.5 59.8 89.6
101 9.5 7.4 11.2
130 21.2 16.6 24.8

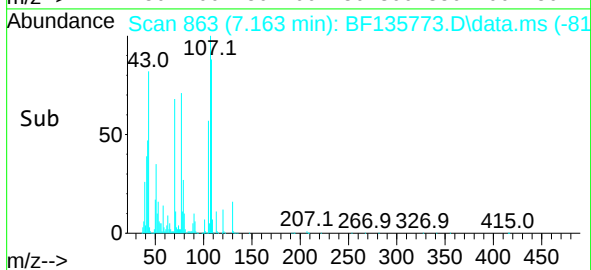
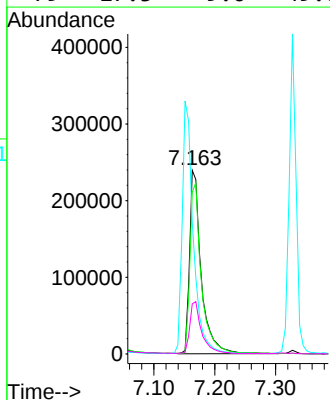
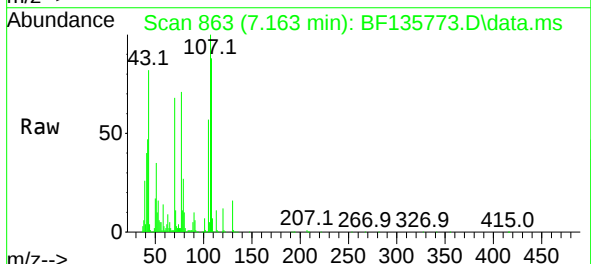
Manual Integrations
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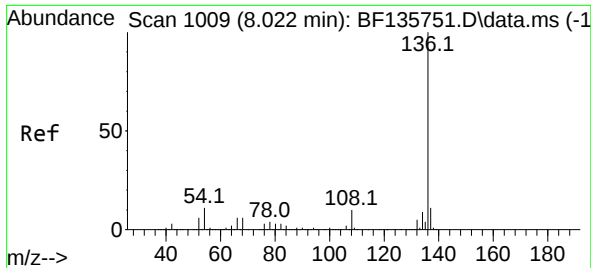
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#20
3+4-Methylphenols
Concen: 49.118 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

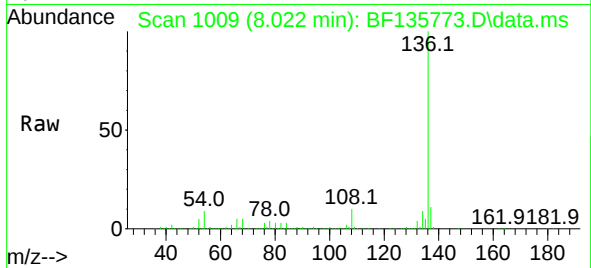
Tgt Ion:107 Resp: 317210
Ion Ratio Lower Upper
107 100
108 88.0 71.1 111.1
77 71.3 42.0 82.0
79 27.3 9.6 49.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

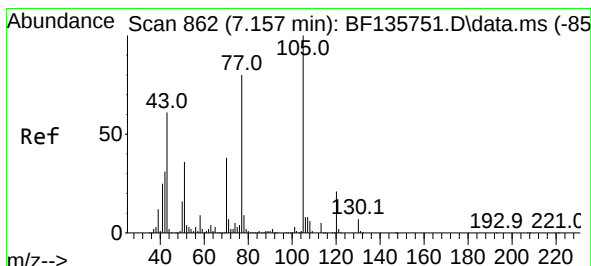
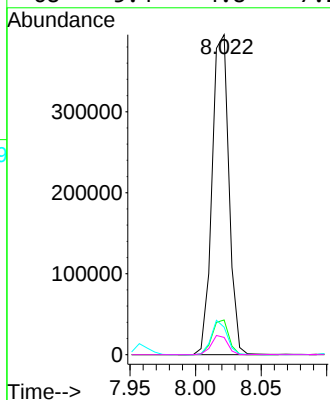
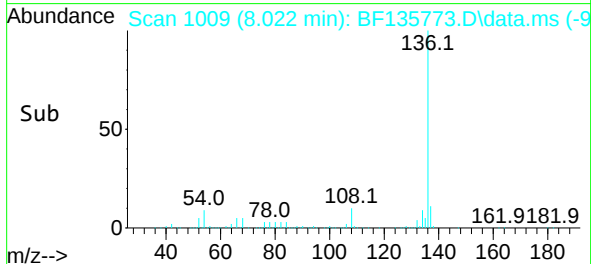
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MS



Tgt Ion:136 Resp: 35357
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 8.6 8.5 12.7
68 5.4 4.8 7.2

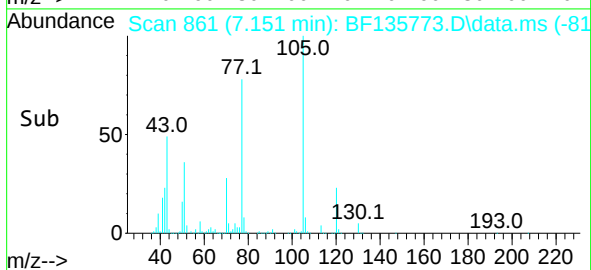
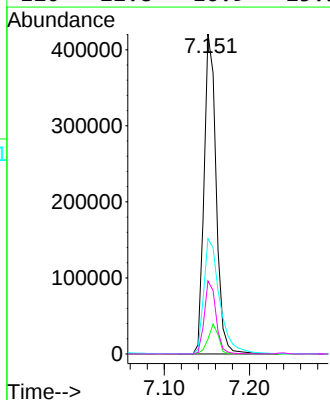
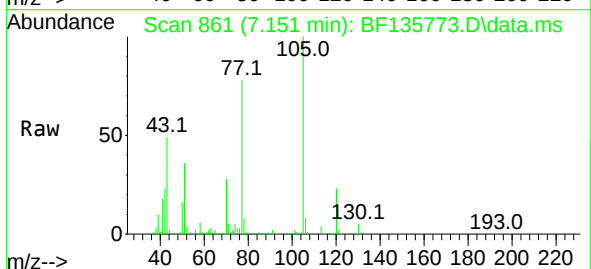
Manual Integrations
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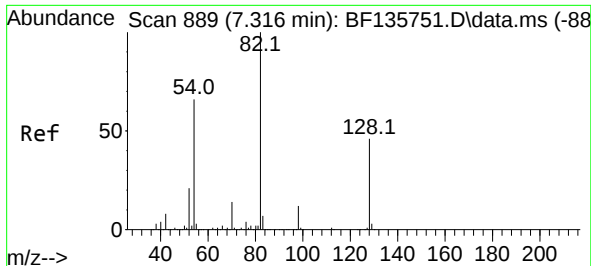
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#22
Acetophenone
Concen: 51.084 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

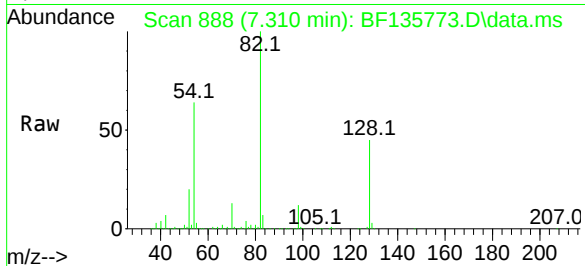
Tgt Ion:105 Resp: 414240
Ion Ratio Lower Upper
105 100
71 4.6 5.4 8.0#
51 36.1 29.4 44.0
120 22.8 16.9 25.3





#23
Nitrobenzene-d5
Concen: 67.327 ng
RT: 7.310 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

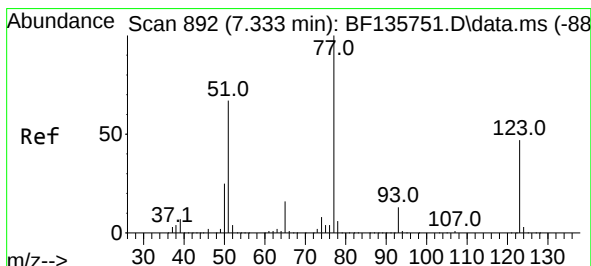
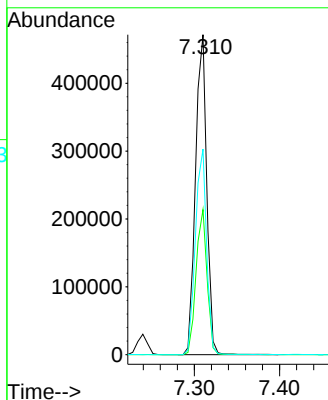
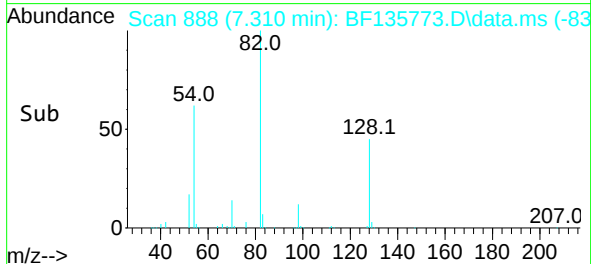
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MS



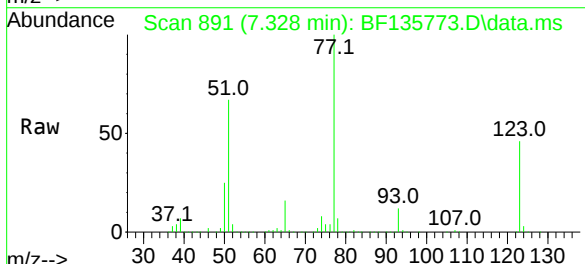
Tgt Ion: 82 Resp: 432828
Ion Ratio Lower Upper
82 100
128 45.4 37.0 55.6
54 64.2 52.8 79.2

Manual Integrations
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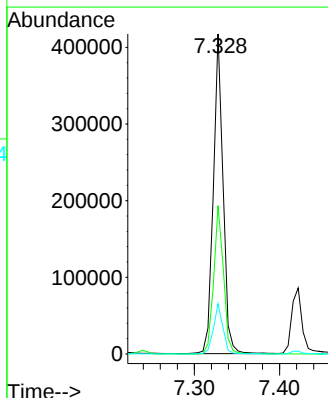
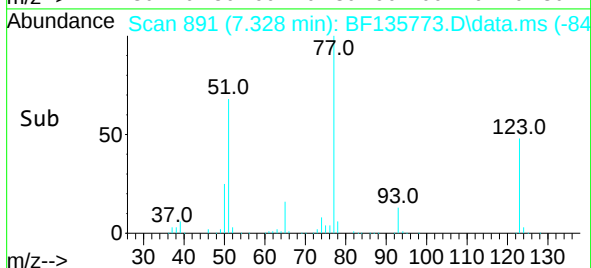
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

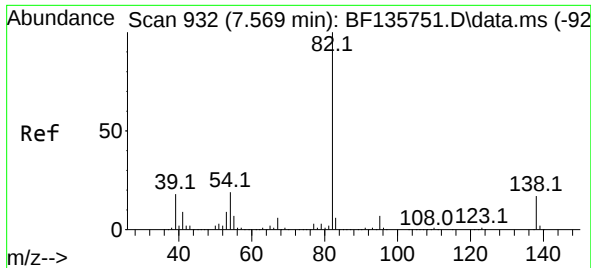


#24
Nitrobenzene
Concen: 51.395 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13



Tgt Ion: 77 Resp: 331603
Ion Ratio Lower Upper
77 100
123 46.3 37.3 55.9
65 15.7 12.6 18.8





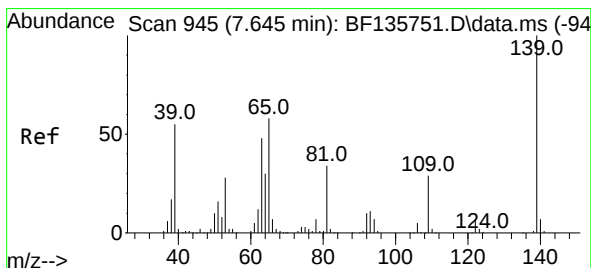
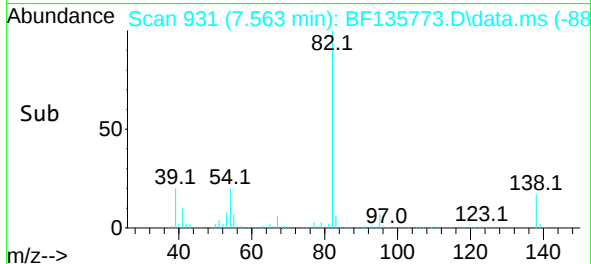
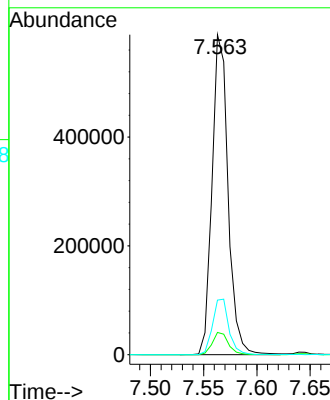
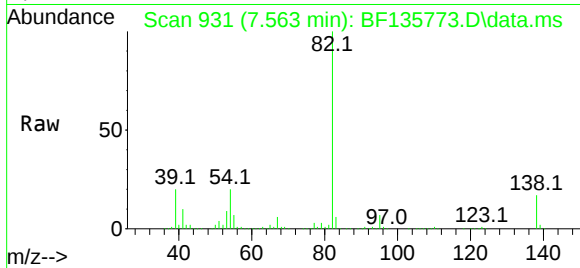
#25
Isophorone
Concen: 50.872 ng
RT: 7.563 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MS

Tgt Ion: 82 Resp: 616990
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 17.0 13.9 20.9

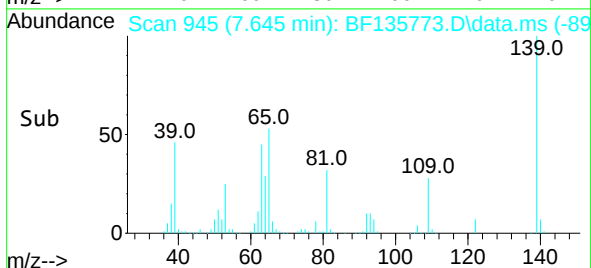
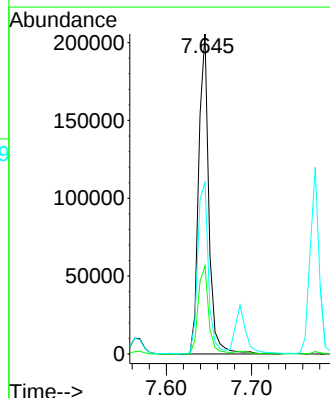
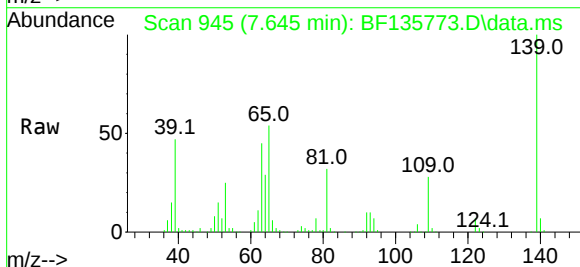
Manual Integrations
APPROVED

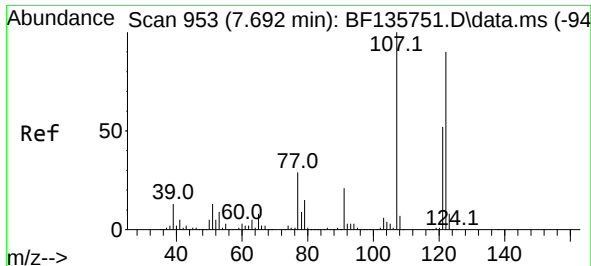
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#26
2-Nitrophenol
Concen: 54.048 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

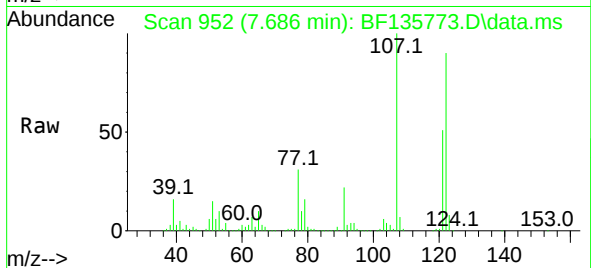
Tgt Ion:139 Resp: 170183
Ion Ratio Lower Upper
139 100
109 27.6 23.0 34.4
65 53.6 46.0 69.0





#27
2,4-Dimethylphenol
Concen: 46.380 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

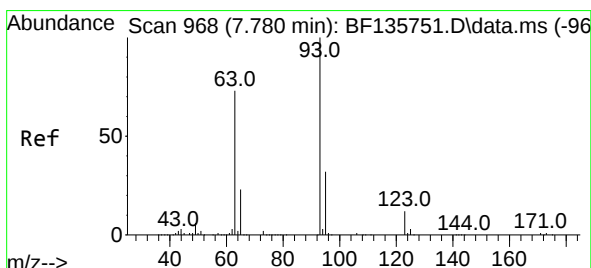
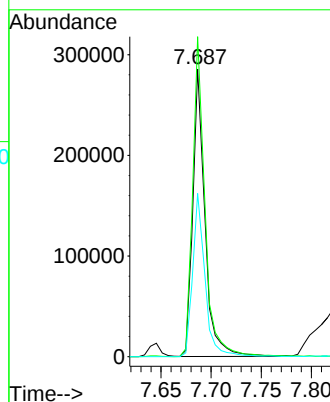
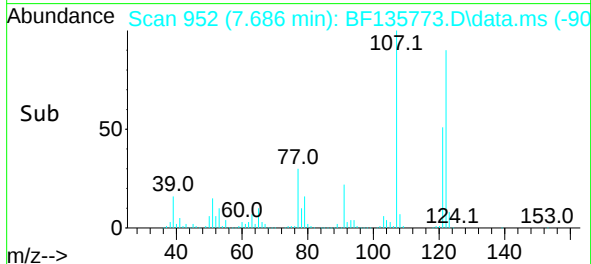
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MS



Tgt Ion:122 Resp: 240412
Ion Ratio Lower Upper
122 100
107 111.2 88.2 132.4
121 56.7 45.5 68.3

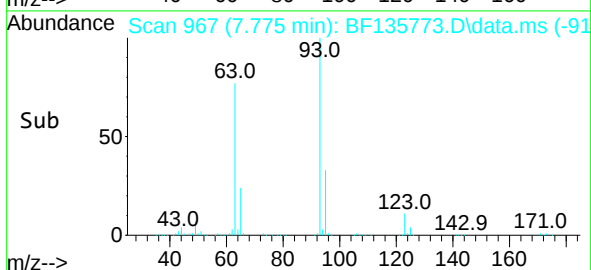
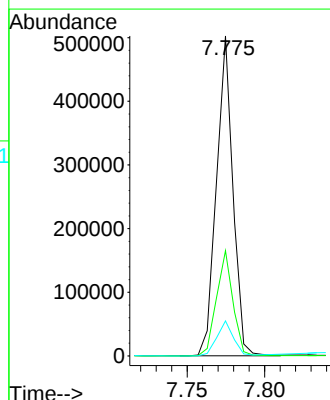
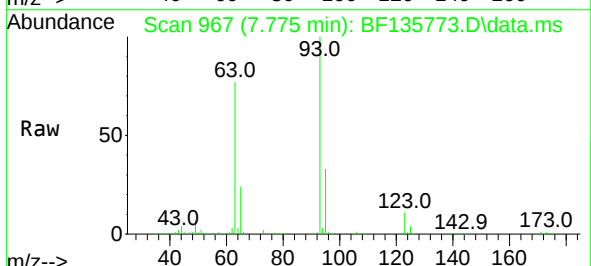
Manual Integrations
APPROVED

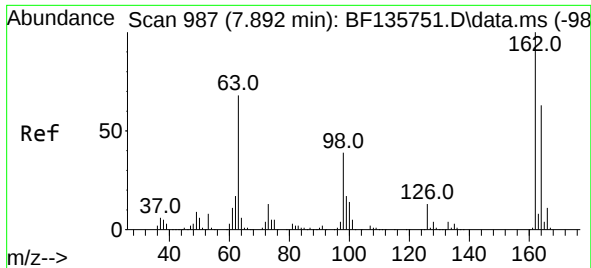
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#28
bis(2-Chloroethoxy)methane
Concen: 51.342 ng
RT: 7.775 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

