

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072924\
 Data File : BF138672.D
 Acq On : 29 Jul 2024 16:42
 Operator : RC/JU
 Sample : P3393-12MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-852-GI-SO-9.5-10-072624MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024

Quant Time: Jul 29 17:06:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	95522	20.000	ng	-0.02
21) Naphthalene-d8	8.134	136	358163	20.000	ng	-0.02
39) Acenaphthene-d10	9.892	164	158180	20.000	ng	-0.01
64) Phenanthrene-d10	11.380	188	216292	20.000	ng	0.00
76) Chrysene-d12	14.022	240	145285	20.000	ng	0.00
86) Perylene-d12	15.486	264	107531	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	644843	106.915	ng	-0.01
7) Phenol-d6	6.493	99	863332	107.601	ng	-0.01
23) Nitrobenzene-d5	7.416	82	531773	72.896	ng	-0.02
42) 2,4,6-Tribromophenol	10.686	330	132871	89.878	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	763300	75.418	ng	-0.02
79) Terphenyl-d14	12.963	244	615284	68.993	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	101530	38.009	ng	97
3) Pyridine	3.428	79	266168	40.405	ng	95
4) n-Nitrosodimethylamine	3.387	42	192856	44.972	ng	85
6) Aniline	6.516	93	313302	41.689	ng	# 59
8) 2-Chlorophenol	6.640	128	311330	48.817	ng	99
9) Benzaldehyde	6.398	77	18287	4.258	ng	96
10) Phenol	6.510	94	413968	48.608	ng	81
11) bis(2-Chloroethyl)ether	6.587	93	316500	49.360	ng	98
12) 1,3-Dichlorobenzene	6.793	146	318512	44.431	ng	99
13) 1,4-Dichlorobenzene	6.869	146	324098	44.521	ng	98
14) 1,2-Dichlorobenzene	7.022	146	307251	45.317	ng	98
15) Benzyl Alcohol	6.998	79	292062	48.504	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.122	45	548690	43.514	ng	75
17) 2-Methylphenol	7.110	107	246668	47.193	ng	94
18) Hexachloroethane	7.357	117	110434	41.266	ng	94
19) n-Nitroso-di-n-propyla...	7.269	70	233224	47.042	ng	91
20) 3+4-Methylphenols	7.263	107	307179	46.671	ng	91
22) Acetophenone	7.263	105	391384	44.993	ng	99
24) Nitrobenzene	7.434	77	346205	46.701	ng	97
25) Isophorone	7.675	82	611791	48.835	ng	99
26) 2-Nitrophenol	7.751	139	148068	46.602	ng	98
27) 2,4-Dimethylphenol	7.787	122	205103	52.522	ng	98
28) bis(2-Chloroethoxy)met...	7.881	93	375030	50.091	ng	99
29) 2,4-Dichlorophenol	7.992	162	229684	45.292	ng	97
30) 1,2,4-Trichlorobenzene	8.075	180	256063	43.345	ng	99
31) Naphthalene	8.157	128	846850	45.463	ng	100
32) Benzoic acid	7.922	122	106489m	28.591	ng	
33) 4-Chloroaniline	8.204	127	198192	30.324	ng	99
34) Hexachlorobutadiene	8.269	225	149976	41.227	ng	100
35) Caprolactam	8.587	113	68975	42.151	ng	96
36) 4-Chloro-3-methylphenol	8.698	107	256191	45.126	ng	98
37) 2-Methylnaphthalene	8.845	142	516812	43.114	ng	99
38) 1-Methylnaphthalene	8.945	142	475014	40.603	ng	99
40) 1,2,4,5-Tetrachloroben...	9.016	216	208773	47.356	ng	99
41) Hexachlorocyclopentadiene	8.998	237	45880	32.063	ng	99
43) 2,4,6-Trichlorophenol	9.134	196	136006	48.364	ng	98

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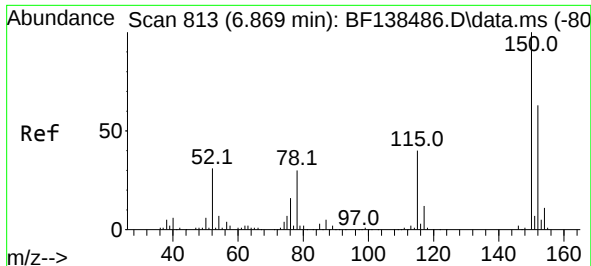
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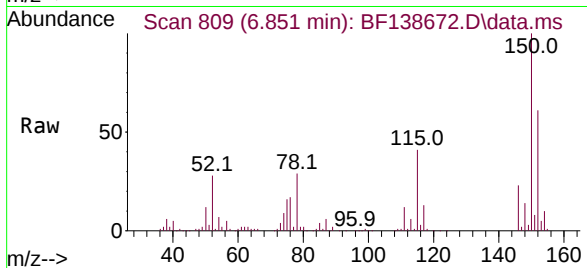
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	136772	44.220	ng	95
46) 1,1'-Biphenyl	9.316	154	578841	48.287	ng	99
47) 2-Chloronaphthalene	9.339	162	441987	48.805	ng	99
48) 2-Nitroaniline	9.439	65	161711	51.530	ng	98
49) Acenaphthylene	9.757	152	665893	51.790	ng	100
50) Dimethylphthalate	9.616	163	542327	53.023	ng	100
51) 2,6-Dinitrotoluene	9.681	165	108473	46.060	ng	90
52) Acenaphthene	9.928	154	395826m	46.313	ng	
53) 3-Nitroaniline	9.851	138	93816	38.868	ng	94
54) 2,4-Dinitrophenol	9.963	184	20675	20.071	ng	92
55) Dibenzofuran	10.098	168	566703	45.714	ng	99
56) 4-Nitrophenol	10.022	139	131138	73.632	ng	96
57) 2,4-Dinitrotoluene	10.086	165	130593	42.858	ng	94
58) Fluorene	10.439	166	422496	43.073	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	94305	38.633	ng	99
60) Diethylphthalate	10.316	149	482588	48.942	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	212634	43.170	ng	96
62) 4-Nitroaniline	10.463	138	94009	38.867	ng	98
63) Azobenzene	10.592	77	475601	44.863	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	20789	16.646	ng	75
66) n-Nitrosodiphenylamine	10.551	169	368900	56.927	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	114269	51.401	ng	100
68) Hexachlorobenzene	10.986	284	121617	49.244	ng	98
69) Atrazine	11.081	200	103045	47.961	ng	98
70) Pentachlorophenol	11.186	266	114093	78.073	ng	97
71) Phenanthrene	11.404	178	550968	50.421	ng	99
72) Anthracene	11.457	178	561185	51.736	ng	100
73) Carbazole	11.610	167	493735	50.650	ng	99
74) Di-n-butylphthalate	11.939	149	616363	54.855	ng	99
75) Fluoranthene	12.592	202	580721	52.082	ng	98
77) Benzidine	12.716	184	315167	85.982	ng	100
78) Pyrene	12.822	202	597963	40.544	ng	100
80) Butylbenzylphthalate	13.439	149	259833	58.566	ng	99
81) Benzo(a)anthracene	14.010	228	483432	49.590	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	148997	59.315	ng	98
83) Chrysene	14.045	228	449080	48.695	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	343785	72.656	ng	99
85) Di-n-octyl phthalate	14.604	149	536485	71.772	ng	100
87) Indeno(1,2,3-cd)pyrene	16.962	276	329935	45.679	ng	99
88) Benzo(b)fluoranthene	15.057	252	354054	58.465	ng	99
89) Benzo(k)fluoranthene	15.086	252	293832	49.750	ng	99
90) Benzo(a)pyrene	15.427	252	276796	52.031	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	261380	44.239	ng	98
92) Benzo(g,h,i)perylene	17.410	276	255449	40.773	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

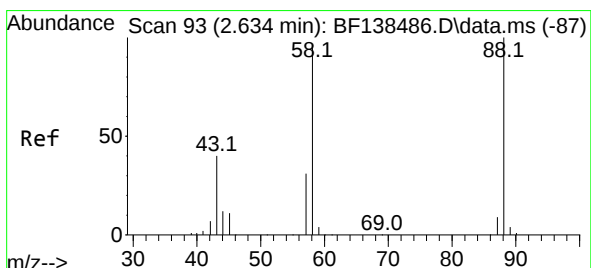
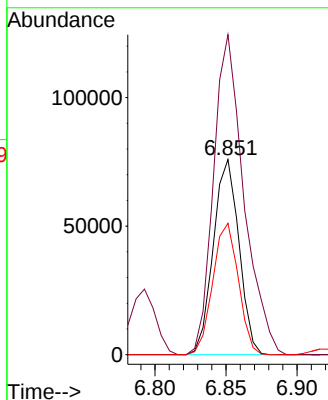
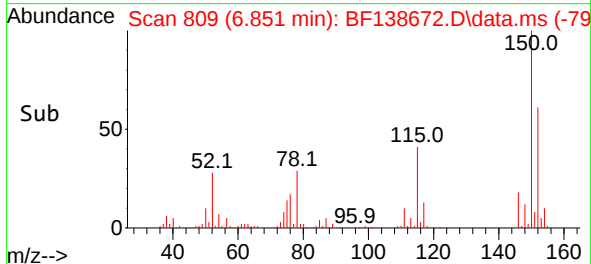
Instrument :
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Tgt Ion:152 Resp: 9552
Ion Ratio Lower Upper
152 100
150 163.9 126.2 189.4
115 67.3 50.3 75.5

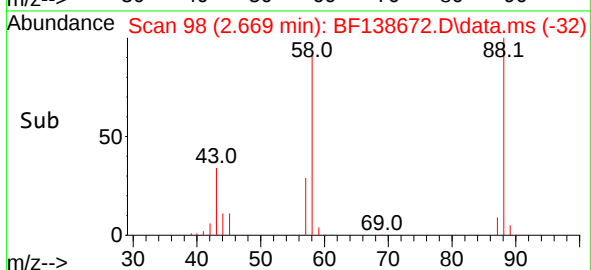
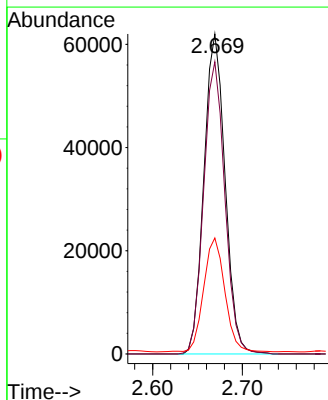
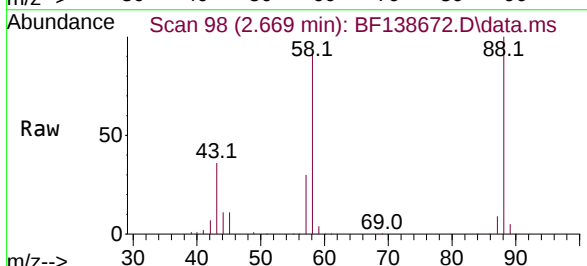
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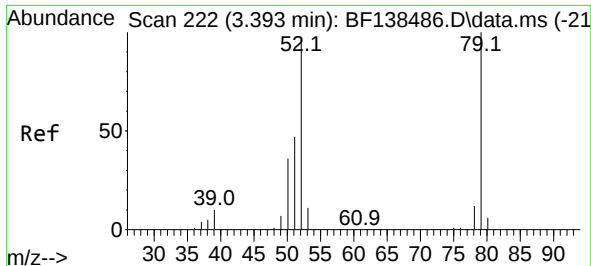
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#2
1,4-Dioxane
Concen: 38.009 ng
RT: 2.669 min Scan# 98
Delta R.T. 0.036 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

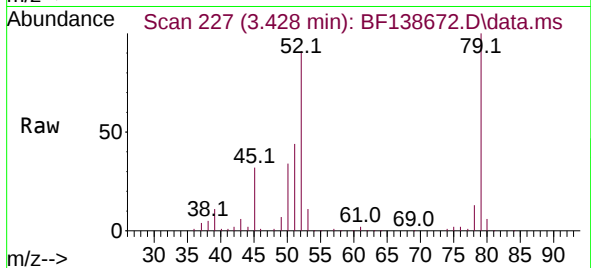
Tgt Ion: 88 Resp: 101530
Ion Ratio Lower Upper
88 100
58 91.5 74.6 112.0
43 35.6 31.8 47.6





#3
Pyridine
Concen: 40.405 ng
RT: 3.428 min Scan# 21
Delta R.T. 0.036 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

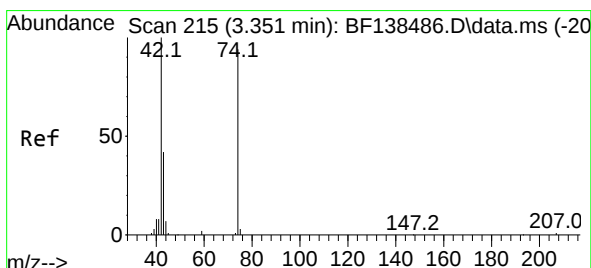
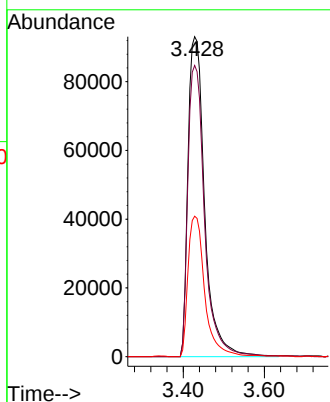
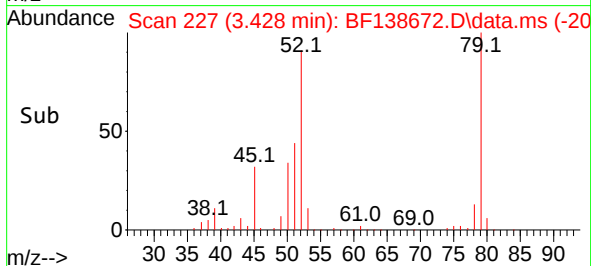
Instrument :
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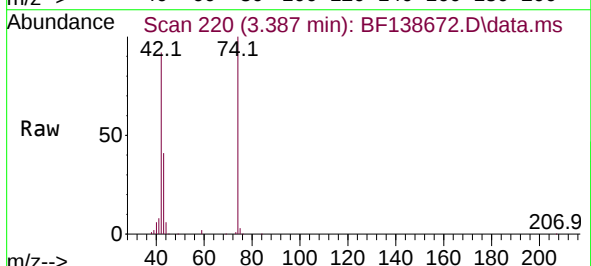
Tgt Ion: 79 Resp: 26616
Ion Ratio Lower Upper
79 100
52 91.0 77.4 116.2
51 43.9 37.4 56.0

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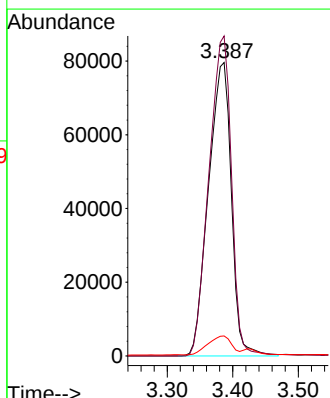
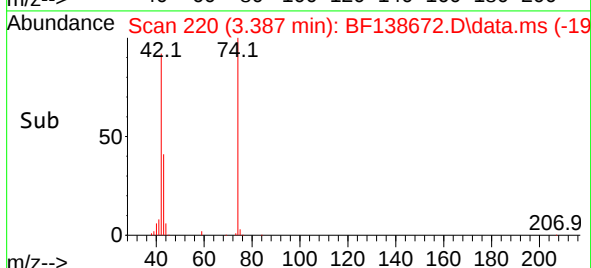
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#4
n-Nitrosodimethylamine
Concen: 44.972 ng
RT: 3.387 min Scan# 220
Delta R.T. 0.036 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42



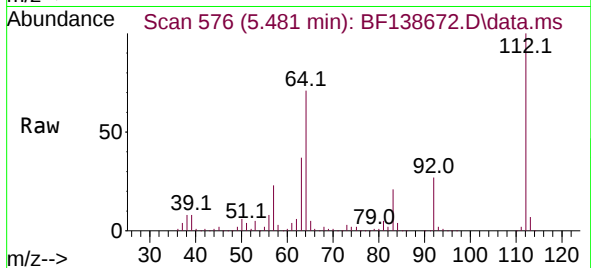
Tgt Ion: 42 Resp: 192856
Ion Ratio Lower Upper
42 100
74 109.0 75.0 112.6
44 6.8 5.4 8.2





#5
2-Fluorophenol
Concen: 106.915 ng
RT: 5.481 min Scan# 51
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

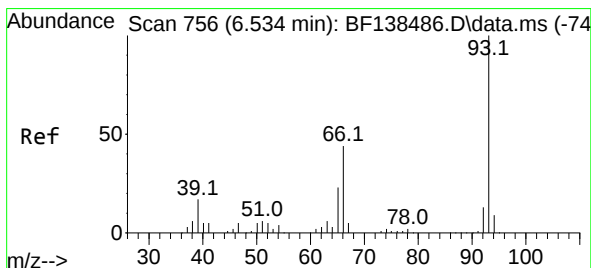
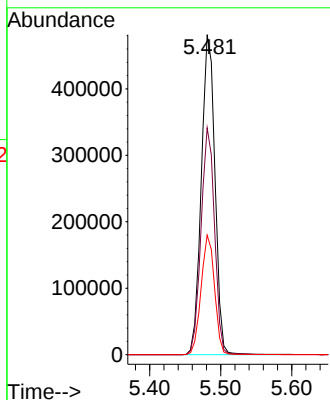
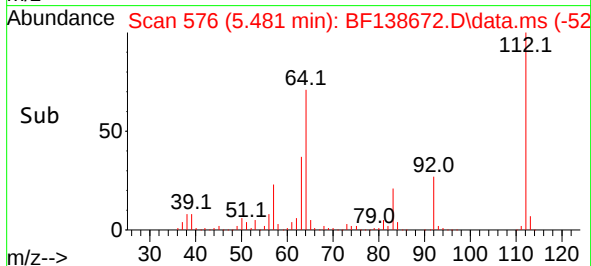
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:112 Resp: 64484
Ion Ratio Lower Upper
112 100
64 70.9 55.1 82.7
63 37.4 29.0 43.6

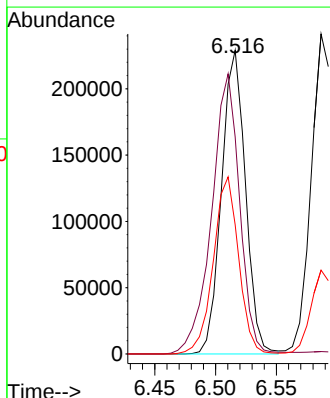
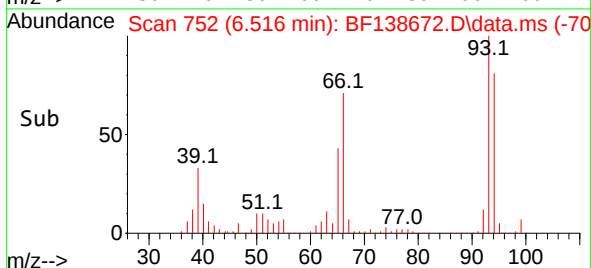
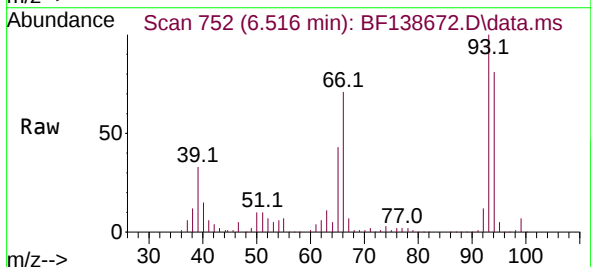
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#6
Aniline
Concen: 41.689 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.017 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

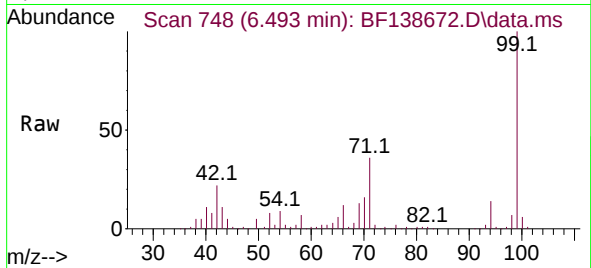
Tgt Ion: 93 Resp: 313302
Ion Ratio Lower Upper
93 100
66 71.5 35.4 53.0#
65 42.6 18.6 27.8#





#7
Phenol-d6
Concen: 107.601 ng
RT: 6.493 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

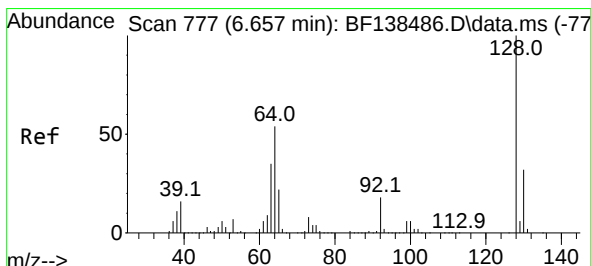
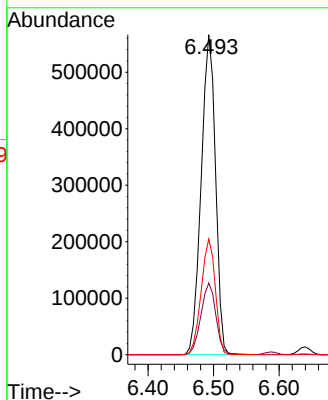
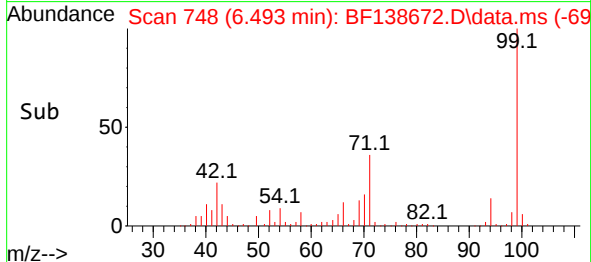
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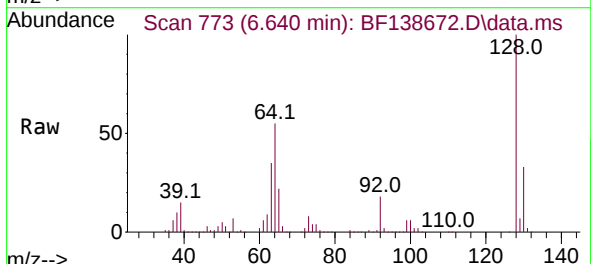
Tgt Ion: 99 Resp: 86333
Ion Ratio Lower Upper
99 100
42 22.4 19.7 29.5
71 36.1 29.9 44.9

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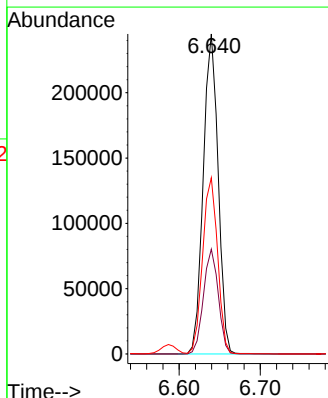
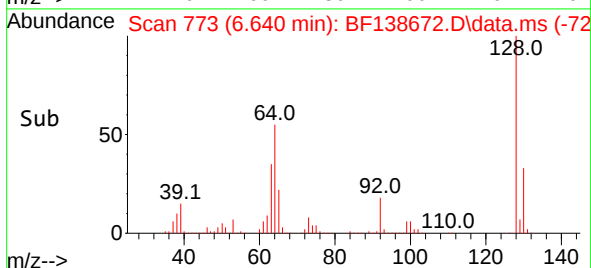
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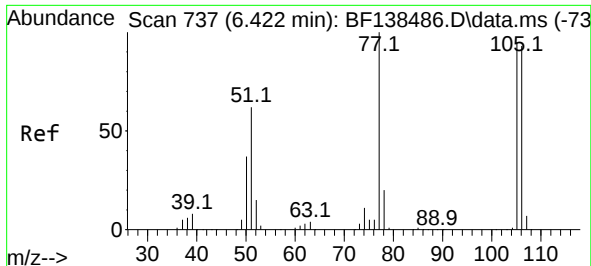


#8
2-Chlorophenol
Concen: 48.817 ng
RT: 6.640 min Scan# 773
Delta R.T. -0.017 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42



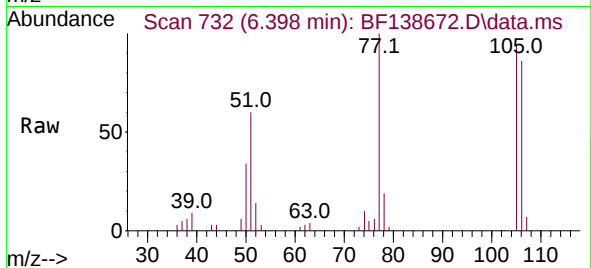
Tgt Ion:128 Resp: 311330
Ion Ratio Lower Upper
128 100
130 32.7 12.1 52.1
64 55.0 34.4 74.4





#9
Benzaldehyde
Concen: 4.258 ng
RT: 6.398 min Scan# 710
Delta R.T. -0.024 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

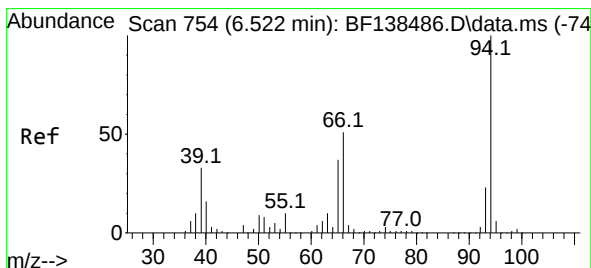
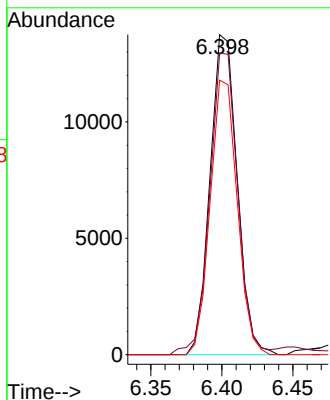
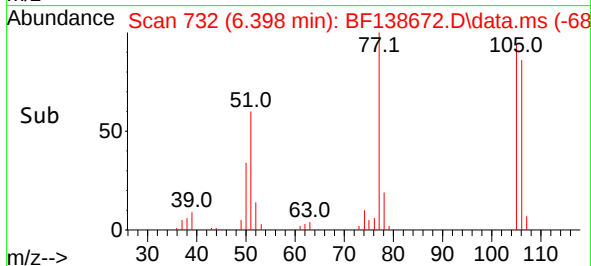
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 77 Resp: 1828
Ion Ratio Lower Upper
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105 94.3 75.1 115.1
106 85.8 73.2 113.2

