

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
 Data File : BF141757.D
 Acq On : 25 Feb 2025 11:33
 Operator : RC/JU
 Sample : PB166840BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166840BS

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 02/26/2025
 Supervised By :mohammad ahmed 02/28/2025

Quant Time: Feb 25 11:58:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	88208	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	350101	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	190621	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	316029	20.000	ng	-0.01
76) Chrysene-d12	13.945	240	178696	20.000	ng	-0.02
86) Perylene-d12	15.386	264	160920	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	722263	128.370	ng	0.00
7) Phenol-d6	6.428	99	878433	123.526	ng	-0.01
23) Nitrobenzene-d5	7.351	82	579434	86.324	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	247535	129.270	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1113819	90.021	ng	-0.01
79) Terphenyl-d14	12.886	244	1143911	108.067	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	86132	38.036	ng	97
3) Pyridine	3.305	79	202860	37.646	ng	94
4) n-Nitrosodimethylamine	3.246	42	128249	35.943	ng	91
6) Aniline	6.445	93	232047	34.786	ng	# 73
8) 2-Chlorophenol	6.575	128	257849	42.412	ng	98
9) Benzaldehyde	6.334	77	101594	26.884	ng	97
10) Phenol	6.445	94	305708	41.303	ng	97
11) bis(2-Chloroethyl)ether	6.516	93	239235	43.033	ng	100
12) 1,3-Dichlorobenzene	6.722	146	273870	42.670	ng	98
13) 1,4-Dichlorobenzene	6.798	146	275779	42.054	ng	99
14) 1,2-Dichlorobenzene	6.951	146	262834	43.184	ng	99
15) Benzyl Alcohol	6.928	79	219206	40.197	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	370969	38.981	ng	61
17) 2-Methylphenol	7.051	107	196585	41.320	ng	# 93
18) Hexachloroethane	7.287	117	102797	42.357	ng	98
19) n-Nitroso-di-n-propyla...	7.198	70	175243	41.197	ng	95
20) 3+4-Methylphenols	7.204	107	260505	43.085	ng	# 78
22) Acetophenone	7.192	105	397204	45.609	ng	92
24) Nitrobenzene	7.369	77	262965	40.176	ng	97
25) Isophorone	7.604	82	473002	44.195	ng	99
26) 2-Nitrophenol	7.681	139	138477	42.524	ng	94
27) 2,4-Dimethylphenol	7.728	122	207112	54.443	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	293154	42.746	ng	99
29) 2,4-Dichlorophenol	7.934	162	214704	41.771	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	234932	41.972	ng	100
31) Naphthalene	8.087	128	745183	40.890	ng	100
32) Benzoic acid	7.869	122	133405	33.761	ng	99
33) 4-Chloroaniline	8.145	127	129430	20.342	ng	97
34) Hexachlorobutadiene	8.198	225	144187	42.909	ng	99
35) Caprolactam	8.510	113	75690m	48.365	ng	
36) 4-Chloro-3-methylphenol	8.634	107	230514	40.486	ng	100
37) 2-Methylnaphthalene	8.775	142	469743	39.611	ng	100
38) 1-Methylnaphthalene	8.875	142	459207	39.980	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	259469	47.049	ng	99
41) Hexachlorocyclopentadiene	8.928	237	229888	125.327	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	148002	41.523	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

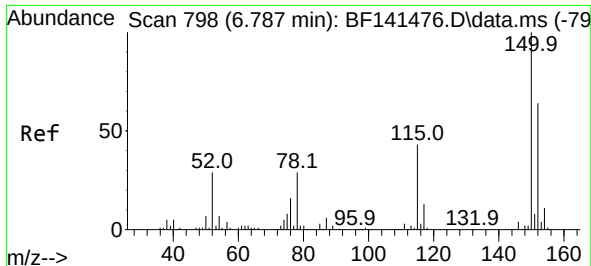
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	156057	40.399	ng	97
46) 1,1'-Biphenyl	9.239	154	683483	46.249	ng	99
47) 2-Chloronaphthalene	9.263	162	463438	42.407	ng	99
48) 2-Nitroaniline	9.369	65	145853	39.769	ng	93
49) Acenaphthylene	9.681	152	707078	43.500	ng	100
50) Dimethylphthalate	9.539	163	552390	42.686	ng	99
51) 2,6-Dinitrotoluene	9.610	165	123297	43.584	ng	93
52) Acenaphthene	9.851	154	441774	40.427	ng	99
53) 3-Nitroaniline	9.781	138	75913	24.932	ng	96
54) 2,4-Dinitrophenol	9.898	184	132548	78.836	ng	90
55) Dibenzofuran	10.022	168	637549	39.748	ng	99
56) 4-Nitrophenol	9.963	139	155912	68.980	ng	93
57) 2,4-Dinitrotoluene	10.016	165	160830	42.706	ng	98
58) Fluorene	10.363	166	516134	41.617	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	135473	40.735	ng	94
60) Diethylphthalate	10.239	149	532257	41.804	ng	100
61) 4-Chlorophenyl-phenyle...	10.357	204	250734	42.024	ng	99
62) 4-Nitroaniline	10.392	138	118787	38.421	ng	96
63) Azobenzene	10.516	77	500497	39.542	ng	96
65) 4,6-Dinitro-2-methylph...	10.428	198	88506	40.316	ng	91
66) n-Nitrosodiphenylamine	10.480	169	454212	44.899	ng	98
67) 4-Bromophenyl-phenylether	10.845	248	154793	43.825	ng	98
68) Hexachlorobenzene	10.916	284	165572	45.524	ng	99
69) Atrazine	11.010	200	169846	55.964	ng	99
70) Pentachlorophenol	11.116	266	150745	64.820	ng	99
71) Phenanthrene	11.328	178	747125	42.948	ng	100
72) Anthracene	11.380	178	772895	44.198	ng	100
73) Carbazole	11.539	167	651374	41.397	ng	99
74) Di-n-butylphthalate	11.863	149	791451	43.562	ng	100
75) Fluoranthene	12.516	202	733010	39.744	ng	99
77) Benzidine	12.639	184	192217	48.773	ng	100
78) Pyrene	12.745	202	737808	48.502	ng	99
80) Butylbenzylphthalate	13.357	149	256086	48.603	ng	100
81) Benzo(a)anthracene	13.933	228	524204	44.130	ng	100
82) 3,3'-Dichlorobenzidine	13.898	252	103323	30.365	ng	99
83) Chrysene	13.969	228	464718	42.370	ng	99
84) Bis(2-ethylhexyl)phtha...	13.916	149	315365	53.069	ng	99
85) Di-n-octyl phthalate	14.527	149	464610	54.805	ng	98
87) Indeno(1,2,3-cd)pyrene	16.827	276	526252	52.926	ng	100
88) Benzo(b)fluoranthene	14.968	252	421609	39.020	ng	99
89) Benzo(k)fluoranthene	14.998	252	413697	44.838	ng	98
90) Benzo(a)pyrene	15.327	252	407894	46.653	ng	99
91) Dibenzo(a,h)anthracene	16.839	278	423083	52.513	ng	99
92) Benzo(g,h,i)perylene	17.257	276	414484	49.162	ng	99

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

Manual Integrations

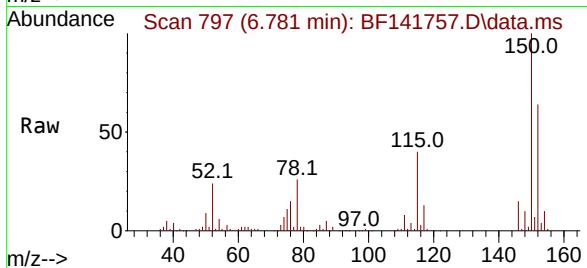
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF141757.D
 Acq: 25 Feb 2025 11:33

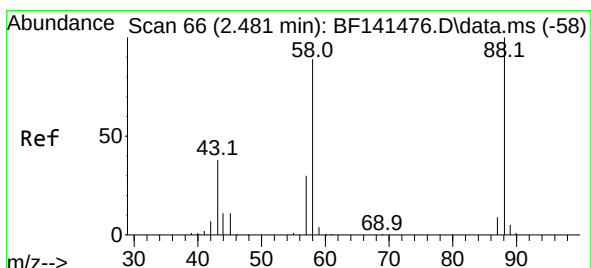
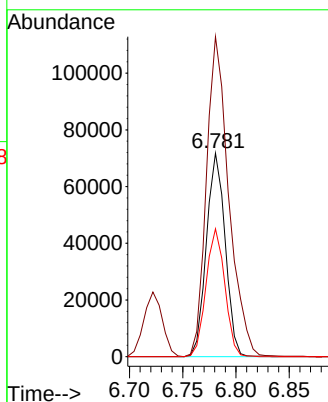
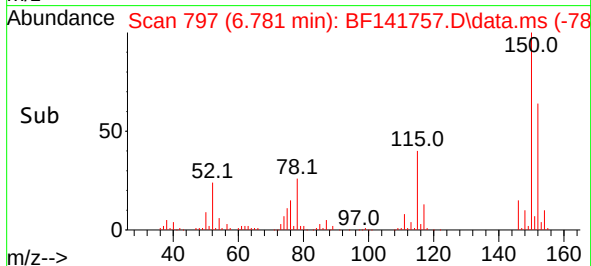
Instrument :
 BNA_F
 ClientSampleId :
 PB166840BS



Tgt Ion:152 Resp: 88208
 Ion Ratio Lower Upper
 152 100
 150 157.2 125.0 187.4
 115 62.8 53.6 80.4

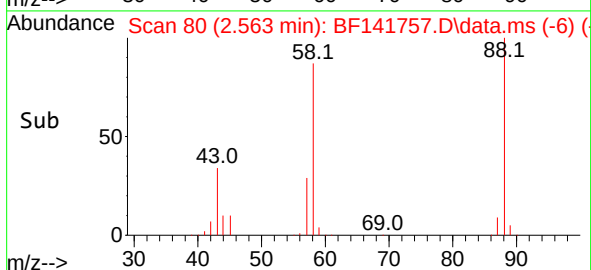
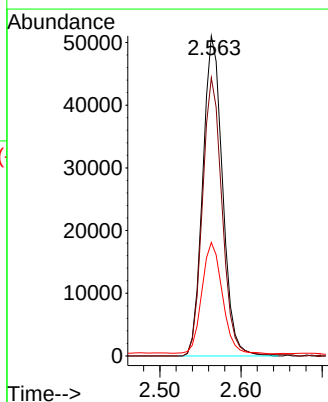
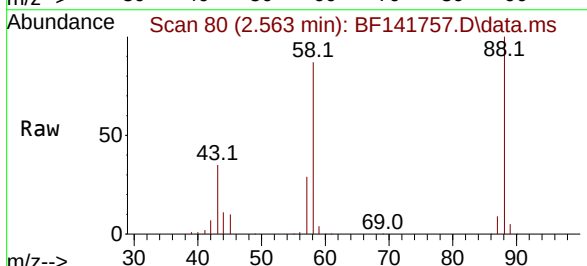
Manual Integrations
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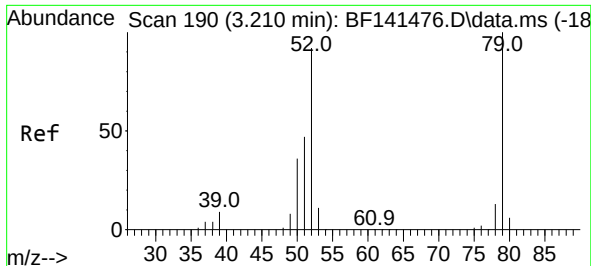
Reviewed By :Anahy Claudio 02/26/2025
 Supervised By :mohammad ahmed 02/28/2025



#2
 1,4-Dioxane
 Concen: 38.036 ng
 RT: 2.563 min Scan# 80
 Delta R.T. 0.083 min
 Lab File: BF141757.D
 Acq: 25 Feb 2025 11:33

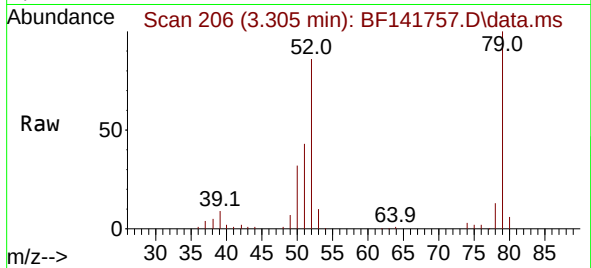
Tgt Ion: 88 Resp: 86132
 Ion Ratio Lower Upper
 88 100
 58 87.0 71.1 106.7
 43 36.0 30.6 46.0





#3
Pyridine
Concen: 37.646 ng
RT: 3.305 min Scan# 206
Delta R.T. 0.088 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

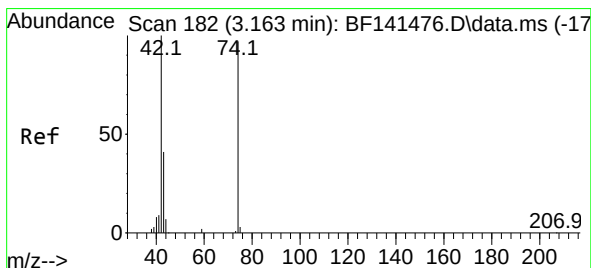
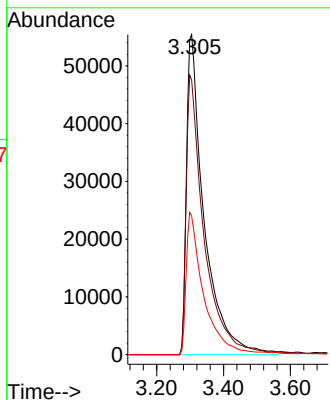
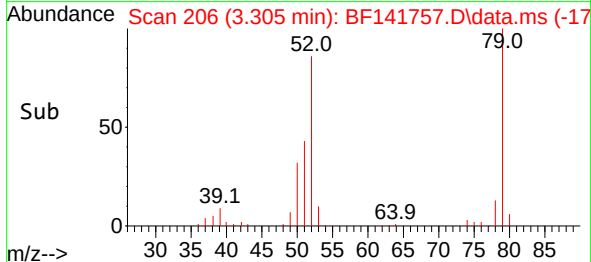
Instrument :
BNA_F
ClientSampleId :
PB166840BS



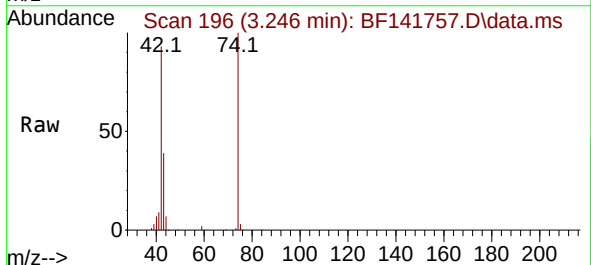
Tgt Ion: 79 Resp: 202860
Ion Ratio Lower Upper
79 100
52 85.8 73.7 110.5
51 43.4 37.5 56.3

Manual Integrations
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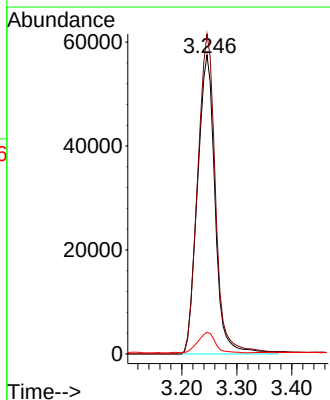
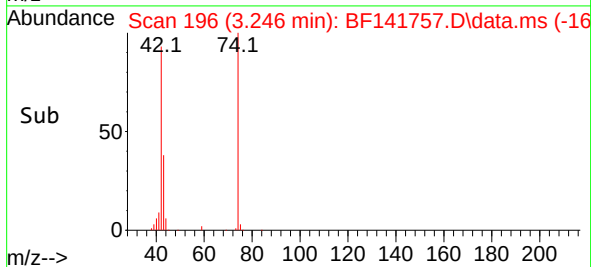
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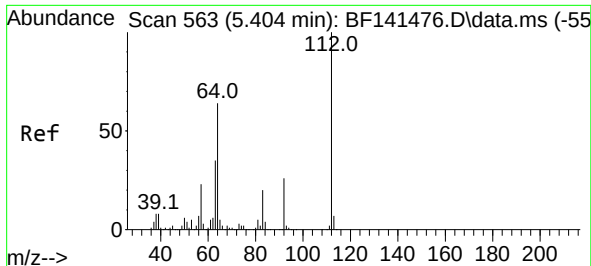


#4
n-Nitrosodimethylamine
Concen: 35.943 ng
RT: 3.246 min Scan# 196
Delta R.T. 0.059 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33



Tgt Ion: 42 Resp: 128249
Ion Ratio Lower Upper
42 100
74 107.0 78.0 117.0
44 7.2 5.4 8.2





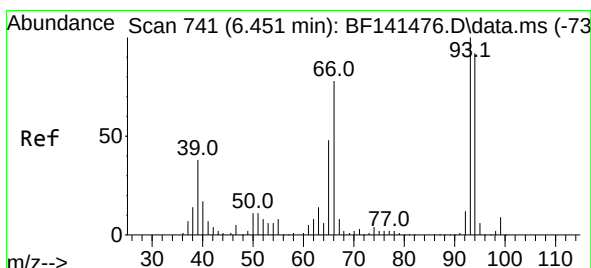
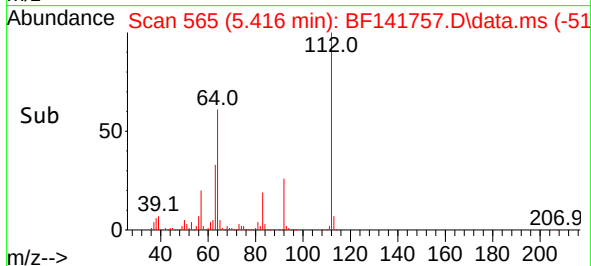
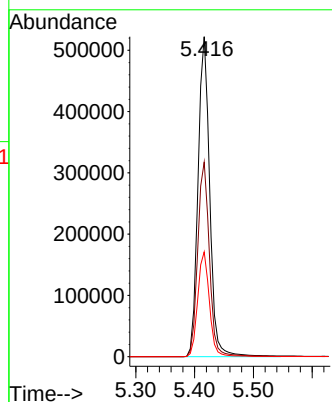
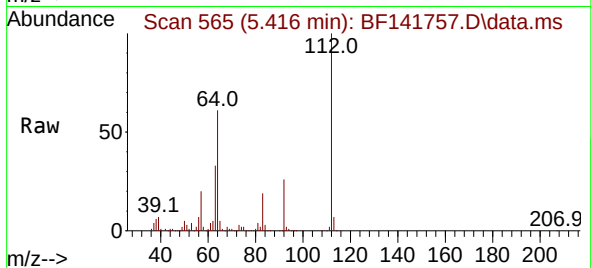
#5
2-Fluorophenol
Concen: 128.370 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

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Tgt Ion:112 Resp: 72226
Ion Ratio Lower Upper
112 100
64 60.8 51.1 76.7
63 32.7 28.4 42.6

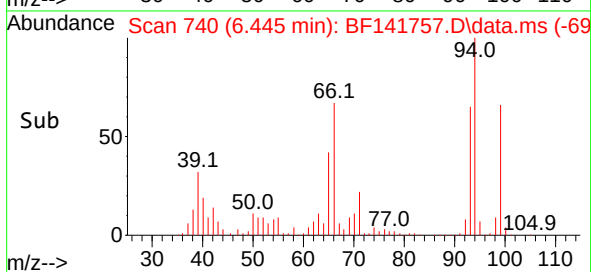
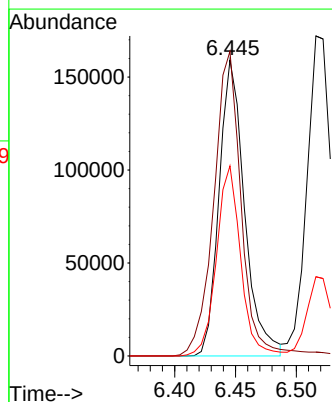
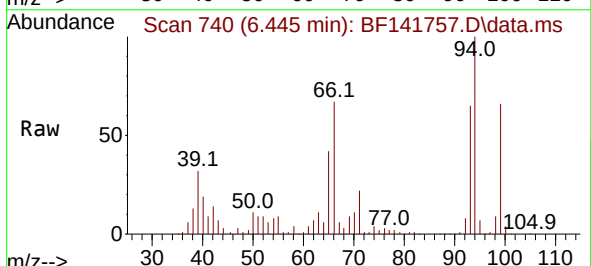
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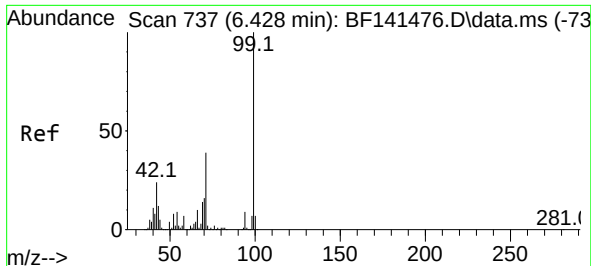
Reviewed By :Anahy Claudio 02/26/2025
Supervised By :mohammad ahmed 02/28/2025



#6
Aniline
Concen: 34.786 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.017 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

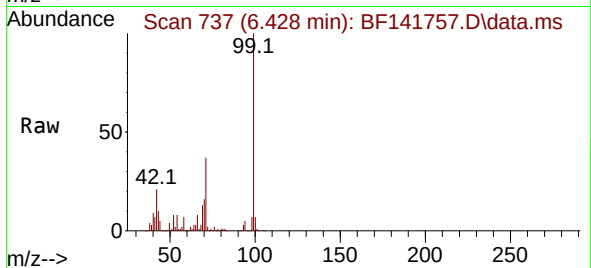
Tgt Ion: 93 Resp: 232047
Ion Ratio Lower Upper
93 100
66 102.9 62.6 94.0#
65 64.2 38.3 57.5#





#7
Phenol-d6
Concen: 123.526 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

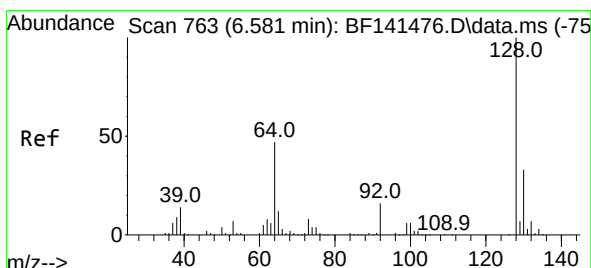
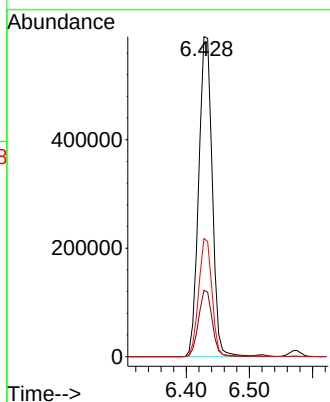
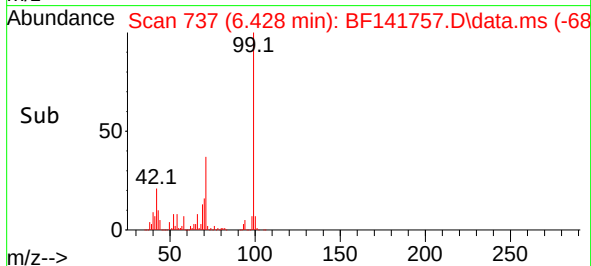
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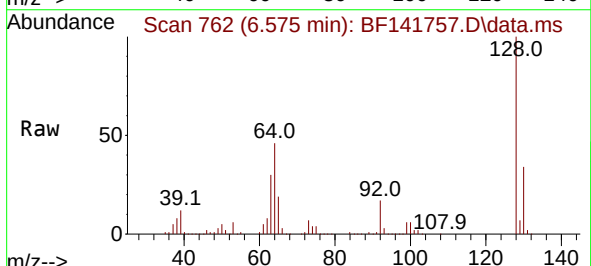
Tgt Ion: 99 Resp: 87843
Ion Ratio Lower Upper
99 100
42 20.8 19.1 28.7
71 36.9 31.1 46.7

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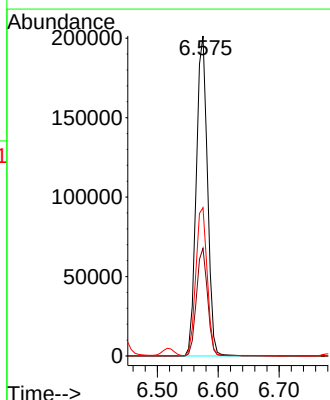
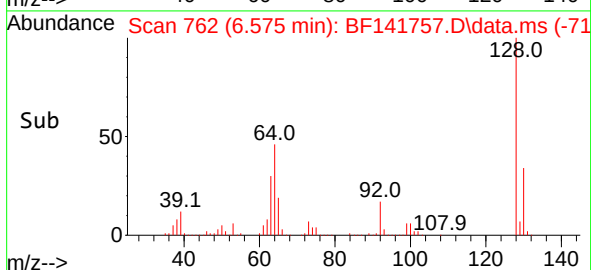
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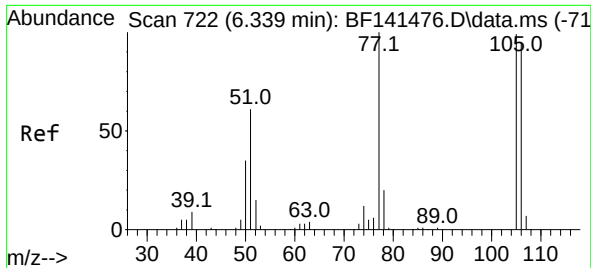


#8
2-Chlorophenol
Concen: 42.412 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33



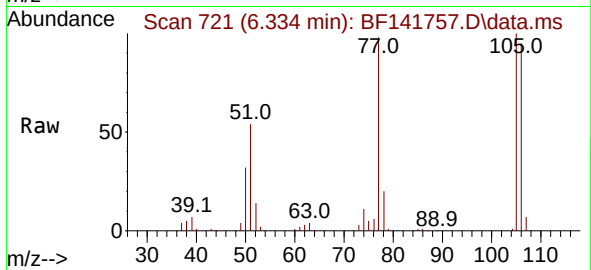
Tgt Ion:128 Resp: 257849
Ion Ratio Lower Upper
128 100
130 33.7 12.7 52.7
64 46.4 28.3 68.3





#9
Benzaldehyde
Concen: 26.884 ng
RT: 6.334 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

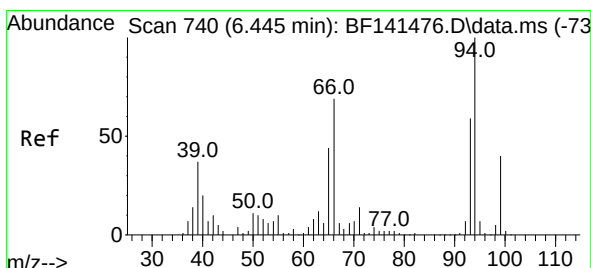
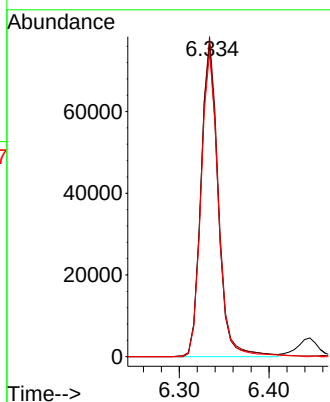
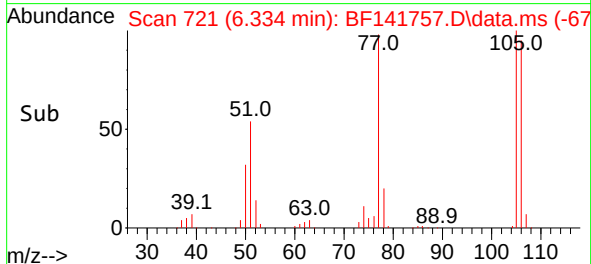
Instrument :
BNA_F
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Tgt Ion: 77 Resp: 101594
Ion Ratio Lower Upper
77 100
105 102.2 79.4 119.4
106 97.3 75.1 115.1