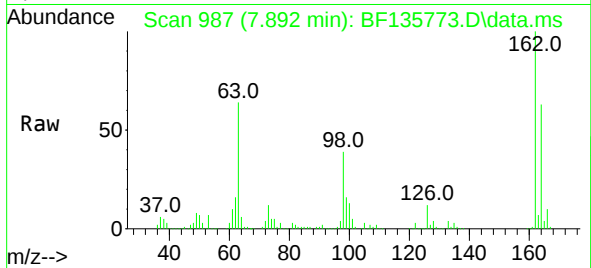
Tgt Ion: 93 Resp: 370833
Ion Ratio Lower Upper
93 100
95 32.9 25.7 38.5
123 10.9 9.4 14.0





#29
2,4-Dichlorophenol
Concen: 54.825 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.000 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

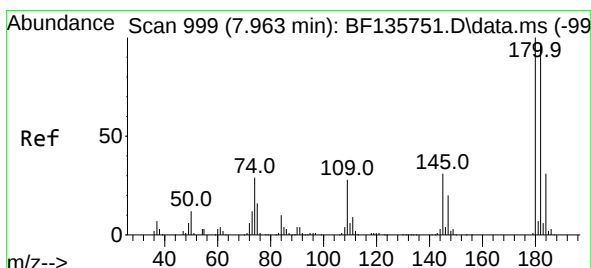
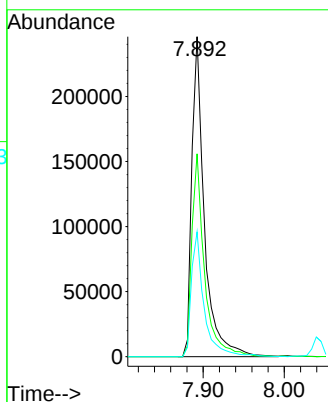
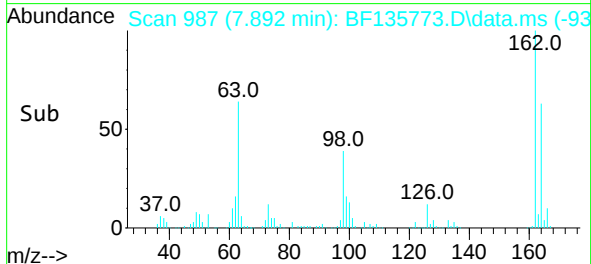
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MS



Tgt Ion:162 Resp: 266318
Ion Ratio Lower Upper
162 100
164 63.4 43.4 83.4
98 39.0 19.0 59.0

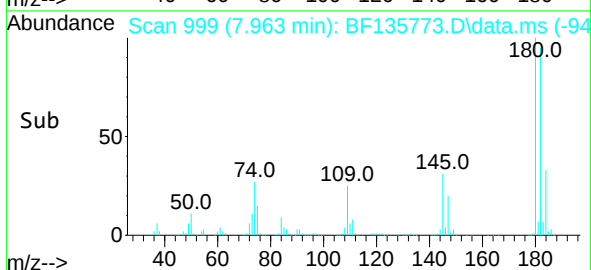
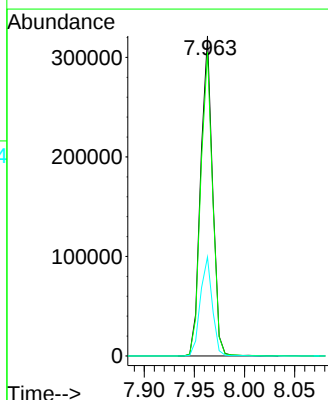
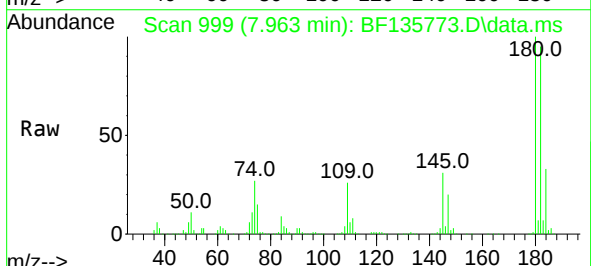
Manual Integrations
APPROVED

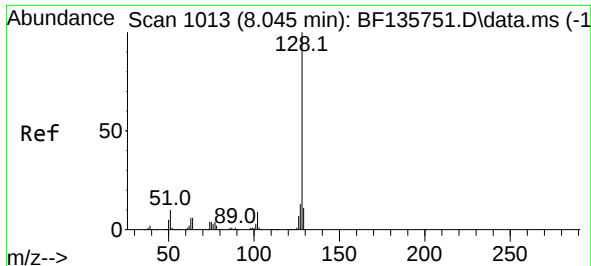
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#30
1,2,4-Trichlorobenzene
Concen: 53.573 ng
RT: 7.963 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

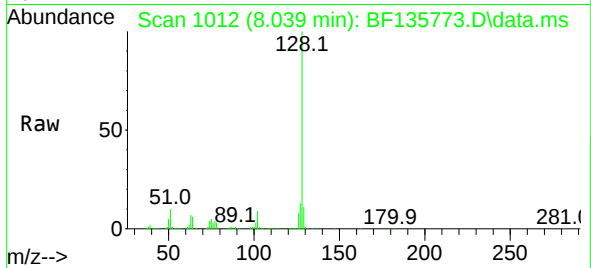
Tgt Ion:180 Resp: 266168
Ion Ratio Lower Upper
180 100
182 95.0 76.4 114.6
145 30.9 25.0 37.6





#31
Naphthalene
Concen: 51.448 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

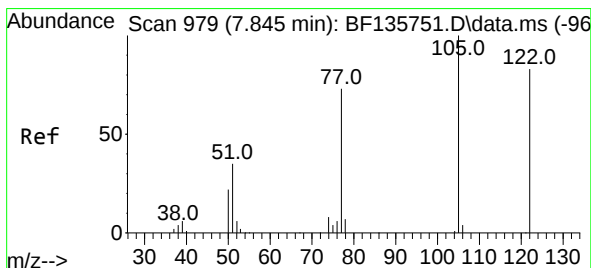
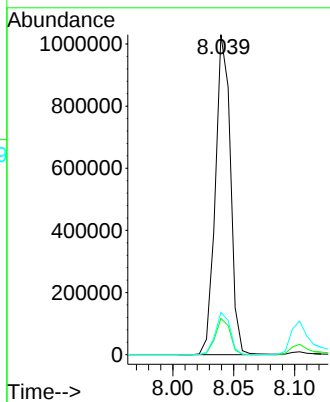
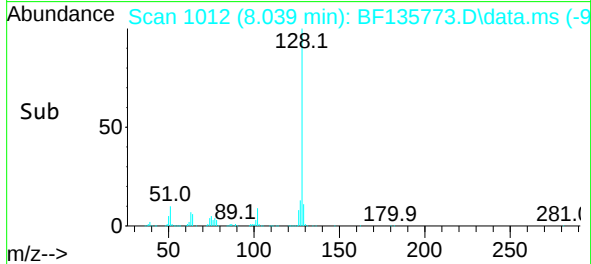
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MS



Tgt Ion:128 Resp: 887269
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.2 10.2 15.4

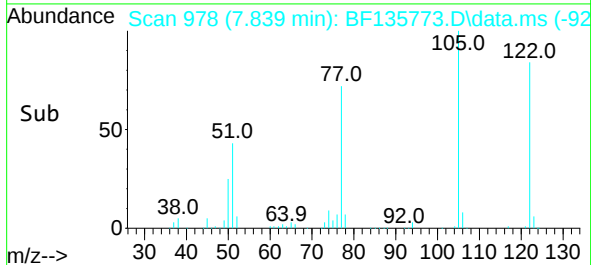
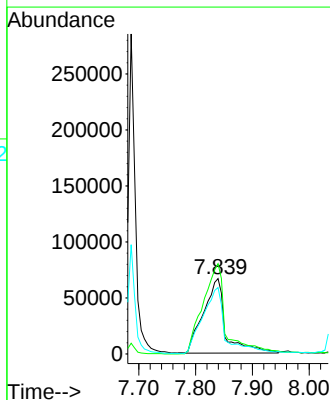
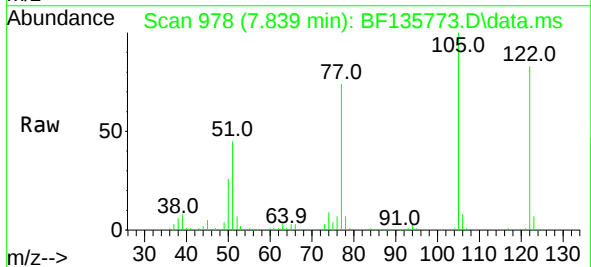
Manual Integrations
APPROVED

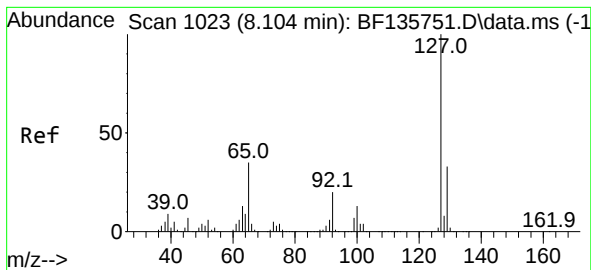
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#32
Benzoic acid
Concen: 51.317 ng
RT: 7.839 min Scan# 978
Delta R.T. -0.012 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

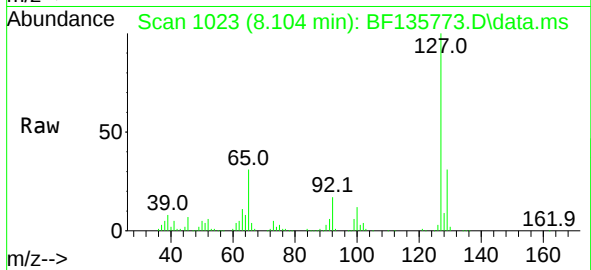
Tgt Ion:122 Resp: 180056
Ion Ratio Lower Upper
122 100
105 119.9 98.7 138.7
77 88.1 67.8 107.8





#33
4-Chloroaniline
Concen: 18.391 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

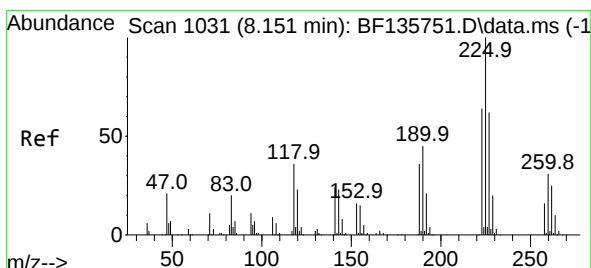
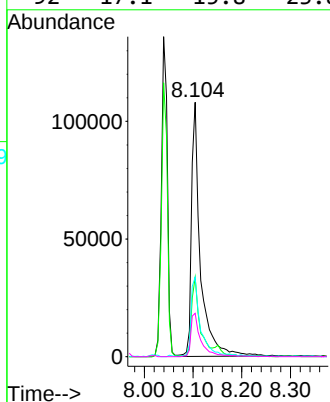
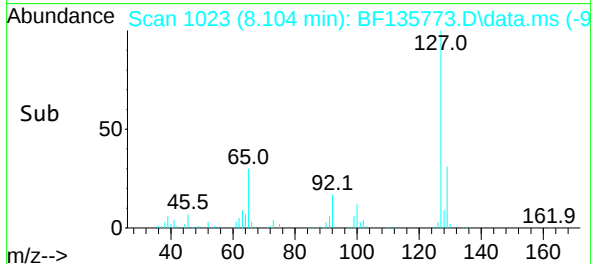
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MS



Tgt Ion:127 Resp: 138552
Ion Ratio Lower Upper
127 100
129 31.1 26.5 39.7
65 31.2 27.9 41.9
92 17.1 15.8 23.8

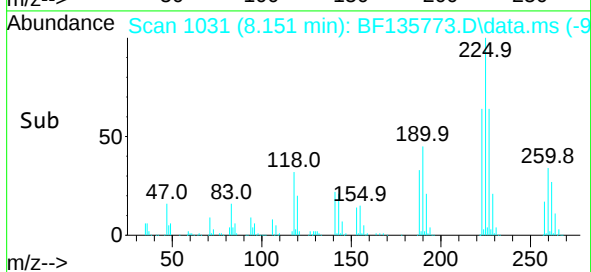
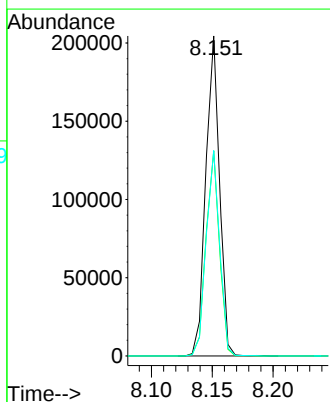
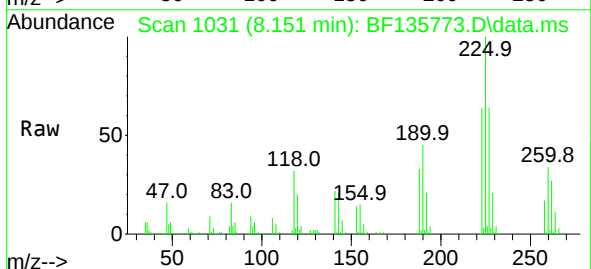
Manual Integrations
APPROVED

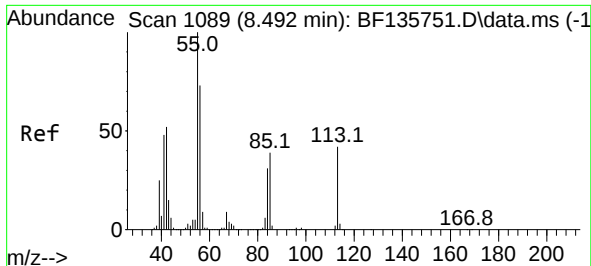
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#34
Hexachlorobutadiene
Concen: 54.650 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

Tgt Ion:225 Resp: 160713
Ion Ratio Lower Upper
225 100
223 64.1 51.1 76.7
227 64.2 49.7 74.5





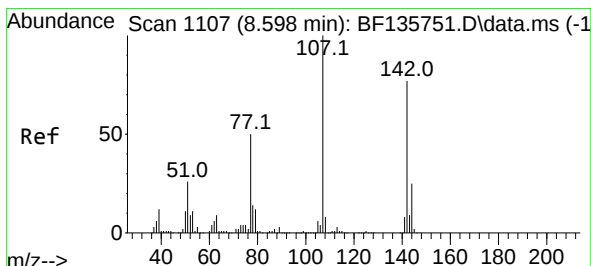
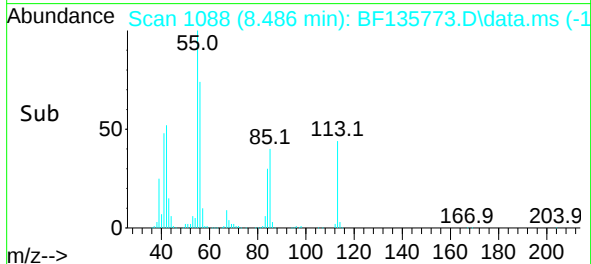
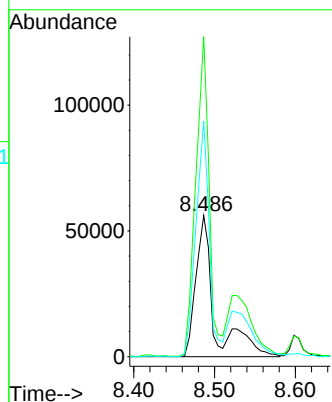
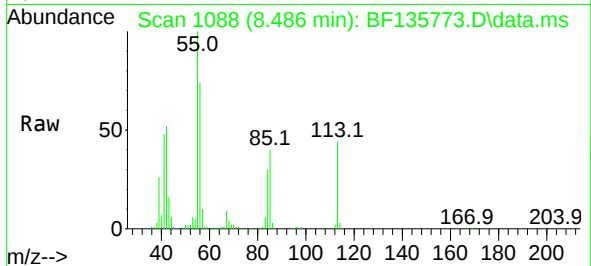
#35
Caprolactam
Concen: 54.298 ng m
RT: 8.486 min Scan# 1088
Delta R.T. -0.012 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MS

Tgt Ion:113 Resp: 90168
Ion Ratio Lower Upper
113 100
55 226.6 217.4 257.4
56 166.8 153.1 193.1

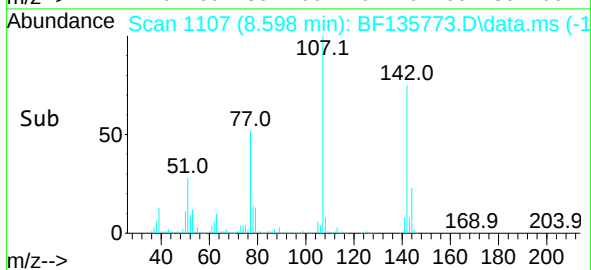
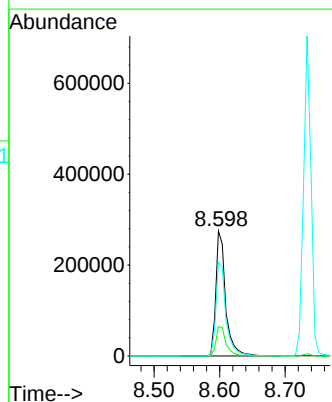
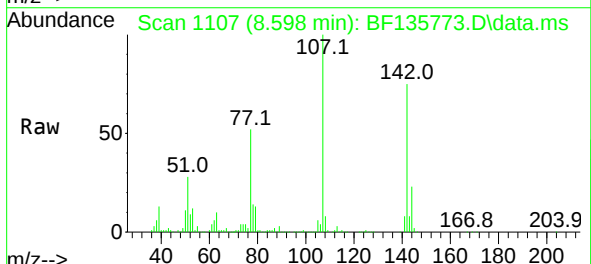
Manual Integrations
APPROVED

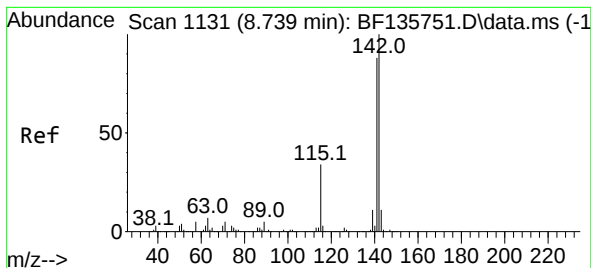
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#36
4-Chloro-3-methylphenol
Concen: 52.938 ng
RT: 8.598 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

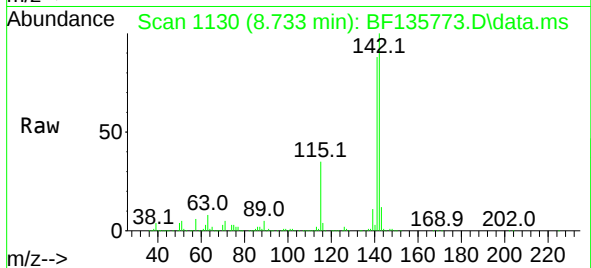
Tgt Ion:107 Resp: 285175
Ion Ratio Lower Upper
107 100
144 23.4 19.8 29.8
142 74.6 61.3 91.9





#37
2-Methylnaphthalene
Concen: 48.601 ng
RT: 8.733 min Scan# 1131
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

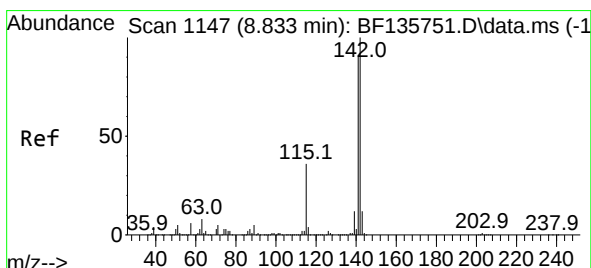
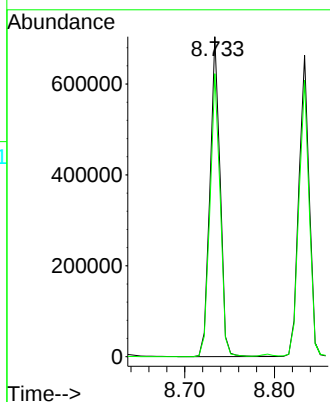
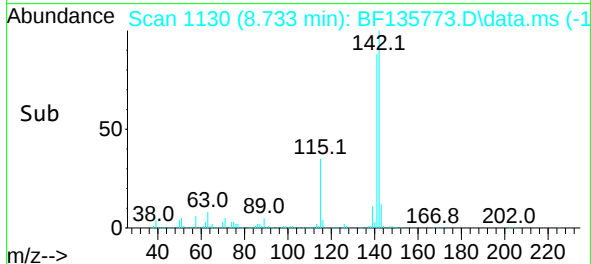
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MS