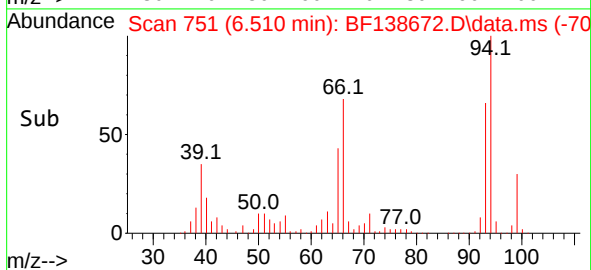
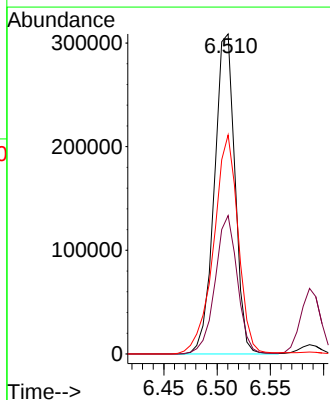
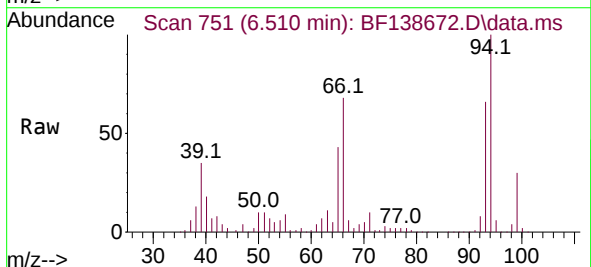
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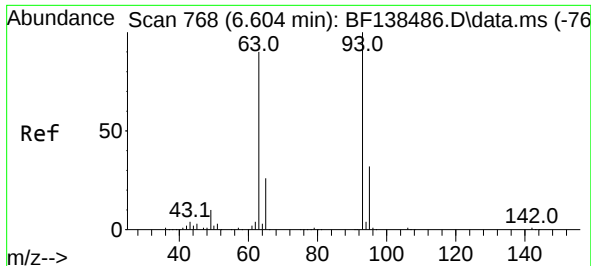
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#10
Phenol
Concen: 48.608 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

Tgt Ion: 94 Resp: 413968
Ion Ratio Lower Upper
94 100
65 43.3 16.7 56.7
66 68.5 31.2 71.2





#11

bis(2-Chloroethyl)ether

Concen: 49.360 ng

RT: 6.587 min Scan# 709

Delta R.T. -0.017 min

Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MS

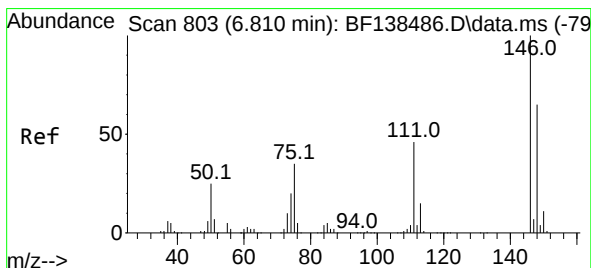
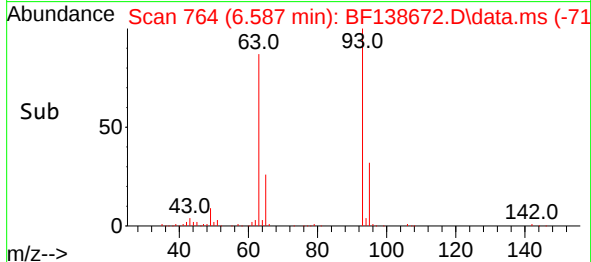
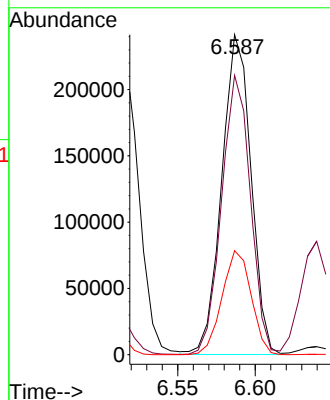
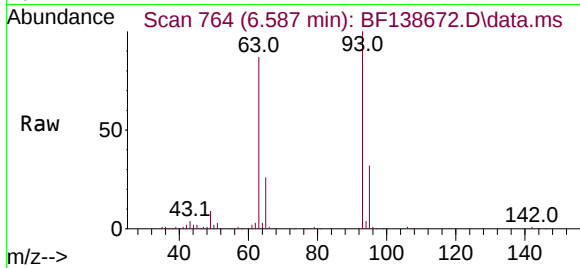
Tgt Ion: 93 Resp: 316500
 Ion Ratio Lower Upper
 93 100
 63 87.3 68.8 108.8
 95 32.5 11.8 51.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 07/31/2024



#12

1,3-Dichlorobenzene

Concen: 44.431 ng

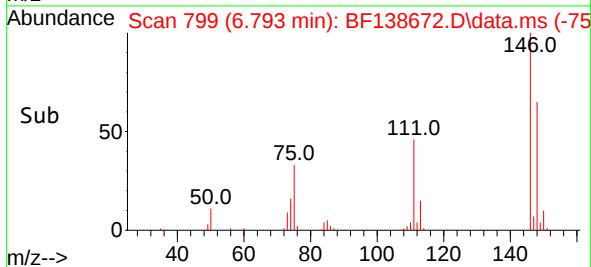
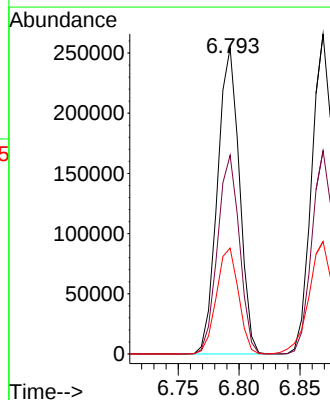
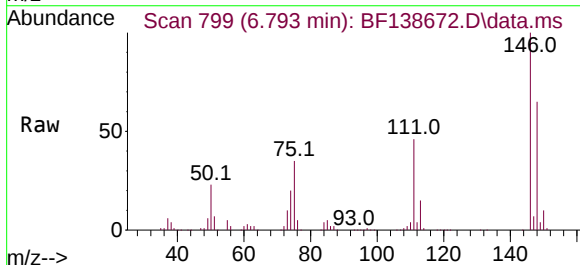
RT: 6.793 min Scan# 799

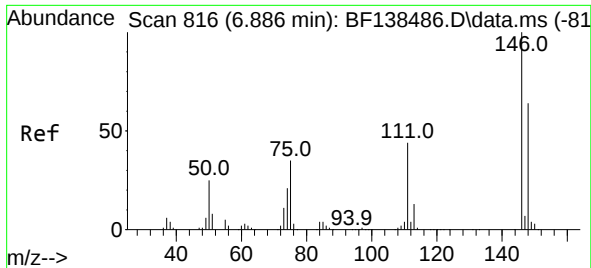
Delta R.T. -0.017 min

Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

Tgt Ion:146 Resp: 318512
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.4 78.6
 75 34.6 27.8 41.8





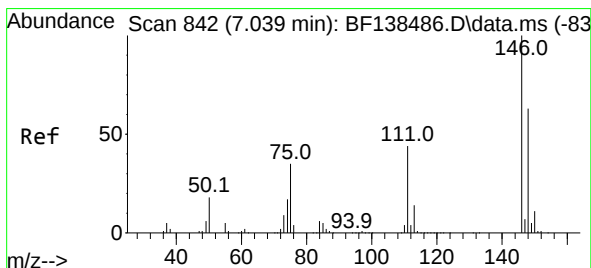
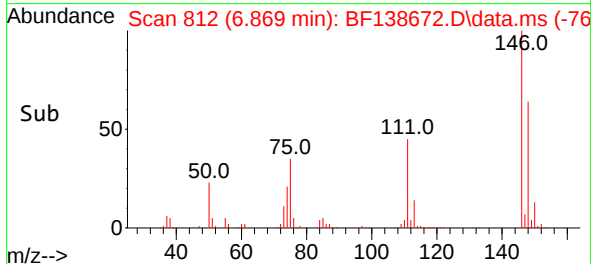
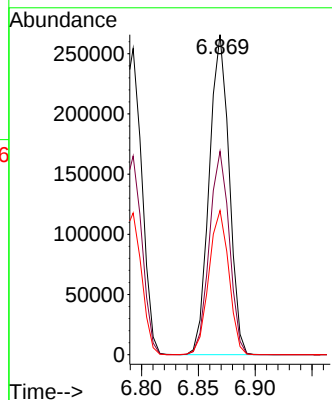
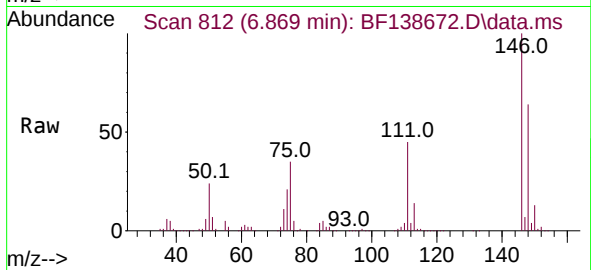
#13
1,4-Dichlorobenzene
Concen: 44.521 ng
RT: 6.869 min Scan# 816
Delta R.T. -0.017 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS

Tgt Ion:146 Resp: 324098
Ion Ratio Lower Upper
146 100
148 63.5 51.6 77.4
111 45.0 34.9 52.3

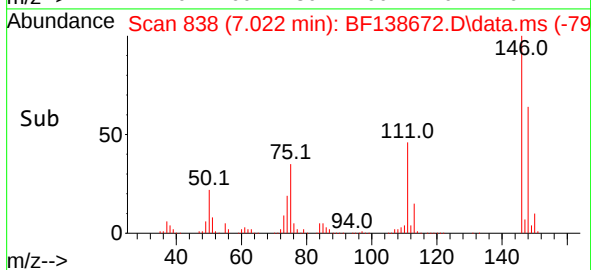
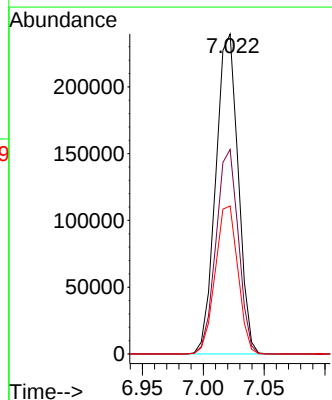
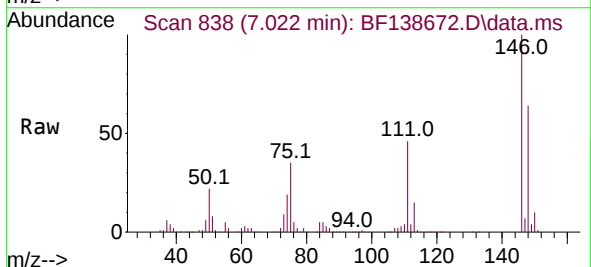
Manual Integrations
APPROVED

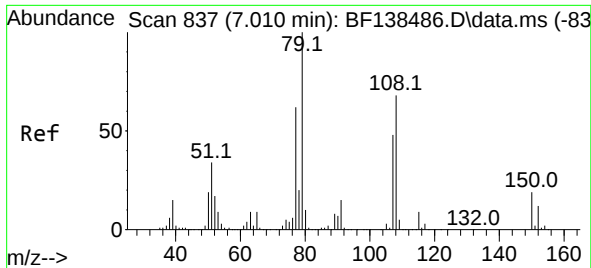
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#14
1,2-Dichlorobenzene
Concen: 45.317 ng
RT: 7.022 min Scan# 838
Delta R.T. -0.017 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

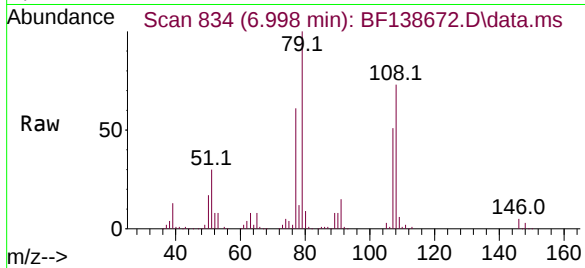
Tgt Ion:146 Resp: 307251
Ion Ratio Lower Upper
146 100
148 63.9 50.1 75.1
111 46.3 35.5 53.3





#15
Benzyl Alcohol
Concen: 48.504 ng
RT: 6.998 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

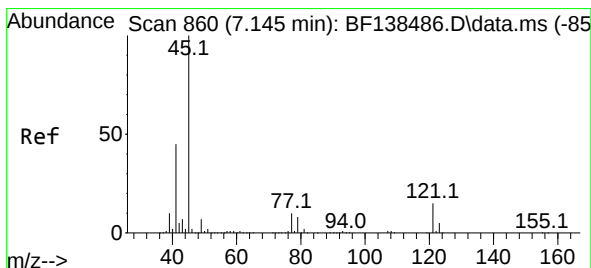
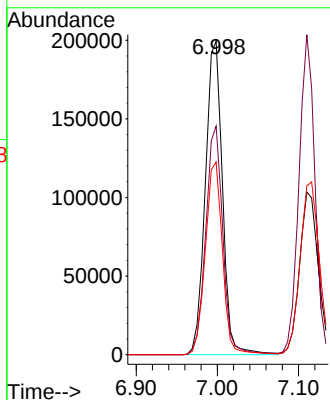
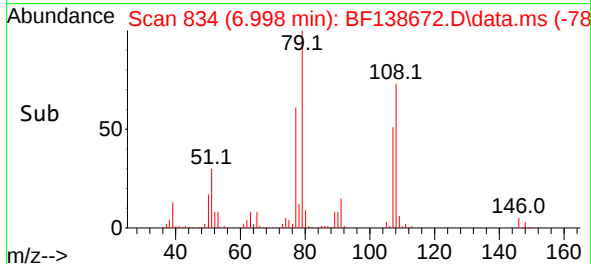
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



Tgt Ion: 79 Resp: 292062
Ion Ratio Lower Upper
79 100
108 72.9 54.3 81.5
77 61.5 50.0 75.0

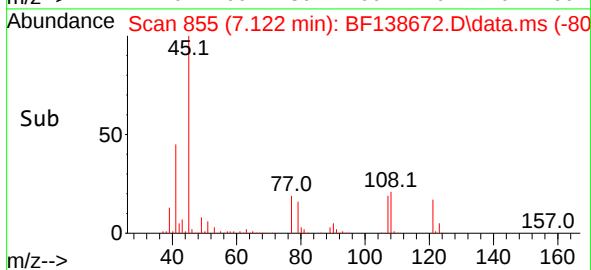
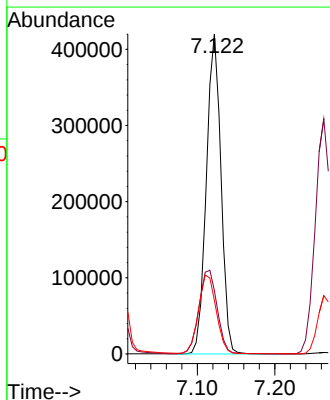
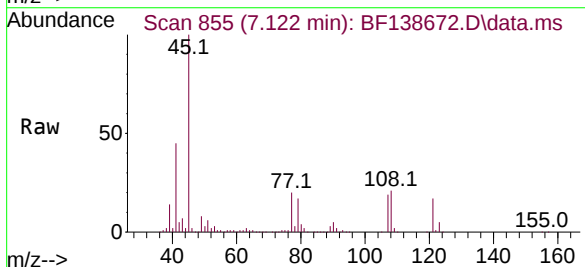
Manual Integrations
APPROVED

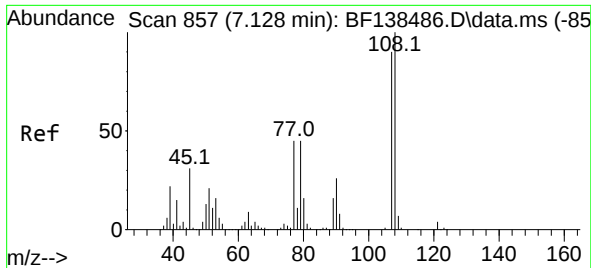
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.514 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.023 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

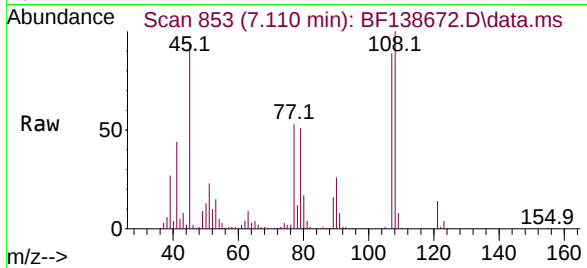
Tgt Ion: 45 Resp: 548690
Ion Ratio Lower Upper
45 100
77 19.8 0.0 30.4
79 16.7 0.0 28.1





#17
2-Methylphenol
Concen: 47.193 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.017 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

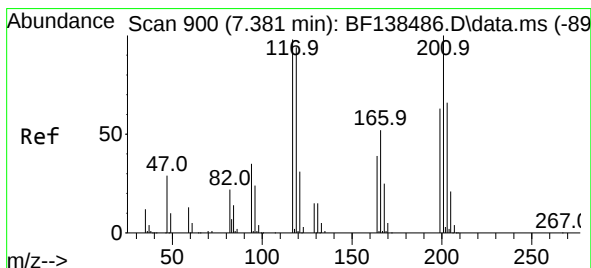
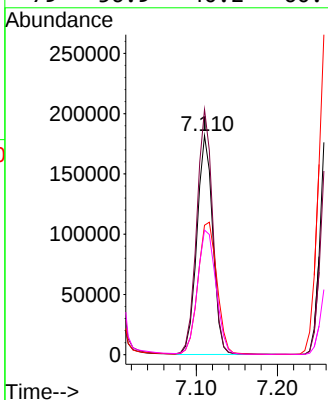
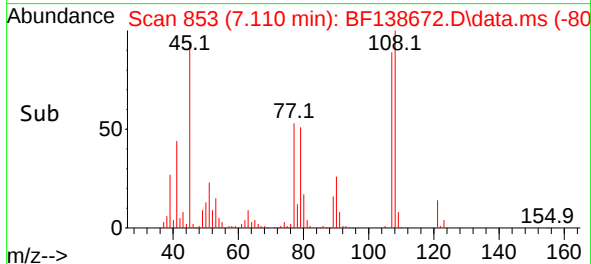
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



Tgt Ion:107 Resp: 246668
Ion Ratio Lower Upper
107 100
108 112.0 89.0 133.4
77 59.1 40.3 60.5
79 56.9 40.2 60.4

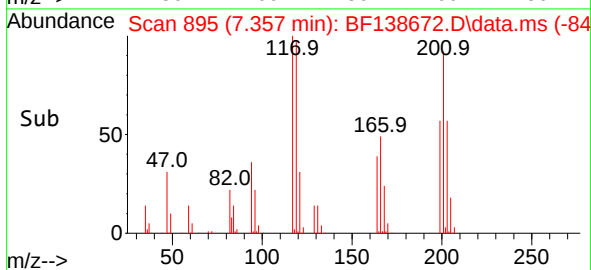
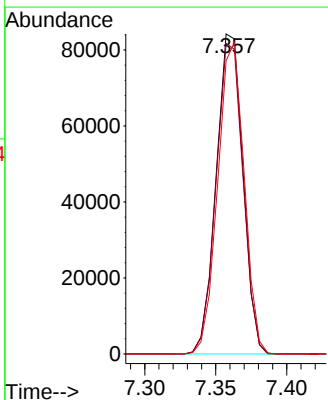
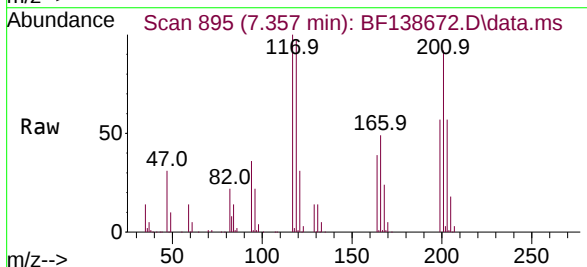
Manual Integrations
APPROVED

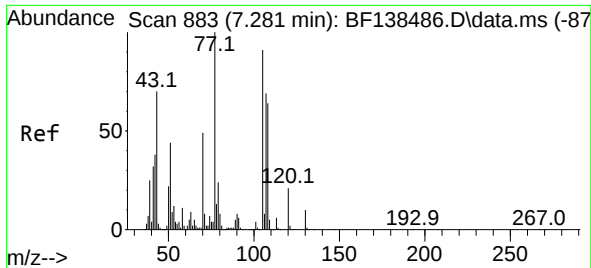
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#18
Hexachloroethane
Concen: 41.266 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.023 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

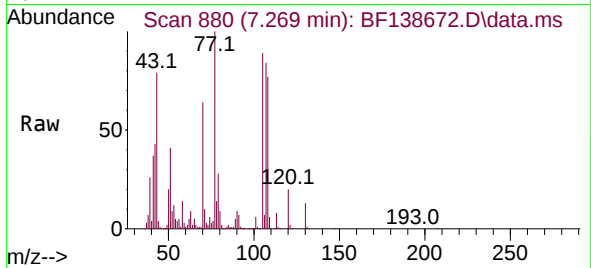
Tgt Ion:117 Resp: 110434
Ion Ratio Lower Upper
117 100
119 97.1 76.6 114.8
201 91.6 81.4 122.0





#19
n-Nitroso-di-n-propylamine
Concen: 47.042 ng
RT: 7.269 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

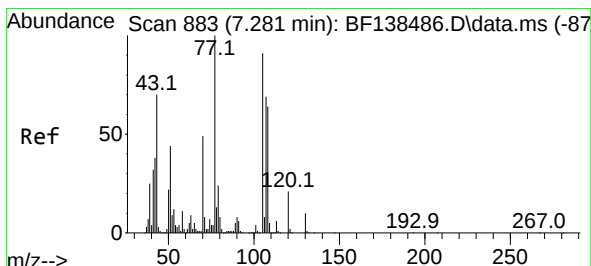
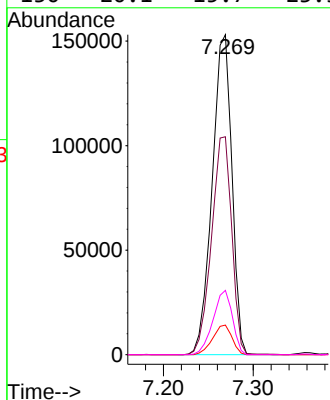
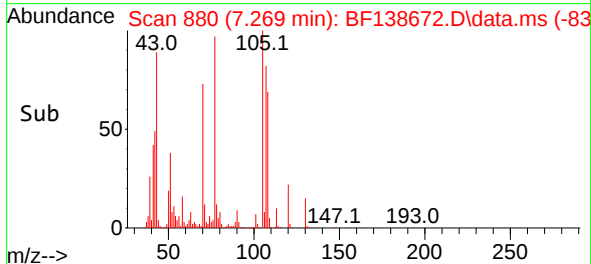
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



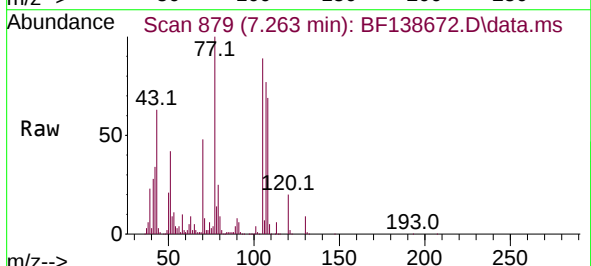
Tgt Ion: 70 Resp: 233224
Ion Ratio Lower Upper
70 100
42 68.1 62.4 93.6
101 9.3 7.2 10.8
130 20.1 15.7 23.5

Manual Integrations
APPROVED

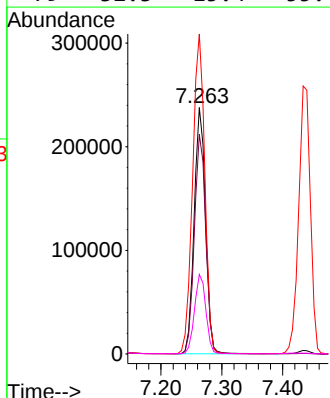
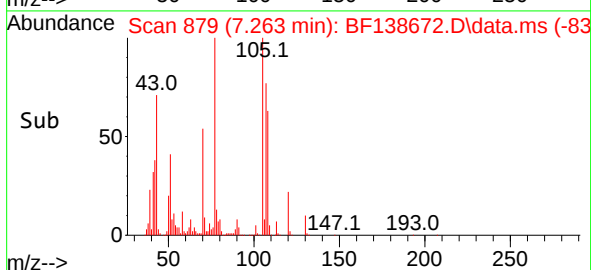
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

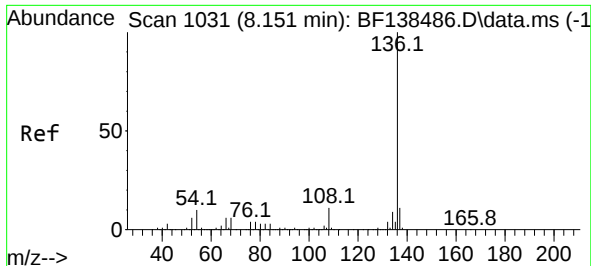


#20
3+4-Methylphenols
Concen: 46.671 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.017 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42



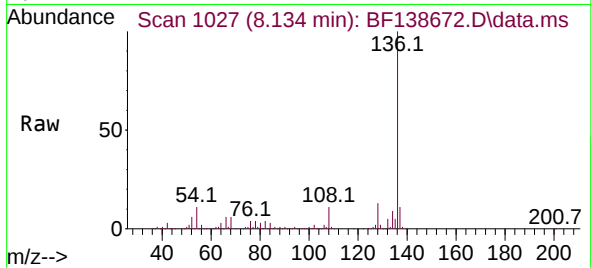
Tgt Ion:107 Resp: 307179
Ion Ratio Lower Upper
107 100
108 89.2 73.7 113.7
77 129.9 126.0 166.0
79 32.3 15.4 55.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1031
Delta R.T. -0.017 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

