

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
 Data File : BF141862.D
 Acq On : 06 Mar 2025 11:51
 Operator : RC/JU
 Sample : PB166982BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166982BS

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/07/2025
 Supervised By :Jagrut Upadhyay 03/07/2025

Quant Time: Mar 06 15:47:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:48:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	210095	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	832298	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	456822	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	789268	20.000	ng	0.00
76) Chrysene-d12	14.045	240	533191	20.000	ng	0.00
86) Perylene-d12	15.510	264	432459	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1718685	130.642	ng	0.02
7) Phenol-d6	6.510	99	2131309	124.468	ng	0.00
23) Nitrobenzene-d5	7.445	82	1424866	109.429	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	757115	176.536	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2698143	94.705	ng	0.00
79) Terphenyl-d14	12.992	244	3290875	99.859	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.769	88	236649	39.644	ng	96
3) Pyridine	3.528	79	571968	38.510	ng	96
4) n-Nitrosodimethylamine	3.469	42	298504	41.770	ng	# 98
6) Aniline	6.546	93	654827	36.784	ng	99
8) 2-Chlorophenol	6.669	128	646113	45.401	ng	95
9) Benzaldehyde	6.434	77	232462	23.339	ng	99
10) Phenol	6.522	94	775445	42.379	ng	97
11) bis(2-Chloroethyl)ether	6.622	93	584519	41.908	ng	96
12) 1,3-Dichlorobenzene	6.828	146	671014	44.028	ng	100
13) 1,4-Dichlorobenzene	6.904	146	680898	44.340	ng	100
14) 1,2-Dichlorobenzene	7.057	146	656843	45.806	ng	98
15) Benzyl Alcohol	7.022	79	576121	42.099	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	771714	36.433	ng	96
17) 2-Methylphenol	7.134	107	520475	44.307	ng	99
18) Hexachloroethane	7.398	117	255823	44.509	ng	97
19) n-Nitroso-di-n-propyla...	7.298	70	446393	39.657	ng	97
20) 3+4-Methylphenols	7.281	107	638973	43.683	ng	93
22) Acetophenone	7.293	105	955429	47.133	ng	99
24) Nitrobenzene	7.463	77	682517	48.949	ng	100
25) Isophorone	7.704	82	1219271	43.587	ng	98
26) 2-Nitrophenol	7.781	139	334090	53.102	ng	97
27) 2,4-Dimethylphenol	7.810	122	564747	54.921	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	735247	41.203	ng	99
29) 2,4-Dichlorophenol	8.016	162	532866	44.919	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	579819	44.605	ng	100
31) Naphthalene	8.187	128	1846658	43.170	ng	99
32) Benzoic acid	7.928	122	455664	52.276	ng	99
33) 4-Chloroaniline	8.234	127	309388	19.726	ng	98
34) Hexachlorobutadiene	8.304	225	376266	46.581	ng	98
35) Caprolactam	8.598	113	191039m	52.349	ng	
36) 4-Chloro-3-methylphenol	8.710	107	583807	44.302	ng	98
37) 2-Methylnaphthalene	8.875	142	1173483	41.824	ng	100
38) 1-Methylnaphthalene	8.975	142	1154869	42.897	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	645530	48.928	ng	99
41) Hexachlorocyclopentadiene	9.034	237	868319	157.703	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	400502	46.993	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	409928	48.574	ng	98
46) 1,1'-Biphenyl	9.339	154	1666460	47.926	ng	99
47) 2-Chloronaphthalene	9.369	162	1139340	44.395	ng	99
48) 2-Nitroaniline	9.457	65	361580	51.157	ng	96
49) Acenaphthylene	9.781	152	1799062	46.755	ng	99
50) Dimethylphthalate	9.645	163	1371047	44.817	ng	100
51) 2,6-Dinitrotoluene	9.704	165	301079	51.243	ng	92
52) Acenaphthene	9.957	154	1330436	51.243	ng	99
53) 3-Nitroaniline	9.869	138	204507	33.745	ng	# 94
54) 2,4-Dinitrophenol	9.975	184	360919	116.229	ng	# 1
55) Dibenzofuran	10.128	168	1621177	42.900	ng	100
56) 4-Nitrophenol	10.028	139	551414	122.039	ng	95
57) 2,4-Dinitrotoluene	10.104	165	415457	57.376	ng	95
58) Fluorene	10.469	166	1272097	44.940	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	354982	48.365	ng	99
60) Diethylphthalate	10.345	149	1341179	43.731	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	636689	44.893	ng	99
62) 4-Nitroaniline	10.486	138	320025	61.255	ng	97
63) Azobenzene	10.622	77	1309765	40.561	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	231430	59.852	ng	94
66) n-Nitrosodiphenylamine	10.581	169	1129867	43.596	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	409102	44.376	ng	98
68) Hexachlorobenzene	11.016	284	460465	47.300	ng	97
69) Atrazine	11.104	200	456998	64.122	ng	100
70) Pentachlorophenol	11.210	266	603121	97.683	ng	100
71) Phenanthrene	11.433	178	1919079	45.456	ng	99
72) Anthracene	11.486	178	1936157	45.759	ng	100
73) Carbazole	11.633	167	1703875	45.601	ng	100
74) Di-n-butylphthalate	11.969	149	2042563	43.126	ng	100
75) Fluoranthene	12.616	202	2010701	46.480	ng	98
77) Benzidine	12.739	184	703765	104.868	ng	100
78) Pyrene	12.851	202	2033437	44.041	ng	99
80) Butylbenzylphthalate	13.463	149	779324	46.457	ng	98
81) Benzo(a)anthracene	14.033	228	1606850	45.626	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	287502	28.453	ng	99
83) Chrysene	14.069	228	1461304	45.012	ng	100
84) Bis(2-ethylhexyl)phtha...	14.022	149	973167	46.591	ng	99
85) Di-n-octyl phthalate	14.633	149	1411858	45.149	ng	97
87) Indeno(1,2,3-cd)pyrene	17.004	276	1400520	50.858	ng	97
88) Benzo(b)fluoranthene	15.080	252	1324873	44.975	ng	99
89) Benzo(k)fluoranthene	15.110	252	1110972	44.371	ng	99
90) Benzo(a)pyrene	15.451	252	1135461	48.062	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	1121408	49.889	ng	97
92) Benzo(g,h,i)perylene	17.457	276	1098929	47.722	ng	97

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

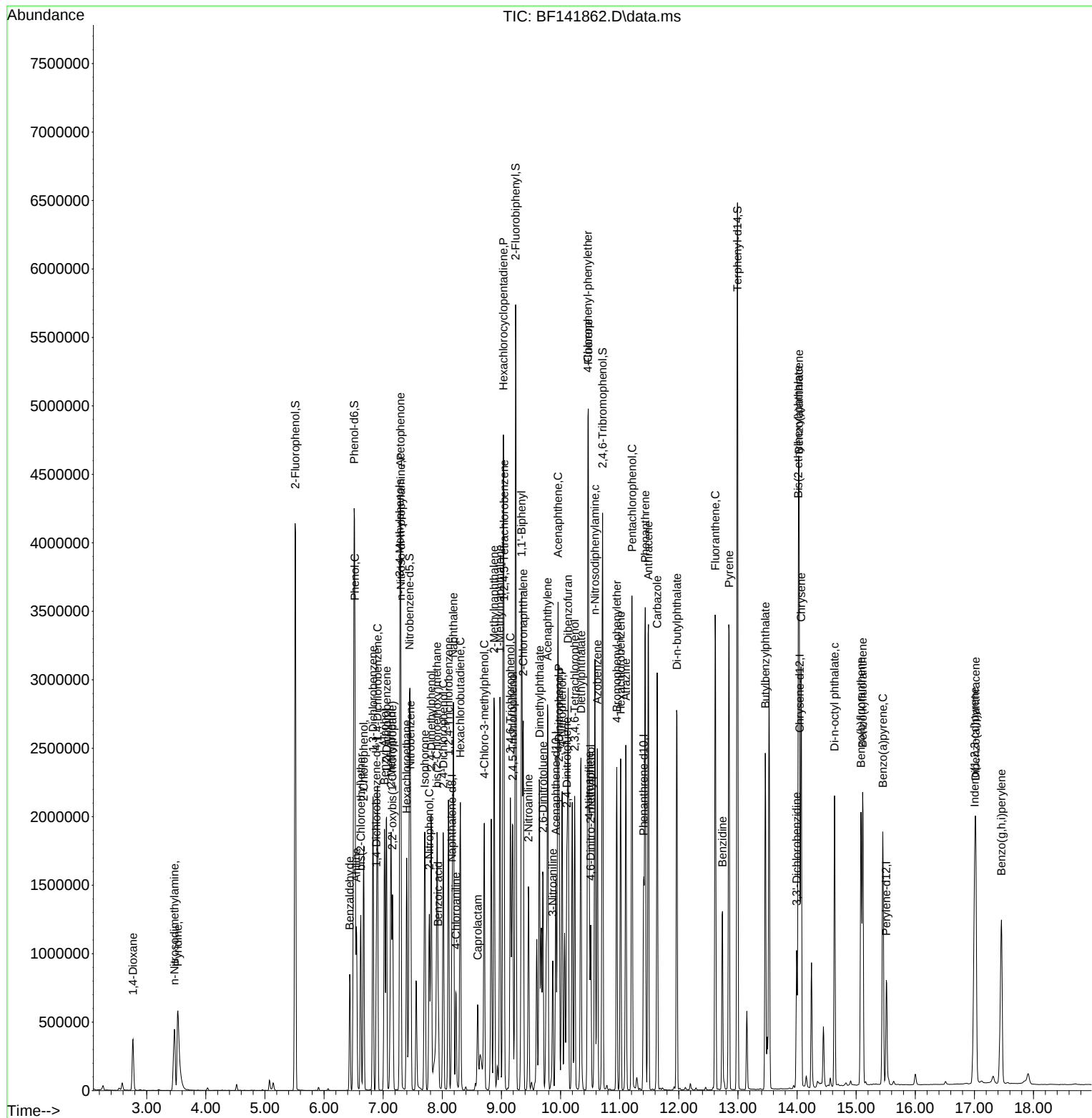
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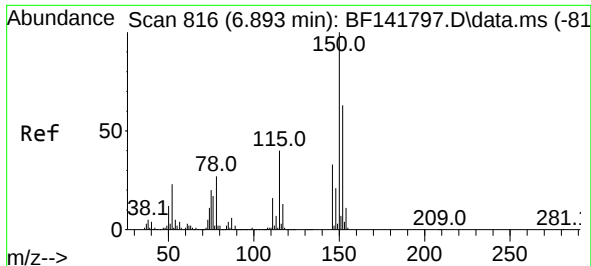
Instrument :
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ClientSampleId :
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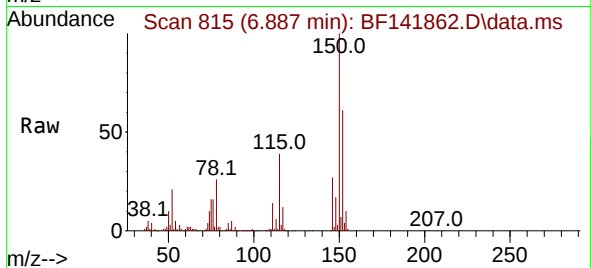
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF141862.D
 Acq: 06 Mar 2025 11:51

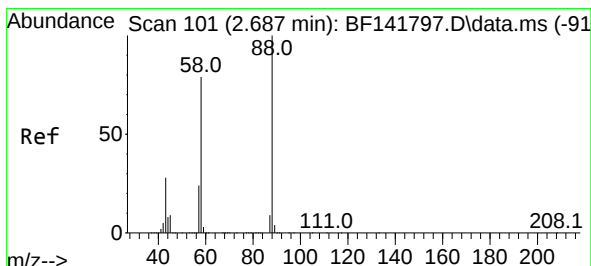
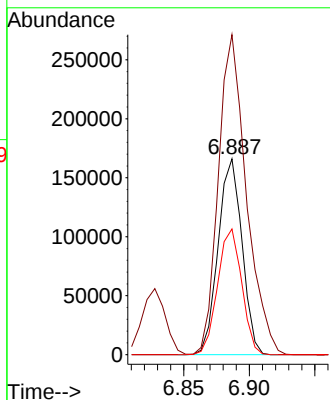
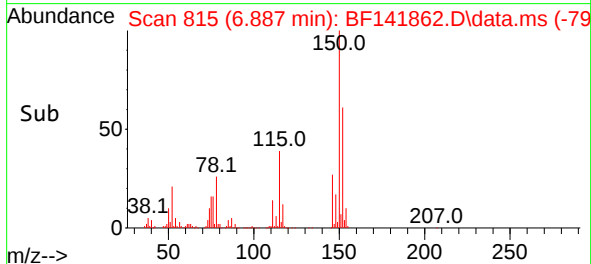
Instrument :
 BNA_F
 ClientSampleId :
 PB166982BS



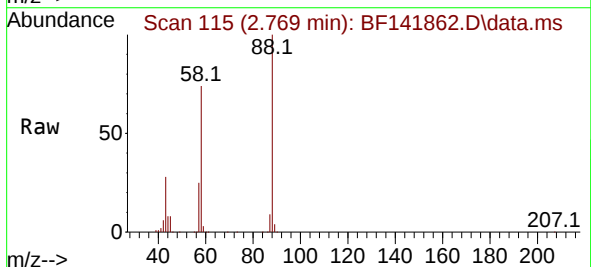
Tgt Ion:152 Resp: 21009
 Ion Ratio Lower Upper
 152 100
 150 163.4 127.5 191.3
 115 64.2 51.4 77.2

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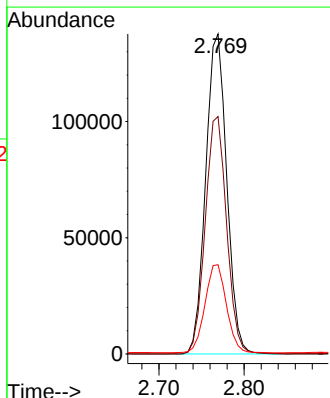
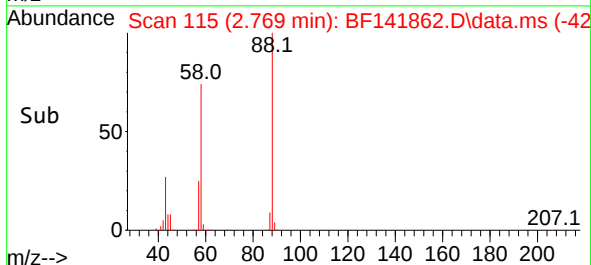
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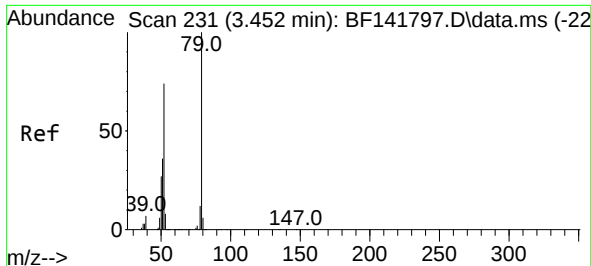


#2
 1,4-Dioxane
 Concen: 39.644 ng
 RT: 2.769 min Scan# 115
 Delta R.T. 0.082 min
 Lab File: BF141862.D
 Acq: 06 Mar 2025 11:51



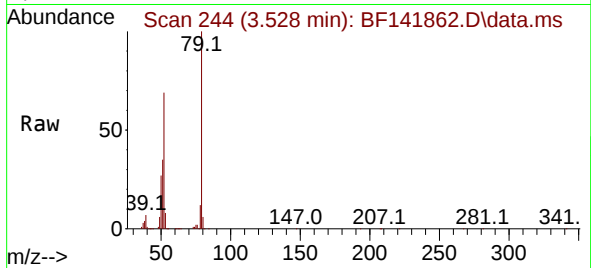
Tgt Ion: 88 Resp: 236649
 Ion Ratio Lower Upper
 88 100
 58 75.5 63.9 95.9
 43 28.2 23.0 34.6





#3
Pyridine
Concen: 38.510 ng
RT: 3.528 min Scan# 244
Delta R.T. 0.076 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

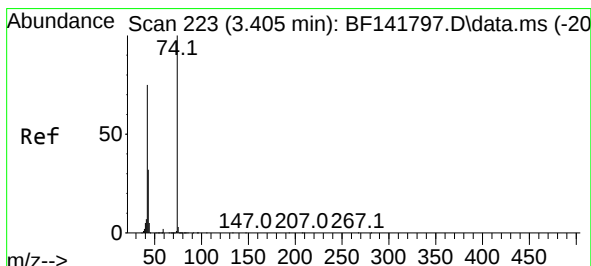
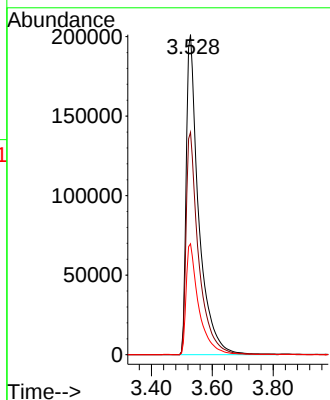
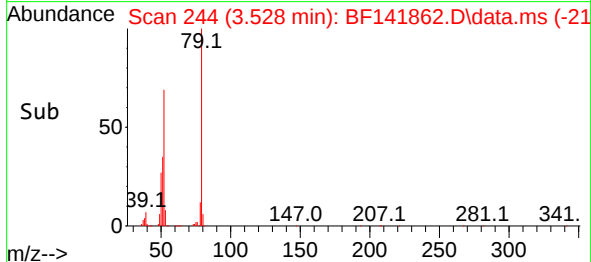
Instrument :
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ClientSampleId :
PB166982BS



Tgt Ion: 79 Resp: 571968
Ion Ratio Lower Upper
79 100
52 69.5 59.0 88.4
51 34.7 29.0 43.4

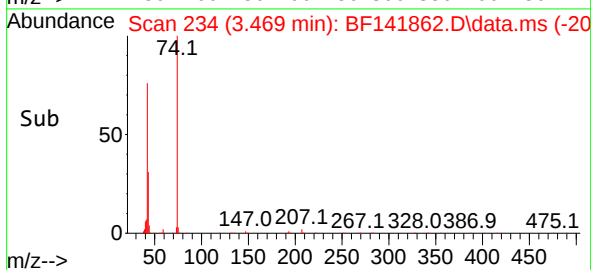
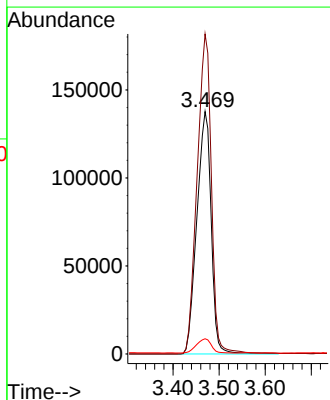
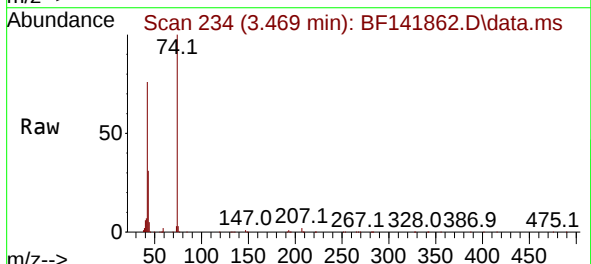
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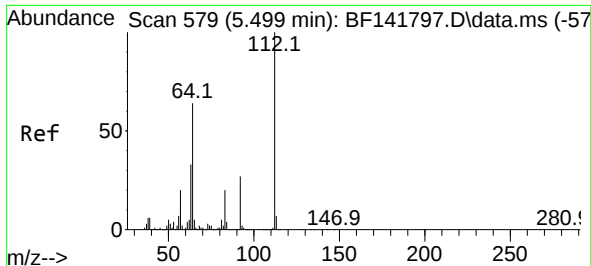
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Supervised By :Jagrut Upadhyay 03/07/2025



#4
n-Nitrosodimethylamine
Concen: 41.770 ng
RT: 3.469 min Scan# 234
Delta R.T. 0.065 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

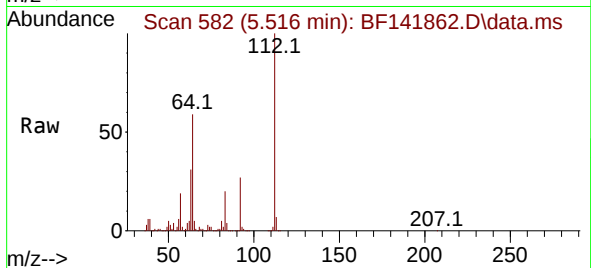
Tgt Ion: 42 Resp: 298504
Ion Ratio Lower Upper
42 100
74 132.0 107.1 160.7
44 6.3 6.6 9.8





#5
2-Fluorophenol
Concen: 130.642 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