Tgt Ion:142 Resp: 552220
Ion Ratio Lower Upper
142 100
141 88.5 70.6 105.8

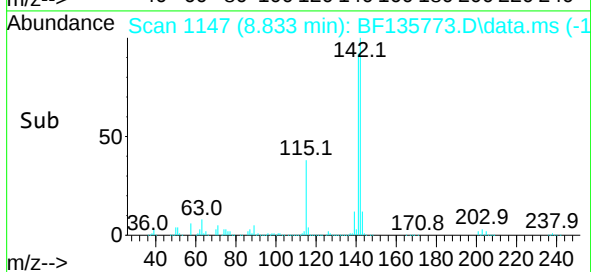
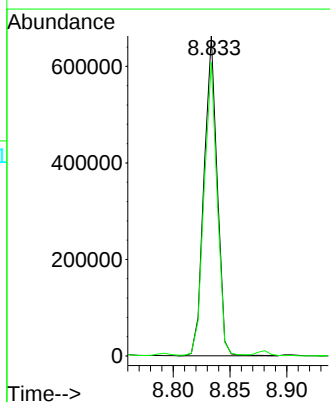
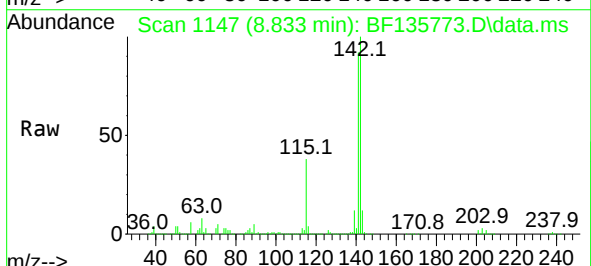
Manual Integrations
APPROVED

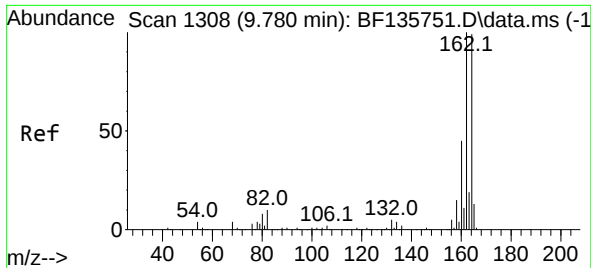
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#38
1-Methylnaphthalene
Concen: 50.791 ng
RT: 8.833 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

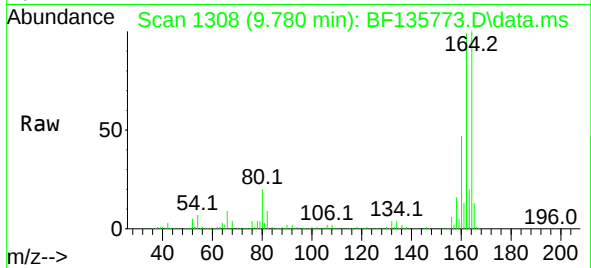
Tgt Ion:142 Resp: 532291
Ion Ratio Lower Upper
142 100
141 91.8 72.7 109.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

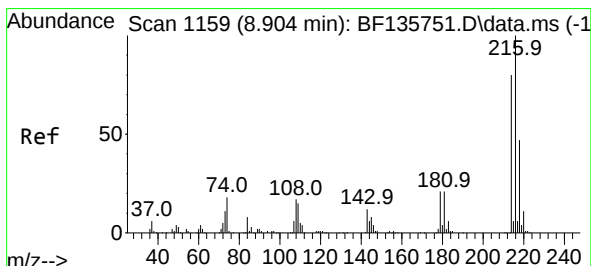
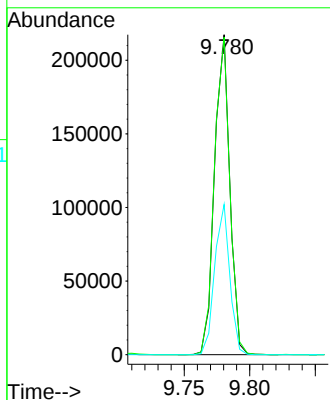
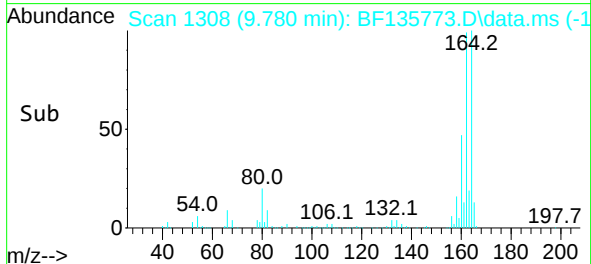
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MS



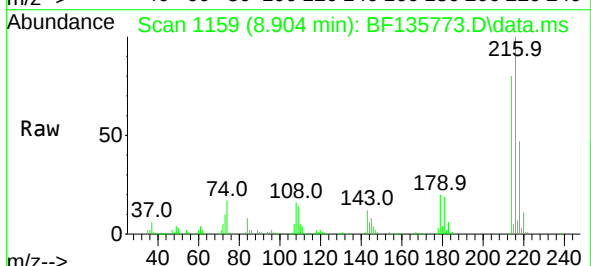
Tgt Ion:164 Resp: 175379
Ion Ratio Lower Upper
164 100
162 99.2 80.8 121.2
160 47.0 36.6 54.8

Manual Integrations
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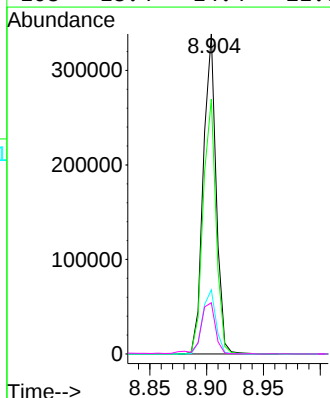
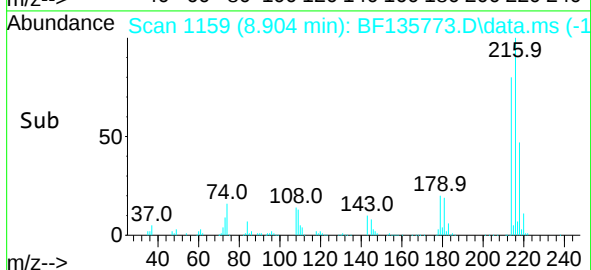
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

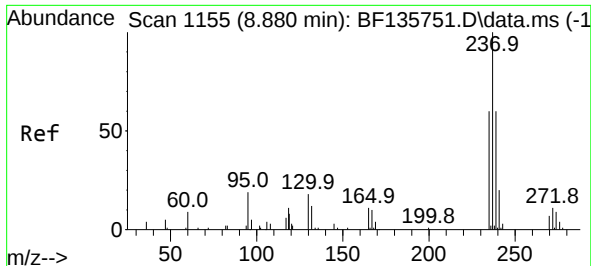


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.637 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13



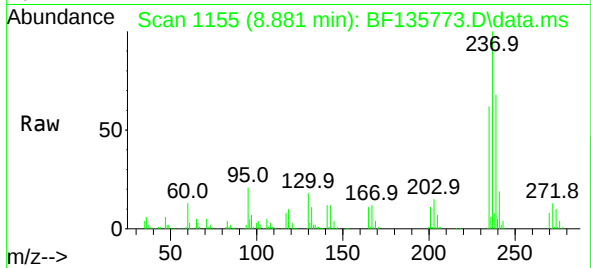
Tgt Ion:216 Resp: 265541
Ion Ratio Lower Upper
216 100
214 80.1 64.0 96.0
179 20.8 16.9 25.3
108 18.4 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 68.444 ng
RT: 8.881 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

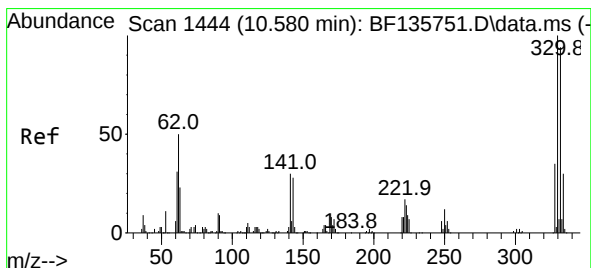
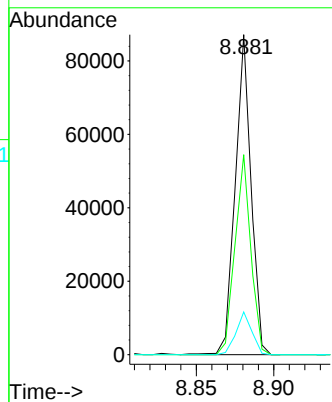
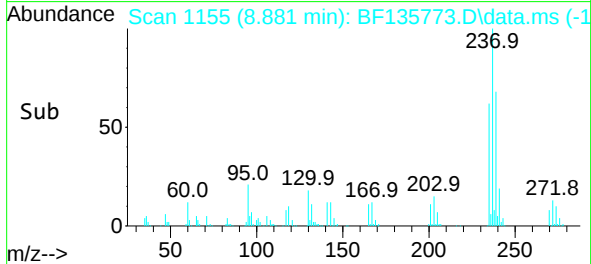
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MS



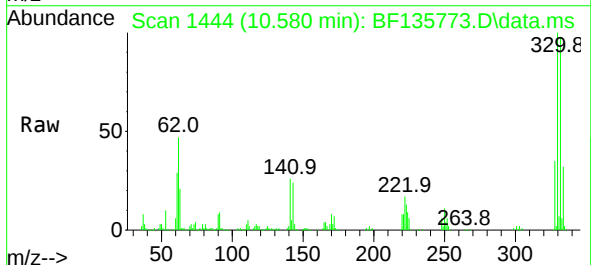
Tgt Ion:237 Resp: 6198
Ion Ratio Lower Upper
237 100
235 62.5 40.0 80.0
272 13.3 0.0 30.9

Manual Integrations
APPROVED

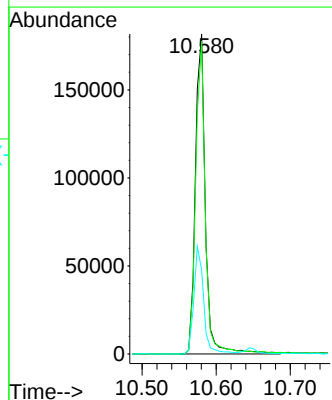
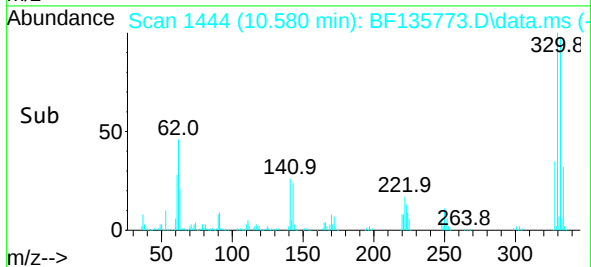
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

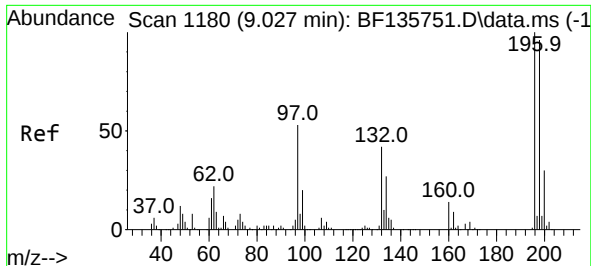


#42
2,4,6-Tribromophenol
Concen: 101.095 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13



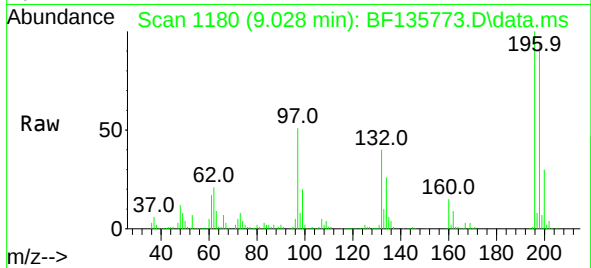
Tgt Ion:330 Resp: 170129
Ion Ratio Lower Upper
330 100
332 95.4 75.0 112.4
141 32.9 25.8 38.6





#43
2,4,6-Trichlorophenol
Concen: 52.945 ng
RT: 9.028 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

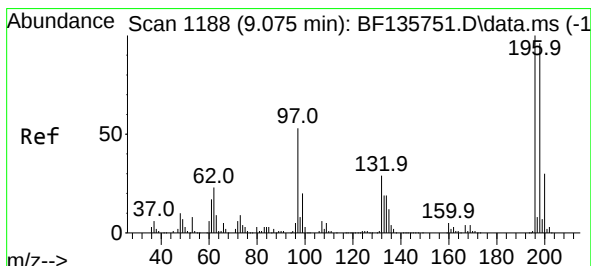
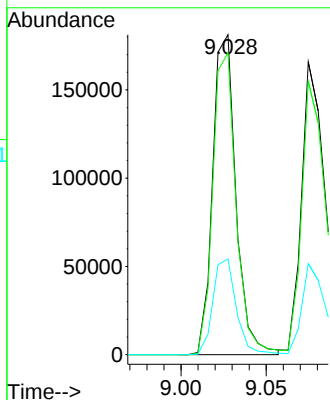
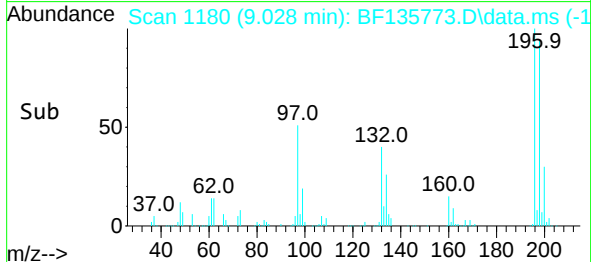
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MS



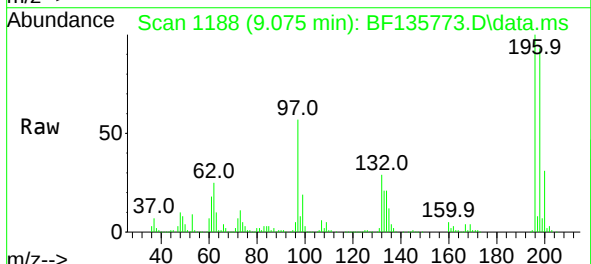
Tgt Ion:196 Resp: 172119
Ion Ratio Lower Upper
196 100
198 94.3 76.7 115.1
200 29.9 24.2 36.4

Manual Integrations
APPROVED

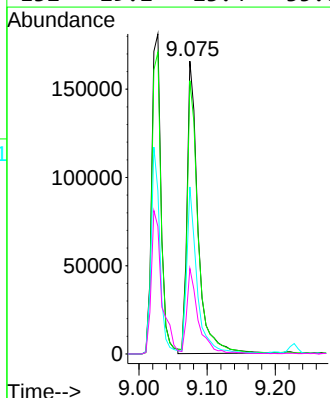
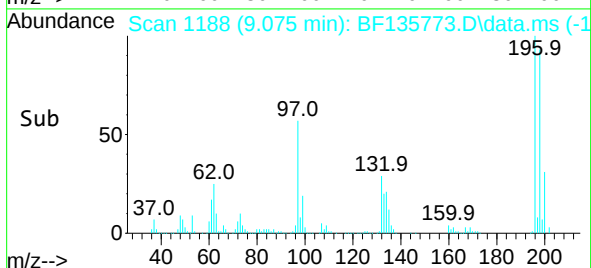
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

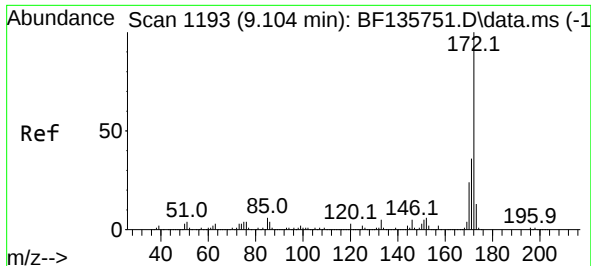


#44
2,4,5-Trichlorophenol
Concen: 48.486 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13



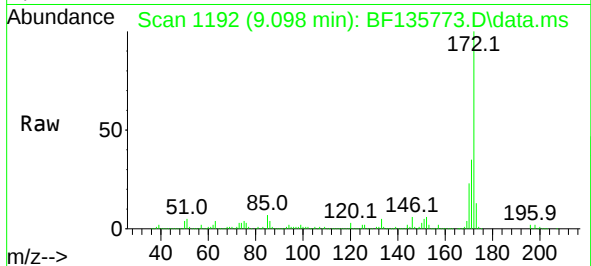
Tgt Ion:196 Resp: 183329
Ion Ratio Lower Upper
196 100
198 93.3 77.0 115.6
97 57.1 42.2 63.2
132 29.2 23.4 35.0





#45
2-Fluorobiphenyl
Concen: 67.391 ng
RT: 9.098 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

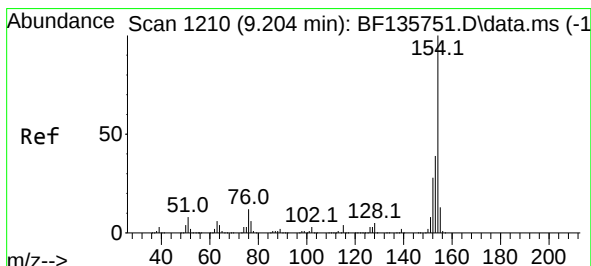
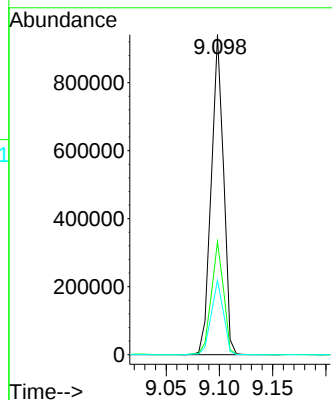
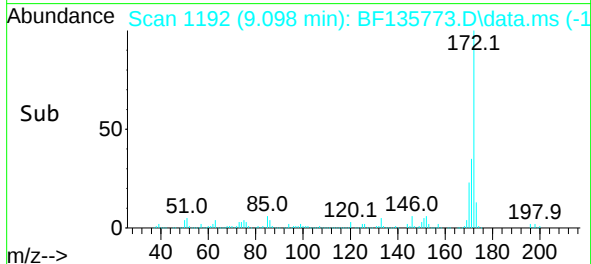
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MS



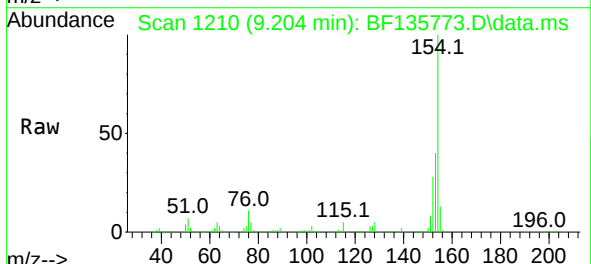
Tgt Ion:172 Resp: 755909
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.2 18.8 28.2

Manual Integrations
APPROVED

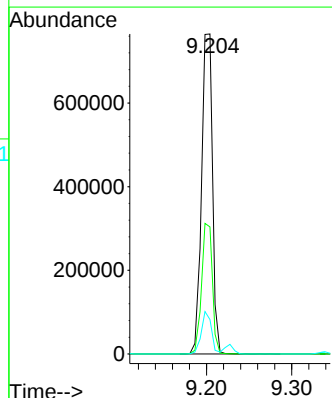
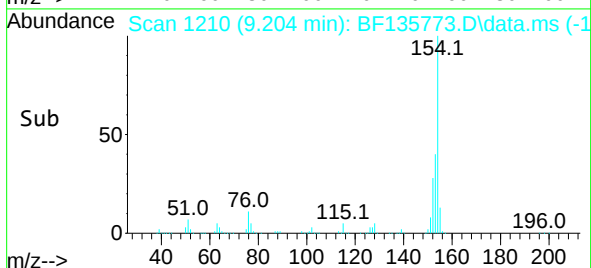
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

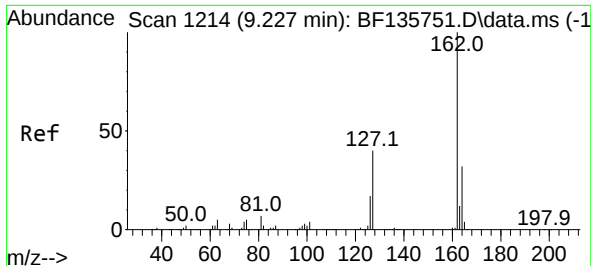


#46
1,1'-Biphenyl
Concen: 50.853 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13



Tgt Ion:154 Resp: 683163
Ion Ratio Lower Upper
154 100
153 39.7 19.4 59.4
76 10.8 0.0 31.7