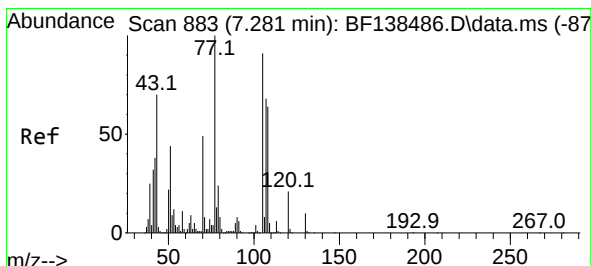
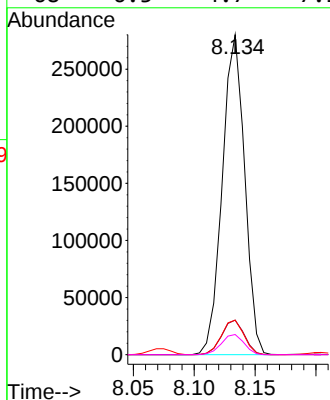
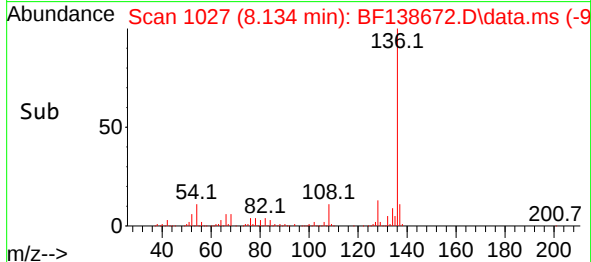
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



Tgt Ion:136 Resp: 35816
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 10.8 8.1 12.1
68 6.3 4.7 7.1

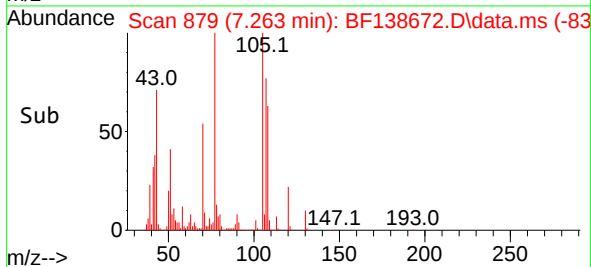
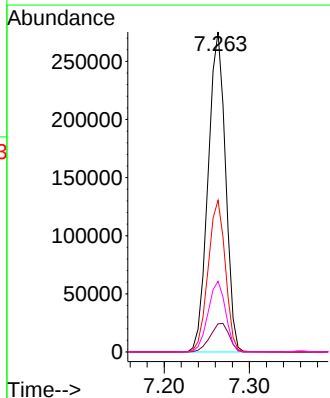
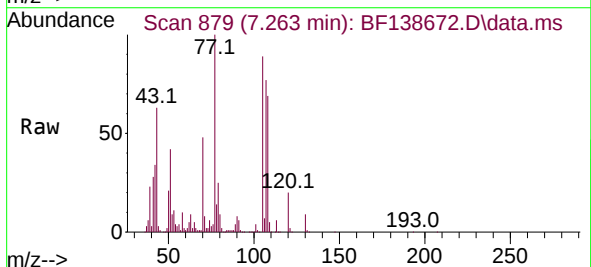
Manual Integrations
APPROVED

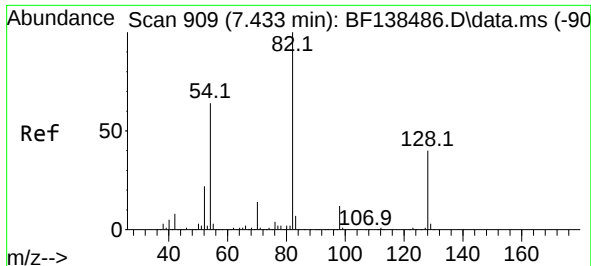
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#22
Acetophenone
Concen: 44.993 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.017 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

Tgt Ion:105 Resp: 391384
Ion Ratio Lower Upper
105 100
71 8.8 7.4 11.2
51 47.4 38.7 58.1
120 22.1 18.2 27.2





#23

Nitrobenzene-d5

Concen: 72.896 ng

RT: 7.416 min Scan# 90

Delta R.T. -0.017 min

Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MS

Tgt Ion: 82 Resp: 53177

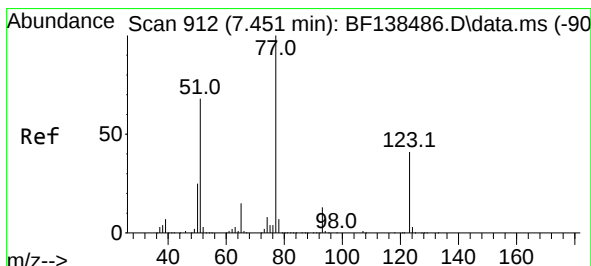
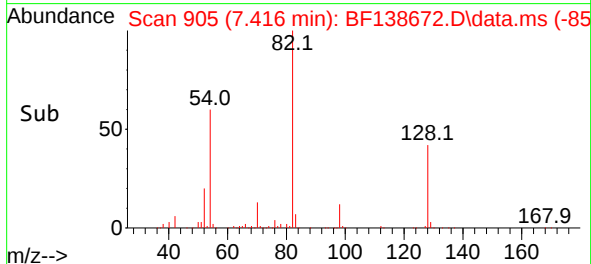
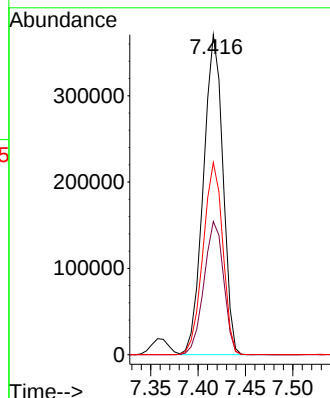
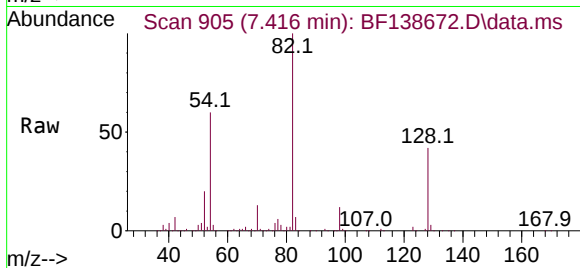
Ion	Ratio	Lower	Upper
82	100		
128	41.6	32.3	48.5
54	60.1	51.4	77.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 07/31/2024



#24

Nitrobenzene

Concen: 46.701 ng

RT: 7.434 min Scan# 908

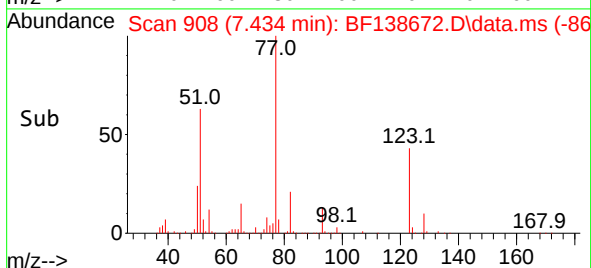
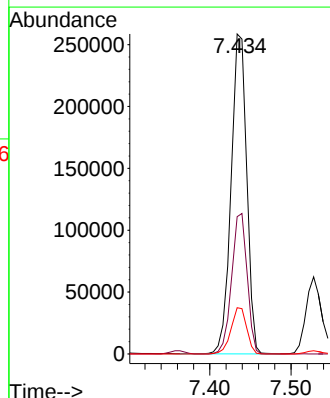
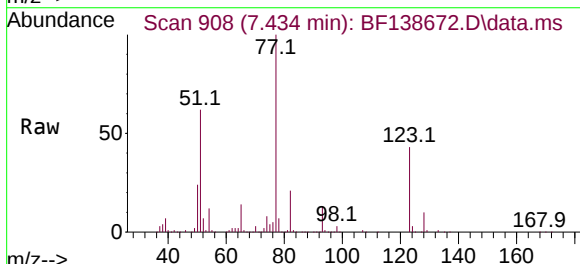
Delta R.T. -0.017 min

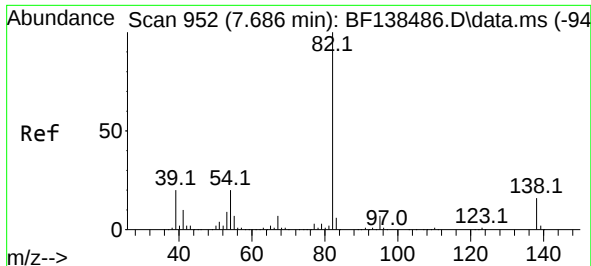
Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

Tgt Ion: 77 Resp: 346205

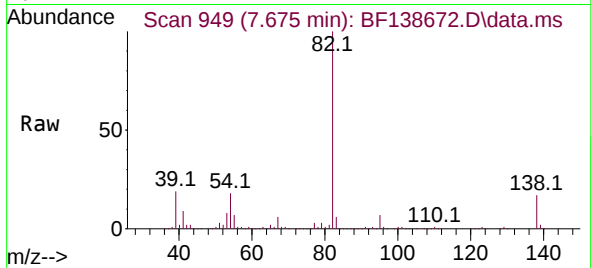
Ion	Ratio	Lower	Upper
77	100		
123	42.9	32.4	48.6
65	14.5	11.8	17.8





#25
Isophorone
Concen: 48.835 ng
RT: 7.675 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

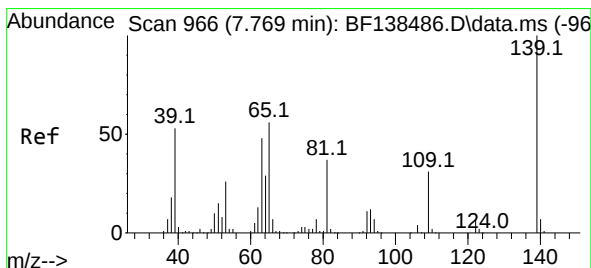
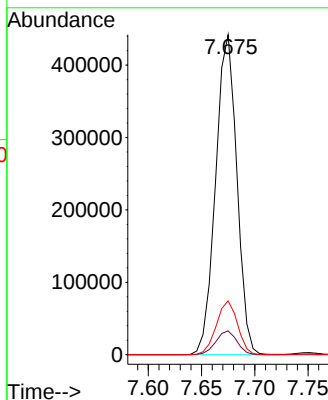
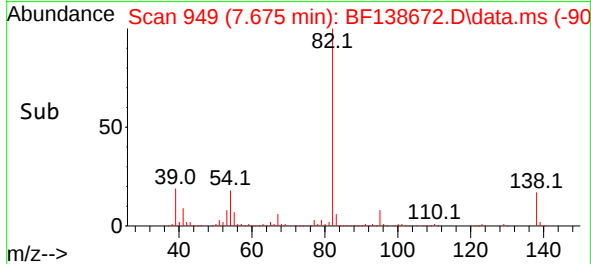
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



Tgt Ion: 82 Resp: 61179
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 16.8 12.8 19.2

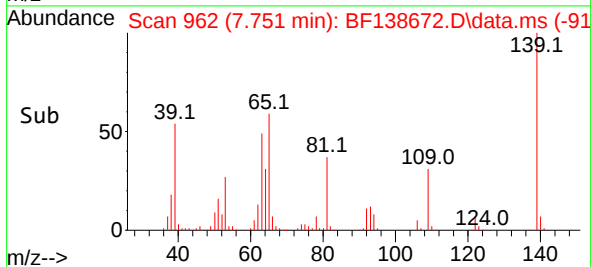
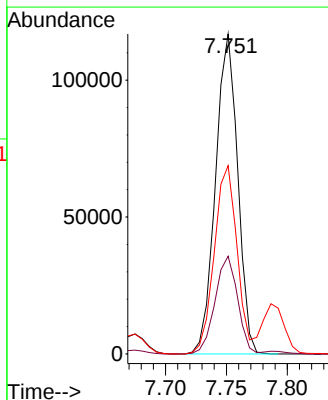
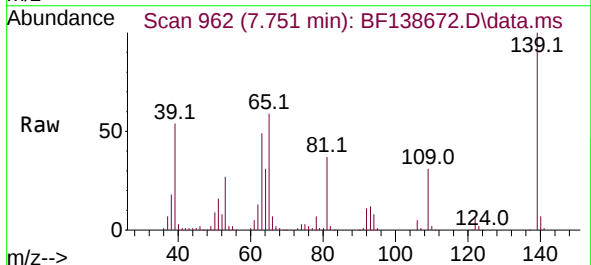
Manual Integrations
APPROVED

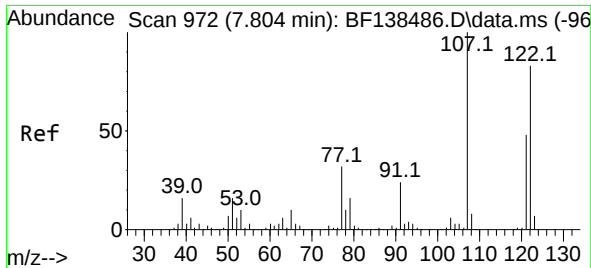
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#26
2-Nitrophenol
Concen: 46.602 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.017 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

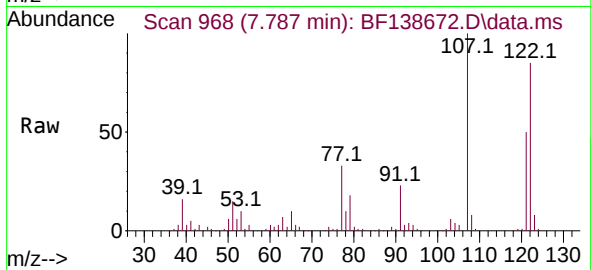
Tgt Ion:139 Resp: 148068
Ion Ratio Lower Upper
139 100
109 30.6 24.8 37.2
65 58.8 45.1 67.7





#27
2,4-Dimethylphenol
Concen: 52.522 ng
RT: 7.787 min Scan# 90
Delta R.T. -0.017 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

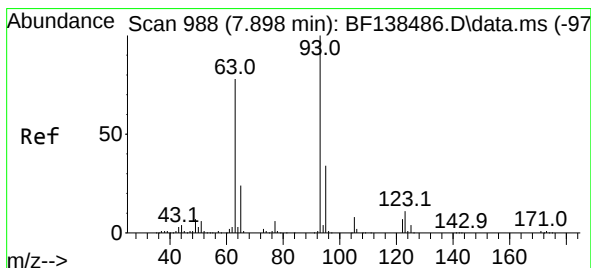
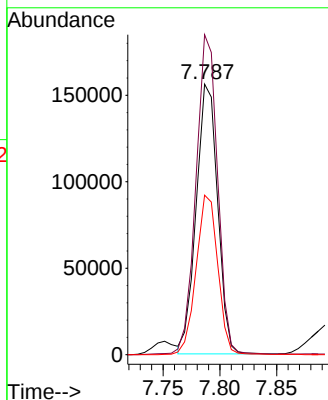
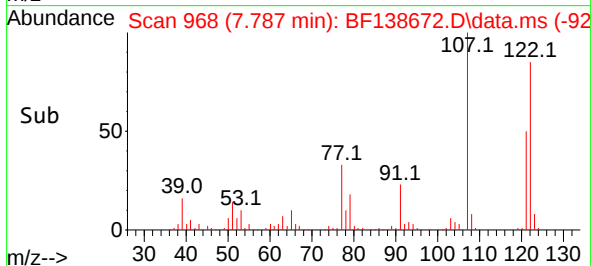
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



Tgt Ion:122 Resp: 20510
Ion Ratio Lower Upper
122 100
107 118.2 96.3 144.5
121 59.0 46.7 70.1

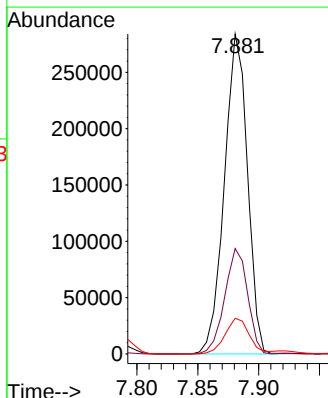
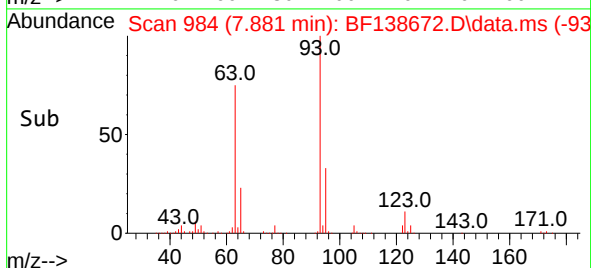
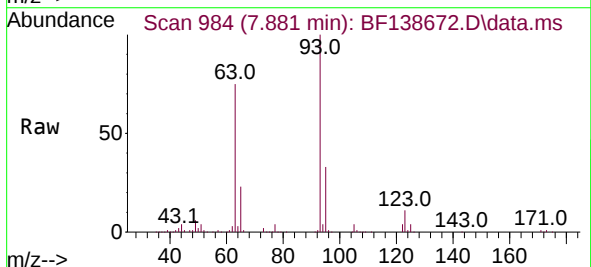
Manual Integrations
APPROVED

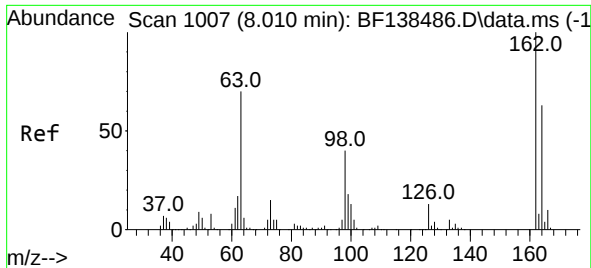
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#28
bis(2-Chloroethoxy)methane
Concen: 50.091 ng
RT: 7.881 min Scan# 984
Delta R.T. -0.017 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

Tgt Ion: 93 Resp: 375030
Ion Ratio Lower Upper
93 100
95 32.9 27.0 40.6
123 11.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 45.292 ng

RT: 7.992 min Scan# 1003

Delta R.T. -0.017 min

Lab File: BF138672.D

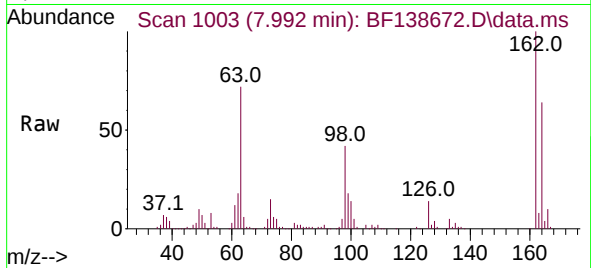
Acq: 29 Jul 2024 16:42

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MS



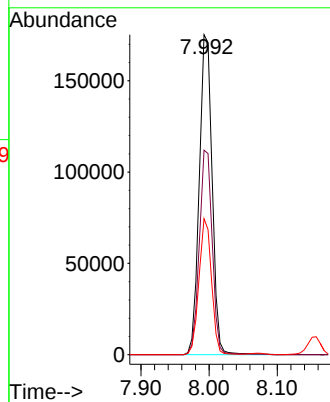
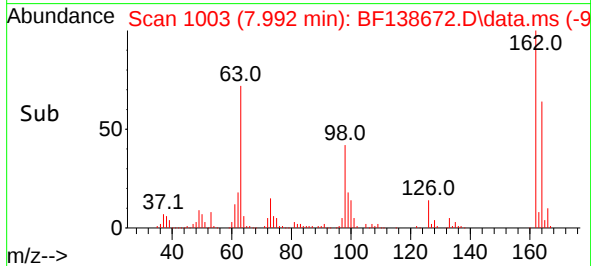
Tgt Ion:162	Resp: 229684
Ion Ratio	Lower Upper
162 100	
164 63.9	42.6 82.6
98 42.5	20.1 60.1

Manual Integrations

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Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 07/31/2024



#30

1,2,4-Trichlorobenzene

Concen: 43.345 ng

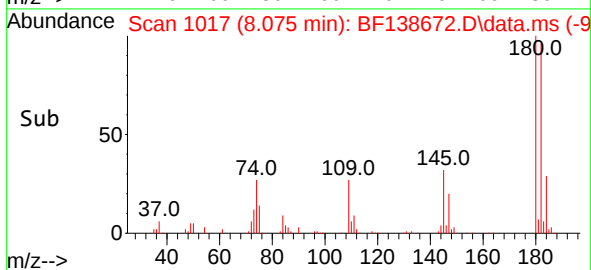
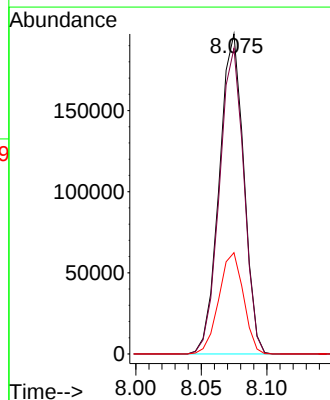
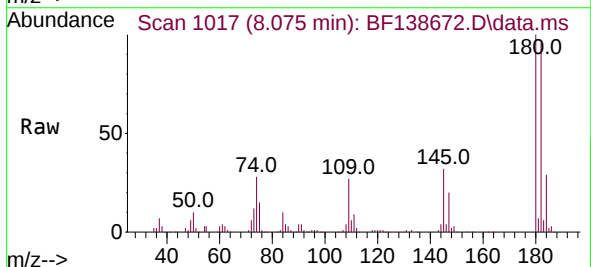
RT: 8.075 min Scan# 1017

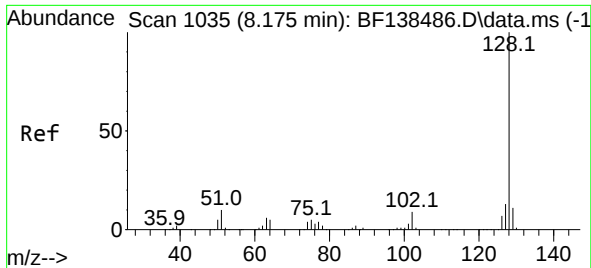
Delta R.T. -0.017 min

Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

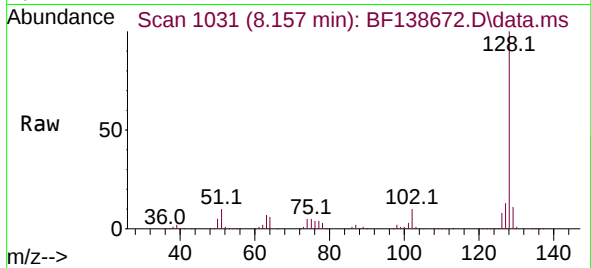
Tgt Ion:180	Resp: 256063
Ion Ratio	Lower Upper
180 100	
182 95.5	76.9 115.3
145 31.6	23.9 35.9





#31
Naphthalene
Concen: 45.463 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.017 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

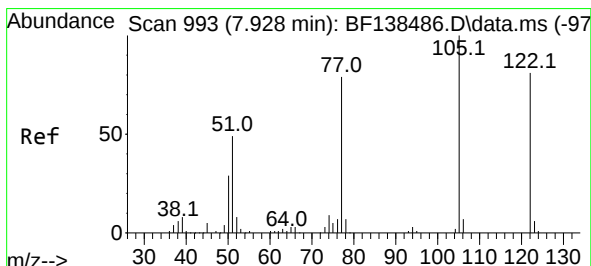
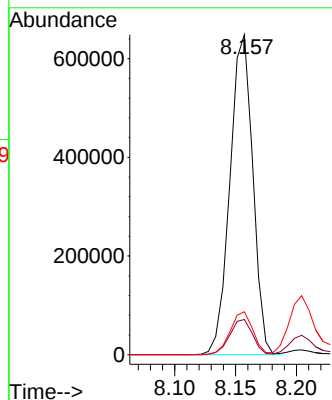
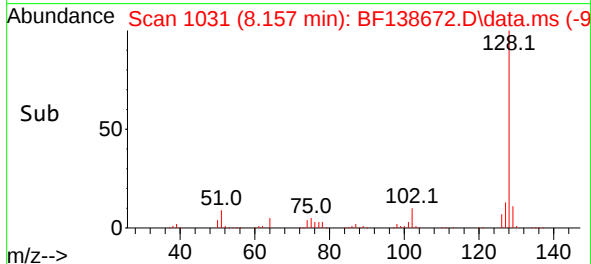
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



Tgt Ion:128 Resp: 846850
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.4 10.7 16.1

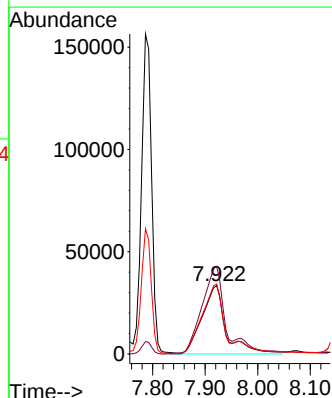
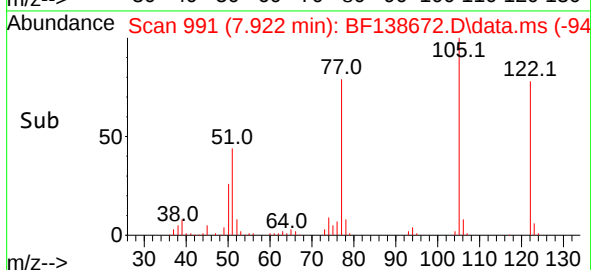
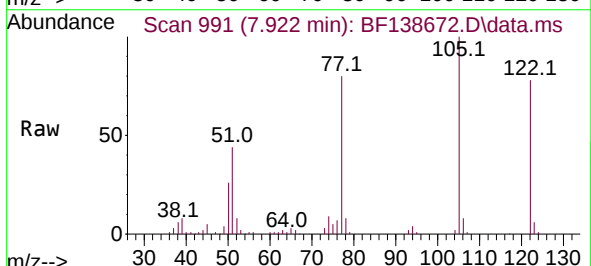
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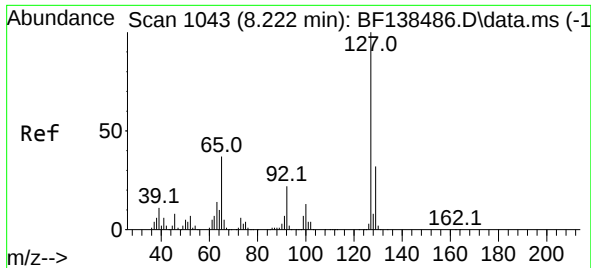
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#32
Benzoic acid
Concen: 28.591 ng m
RT: 7.922 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