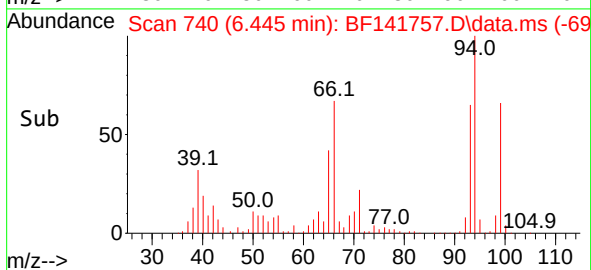
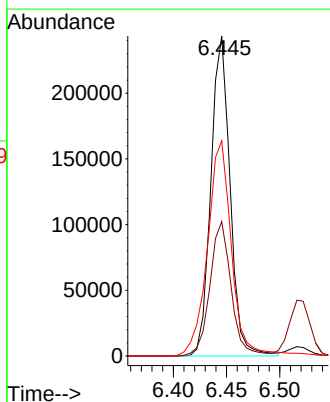
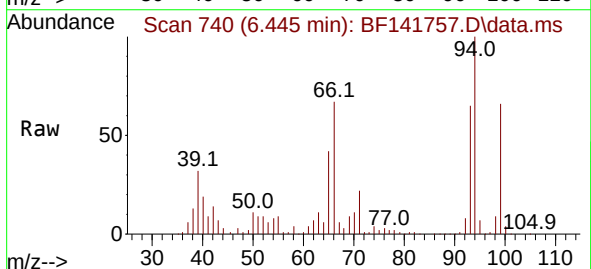
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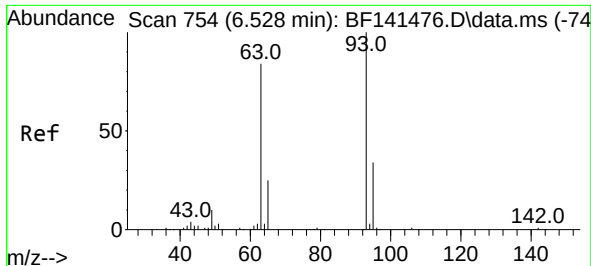
Reviewed By :Anahy Claudio 02/26/2025
Supervised By :mohammad ahmed 02/28/2025



#10
Phenol
Concen: 41.303 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Tgt Ion: 94 Resp: 305708
Ion Ratio Lower Upper
94 100
65 42.0 23.7 63.7
66 67.3 49.3 89.3





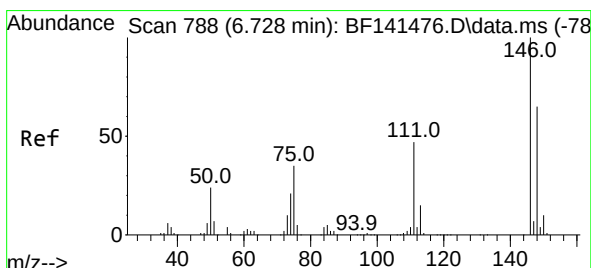
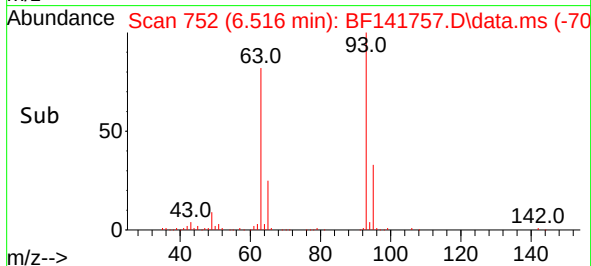
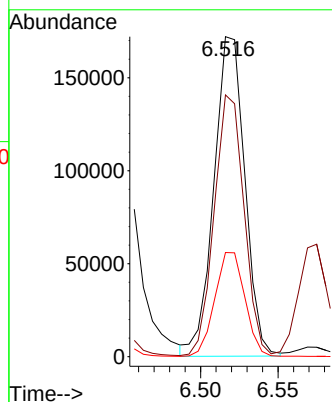
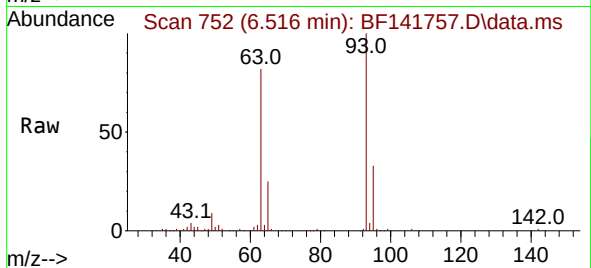
#11
bis(2-Chloroethyl)ether
Concen: 43.033 ng
RT: 6.516 min Scan# 754
Delta R.T. -0.017 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Instrument :
BNA_F
ClientSampleId :
PB166840BS

Tgt Ion: 93 Resp: 239235
Ion Ratio Lower Upper
93 100
63 81.8 62.0 102.0
95 32.5 12.6 52.6

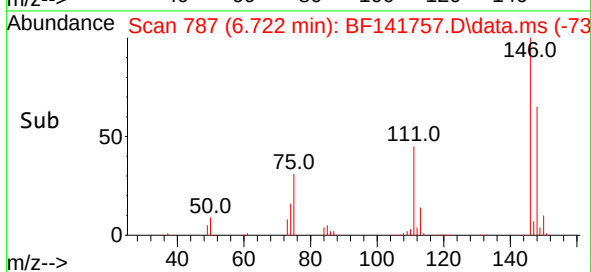
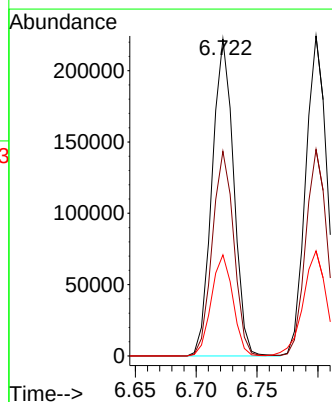
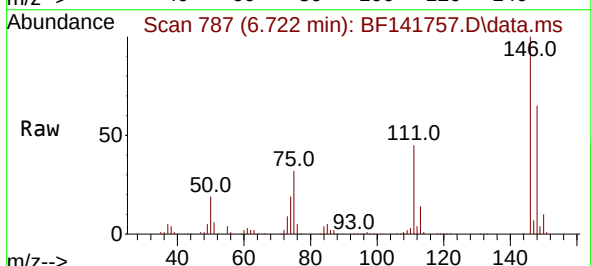
Manual Integrations
APPROVED

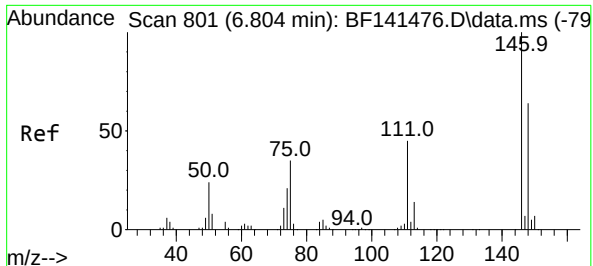
Reviewed By :Anahy Claudio 02/26/2025
Supervised By :mohammad ahmed 02/28/2025



#12
1,3-Dichlorobenzene
Concen: 42.670 ng
RT: 6.722 min Scan# 787
Delta R.T. -0.012 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Tgt Ion:146 Resp: 273870
Ion Ratio Lower Upper
146 100
148 64.5 51.9 77.9
75 31.9 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 42.054 ng

RT: 6.798 min Scan# 801

Delta R.T. -0.012 min

Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

Instrument :

BNA_F

ClientSampleId :

PB166840BS

Tgt Ion:146 Resp: 275779

Ion Ratio Lower Upper

146 100

148 64.6 50.9 76.3

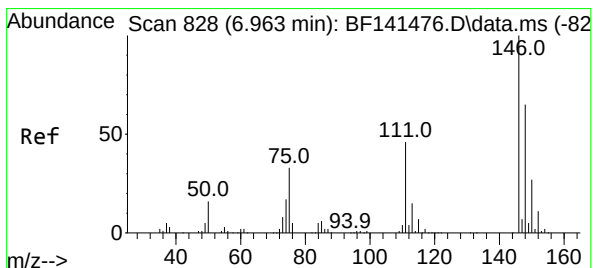
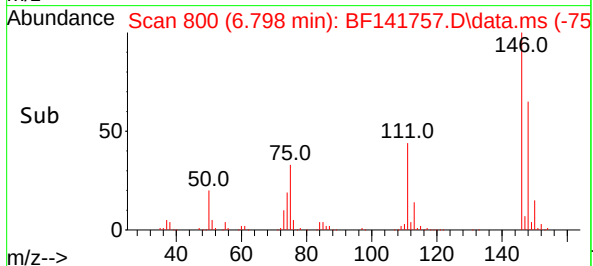
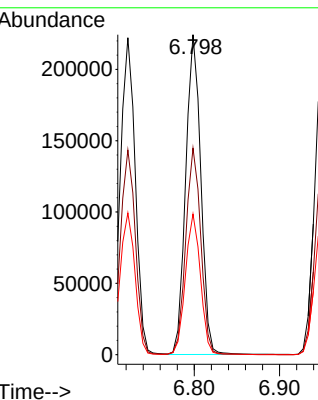
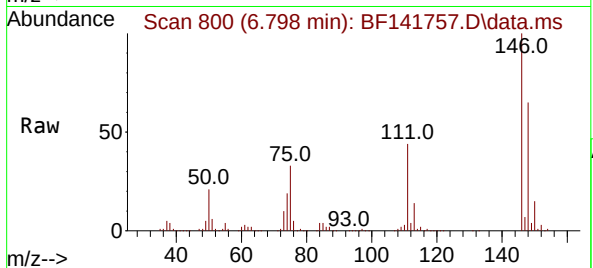
111 43.9 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/26/2025

Supervised By :mohammad ahmed 02/28/2025



#14

1,2-Dichlorobenzene

Concen: 43.184 ng

RT: 6.951 min Scan# 826

Delta R.T. -0.012 min

Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

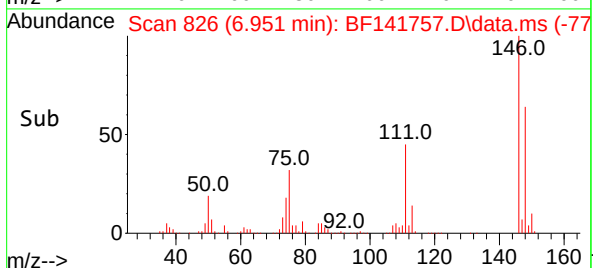
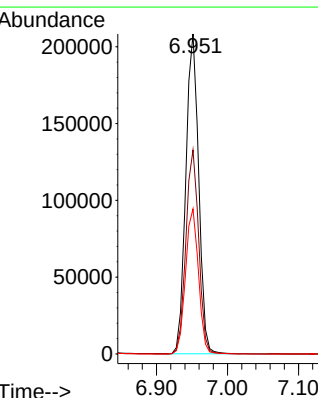
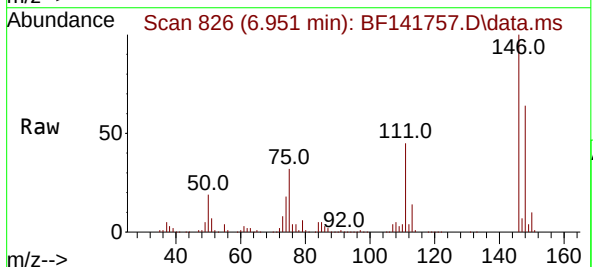
Tgt Ion:146 Resp: 262834

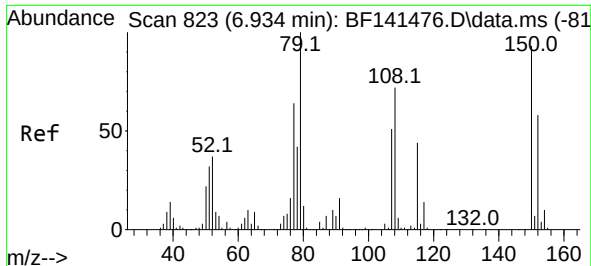
Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.6

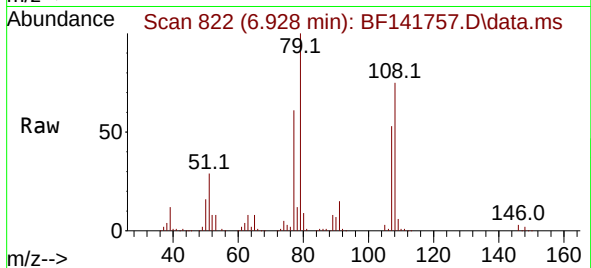
111 45.3 37.0 55.4





#15
Benzyl Alcohol
Concen: 40.197 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

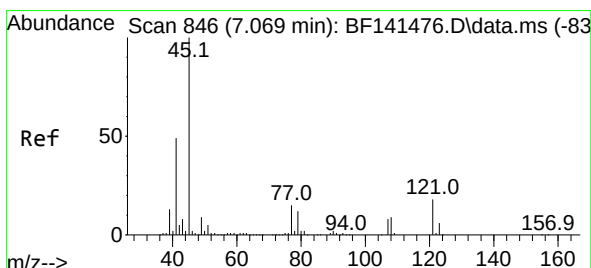
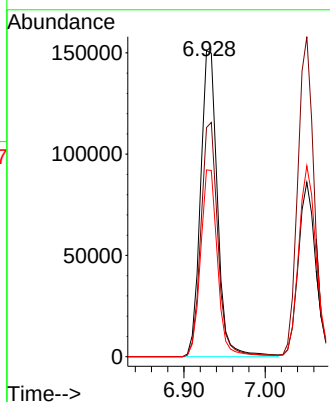
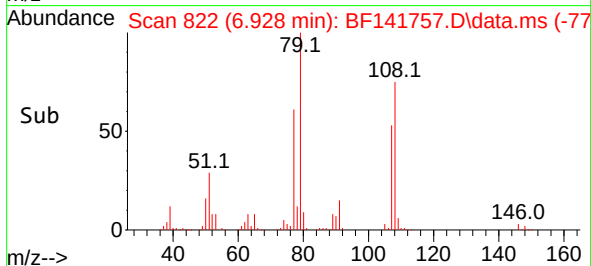
Instrument :
BNA_F
ClientSampleId :
PB166840BS



Tgt Ion: 79 Resp: 219200
Ion Ratio Lower Upper
79 100
108 74.9 57.4 86.2
77 61.0 50.9 76.3

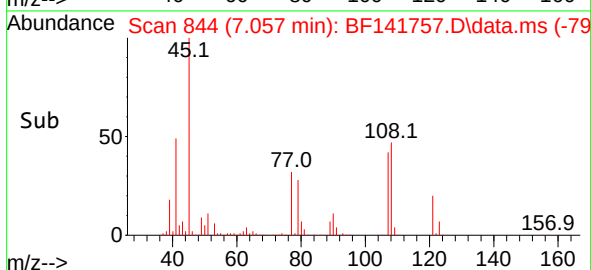
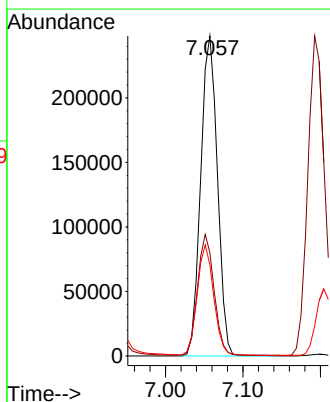
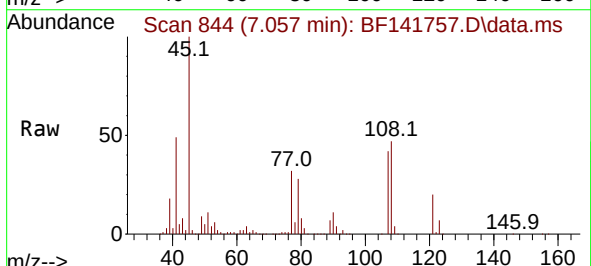
Manual Integrations
APPROVED

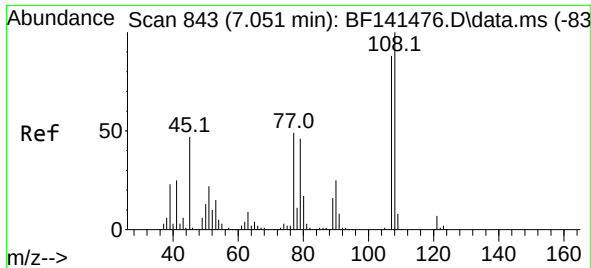
Reviewed By :Anahy Claudio 02/26/2025
Supervised By :mohammad ahmed 02/28/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.981 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

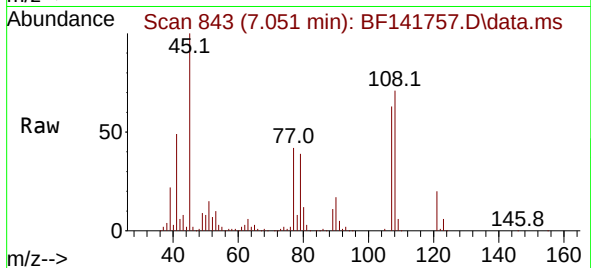
Tgt Ion: 45 Resp: 370969
Ion Ratio Lower Upper
45 100
77 32.2 0.0 35.8
79 28.5 0.0 32.7





#17
2-Methylphenol
Concen: 41.320 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

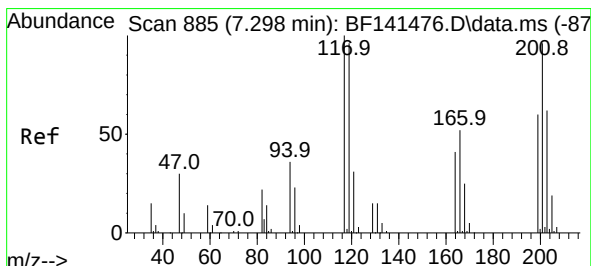
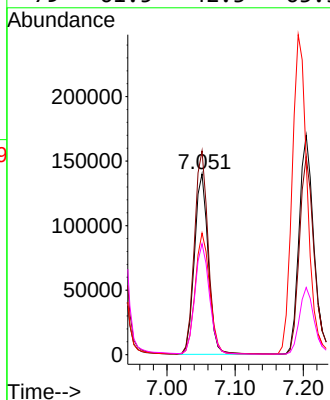
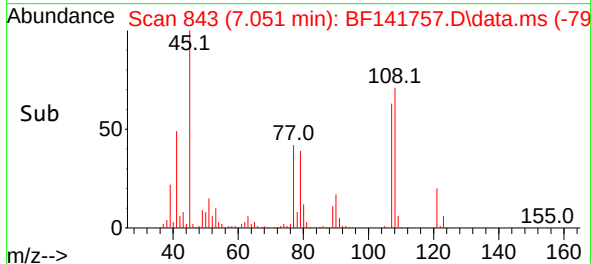
Instrument :
BNA_F
ClientSampleId :
PB166840BS



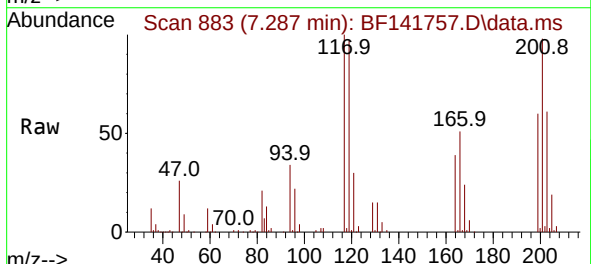
Tgt Ion:107 Resp: 19658
Ion Ratio Lower Upper
107 100
108 112.8 90.6 136.0
77 67.3 44.4 66.6
79 61.5 42.3 63.5

Manual Integrations
APPROVED

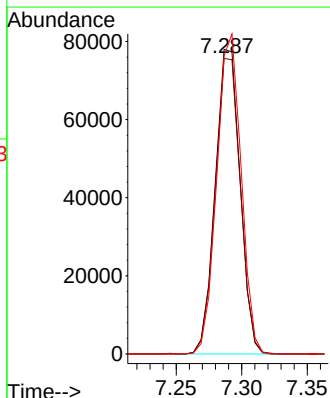
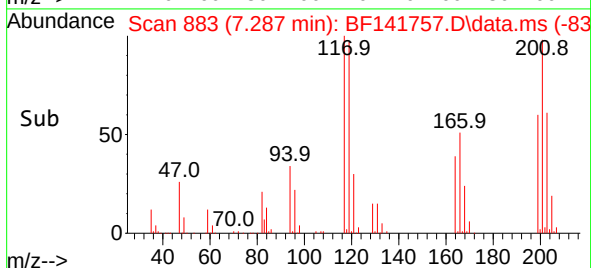
Reviewed By :Anahy Claudio 02/26/2025
Supervised By :mohammad ahmed 02/28/2025

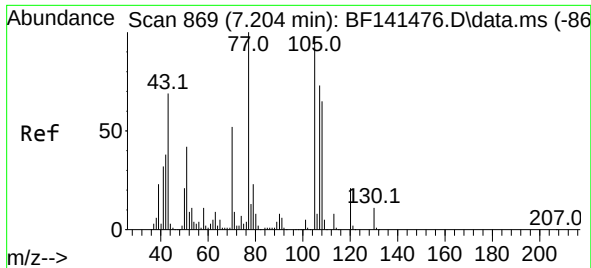


#18
Hexachloroethane
Concen: 42.357 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.017 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33



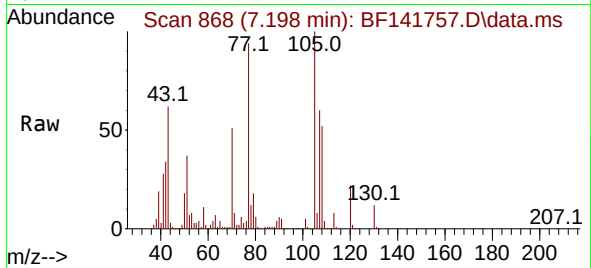
Tgt Ion:117 Resp: 102797
Ion Ratio Lower Upper
117 100
119 97.0 76.5 114.7
201 97.8 76.7 115.1





#19
n-Nitroso-di-n-propylamine
Concen: 41.197 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.017 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

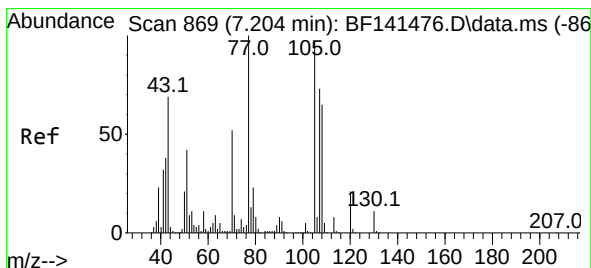
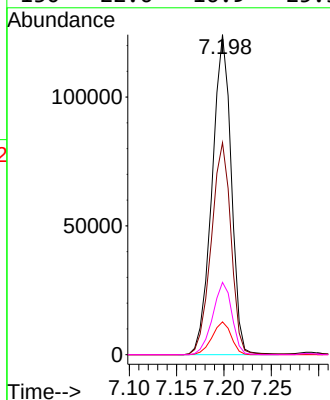
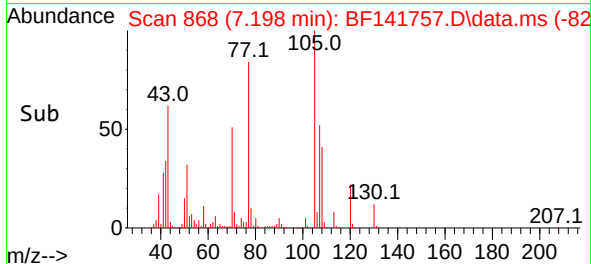
Instrument :
BNA_F
ClientSampleId :
PB166840BS



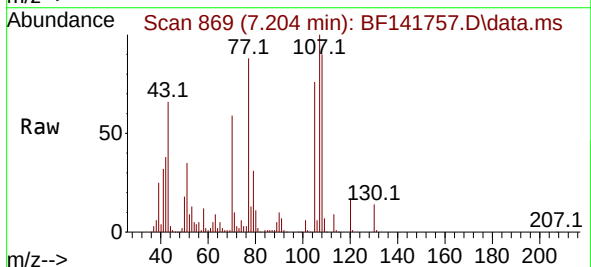
Tgt Ion: 70 Resp: 17524
Ion Ratio Lower Upper
70 100
42 66.2 57.4 86.2
101 10.3 8.0 12.0
130 22.6 16.9 25.3

Manual Integrations
APPROVED

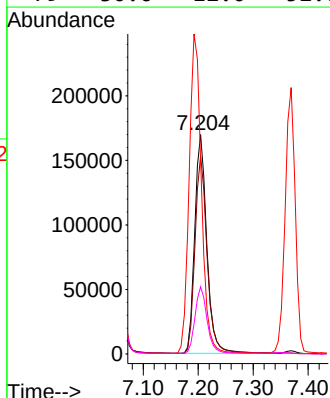
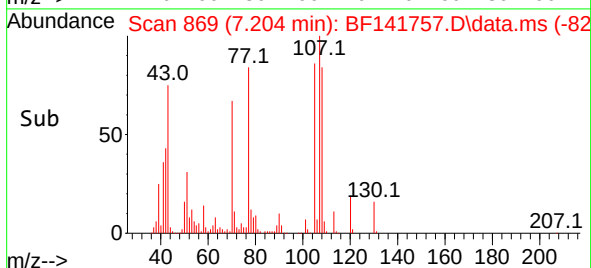
Reviewed By :Anahy Claudio 02/26/2025
Supervised By :mohammad ahmed 02/28/2025

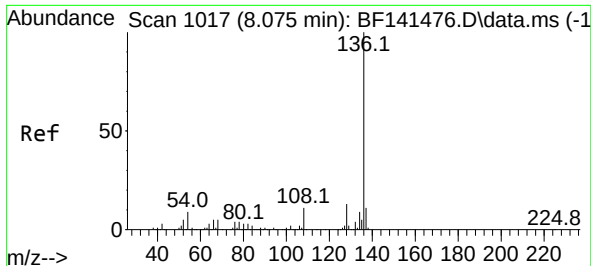


#20
3+4-Methylphenols
Concen: 43.085 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33



Tgt Ion:107 Resp: 260505
Ion Ratio Lower Upper
107 100
108 90.3 68.5 108.5
77 88.4 116.5 156.5#
79 30.6 12.0 52.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Instrument :

BNA_F

ClientSampleId :

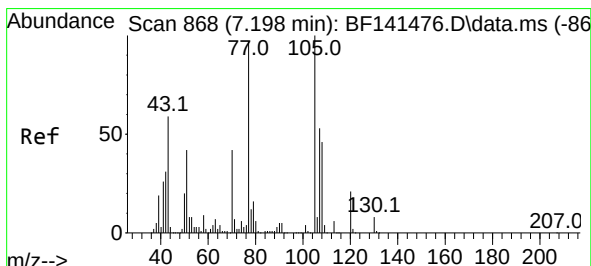
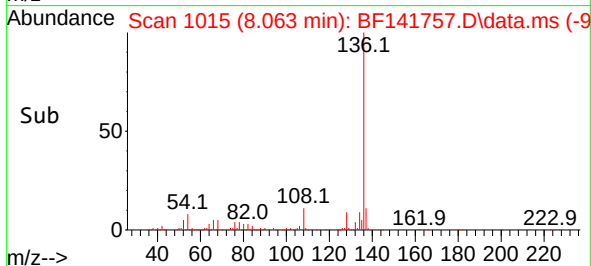
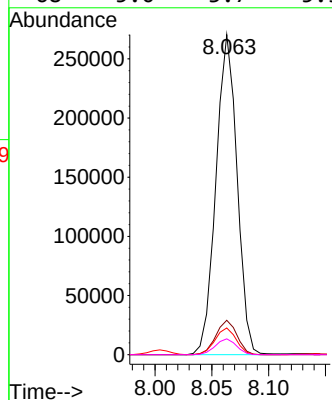
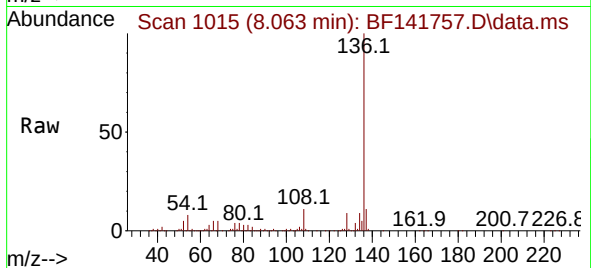
PB166840BS