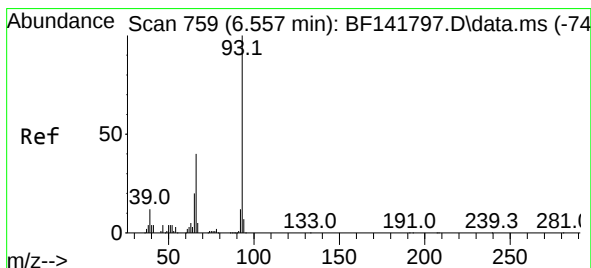
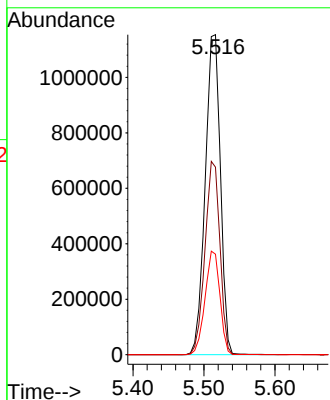
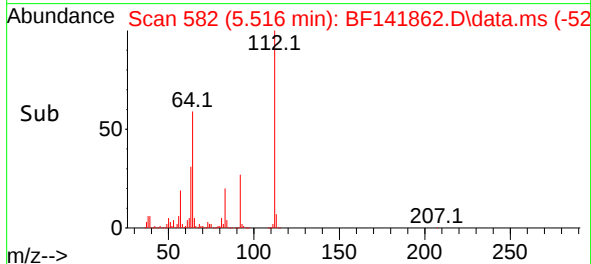
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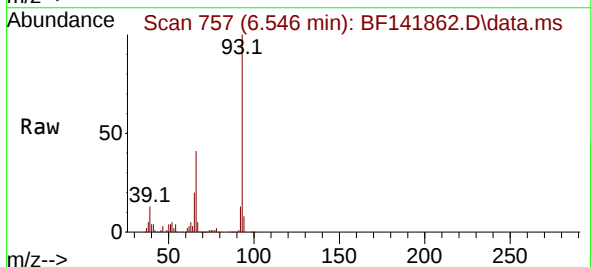
Tgt Ion: 112 Resp: 171868
Ion Ratio Lower Upper
112 100
64 58.6 51.3 76.9
63 31.4 26.2 39.4

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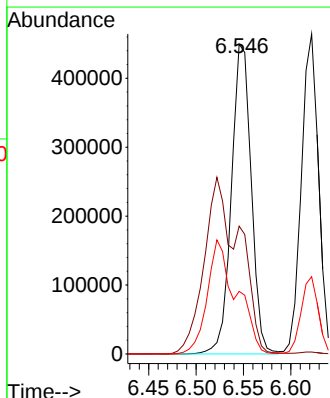
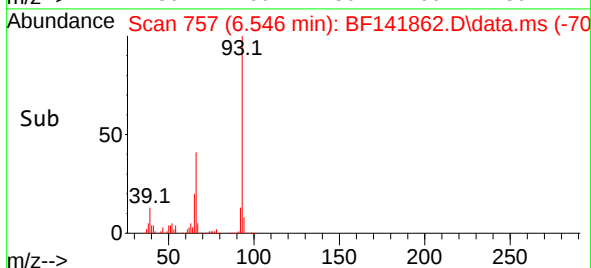
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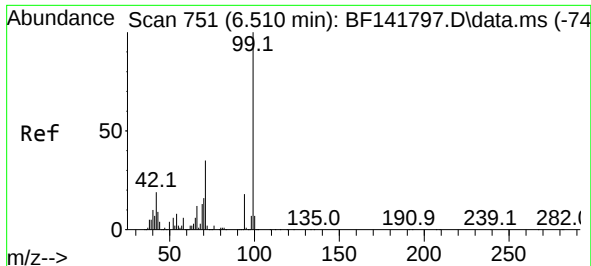


#6
Aniline
Concen: 36.784 ng
RT: 6.546 min Scan# 757
Delta R.T. -0.012 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51



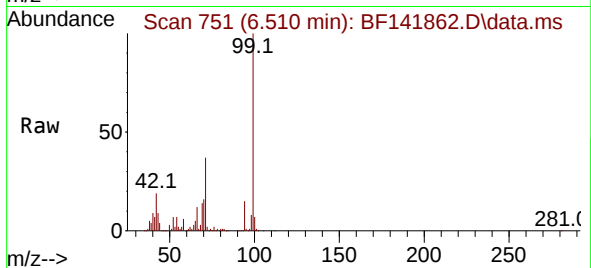
Tgt Ion: 93 Resp: 654827
Ion Ratio Lower Upper
93 100
66 41.2 32.3 48.5
65 20.2 15.9 23.9





#7
Phenol-d6
Concen: 124.468 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

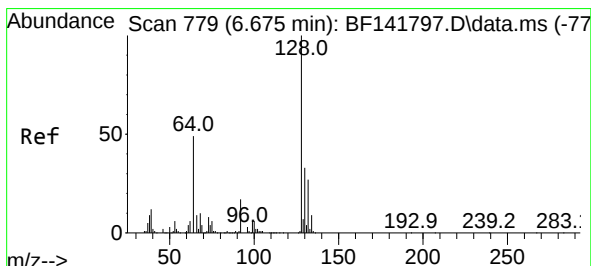
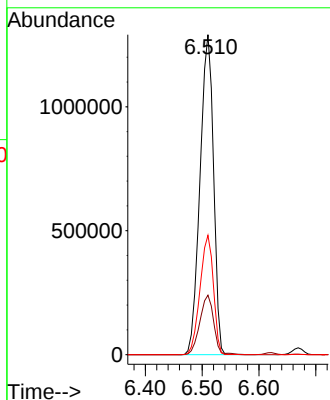
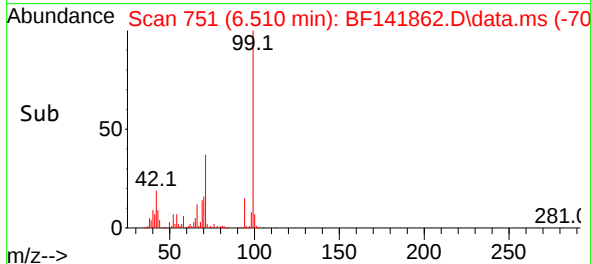
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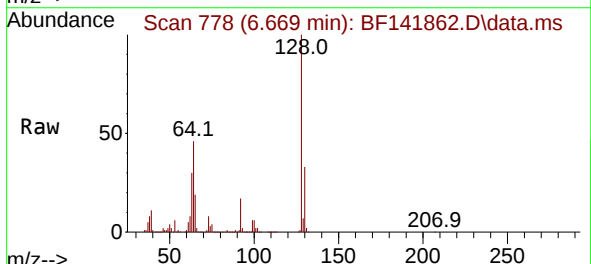
Tgt Ion: 99 Resp: 2131309
Ion Ratio Lower Upper
99 100
42 18.6 15.2 22.8
71 37.3 28.2 42.2

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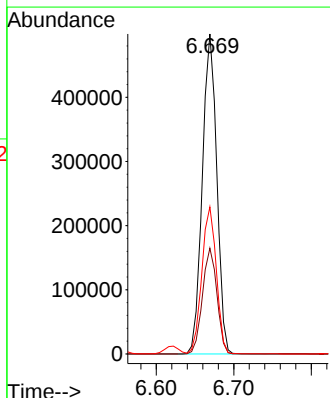
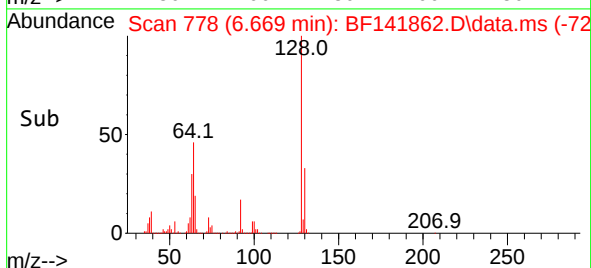
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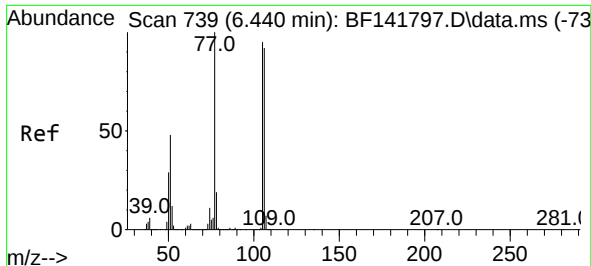


#8
2-Chlorophenol
Concen: 45.401 ng
RT: 6.669 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51



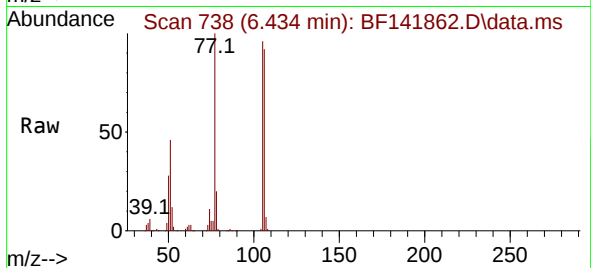
Tgt Ion:128 Resp: 646113
Ion Ratio Lower Upper
128 100
130 33.1 12.6 52.6
64 46.0 31.1 71.1





#9
Benzaldehyde
Concen: 23.339 ng
RT: 6.434 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF141862.D
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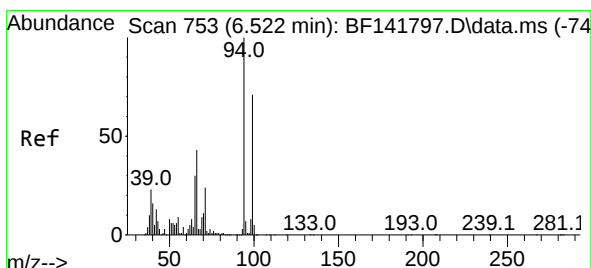
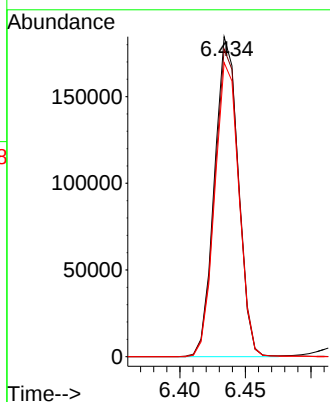
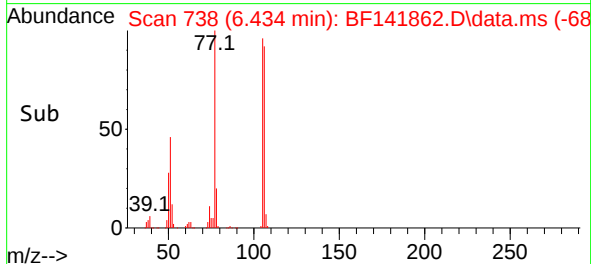
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Tgt Ion: 77 Resp: 232462
Ion Ratio Lower Upper
77 100
105 96.2 75.3 115.3
106 91.9 72.3 112.3

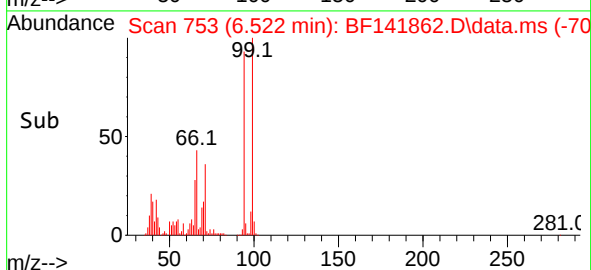
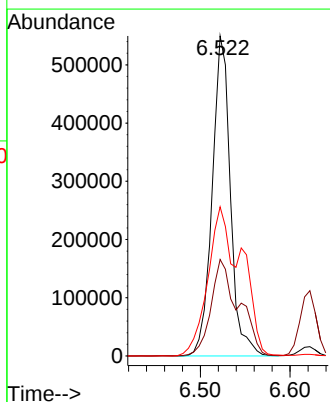
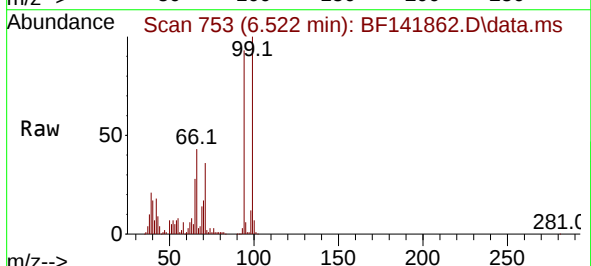
Manual Integrations
APPROVED

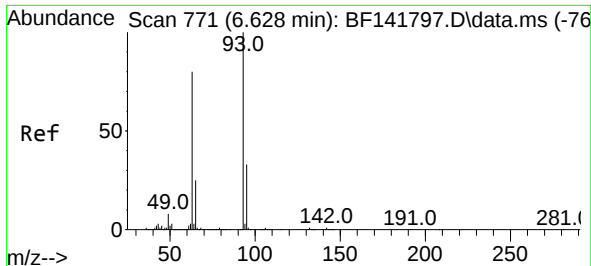
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#10
Phenol
Concen: 42.379 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

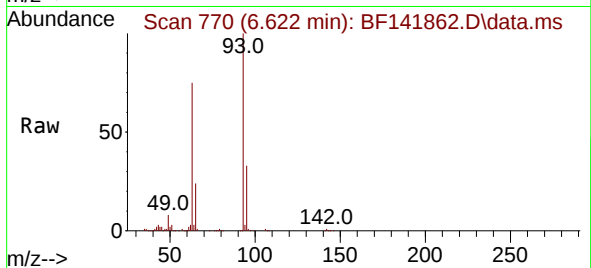
Tgt Ion: 94 Resp: 775445
Ion Ratio Lower Upper
94 100
65 30.1 10.2 50.2
66 46.6 23.2 63.2





#11
bis(2-Chloroethyl)ether
Concen: 41.908 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

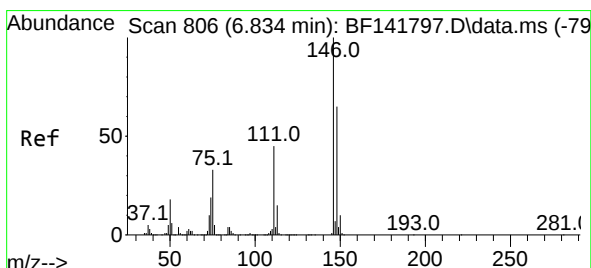
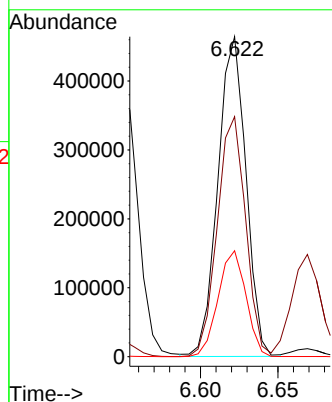
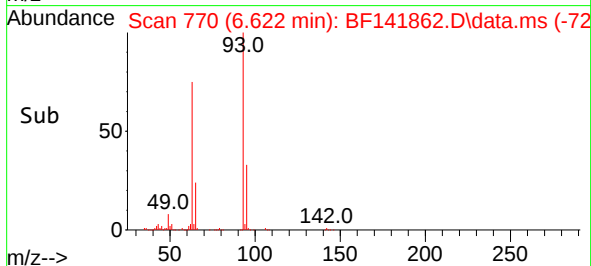
Instrument :
BNA_F
ClientSampleId :
PB166982BS



Tgt Ion: 93 Resp: 584519
Ion Ratio Lower Upper
93 100
63 75.0 59.3 99.3
95 33.1 13.2 53.2

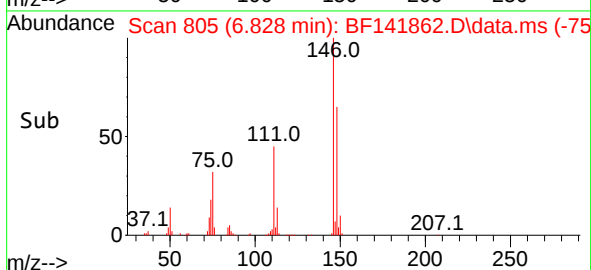
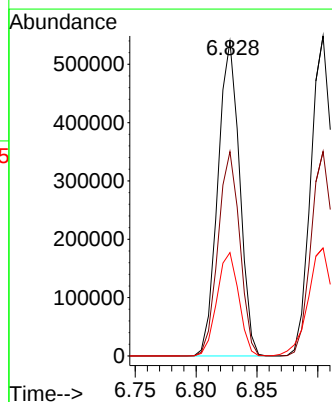
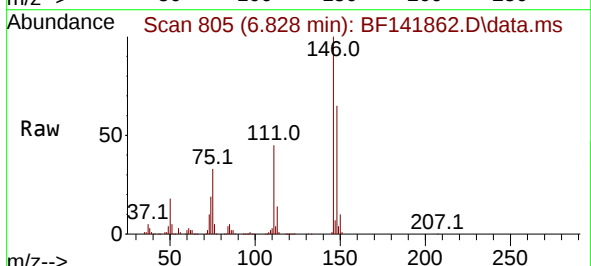
Manual Integrations
APPROVED

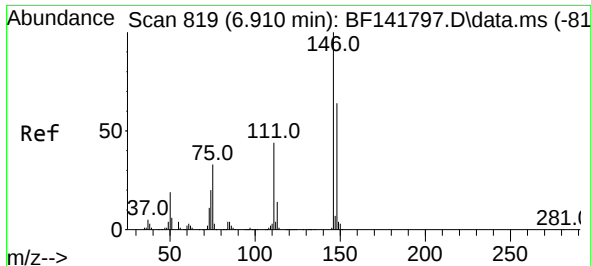
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#12
1,3-Dichlorobenzene
Concen: 44.028 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

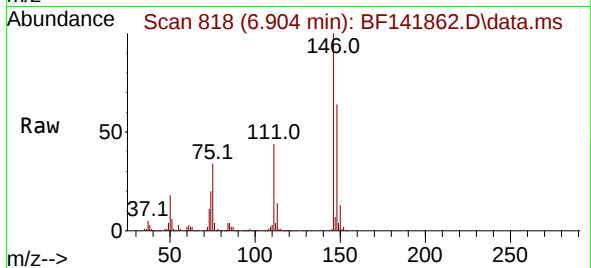
Tgt Ion:146 Resp: 671014
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.6
75 32.8 26.2 39.4





#13
1,4-Dichlorobenzene
Concen: 44.340 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

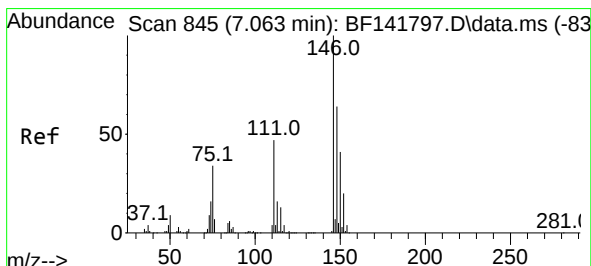
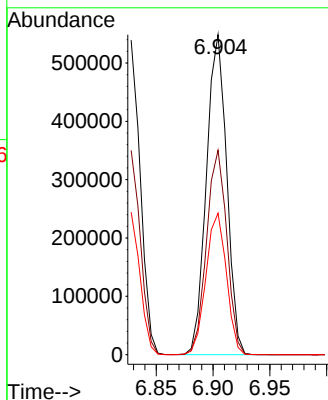
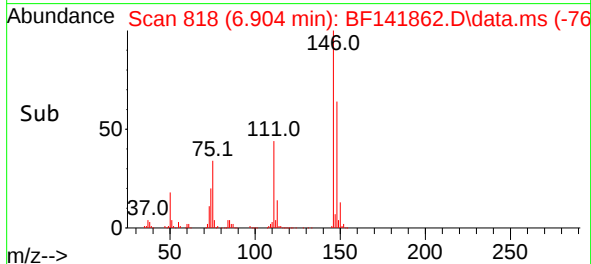
Instrument :
BNA_F
ClientSampleId :
PB166982BS



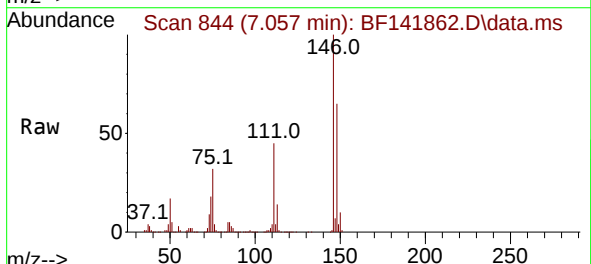
Tgt Ion:146 Resp: 680898
Ion Ratio Lower Upper
146 100
148 63.9 51.4 77.2
111 44.2 35.5 53.3

Manual Integrations
APPROVED

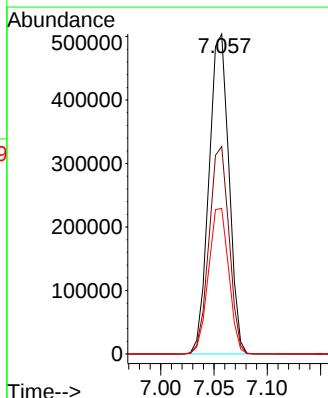
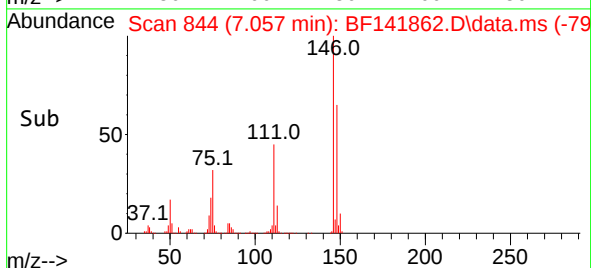
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025

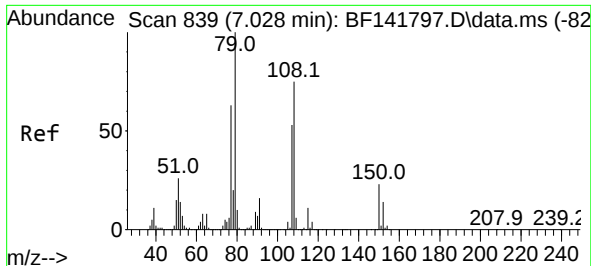


#14
1,2-Dichlorobenzene
Concen: 45.806 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51