#47

2-Chloronaphthalene

Concen: 52.365 ng

RT: 9.228 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF135773.D

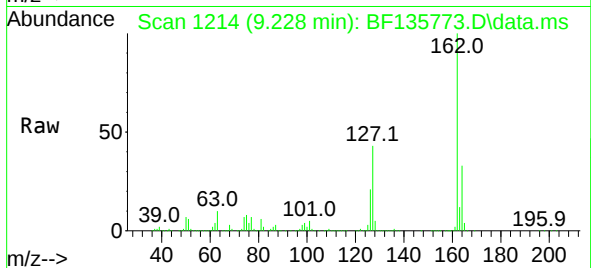
Acq: 16 Oct 2023 13:13

Instrument :

BNA_F

ClientSampleId :

PP-20230928-B6A-0-7.5MS



Tgt Ion:162 Resp: 506988

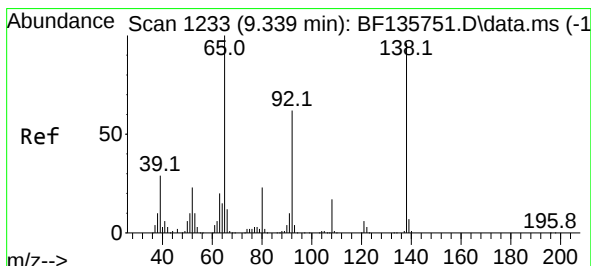
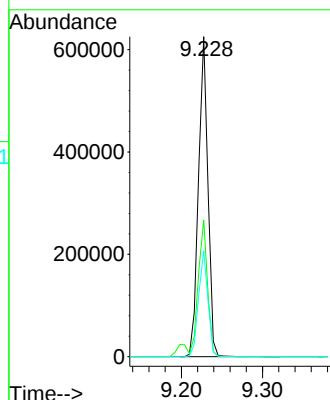
Ion	Ratio	Lower	Upper
162	100		
127	42.7	34.7	52.1
164	33.1	25.6	38.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#48

2-Nitroaniline

Concen: 52.287 ng

RT: 9.339 min Scan# 1233

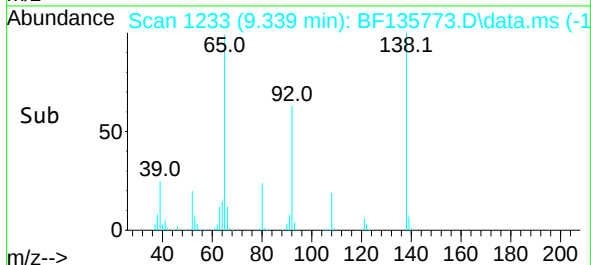
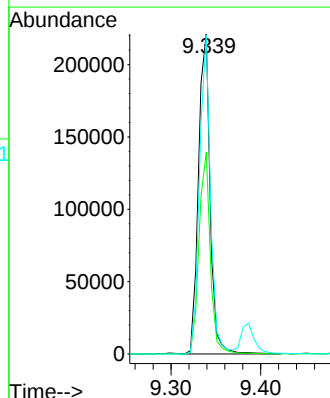
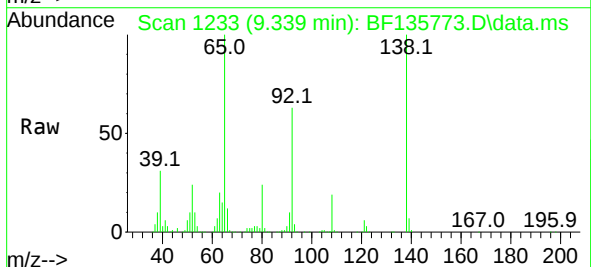
Delta R.T. -0.000 min

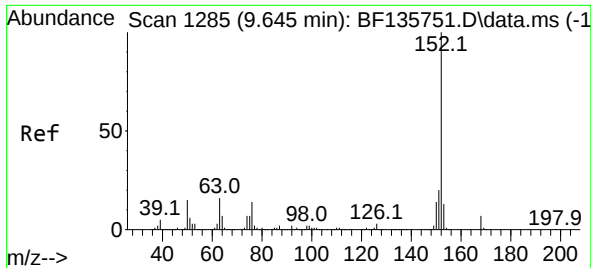
Lab File: BF135773.D

Acq: 16 Oct 2023 13:13

Tgt Ion: 65 Resp: 199823

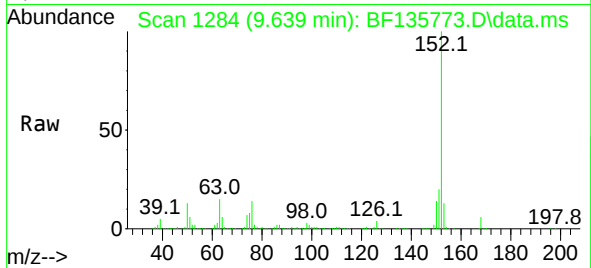
Ion	Ratio	Lower	Upper
65	100		
92	63.0	49.4	74.0
138	99.6	76.6	114.8





#49
Acenaphthylene
Concen: 52.904 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

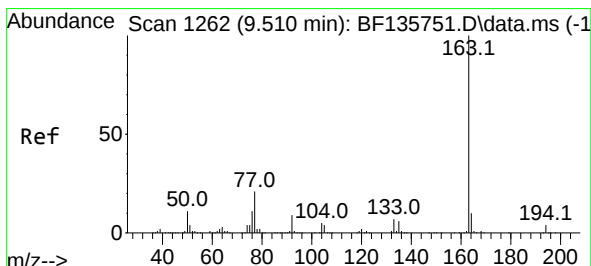
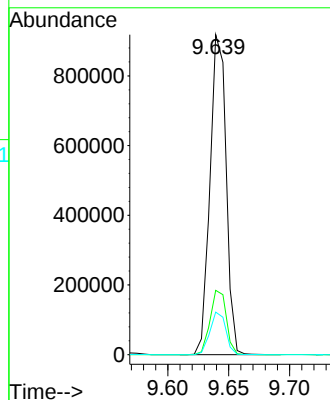
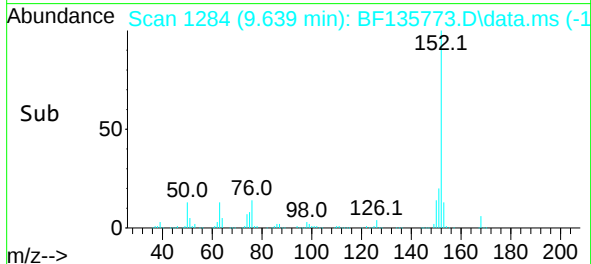
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MS



Tgt Ion:152 Resp: 847639
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.3 10.2 15.4

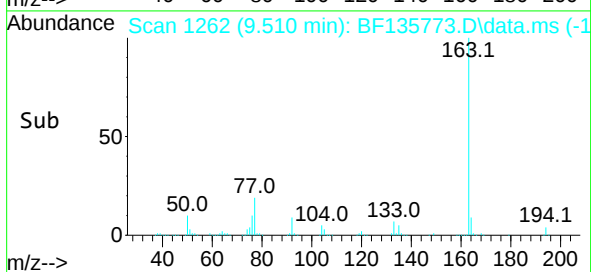
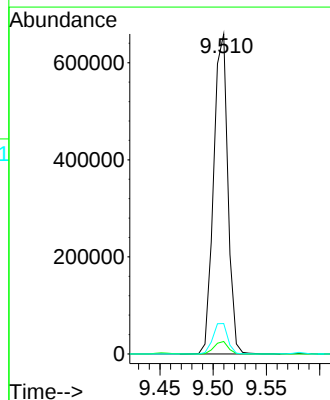
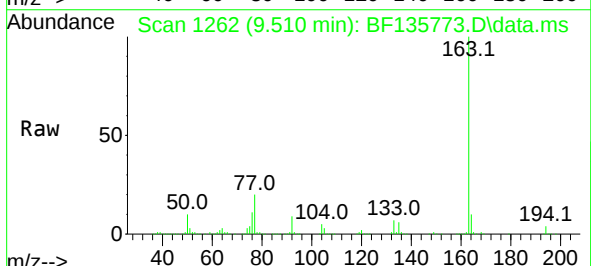
Manual Integrations
APPROVED

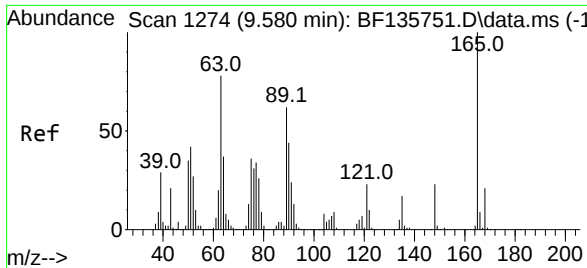
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#50
Dimethylphthalate
Concen: 51.949 ng
RT: 9.510 min Scan# 1262
Delta R.T. -0.000 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

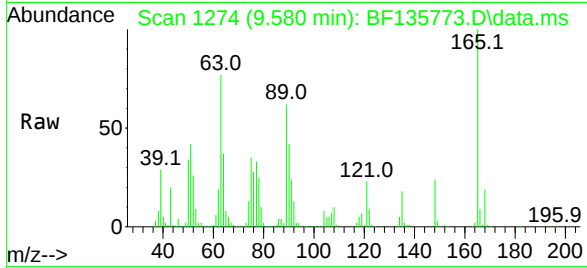
Tgt Ion:163 Resp: 615026
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 9.5 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 52.540 ng
RT: 9.580 min Scan# 1274
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

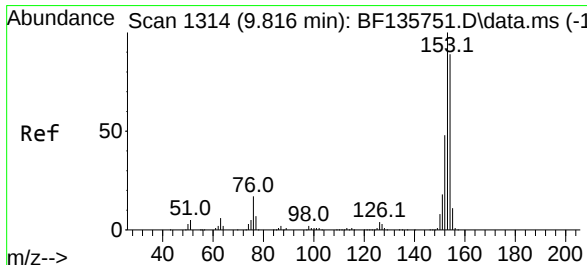
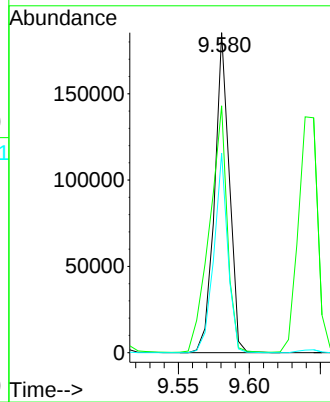
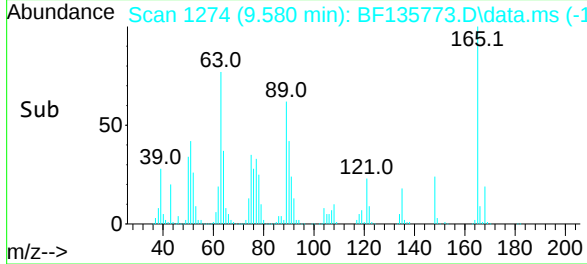
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MS



Tgt Ion:165 Resp: 13376
Ion Ratio Lower Upper
165 100
63 77.1 62.2 93.4
89 62.3 49.6 74.4

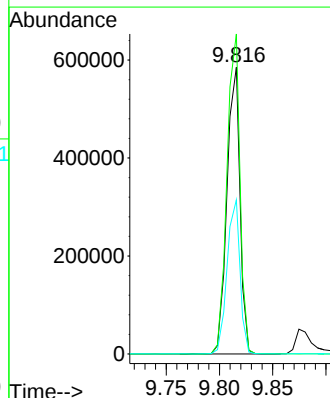
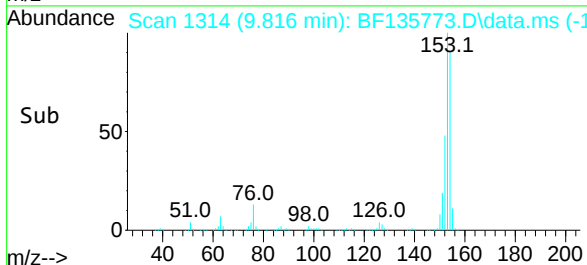
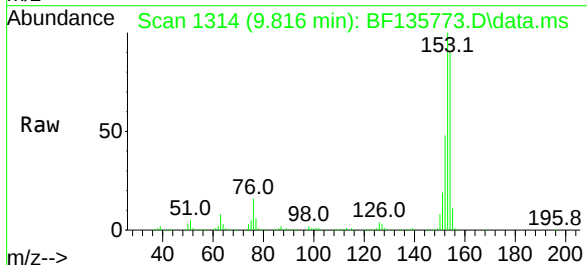
Manual Integrations
APPROVED

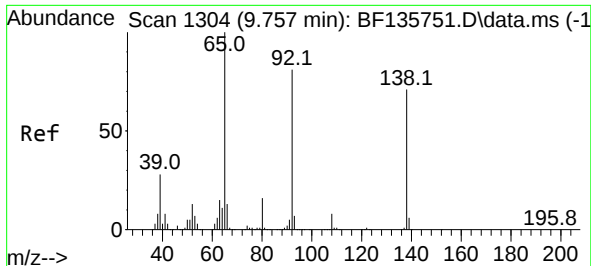
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#52
Acenaphthene
Concen: 51.480 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

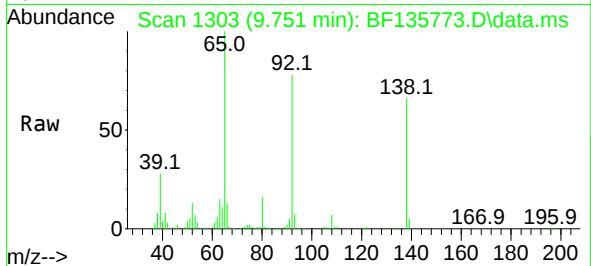
Tgt Ion:154 Resp: 494386
Ion Ratio Lower Upper
154 100
153 111.6 90.1 135.1
152 53.7 43.1 64.7





#53
3-Nitroaniline
Concen: 41.414 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

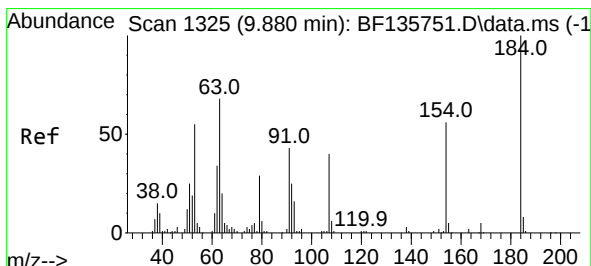
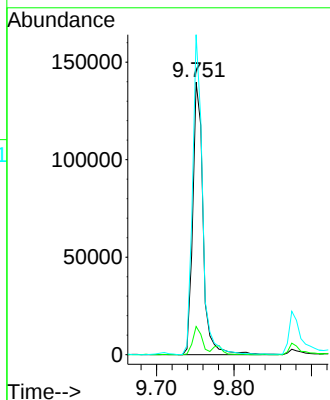
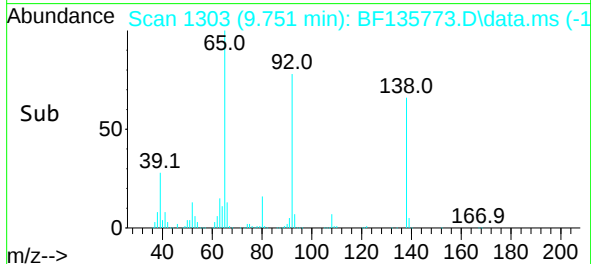
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MS



Tgt Ion:138 Resp: 129249
Ion Ratio Lower Upper
138 100
108 10.3 8.6 13.0
92 117.5 91.3 136.9

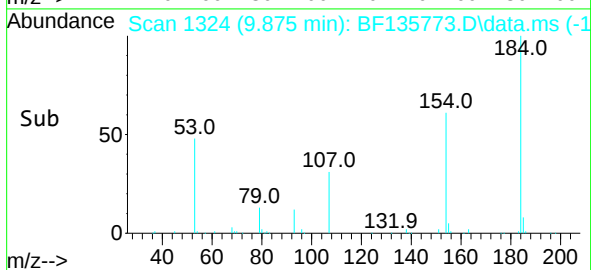
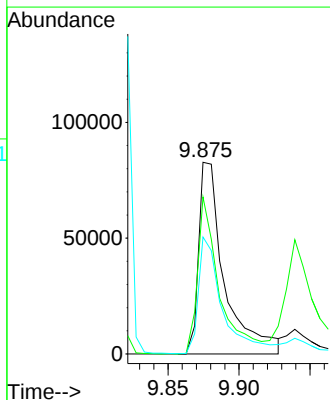
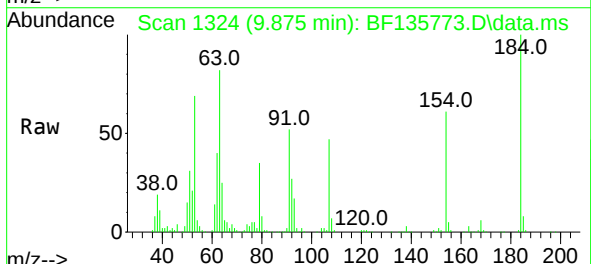
Manual Integrations
APPROVED

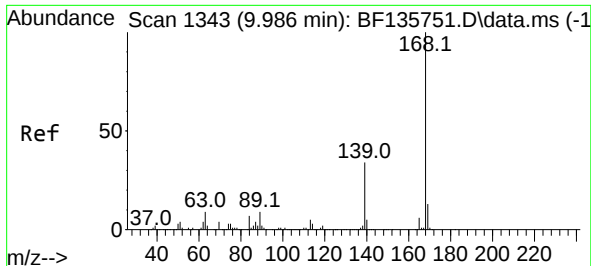
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#54
2,4-Dinitrophenol
Concen: 98.775 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

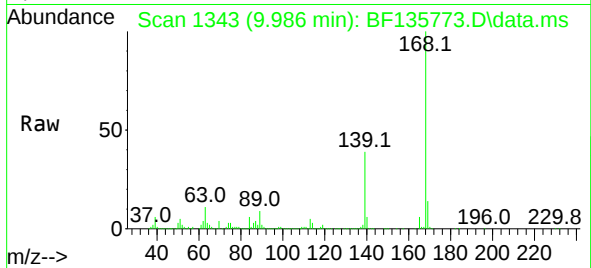
Tgt Ion:184 Resp: 104972
Ion Ratio Lower Upper
184 100
63 81.9 54.6 81.8#
154 61.1 45.0 67.4





#55
Dibenzenofuran
Concen: 50.405 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

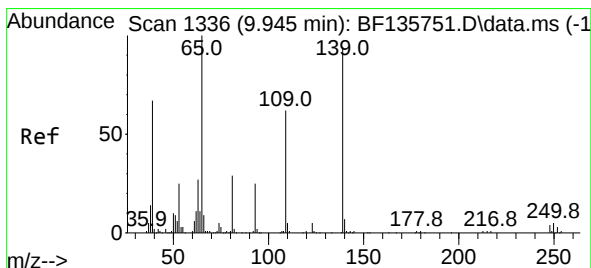
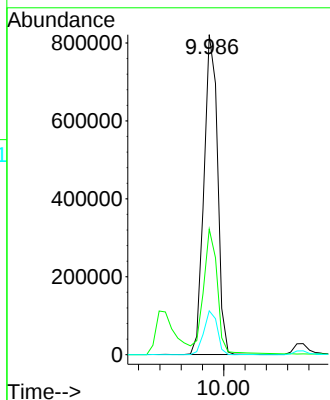
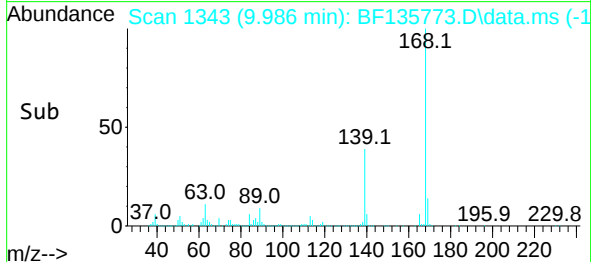
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MS



Tgt Ion:168 Resp: 73038
Ion Ratio Lower Upper
168 100
139 39.3 31.0 46.4
169 13.7 10.7 16.1

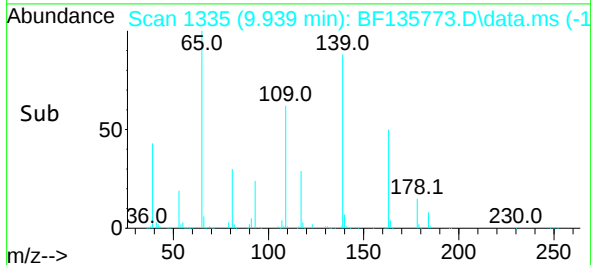
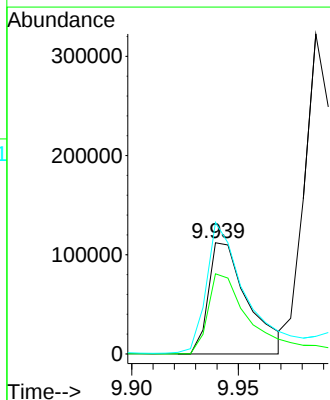
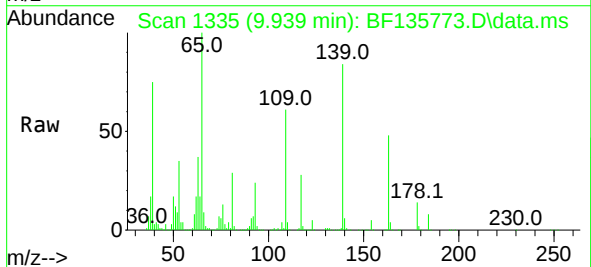
Manual Integrations
APPROVED