Tgt Ion:136 Resp: 35010
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.4 7.2 10.8
68 5.0 3.7 5.5

Manual Integrations

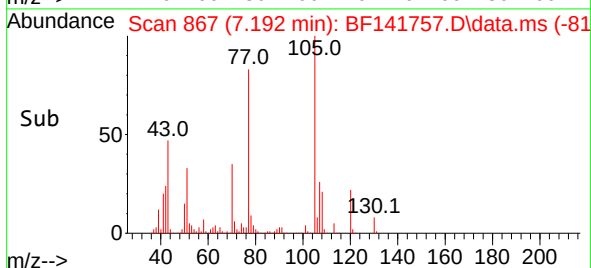
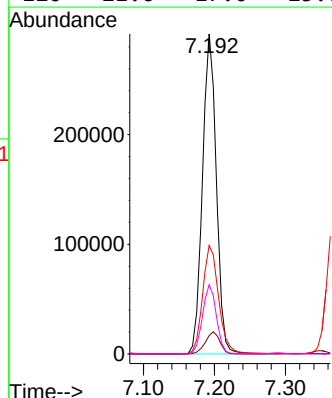
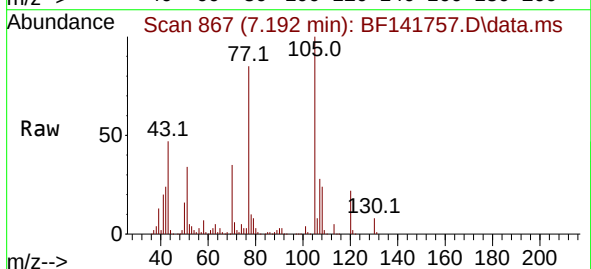
APPROVED

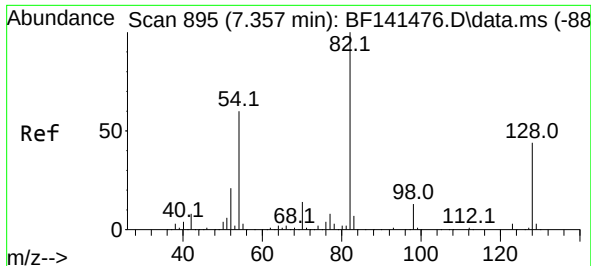
Reviewed By :Anahy Claudio 02/26/2025
Supervised By :mohammad ahmed 02/28/2025



#22
Acetophenone
Concen: 45.609 ng
RT: 7.192 min Scan# 867
Delta R.T. -0.017 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Tgt Ion:105 Resp: 397204
Ion Ratio Lower Upper
105 100
71 5.8 5.7 8.5
51 33.9 33.7 50.5
120 21.6 17.0 25.6





#23

Nitrobenzene-d5

Concen: 86.324 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

Instrument :

BNA_F

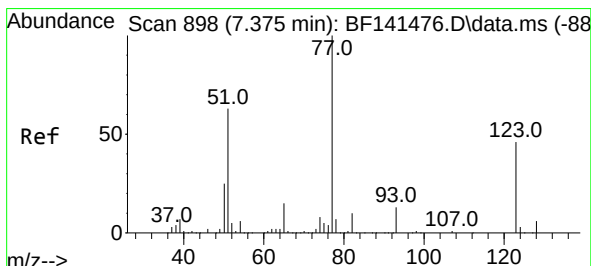
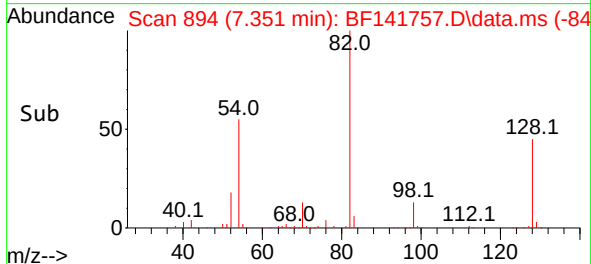
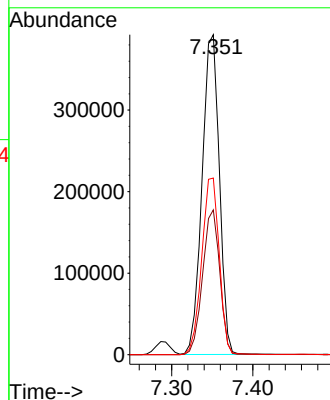
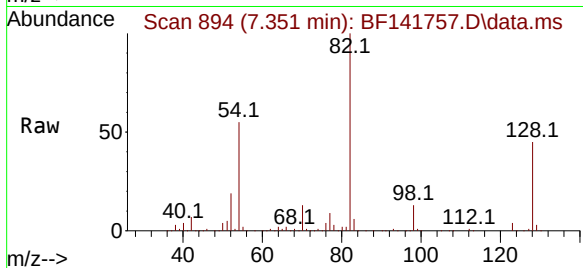
ClientSampleId :

PB166840BS

Tgt Ion: 82 Resp: 579434
 Ion Ratio Lower Upper
 82 100
 128 45.3 34.8 52.2
 54 55.2 48.2 72.4

Manual Integrations
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Reviewed By :Anahy Claudio 02/26/2025
 Supervised By :mohammad ahmed 02/28/2025



#24

Nitrobenzene

Concen: 40.176 ng

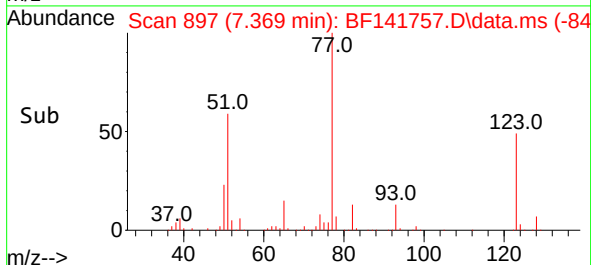
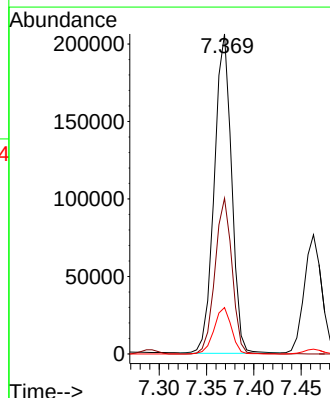
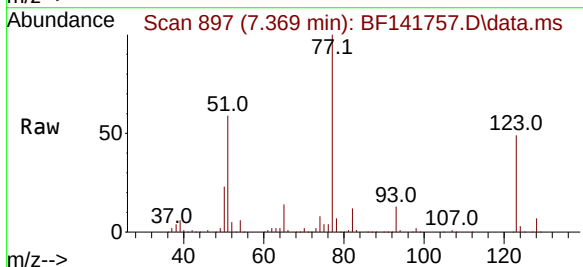
RT: 7.369 min Scan# 897

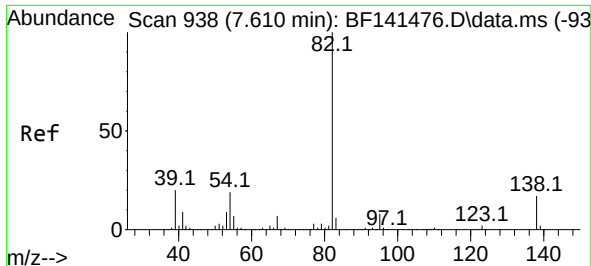
Delta R.T. -0.012 min

Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

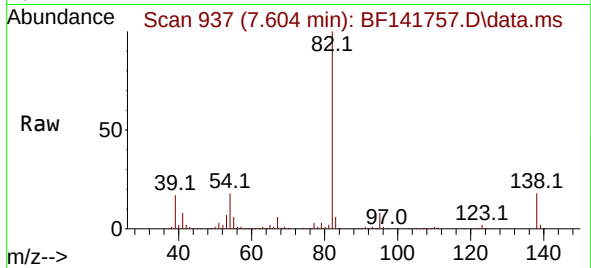
Tgt Ion: 77 Resp: 262965
 Ion Ratio Lower Upper
 77 100
 123 48.7 36.9 55.3
 65 14.5 11.9 17.9





#25
Isophorone
Concen: 44.195 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

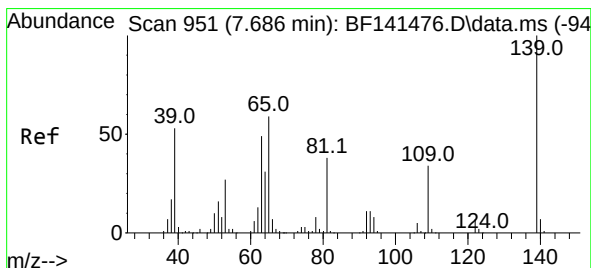
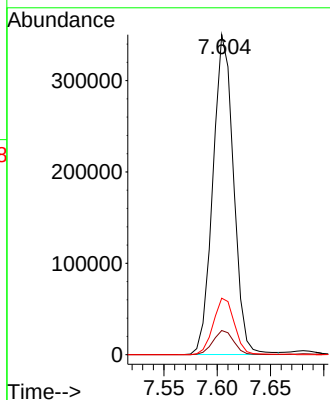
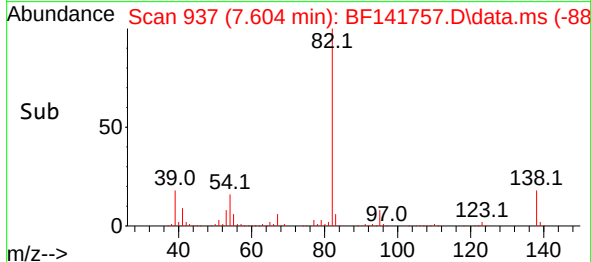
Instrument :
BNA_F
ClientSampleId :
PB166840BS



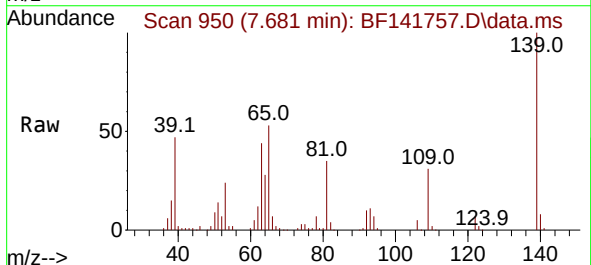
Tgt Ion: 82 Resp: 473002
Ion Ratio Lower Upper
82 100
95 7.5 6.4 9.6
138 17.7 13.9 20.9

Manual Integrations
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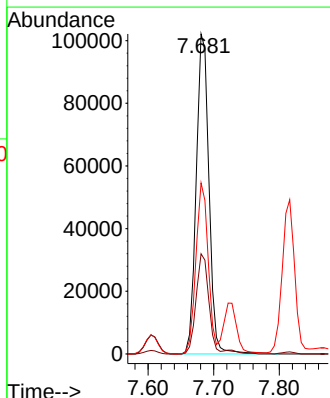
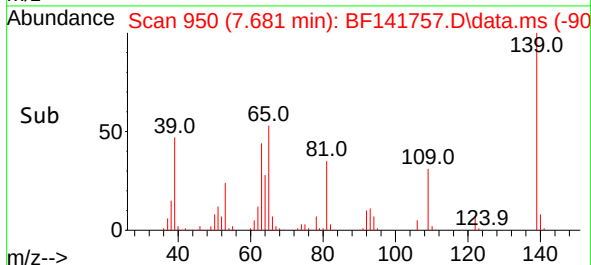
Reviewed By :Anahy Claudio 02/26/2025
Supervised By :mohammad ahmed 02/28/2025

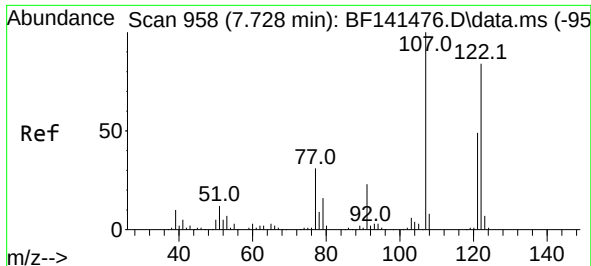


#26
2-Nitrophenol
Concen: 42.524 ng
RT: 7.681 min Scan# 950
Delta R.T. -0.012 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33



Tgt Ion:139 Resp: 138477
Ion Ratio Lower Upper
139 100
109 31.3 27.0 40.6
65 53.5 47.1 70.7





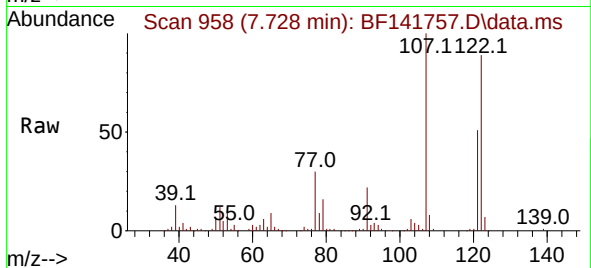
#27
2,4-Dimethylphenol
Concen: 54.443 ng
RT: 7.728 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Instrument :

BNA_F

ClientSampleId :

PB166840BS

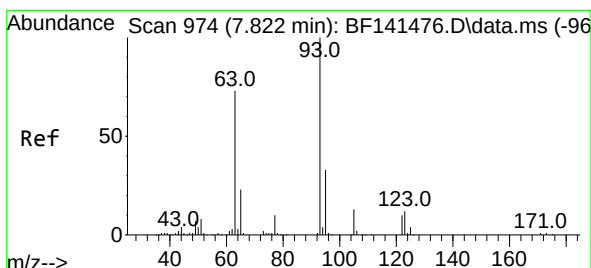
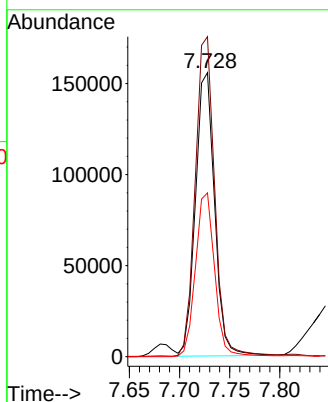
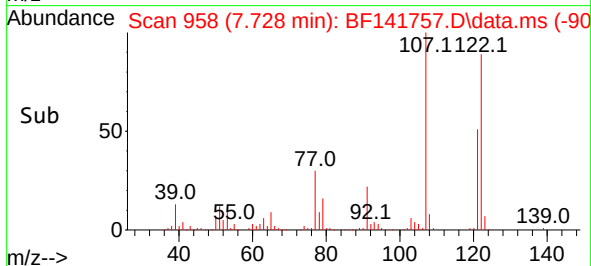


Tgt Ion:122 Resp: 207111
Ion Ratio Lower Upper
122 100
107 112.7 94.3 141.5
121 57.7 46.0 69.0

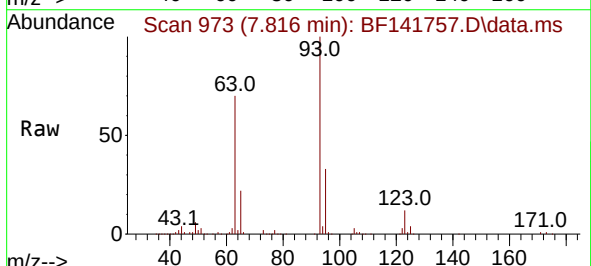
Manual Integrations

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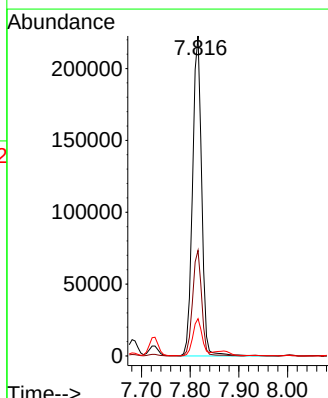
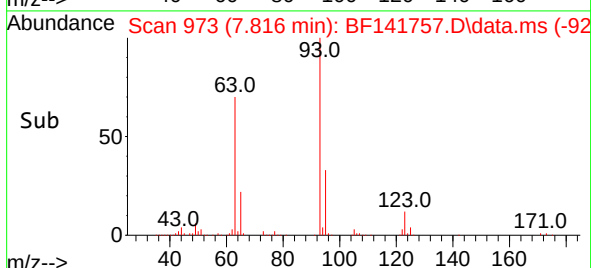
Reviewed By :Anahy Claudio 02/26/2025
Supervised By :mohammad ahmed 02/28/2025

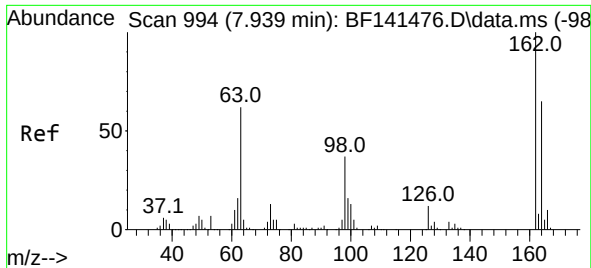


#28
bis(2-Chloroethoxy)methane
Concen: 42.746 ng
RT: 7.816 min Scan# 973
Delta R.T. -0.012 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33



Tgt Ion: 93 Resp: 293154
Ion Ratio Lower Upper
93 100
95 33.0 26.1 39.1
123 11.6 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 41.771 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

Instrument :

BNA_F

ClientSampleId :

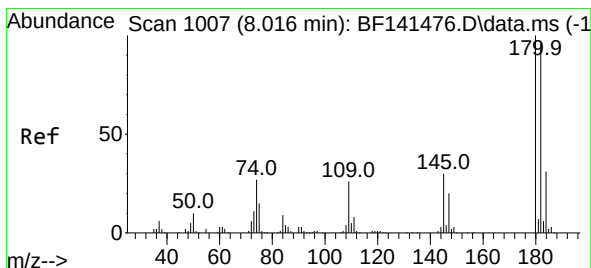
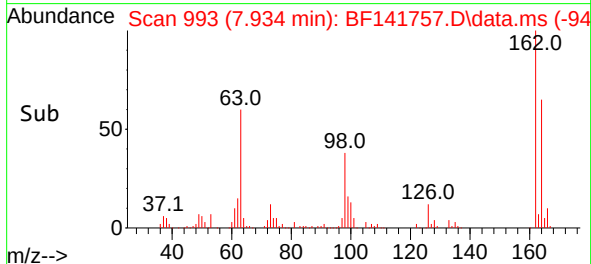
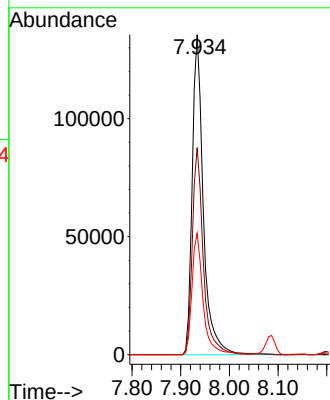
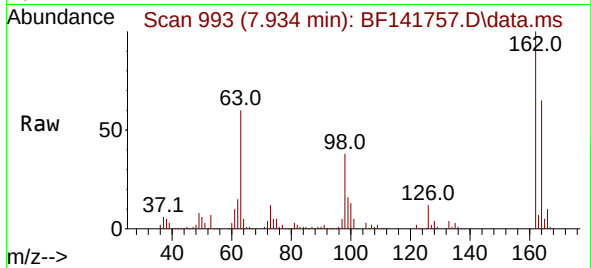
PB166840BS

Tgt Ion:162	Resp:	214704
Ion Ratio	Lower	Upper
162	100	
164	64.7	44.6 84.6
98	37.9	17.2 57.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/26/2025
Supervised By :mohammad ahmed 02/28/2025



#30

1,2,4-Trichlorobenzene

Concen: 41.972 ng

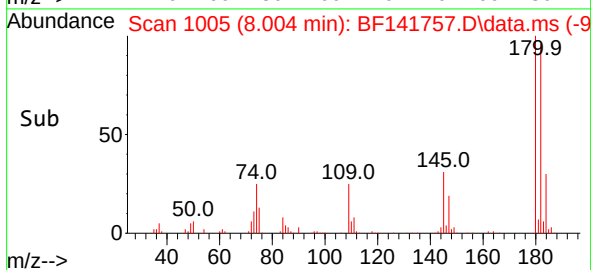
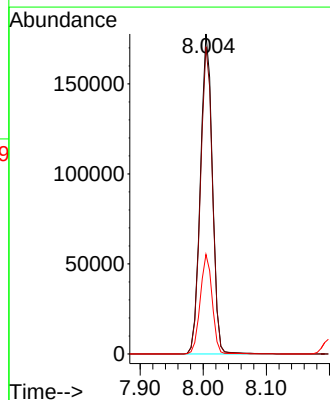
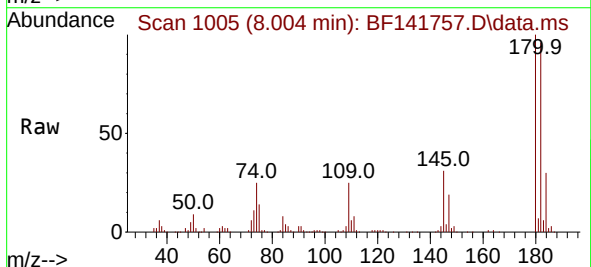
RT: 8.004 min Scan# 1005

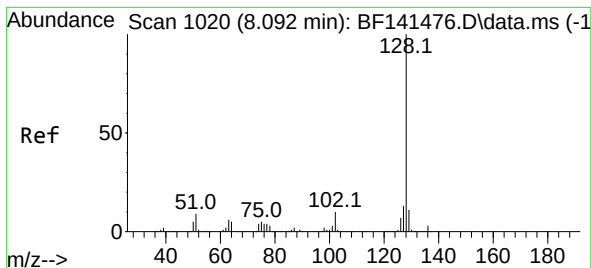
Delta R.T. -0.012 min

Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

Tgt Ion:180	Resp:	234932
Ion Ratio	Lower	Upper
180	100	
182	96.0	76.8 115.2
145	31.1	24.2 36.4





#31

Naphthalene

Concen: 40.890 ng

RT: 8.087 min Scan# 1019

Delta R.T. -0.012 min

Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

Instrument :

BNA_F

ClientSampleId :

PB166840BS

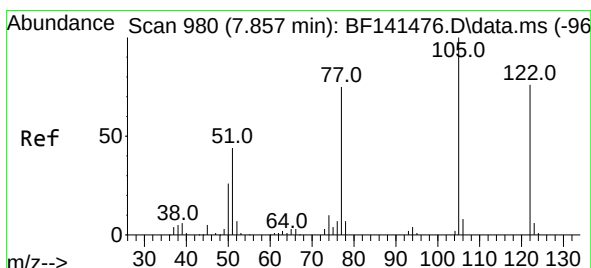
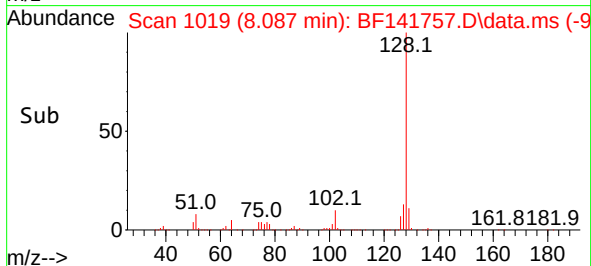
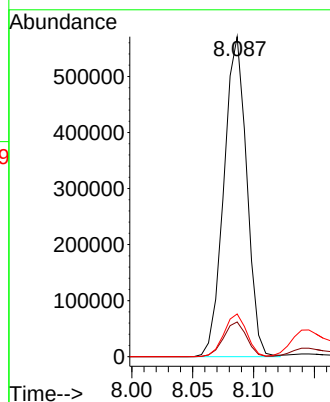
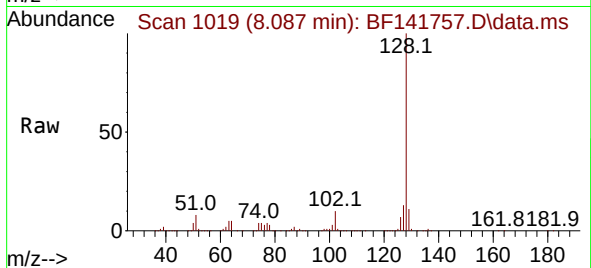
Tgt Ion:128 Resp: 74518

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	13.4	10.7	16.1

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/26/2025
Supervised By :mohammad ahmed 02/28/2025



#32

Benzoic acid

Concen: 33.761 ng

RT: 7.869 min Scan# 982

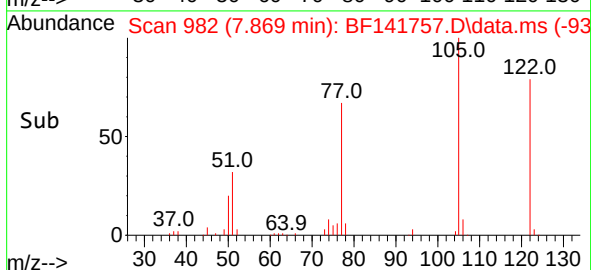
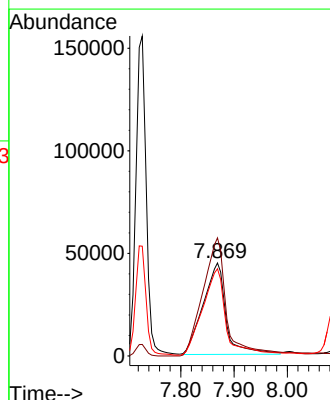
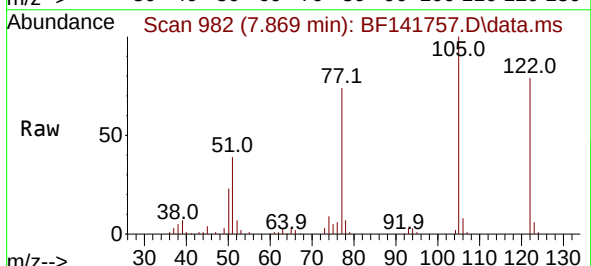
Delta R.T. -0.023 min

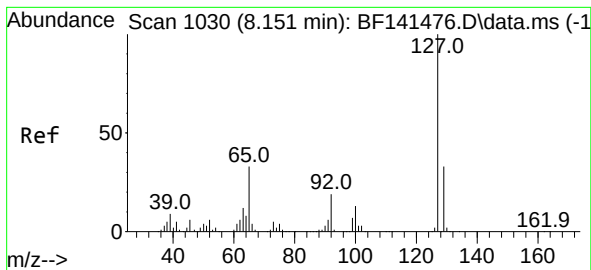
Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

Tgt Ion:122 Resp: 133405

Ion	Ratio	Lower	Upper
122	100		
105	127.1	106.5	146.5
77	93.9	76.3	116.3





#33
4-Chloroaniline
Concen: 20.342 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Instrument :

BNA_F

ClientSampleId :