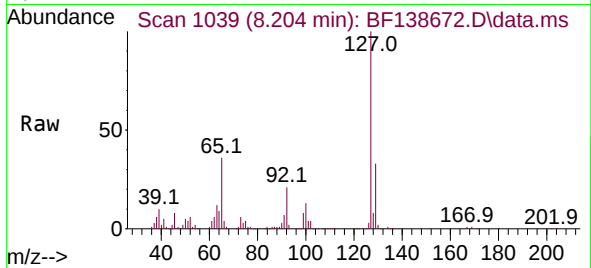
Tgt Ion:122 Resp: 106489
Ion Ratio Lower Upper
122 100
105 128.4 101.5 141.5
77 102.3 77.3 117.3





#33
4-Chloroaniline
Concen: 30.324 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.017 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

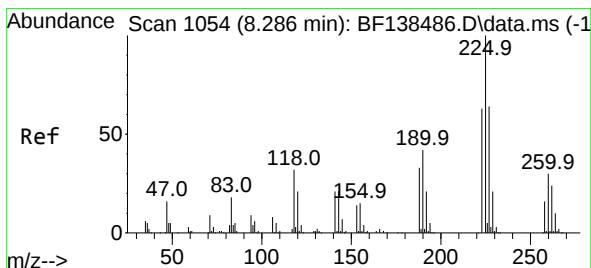
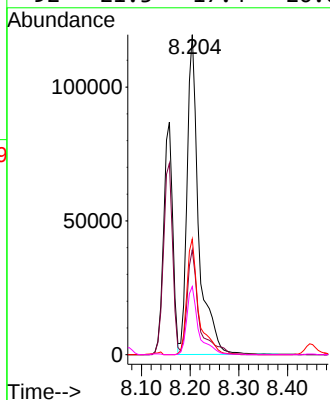
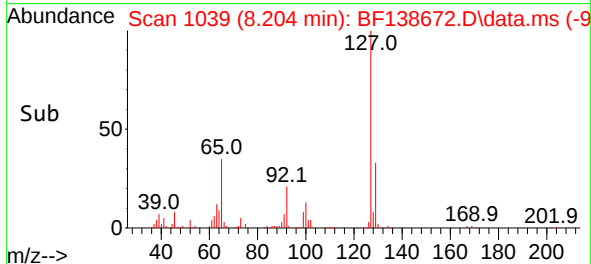
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



Tgt Ion:127 Resp: 198192
Ion Ratio Lower Upper
127 100
129 32.8 25.6 38.4
65 36.1 29.6 44.4
92 21.3 17.4 26.0

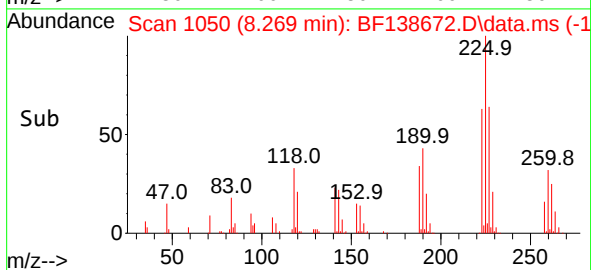
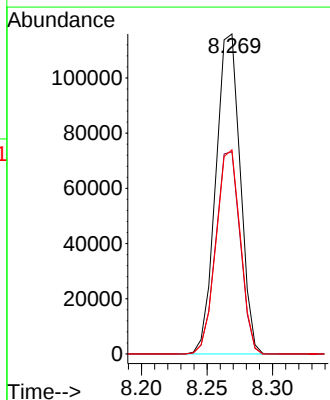
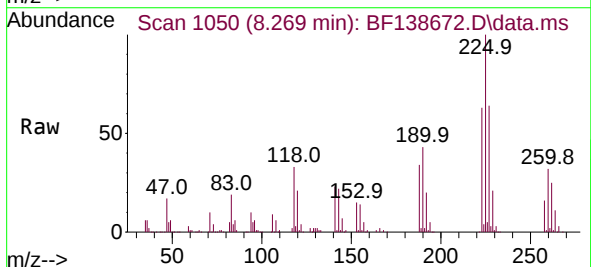
Manual Integrations
APPROVED

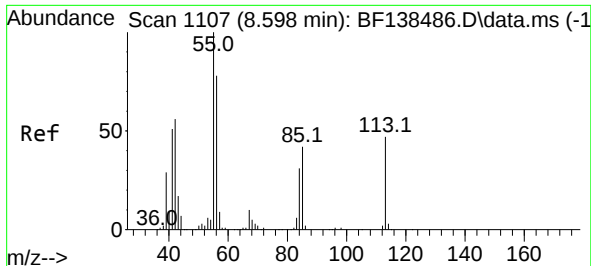
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#34
Hexachlorobutadiene
Concen: 41.227 ng
RT: 8.269 min Scan# 1050
Delta R.T. -0.017 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

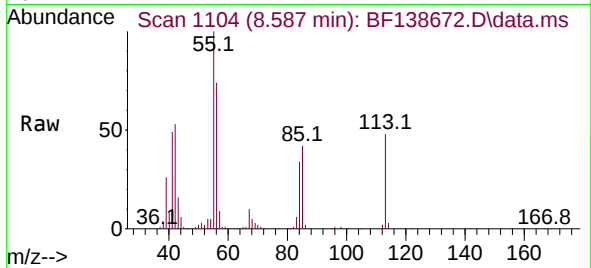
Tgt Ion:225 Resp: 149976
Ion Ratio Lower Upper
225 100
223 63.2 50.0 75.0
227 63.8 51.0 76.6





#35
Caprolactam
Concen: 42.151 ng
RT: 8.587 min Scan# 1107
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

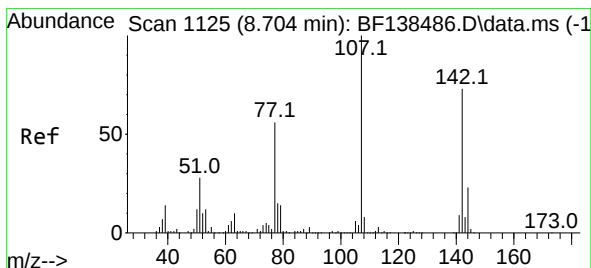
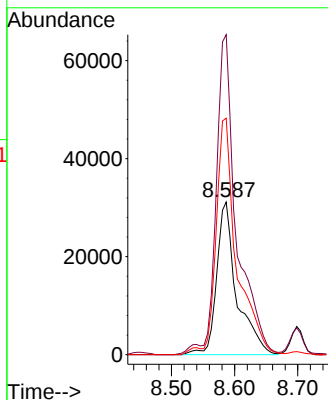
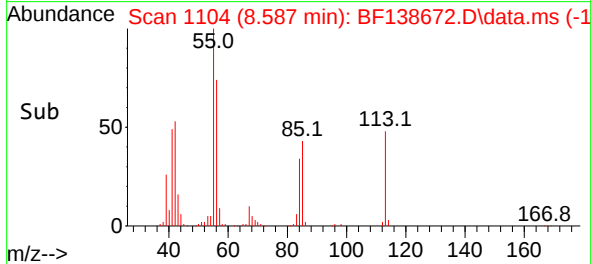
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



Tgt Ion:113 Resp: 68975
Ion Ratio Lower Upper
113 100
55 209.6 192.5 232.5
56 154.9 145.3 185.3

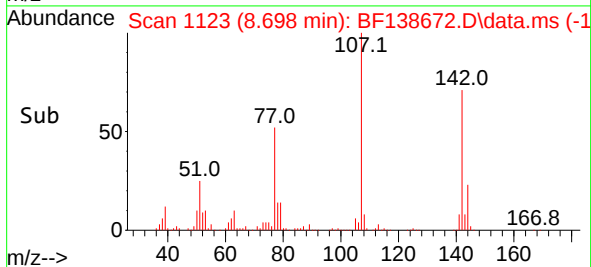
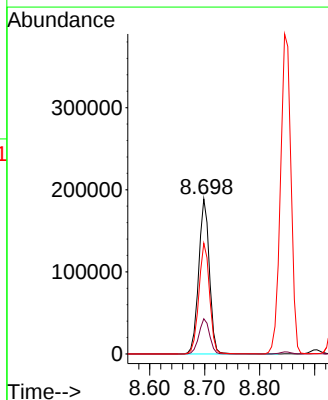
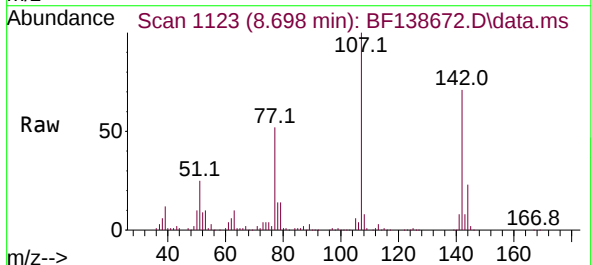
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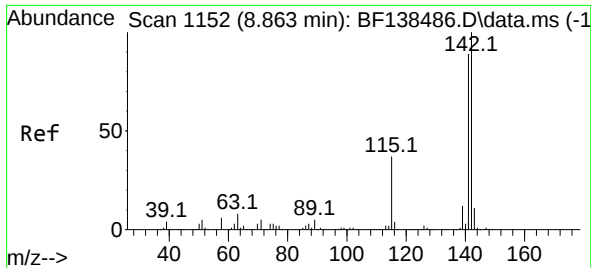
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#36
4-Chloro-3-methylphenol
Concen: 45.126 ng
RT: 8.698 min Scan# 1123
Delta R.T. -0.006 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

Tgt Ion:107 Resp: 256191
Ion Ratio Lower Upper
107 100
144 22.7 18.6 27.8
142 71.4 58.6 88.0





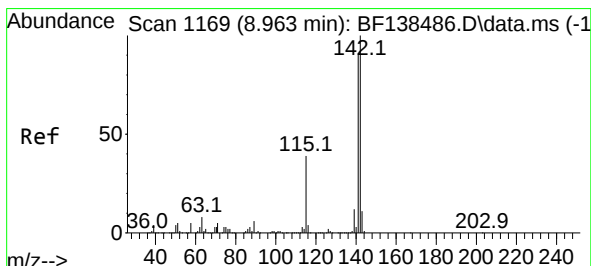
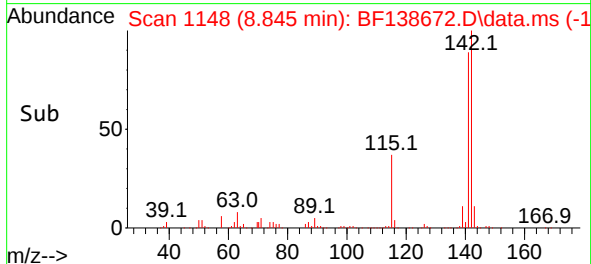
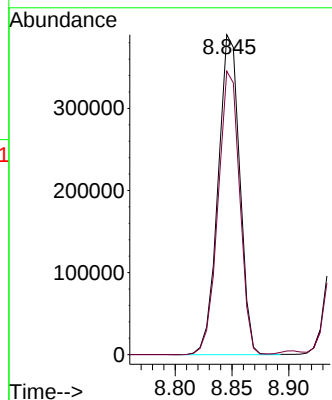
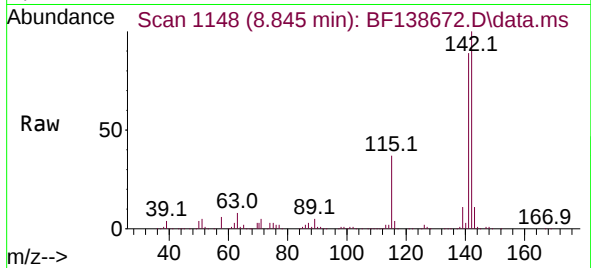
#37
2-Methylnaphthalene
Concen: 43.114 ng
RT: 8.845 min Scan# 1152
Delta R.T. -0.017 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS

Tgt Ion:142 Resp: 516812
Ion Ratio Lower Upper
142 100
141 88.6 71.4 107.0

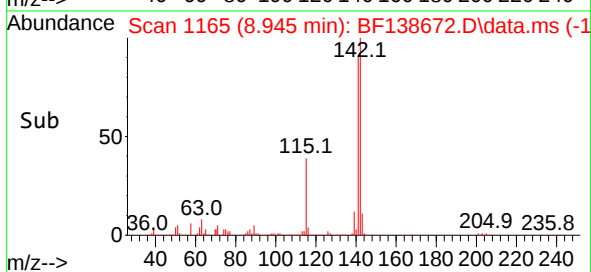
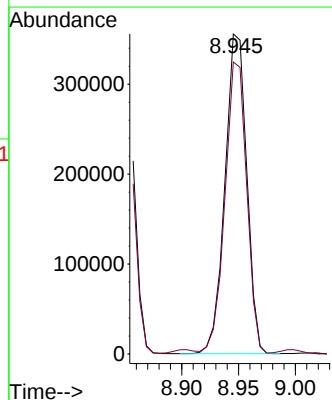
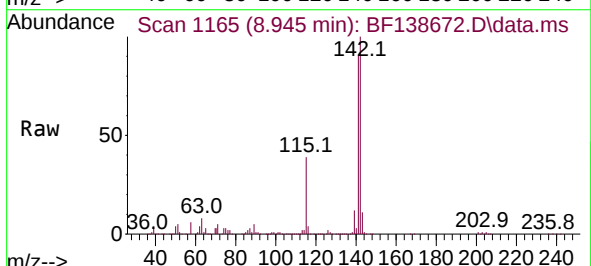
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#38
1-Methylnaphthalene
Concen: 40.603 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.017 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

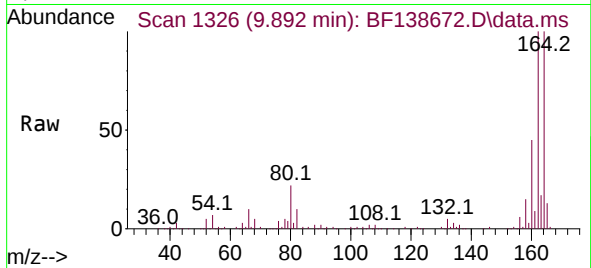
Tgt Ion:142 Resp: 475014
Ion Ratio Lower Upper
142 100
141 91.3 72.6 108.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

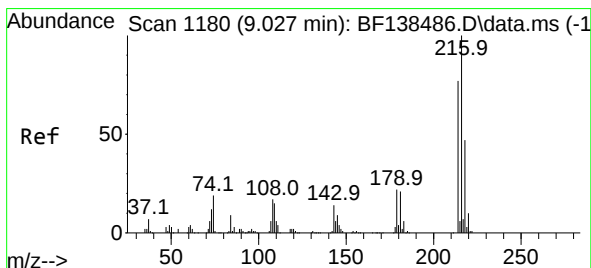
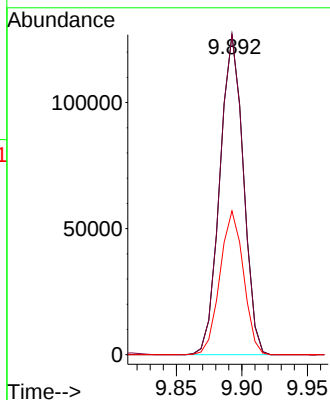
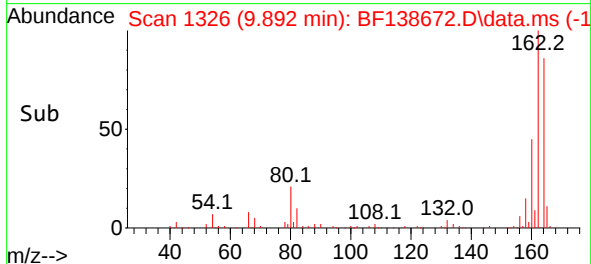
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



Tgt Ion:164 Resp: 158180
Ion Ratio Lower Upper
164 100
162 99.9 79.0 118.6
160 44.9 34.4 51.6

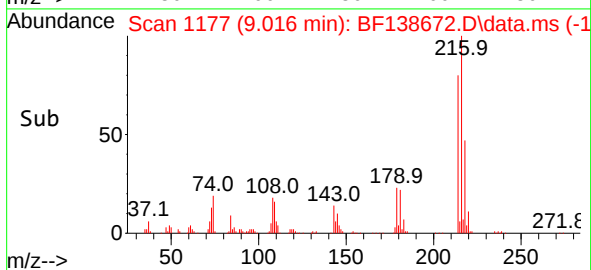
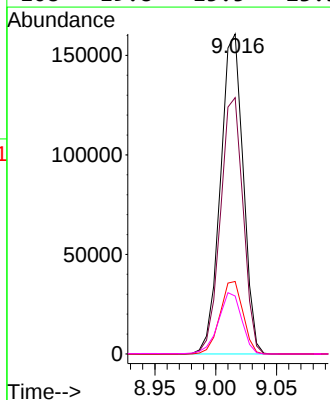
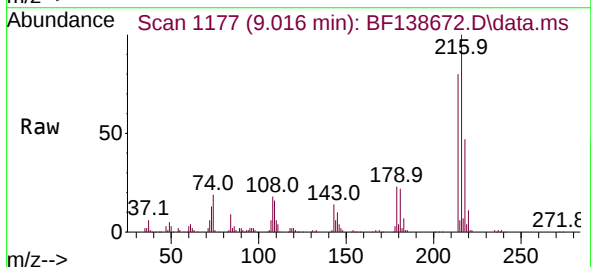
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.356 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

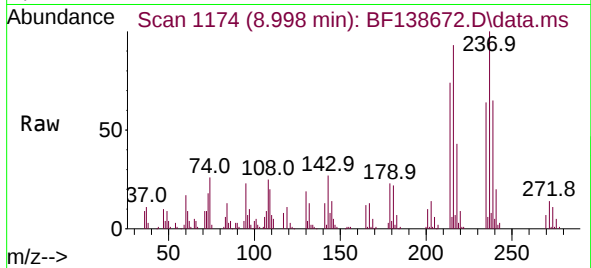
Tgt Ion:216 Resp: 208773
Ion Ratio Lower Upper
216 100
214 79.8 62.8 94.2
179 22.9 17.7 26.5
108 19.8 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 32.063 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

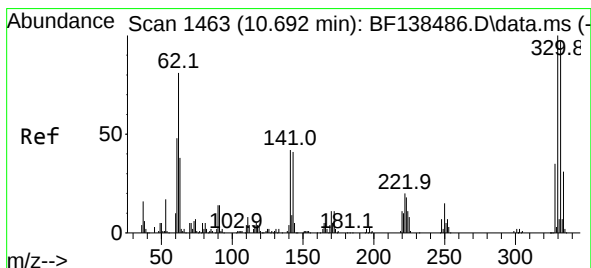
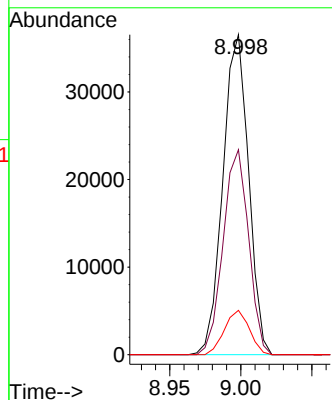
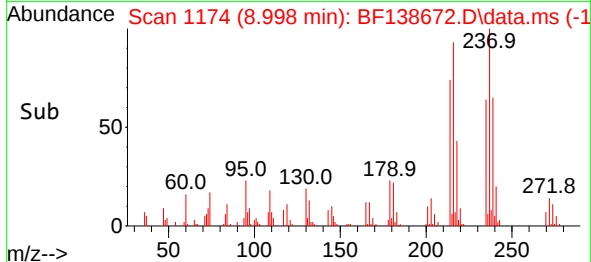
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



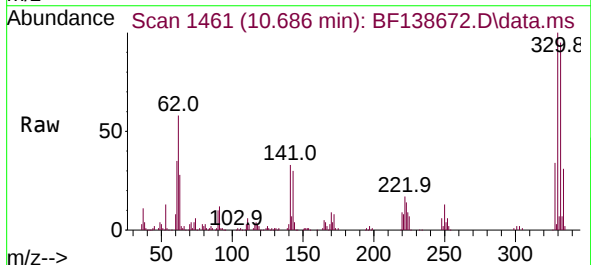
Tgt Ion: 237 Resp: 45880
Ion Ratio Lower Upper
237 100
235 64.1 43.3 83.3
272 13.9 0.0 32.3

Manual Integrations
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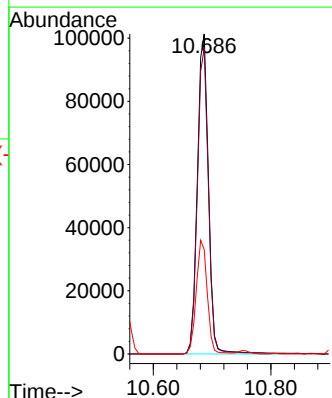
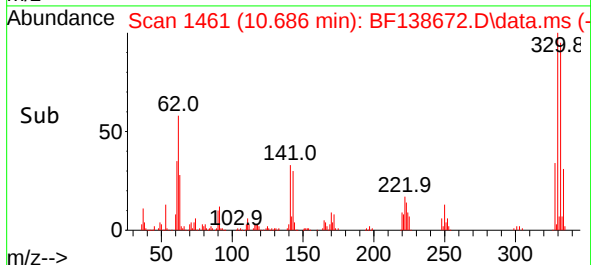
Reviewed By : Yogesh Patel 07/30/2024
Supervised By : mohammad ahmed 07/31/2024



#42
2,4,6-Tribromophenol
Concen: 89.878 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42



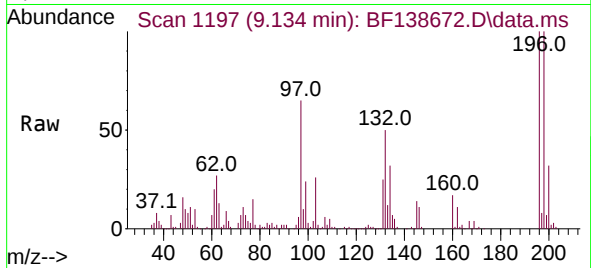
Tgt Ion: 330 Resp: 132871
Ion Ratio Lower Upper
330 100
332 94.9 76.8 115.2
141 35.2 29.4 44.2





#43
2,4,6-Trichlorophenol
Concen: 48.364 ng
RT: 9.134 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

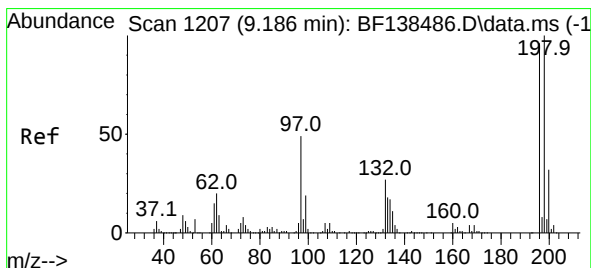
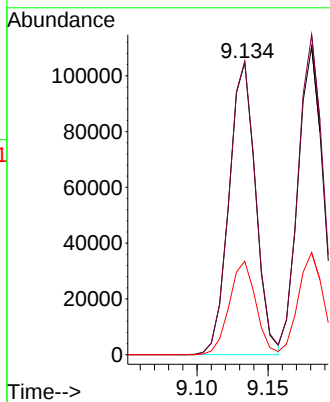
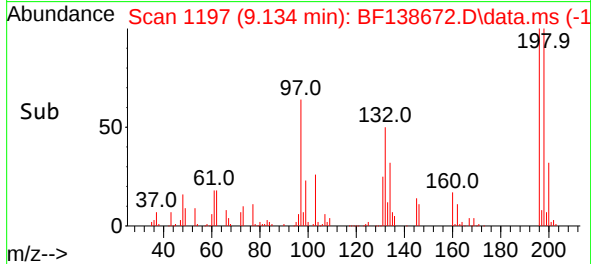
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



Tgt Ion:196 Resp: 136000
Ion Ratio Lower Upper
196 100
198 100.5 82.3 123.5
200 32.0 25.8 38.6

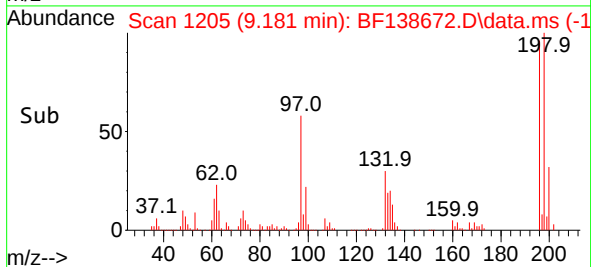
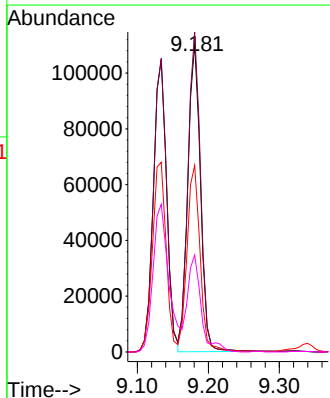
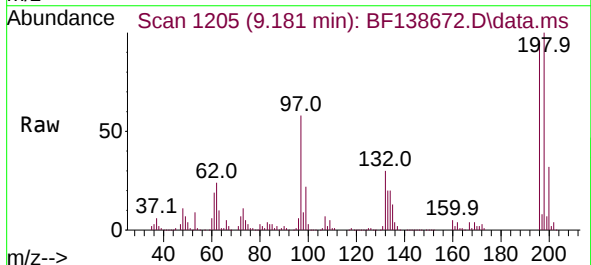
Manual Integrations
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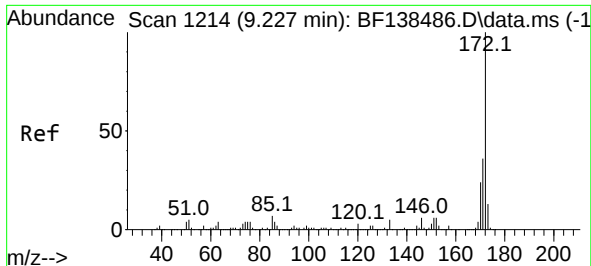
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#44
2,4,5-Trichlorophenol
Concen: 44.220 ng
RT: 9.181 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