Tgt Ion:146 Resp: 656843
Ion Ratio Lower Upper
146 100
148 64.8 51.2 76.8
111 45.5 37.8 56.6





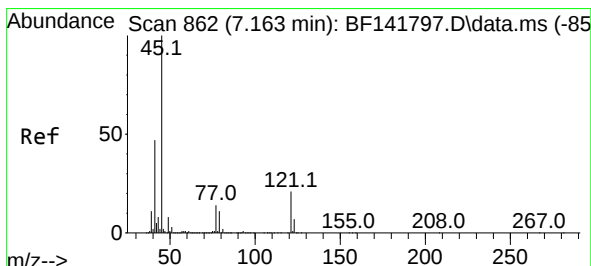
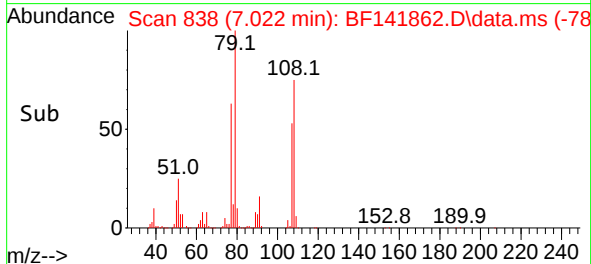
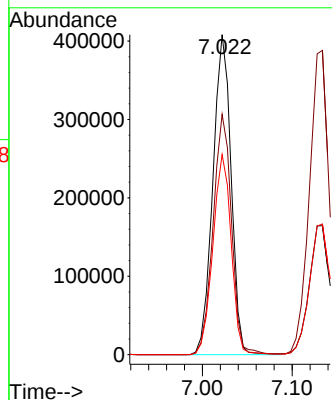
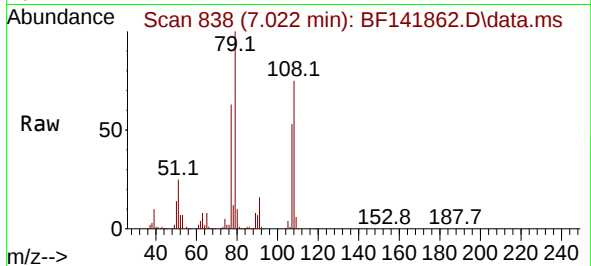
#15
Benzyl Alcohol
Concen: 42.099 ng
RT: 7.022 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Instrument :
BNA_F
ClientSampleId :
PB166982BS

Tgt Ion: 79 Resp: 57612
Ion Ratio Lower Upper
79 100
108 75.1 60.2 90.2
77 62.5 50.2 75.2

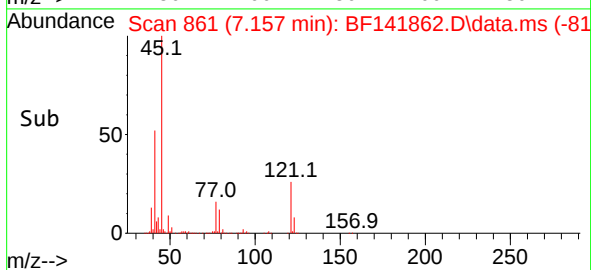
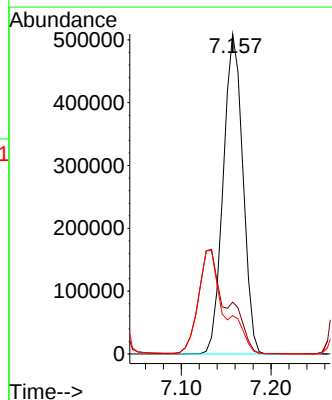
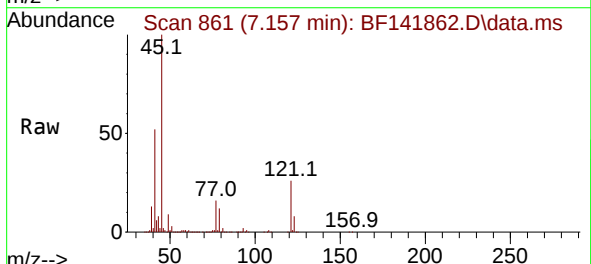
Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.433 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Tgt Ion: 45 Resp: 771714
Ion Ratio Lower Upper
45 100
77 16.2 0.0 34.4
79 12.0 0.0 30.9





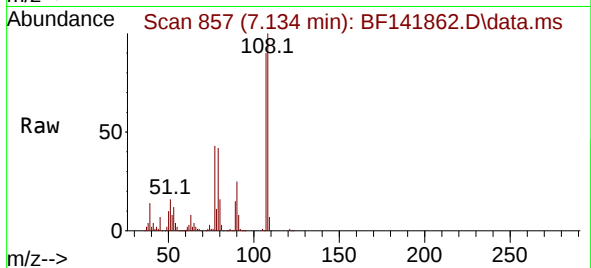
#17
2-Methylphenol
Concen: 44.307 ng
RT: 7.134 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Instrument :

BNA_F

ClientSampleId :

PB166982BS

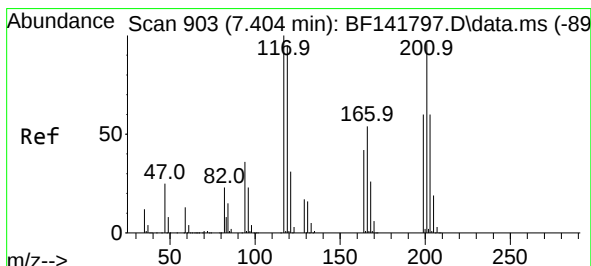
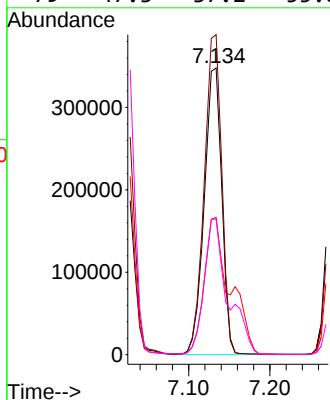
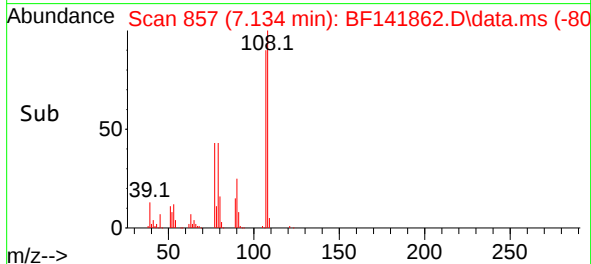


Tgt Ion:107 Resp: 520475
Ion Ratio Lower Upper
107 100
108 111.6 90.6 135.8
77 47.9 37.7 56.5
79 47.3 37.2 55.8

Manual Integrations

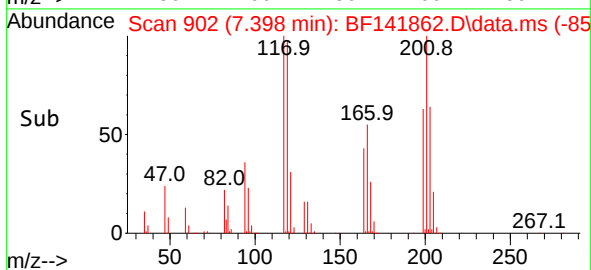
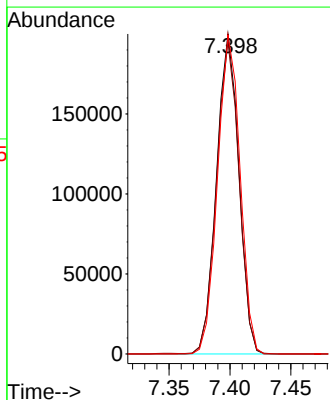
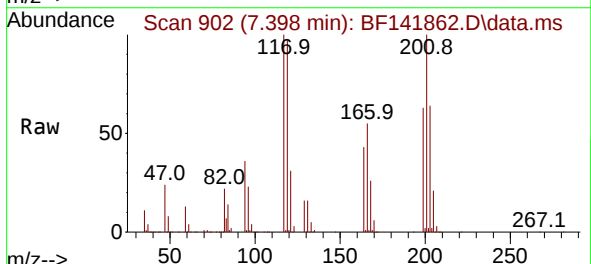
APPROVED

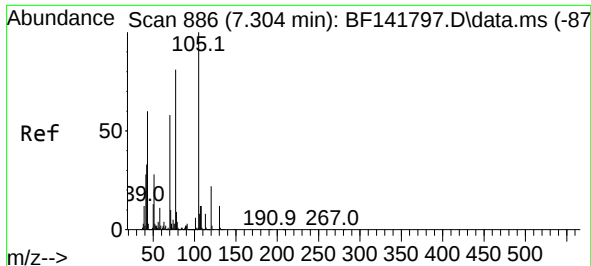
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#18
Hexachloroethane
Concen: 44.509 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Tgt Ion:117 Resp: 255823
Ion Ratio Lower Upper
117 100
119 97.5 75.8 113.8
201 99.7 76.7 115.1





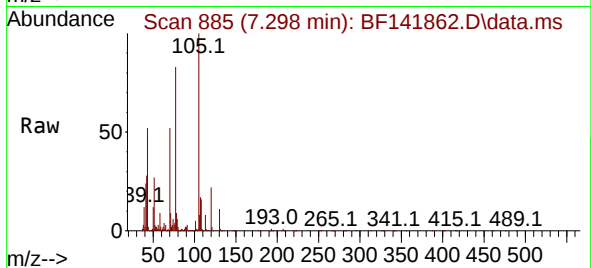
#19
n-Nitroso-di-n-propylamine
Concen: 39.657 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Instrument :

BNA_F

ClientSampleId :

PB166982BS

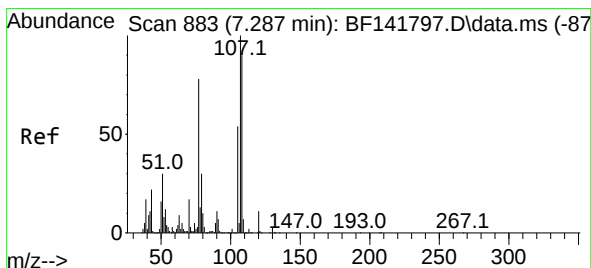
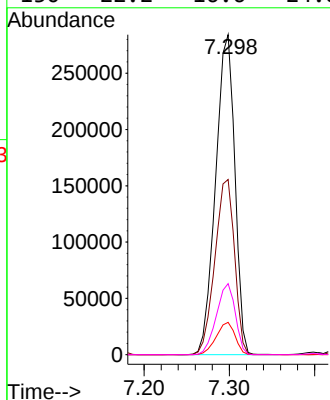
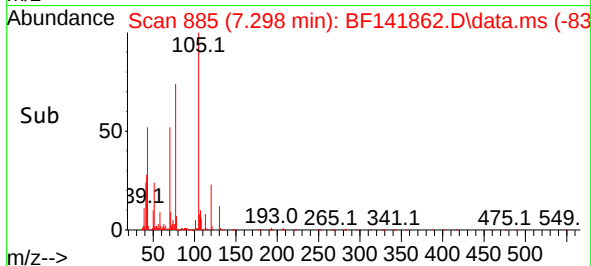


Tgt Ion: 70 Resp: 44639
Ion Ratio Lower Upper
70 100
42 54.7 45.4 68.0
101 10.1 7.8 11.8
130 22.2 16.6 24.8

Manual Integrations

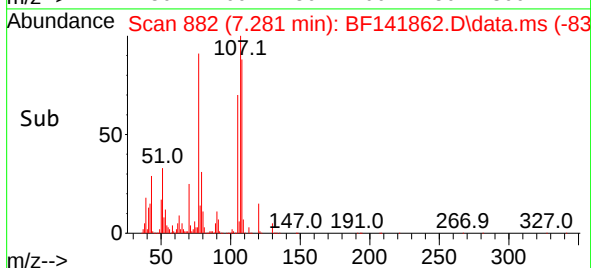
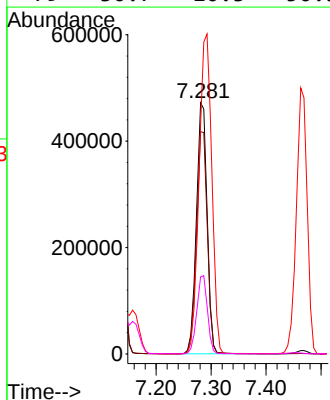
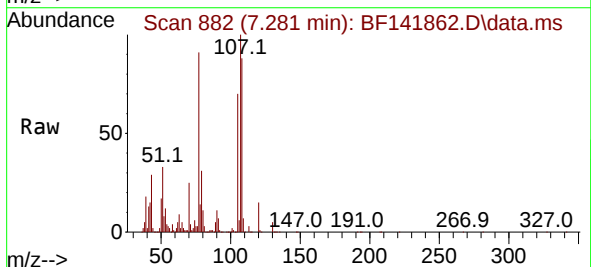
APPROVED

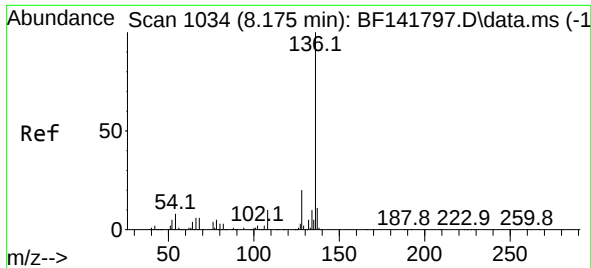
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#20
3+4-Methylphenols
Concen: 43.683 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Tgt Ion:107 Resp: 638973
Ion Ratio Lower Upper
107 100
108 88.5 69.7 109.7
77 91.2 58.3 98.3
79 30.7 10.3 50.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Instrument :

BNA_F

ClientSampleId :

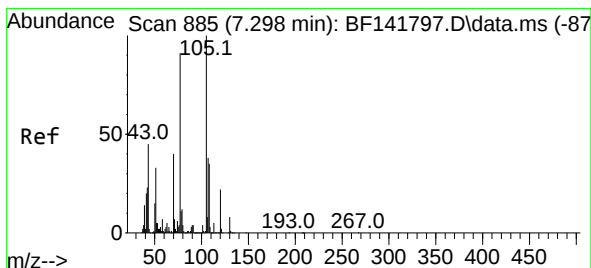
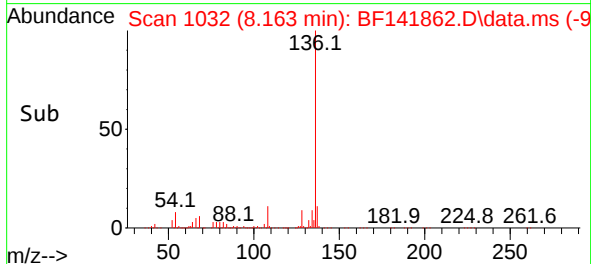
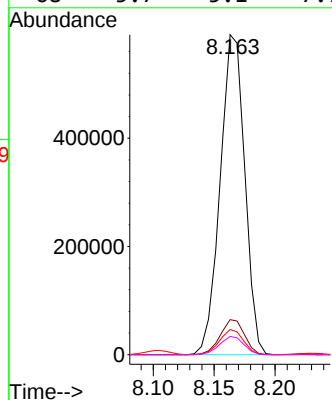
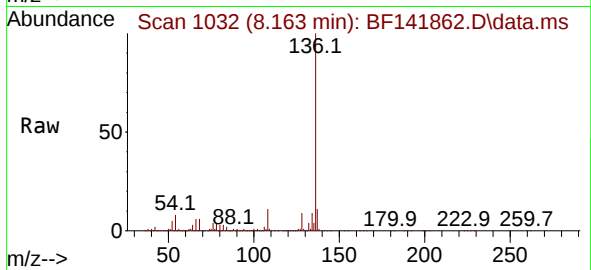
PB166982BS

Tgt Ion:136 Resp: 832298
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.8 6.9 10.3
68 5.7 5.1 7.7

Manual Integrations

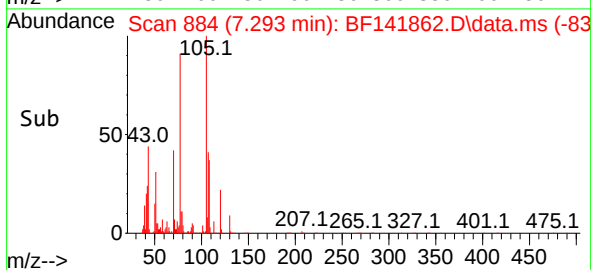
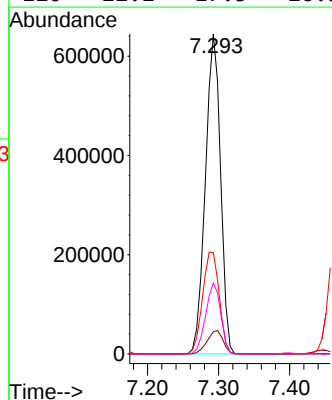
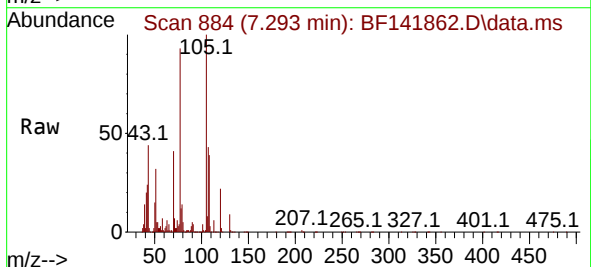
APPROVED

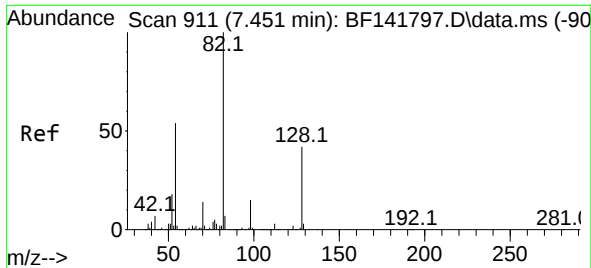
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#22
Acetophenone
Concen: 47.133 ng
RT: 7.293 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Tgt Ion:105 Resp: 955429
Ion Ratio Lower Upper
105 100
71 6.9 5.4 8.0
51 31.7 26.1 39.1
120 22.2 17.5 26.3





#23

Nitrobenzene-d5

Concen: 109.429 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF141862.D

Acq: 06 Mar 2025 11:51

Instrument :

BNA_F

ClientSampleId :

PB166982BS

Tgt Ion: 82 Resp: 142486

Ion Ratio Lower Upper

82 100

128 44.2 33.5 50.3

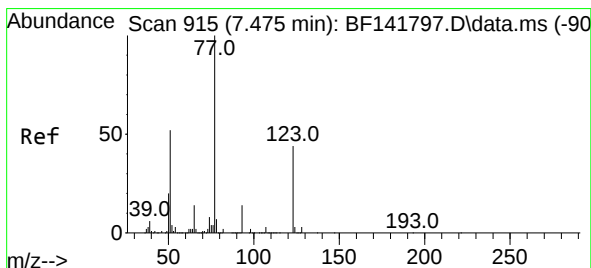
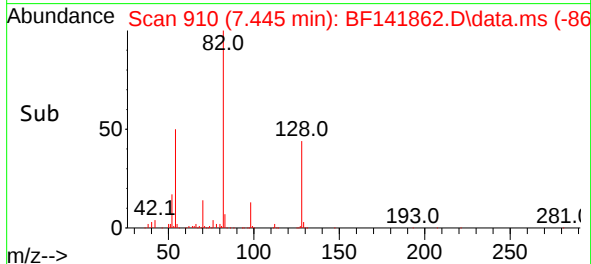
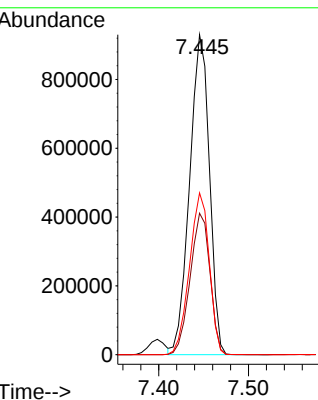
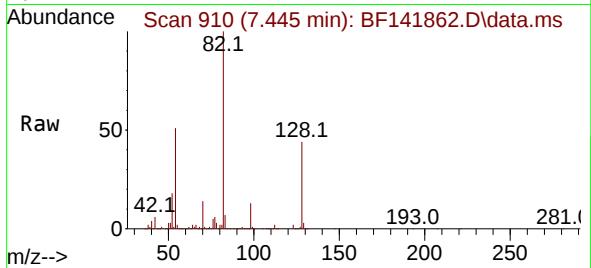
54 50.5 42.7 64.1

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/07/2025

Supervised By :Jagrut Upadhyay 03/07/2025



#24

Nitrobenzene

Concen: 48.949 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.012 min

Lab File: BF141862.D

Acq: 06 Mar 2025 11:51

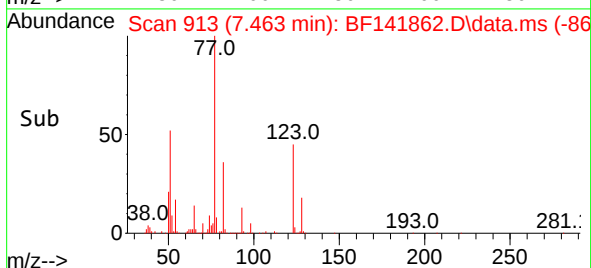
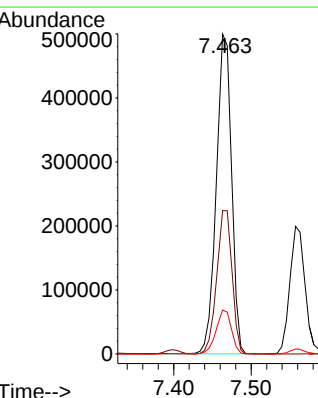
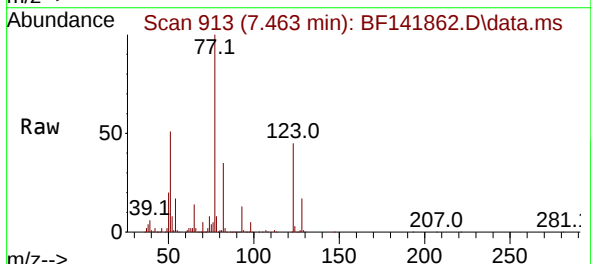
Tgt Ion: 77 Resp: 682517