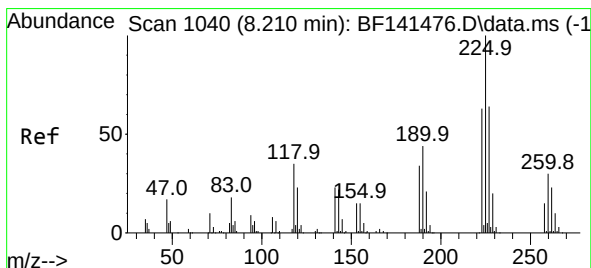
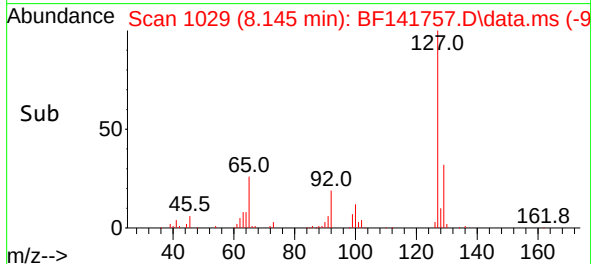
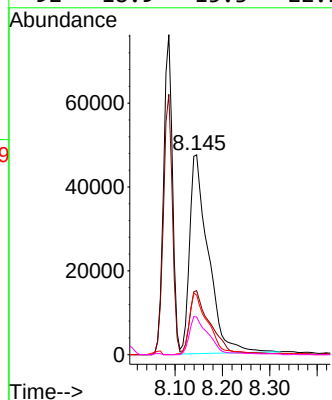
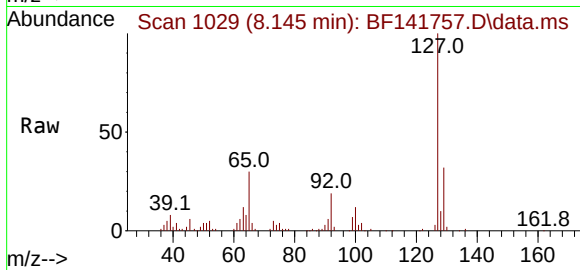
PB166840BS

Tgt Ion:127 Resp: 129430
Ion Ratio Lower Upper
127 100
129 32.0 26.5 39.7
65 29.9 26.4 39.6
92 18.9 15.3 22.9

Manual Integrations

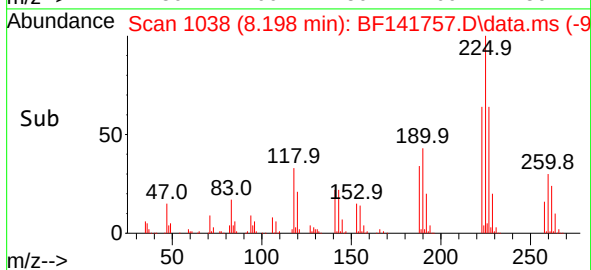
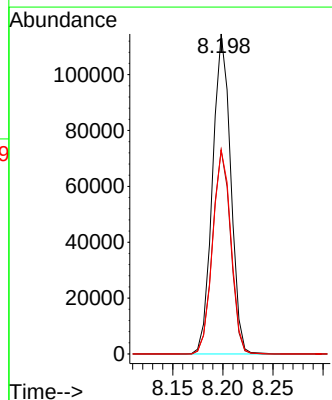
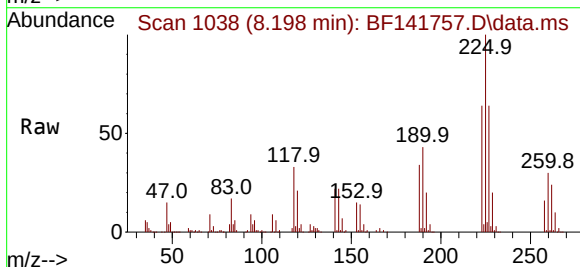
APPROVED

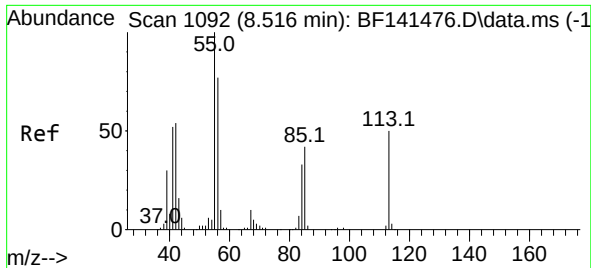
Reviewed By :Anahy Claudio 02/26/2025
Supervised By :mohammad ahmed 02/28/2025



#34
Hexachlorobutadiene
Concen: 42.909 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.012 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

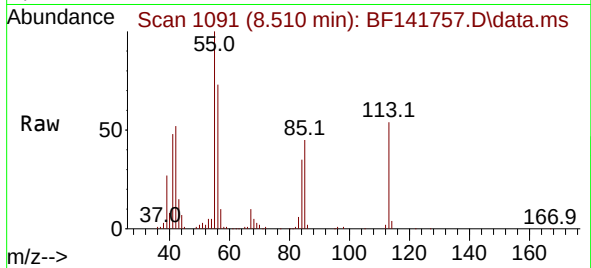
Tgt Ion:225 Resp: 144187
Ion Ratio Lower Upper
225 100
223 63.7 50.1 75.1
227 63.8 51.0 76.6





#35
 Caprolactam
 Concen: 48.365 ng m
 RT: 8.510 min Scan# 1092
 Delta R.T. -0.035 min
 Lab File: BF141757.D
 Acq: 25 Feb 2025 11:33

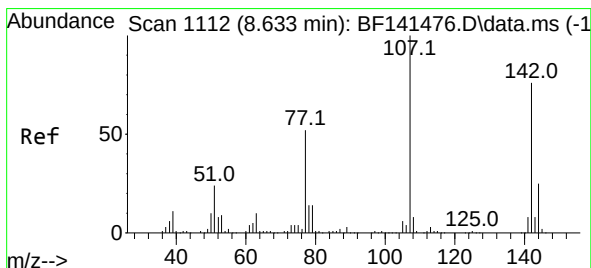
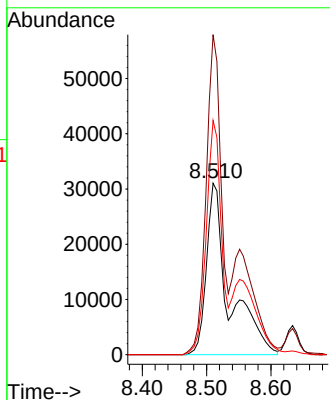
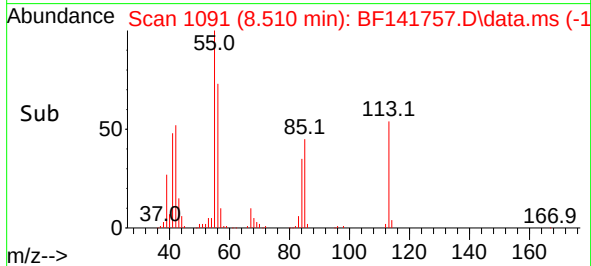
Instrument :
 BNA_F
 ClientSampleId :
 PB166840BS



Tgt Ion:113 Resp: 75690
 Ion Ratio Lower Upper
 113 100
 55 186.5 180.8 220.8
 56 136.5 133.6 173.6

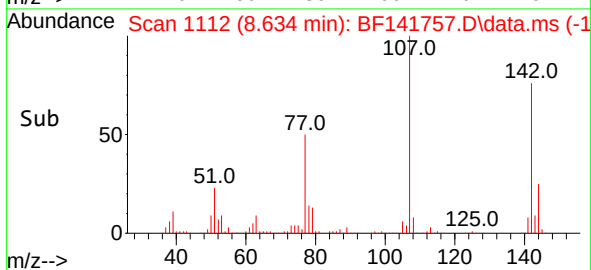
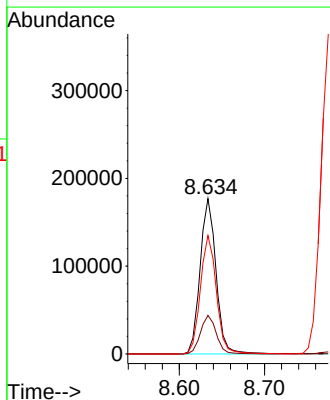
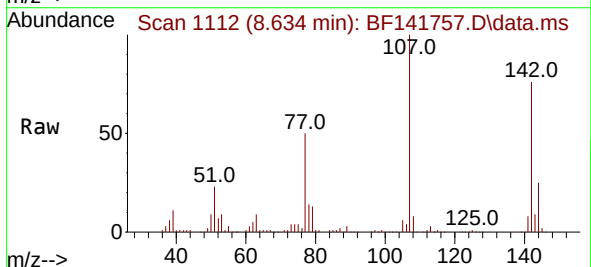
Manual Integrations
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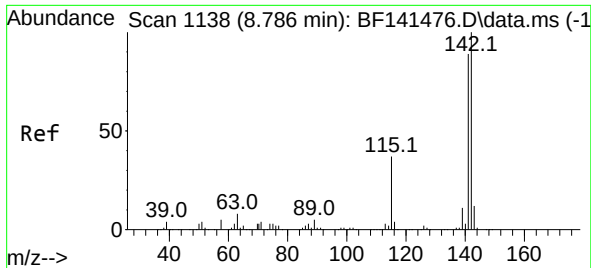
Reviewed By :Anahy Claudio 02/26/2025
 Supervised By :mohammad ahmed 02/28/2025



#36
 4-Chloro-3-methylphenol
 Concen: 40.486 ng
 RT: 8.634 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF141757.D
 Acq: 25 Feb 2025 11:33

Tgt Ion:107 Resp: 230514
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.7 29.5
 142 76.2 60.8 91.2





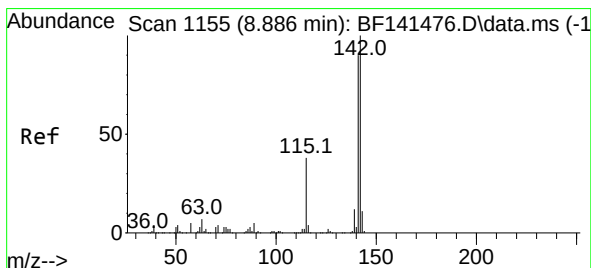
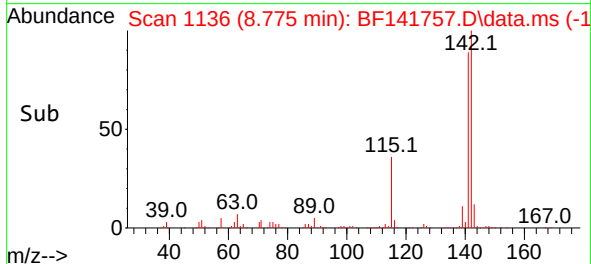
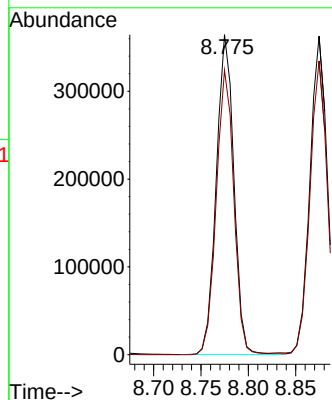
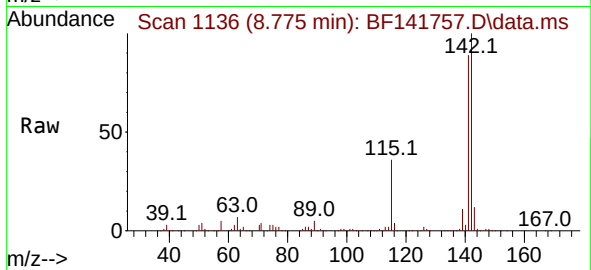
#37
2-Methylnaphthalene
Concen: 39.611 ng
RT: 8.775 min Scan# 1136
Delta R.T. -0.012 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Instrument :
BNA_F
ClientSampleId :
PB166840BS

Tgt Ion:142 Resp: 46974
Ion Ratio Lower Upper
142 100
141 88.9 71.2 106.8

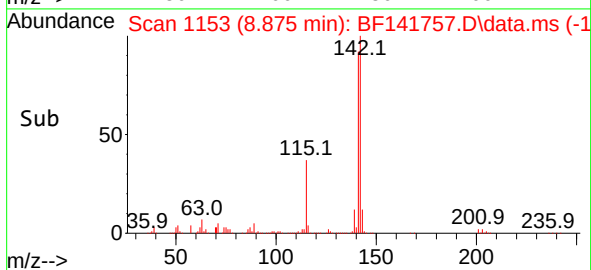
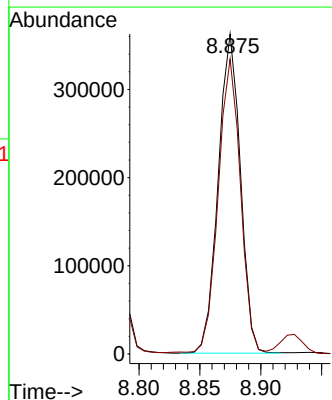
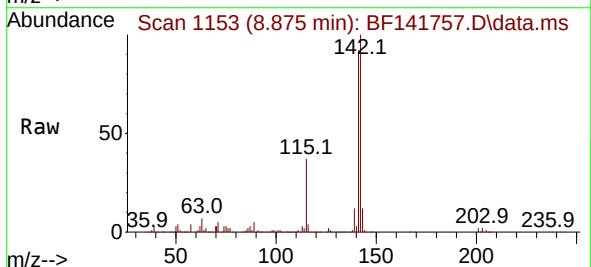
Manual Integrations
APPROVED

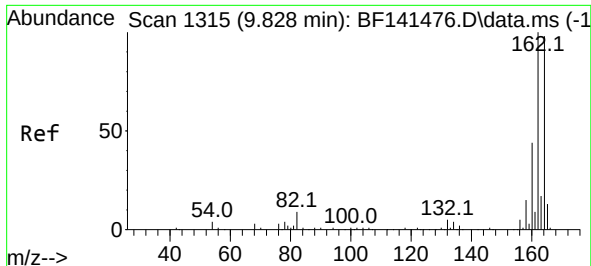
Reviewed By :Anahy Claudio 02/26/2025
Supervised By :mohammad ahmed 02/28/2025



#38
1-Methylnaphthalene
Concen: 39.980 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.012 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Tgt Ion:142 Resp: 459207
Ion Ratio Lower Upper
142 100
141 92.2 72.1 108.1





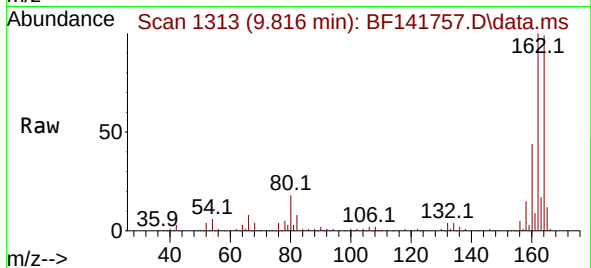
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1165
Delta R.T. -0.017 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Instrument :

BNA_F

ClientSampleId :

PB166840BS

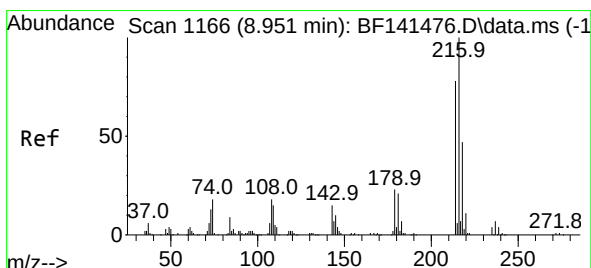
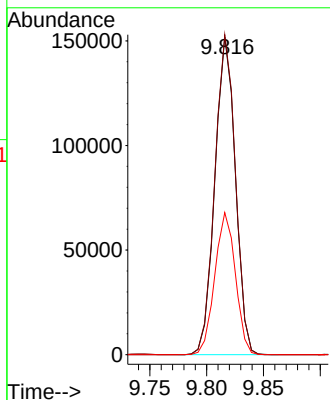
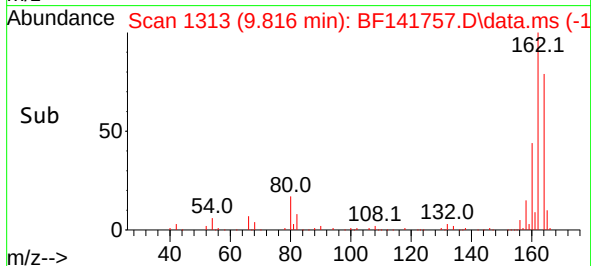


Tgt Ion:164 Resp: 19062
Ion Ratio Lower Upper
164 100
162 100.7 81.3 121.9
160 44.7 35.9 53.9

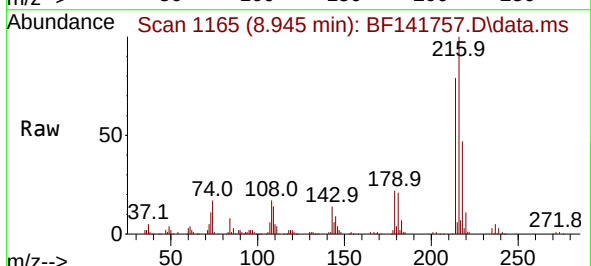
Manual Integrations

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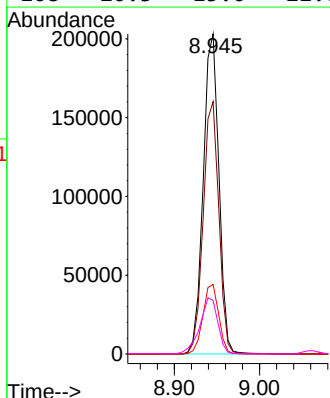
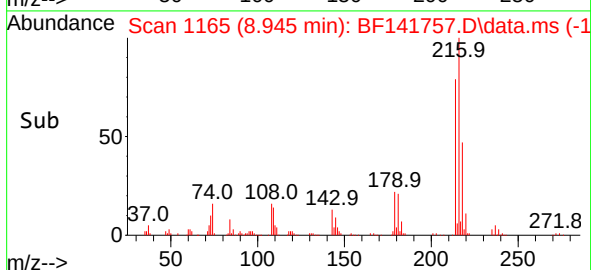
Reviewed By :Anahy Claudio 02/26/2025
Supervised By :mohammad ahmed 02/28/2025

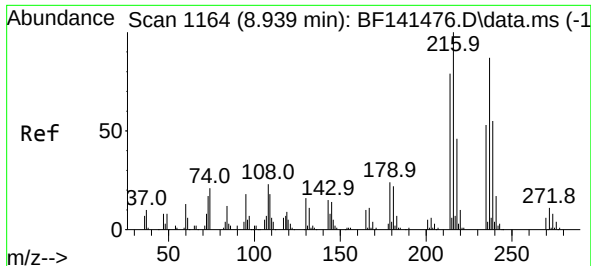


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.049 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33



Tgt Ion:216 Resp: 259469
Ion Ratio Lower Upper
216 100
214 78.8 62.3 93.5
179 22.0 18.0 27.0
108 20.3 15.0 22.6





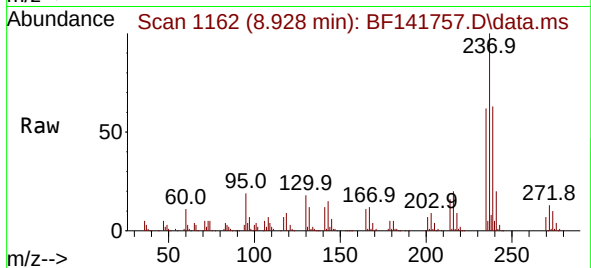
#41
Hexachlorocyclopentadiene
Concen: 125.327 ng
RT: 8.928 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Instrument :

BNA_F

ClientSampleId :

PB166840BS

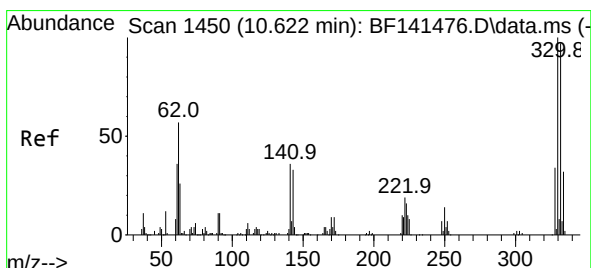
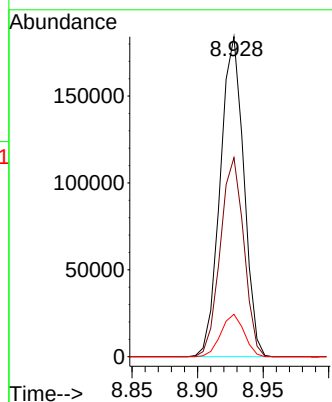
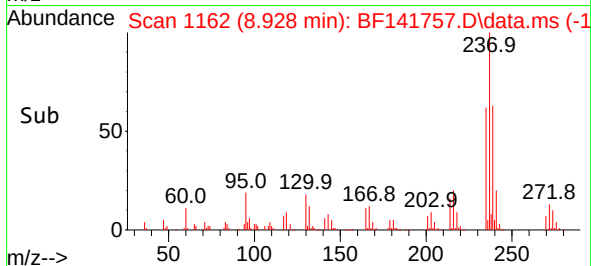


Tgt Ion:237 Resp: 229888
Ion Ratio Lower Upper
237 100
235 62.2 41.4 81.4
272 13.2 0.0 32.4

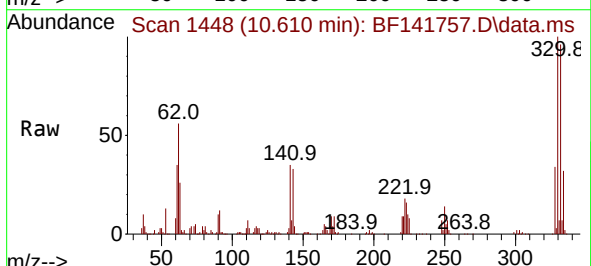
Manual Integrations

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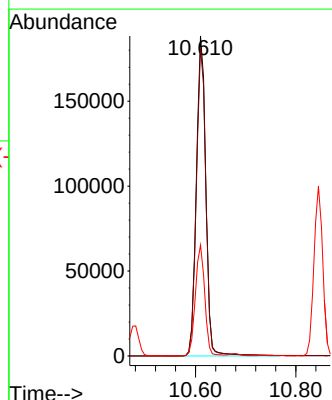
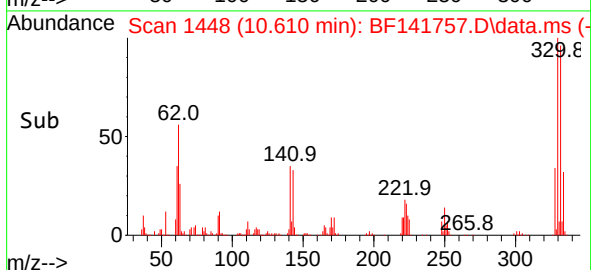
Reviewed By :Anahy Claudio 02/26/2025
Supervised By :mohammad ahmed 02/28/2025

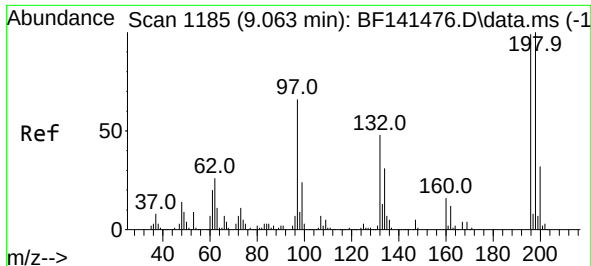


#42
2,4,6-Tribromophenol
Concen: 129.270 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.017 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33



Tgt Ion:330 Resp: 247535
Ion Ratio Lower Upper
330 100
332 96.9 78.5 117.7
141 34.2 31.0 46.4





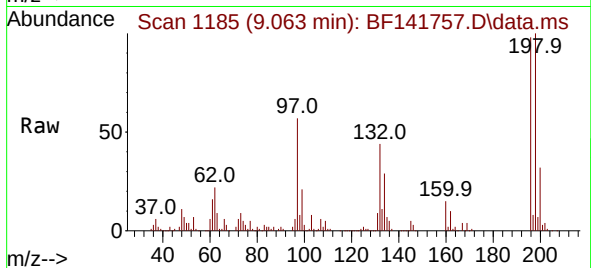
#43
2,4,6-Trichlorophenol
Concen: 41.523 ng
RT: 9.063 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Instrument :

BNA_F

ClientSampleId :

PB166840BS

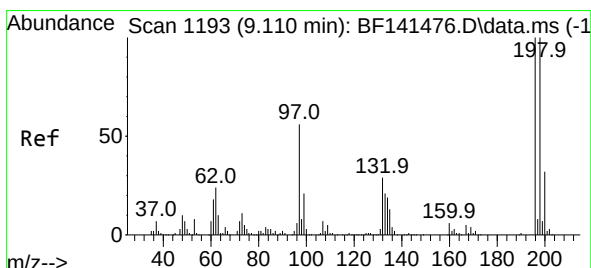
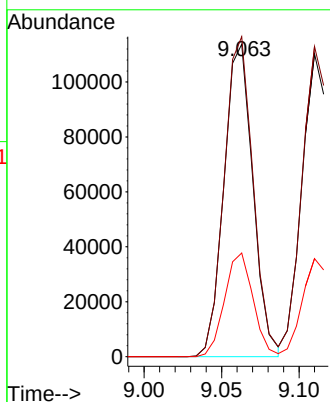
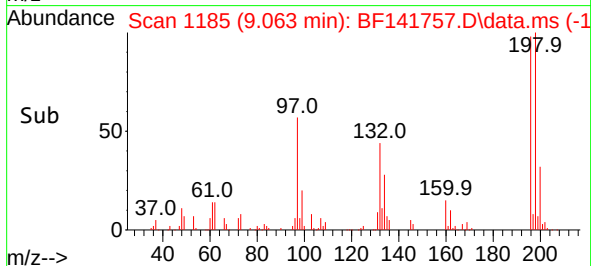


Tgt Ion:196 Resp: 14800
Ion Ratio Lower Upper
196 100
198 102.4 80.6 121.0
200 33.2 25.5 38.3

Manual Integrations

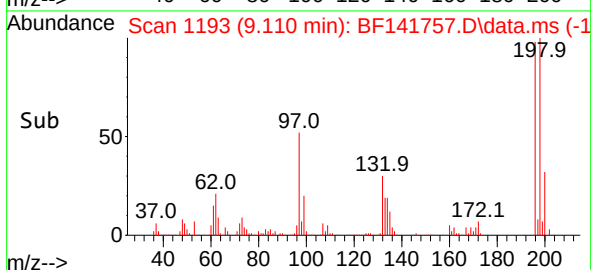
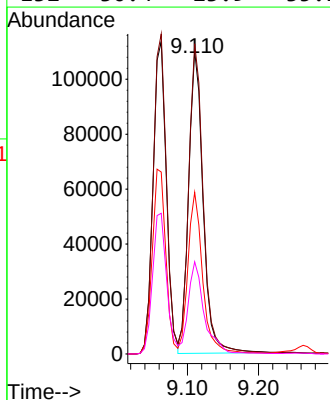
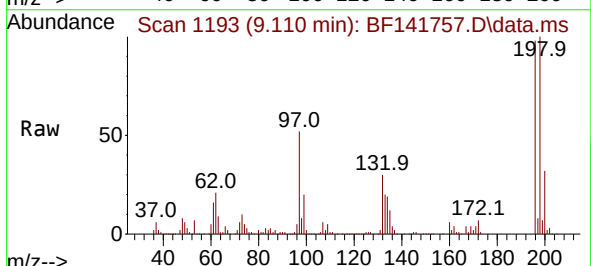
APPROVED

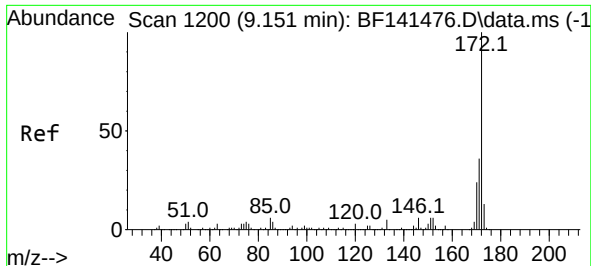
Reviewed By :Anahy Claudio 02/26/2025
Supervised By :mohammad ahmed 02/28/2025



#44
2,4,5-Trichlorophenol
Concen: 40.399 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