Tgt Ion:196 Resp: 136772
Ion Ratio Lower Upper
196 100
198 103.8 82.8 124.2
97 60.5 41.0 61.4
132 31.4 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 75.418 ng

RT: 9.210 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF138672.D

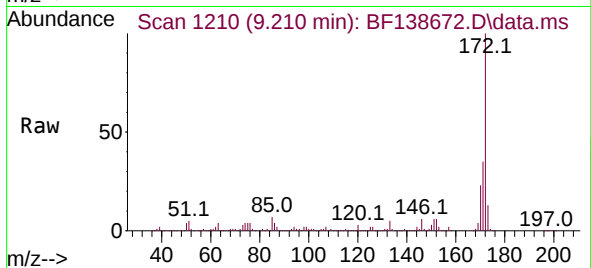
Acq: 29 Jul 2024 16:42

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MS



Tgt Ion:172 Resp: 763300

Ion Ratio Lower Upper

172 100

171 35.2 28.9 43.3

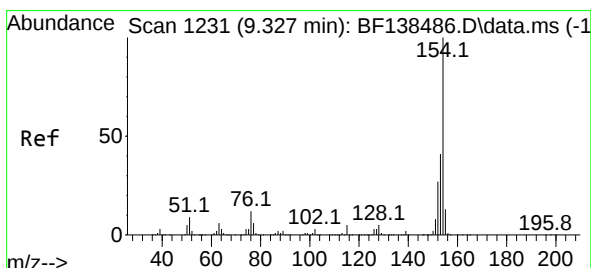
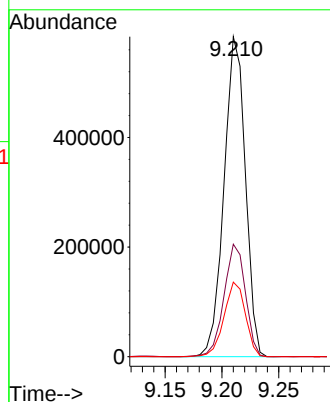
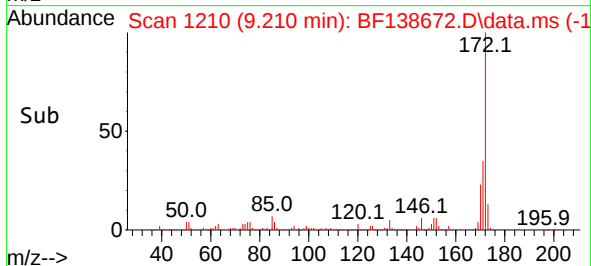
170 23.3 18.9 28.3

Manual Integrations

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Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 07/31/2024



#46

1,1'-Biphenyl

Concen: 48.287 ng

RT: 9.316 min Scan# 1228

Delta R.T. -0.012 min

Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

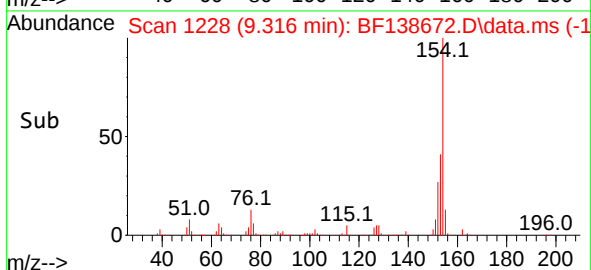
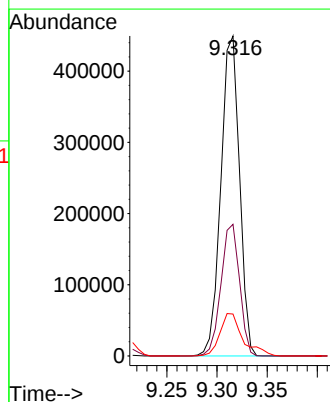
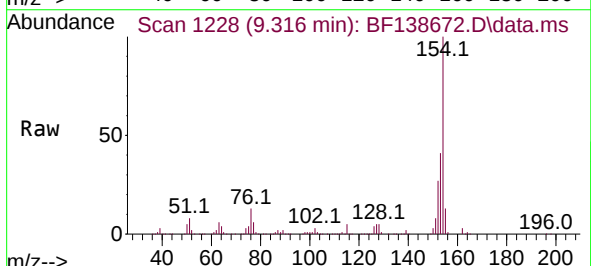
Tgt Ion:154 Resp: 578841

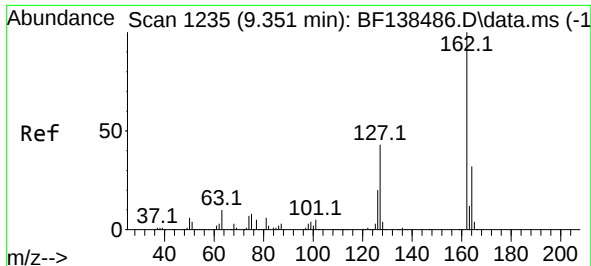
Ion Ratio Lower Upper

154 100

153 41.2 20.7 60.7

76 13.1 0.0 32.2





#47

2-Chloronaphthalene

Concen: 48.805 ng

RT: 9.339 min Scan# 1232

Delta R.T. -0.012 min

Lab File: BF138672.D

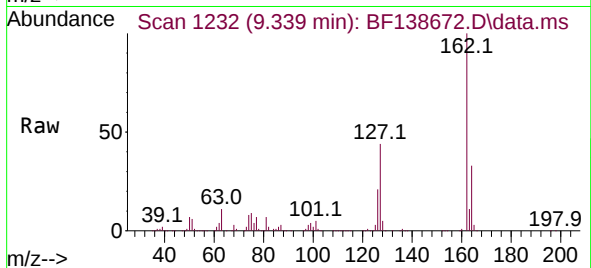
Acq: 29 Jul 2024 16:42

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MS



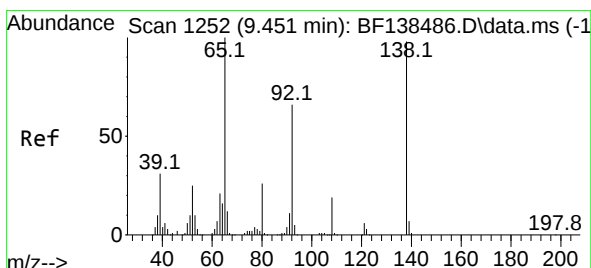
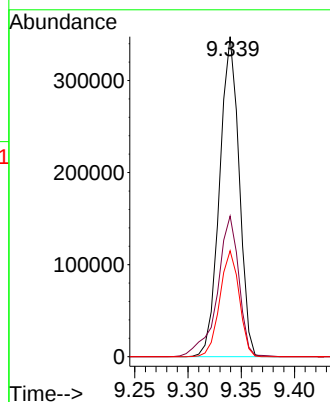
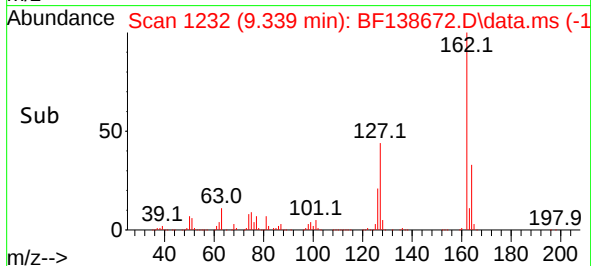
Tgt Ion:	162	Resp:	44198
Ion Ratio	Lower	Upper	
162	100		
127	44.0	34.8	52.2
164	33.1	25.6	38.4

Manual Integrations

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Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 07/31/2024



#48

2-Nitroaniline

Concen: 51.530 ng

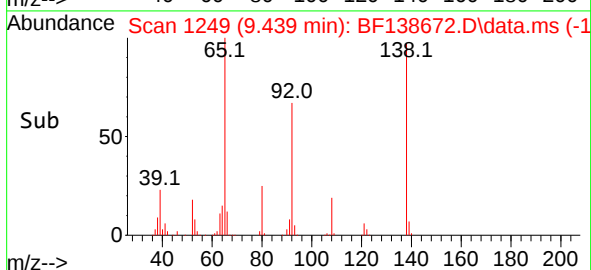
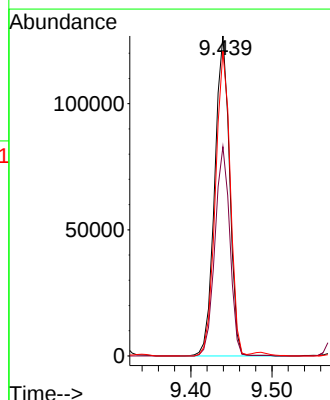
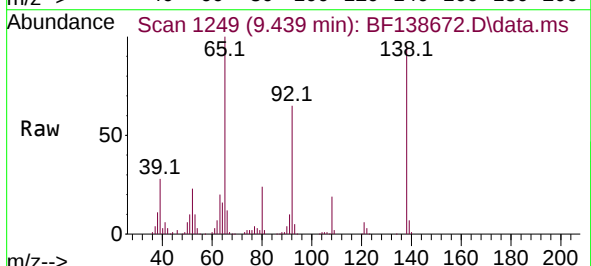
RT: 9.439 min Scan# 1249

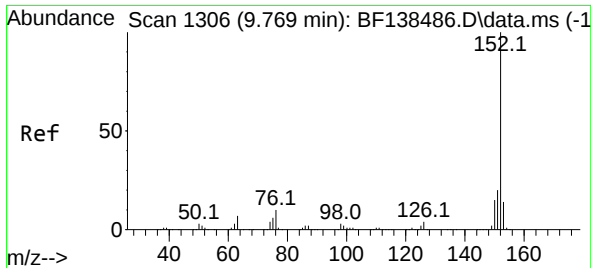
Delta R.T. -0.012 min

Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

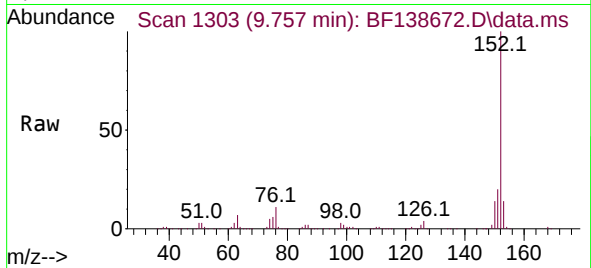
Tgt Ion:	65	Resp:	161711
Ion Ratio	Lower	Upper	
65	100		
92	65.4	52.6	78.8
138	95.2	78.6	118.0





#49
Acenaphthylene
Concen: 51.790 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

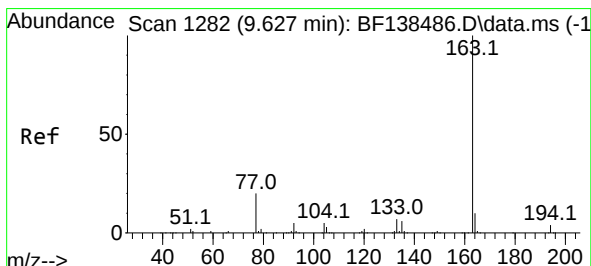
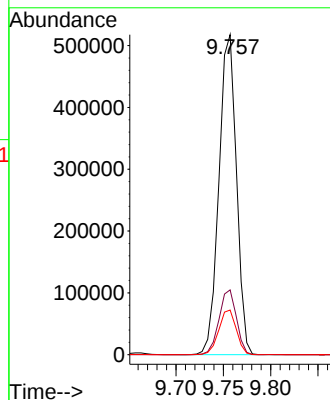
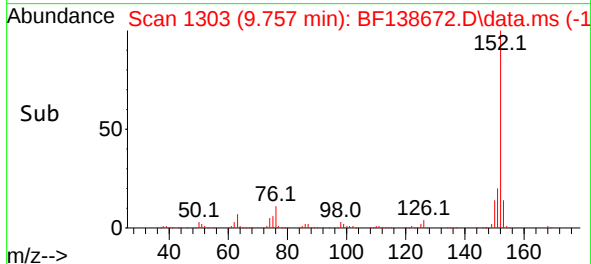
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



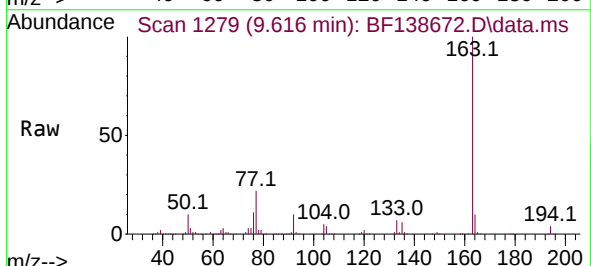
Tgt Ion:152 Resp: 66589
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 14.0 11.3 16.9

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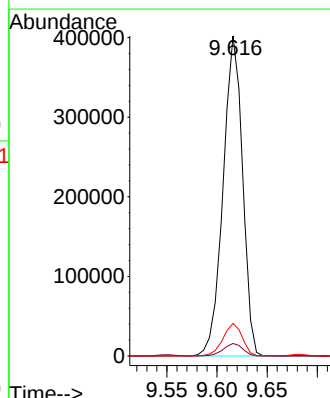
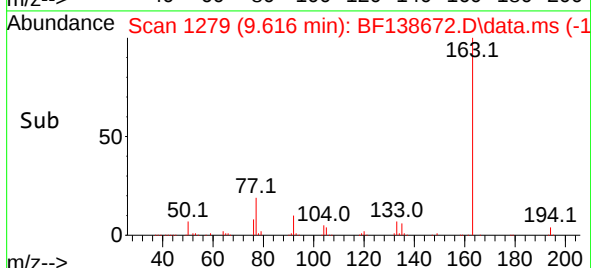
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

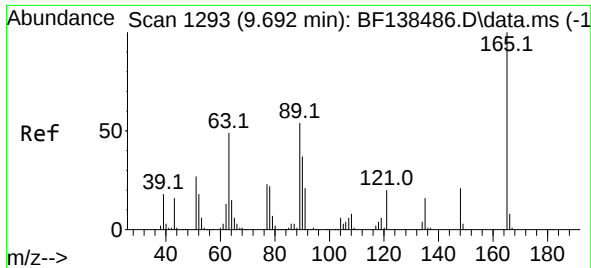


#50
Dimethylphthalate
Concen: 53.023 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42



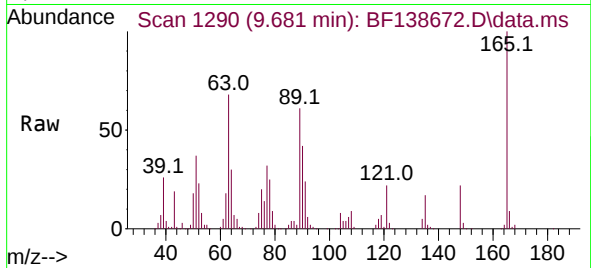
Tgt Ion:163 Resp: 542327
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.2 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 46.060 ng
RT: 9.681 min Scan# 1290
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

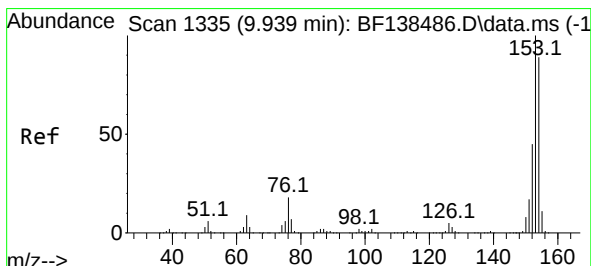
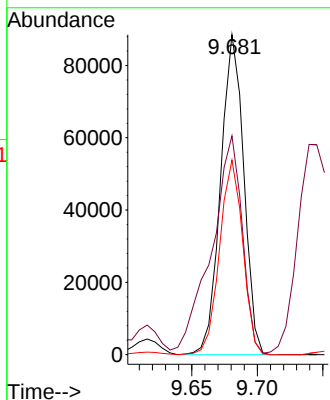
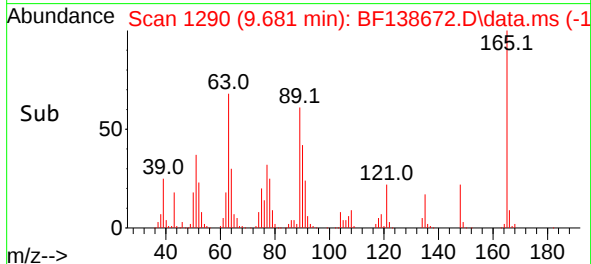
Instrument : BNA_F
ClientSampleId : S-852-GI-SO-9.5-10-072624MS



Tgt Ion:165 Resp: 10847
Ion Ratio Lower Upper
165 100
63 68.4 48.1 72.1
89 60.8 43.0 64.6

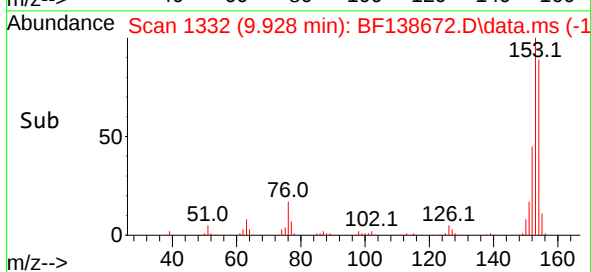
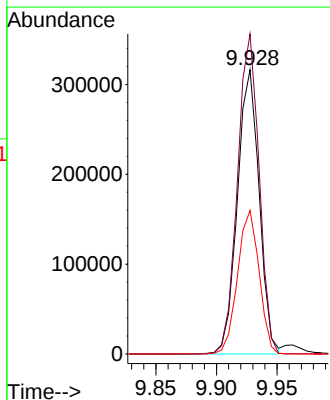
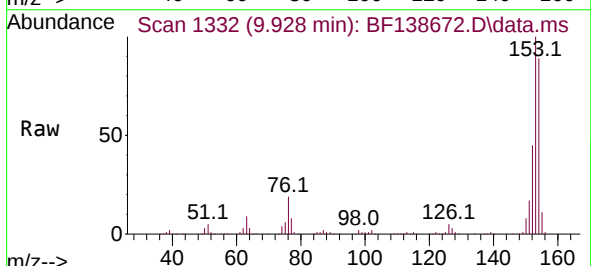
Manual Integrations
APPROVED

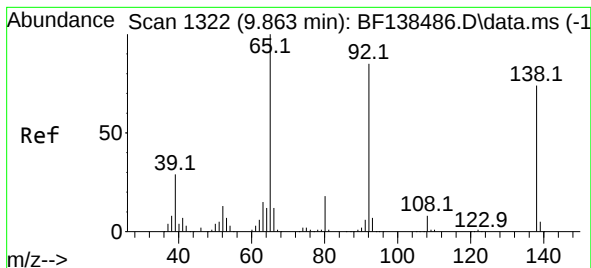
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#52
Acenaphthene
Concen: 46.313 ng m
RT: 9.928 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

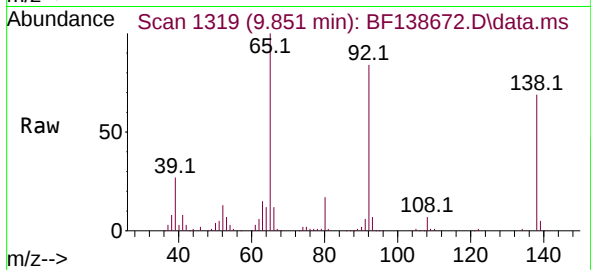
Tgt Ion:154 Resp: 395826
Ion Ratio Lower Upper
154 100
153 112.6 90.4 135.6
152 50.5 41.1 61.7





#53
3-Nitroaniline
Concen: 38.868 ng
RT: 9.851 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

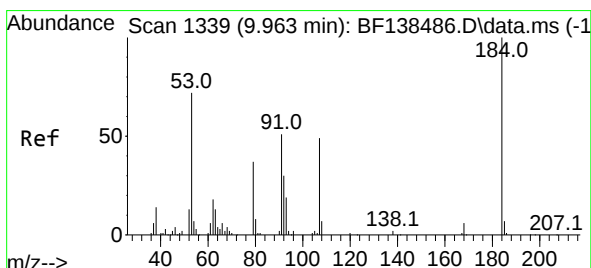
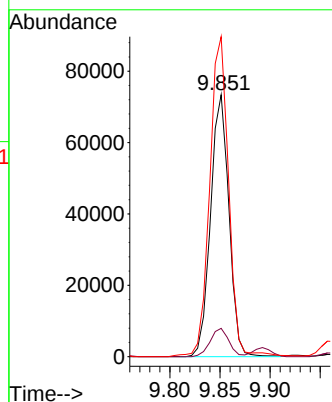
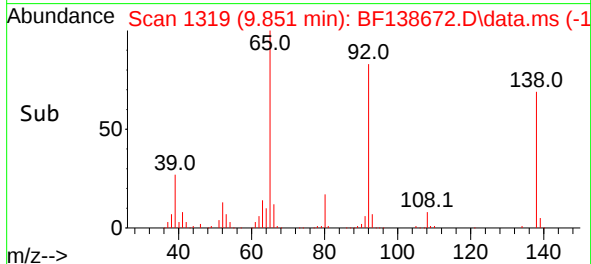
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



Tgt Ion:138 Resp: 93810
Ion Ratio Lower Upper
138 100
108 10.8 8.3 12.5
92 122.2 92.6 138.8

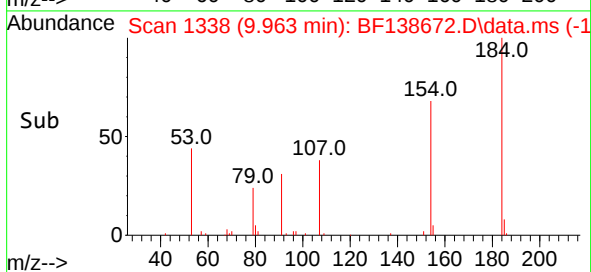
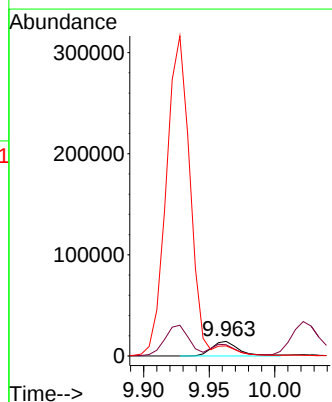
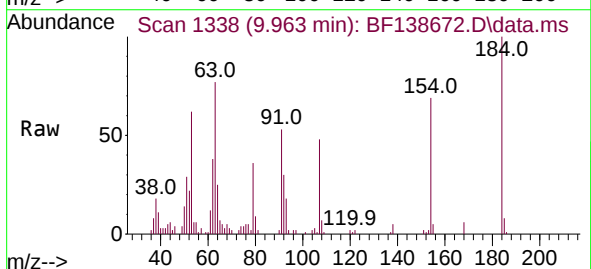
Manual Integrations
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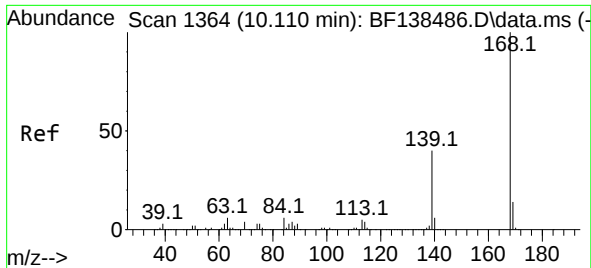
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#54
2,4-Dinitrophenol
Concen: 20.071 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

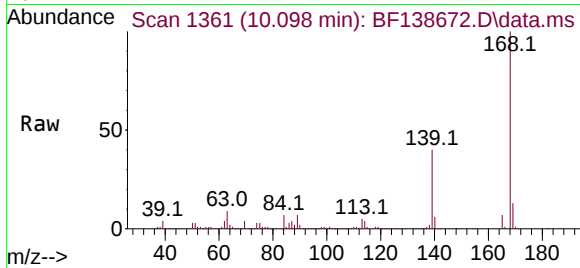
Tgt Ion:184 Resp: 20675
Ion Ratio Lower Upper
184 100
63 77.1 70.6 106.0
154 69.2 53.8 80.6





#55
Dibenzenofuran
Concen: 45.714 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

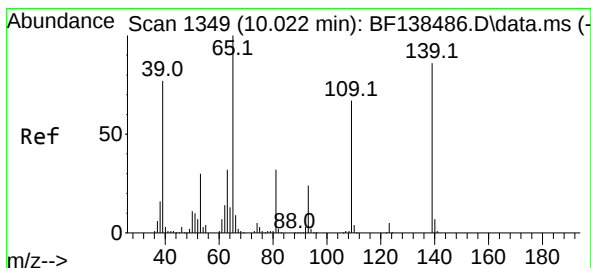
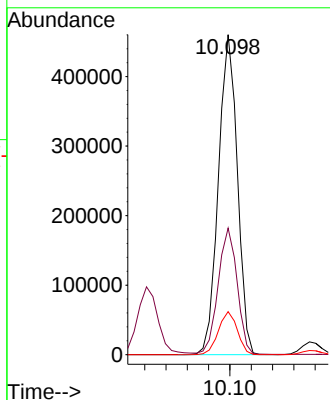
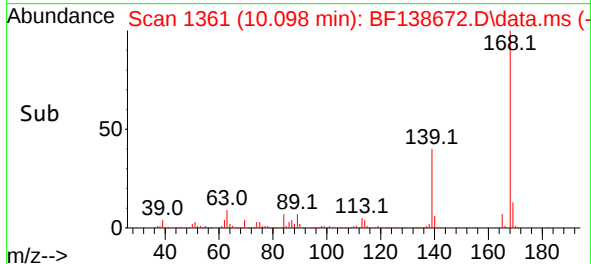
Instrument : BNA_F
ClientSampleId : S-852-GI-SO-9.5-10-072624MS



Tgt Ion:168 Resp: 56670
Ion Ratio Lower Upper
168 100
139 39.5 32.4 48.6
169 13.5 10.9 16.3