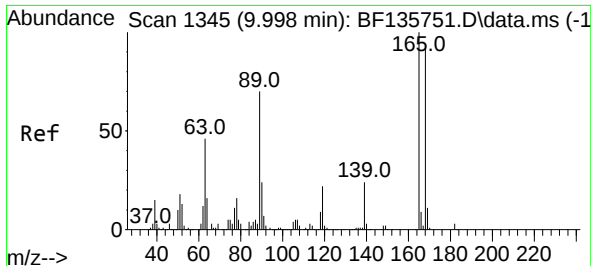
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#56
4-Nitrophenol
Concen: 99.308 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

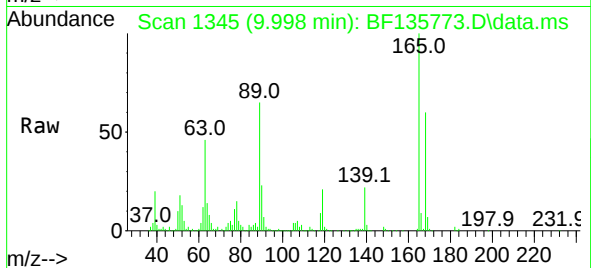
Tgt Ion:139 Resp: 144041
Ion Ratio Lower Upper
139 100
109 72.2 45.6 85.6
65 118.4 87.5 127.5





#57
2,4-Dinitrotoluene
Concen: 52.485 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

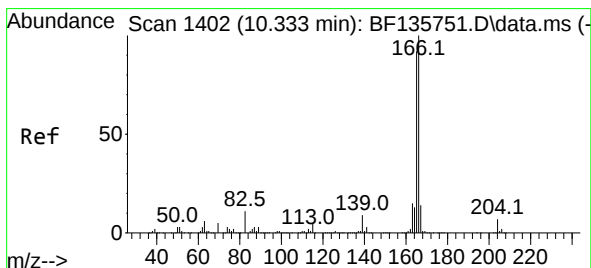
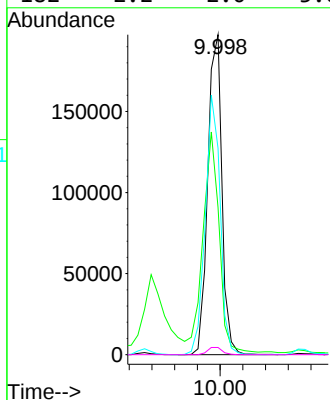
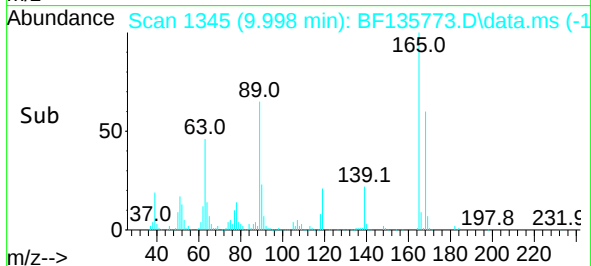
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MS



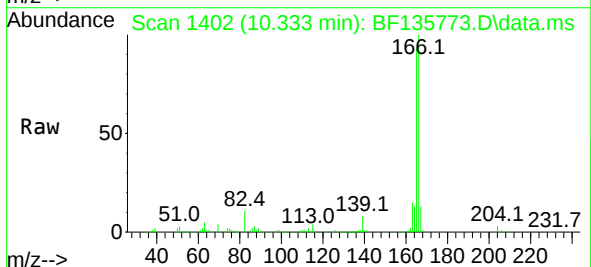
Tgt Ion:165 Resp: 16999
Ion Ratio Lower Upper
165 100
63 46.0 39.0 58.4
89 64.5 55.9 83.9
182 2.2 2.0 3.0

Manual Integrations
APPROVED

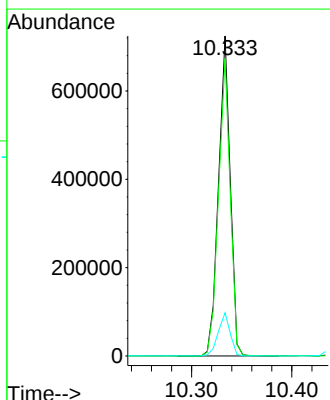
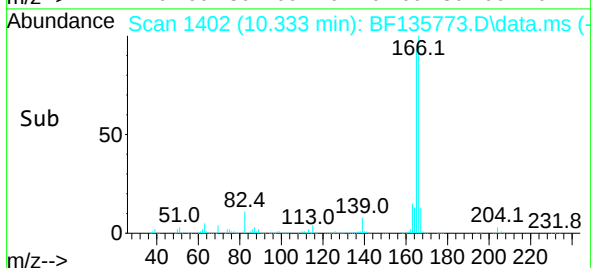
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

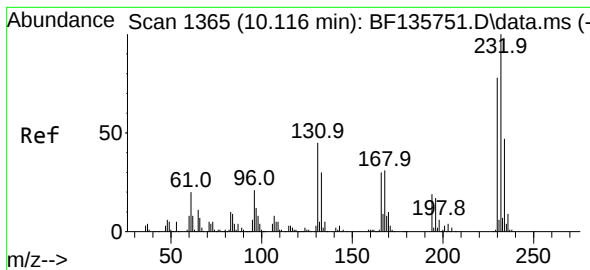


#58
Fluorene
Concen: 51.669 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13



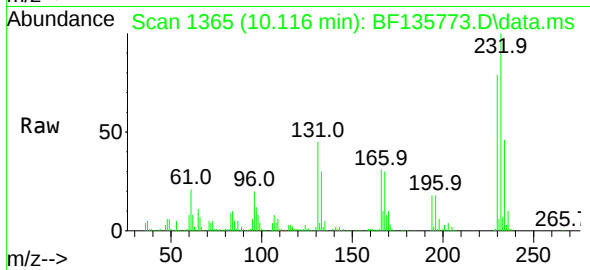
Tgt Ion:166 Resp: 586135
Ion Ratio Lower Upper
166 100
165 93.0 73.4 110.0
167 13.5 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.584 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

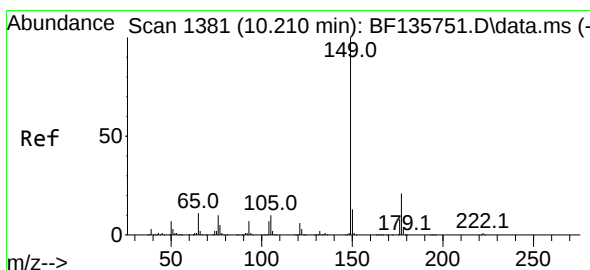
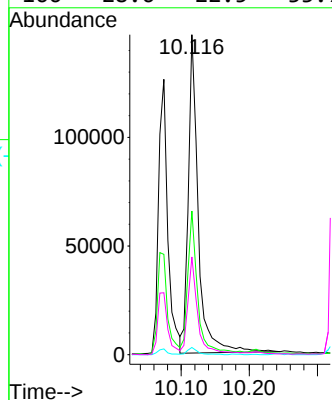
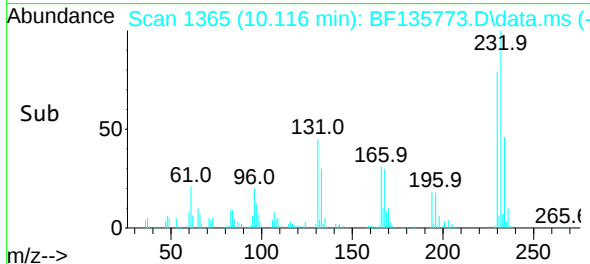
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MS



Tgt Ion:232 Resp: 147398
Ion Ratio Lower Upper
232 100
131 44.8 35.8 53.6
130 2.4 1.9 2.9
166 28.6 22.5 33.7

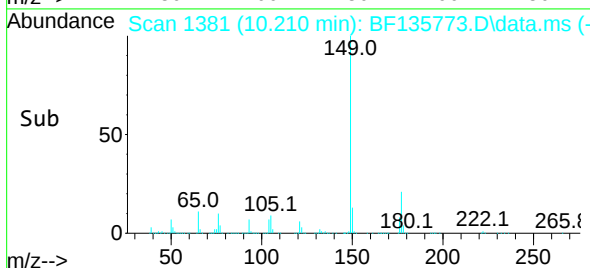
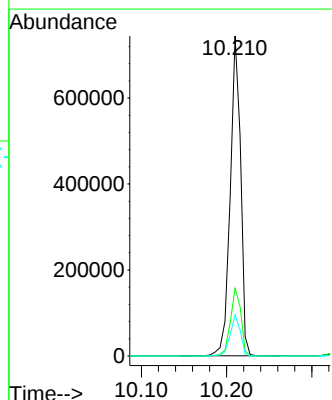
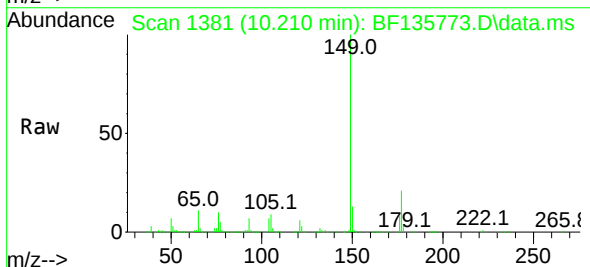
Manual Integrations
APPROVED

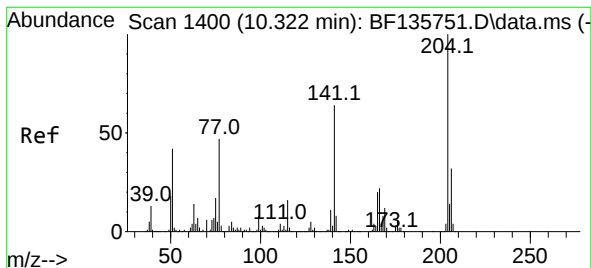
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#60
Diethylphthalate
Concen: 52.203 ng
RT: 10.210 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

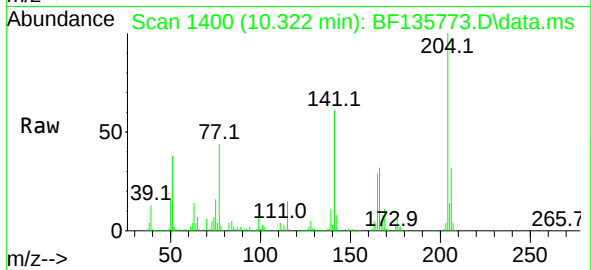
Tgt Ion:149 Resp: 630935
Ion Ratio Lower Upper
149 100
177 21.1 16.9 25.3
150 12.8 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 50.984 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

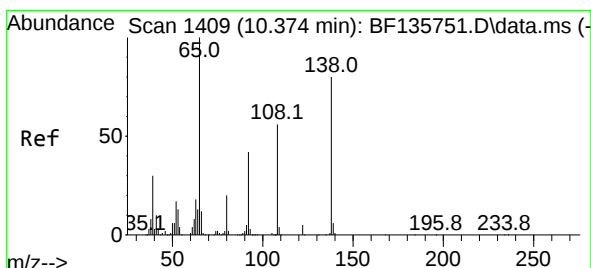
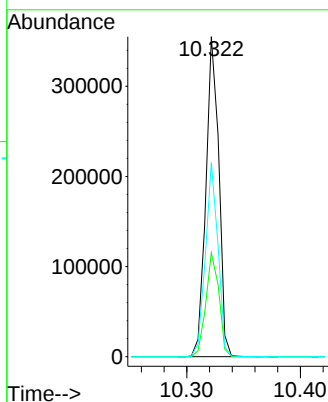
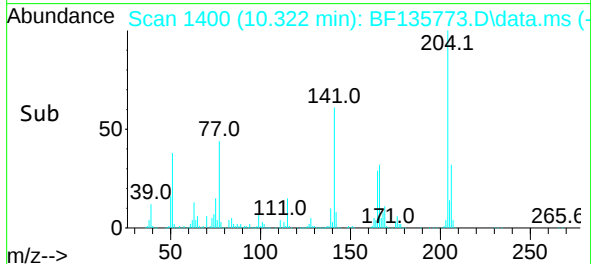
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MS



Tgt Ion:204 Resp: 279529
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.6
141 60.7 51.4 77.0

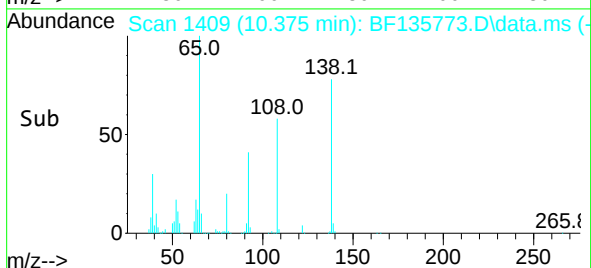
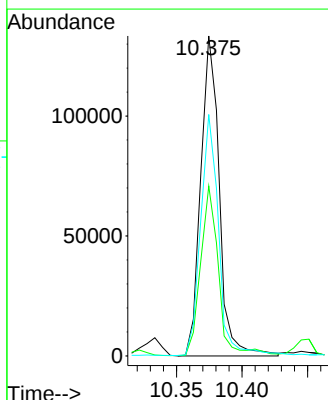
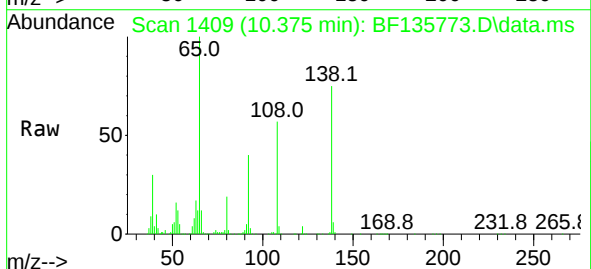
Manual Integrations
APPROVED

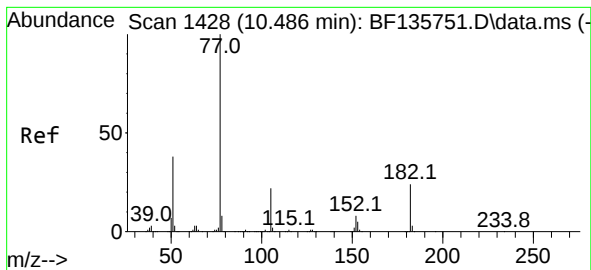
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#62
4-Nitroaniline
Concen: 45.789 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

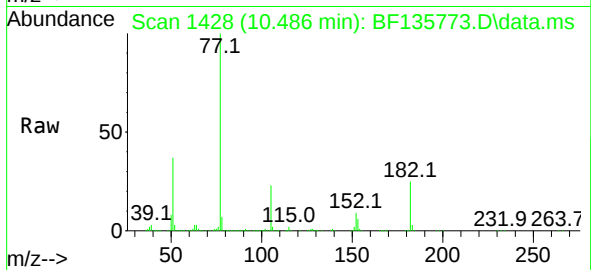
Tgt Ion:138 Resp: 131483
Ion Ratio Lower Upper
138 100
92 53.1 31.9 71.9
108 75.4 49.7 89.7





#63
Azobenzene
Concen: 49.783 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

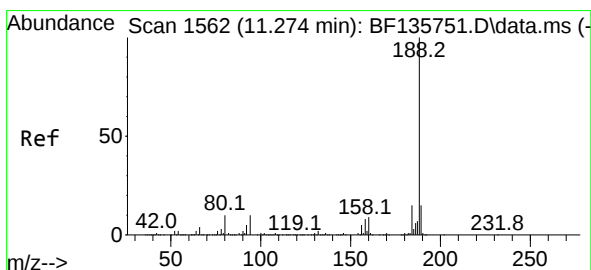
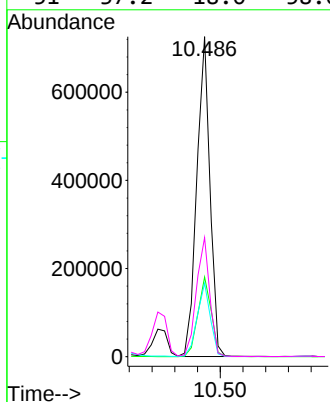
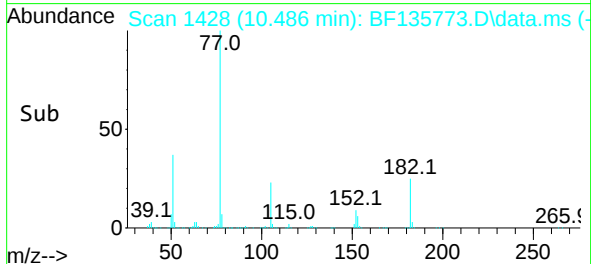
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MS



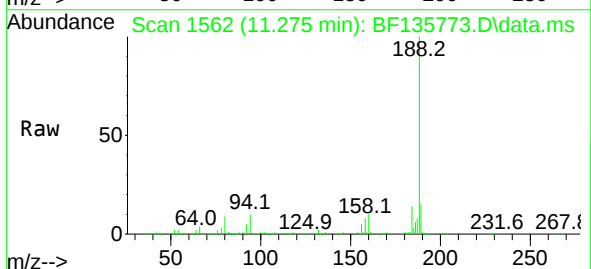
Tgt Ion: 77 Resp: 584584
Ion Ratio Lower Upper
77 100
182 24.9 3.5 43.5
105 22.9 2.2 42.2
51 37.2 18.0 58.0

Manual Integrations
APPROVED

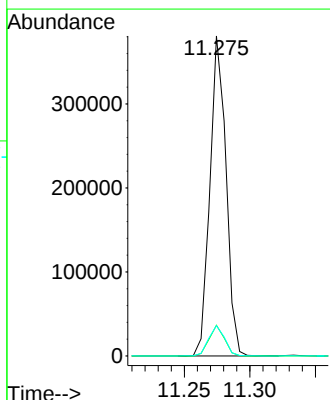
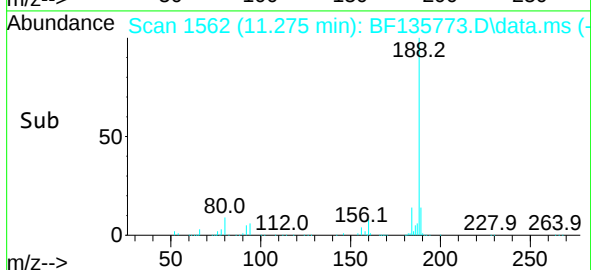
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

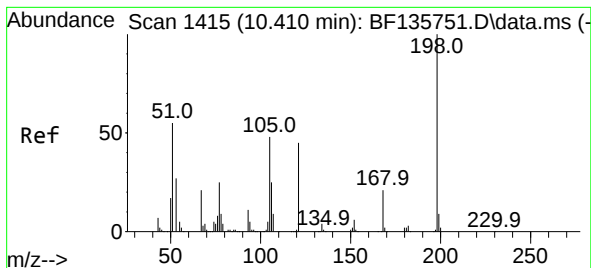


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.275 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13



Tgt Ion:188 Resp: 325995
Ion Ratio Lower Upper
188 100
94 9.6 8.0 12.0
80 9.4 8.3 12.5