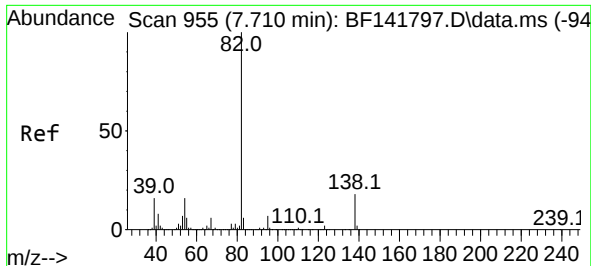
Ion Ratio Lower Upper

77 100

123 44.8 35.8 53.8

65 13.8 11.2 16.8





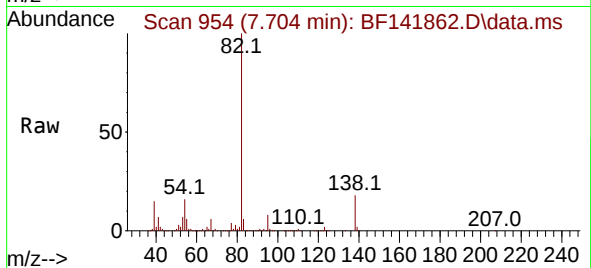
#25
Isophorone
Concen: 43.587 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Instrument :

BNA_F

ClientSampleId :

PB166982BS

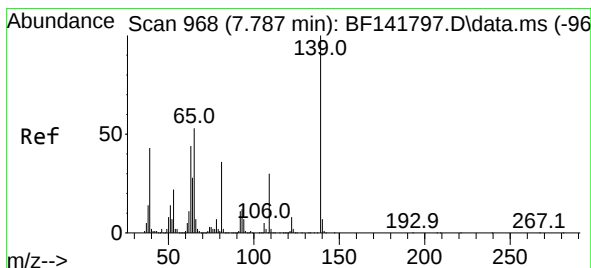
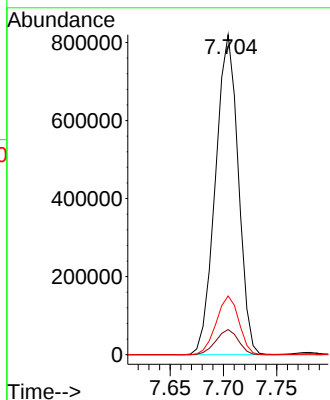
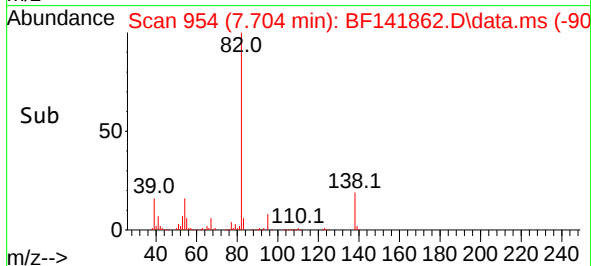


Tgt Ion: 82 Resp: 121927
Ion Ratio Lower Upper
82 100
95 7.8 5.8 8.8
138 18.4 14.0 21.0

Manual Integrations

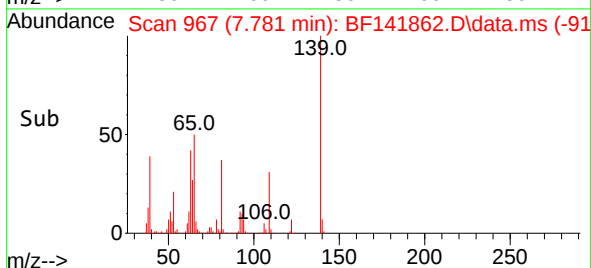
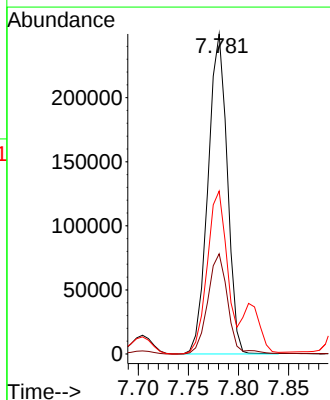
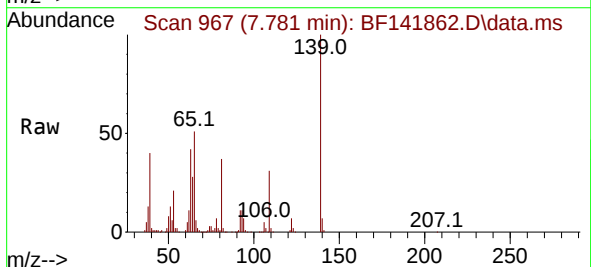
APPROVED

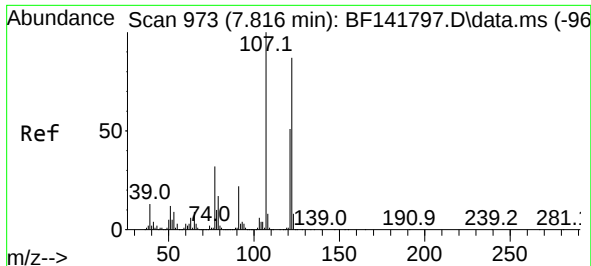
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#26
2-Nitrophenol
Concen: 53.102 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

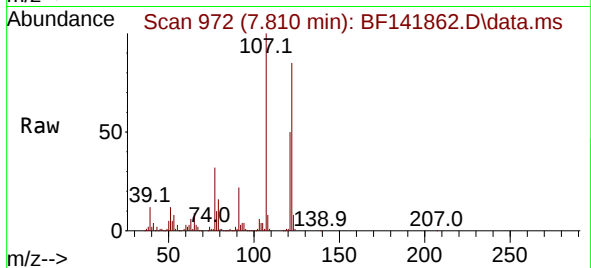
Tgt Ion:139 Resp: 334090
Ion Ratio Lower Upper
139 100
109 31.3 24.1 36.1
65 50.9 42.3 63.5





#27
2,4-Dimethylphenol
Concen: 54.921 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

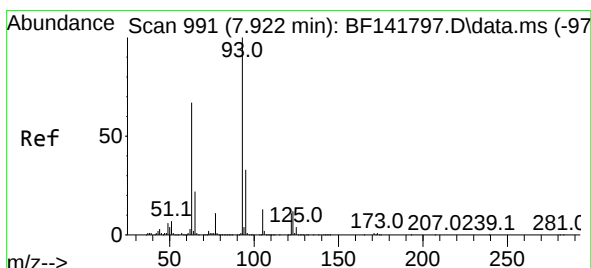
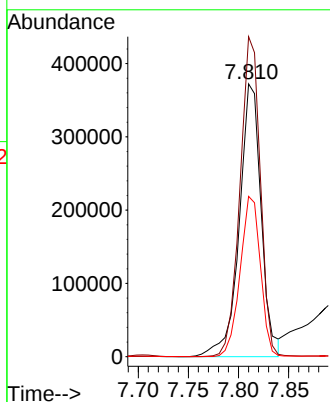
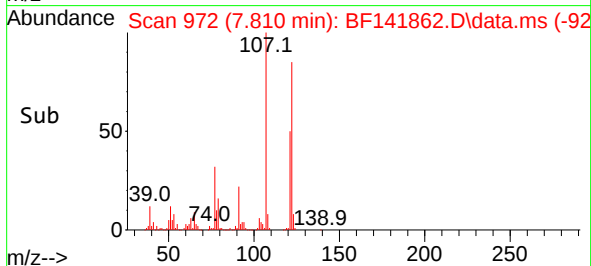
Instrument :
BNA_F
ClientSampleId :
PB166982BS



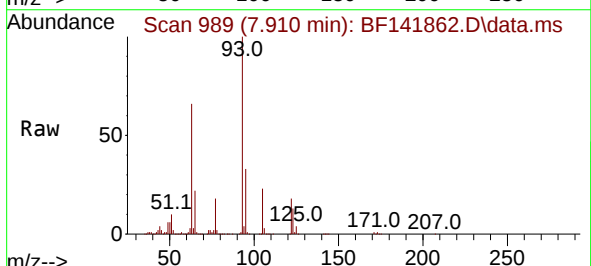
Tgt Ion:122 Resp: 56474
Ion Ratio Lower Upper
122 100
107 117.3 92.5 138.7
121 58.8 47.1 70.7

Manual Integrations
APPROVED

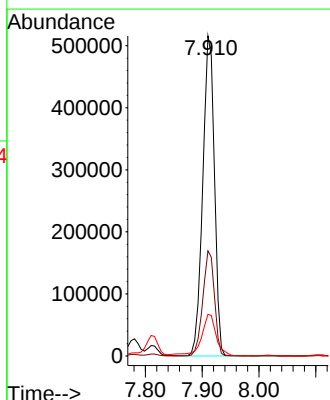
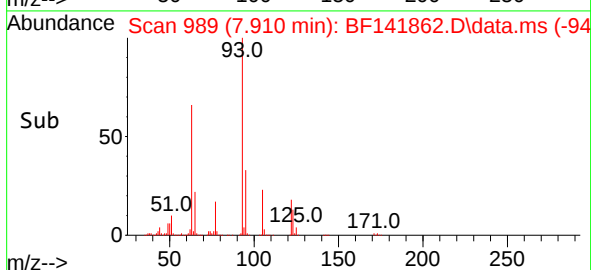
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025

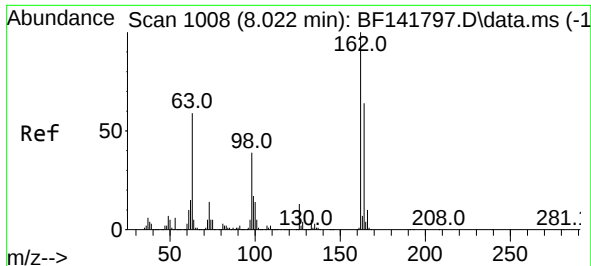


#28
bis(2-Chloroethoxy)methane
Concen: 41.203 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.012 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51



Tgt Ion: 93 Resp: 735247
Ion Ratio Lower Upper
93 100
95 32.8 26.5 39.7
123 13.0 10.0 15.0





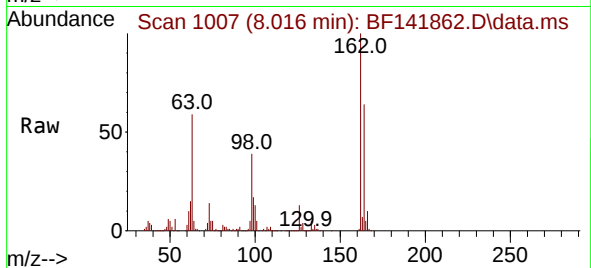
#29
2,4-Dichlorophenol
Concen: 44.919 ng
RT: 8.016 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Instrument :

BNA_F

ClientSampleId :

PB166982BS

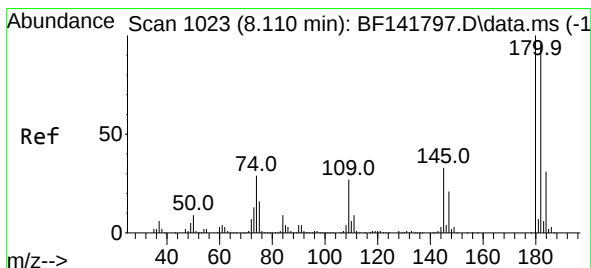
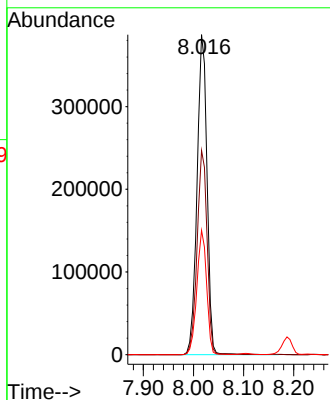
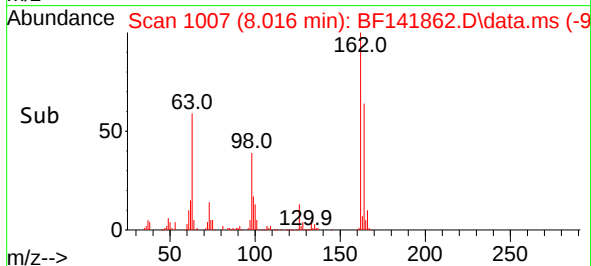


Tgt Ion:162 Resp: 532860
Ion Ratio Lower Upper
162 100
164 63.8 44.3 84.3
98 38.8 19.6 59.6

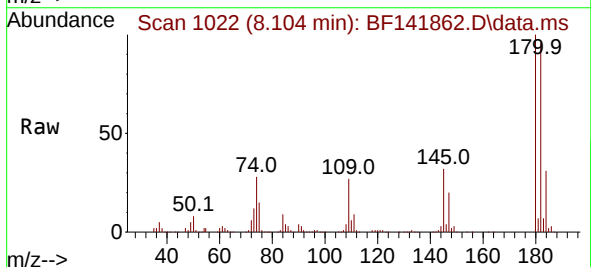
Manual Integrations

APPROVED

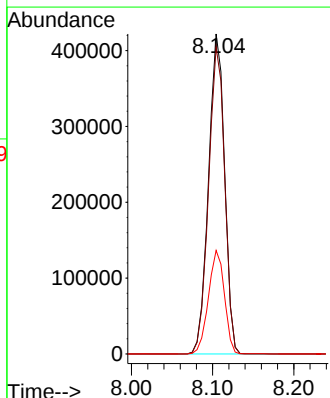
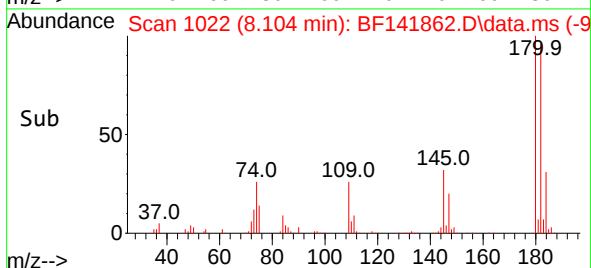
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025

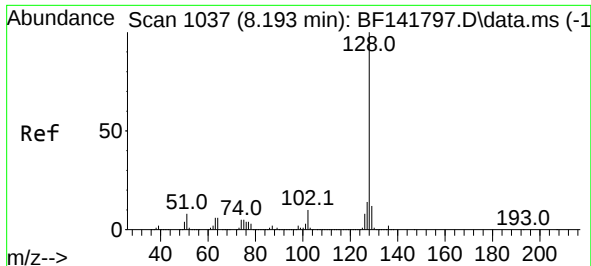


#30
1,2,4-Trichlorobenzene
Concen: 44.605 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51



Tgt Ion:180 Resp: 579819
Ion Ratio Lower Upper
180 100
182 95.9 76.8 115.2
145 32.4 26.4 39.6





#31
Naphthalene
Concen: 43.170 ng
RT: 8.187 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Instrument :

BNA_F

ClientSampleId :

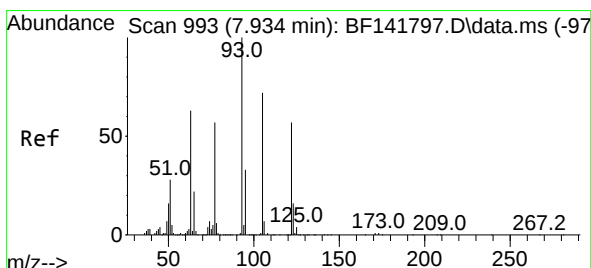
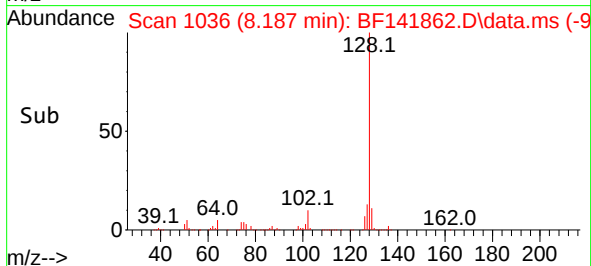
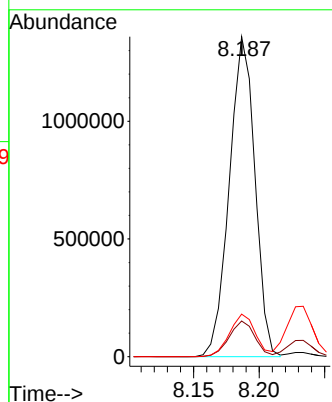
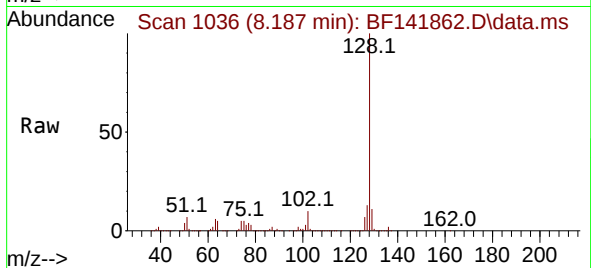
PB166982BS

Tgt Ion:128 Resp: 1846658
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.3 11.0 16.4

Manual Integrations

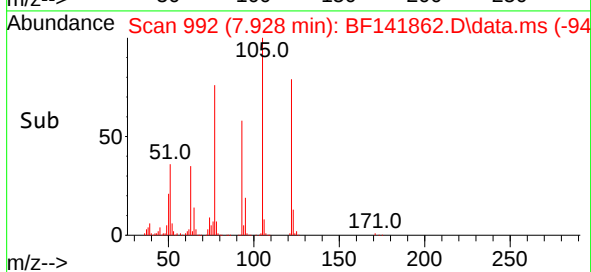
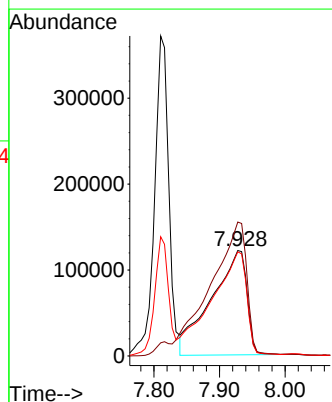
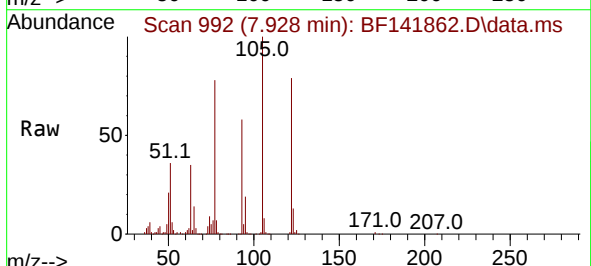
APPROVED

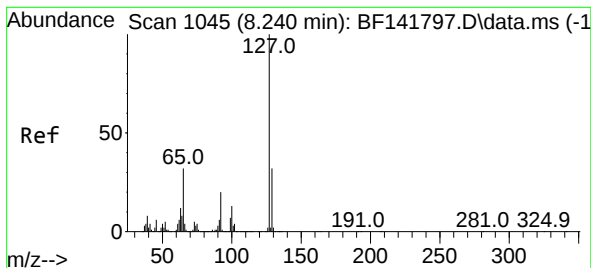
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#32
Benzoic acid
Concen: 52.276 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Tgt Ion:122 Resp: 455664
Ion Ratio Lower Upper
122 100
105 127.1 105.8 145.8
77 98.8 79.9 119.9





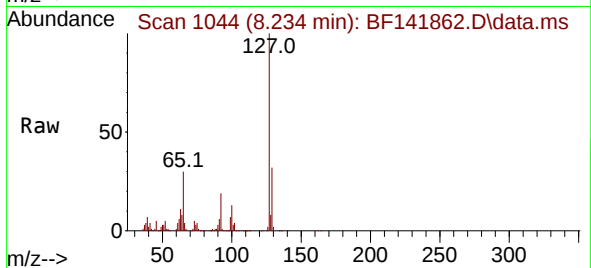
#33
4-Chloroaniline
Concen: 19.726 ng
RT: 8.234 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Instrument :

BNA_F

ClientSampleId :