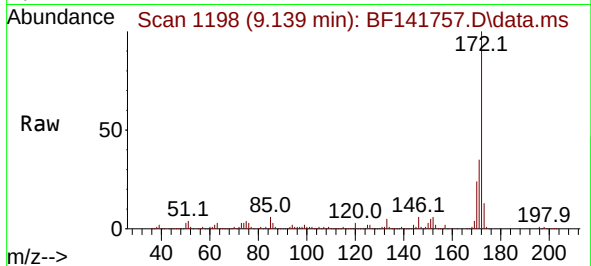
Tgt Ion:196 Resp: 156057
Ion Ratio Lower Upper
196 100
198 102.4 79.8 119.8
97 53.4 44.8 67.2
132 30.4 23.9 35.9





#45
2-Fluorobiphenyl
Concen: 90.021 ng
RT: 9.139 min Scan# 1118
Delta R.T. -0.012 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

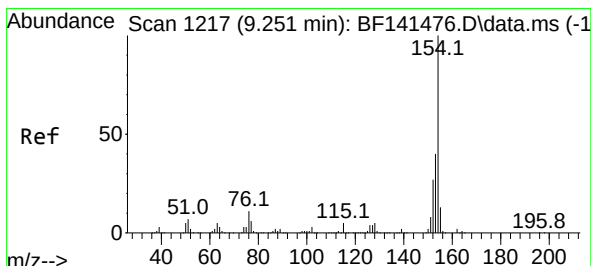
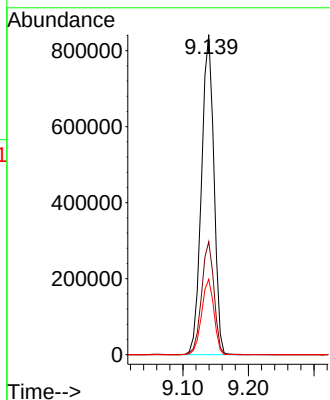
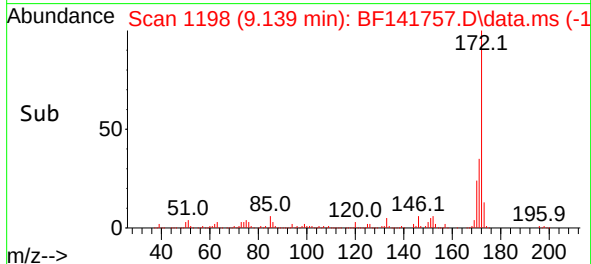
Instrument :
BNA_F
ClientSampleId :
PB166840BS



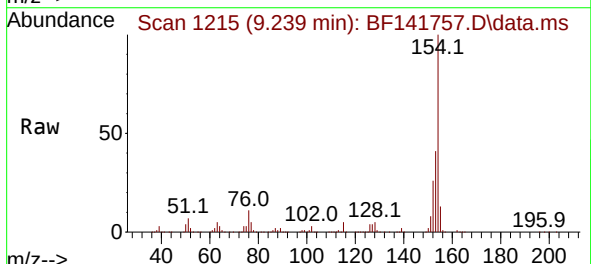
Tgt Ion:172 Resp: 1113819
Ion Ratio Lower Upper
172 100
171 35.3 28.7 43.1
170 23.5 18.9 28.3

Manual Integrations
APPROVED

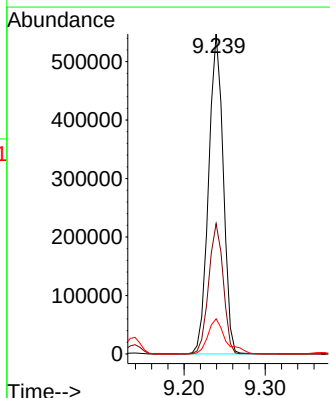
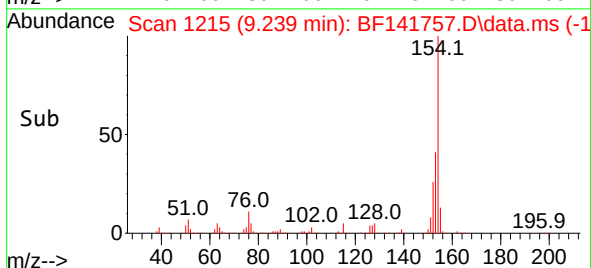
Reviewed By :Anahy Claudio 02/26/2025
Supervised By :mohammad ahmed 02/28/2025

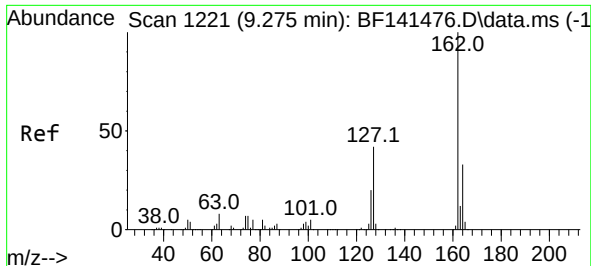


#46
1,1'-Biphenyl
Concen: 46.249 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.017 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33



Tgt Ion:154 Resp: 683483
Ion Ratio Lower Upper
154 100
153 40.8 20.4 60.4
76 11.0 0.0 30.8





#47

2-Chloronaphthalene

Concen: 42.407 ng

RT: 9.263 min Scan# 1219

Delta R.T. -0.017 min

Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

Instrument :

BNA_F

ClientSampleId :

PB166840BS

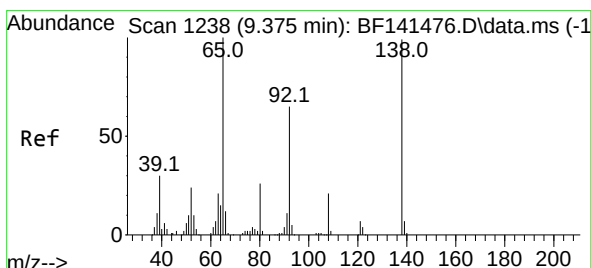
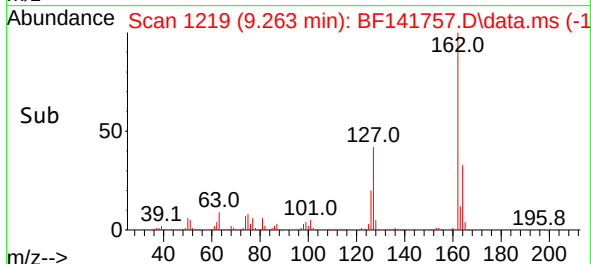
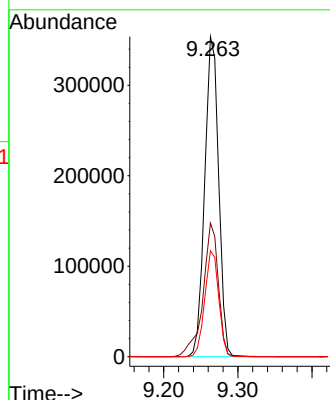
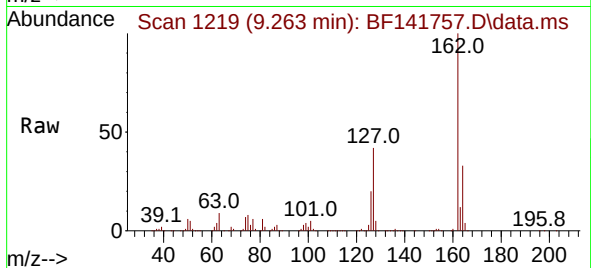
Tgt Ion:162 Resp: 463438

Ion	Ratio	Lower	Upper
162	100		
127	41.8	34.1	51.1
164	33.1	26.3	39.5

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/26/2025
Supervised By :mohammad ahmed 02/28/2025



#48

2-Nitroaniline

Concen: 39.769 ng

RT: 9.369 min Scan# 1237

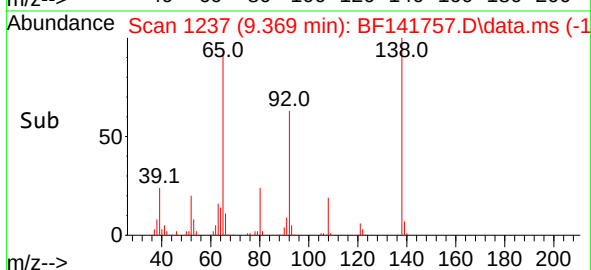
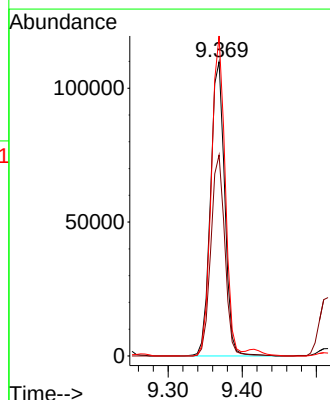
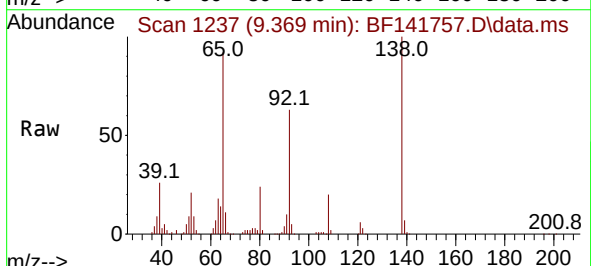
Delta R.T. -0.012 min

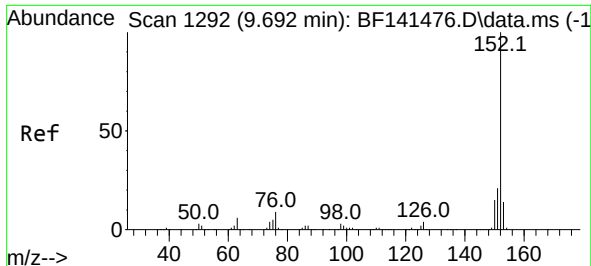
Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

Tgt Ion: 65 Resp: 145853

Ion	Ratio	Lower	Upper
65	100		
92	68.3	52.2	78.2
138	108.8	79.5	119.3





#49

Acenaphthylene

Concen: 43.500 ng

RT: 9.681 min Scan# 1290

Delta R.T. -0.012 min

Lab File: BF141757.D

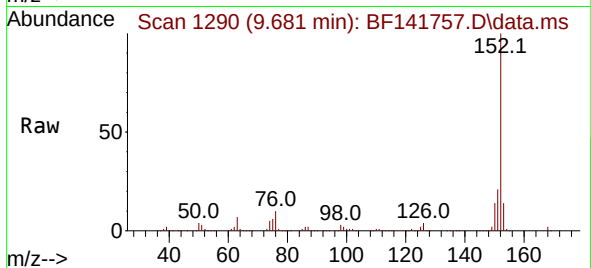
Acq: 25 Feb 2025 11:33

Instrument :

BNA_F

ClientSampleId :

PB166840BS



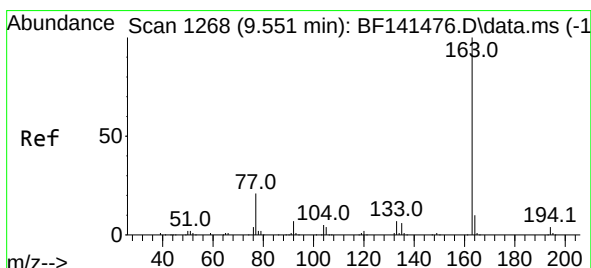
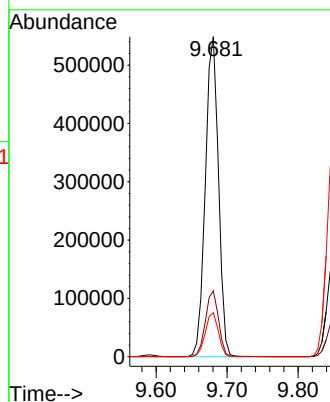
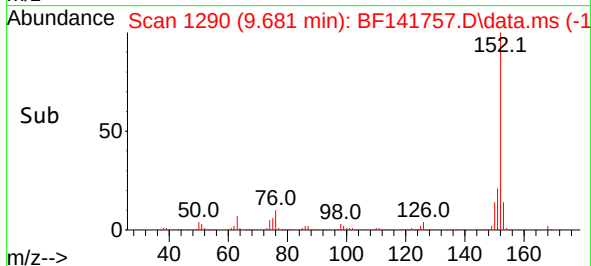
Tgt Ion:	152	Resp:	707078
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.4	24.6
153	13.7	10.9	16.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/26/2025

Supervised By :mohammad ahmed 02/28/2025



#50

Dimethylphthalate

Concen: 42.686 ng

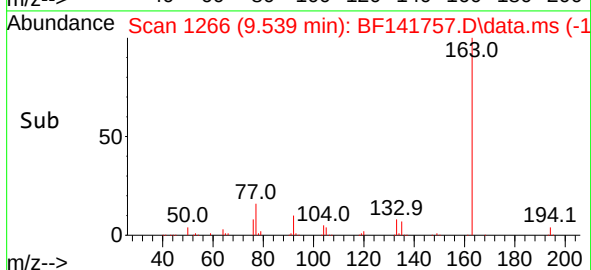
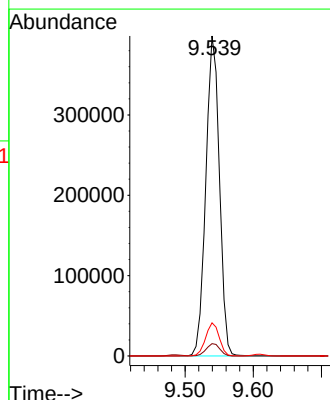
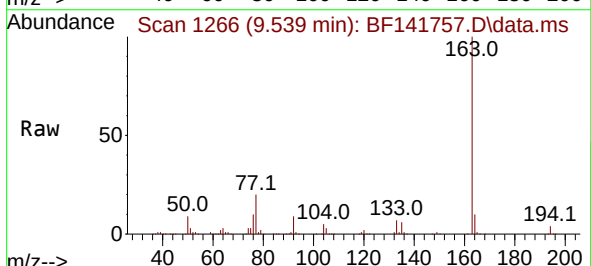
RT: 9.539 min Scan# 1266

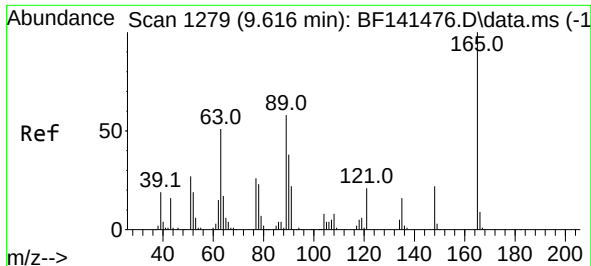
Delta R.T. -0.023 min

Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

Tgt Ion:	163	Resp:	552390
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.0	4.4
164	10.4	7.9	11.9





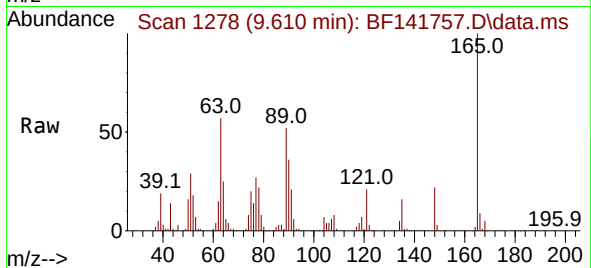
#51
2,6-Dinitrotoluene
Concen: 43.584 ng
RT: 9.610 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Instrument :

BNA_F

ClientSampleId :

PB166840BS

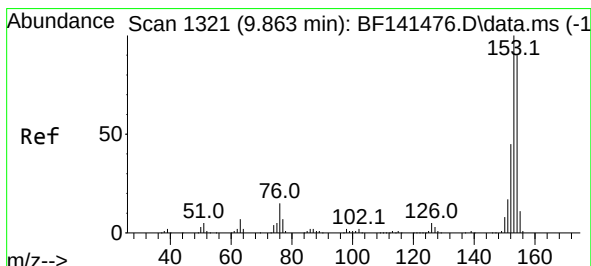
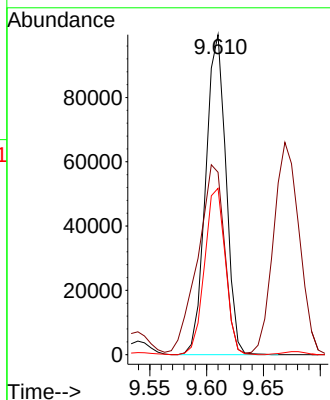
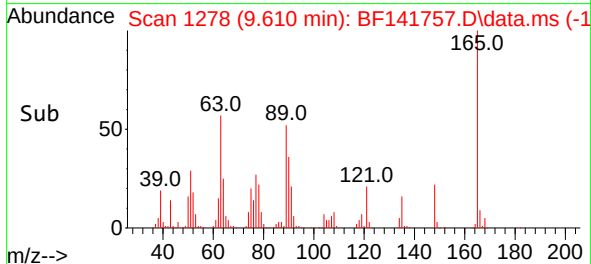


Tgt Ion:165 Resp: 123297
Ion Ratio Lower Upper
165 100
63 57.0 49.4 74.0
89 52.0 46.5 69.7

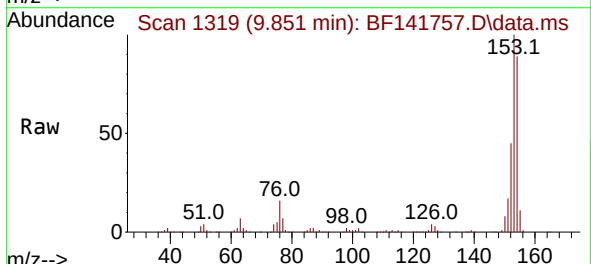
Manual Integrations

APPROVED

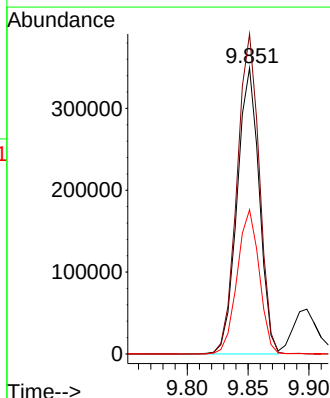
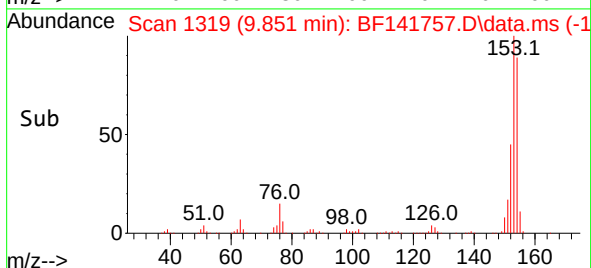
Reviewed By :Anahy Claudio 02/26/2025
Supervised By :mohammad ahmed 02/28/2025

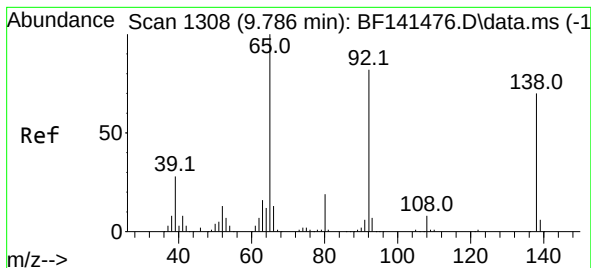


#52
Acenaphthene
Concen: 40.427 ng
RT: 9.851 min Scan# 1319
Delta R.T. -0.017 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33



Tgt Ion:154 Resp: 441774
Ion Ratio Lower Upper
154 100
153 111.9 89.2 133.8
152 50.4 39.8 59.8





#53

3-Nitroaniline

Concen: 24.932 ng

RT: 9.781 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

Instrument :

BNA_F

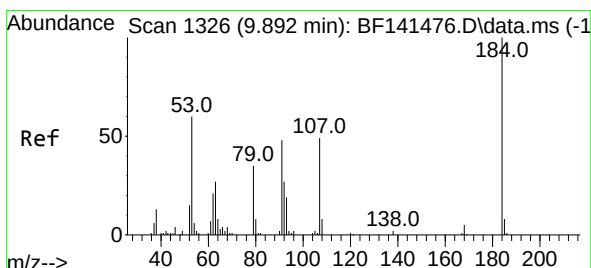
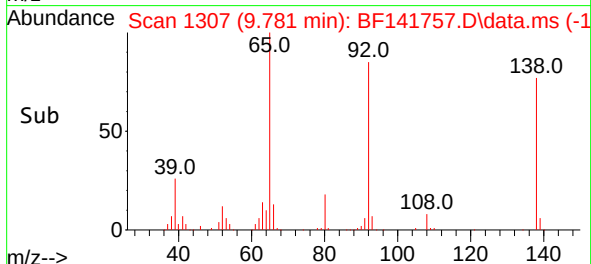
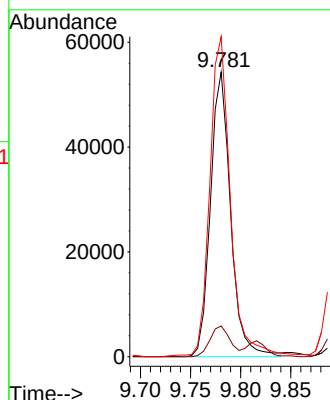
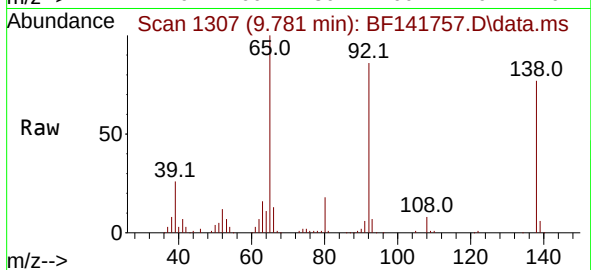
ClientSampleId :

PB166840BS

Tgt Ion:138 Resp: 7591
 Ion Ratio Lower Upper
 138 100
 108 10.8 9.0 13.4
 92 112.4 93.7 140.5

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 02/26/2025
 Supervised By :mohammad ahmed 02/28/2025



#54

2,4-Dinitrophenol

Concen: 78.836 ng

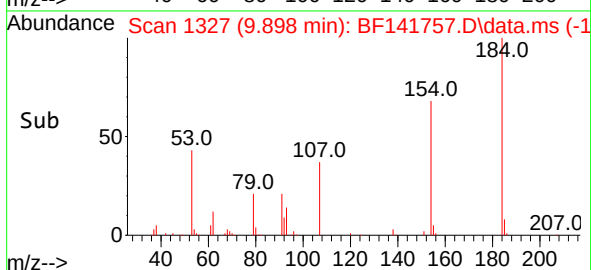
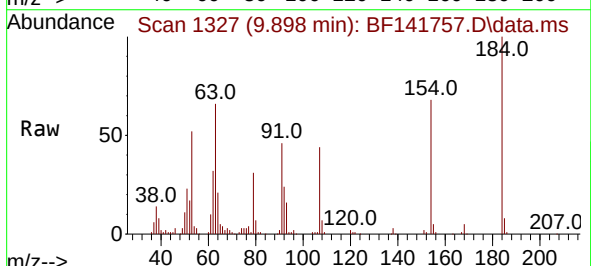
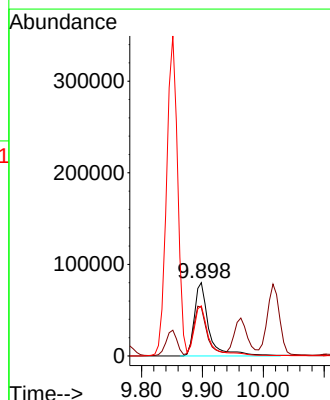
RT: 9.898 min Scan# 1327

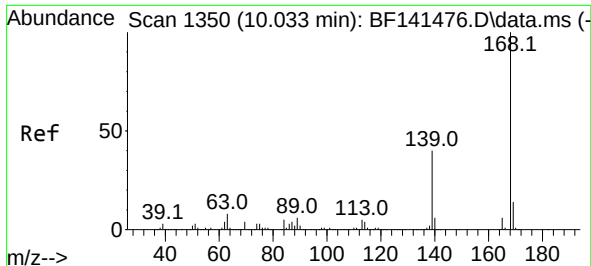
Delta R.T. -0.006 min

Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

Tgt Ion:184 Resp: 132548
 Ion Ratio Lower Upper
 184 100
 63 66.2 61.0 91.6
 154 68.2 59.9 89.9





#55
Dibenzenofuran
Concen: 39.748 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Instrument :

BNA_F

ClientSampleId :

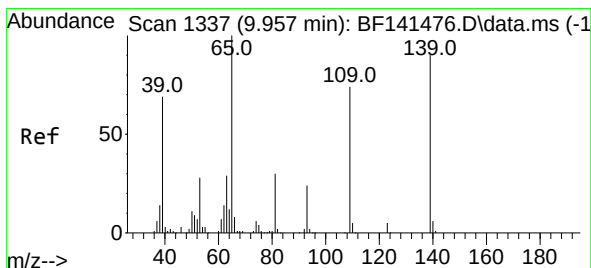
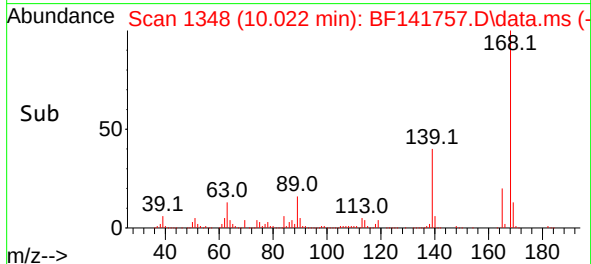
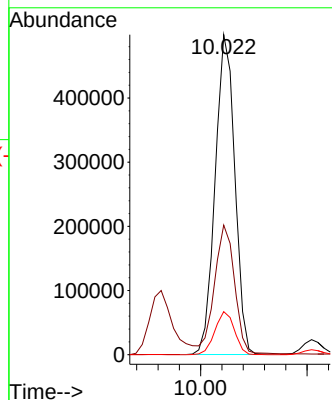
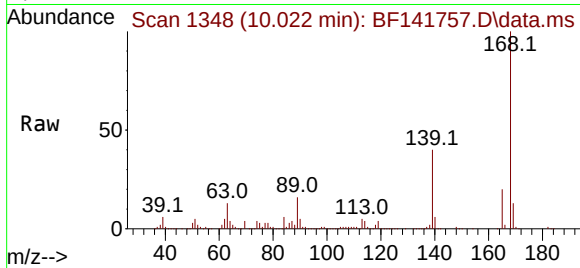
PB166840BS

Tgt Ion:168 Resp: 637549
Ion Ratio Lower Upper
168 100
139 40.5 32.7 49.1
169 13.5 10.8 16.2

Manual Integrations

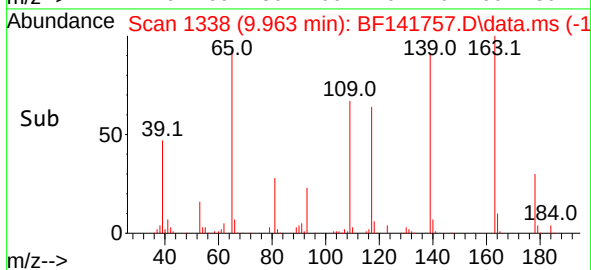
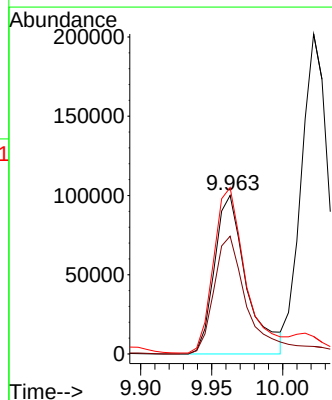
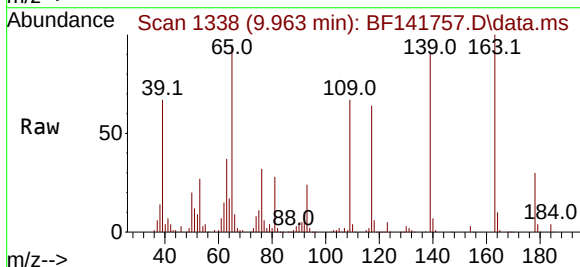
APPROVED