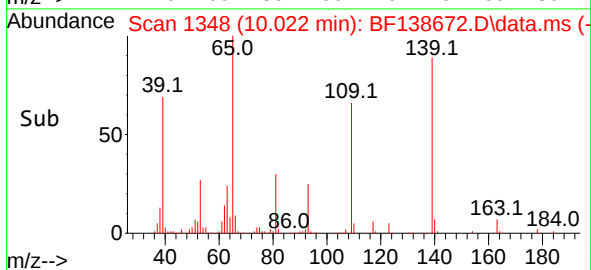
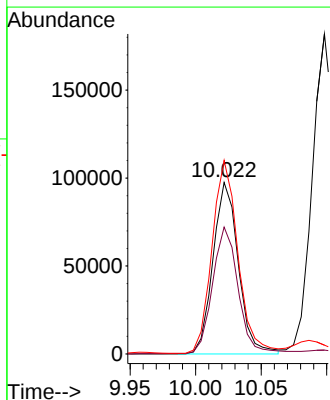
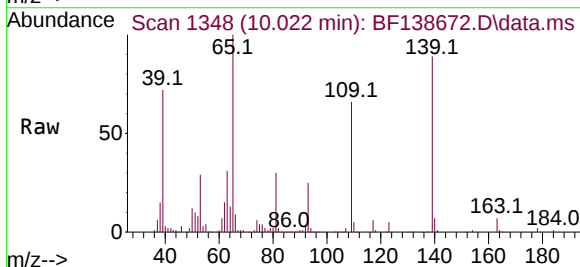
Manual Integrations
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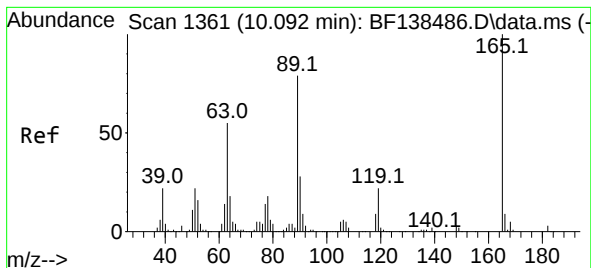
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#56
4-Nitrophenol
Concen: 73.632 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

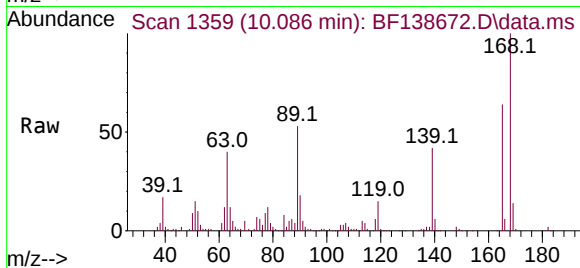
Tgt Ion:139 Resp: 131138
Ion Ratio Lower Upper
139 100
109 74.0 58.1 98.1
65 112.8 96.9 136.9





#57
2,4-Dinitrotoluene
Concen: 42.858 ng
RT: 10.086 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

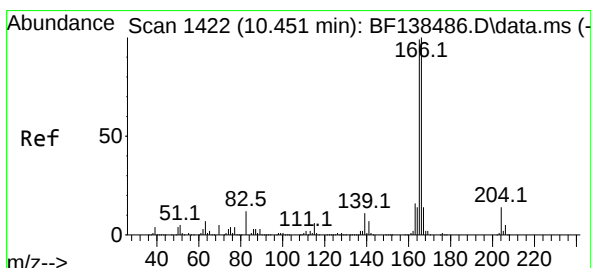
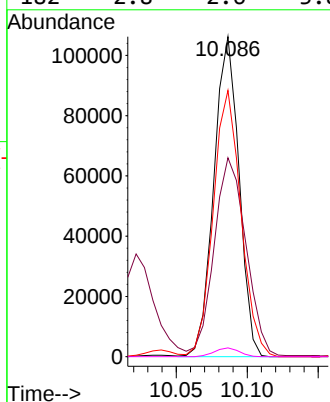
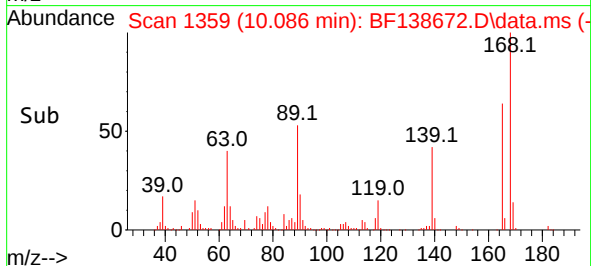
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



Tgt Ion:165 Resp: 13059
Ion Ratio Lower Upper
165 100
63 62.2 44.6 66.8
89 83.2 63.4 95.2
182 2.8 2.6 3.8

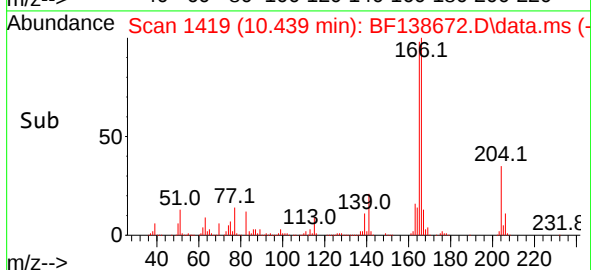
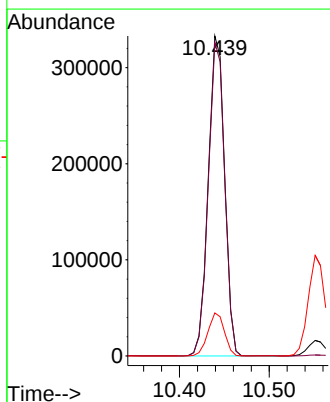
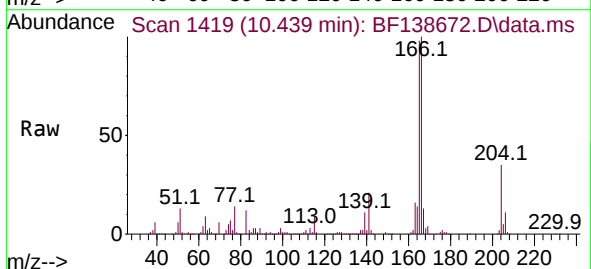
Manual Integrations
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Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#58
Fluorene
Concen: 43.073 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

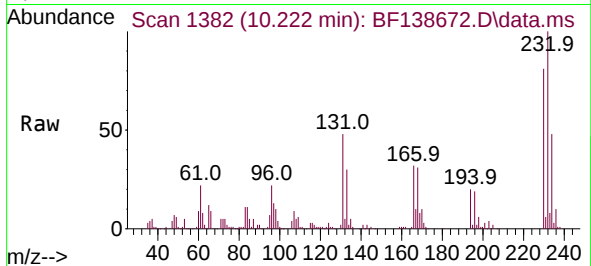
Tgt Ion:166 Resp: 422496
Ion Ratio Lower Upper
166 100
165 98.0 79.1 118.7
167 13.4 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.633 ng
RT: 10.222 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

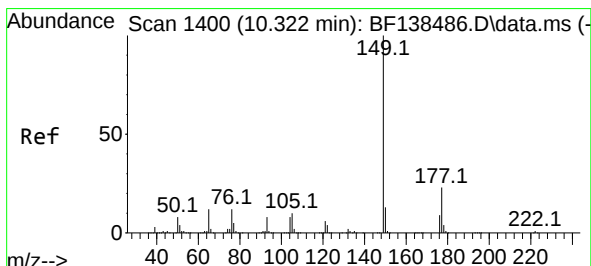
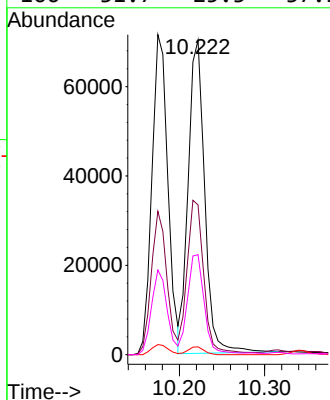
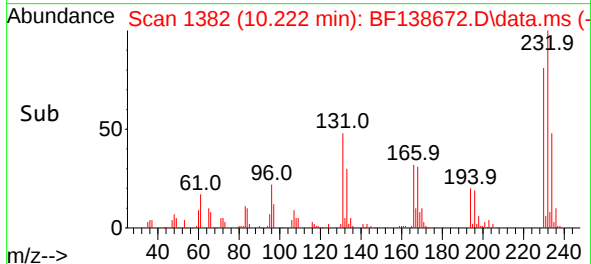
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



Tgt Ion:232 Resp: 9430
Ion Ratio Lower Upper
232 100
131 48.5 37.5 56.3
130 2.4 2.0 3.0
166 31.7 25.3 37.9

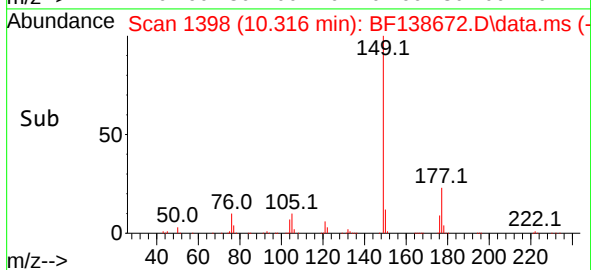
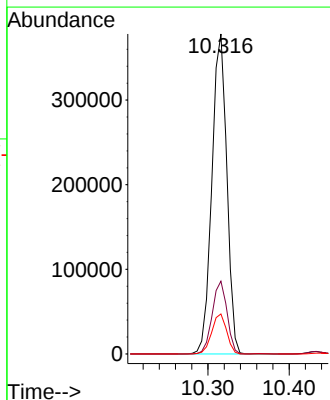
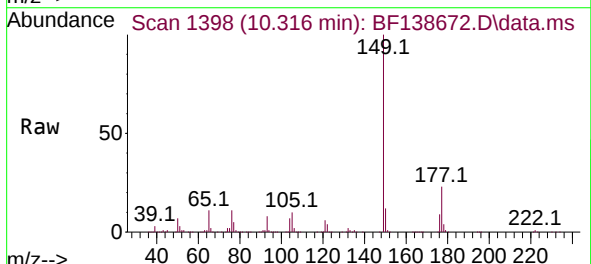
Manual Integrations
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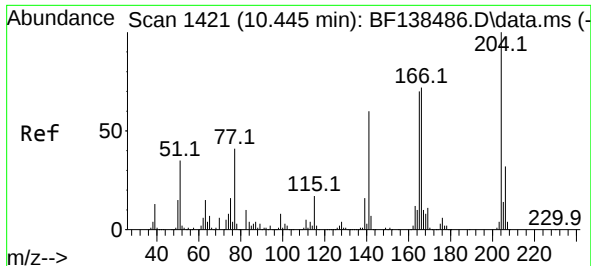
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#60
Diethylphthalate
Concen: 48.942 ng
RT: 10.316 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

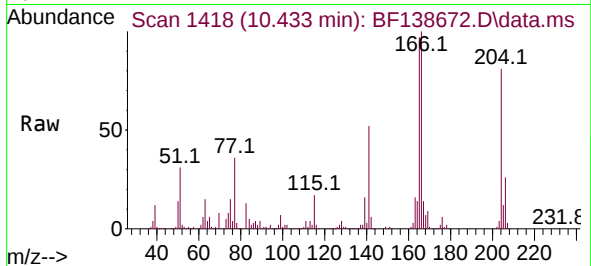
Tgt Ion:149 Resp: 482588
Ion Ratio Lower Upper
149 100
177 22.7 18.5 27.7
150 12.5 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 43.170 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

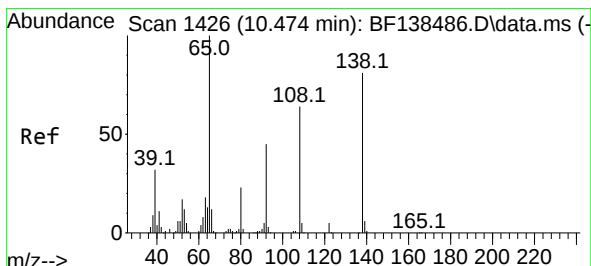
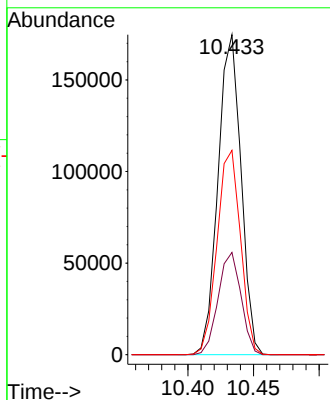
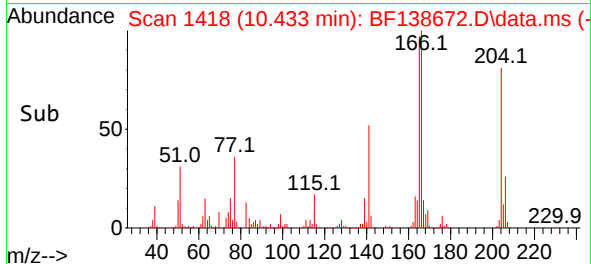
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



Tgt Ion:204 Resp: 212634
Ion Ratio Lower Upper
204 100
206 32.0 25.6 38.4
141 63.8 47.7 71.5

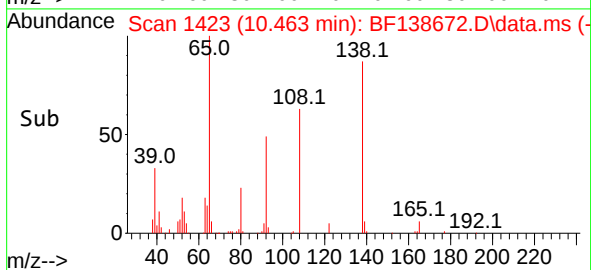
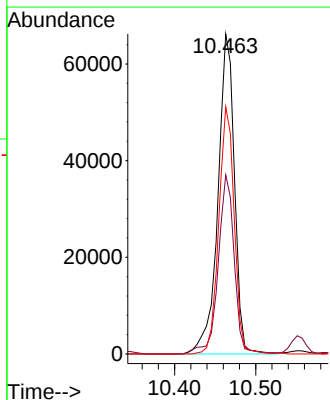
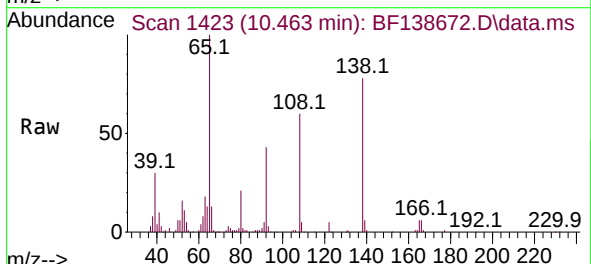
Manual Integrations
APPROVED

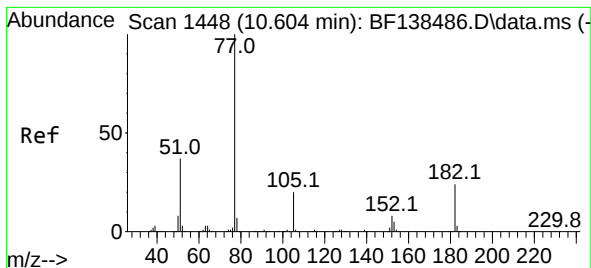
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#62
4-Nitroaniline
Concen: 38.867 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

Tgt Ion:138 Resp: 94009
Ion Ratio Lower Upper
138 100
92 56.0 35.8 75.8
108 77.3 59.8 99.8





#63

Azobenzene

Concen: 44.863 ng

RT: 10.592 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF138672.D

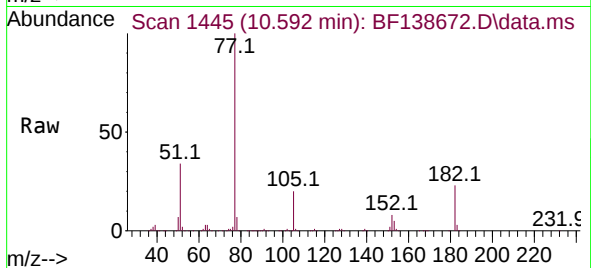
Acq: 29 Jul 2024 16:42

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MS



Tgt Ion: 77 Resp: 47560

Ion Ratio Lower Upper

77 100

182 23.1 3.8 43.8

105 20.1 0.0 39.8

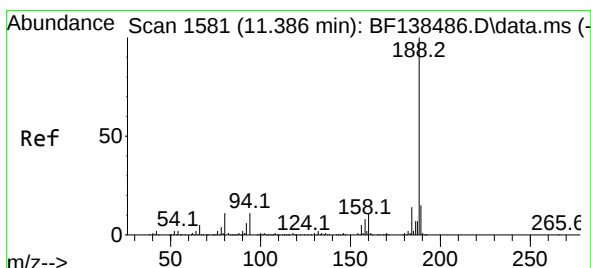
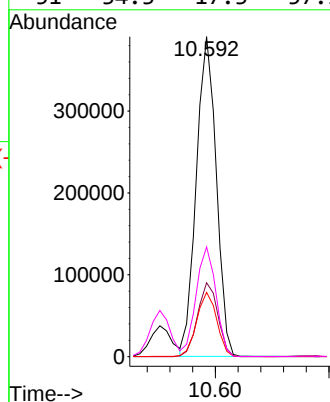
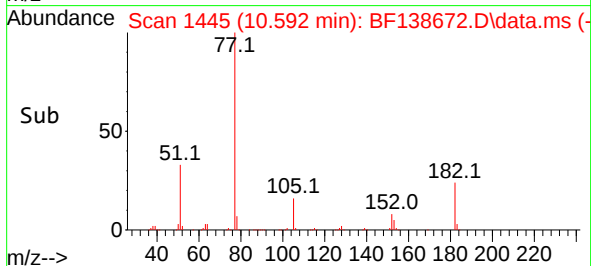
51 34.3 17.3 57.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 07/31/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1579

Delta R.T. -0.006 min

Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

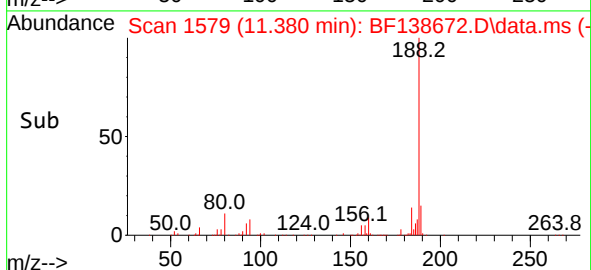
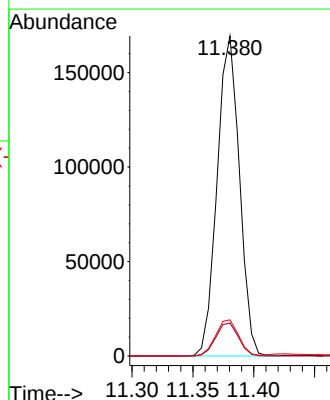
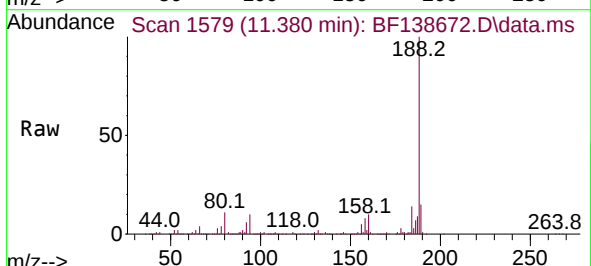
Tgt Ion:188 Resp: 216292

Ion Ratio Lower Upper

188 100

94 10.3 8.7 13.1

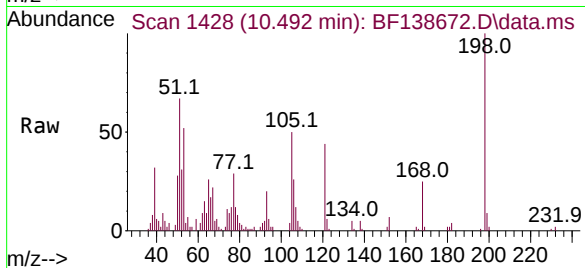
80 11.3 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 16.646 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

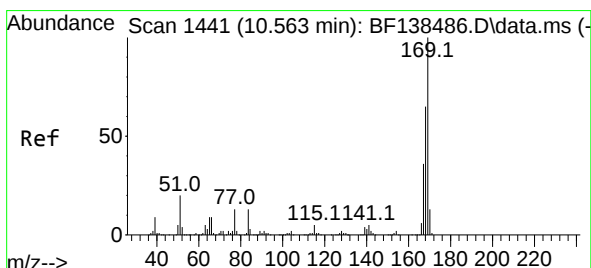
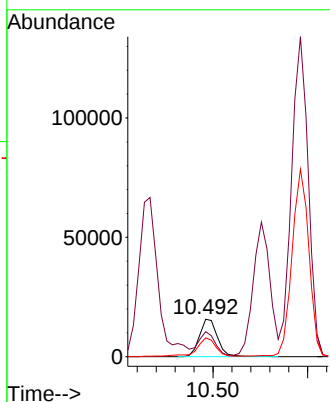
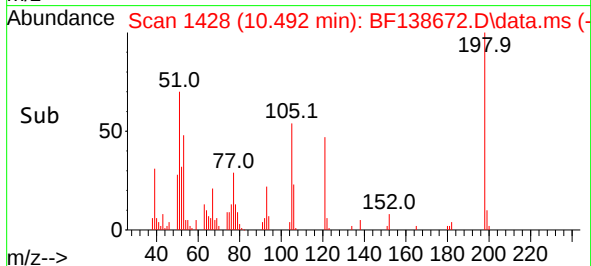
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



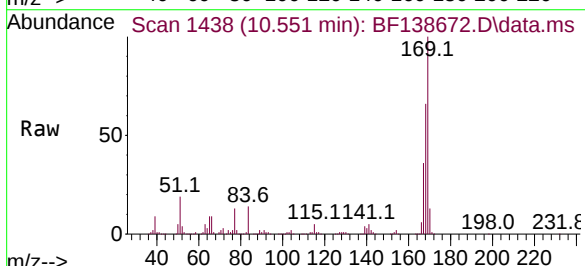
Tgt Ion:198 Resp: 20789
Ion Ratio Lower Upper
198 100
51 66.6 27.2 67.2
105 50.5 18.5 58.5

Manual Integrations
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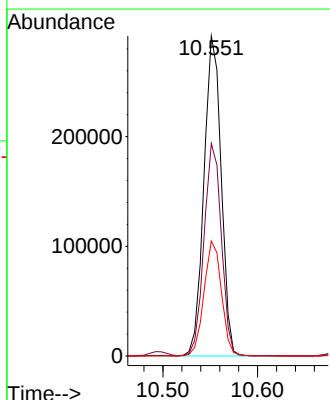
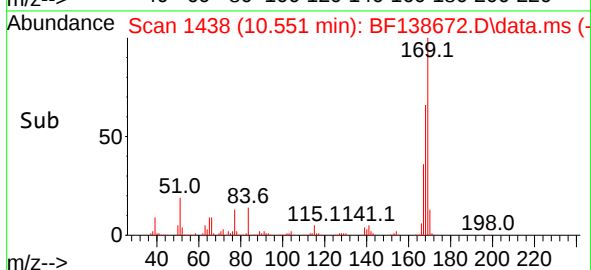
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#66
n-Nitrosodiphenylamine
Concen: 56.927 ng
RT: 10.551 min Scan# 1438
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42



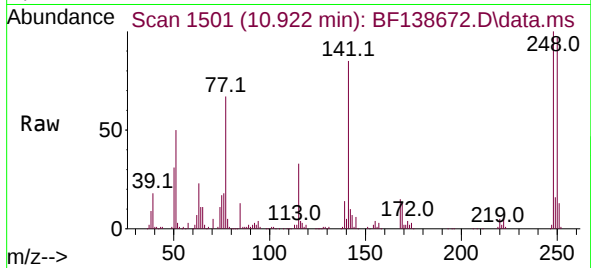
Tgt Ion:169 Resp: 368900
Ion Ratio Lower Upper
169 100
168 66.4 51.7 77.5
167 35.9 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 51.401 ng
RT: 10.922 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

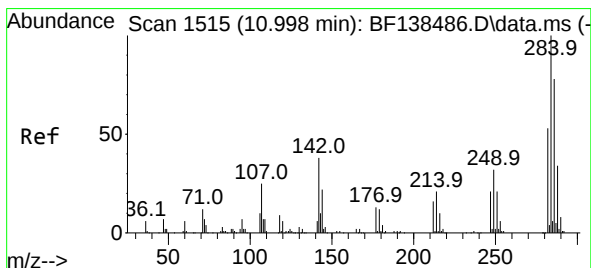
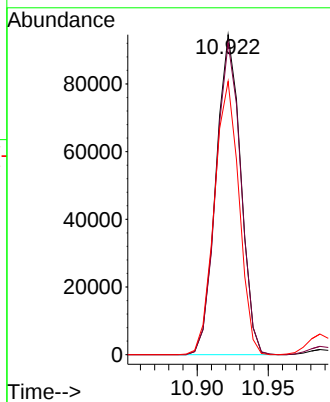
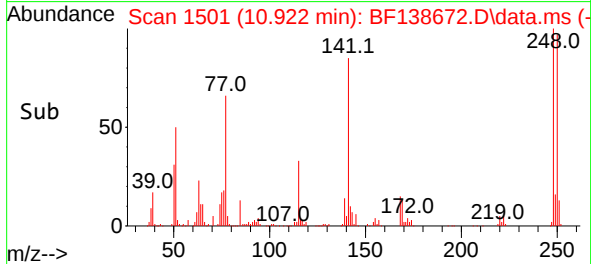
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



Tgt Ion:248 Resp: 114269
Ion Ratio Lower Upper
248 100
250 97.4 77.9 116.9
141 85.4 67.7 101.5

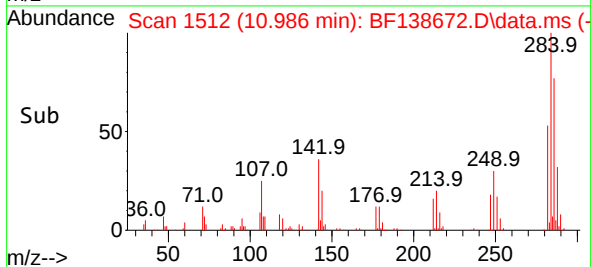
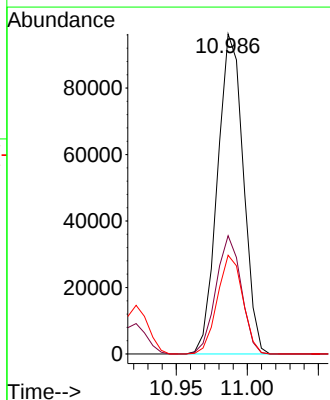
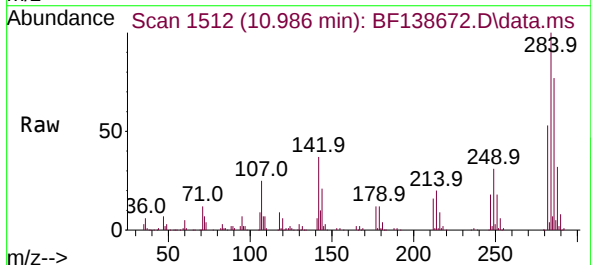
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#68
Hexachlorobenzene
Concen: 49.244 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