PB166982BS

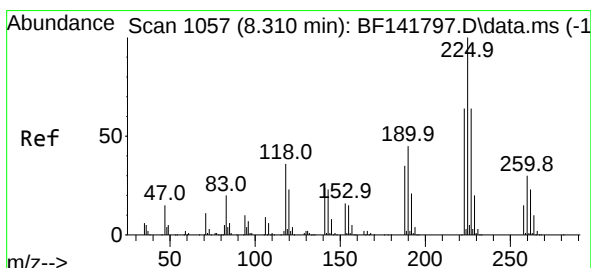
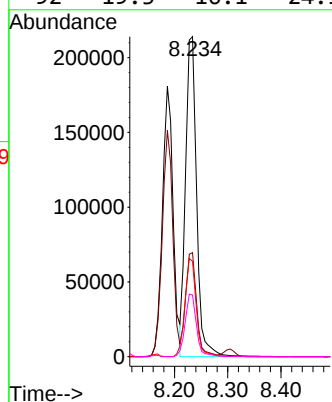
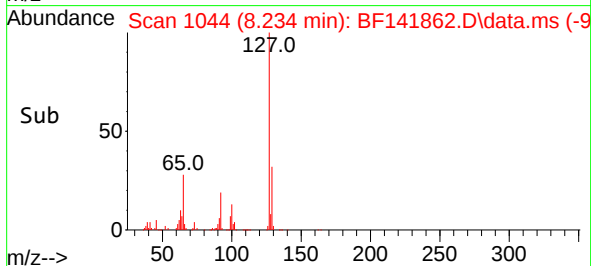


Tgt Ion:127 Resp: 30938
Ion Ratio Lower Upper
127 100
129 32.5 26.1 39.1
65 29.8 25.7 38.5
92 19.3 16.1 24.1

Manual Integrations

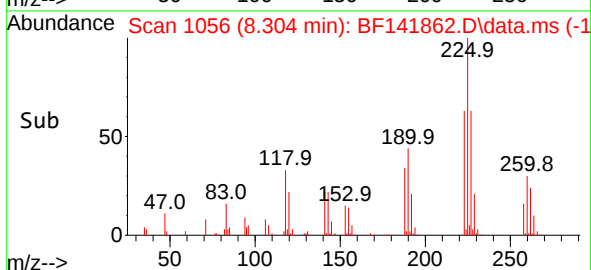
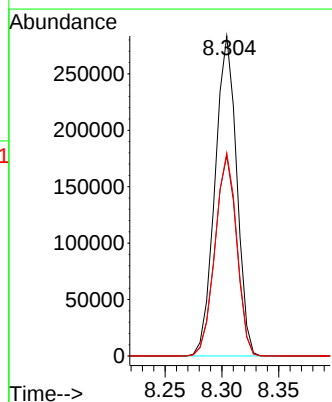
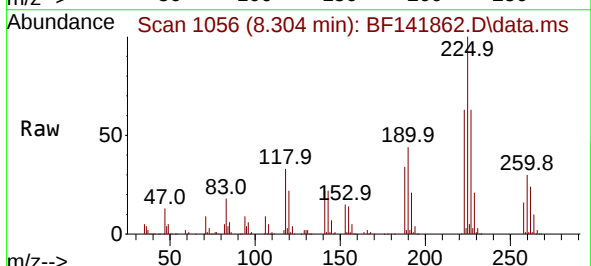
APPROVED

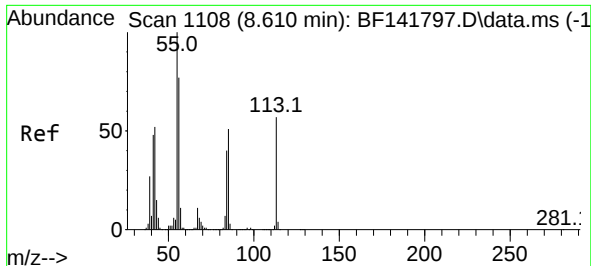
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#34
Hexachlorobutadiene
Concen: 46.581 ng
RT: 8.304 min Scan# 1056
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

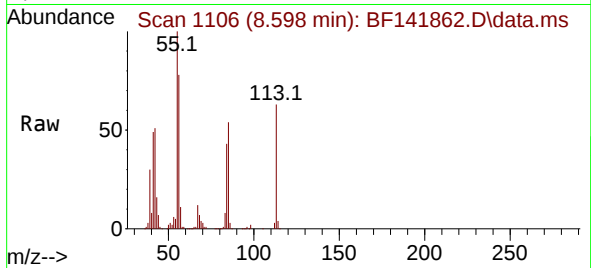
Tgt Ion:225 Resp: 376266
Ion Ratio Lower Upper
225 100
223 62.6 51.4 77.2
227 63.5 51.6 77.4





#35
Caprolactam
Concen: 52.349 ng m
RT: 8.598 min Scan# 1106
Delta R.T. -0.012 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

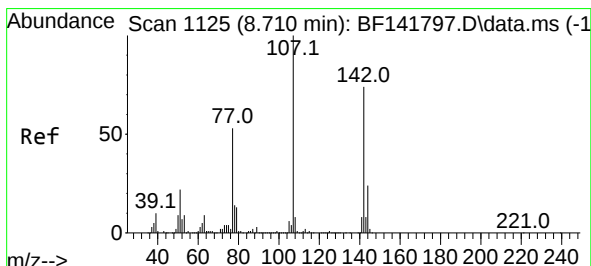
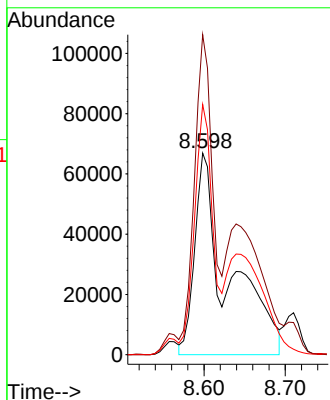
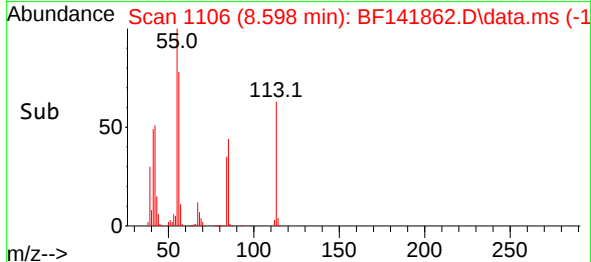
Instrument :
BNA_F
ClientSampleId :
PB166982BS



Tgt Ion:113 Resp: 191039
Ion Ratio Lower Upper
113 100
55 158.7 155.6 195.6
56 124.1 114.6 154.6

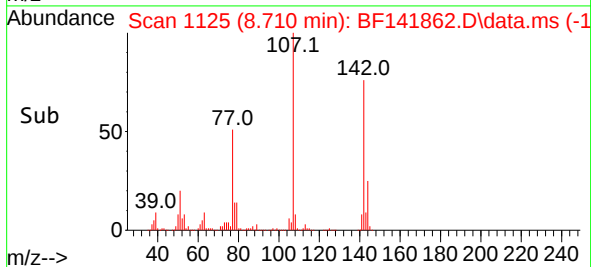
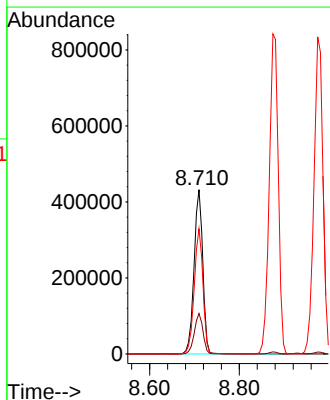
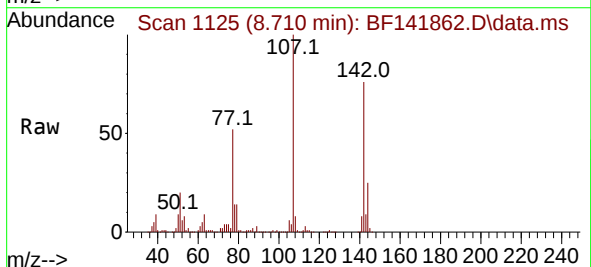
Manual Integrations
APPROVED

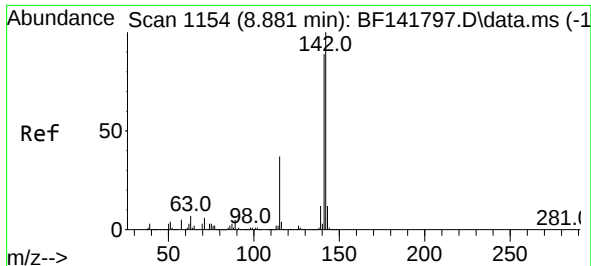
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#36
4-Chloro-3-methylphenol
Concen: 44.302 ng
RT: 8.710 min Scan# 1125
Delta R.T. -0.000 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

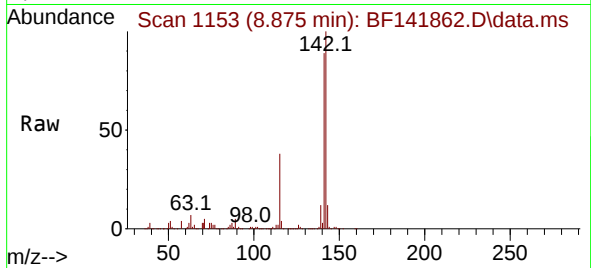
Tgt Ion:107 Resp: 583807
Ion Ratio Lower Upper
107 100
144 24.6 19.4 29.0
142 76.2 59.4 89.0





#37
2-Methylnaphthalene
Concen: 41.824 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

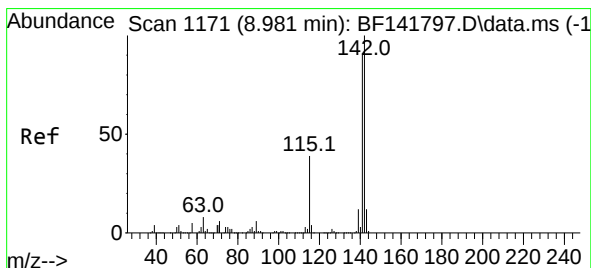
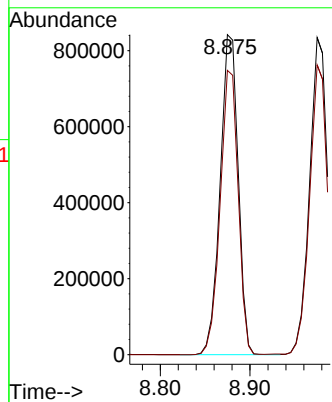
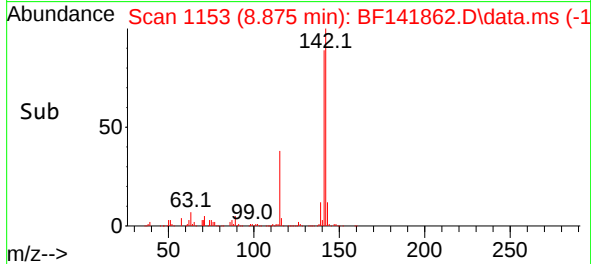
Instrument :
BNA_F
ClientSampleId :
PB166982BS



Tgt Ion:142 Resp: 117348
Ion Ratio Lower Upper
142 100
141 88.9 71.1 106.7

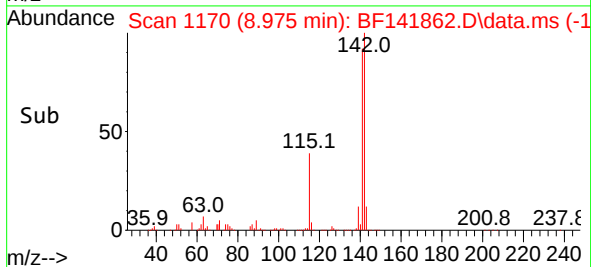
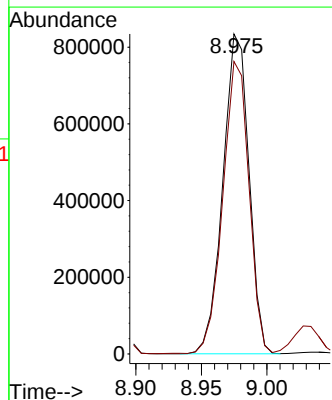
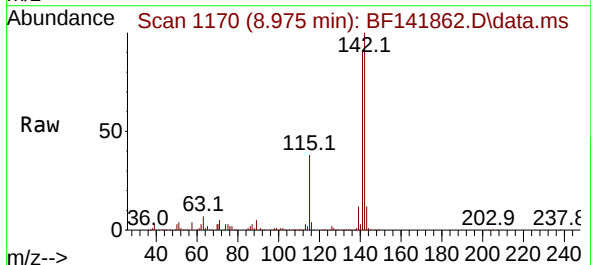
Manual Integrations
APPROVED

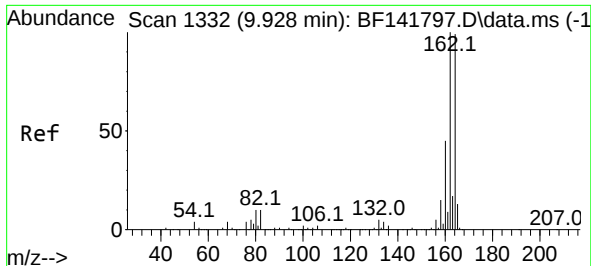
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#38
1-Methylnaphthalene
Concen: 42.897 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

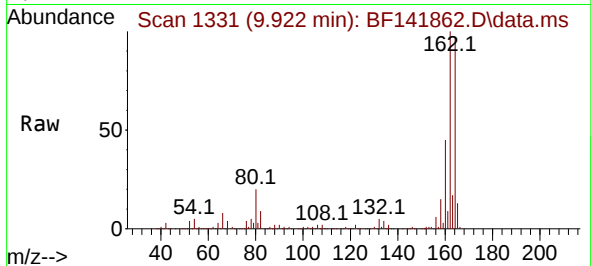
Tgt Ion:142 Resp: 1154869
Ion Ratio Lower Upper
142 100
141 91.4 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 11331
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

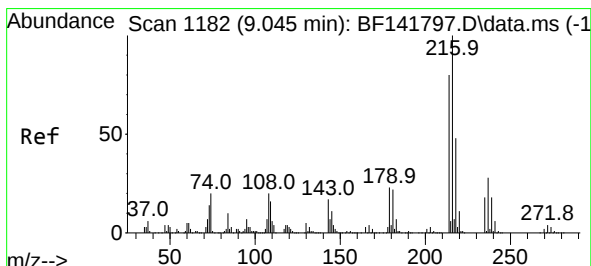
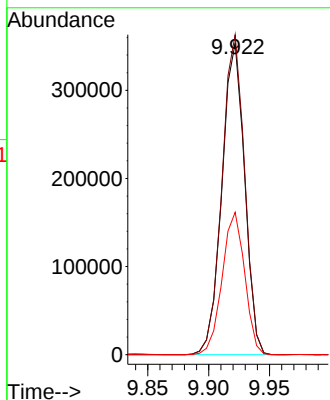
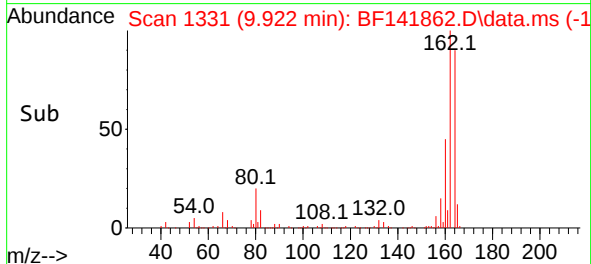
Instrument :
BNA_F
ClientSampleId :
PB166982BS



Tgt Ion:164 Resp: 45682
Ion Ratio Lower Upper
164 100
162 102.7 80.6 120.8
160 45.7 36.3 54.5

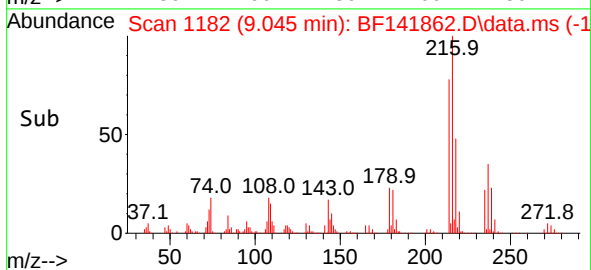
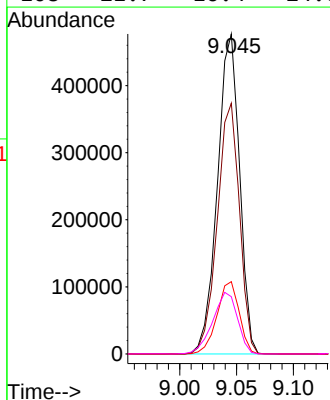
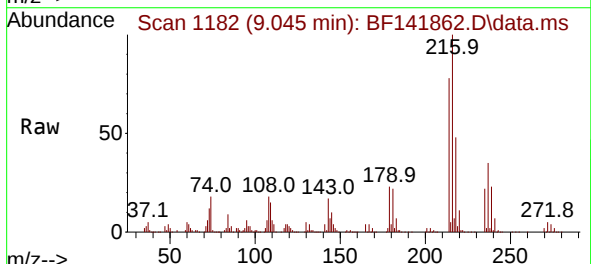
Manual Integrations
APPROVED

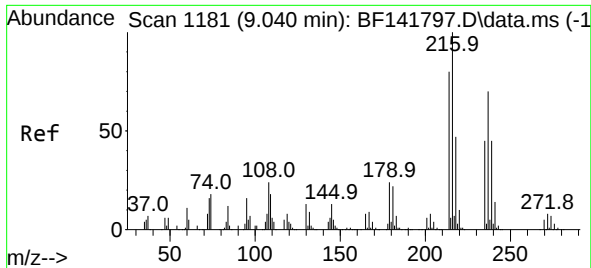
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.928 ng
RT: 9.045 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

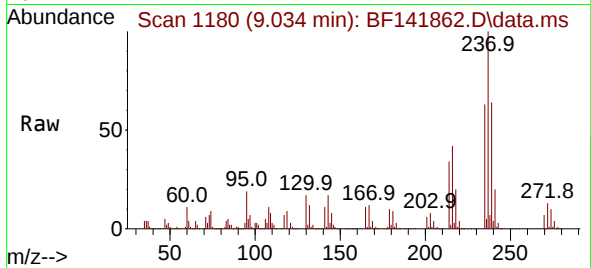
Tgt Ion:216 Resp: 645530
Ion Ratio Lower Upper
216 100
214 78.7 63.5 95.3
179 22.7 18.1 27.1
108 21.7 16.4 24.6





#41
Hexachlorocyclopentadiene
Concen: 157.703 ng
RT: 9.034 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

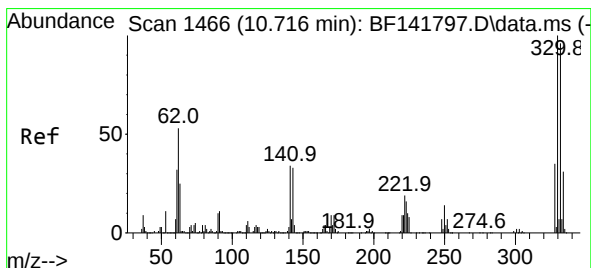
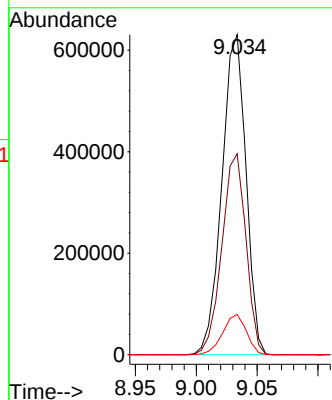
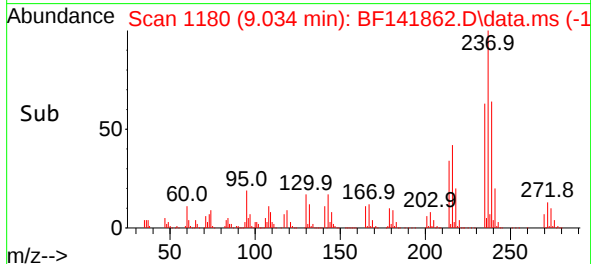
Instrument :
BNA_F
ClientSampleId :
PB166982BS



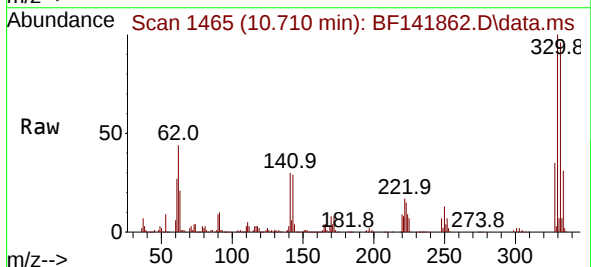
Tgt Ion:237 Resp: 868319
Ion Ratio Lower Upper
237 100
235 62.8 43.3 83.3
272 12.6 0.0 31.9

Manual Integrations
APPROVED

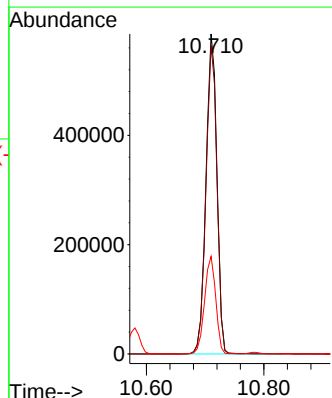
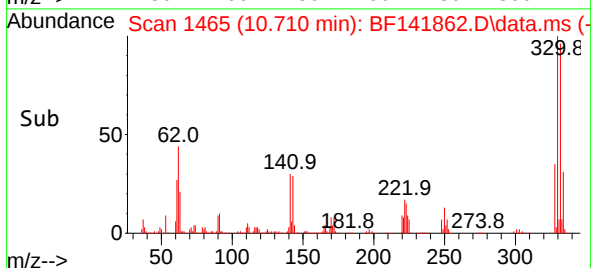
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025