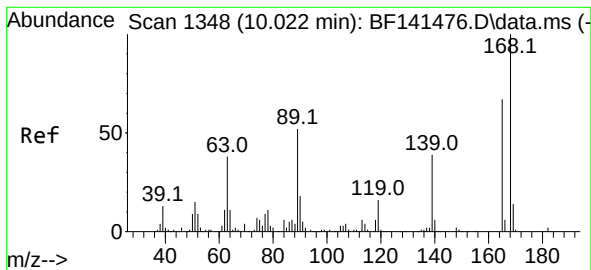
Reviewed By :Anahy Claudio 02/26/2025
Supervised By :mohammad ahmed 02/28/2025



#56
4-Nitrophenol
Concen: 68.980 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Tgt Ion:139 Resp: 155912
Ion Ratio Lower Upper
139 100
109 74.2 62.0 102.0
65 104.9 91.2 131.2





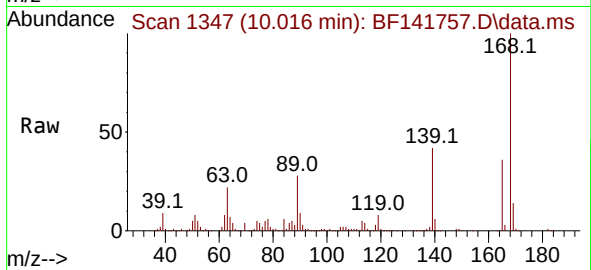
#57
2,4-Dinitrotoluene
Concen: 42.706 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Instrument :

BNA_F

ClientSampleId :

PB166840BS

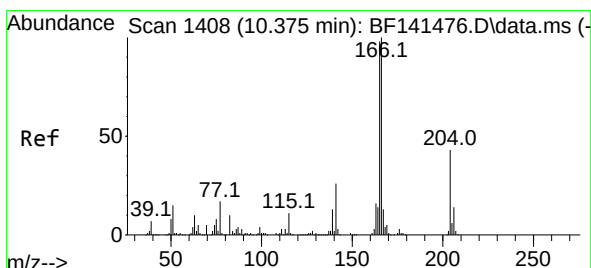
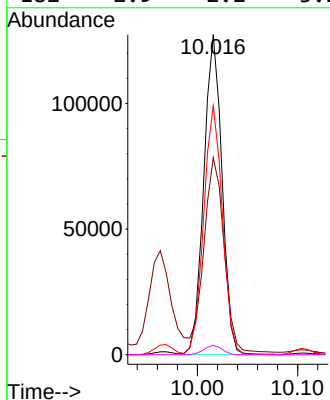
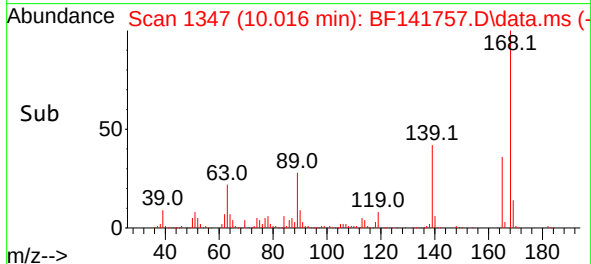


Tgt Ion:165 Resp: 160830
Ion Ratio Lower Upper
165 100
63 61.5 46.4 69.6
89 77.7 61.8 92.6
182 2.9 2.2 3.2

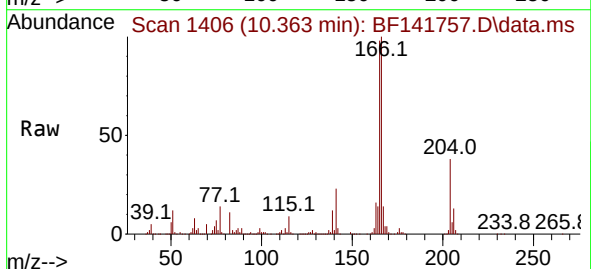
Manual Integrations

APPROVED

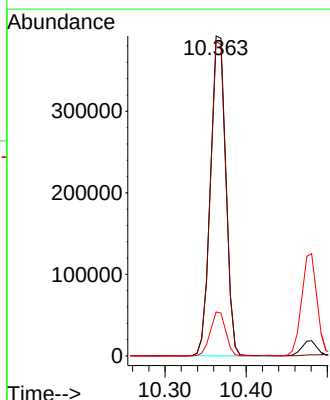
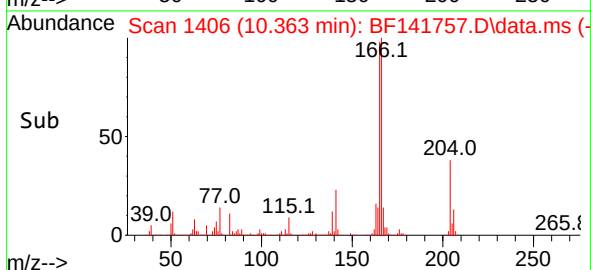
Reviewed By :Anahy Claudio 02/26/2025
Supervised By :mohammad ahmed 02/28/2025

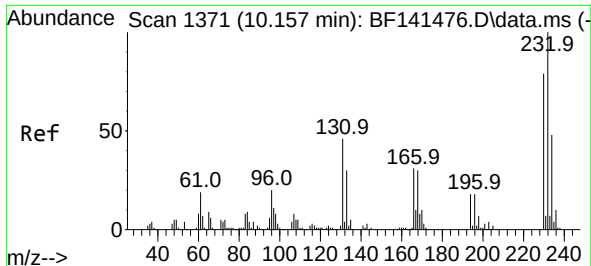


#58
Fluorene
Concen: 41.617 ng
RT: 10.363 min Scan# 1406
Delta R.T. -0.017 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33



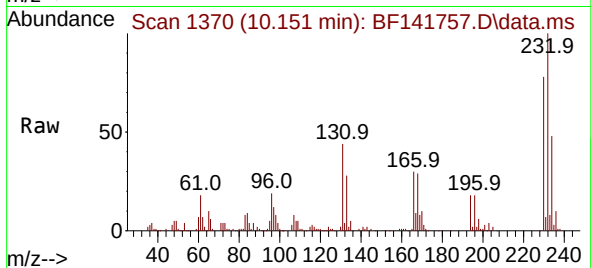
Tgt Ion:166 Resp: 516134
Ion Ratio Lower Upper
166 100
165 98.4 78.2 117.2
167 13.8 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.735 ng
RT: 10.151 min Scan# 1370
Delta R.T. -0.012 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

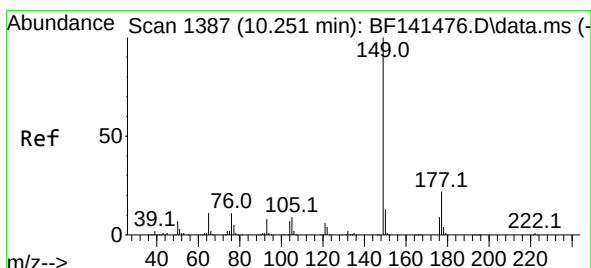
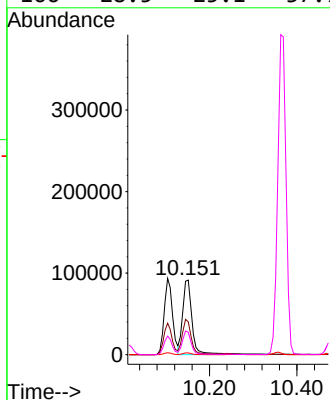
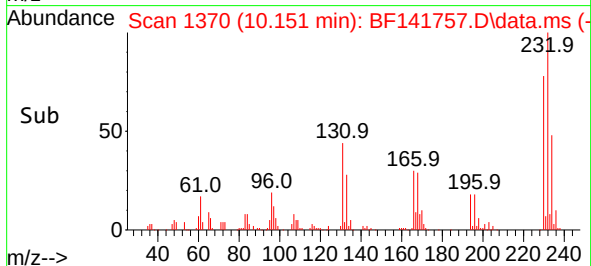
Instrument :
BNA_F
ClientSampleId :
PB166840BS



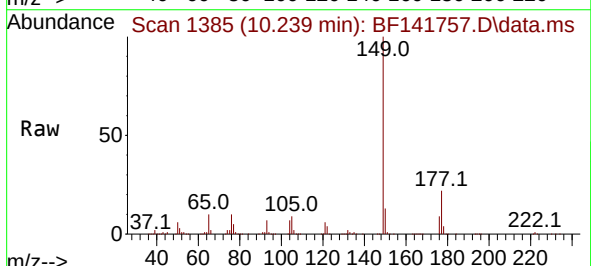
Tgt Ion:232 Resp: 13547
Ion Ratio Lower Upper
232 100
131 44.4 39.2 58.8
130 2.4 2.1 3.1
166 28.5 25.1 37.7

Manual Integrations
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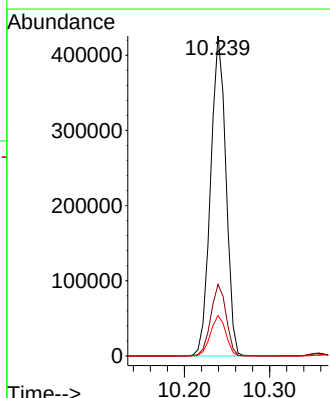
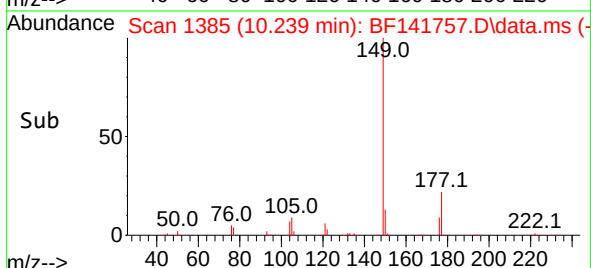
Reviewed By :Anahy Claudio 02/26/2025
Supervised By :mohammad ahmed 02/28/2025

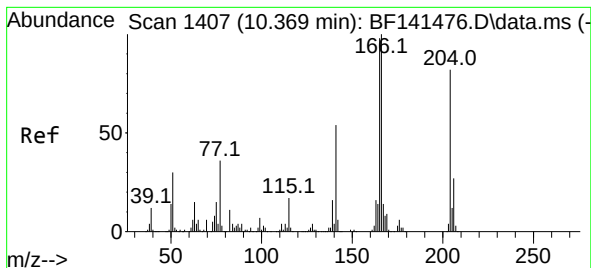


#60
Diethylphthalate
Concen: 41.804 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.017 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33



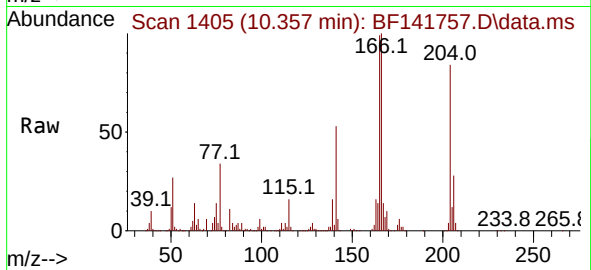
Tgt Ion:149 Resp: 532257
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.6
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 42.024 ng
RT: 10.357 min Scan# 1405
Delta R.T. -0.017 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

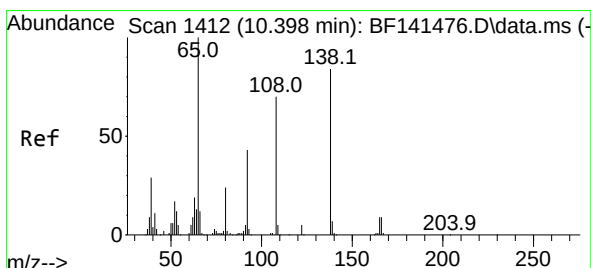
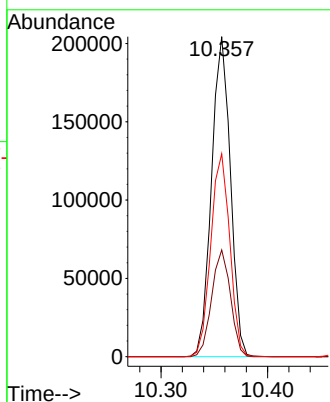
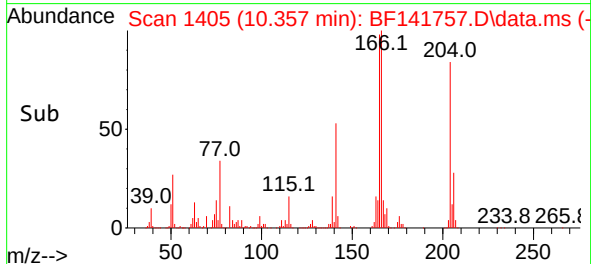
Instrument :
BNA_F
ClientSampleId :
PB166840BS



Tgt Ion:204 Resp: 250734
Ion Ratio Lower Upper
204 100
206 33.4 26.6 40.0
141 63.4 51.9 77.9

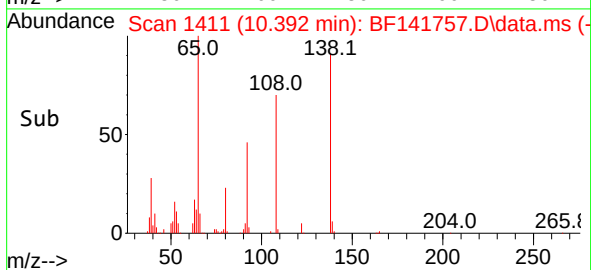
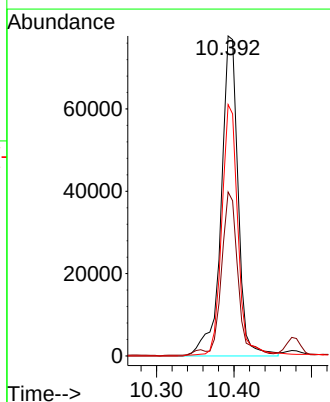
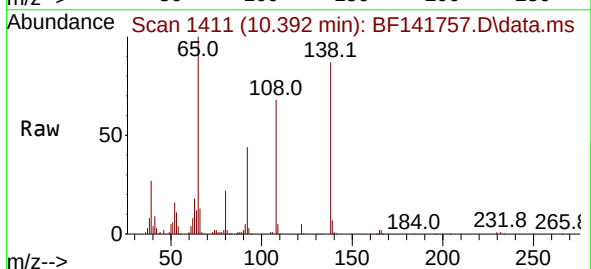
Manual Integrations
APPROVED

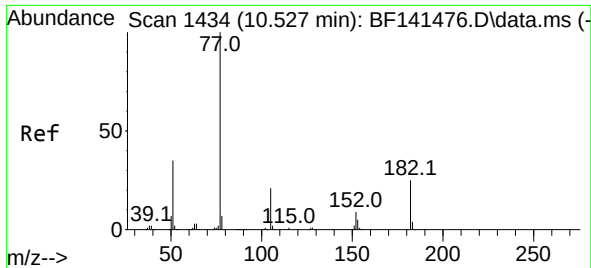
Reviewed By :Anahy Claudio 02/26/2025
Supervised By :mohammad ahmed 02/28/2025



#62
4-Nitroaniline
Concen: 38.421 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.023 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

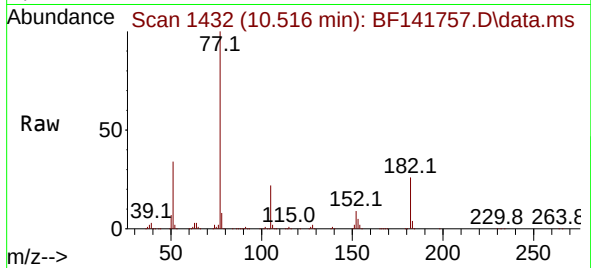
Tgt Ion:138 Resp: 118787
Ion Ratio Lower Upper
138 100
92 51.2 31.3 71.3
108 78.6 63.7 103.7





#63
Azobenzene
Concen: 39.542 ng
RT: 10.516 min Scan# 1434
Delta R.T. -0.017 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

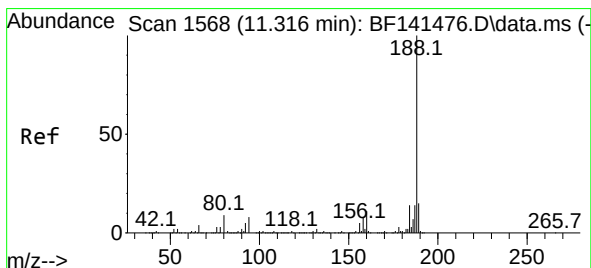
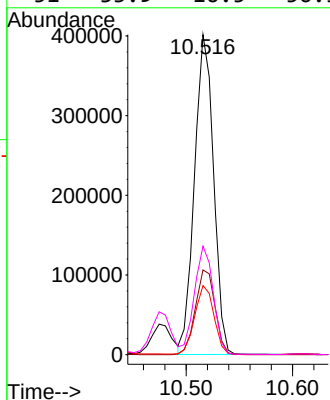
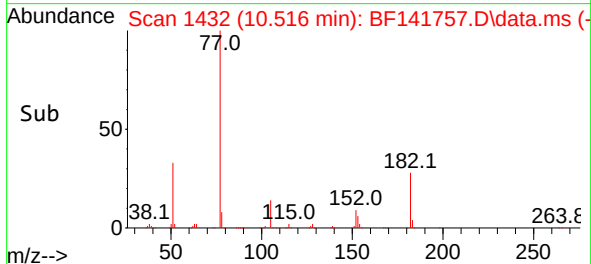
Instrument :
BNA_F
ClientSampleId :
PB166840BS



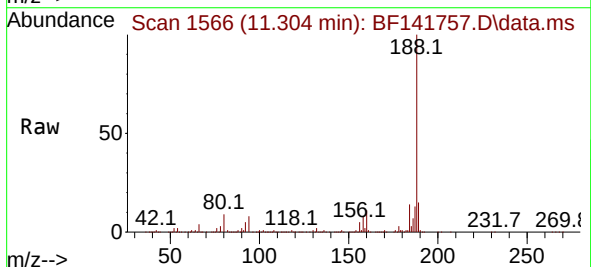
Tgt Ion: 77 Resp: 50049
Ion Ratio Lower Upper
77 100
182 26.5 4.7 44.7
105 21.6 0.4 40.4
51 33.9 16.5 56.5

Manual Integrations
APPROVED

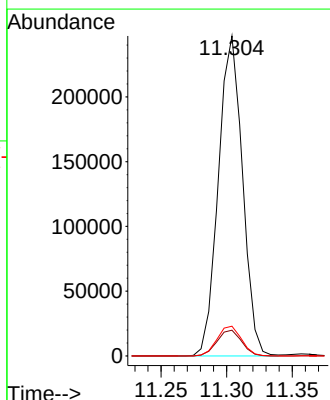
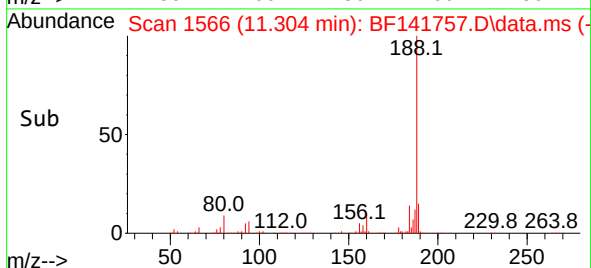
Reviewed By :Anahy Claudio 02/26/2025
Supervised By :mohammad ahmed 02/28/2025

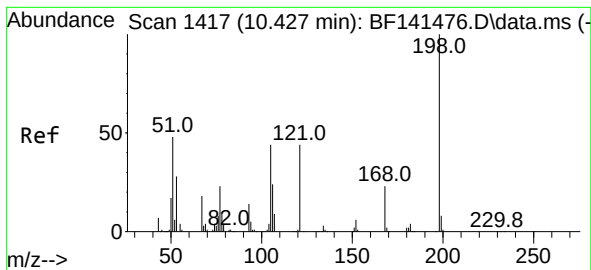


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33



Tgt Ion:188 Resp: 316029
Ion Ratio Lower Upper
188 100
94 8.1 6.6 10.0
80 9.3 7.3 10.9





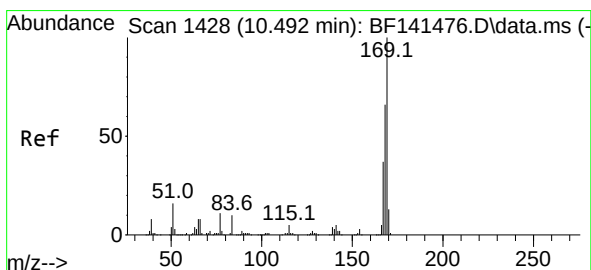
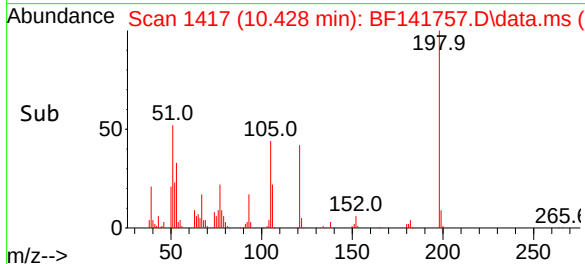
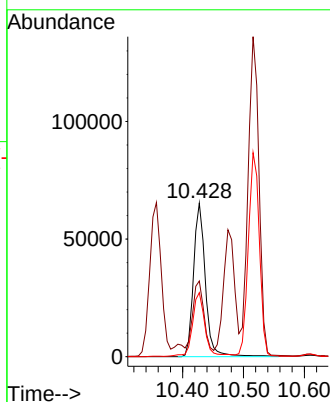
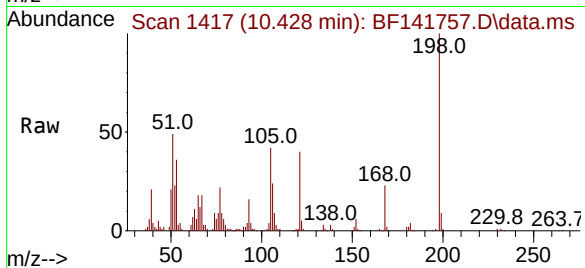
#65
4,6-Dinitro-2-methylphenol
Concen: 40.316 ng
RT: 10.428 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Instrument :
BNA_F
ClientSampleId :
PB166840BS

Tgt Ion:198 Resp: 88500
Ion Ratio Lower Upper
198 100
51 49.3 37.4 77.4
105 41.7 25.2 65.2

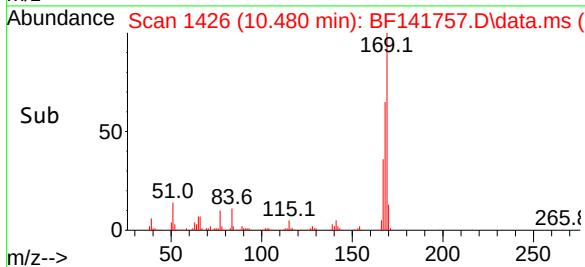
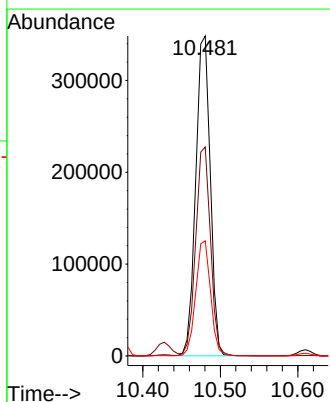
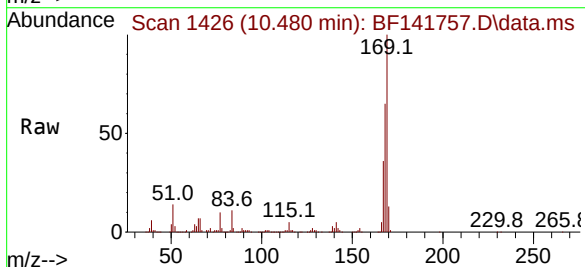
Manual Integrations
APPROVED

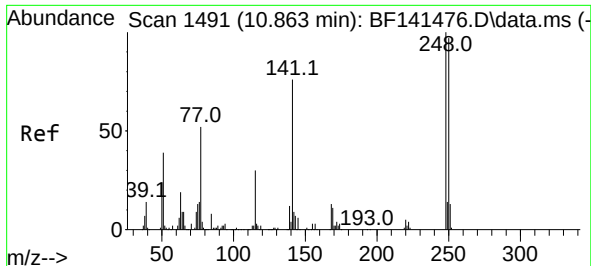
Reviewed By :Anahy Claudio 02/26/2025
Supervised By :mohammad ahmed 02/28/2025



#66
n-Nitrosodiphenylamine
Concen: 44.899 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.017 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

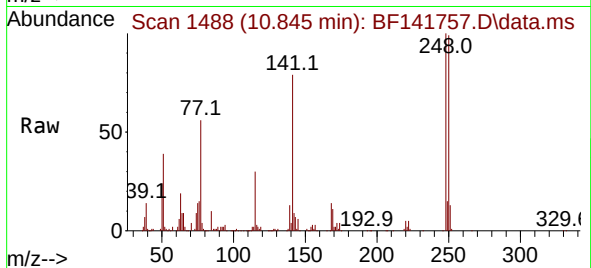
Tgt Ion:169 Resp: 454212
Ion Ratio Lower Upper
169 100
168 65.3 53.3 79.9
167 36.0 29.4 44.2





#67
4-Bromophenyl-phenylether
Concen: 43.825 ng
RT: 10.845 min Scan# 1491
Delta R.T. -0.017 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

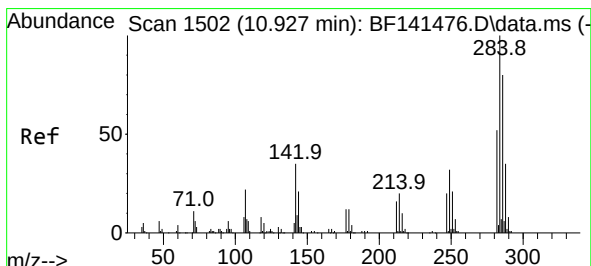
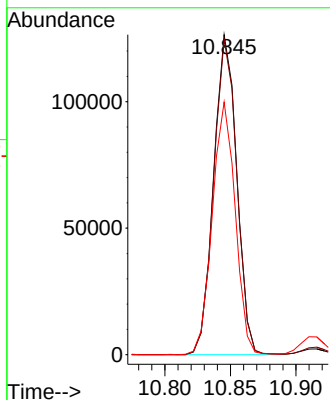
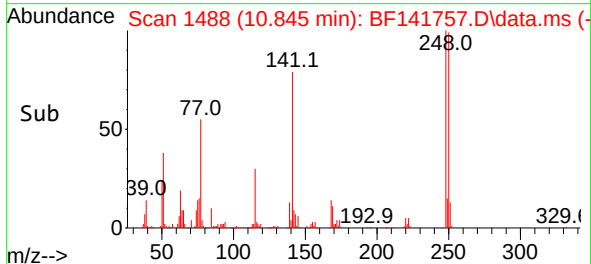
Instrument :
BNA_F
ClientSampleId :
PB166840BS



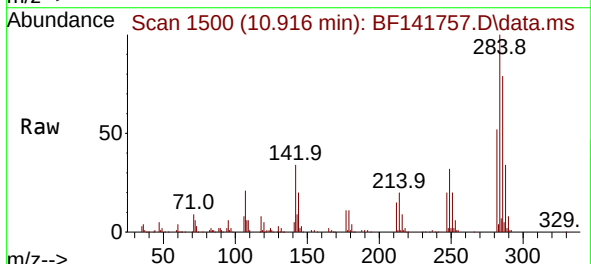
Tgt Ion:248 Resp: 15479
Ion Ratio Lower Upper
248 100
250 98.6 77.8 116.6
141 79.0 60.6 90.8