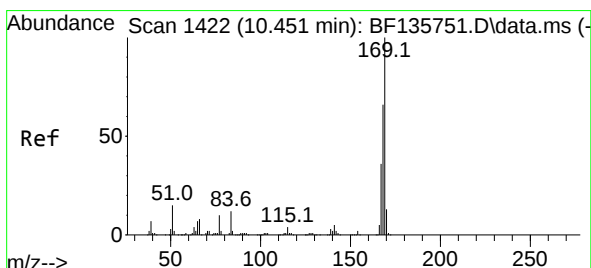
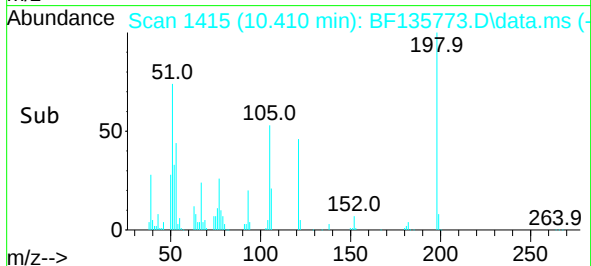
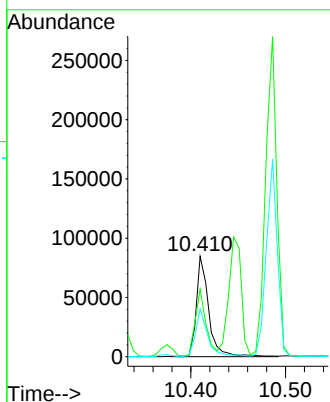
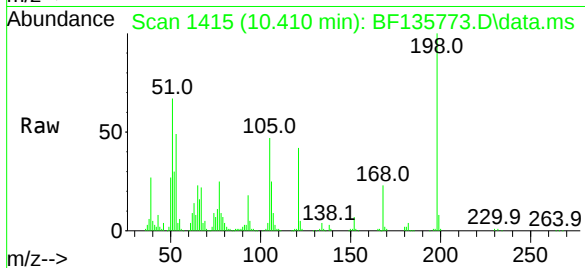
#65
4,6-Dinitro-2-methylphenol
Concen: 46.837 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MS

Tgt Ion:198 Resp: 7684
Ion Ratio Lower Upper
198 100
51 67.2 47.6 87.6
105 47.5 29.2 69.2

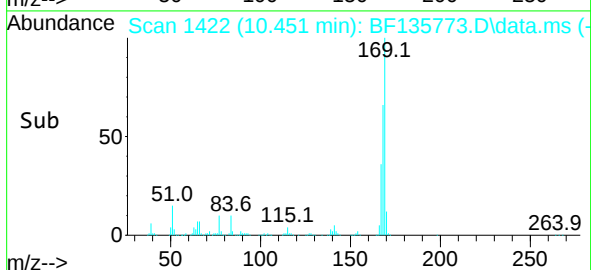
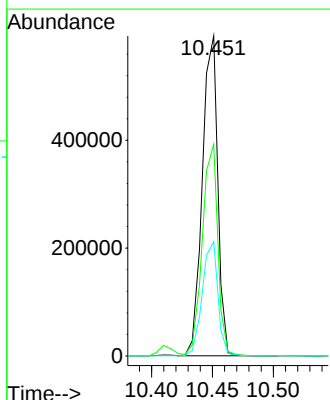
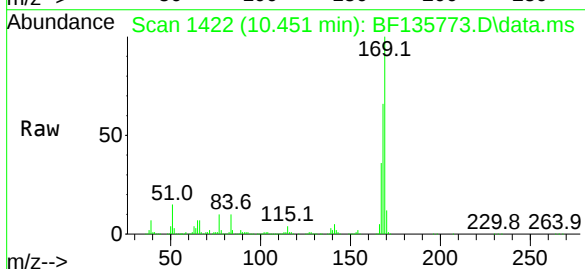
Manual Integrations
APPROVED

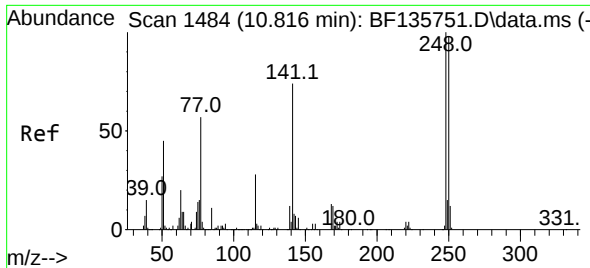
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#66
n-Nitrosodiphenylamine
Concen: 52.651 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

Tgt Ion:169 Resp: 523155
Ion Ratio Lower Upper
169 100
168 66.1 53.4 80.2
167 35.8 29.2 43.8





#67

4-Bromophenyl-phenylether

Concen: 52.711 ng

RT: 10.816 min Scan# 1484

Delta R.T. -0.006 min

Lab File: BF135773.D

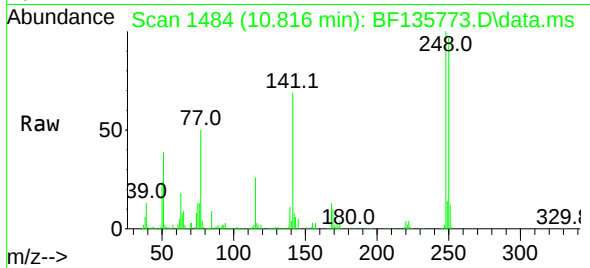
Acq: 16 Oct 2023 13:13

Instrument :

BNA_F

ClientSampleId :

PP-20230928-B6A-0-7.5MS



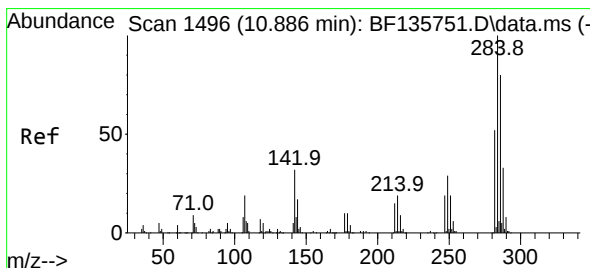
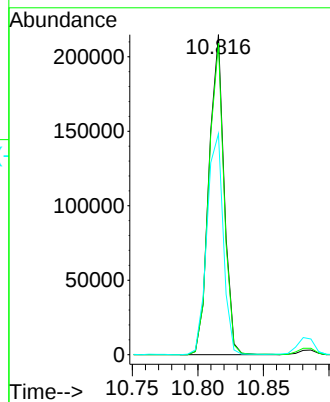
Tgt Ion:248	Resp: 172492
Ion Ratio	Lower Upper
248	100
250	97.2 78.0 117.0
141	69.0 59.0 88.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#68

Hexachlorobenzene

Concen: 56.170 ng

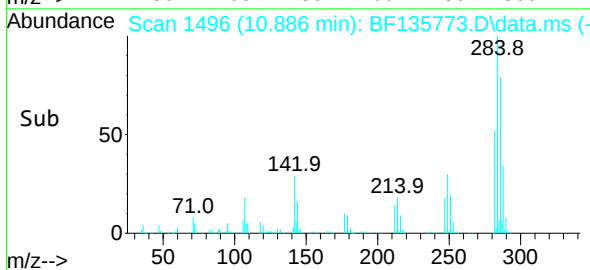
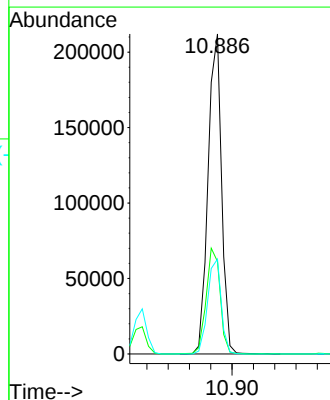
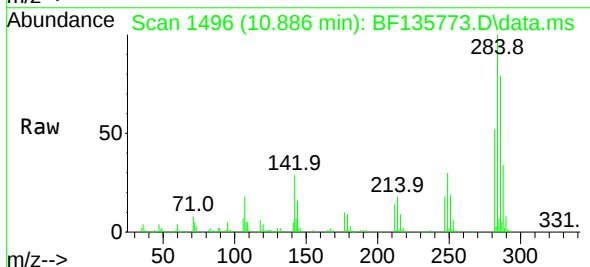
RT: 10.886 min Scan# 1496

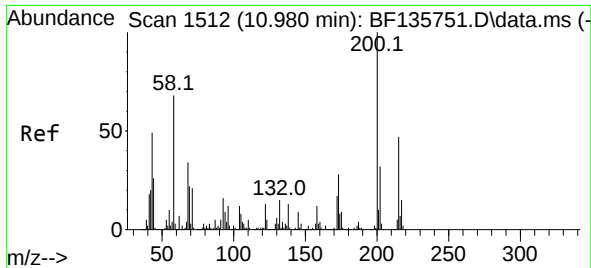
Delta R.T. -0.006 min

Lab File: BF135773.D

Acq: 16 Oct 2023 13:13

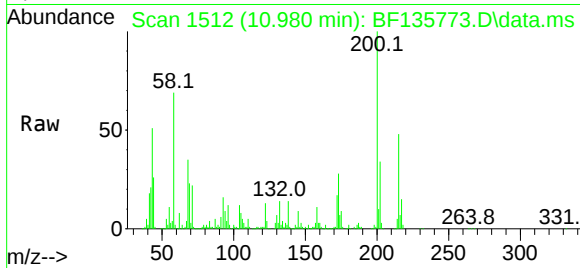
Tgt Ion:284	Resp: 187140
Ion Ratio	Lower Upper
284	100
142	28.9 25.3 37.9
249	29.7 23.5 35.3





#69
 Atrazine
 Concen: 62.413 ng
 RT: 10.980 min Scan# 1512
 Delta R.T. -0.006 min
 Lab File: BF135773.D
 Acq: 16 Oct 2023 13:13

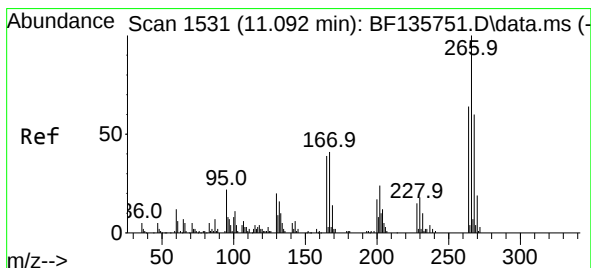
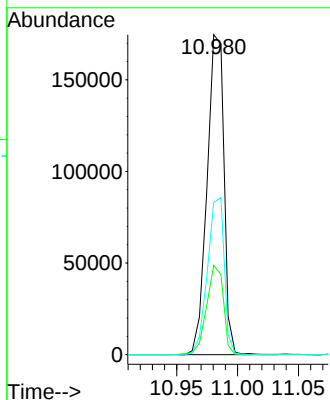
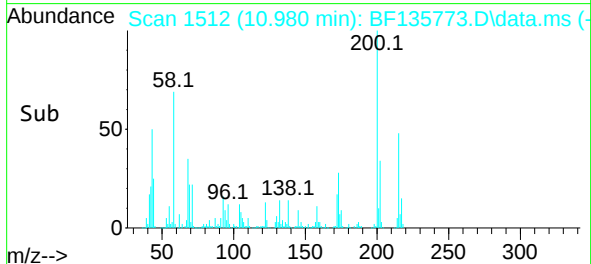
Instrument :
 BNA_F
 ClientSampleId :
 PP-20230928-B6A-0-7.5MS



Tgt Ion:200 Resp: 168680
 Ion Ratio Lower Upper
 200 100
 173 27.9 7.6 47.6
 215 47.6 27.1 67.1

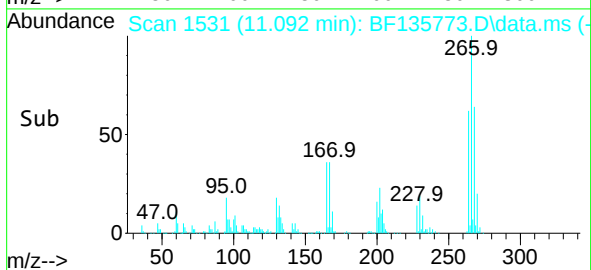
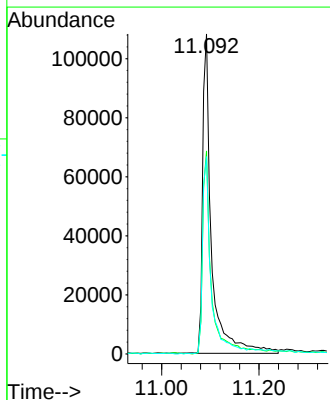
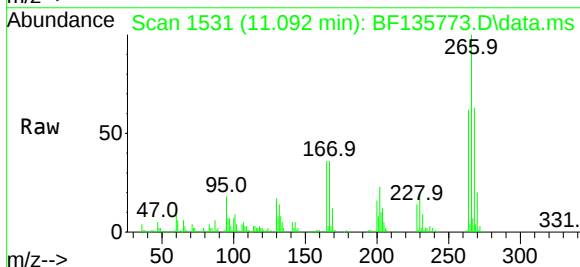
Manual Integrations
 APPROVED

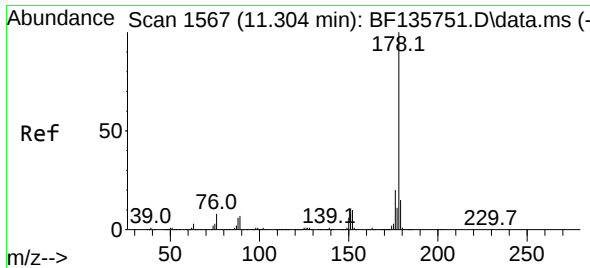
Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/17/2023



#70
 Pentachlorophenol
 Concen: 105.175 ng
 RT: 11.092 min Scan# 1531
 Delta R.T. -0.000 min
 Lab File: BF135773.D
 Acq: 16 Oct 2023 13:13

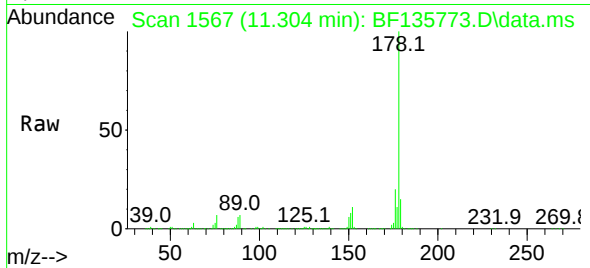
Tgt Ion:266 Resp: 138204
 Ion Ratio Lower Upper
 266 100
 268 63.5 47.7 71.5
 264 61.6 51.4 77.2





#71
Phenanthrene
Concen: 52.602 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

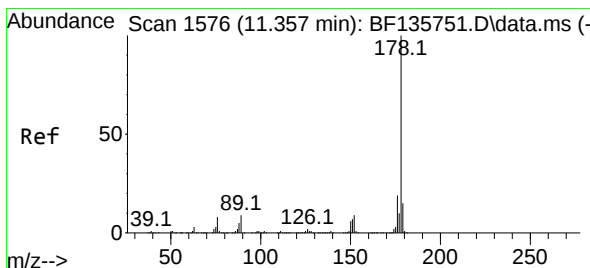
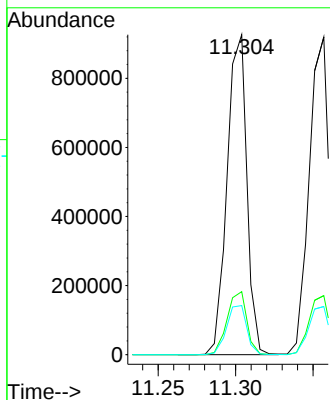
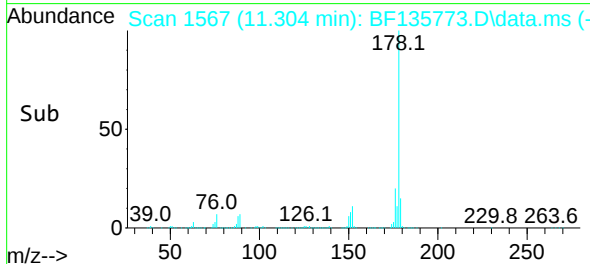
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MS



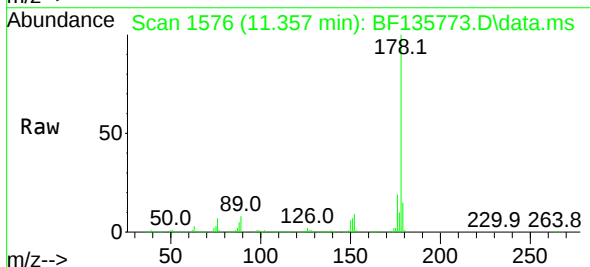
Tgt Ion:178 Resp: 821462
Ion Ratio Lower Upper
178 100
176 19.7 16.0 24.0
179 15.4 12.2 18.4

Manual Integrations
APPROVED

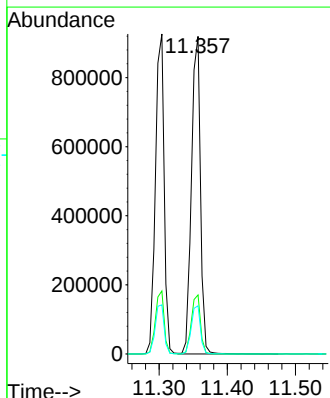
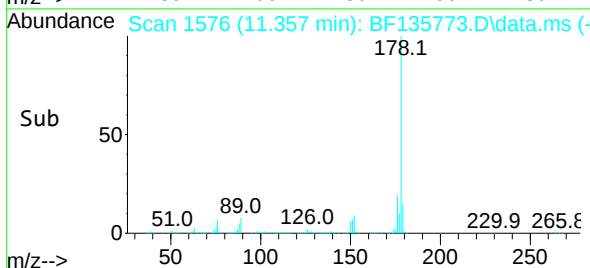
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

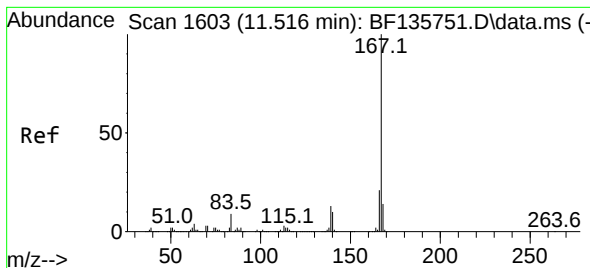


#72
Anthracene
Concen: 51.523 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13



Tgt Ion:178 Resp: 833773
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 15.2 12.3 18.5





#73

Carbazole

Concen: 51.335 ng

RT: 11.516 min Scan# 1603

Delta R.T. -0.006 min

Lab File: BF135773.D

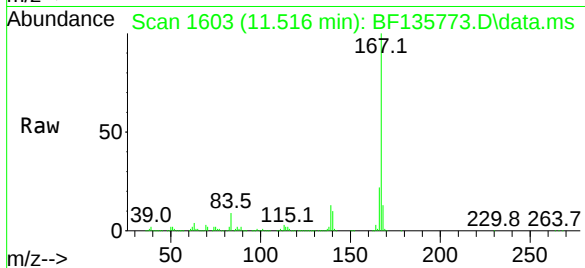
Acq: 16 Oct 2023 13:13

Instrument :

BNA_F

ClientSampleId :

PP-20230928-B6A-0-7.5MS



Tgt Ion:167 Resp: 77476

Ion Ratio Lower Upper

167 100

166 21.5 17.1 25.7

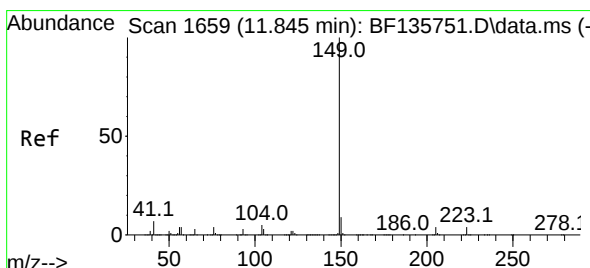
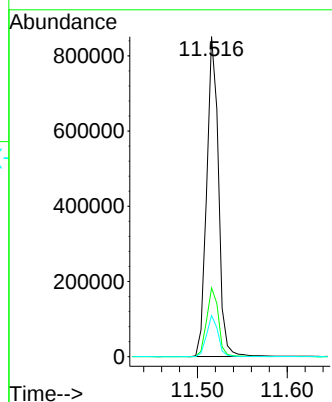
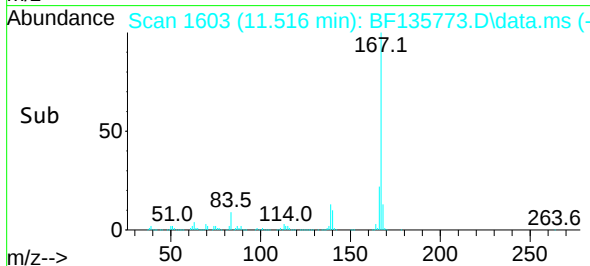
139 12.8 10.2 15.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#74