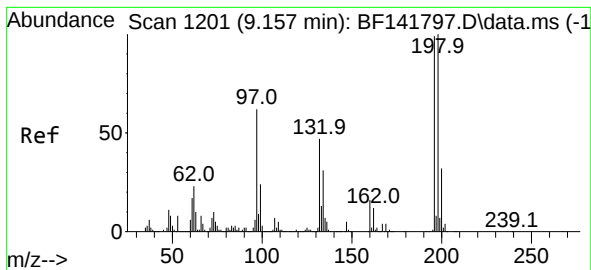


#42
2,4,6-Tribromophenol
Concen: 176.536 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51



Tgt Ion:330 Resp: 757115
Ion Ratio Lower Upper
330 100
332 96.4 76.6 115.0
141 31.1 29.0 43.4





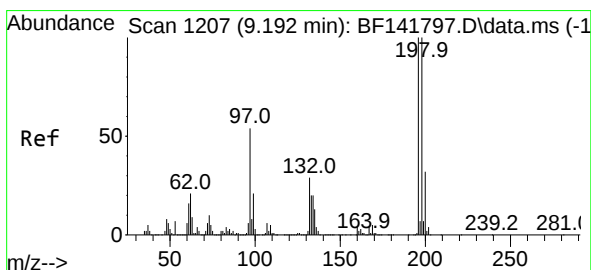
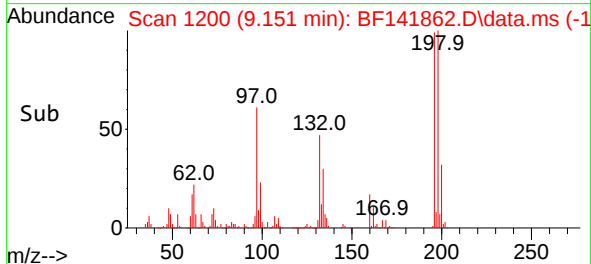
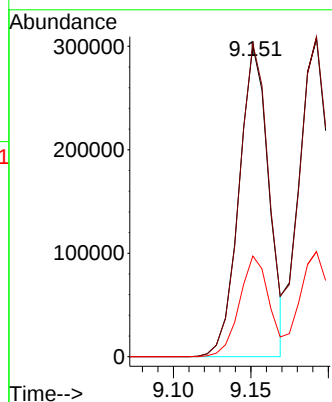
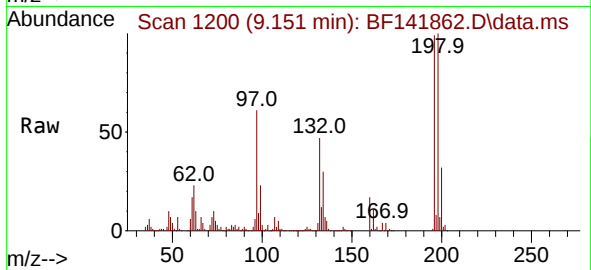
#43
2,4,6-Trichlorophenol
Concen: 46.993 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Instrument :
BNA_F
ClientSampleId :
PB166982BS

Tgt Ion:196 Resp: 400502
Ion Ratio Lower Upper
196 100
198 100.7 80.4 120.6
200 32.4 25.7 38.5

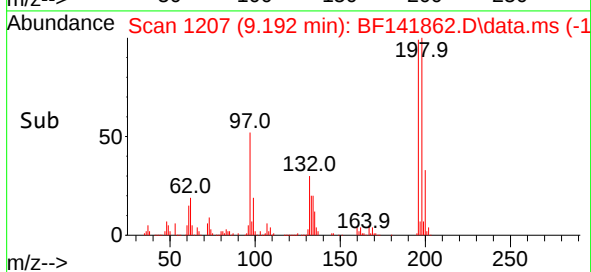
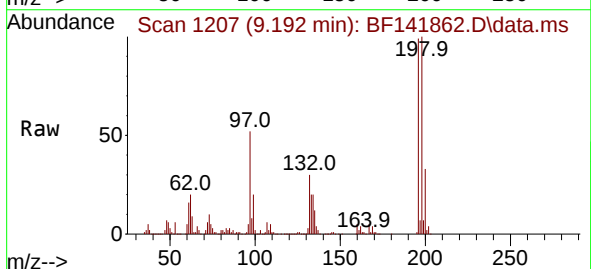
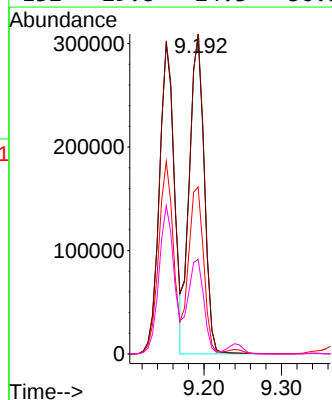
Manual Integrations
APPROVED

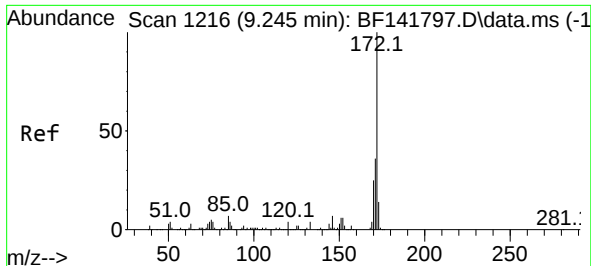
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#44
2,4,5-Trichlorophenol
Concen: 48.574 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Tgt Ion:196 Resp: 409928
Ion Ratio Lower Upper
196 100
198 100.7 79.7 119.5
97 52.6 44.2 66.2
132 29.8 24.3 36.5





#45
2-Fluorobiphenyl
Concen: 94.705 ng
RT: 9.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Instrument :

BNA_F

ClientSampleId :

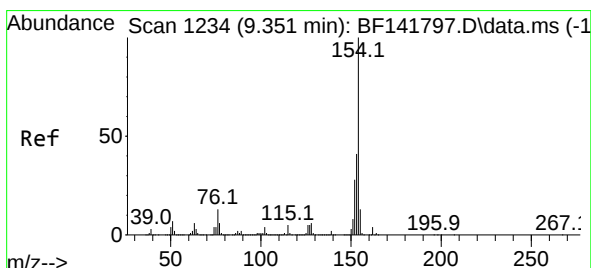
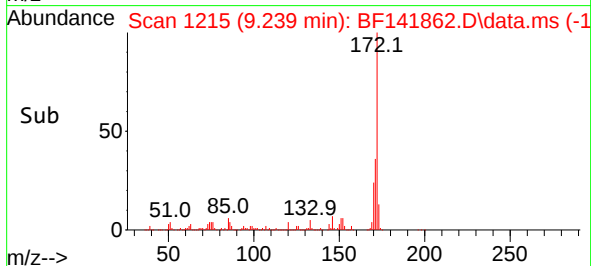
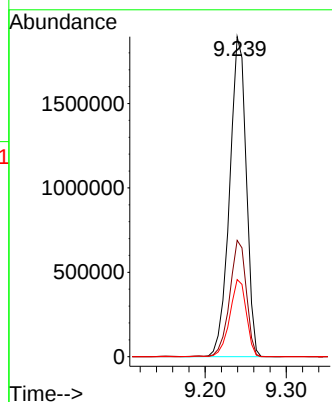
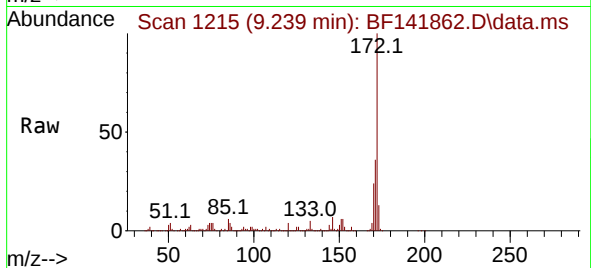
PB166982BS

Tgt Ion:172 Resp: 269814
Ion Ratio Lower Upper
172 100
171 36.4 29.2 43.8
170 24.1 19.7 29.5

Manual Integrations

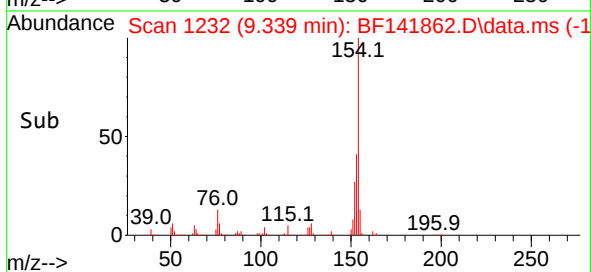
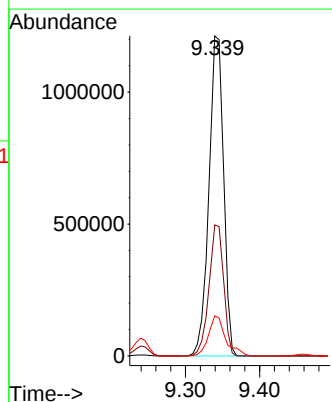
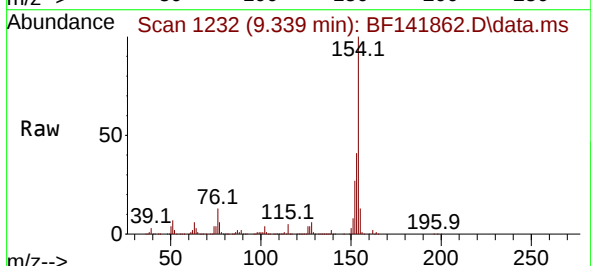
APPROVED

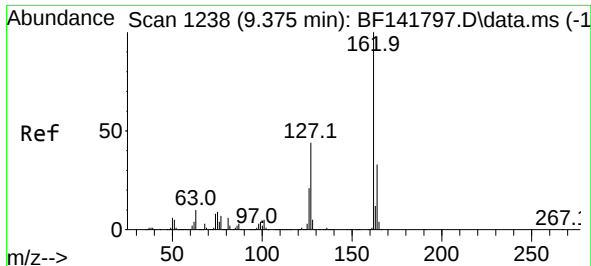
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#46
1,1'-Biphenyl
Concen: 47.926 ng
RT: 9.339 min Scan# 1232
Delta R.T. -0.012 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Tgt Ion:154 Resp: 1666460
Ion Ratio Lower Upper
154 100
153 41.0 21.4 61.4
76 12.6 0.0 33.4





#47

2-Chloronaphthalene

Concen: 44.395 ng

RT: 9.369 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141862.D

Acq: 06 Mar 2025 11:51

Instrument :

BNA_F

ClientSampleId :

PB166982BS

Tgt Ion:162 Resp: 1139340

Ion Ratio Lower Upper

162 100

127 43.0 35.0 52.6

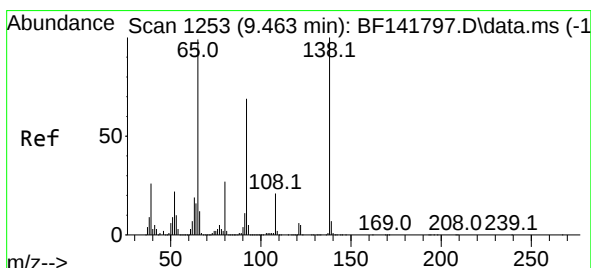
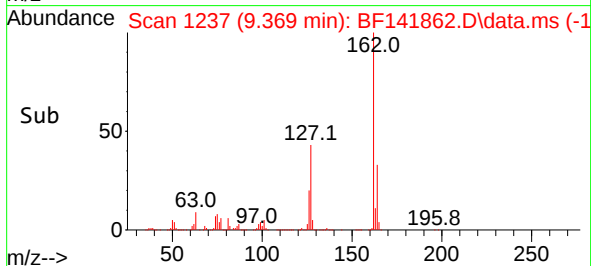
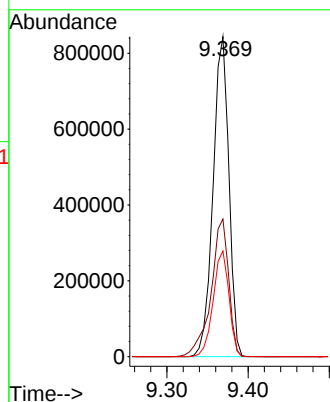
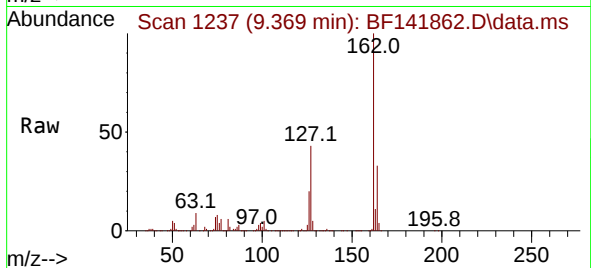
164 33.0 26.6 40.0

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/07/2025

Supervised By :Jagrut Upadhyay 03/07/2025



#48

2-Nitroaniline

Concen: 51.157 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.006 min

Lab File: BF141862.D

Acq: 06 Mar 2025 11:51

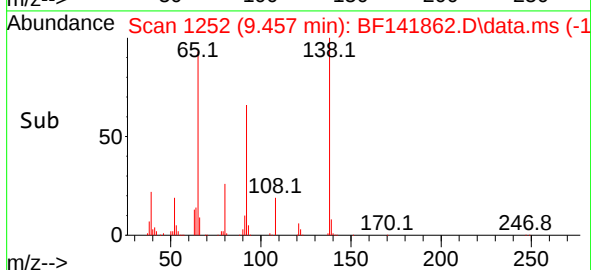
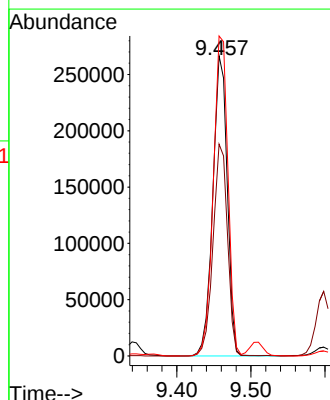
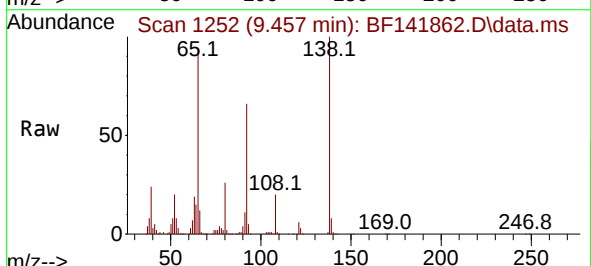
Tgt Ion: 65 Resp: 361580

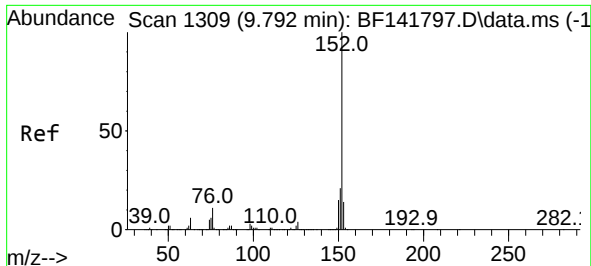
Ion Ratio Lower Upper

65 100

92 70.6 55.7 83.5

138 106.6 80.6 121.0





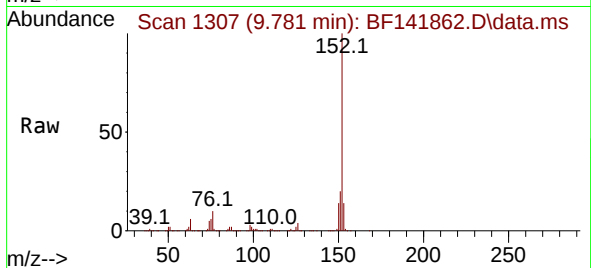
#49
Acenaphthylene
Concen: 46.755 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Instrument :

BNA_F

ClientSampleId :

PB166982BS

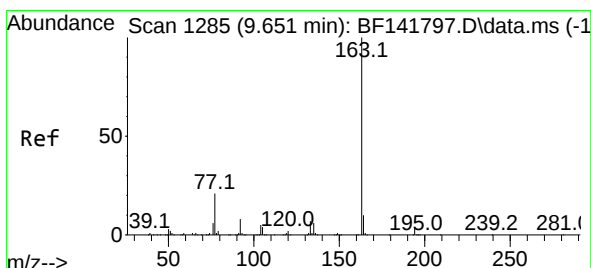
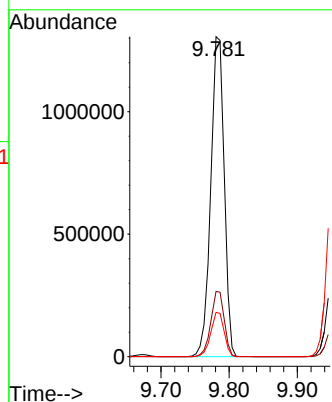
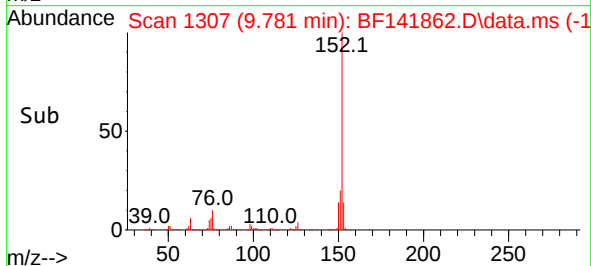


Tgt Ion:152 Resp: 1799062
Ion Ratio Lower Upper
152 100
151 20.4 16.6 24.8
153 13.9 11.2 16.8

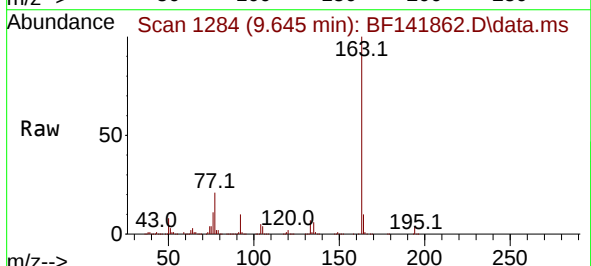
Manual Integrations

APPROVED

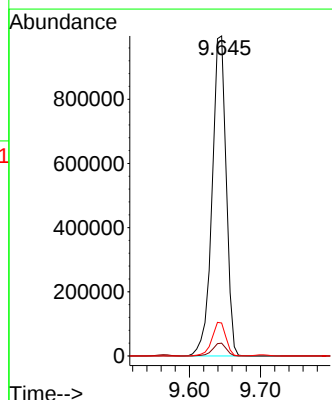
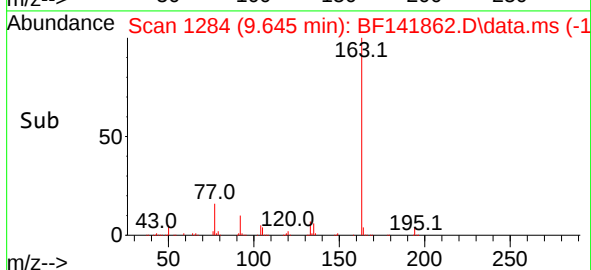
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025

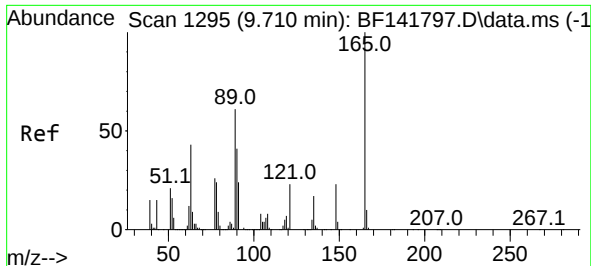


#50
Dimethylphthalate
Concen: 44.817 ng
RT: 9.645 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51



Tgt Ion:163 Resp: 1371047
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.3 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 51.243 ng
RT: 9.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Instrument :

BNA_F

ClientSampleId :

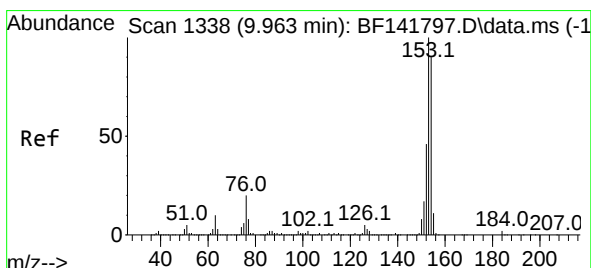
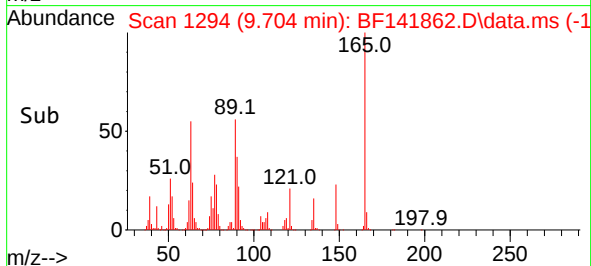
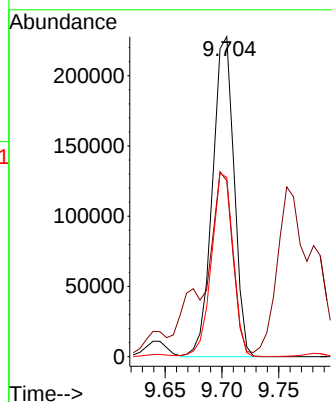
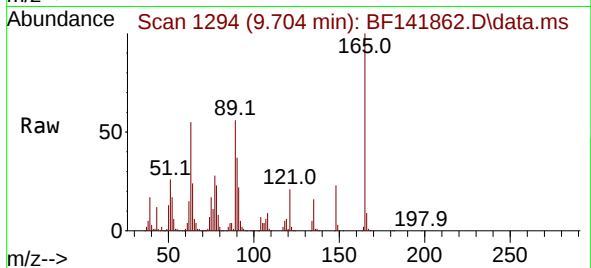
PB166982BS