Manual Integrations
APPROVED

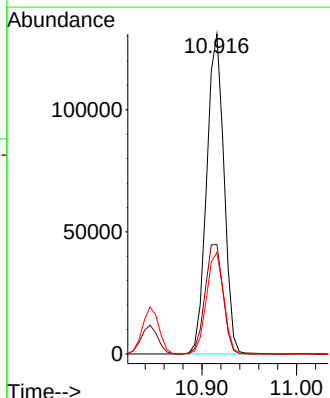
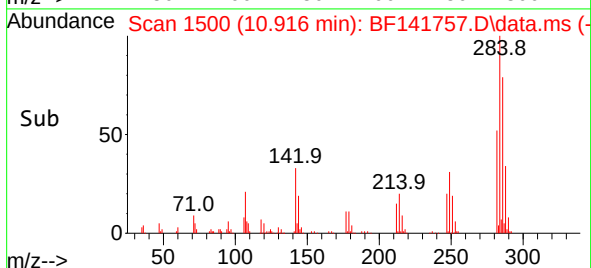
Reviewed By :Anahy Claudio 02/26/2025
Supervised By :mohammad ahmed 02/28/2025

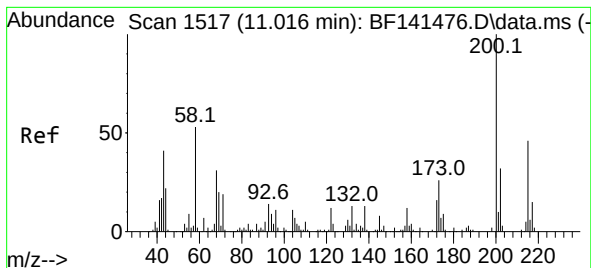


#68
Hexachlorobenzene
Concen: 45.524 ng
RT: 10.916 min Scan# 1500
Delta R.T. -0.012 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33



Tgt Ion:284 Resp: 165572
Ion Ratio Lower Upper
284 100
142 34.2 28.0 42.0
249 31.7 25.8 38.8





#69

Atrazine

Concen: 55.964 ng

RT: 11.010 min Scan# 1517

Delta R.T. -0.012 min

Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

Instrument :

BNA_F

ClientSampleId :

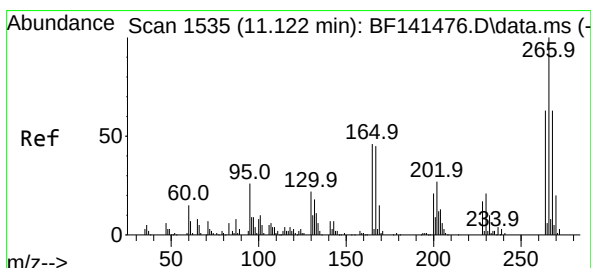
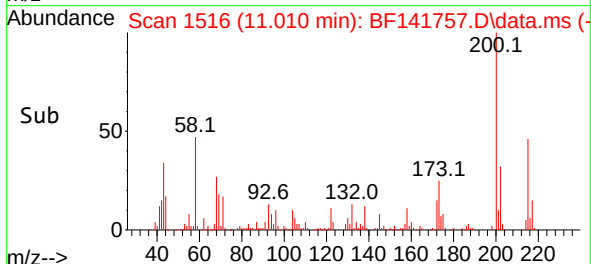
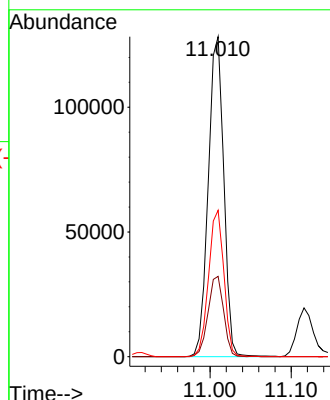
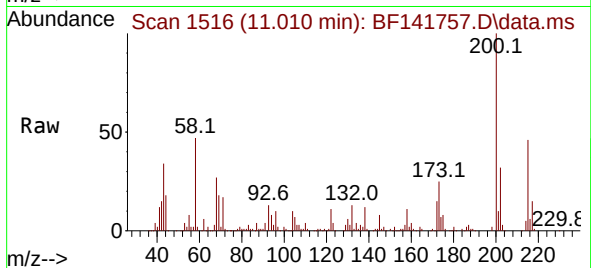
PB166840BS

Tgt Ion:200 Resp: 169840
 Ion Ratio Lower Upper
 200 100
 173 25.1 5.9 45.9
 215 45.8 25.9 65.9

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/26/2025
 Supervised By :mohammad ahmed 02/28/2025



#70

Pentachlorophenol

Concen: 64.820 ng

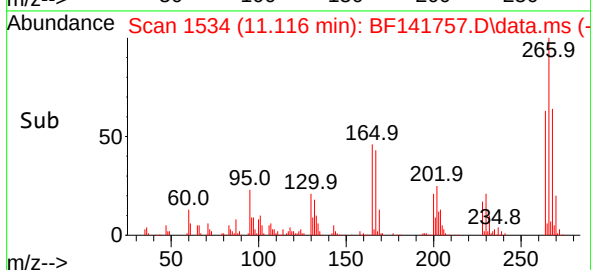
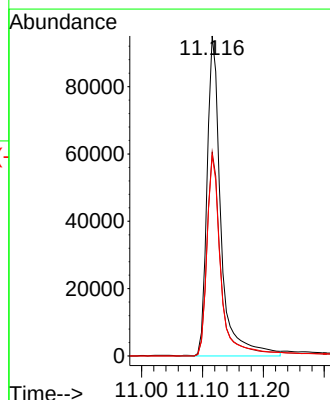
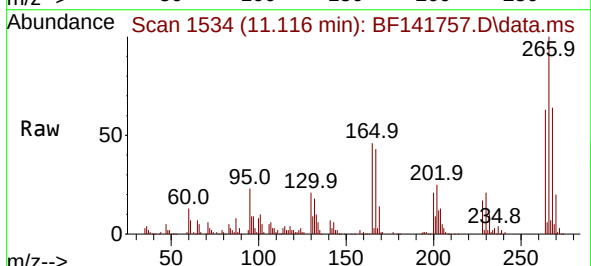
RT: 11.116 min Scan# 1534

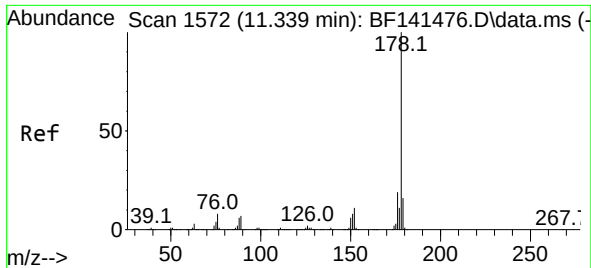
Delta R.T. -0.012 min

Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

Tgt Ion:266 Resp: 150745
 Ion Ratio Lower Upper
 266 100
 268 63.7 50.1 75.1
 264 62.7 50.1 75.1





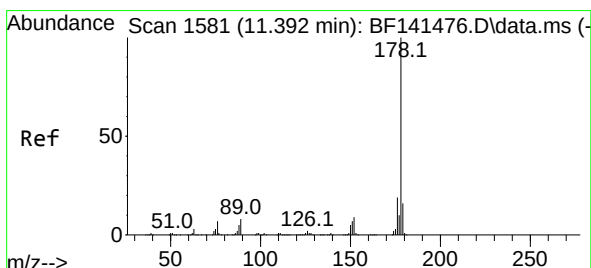
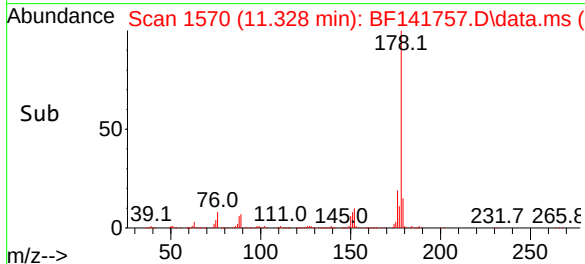
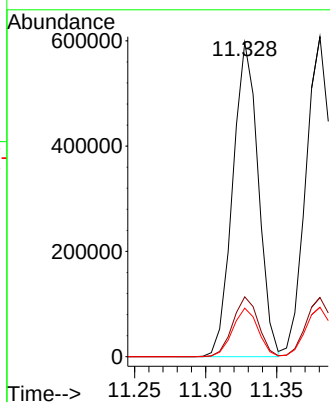
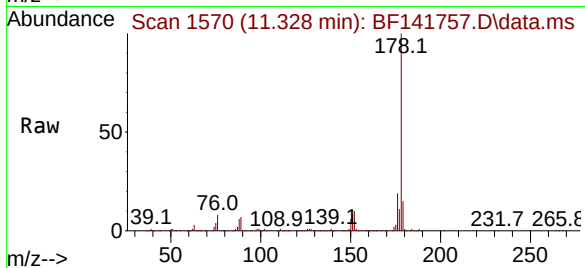
#71
Phenanthrene
Concen: 42.948 ng
RT: 11.328 min Scan# 1572
Delta R.T. -0.017 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Instrument :
BNA_F
ClientSampleId :
PB166840BS

Tgt Ion:178 Resp: 747125
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.4 12.4 18.6

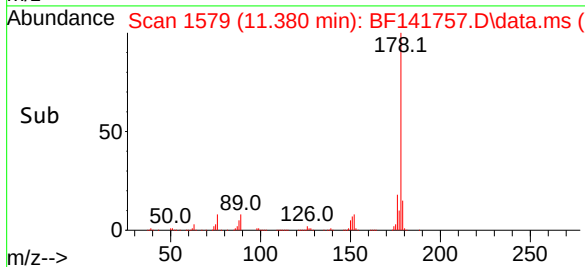
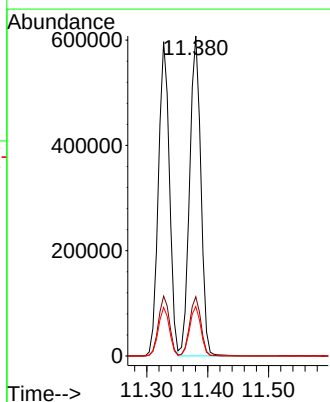
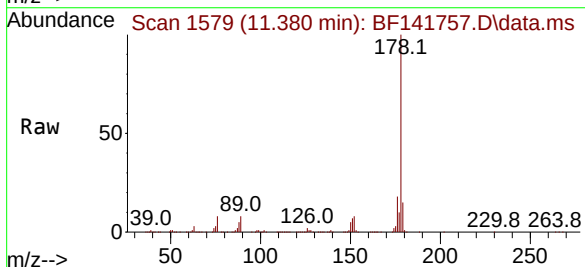
Manual Integrations
APPROVED

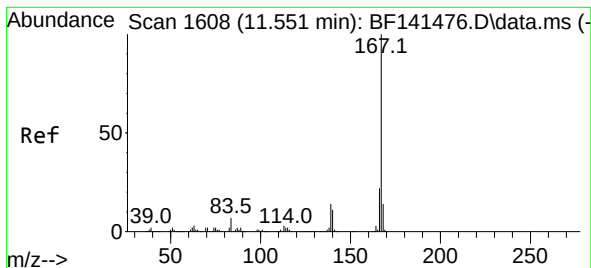
Reviewed By :Anahy Claudio 02/26/2025
Supervised By :mohammad ahmed 02/28/2025



#72
Anthracene
Concen: 44.198 ng
RT: 11.380 min Scan# 1579
Delta R.T. -0.017 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Tgt Ion:178 Resp: 772895
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.4 12.4 18.6





#73

Carbazole

Concen: 41.397 ng

RT: 11.539 min Scan# 1606

Delta R.T. -0.012 min

Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

Instrument :

BNA_F

ClientSampleId :

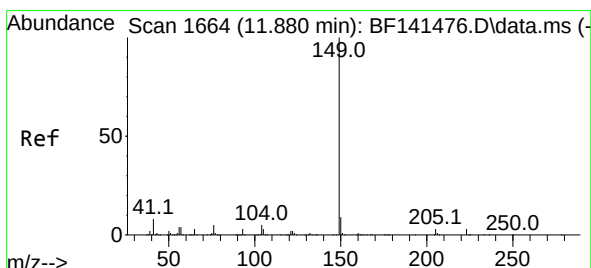
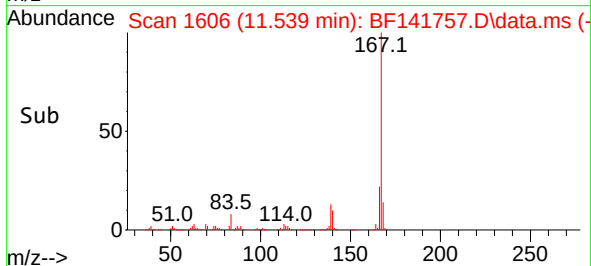
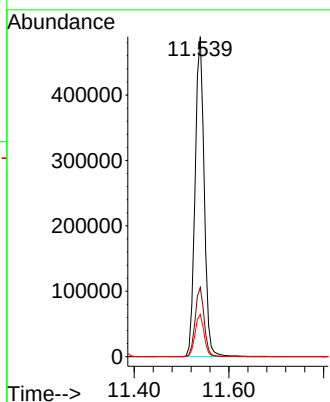
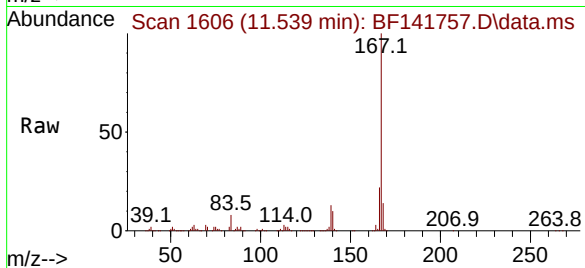
PB166840BS

Tgt Ion:167	Resp: 651374
Ion Ratio	Lower Upper
167 100	
166 21.6	17.4 26.2
139 13.2	10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/26/2025
Supervised By :mohammad ahmed 02/28/2025



#74

Di-n-butylphthalate

Concen: 43.562 ng

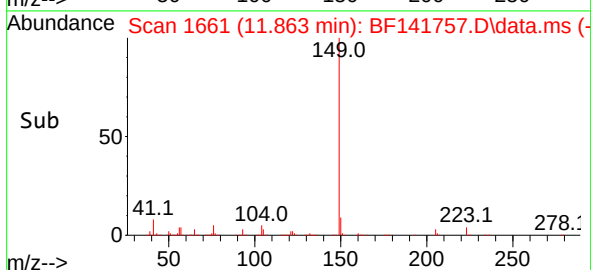
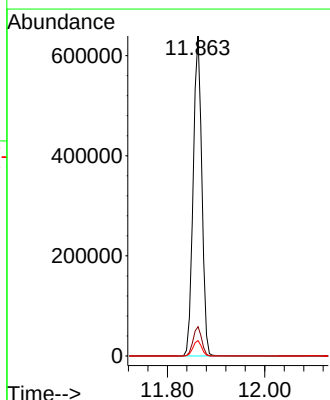
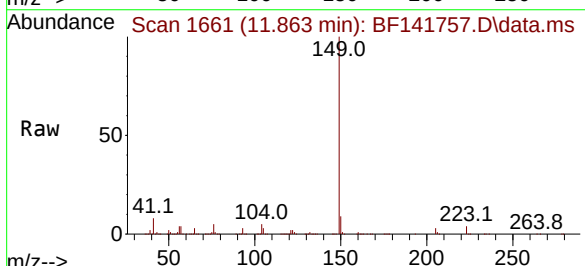
RT: 11.863 min Scan# 1661

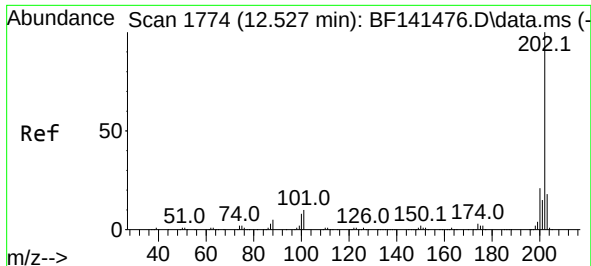
Delta R.T. -0.017 min

Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

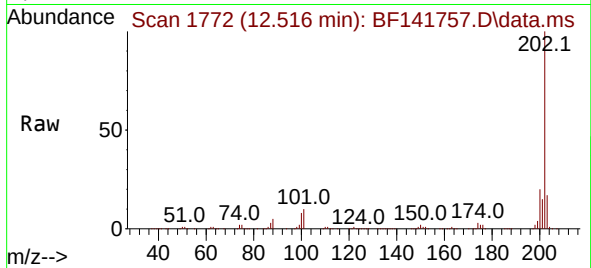
Tgt Ion:149	Resp: 791451
Ion Ratio	Lower Upper
149 100	
150 9.2	7.4 11.0
104 4.8	4.2 6.2





#75
Fluoranthene
Concen: 39.744 ng
RT: 12.516 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

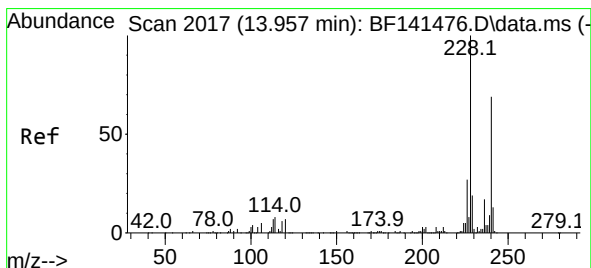
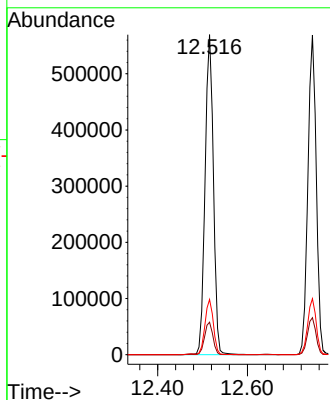
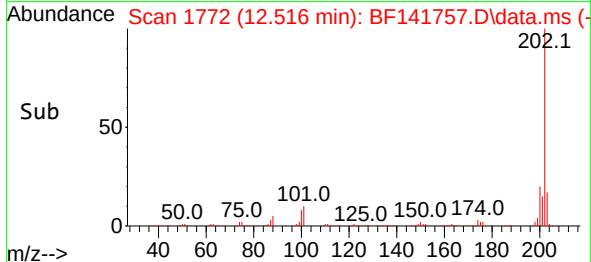
Instrument :
BNA_F
ClientSampleId :
PB166840BS



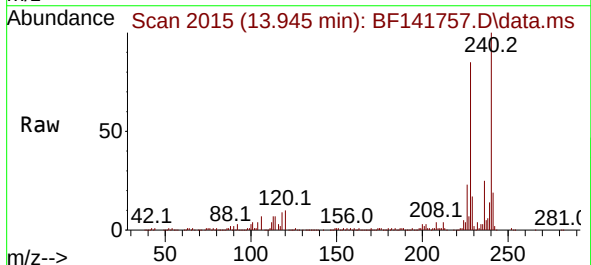
Tgt Ion:202 Resp: 733010
Ion Ratio Lower Upper
202 100
101 10.1 0.0 30.2
203 17.3 0.0 37.6

Manual Integrations
APPROVED

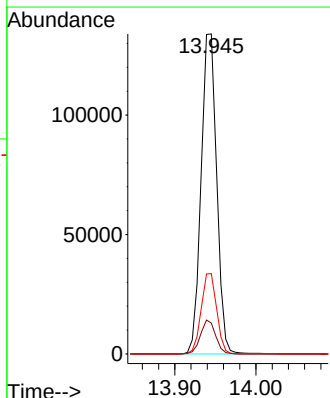
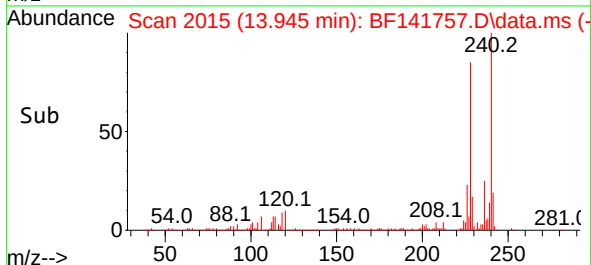
Reviewed By :Anahy Claudio 02/26/2025
Supervised By :mohammad ahmed 02/28/2025

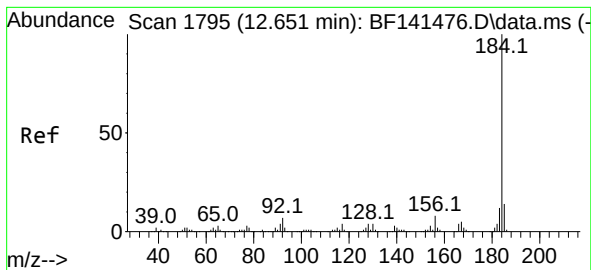


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.017 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33



Tgt Ion:240 Resp: 178696
Ion Ratio Lower Upper
240 100
120 9.7 8.0 12.0
236 25.1 19.8 29.8





#77

Benzidine

Concen: 48.773 ng

RT: 12.639 min Scan# 1793

Delta R.T. -0.017 min

Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

Instrument :

BNA_F

ClientSampleId :

PB166840BS

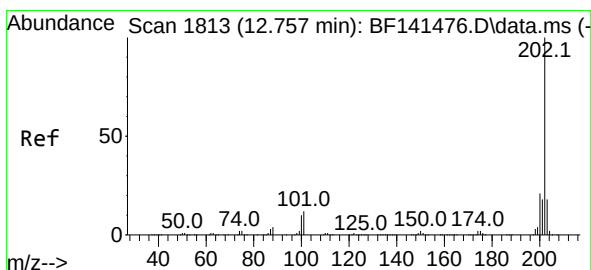
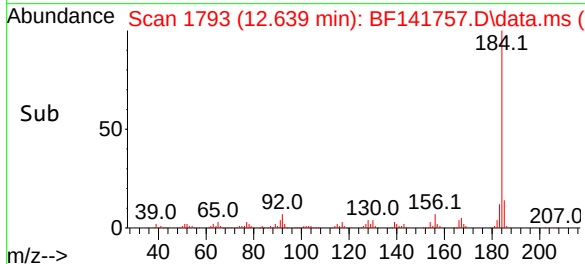
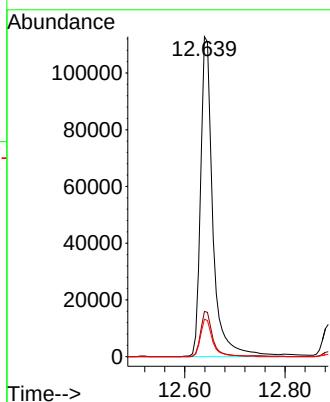
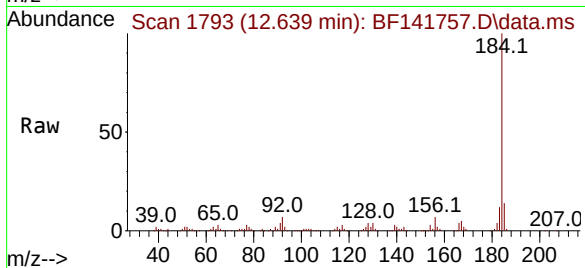
Tgt Ion:184 Resp: 19221

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.3	16.9
183	11.7	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/26/2025
Supervised By :mohammad ahmed 02/28/2025



#78

Pyrene

Concen: 48.502 ng

RT: 12.745 min Scan# 1811

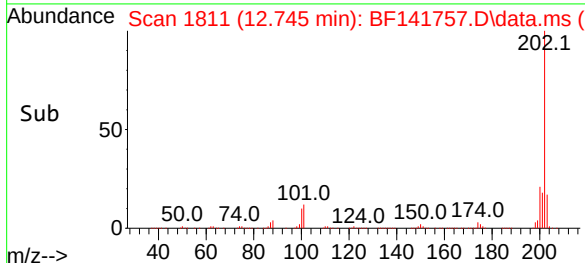
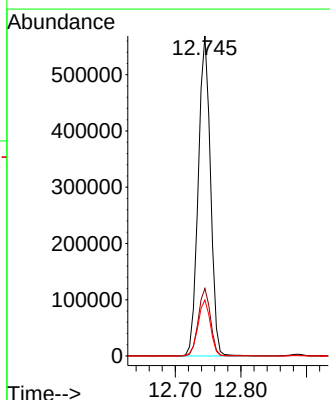
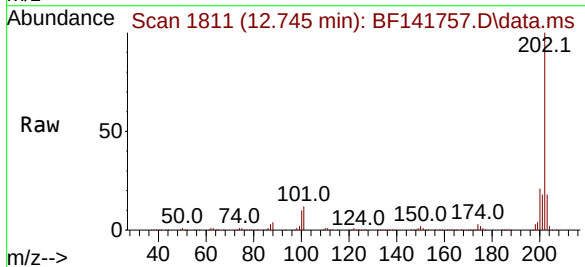
Delta R.T. -0.017 min

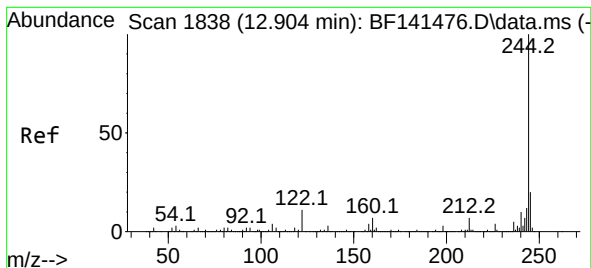
Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

Tgt Ion:202 Resp: 737808

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.4
203	17.5	14.3	21.5





#79

Terphenyl-d14

Concen: 108.067 ng

RT: 12.886 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF141757.D

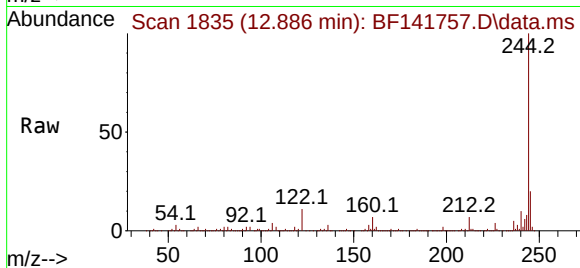
Acq: 25 Feb 2025 11:33

Instrument :

BNA_F

ClientSampleId :

PB166840BS



Tgt Ion:244 Resp: 114391

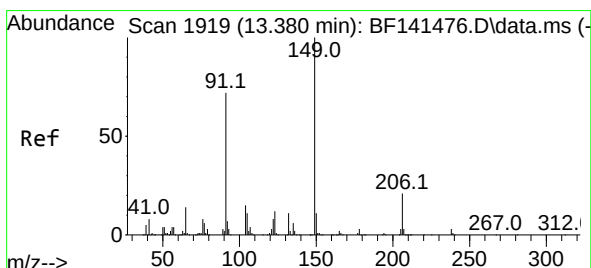
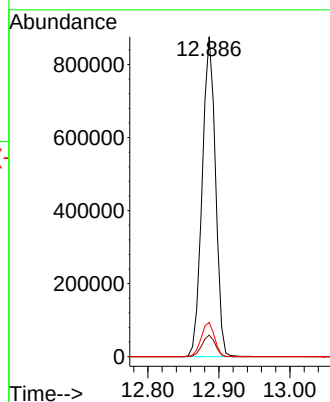
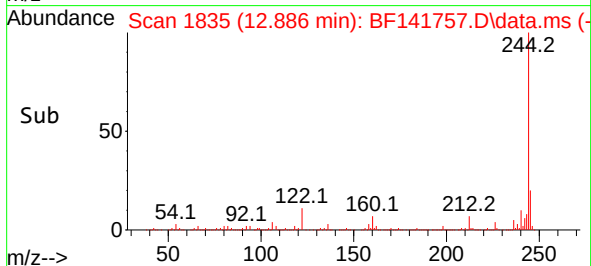
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	10.7	8.4	12.6