Di-n-butylphthalate

Concen: 53.599 ng

RT: 11.839 min Scan# 1658

Delta R.T. -0.006 min

Lab File: BF135773.D

Acq: 16 Oct 2023 13:13

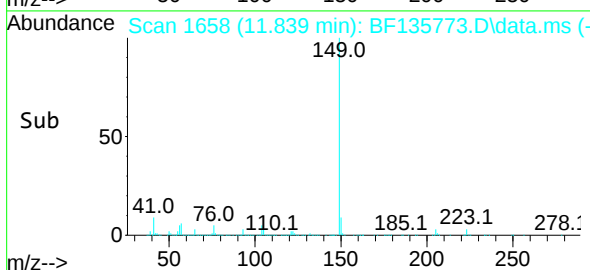
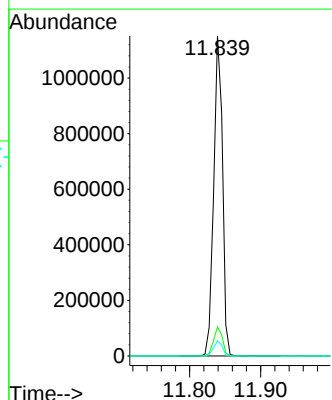
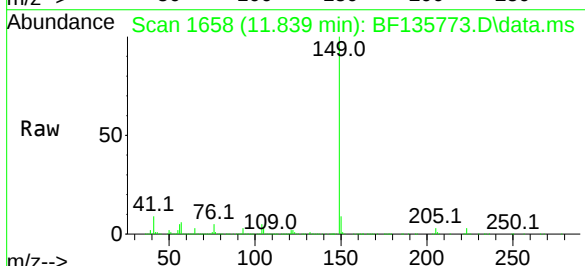
Tgt Ion:149 Resp: 993189

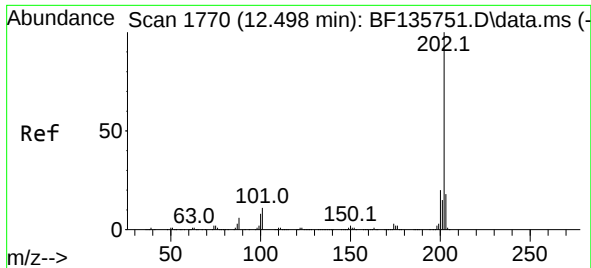
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

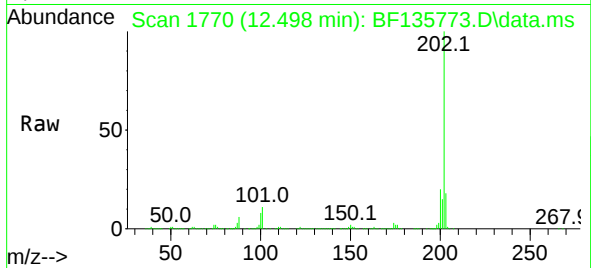
104 4.7 3.7 5.5





#75
Fluoranthene
Concen: 49.901 ng
RT: 12.498 min Scan# 1770
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

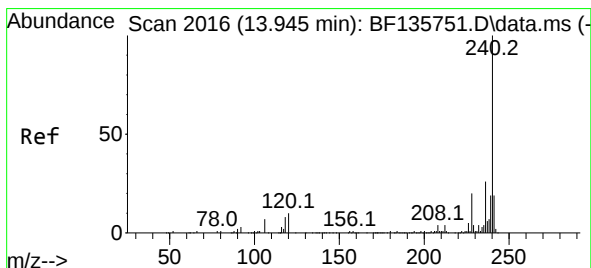
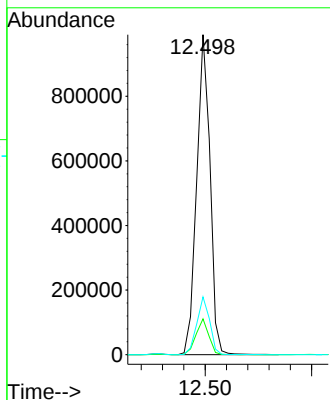
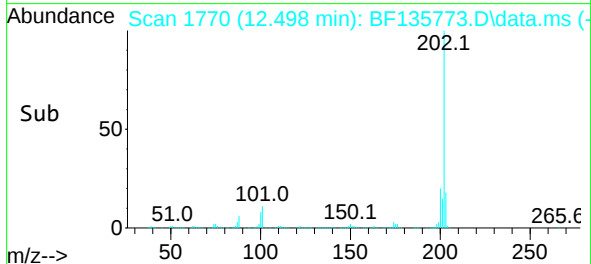
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MS



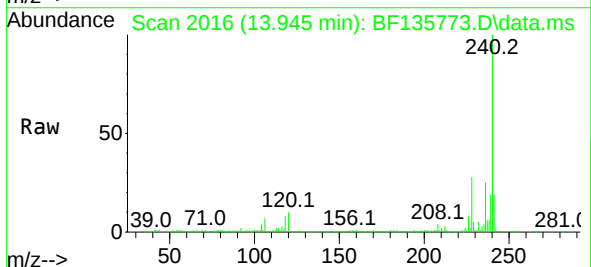
Tgt Ion:202 Resp: 86491
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.5
203 18.0 0.0 38.3

Manual Integrations
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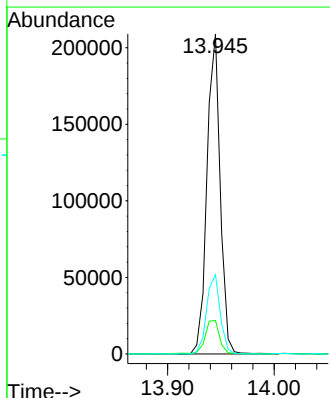
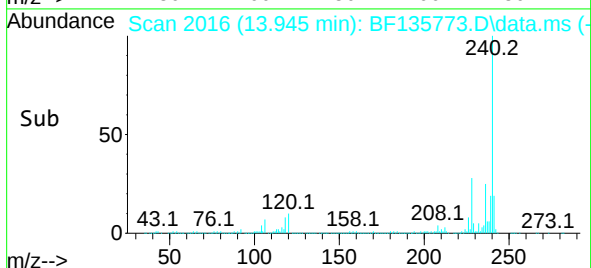
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

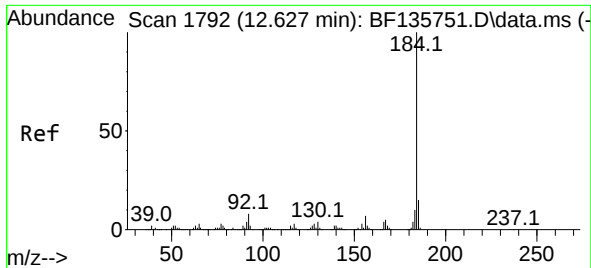


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13



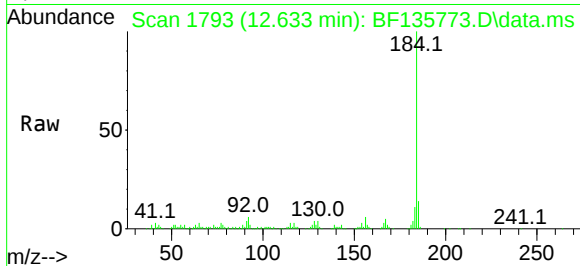
Tgt Ion:240 Resp: 180401
Ion Ratio Lower Upper
240 100
120 10.5 8.2 12.2
236 24.8 21.2 31.8





#77
Benzidine
Concen: 32.080 ng
RT: 12.633 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

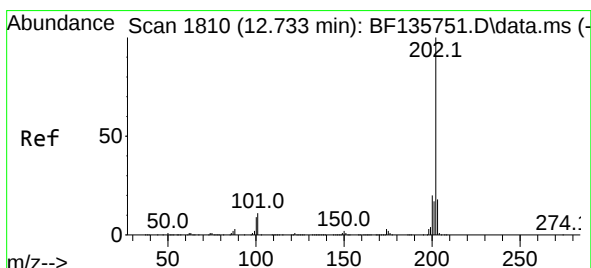
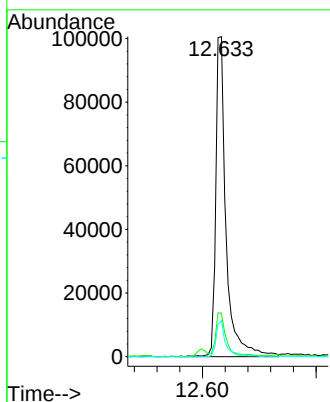
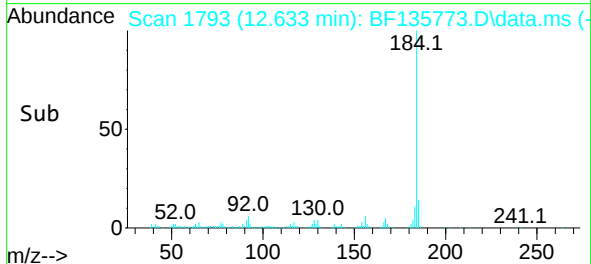
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MS



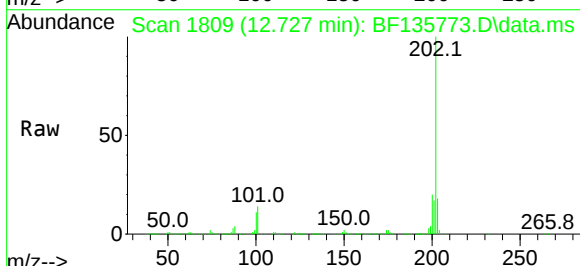
Tgt Ion:184 Resp: 12628
Ion Ratio Lower Upper
184 100
185 13.6 12.0 18.0
183 11.3 8.2 12.2

Manual Integrations
APPROVED

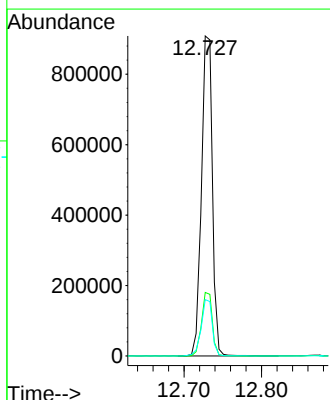
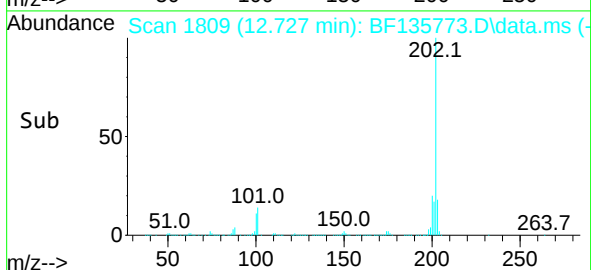
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

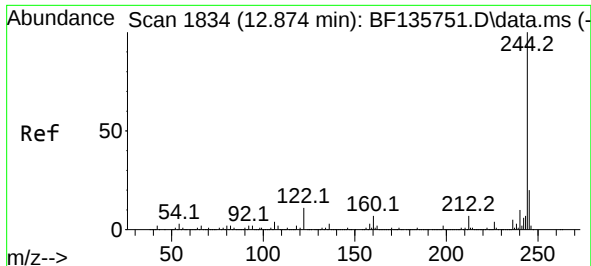


#78
Pyrene
Concen: 61.943 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13



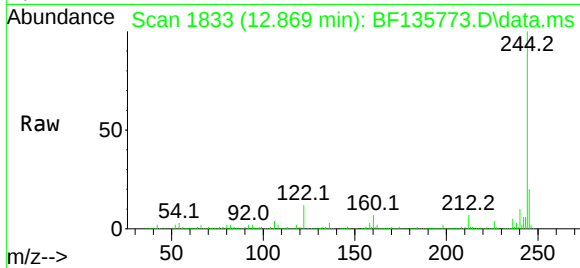
Tgt Ion:202 Resp: 887991
Ion Ratio Lower Upper
202 100
200 19.8 16.1 24.1
203 17.6 14.2 21.2





#79
 Terphenyl-d14
 Concen: 81.373 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. -0.012 min
 Lab File: BF135773.D
 Acq: 16 Oct 2023 13:13

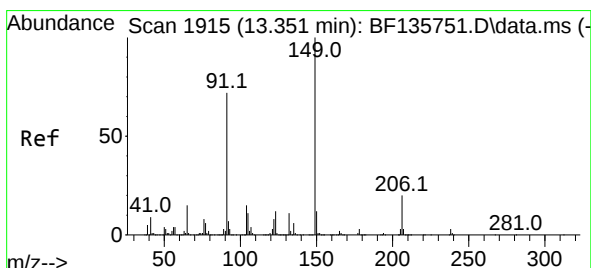
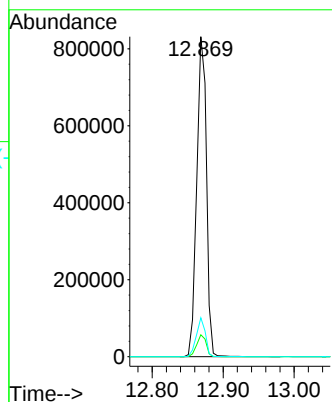
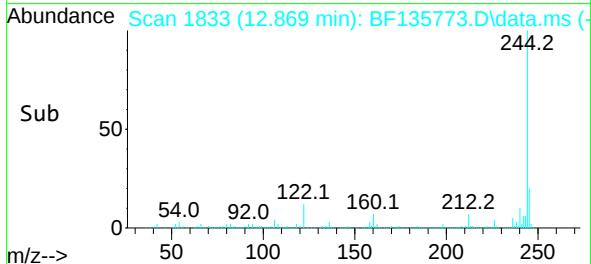
Instrument :
 BNA_F
 ClientSampleId :
 PP-20230928-B6A-0-7.5MS



Tgt Ion:244 Resp: 792680
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 12.2 9.0 13.6

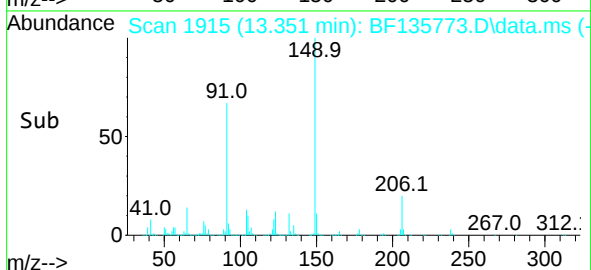
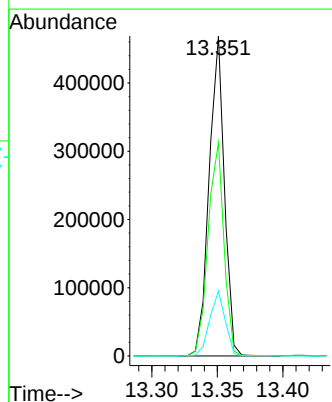
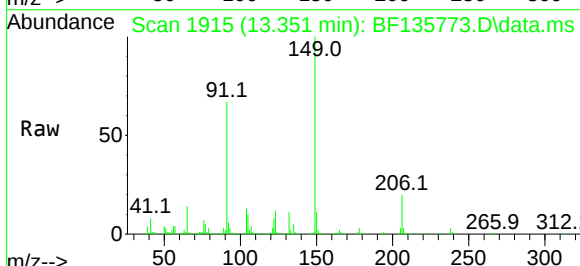
Manual Integrations
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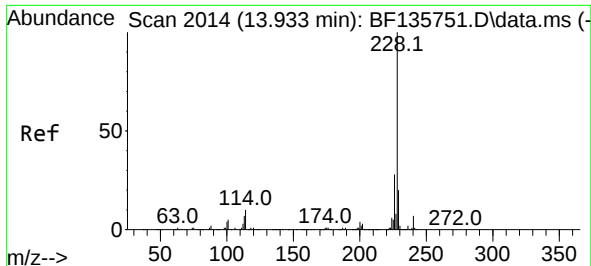
Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/17/2023



#80
 Butylbenzylphthalate
 Concen: 60.444 ng
 RT: 13.351 min Scan# 1915
 Delta R.T. -0.006 min
 Lab File: BF135773.D
 Acq: 16 Oct 2023 13:13

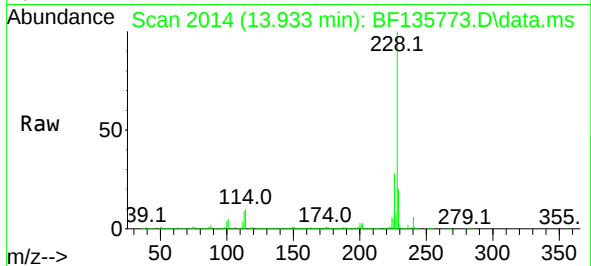
Tgt Ion:149 Resp: 380770
 Ion Ratio Lower Upper
 149 100
 91 66.7 57.4 86.0
 206 20.3 16.2 24.4





#81
Benzo(a)anthracene
Concen: 53.916 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

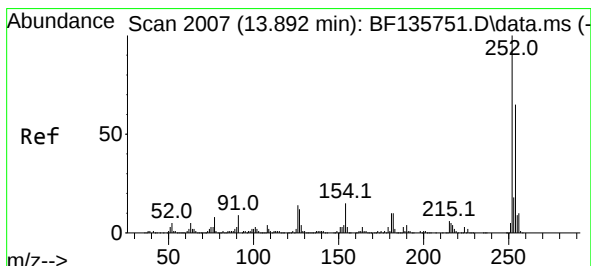
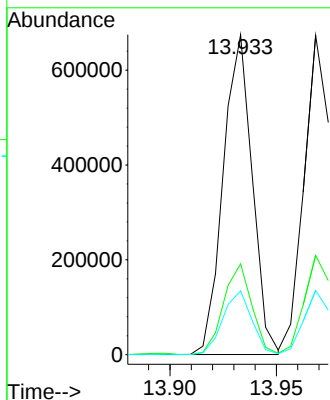
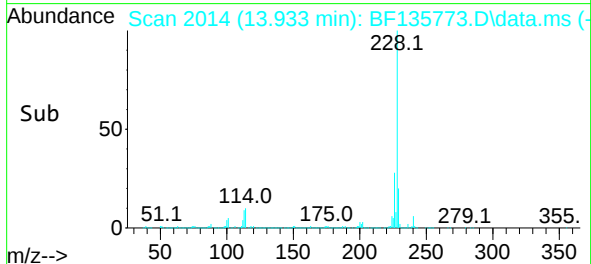
Instrument : BNA_F
ClientSampleId : PP-20230928-B6A-0-7.5MS



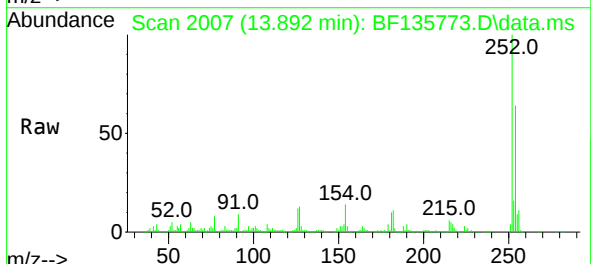
Tgt Ion:228 Resp: 638875
Ion Ratio Lower Upper
228 100
226 28.4 22.2 33.2
229 19.9 16.1 24.1

Manual Integrations
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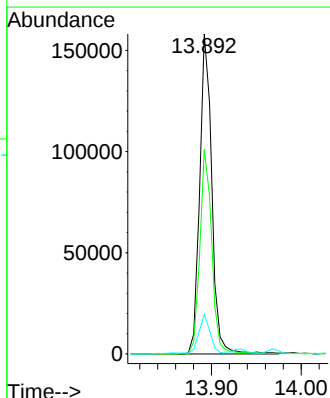
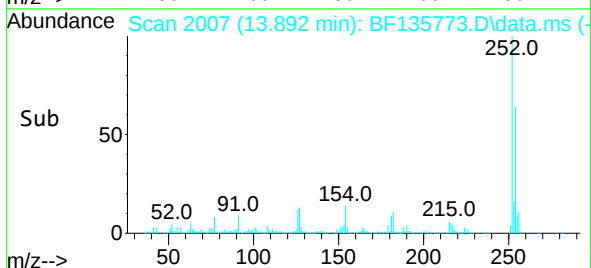
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

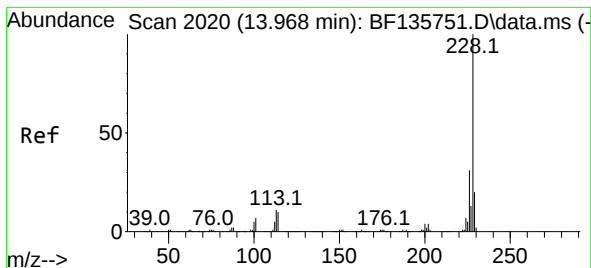


#82
3,3'-Dichlorobenzidine
Concen: 37.669 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13



Tgt Ion:252 Resp: 148035
Ion Ratio Lower Upper
252 100
254 63.9 51.8 77.6
126 12.4 11.0 16.4





#83

Chrysene

Concen: 51.676 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135773.D

Acq: 16 Oct 2023 13:13

Instrument :

BNA_F

ClientSampleId :