Tgt Ion:165 Resp: 301079
Ion Ratio Lower Upper
165 100
63 55.0 49.5 74.3
89 56.0 49.0 73.4

Manual Integrations

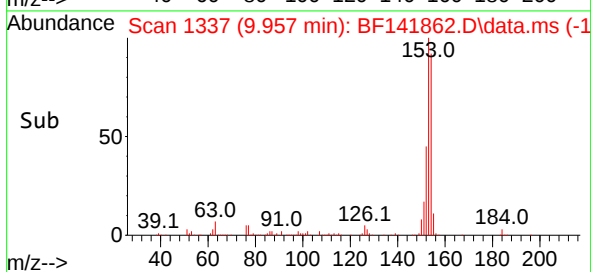
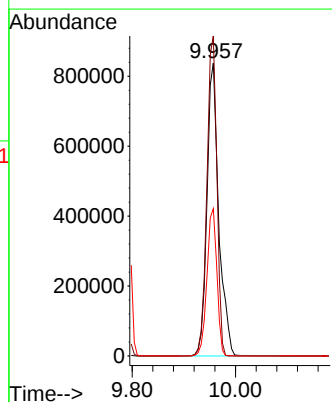
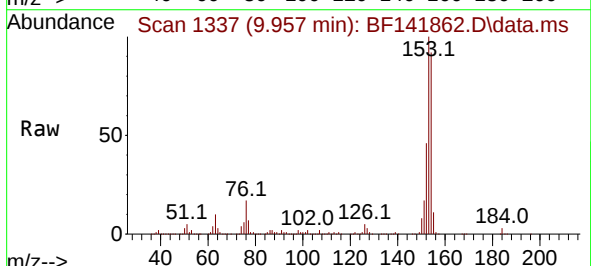
APPROVED

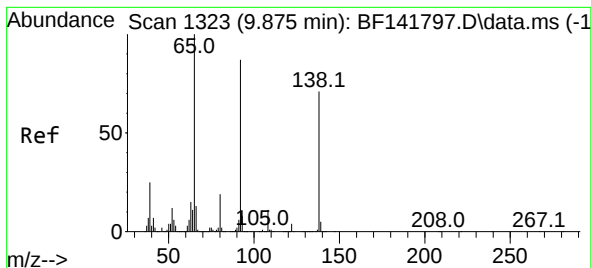
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#52
Acenaphthene
Concen: 51.243 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

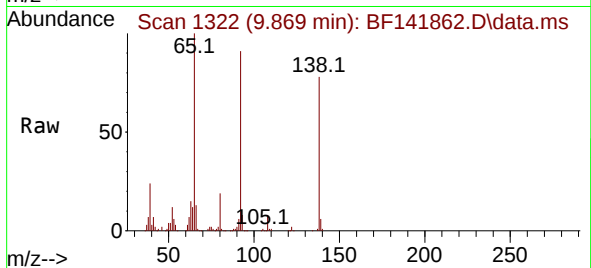
Tgt Ion:154 Resp: 1330436
Ion Ratio Lower Upper
154 100
153 109.2 88.7 133.1
152 50.3 40.9 61.3





#53
3-Nitroaniline
Concen: 33.745 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

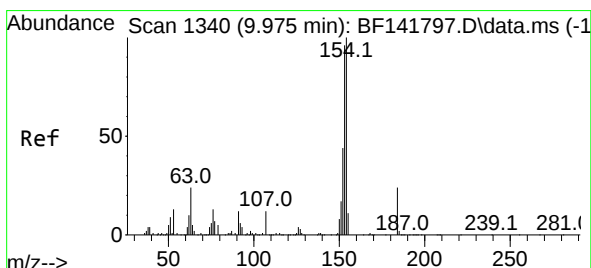
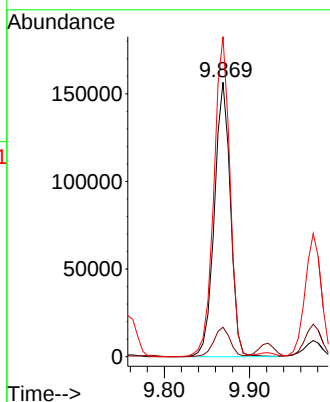
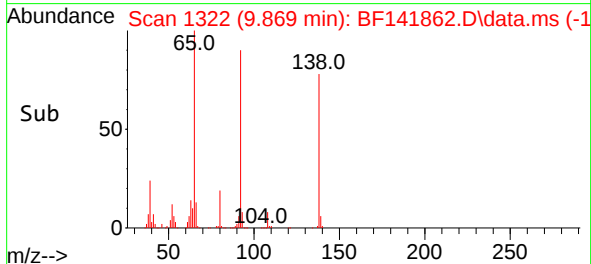
Instrument :
BNA_F
ClientSampleId :
PB166982BS



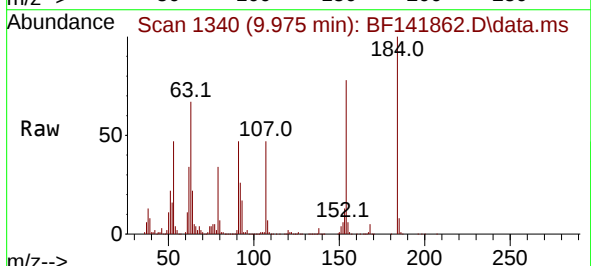
Tgt Ion:138 Resp: 204507
Ion Ratio Lower Upper
138 100
108 10.8 12.7 19.1#
92 116.6 97.9 146.9

Manual Integrations
APPROVED

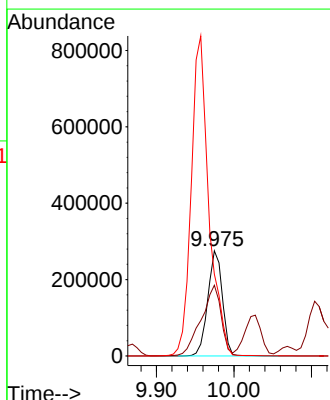
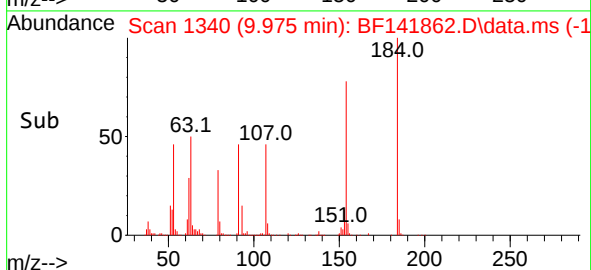
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025

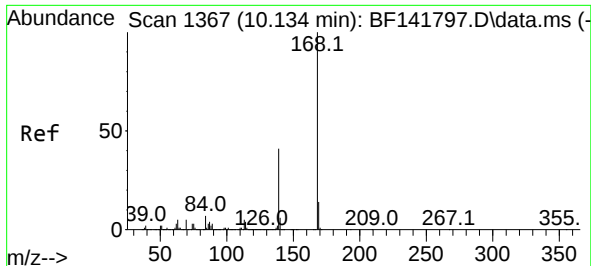


#54
2,4-Dinitrophenol
Concen: 116.229 ng
RT: 9.975 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51



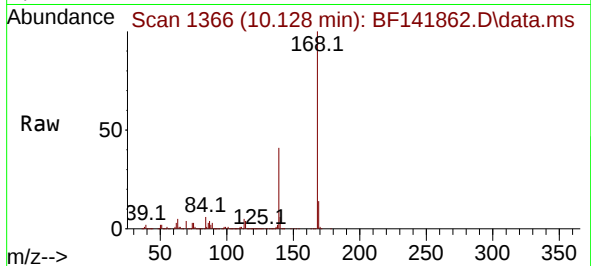
Tgt Ion:184 Resp: 360919
Ion Ratio Lower Upper
184 100
63 67.3 79.0 118.6#
154 77.7 335.8 503.8#





#55
Dibenzenofuran
Concen: 42.900 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

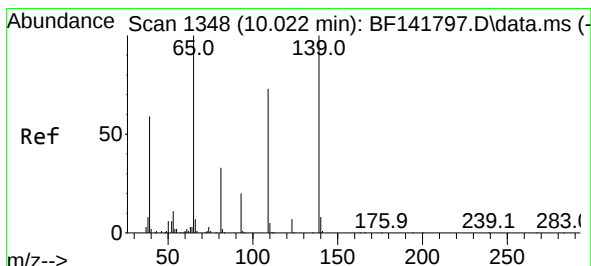
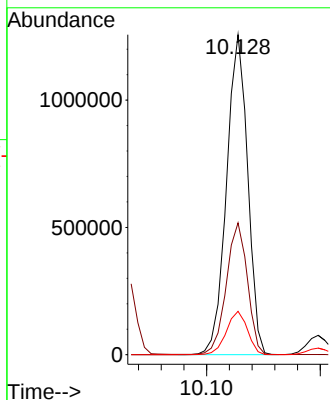
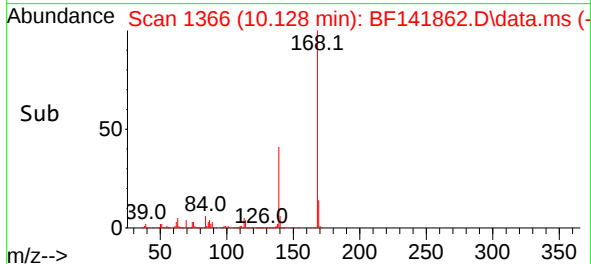
Instrument :
BNA_F
ClientSampleId :
PB166982BS



Tgt Ion:168 Resp: 162117
Ion Ratio Lower Upper
168 100
139 41.2 32.9 49.3
169 13.5 11.1 16.7

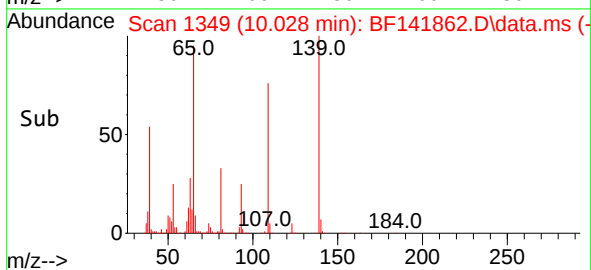
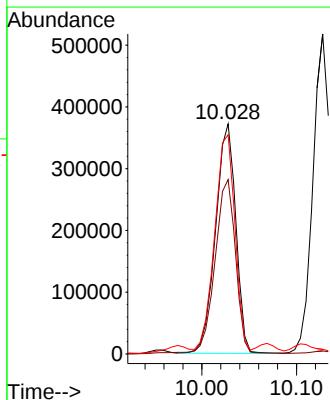
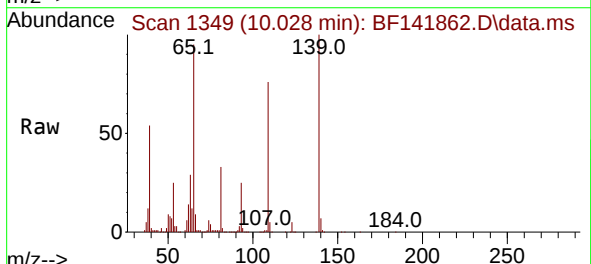
Manual Integrations
APPROVED

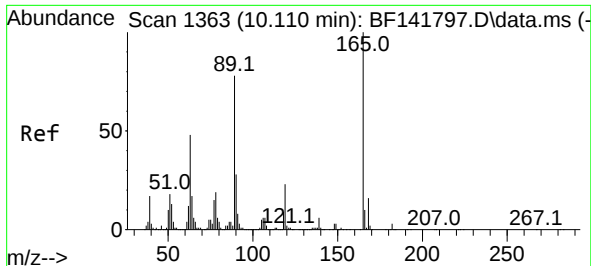
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#56
4-Nitrophenol
Concen: 122.039 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

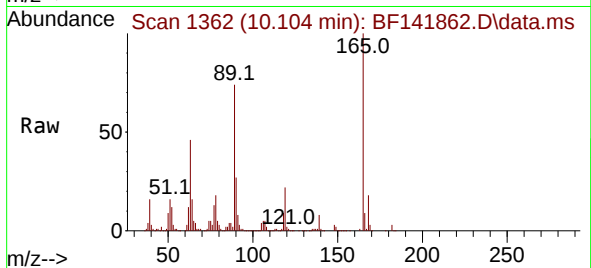
Tgt Ion:139 Resp: 551414
Ion Ratio Lower Upper
139 100
109 75.8 53.4 93.4
65 95.2 82.1 122.1





#57
2,4-Dinitrotoluene
Concen: 57.376 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

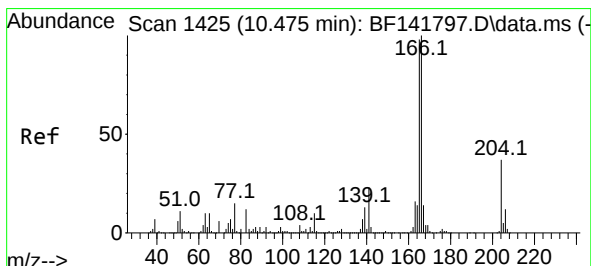
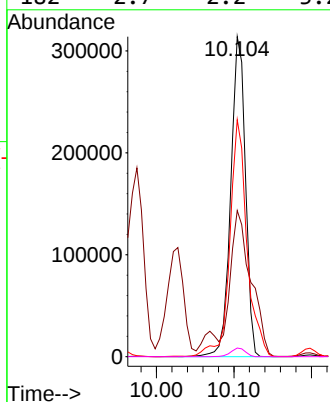
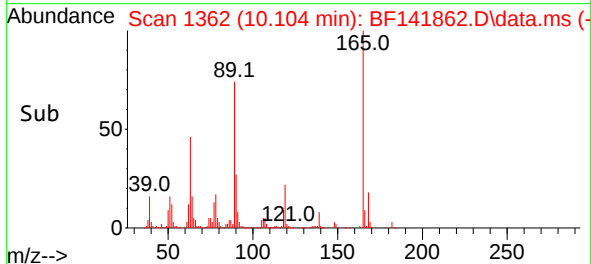
Instrument :
BNA_F
ClientSampleId :
PB166982BS



Tgt Ion:165 Resp: 41545
Ion Ratio Lower Upper
165 100
63 45.6 38.8 58.2
89 74.1 62.6 94.0
182 2.7 2.2 3.2

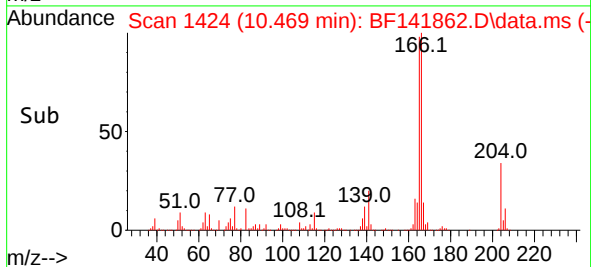
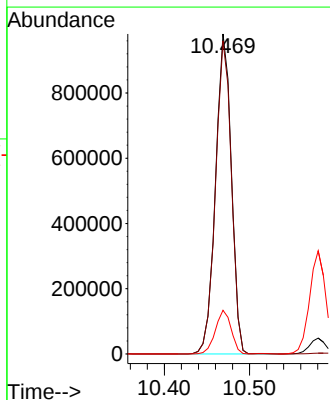
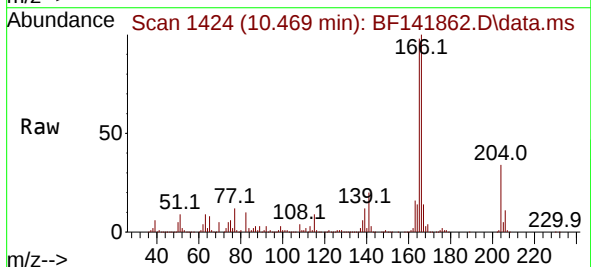
Manual Integrations
APPROVED

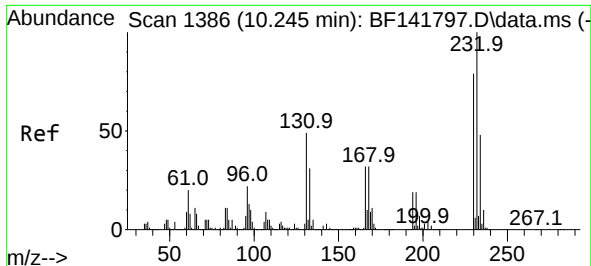
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#58
Fluorene
Concen: 44.940 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

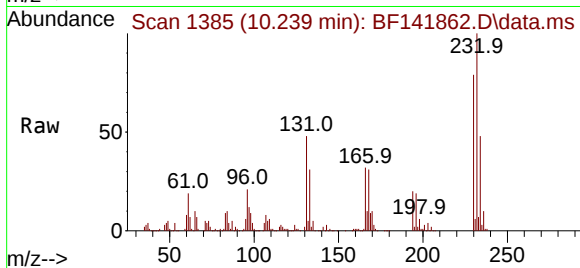
Tgt Ion:166 Resp: 1272097
Ion Ratio Lower Upper
166 100
165 97.8 78.6 117.8
167 13.6 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.365 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

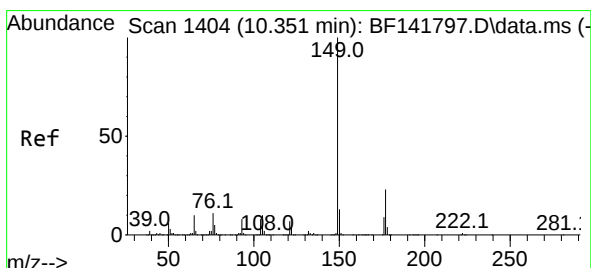
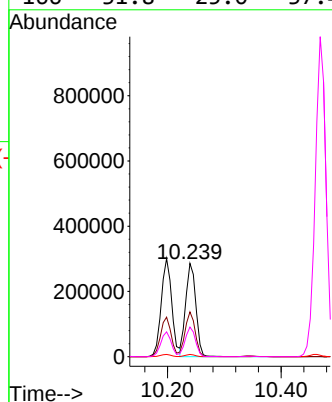
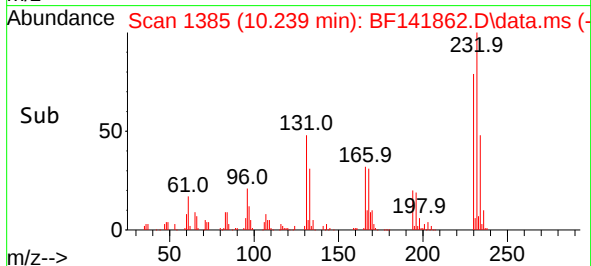
Instrument :
BNA_F
ClientSampleId :
PB166982BS



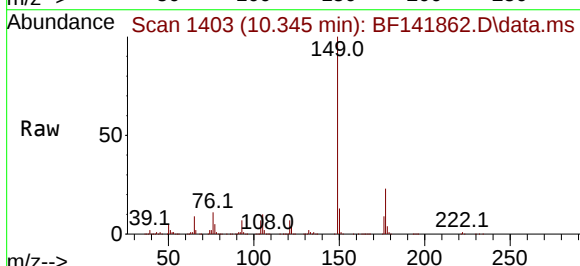
Tgt Ion:232 Resp: 354982
Ion Ratio Lower Upper
232 100
131 48.2 37.8 56.8
130 2.4 2.0 3.0
166 31.8 25.0 37.4

Manual Integrations
APPROVED

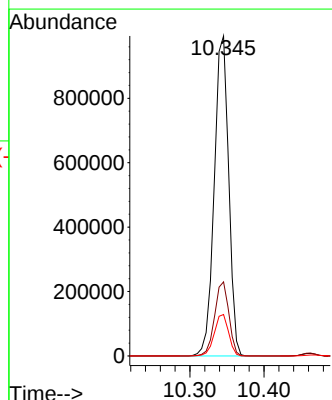
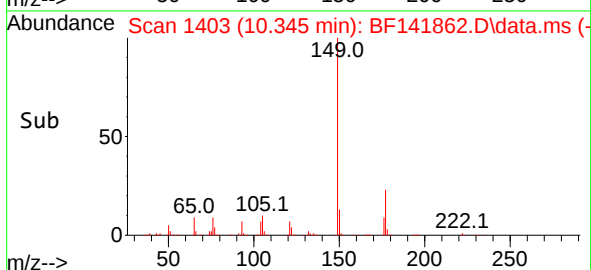
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025

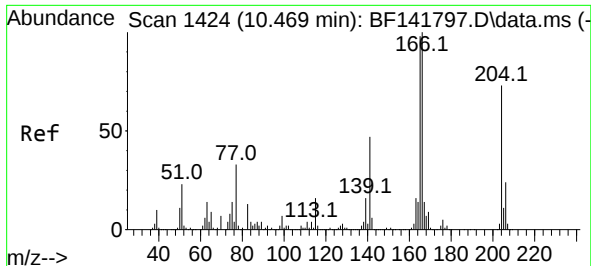


#60
Diethylphthalate
Concen: 43.731 ng
RT: 10.345 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51



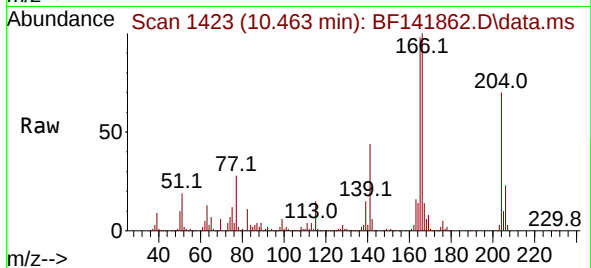
Tgt Ion:149 Resp: 1341179
Ion Ratio Lower Upper
149 100
177 23.2 18.3 27.5
150 12.9 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 44.893 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