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/26/2025

Supervised By :mohammad ahmed 02/28/2025



#80

Butylbenzylphthalate

Concen: 48.603 ng

RT: 13.357 min Scan# 1915

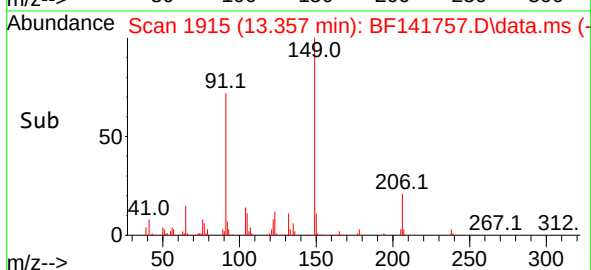
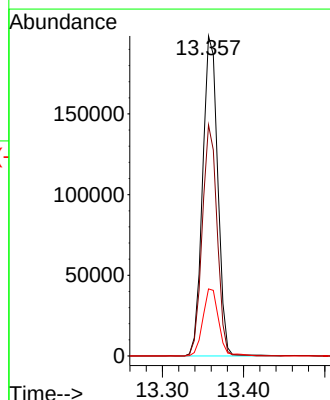
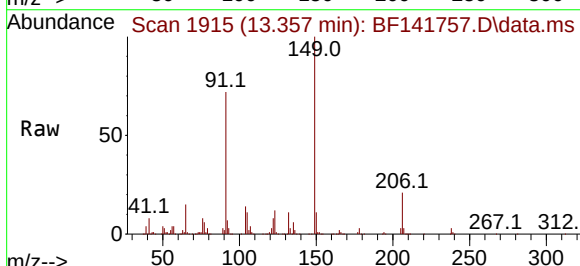
Delta R.T. -0.023 min

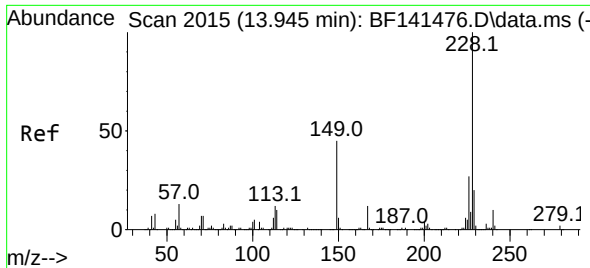
Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

Tgt Ion:149 Resp: 256086

Ion	Ratio	Lower	Upper
149	100		
91	72.2	57.8	86.8
206	20.9	16.7	25.1





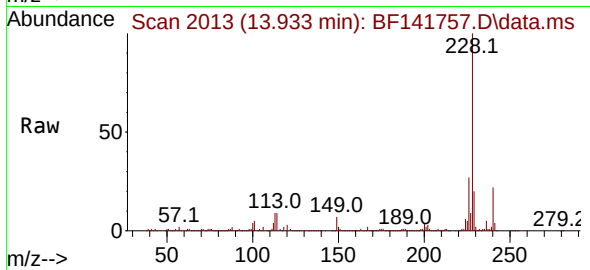
#81
Benzo(a)anthracene
Concen: 44.130 ng
RT: 13.933 min Scan# 2015
Delta R.T. -0.017 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Instrument :

BNA_F

ClientSampleId :

PB166840BS

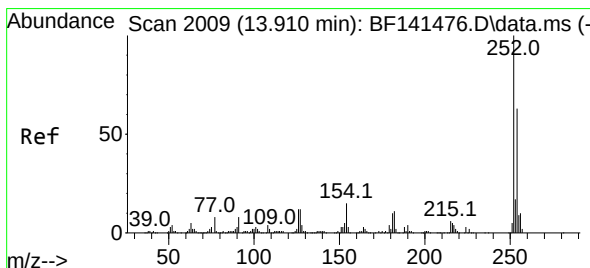
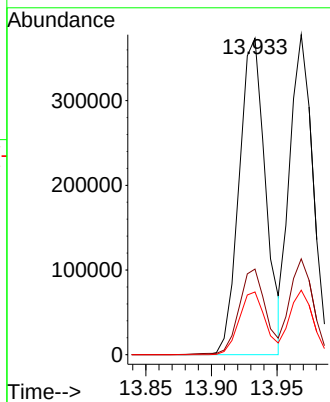
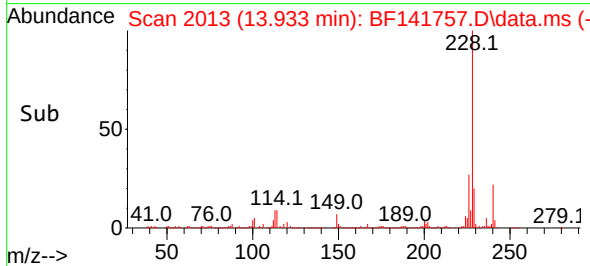


Tgt Ion:228 Resp: 524204
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.8 15.8 23.6

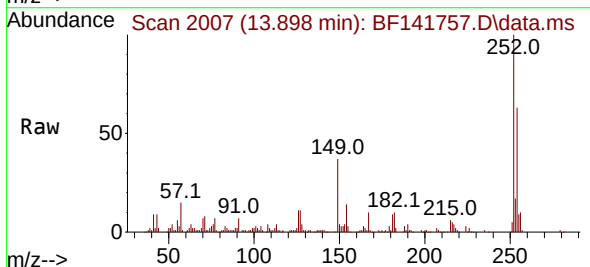
Manual Integrations

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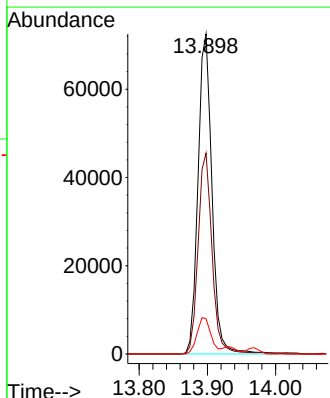
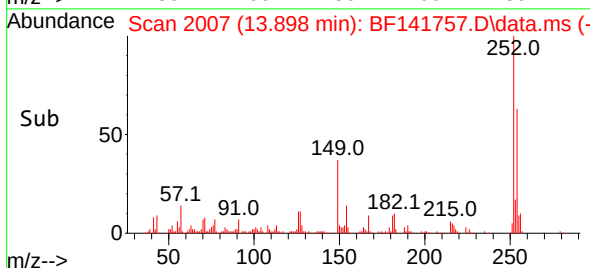
Reviewed By :Anahy Claudio 02/26/2025
Supervised By :mohammad ahmed 02/28/2025

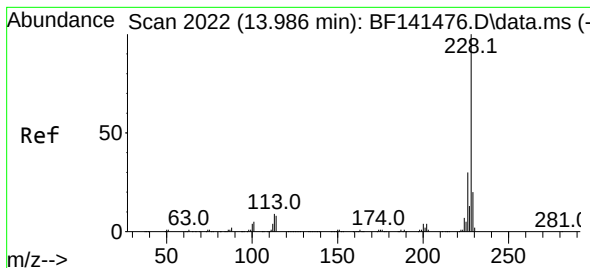


#82
3,3'-Dichlorobenzidine
Concen: 30.365 ng
RT: 13.898 min Scan# 2007
Delta R.T. -0.017 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33



Tgt Ion:252 Resp: 103323
Ion Ratio Lower Upper
252 100
254 62.7 50.6 76.0
126 11.0 9.3 13.9





#83

Chrysene

Concen: 42.370 ng

RT: 13.969 min Scan# 2010

Delta R.T. -0.023 min

Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

Instrument :

BNA_F

ClientSampleId :

PB166840BS

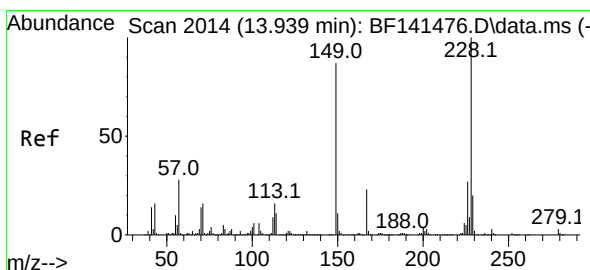
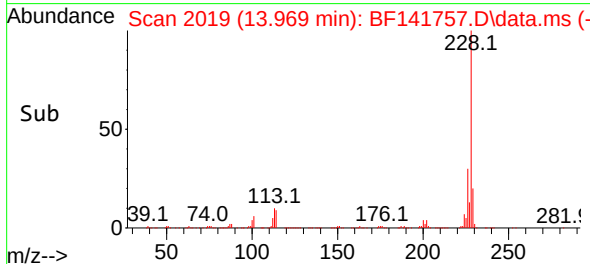
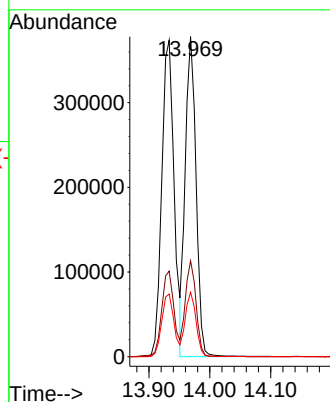
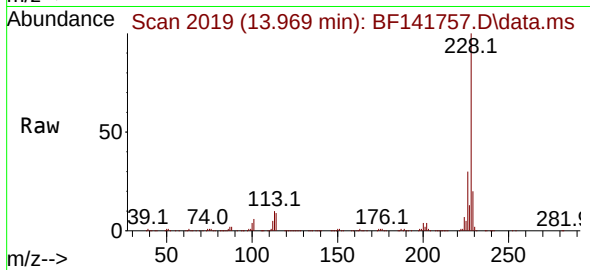
Tgt Ion:228 Resp: 464718

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	20.2	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/26/2025
Supervised By :mohammad ahmed 02/28/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.069 ng

RT: 13.916 min Scan# 2010

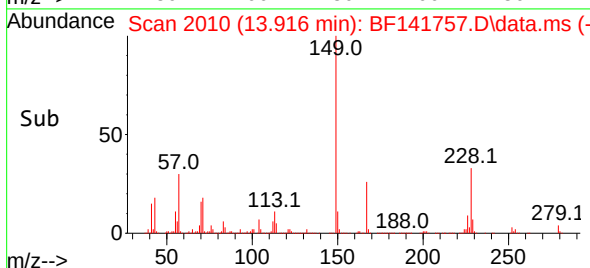
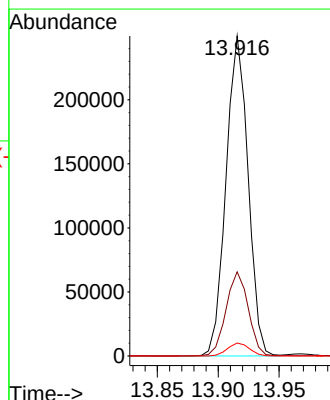
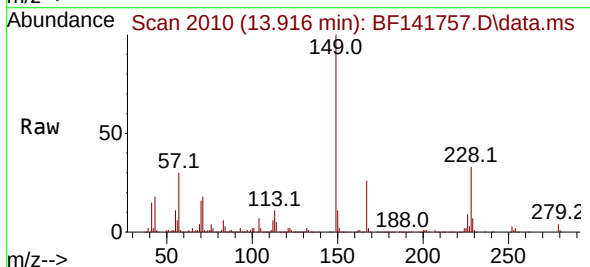
Delta R.T. -0.023 min

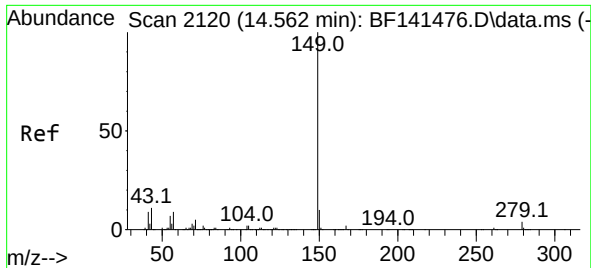
Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

Tgt Ion:149 Resp: 315365

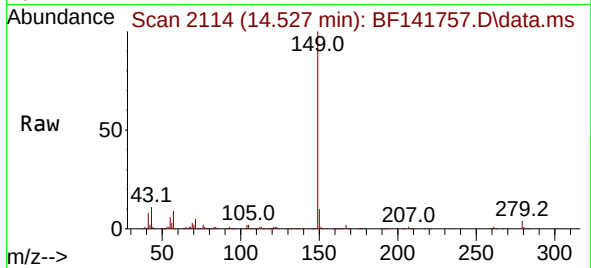
Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.4	32.0
279	4.0	3.1	4.7





#85
Di-n-octyl phthalate
Concen: 54.805 ng
RT: 14.527 min Scan# 2114
Delta R.T. -0.035 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

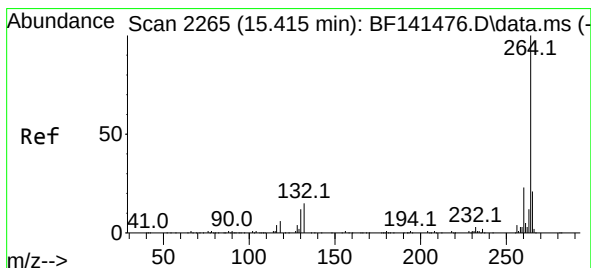
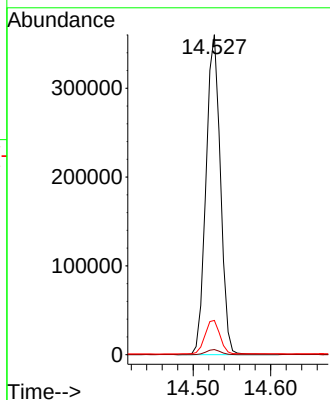
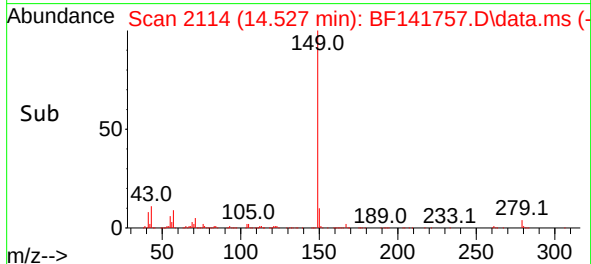
Instrument :
BNA_F
ClientSampleId :
PB166840BS



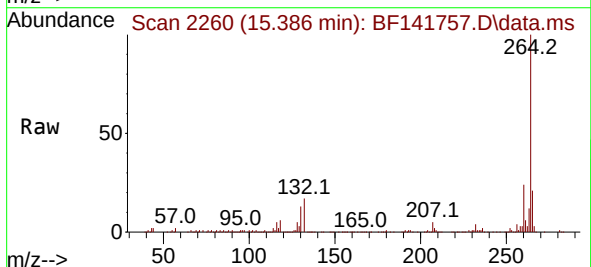
Tgt Ion:149 Resp: 464610
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.0 9.5 14.3

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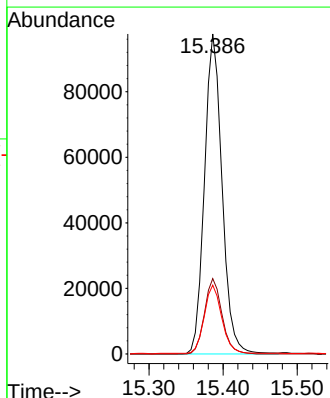
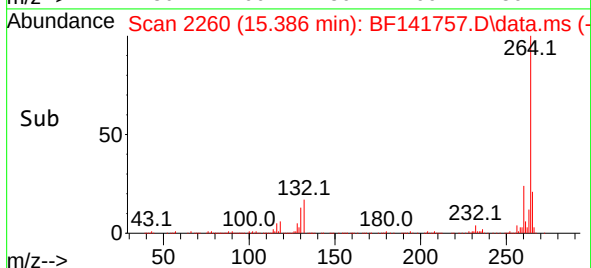
Reviewed By :Anahy Claudio 02/26/2025
Supervised By :mohammad ahmed 02/28/2025

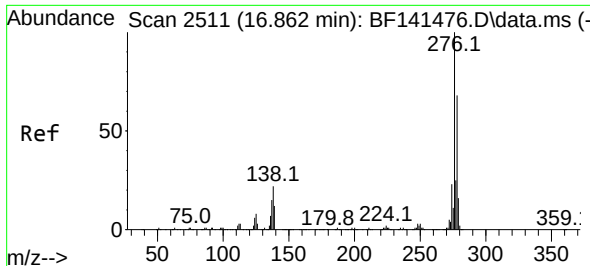


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.386 min Scan# 2260
Delta R.T. -0.029 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33



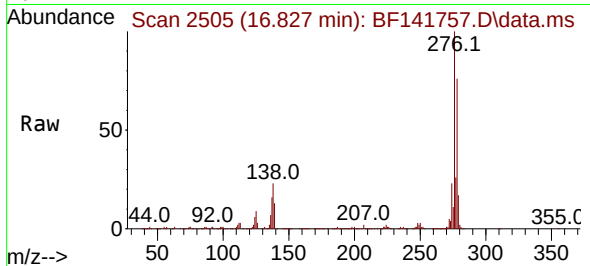
Tgt Ion:264 Resp: 160920
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 21.5 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 52.926 ng
RT: 16.827 min Scan# 2189
Delta R.T. -0.047 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

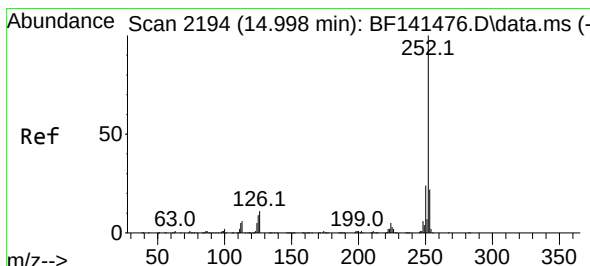
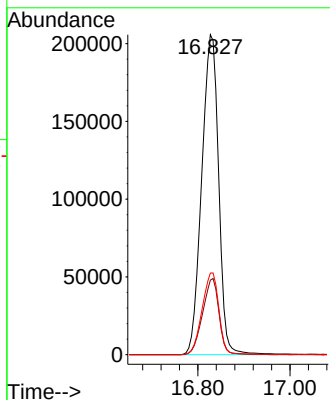
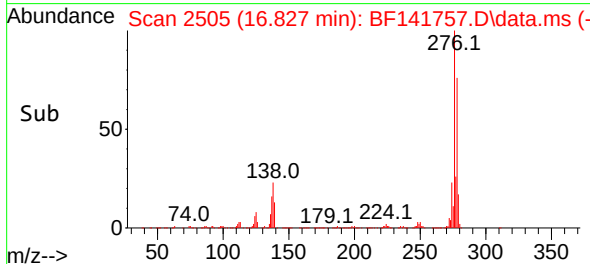
Instrument :
BNA_F
ClientSampleId :
PB166840BS



Tgt Ion: 276 Resp: 52625
Ion Ratio Lower Upper
276 100
138 23.0 18.0 27.0
277 25.5 20.4 30.6

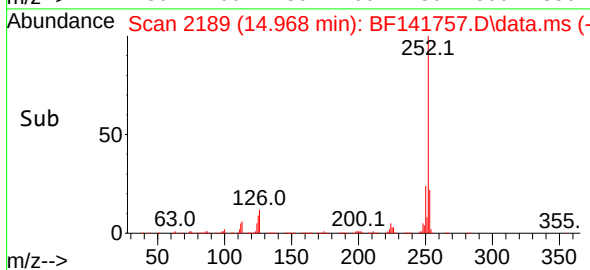
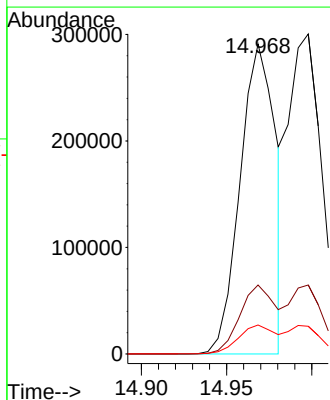
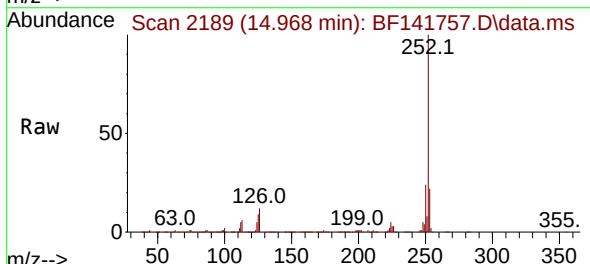
Manual Integrations
APPROVED

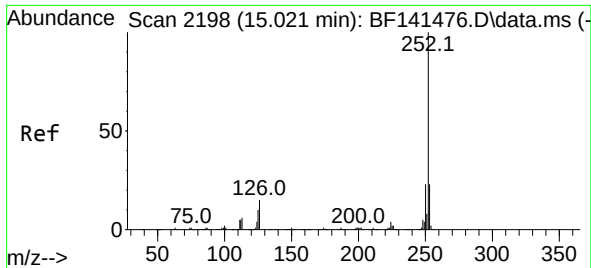
Reviewed By :Anahy Claudio 02/26/2025
Supervised By :mohammad ahmed 02/28/2025



#88
Benzo(b)fluoranthene
Concen: 39.020 ng
RT: 14.968 min Scan# 2189
Delta R.T. -0.035 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Tgt Ion: 252 Resp: 421609
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 9.4 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 44.838 ng

RT: 14.998 min Scan# 2198

Delta R.T. -0.035 min

Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

Instrument :

BNA_F

ClientSampleId :

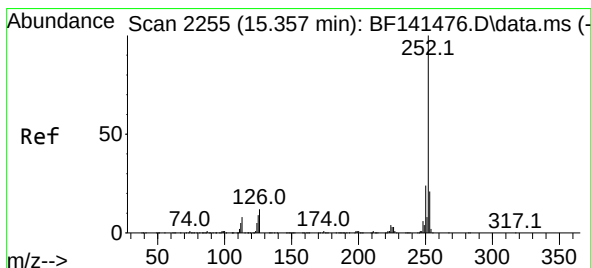
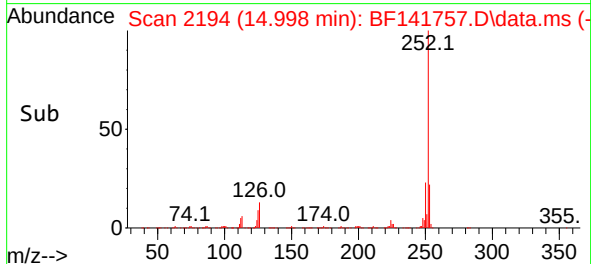
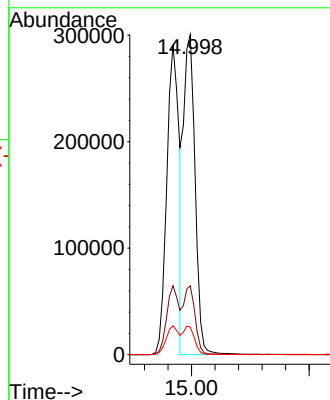
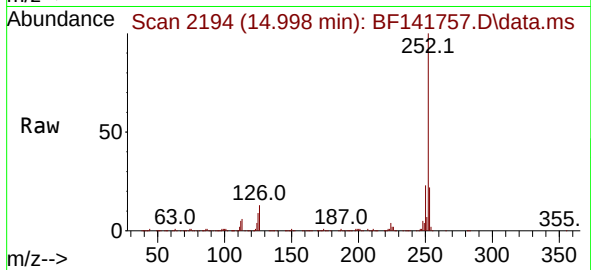
PB166840BS

Tgt Ion:252 Resp: 41369
 Ion Ratio Lower Upper
 252 100
 253 21.6 18.0 27.0
 125 8.6 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/26/2025
 Supervised By :mohammad ahmed 02/28/2025



#90

Benzo(a)pyrene

Concen: 46.653 ng

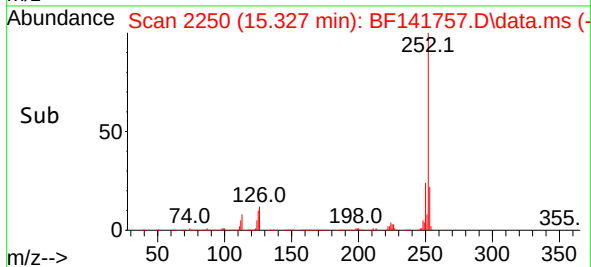
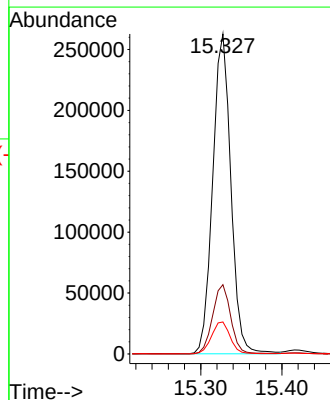
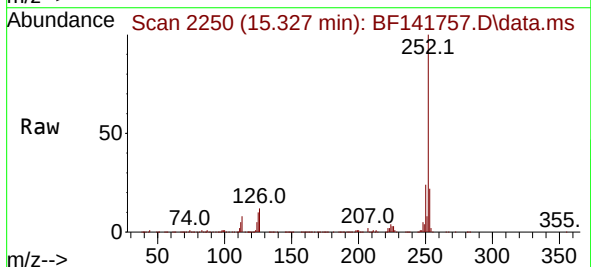
RT: 15.327 min Scan# 2250

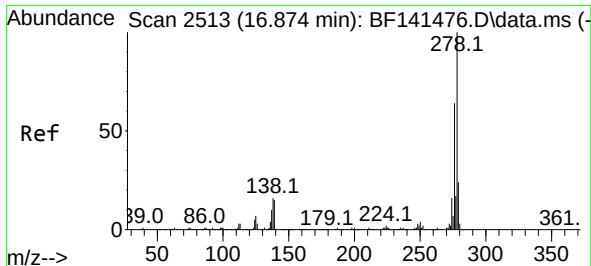
Delta R.T. -0.035 min

Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

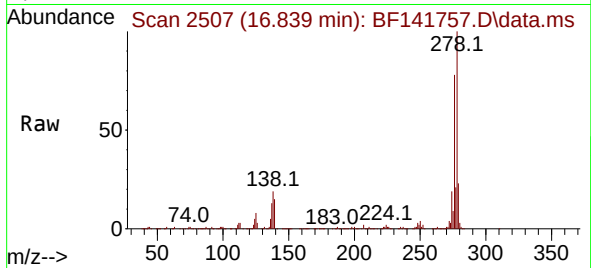
Tgt Ion:252 Resp: 407894
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.1 25.7
 125 10.0 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 52.513 ng
RT: 16.839 min Scan# 2513
Delta R.T. -0.053 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

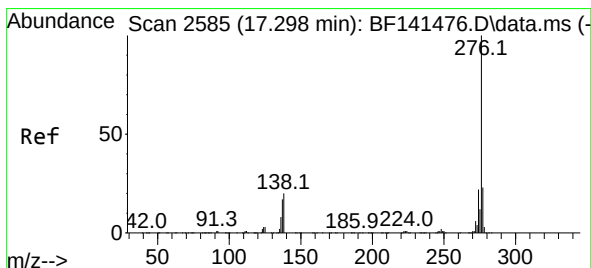
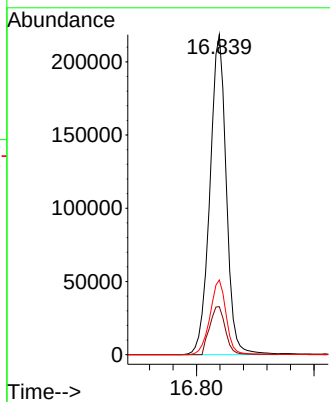
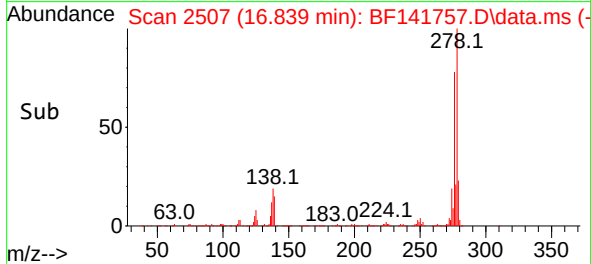
Instrument :
BNA_F
ClientSampleId :
PB166840BS



Tgt Ion:278 Resp: 42308
Ion Ratio Lower Upper
278 100
139 15.0 11.8 17.6
279 23.3 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 02/26/2025
Supervised By :mohammad ahmed 02/28/2025



#92
Benzo(g,h,i)perylene
Concen: 49.162 ng
RT: 17.257 min Scan# 2578
Delta R.T. -0.059 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Tgt Ion:276 Resp: 414484
Ion Ratio Lower Upper
276 100
277 23.6 18.6 28.0
138 20.3 15.9 23.9