Tgt Ion:284 Resp: 121617
Ion Ratio Lower Upper
284 100
142 36.9 30.5 45.7
249 30.8 25.9 38.9





#69

Atrazine

Concen: 47.961 ng

RT: 11.081 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MS

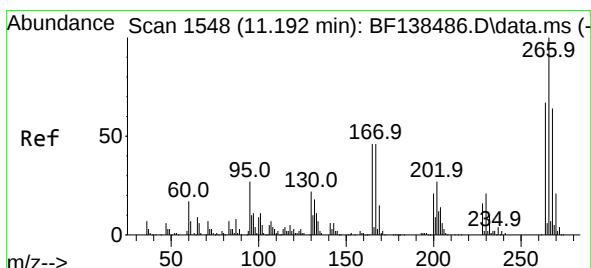
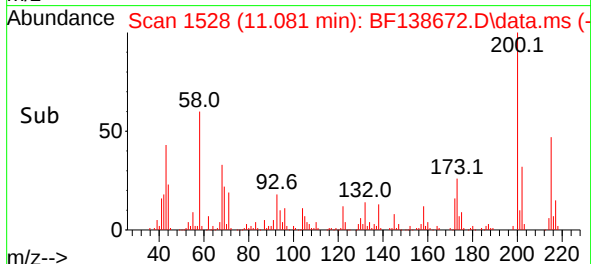
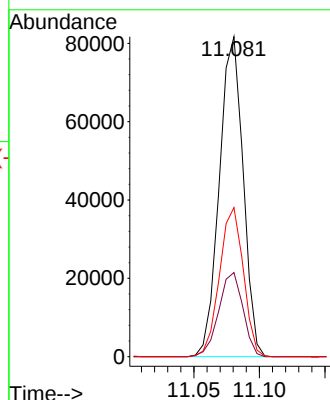
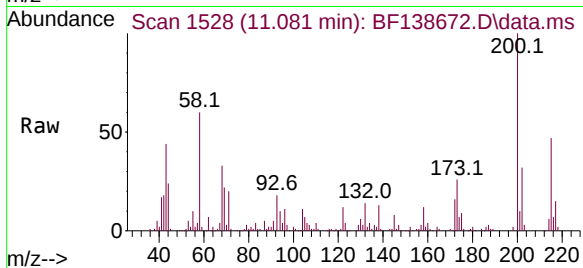
Tgt Ion:200 Resp: 10304
 Ion Ratio Lower Upper
 200 100
 173 26.3 4.1 44.1
 215 46.6 26.5 66.5

Manual Integrations

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Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 07/31/2024



#70

Pentachlorophenol

Concen: 78.073 ng

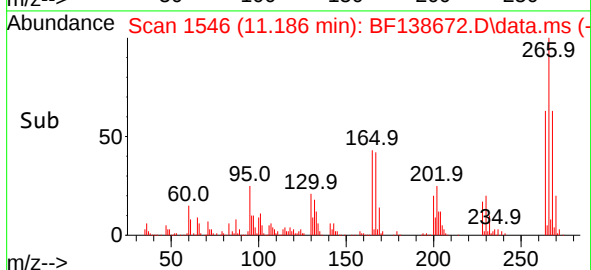
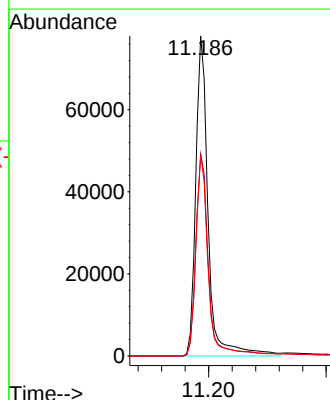
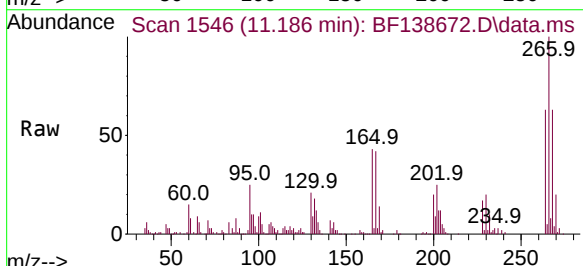
RT: 11.186 min Scan# 1546

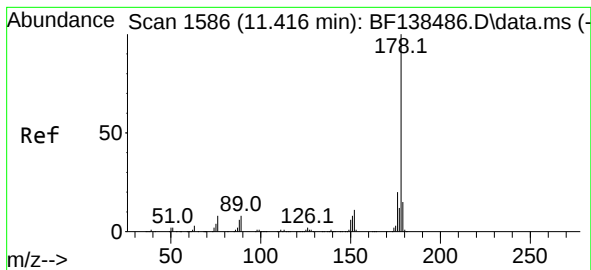
Delta R.T. -0.006 min

Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

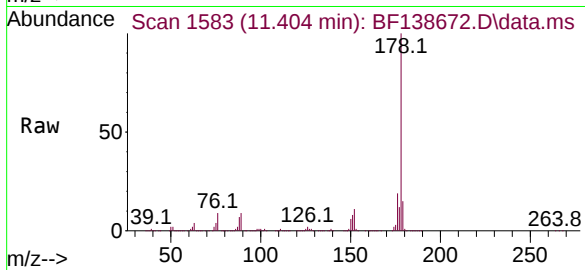
Tgt Ion:266 Resp: 114093
 Ion Ratio Lower Upper
 266 100
 268 63.1 50.9 76.3
 264 62.8 53.5 80.3





#71
Phenanthrene
Concen: 50.421 ng
RT: 11.404 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

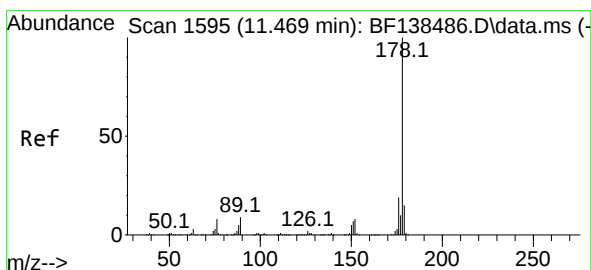
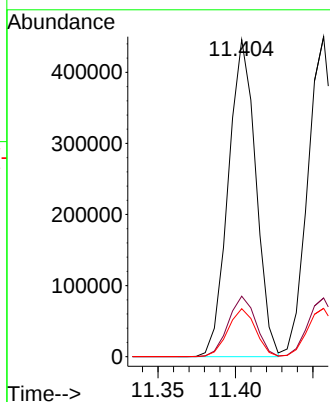
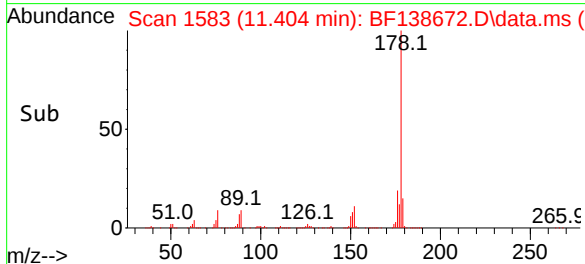
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



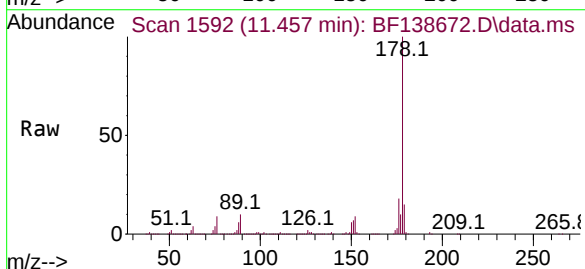
Tgt Ion:178 Resp: 550968
Ion Ratio Lower Upper
178 100
176 19.1 15.7 23.5
179 15.2 12.2 18.2

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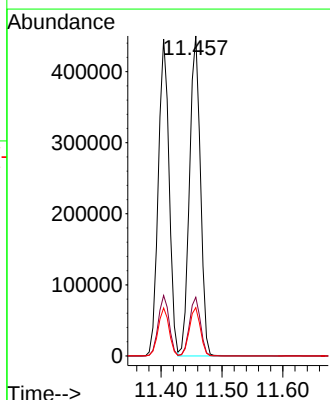
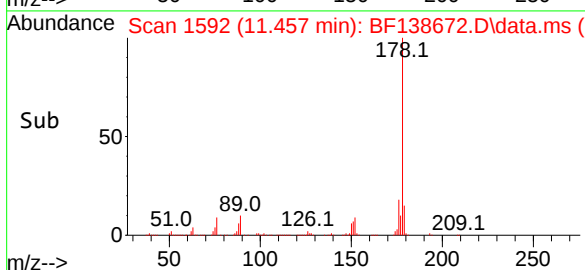
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

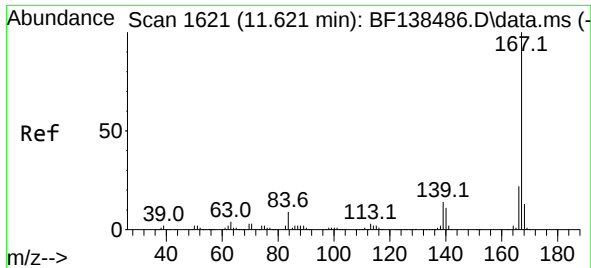


#72
Anthracene
Concen: 51.736 ng
RT: 11.457 min Scan# 1592
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42



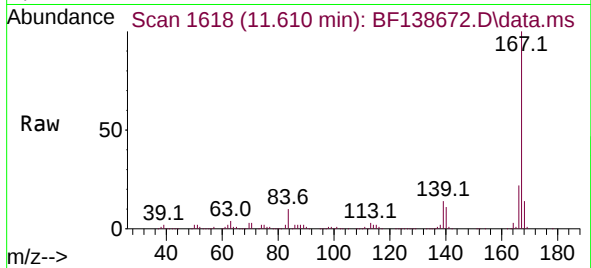
Tgt Ion:178 Resp: 561185
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.1 12.2 18.4





#73
Carbazole
Concen: 50.650 ng
RT: 11.610 min Scan# 1618
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

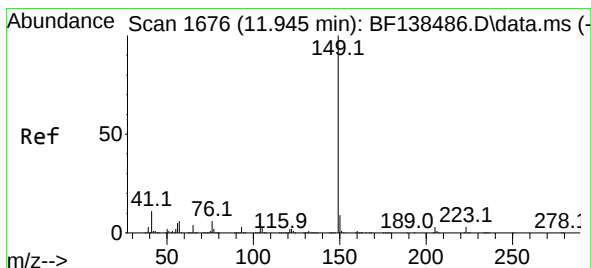
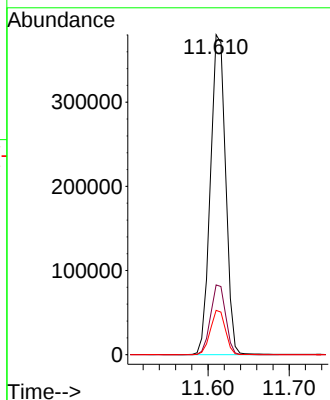
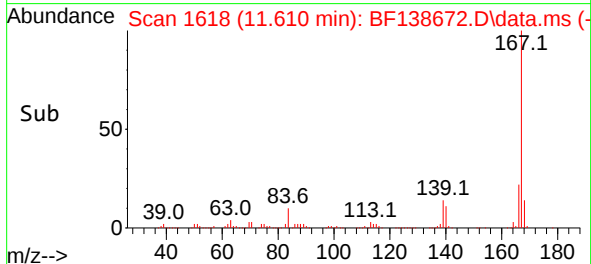
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



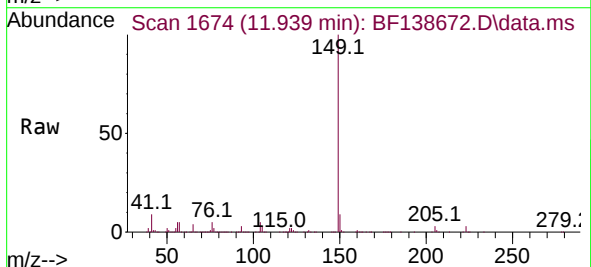
Tgt Ion:167 Resp: 493738
Ion Ratio Lower Upper
167 100
166 21.8 17.8 26.6
139 13.9 11.0 16.4

Manual Integrations
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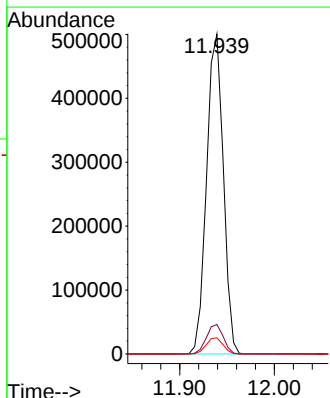
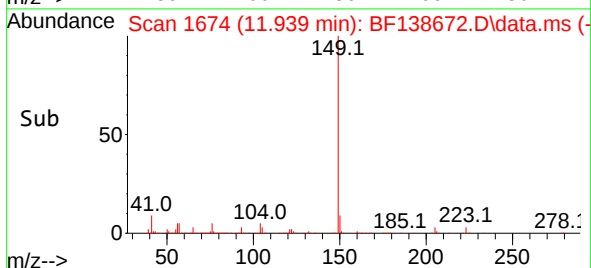
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

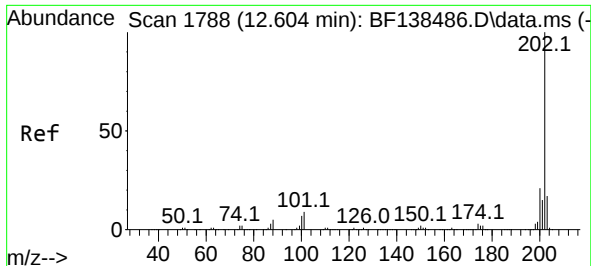


#74
Di-n-butylphthalate
Concen: 54.855 ng
RT: 11.939 min Scan# 1674
Delta R.T. -0.006 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42



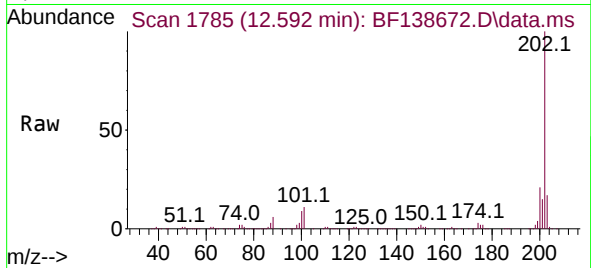
Tgt Ion:149 Resp: 616363
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.1 4.4 6.6





#75
Fluoranthene
Concen: 52.082 ng
RT: 12.592 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

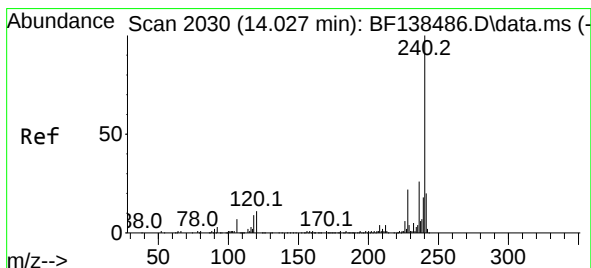
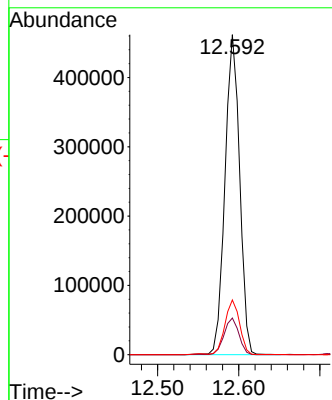
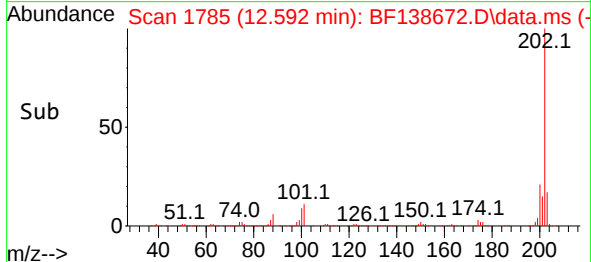
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



Tgt Ion:202 Resp: 58072
Ion Ratio Lower Upper
202 100
101 11.5 0.0 29.2
203 17.1 0.0 37.3

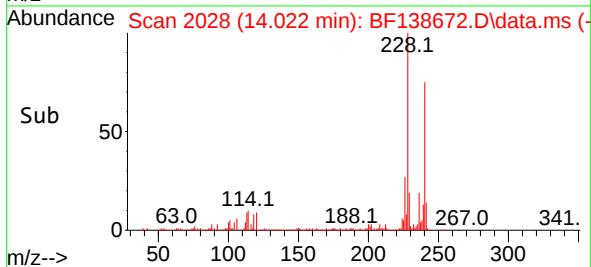
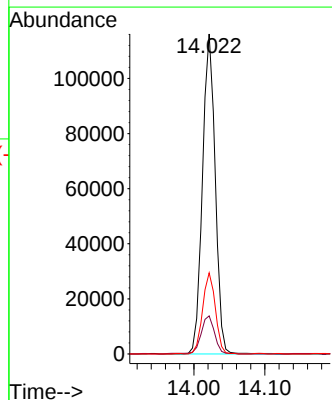
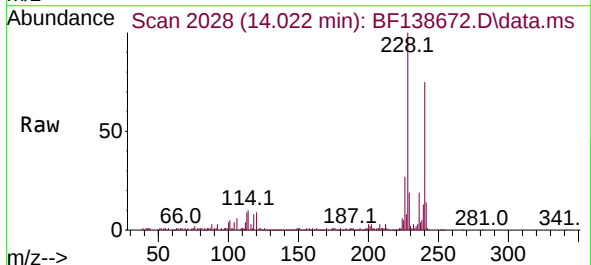
Manual Integrations
APPROVED

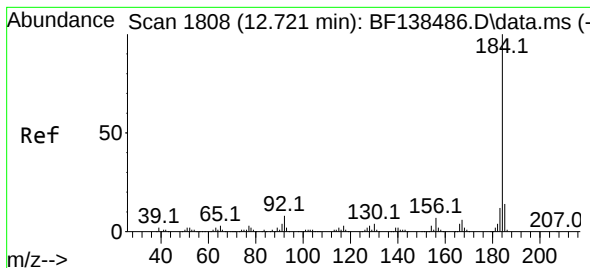
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.022 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

Tgt Ion:240 Resp: 145285
Ion Ratio Lower Upper
240 100
120 11.9 8.6 12.8
236 25.4 21.0 31.6





#77

Benzidine

Concen: 85.982 ng

RT: 12.716 min Scan# 1806

Delta R.T. -0.005 min

Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MS

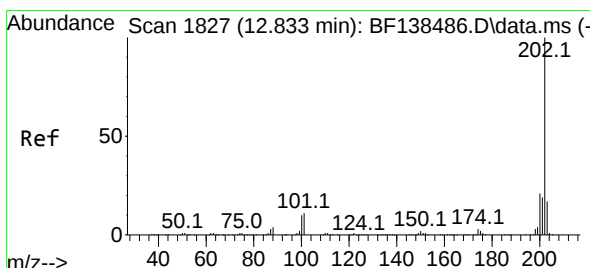
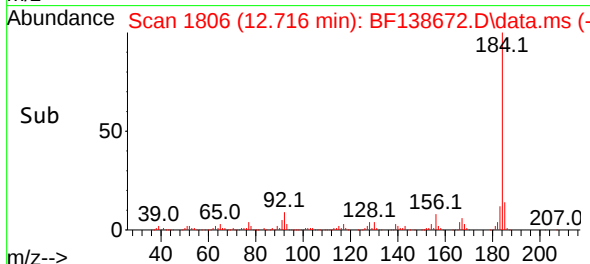
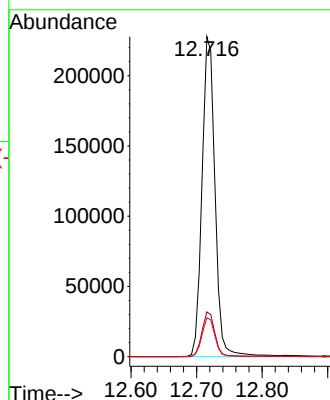
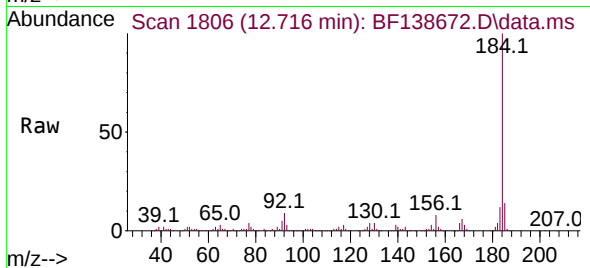
Tgt Ion:184	Resp: 31516
Ion Ratio	Lower Upper
184	100
185	14.0 11.3 16.9
183	12.2 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 07/31/2024



#78

Pyrene

Concen: 40.544 ng

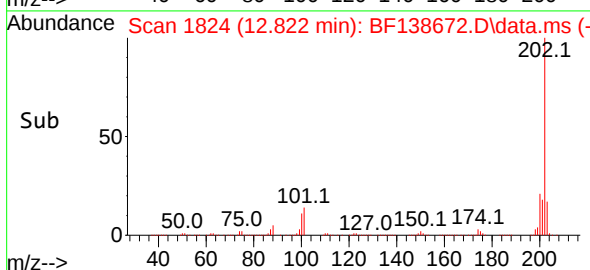
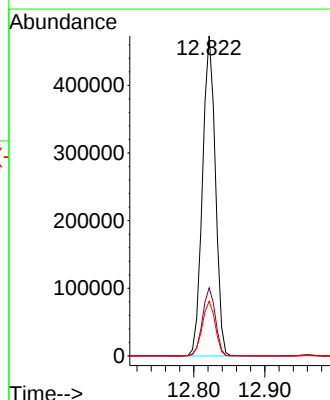
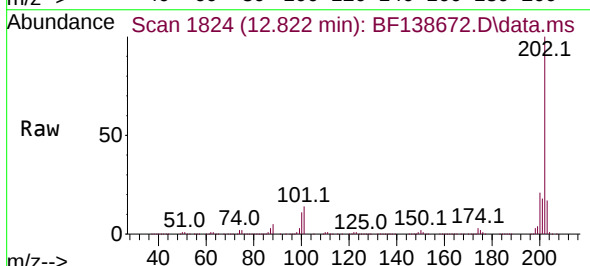
RT: 12.822 min Scan# 1824

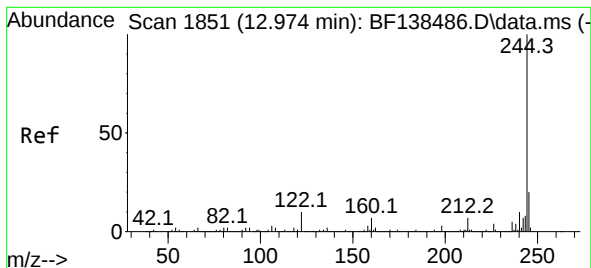
Delta R.T. -0.012 min

Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

Tgt Ion:202	Resp: 597963
Ion Ratio	Lower Upper
202	100
200	21.3 17.0 25.6
203	17.1 13.7 20.5





#79

Terphenyl-d14

Concen: 68.993 ng

RT: 12.963 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138672.D

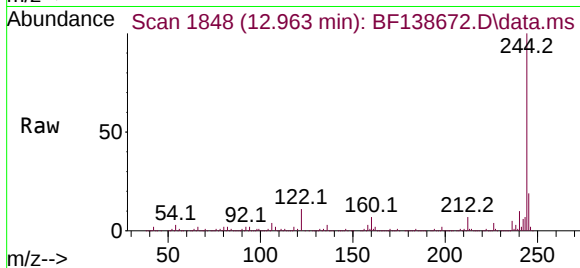
Acq: 29 Jul 2024 16:42

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MS



Tgt Ion:244 Resp: 615284

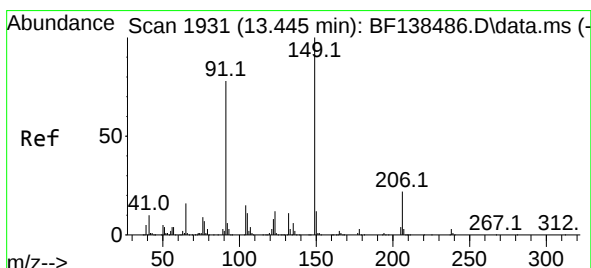
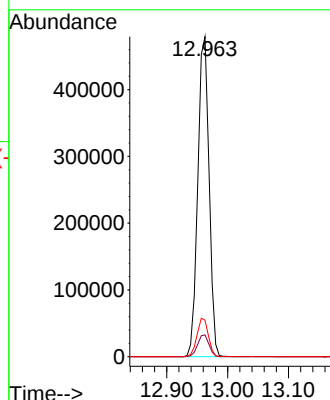
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.5	8.3
122	11.4	7.8	11.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 07/31/2024



#80

Butylbenzylphthalate

Concen: 58.566 ng

RT: 13.439 min Scan# 1929

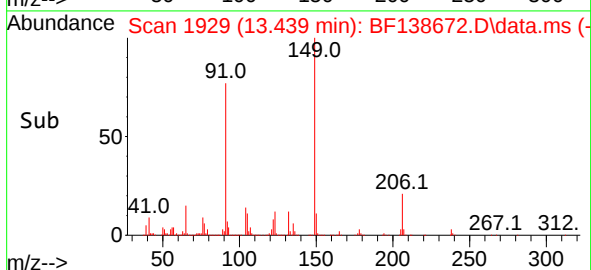
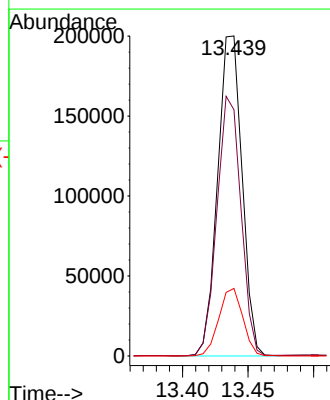
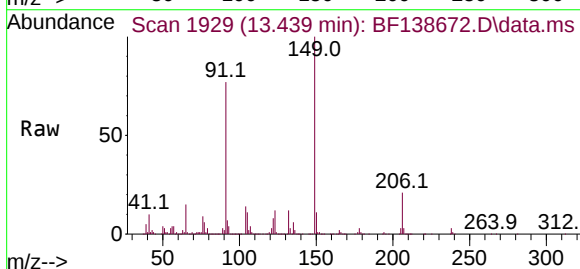
Delta R.T. -0.006 min