PP-20230928-B6A-0-7.5MS

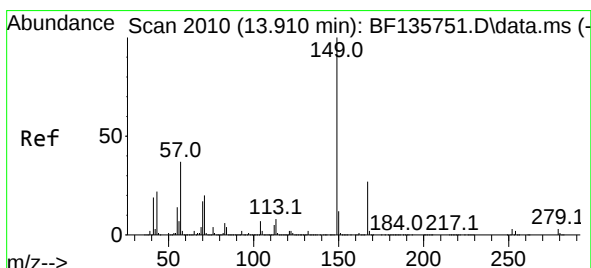
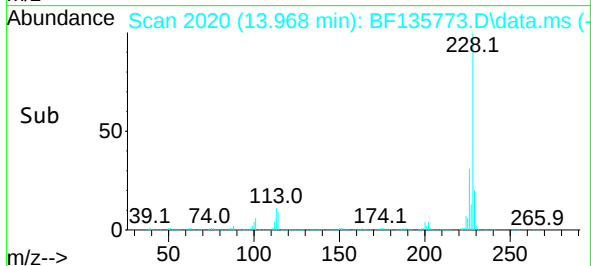
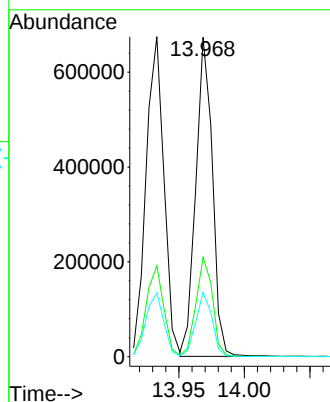
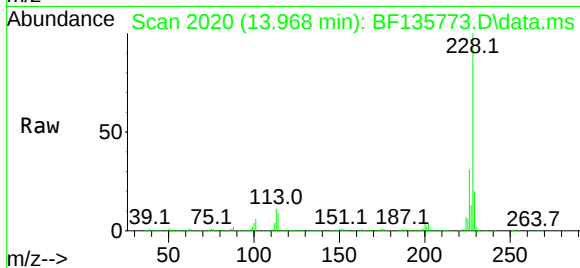
Tgt Ion:228 Resp: 593094
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.4 36.6
 229 20.1 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.882 ng

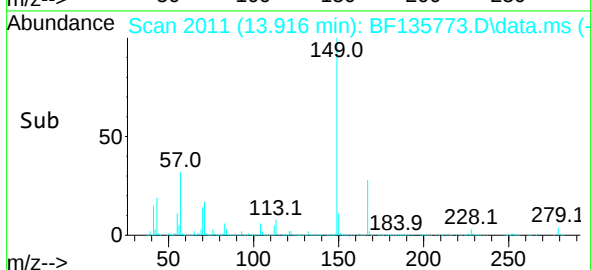
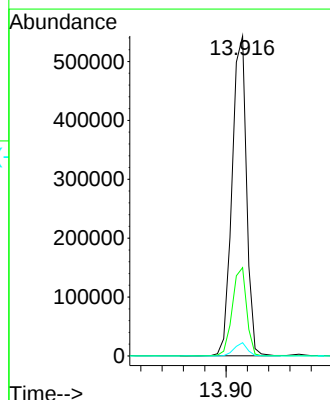
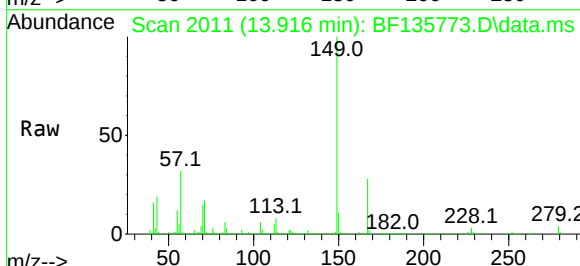
RT: 13.916 min Scan# 2011

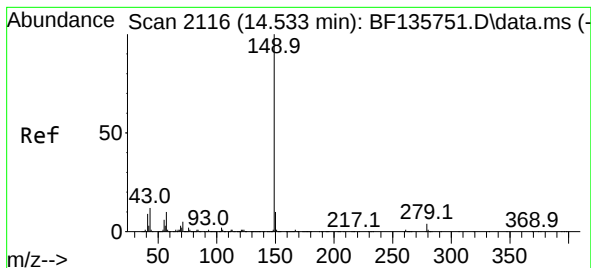
Delta R.T. -0.000 min

Lab File: BF135773.D

Acq: 16 Oct 2023 13:13

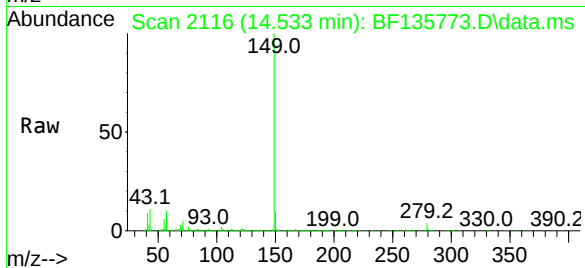
Tgt Ion:149 Resp: 511273
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.3 31.9
 279 4.2 2.7 4.1#





#85
Di-n-octyl phthalate
Concen: 56.607 ng
RT: 14.533 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

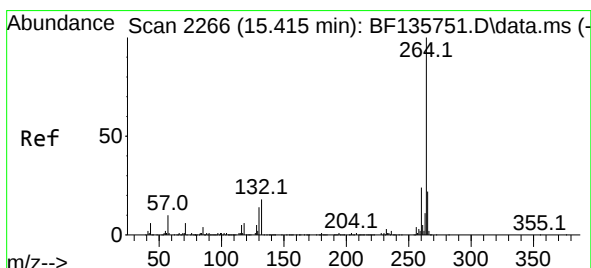
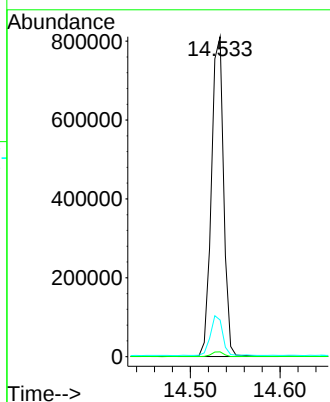
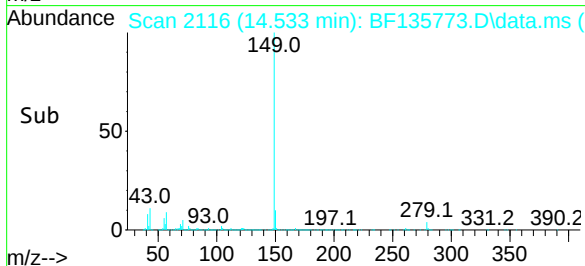
Instrument : BNA_F
ClientSampleId : PP-20230928-B6A-0-7.5MS



Tgt Ion:149 Resp: 766399
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 12.2 10.1 15.1

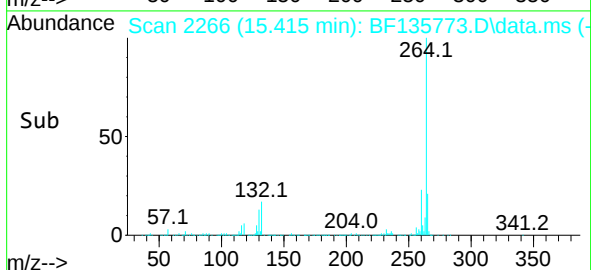
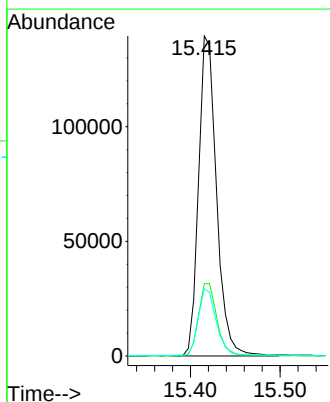
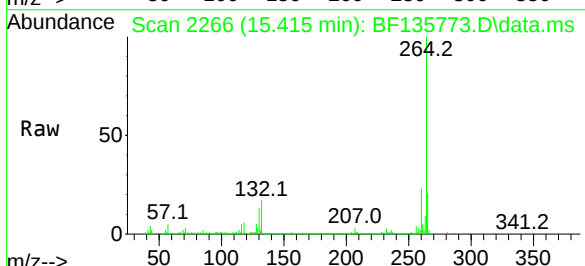
Manual Integrations
APPROVED

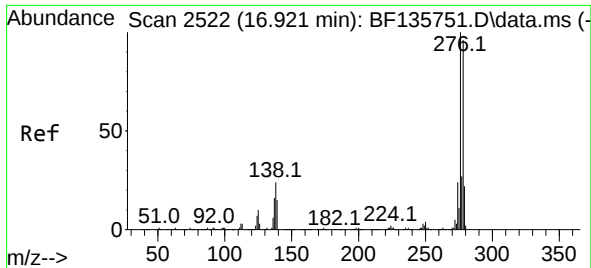
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2266
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

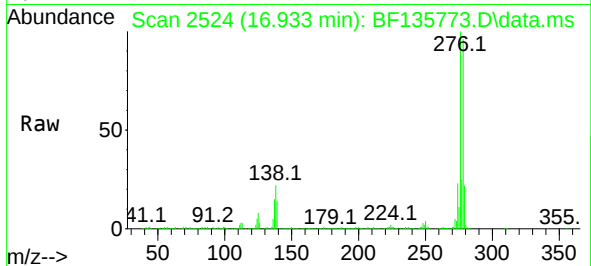
Tgt Ion:264 Resp: 193909
Ion Ratio Lower Upper
264 100
260 22.6 19.2 28.8
265 21.0 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 62.662 ng
RT: 16.933 min Scan# 2193
Delta R.T. -0.000 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

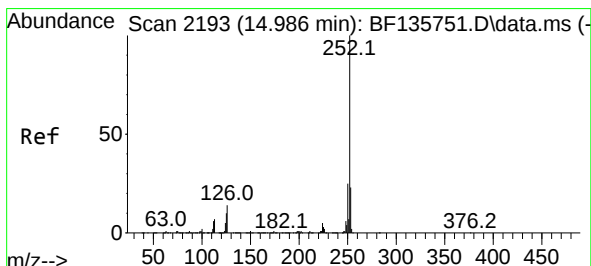
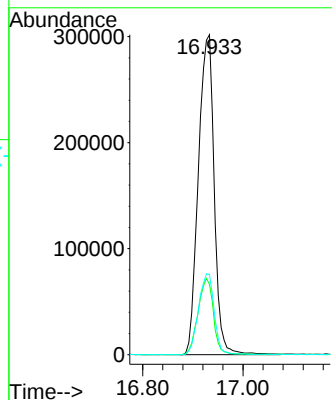
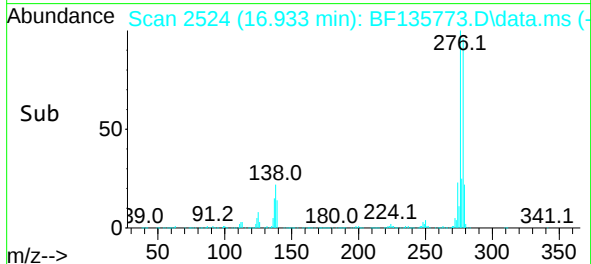
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MS



Tgt Ion:276 Resp: 662068
Ion Ratio Lower Upper
276 100
138 23.1 19.8 29.6
277 25.2 20.2 30.4

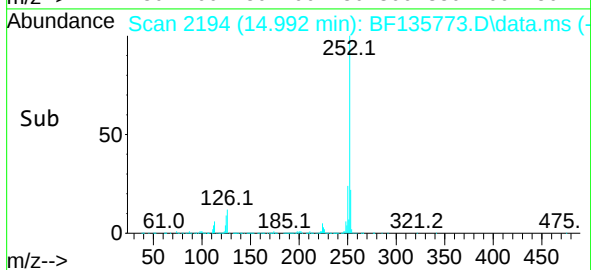
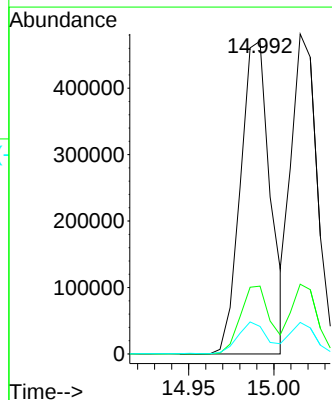
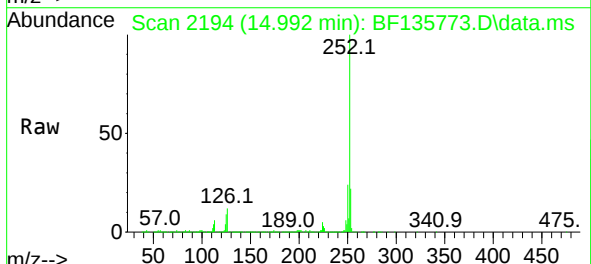
Manual Integrations
APPROVED

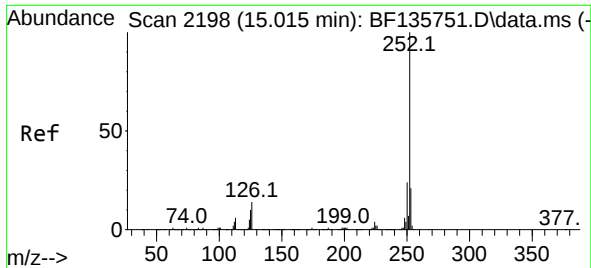
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#88
Benzo(b)fluoranthene
Concen: 52.791 ng
RT: 14.992 min Scan# 2194
Delta R.T. -0.000 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

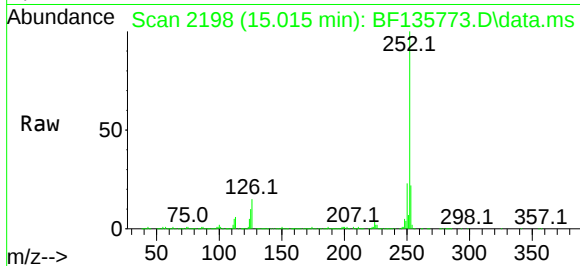
Tgt Ion:252 Resp: 572913
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.2
125 8.8 8.2 12.2





#89
Benzo(k)fluoranthene
Concen: 48.614 ng
RT: 15.015 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

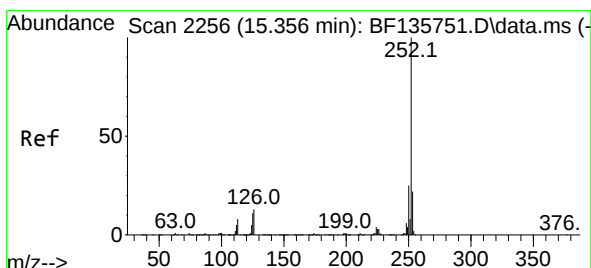
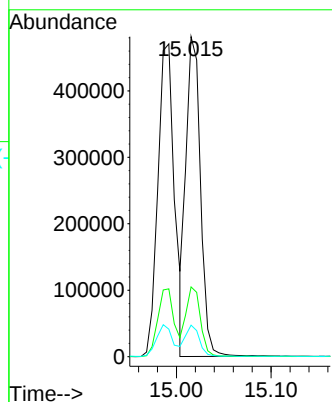
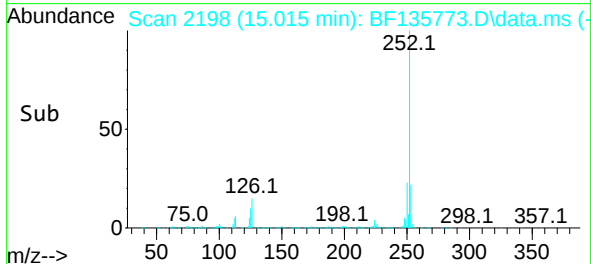
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MS



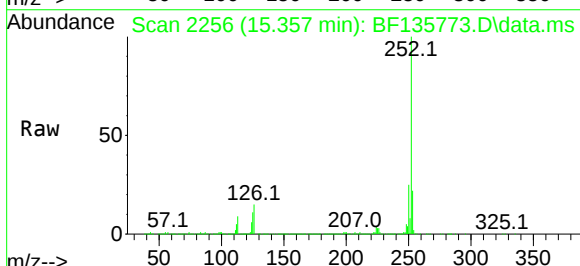
Tgt Ion:252 Resp: 51220
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 9.9 8.3 12.5

Manual Integrations
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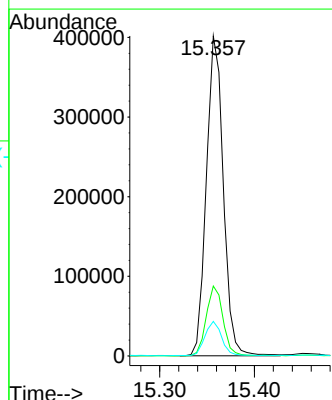
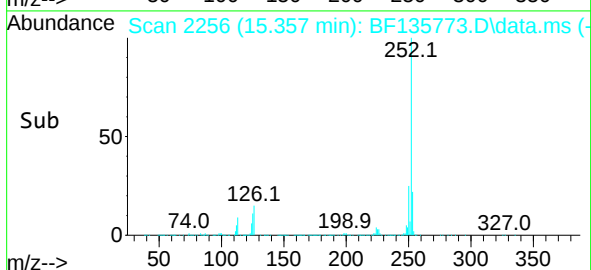
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

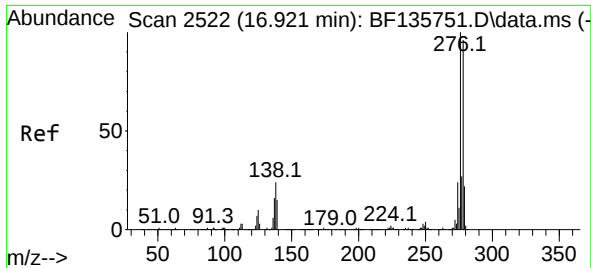


#90
Benzo(a)pyrene
Concen: 48.785 ng
RT: 15.357 min Scan# 2256
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13



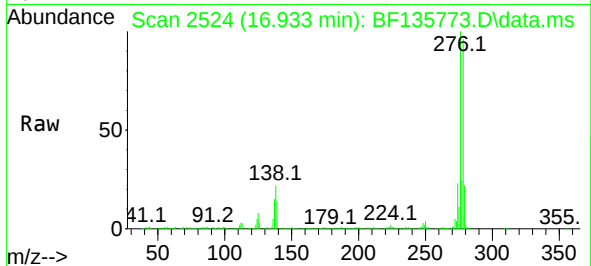
Tgt Ion:252 Resp: 497848
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 10.8 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 62.696 ng
RT: 16.933 min Scan# 210
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13

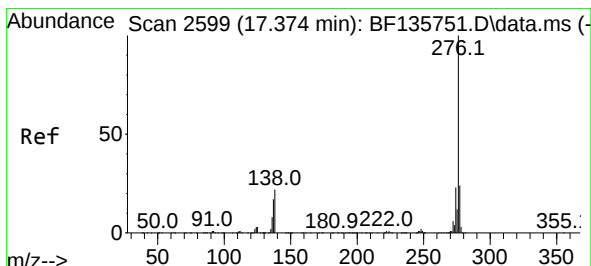
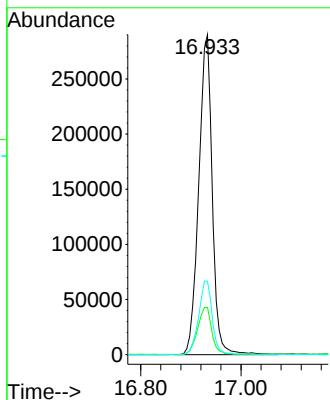
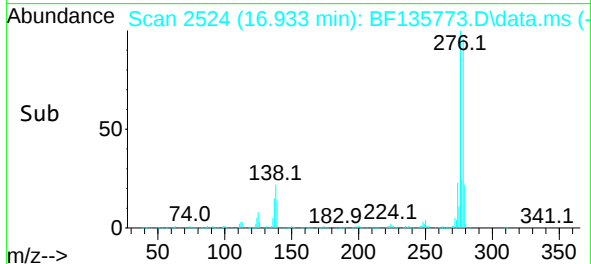
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MS



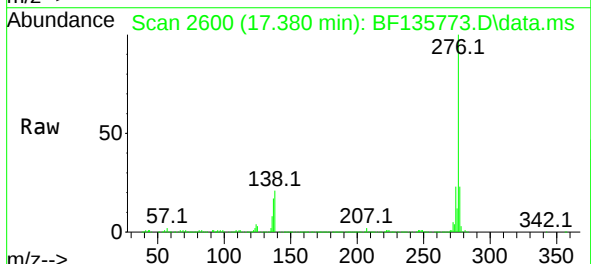
Tgt Ion:278 Resp: 54304
Ion Ratio Lower Upper
278 100
139 14.8 12.5 18.7
279 23.0 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#92
Benzo(g,h,i)perylene
Concen: 59.318 ng
RT: 17.380 min Scan# 2600
Delta R.T. -0.006 min
Lab File: BF135773.D
Acq: 16 Oct 2023 13:13



Tgt Ion:276 Resp: 527763
Ion Ratio Lower Upper
276 100
277 23.4 19.4 29.2
138 21.3 17.3 25.9