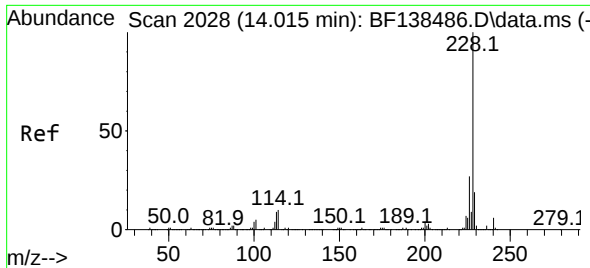
Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

Tgt Ion:149 Resp: 259833

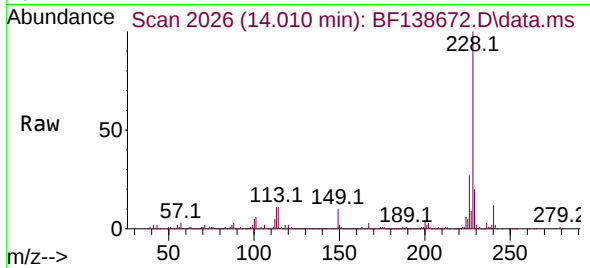
Ion	Ratio	Lower	Upper
149	100		
91	76.9	62.1	93.1
206	21.1	18.0	27.0





#81
Benzo(a)anthracene
Concen: 49.590 ng
RT: 14.010 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

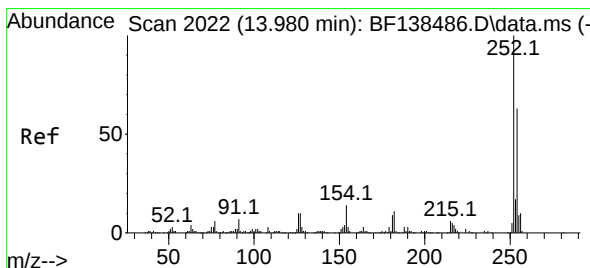
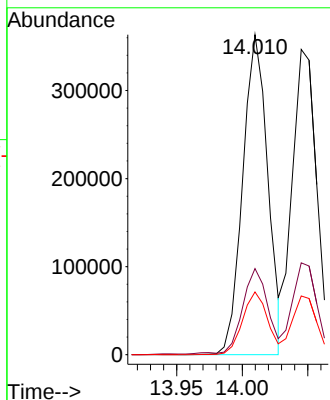
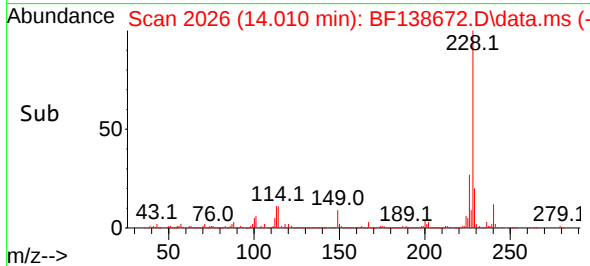
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



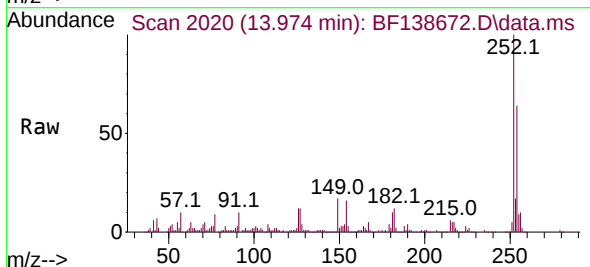
Tgt Ion:228 Resp: 483432
Ion Ratio Lower Upper
228 100
226 26.9 21.9 32.9
229 19.6 15.5 23.3

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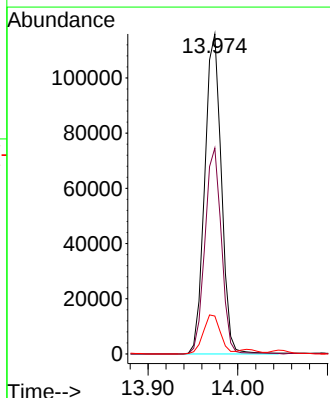
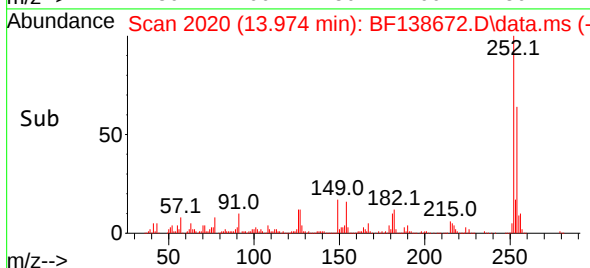
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

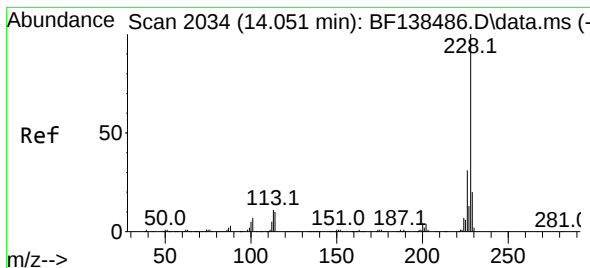


#82
3,3'-Dichlorobenzidine
Concen: 59.315 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42



Tgt Ion:252 Resp: 148997
Ion Ratio Lower Upper
252 100
254 64.4 50.3 75.5
126 11.8 8.1 12.1





#83

Chrysene

Concen: 48.695 ng

RT: 14.045 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MS

Tgt Ion:228 Resp: 449080

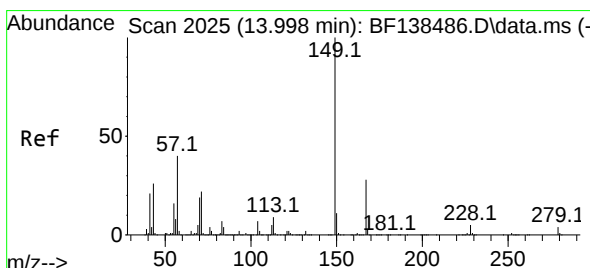
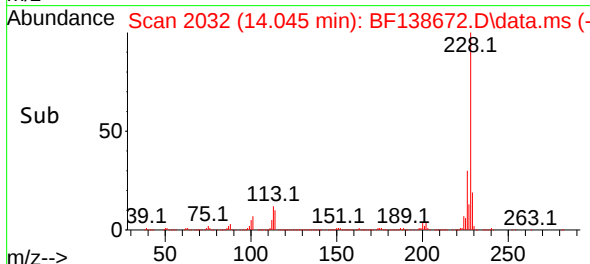
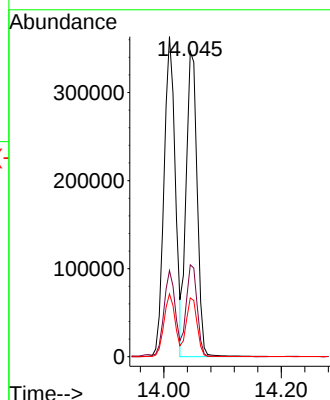
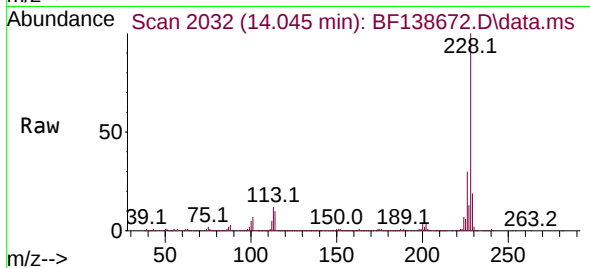
Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.4	36.6
229	19.2	16.0	24.0

Manual Integrations

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Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 07/31/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 72.656 ng

RT: 13.992 min Scan# 2023

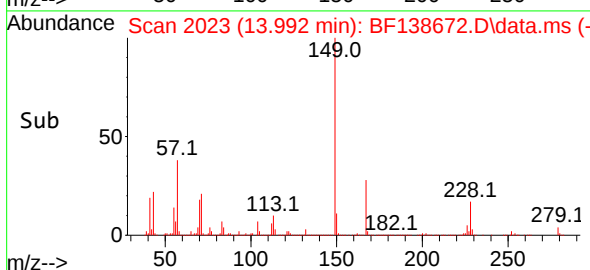
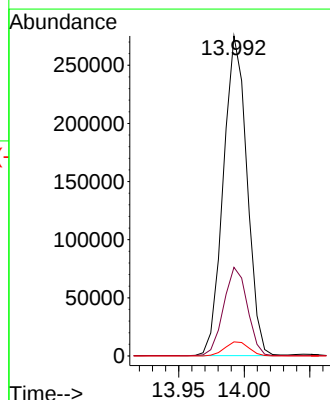
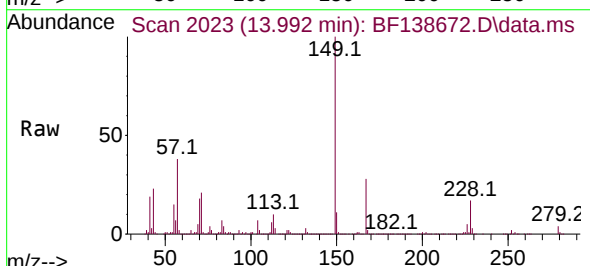
Delta R.T. -0.006 min

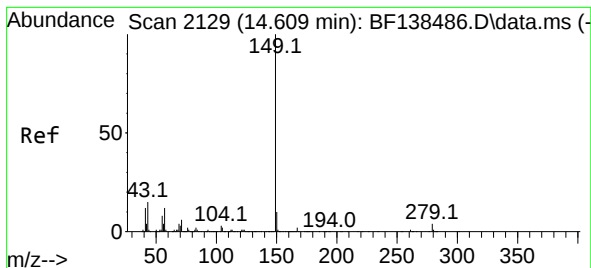
Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

Tgt Ion:149 Resp: 343785

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.5	33.7
279	4.4	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 71.772 ng

RT: 14.604 min Scan# 2129

Delta R.T. -0.005 min

Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MS

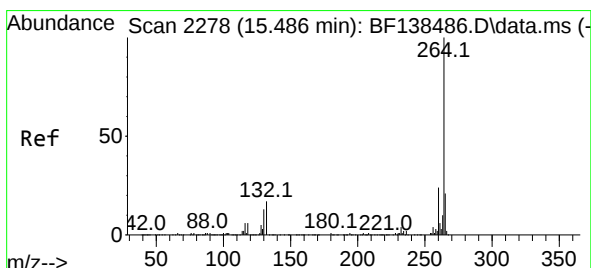
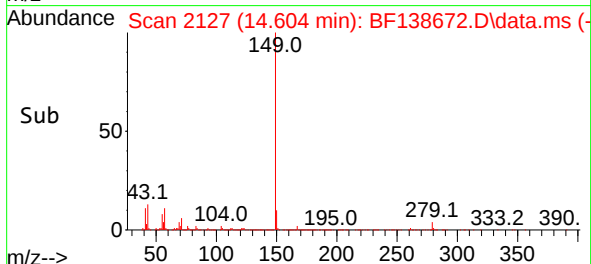
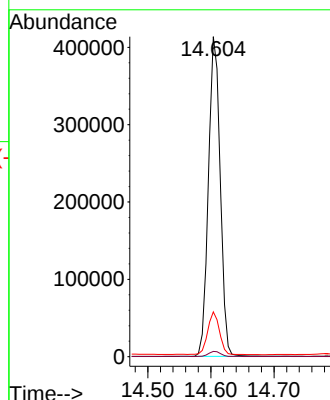
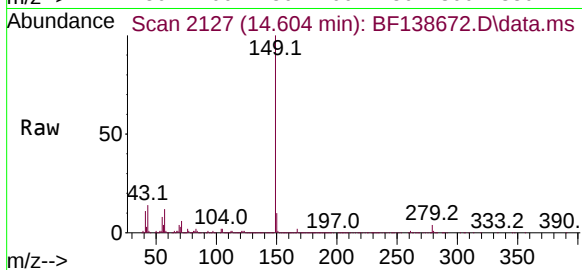
Tgt Ion:149 Resp: 536485
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 13.4 10.7 16.1

Manual Integrations

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Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 07/31/2024



#86

Perylene-d12

Concen: 20.000 ng

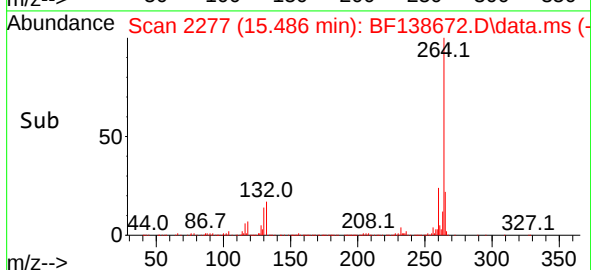
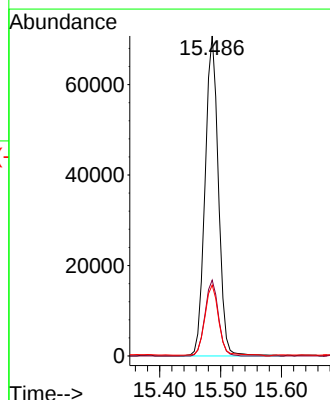
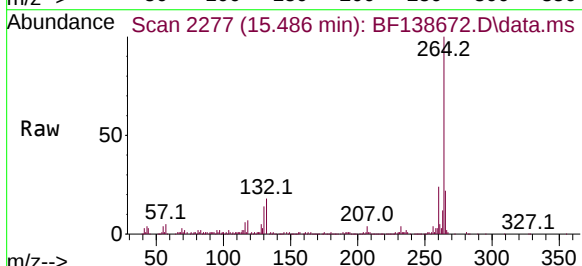
RT: 15.486 min Scan# 2277

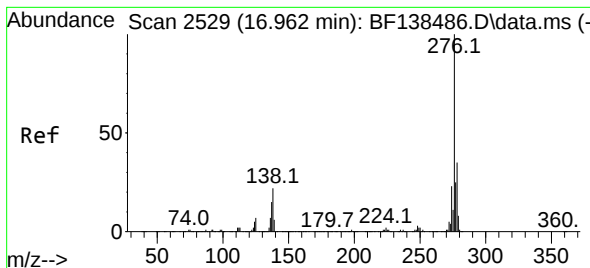
Delta R.T. 0.000 min

Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

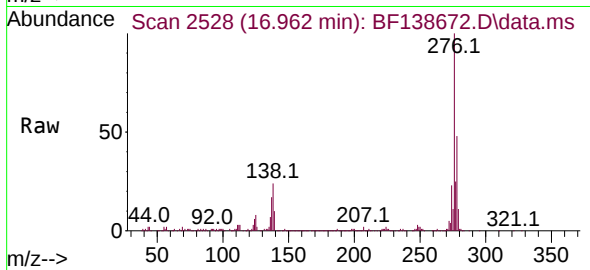
Tgt Ion:264 Resp: 107531
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 22.2 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.679 ng
RT: 16.962 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

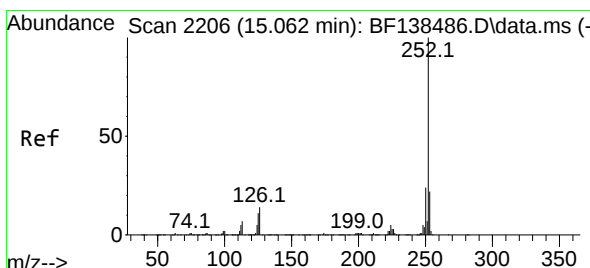
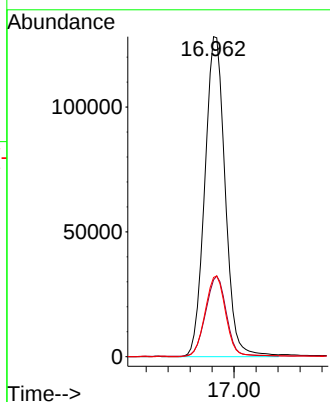
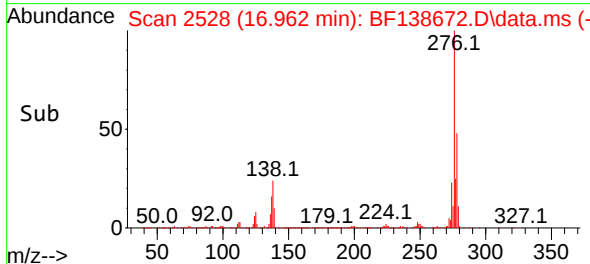
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



Tgt Ion: 276 Resp: 32993
Ion Ratio Lower Upper
276 100
138 25.4 19.6 29.4
277 26.2 20.5 30.7

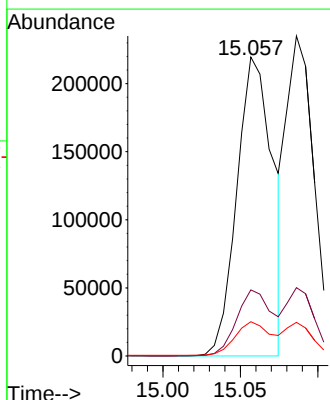
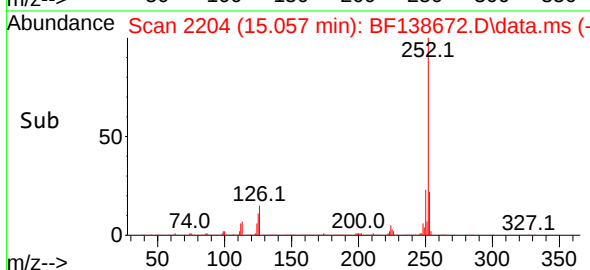
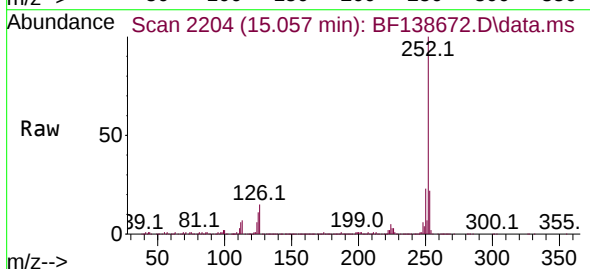
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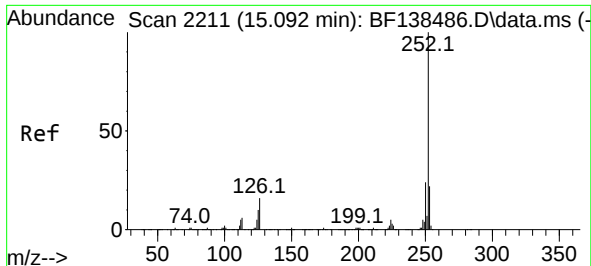
Reviewed By : Yogesh Patel 07/30/2024
Supervised By : mohammad ahmed 07/31/2024



#88
Benzo(b)fluoranthene
Concen: 58.465 ng
RT: 15.057 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

Tgt Ion: 252 Resp: 354054
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 11.4 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 49.750 ng

RT: 15.086 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MS

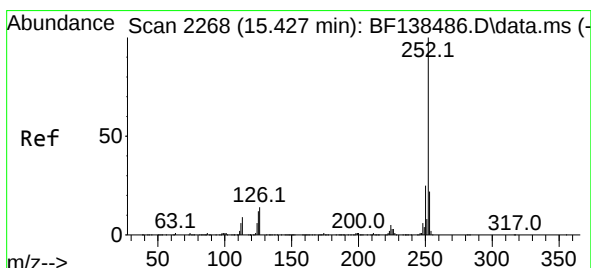
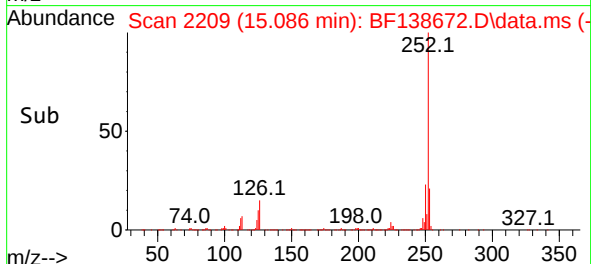
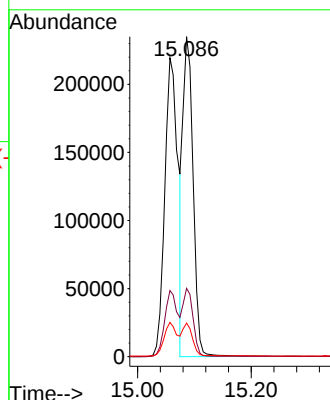
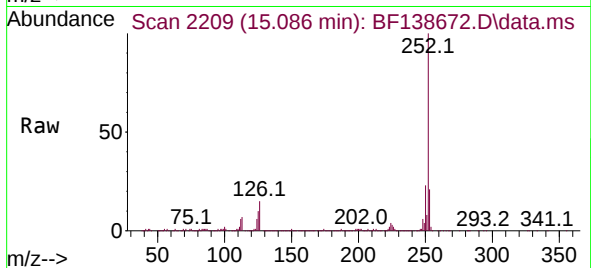
Tgt Ion:252 Resp: 29383
 Ion Ratio Lower Upper
 252 100
 253 21.4 17.7 26.5
 125 10.5 8.1 12.1

Manual Integrations

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Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 07/31/2024



#90

Benzo(a)pyrene

Concen: 52.031 ng

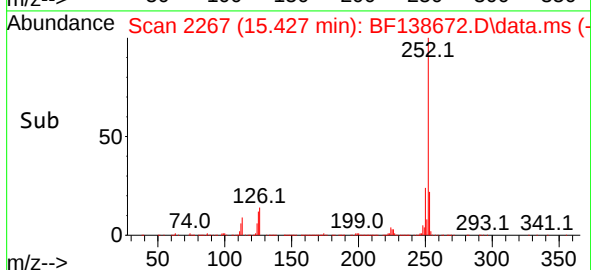
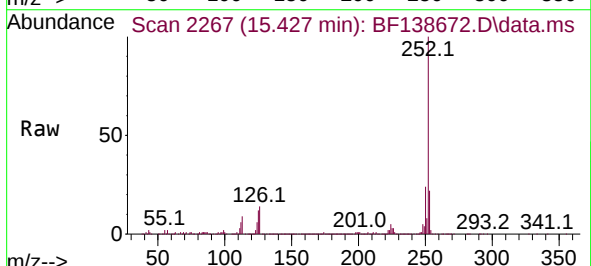
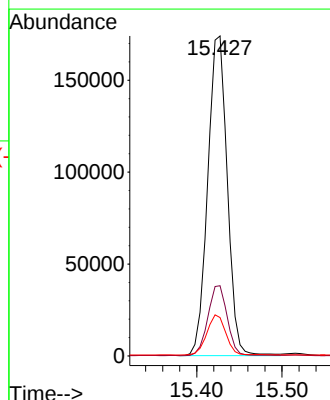
RT: 15.427 min Scan# 2267

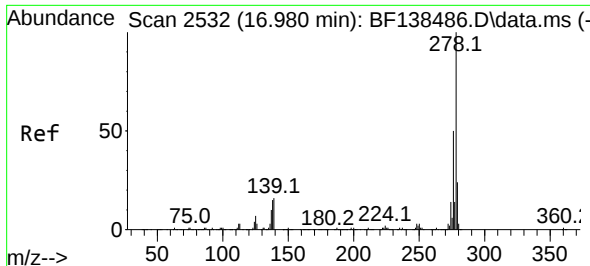
Delta R.T. 0.000 min

Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

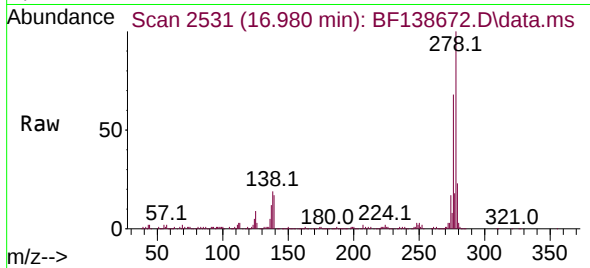
Tgt Ion:252 Resp: 276796
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.4 26.0
 125 12.0 9.4 14.2





#91
Dibenzo(a,h)anthracene
Concen: 44.239 ng
RT: 16.980 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

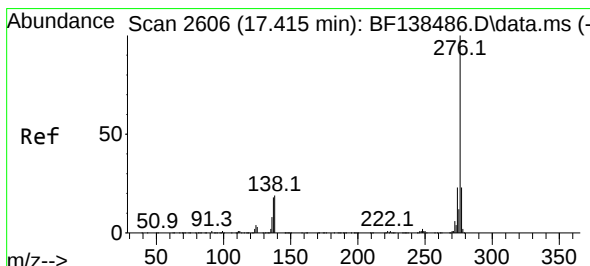
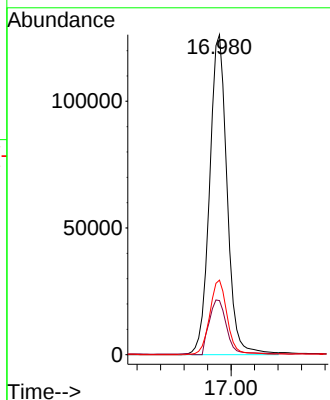
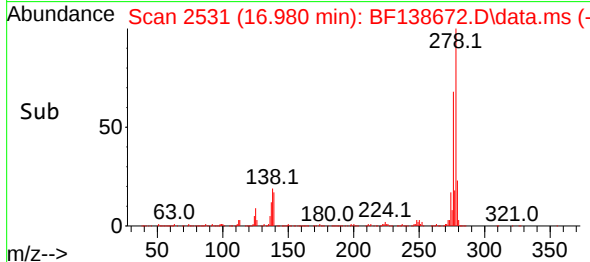
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



Tgt Ion:278 Resp: 261380
Ion Ratio Lower Upper
278 100
139 16.9 12.8 19.2
279 23.3 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#92
Benzo(g,h,i)perylene
Concen: 40.773 ng
RT: 17.410 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

Tgt Ion:276 Resp: 255449
Ion Ratio Lower Upper
276 100
277 23.5 18.0 27.0
138 22.2 15.5 23.3