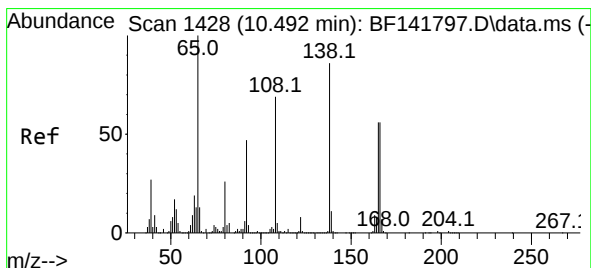
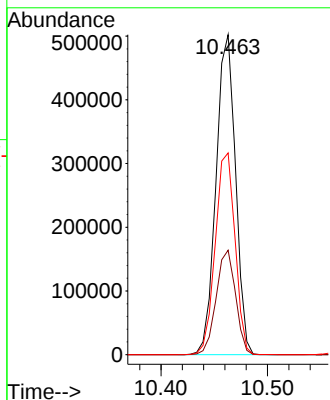
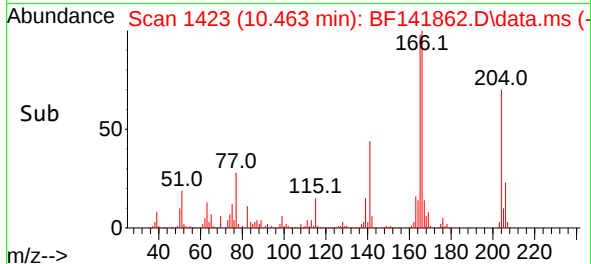
Instrument :
BNA_F
ClientSampleId :
PB166982BS



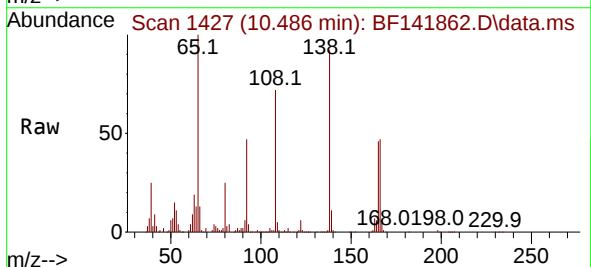
Tgt Ion:204 Resp: 636689
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.4
141 63.0 51.7 77.5

Manual Integrations
APPROVED

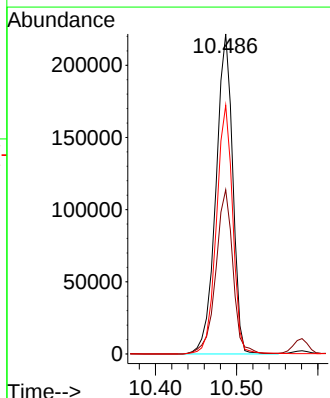
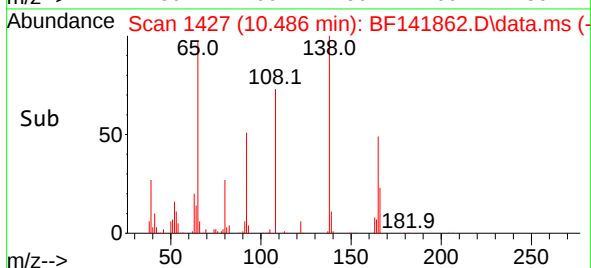
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025

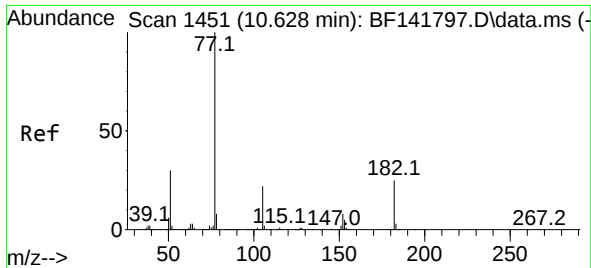


#62
4-Nitroaniline
Concen: 61.255 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51



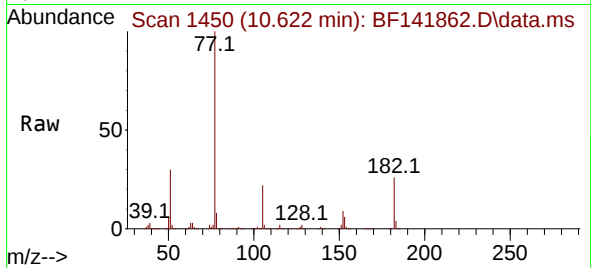
Tgt Ion:138 Resp: 320025
Ion Ratio Lower Upper
138 100
92 51.3 34.9 74.9
108 77.7 59.6 99.6





#63
Azobenzene
Concen: 40.561 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

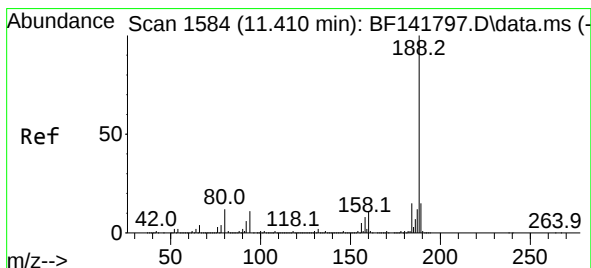
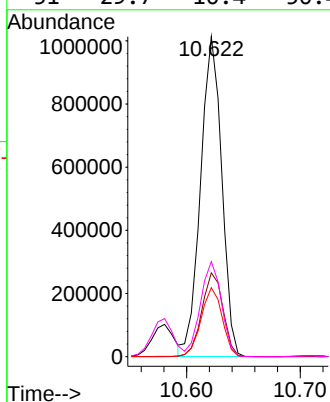
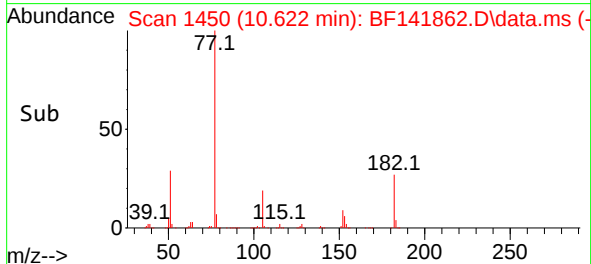
Instrument :
BNA_F
ClientSampleId :
PB166982BS



Tgt Ion: 77 Resp: 1309768
Ion Ratio Lower Upper
77 100
182 26.2 4.2 44.2
105 21.5 1.5 41.5
51 29.7 10.4 50.4

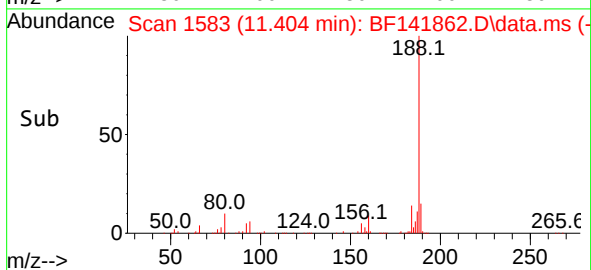
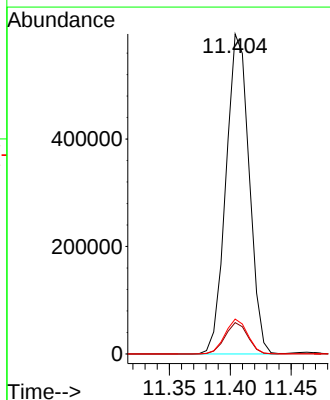
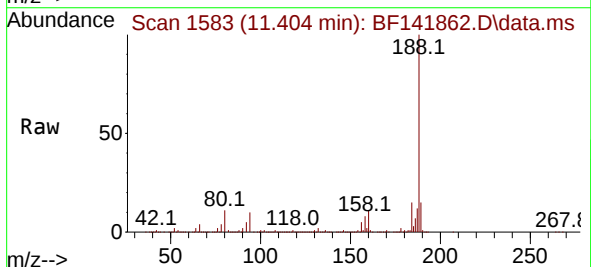
Manual Integrations
APPROVED

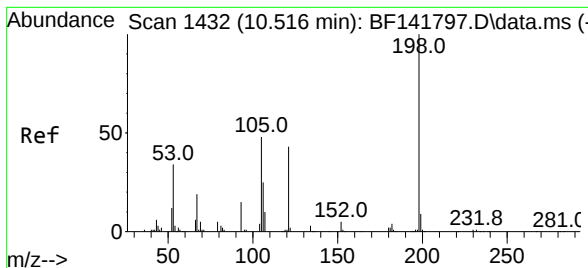
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

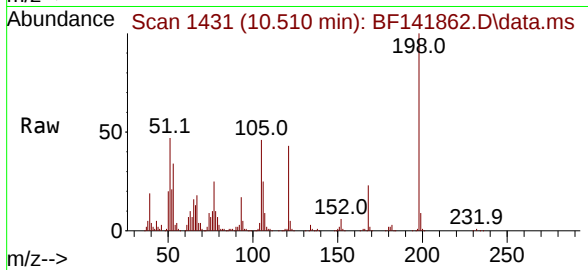
Tgt Ion:188 Resp: 789268
Ion Ratio Lower Upper
188 100
94 9.8 8.9 13.3
80 10.9 9.7 14.5





#65
4,6-Dinitro-2-methylphenol
Concen: 59.852 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

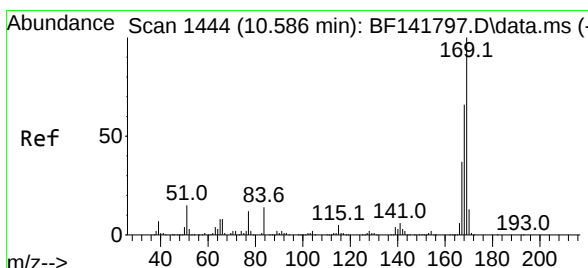
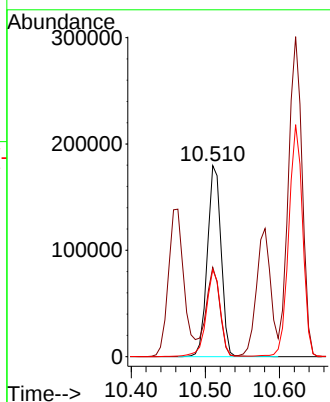
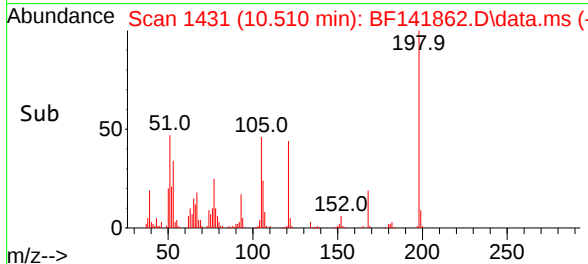
Instrument :
BNA_F
ClientSampleId :
PB166982BS



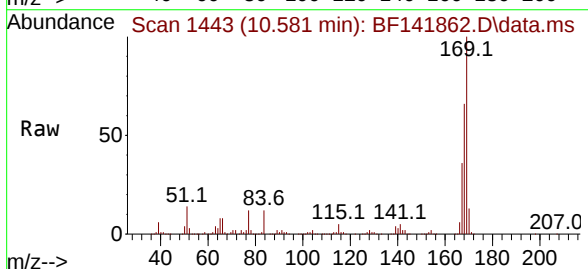
Tgt Ion:198 Resp: 231430
Ion Ratio Lower Upper
198 100
51 46.8 32.1 72.1
105 45.6 28.5 68.5

Manual Integrations
APPROVED

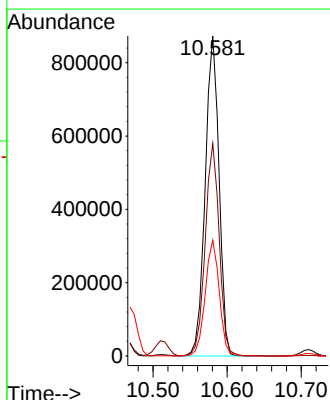
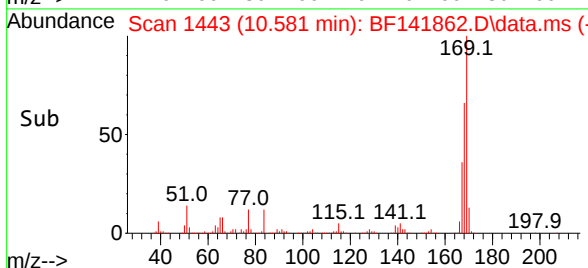
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025

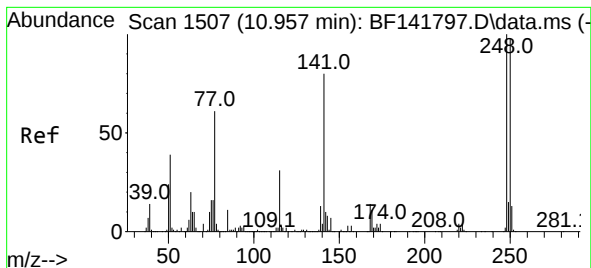


#66
n-Nitrosodiphenylamine
Concen: 43.596 ng
RT: 10.581 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51



Tgt Ion:169 Resp: 1129867
Ion Ratio Lower Upper
169 100
168 66.4 53.0 79.6
167 36.2 29.3 43.9





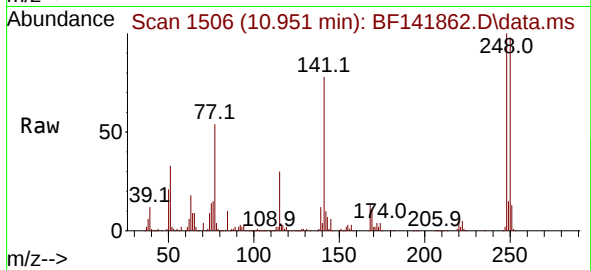
#67
4-Bromophenyl-phenylether
Concen: 44.376 ng
RT: 10.951 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Instrument :

BNA_F

ClientSampleId :

PB166982BS

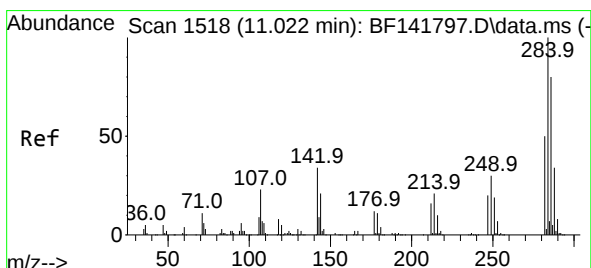
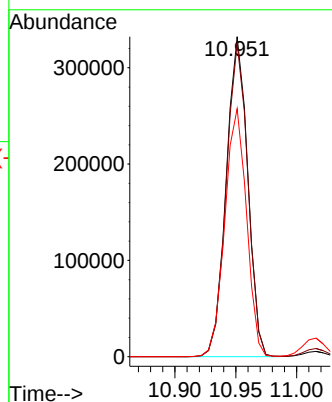
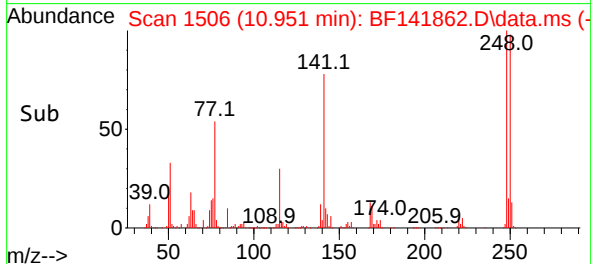


Tgt Ion:248 Resp: 409102
Ion Ratio Lower Upper
248 100
250 97.9 78.1 117.1
141 77.5 64.3 96.5

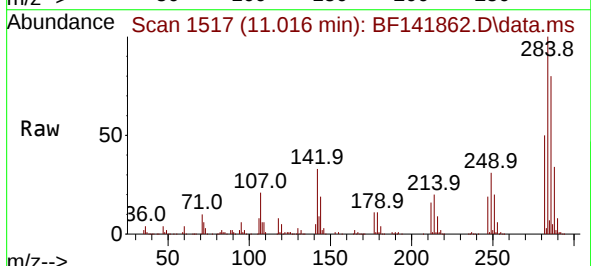
Manual Integrations

APPROVED

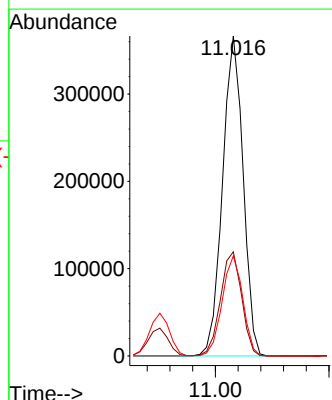
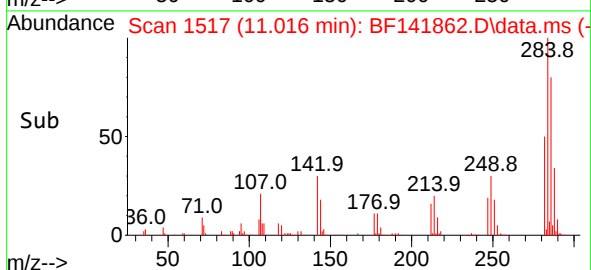
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025

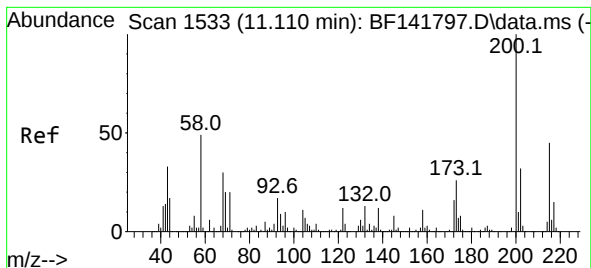


#68
Hexachlorobenzene
Concen: 47.300 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51



Tgt Ion:284 Resp: 460465
Ion Ratio Lower Upper
284 100
142 32.5 28.2 42.2
249 31.2 25.5 38.3





#69

Atrazine

Concen: 64.122 ng

RT: 11.104 min Scan# 1532

Delta R.T. -0.006 min

Lab File: BF141862.D

Acq: 06 Mar 2025 11:51

Instrument :

BNA_F

ClientSampleId :

PB166982BS

Tgt Ion:200 Resp: 456998

Ion Ratio Lower Upper

200 100

173 25.4 5.6 45.6

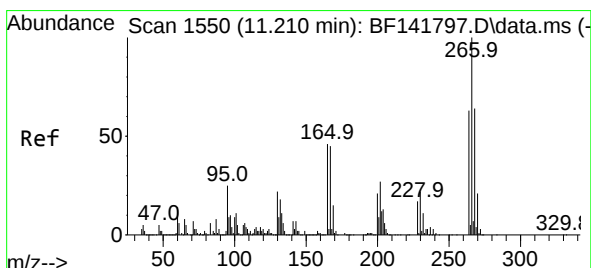
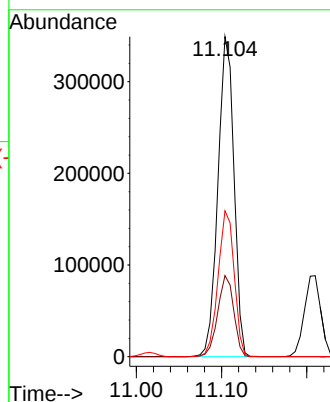
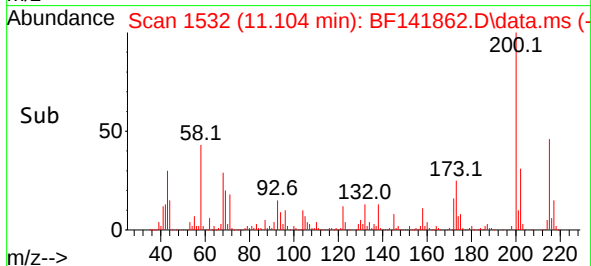
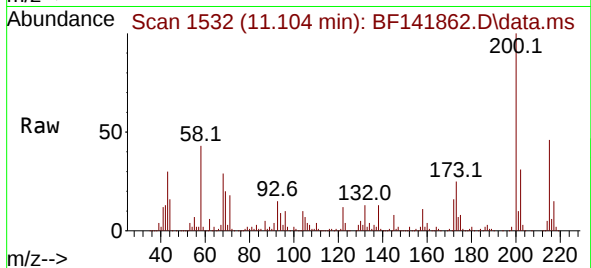
215 45.6 25.3 65.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/07/2025

Supervised By :Jagrut Upadhyay 03/07/2025



#70

Pentachlorophenol

Concen: 97.683 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF141862.D

Acq: 06 Mar 2025 11:51

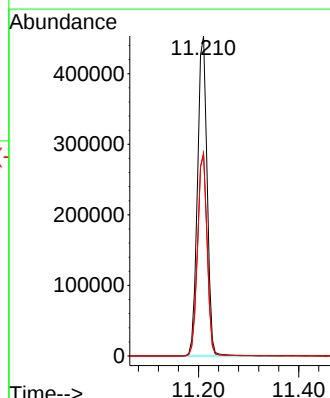
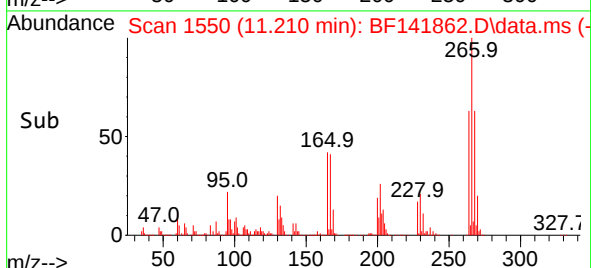
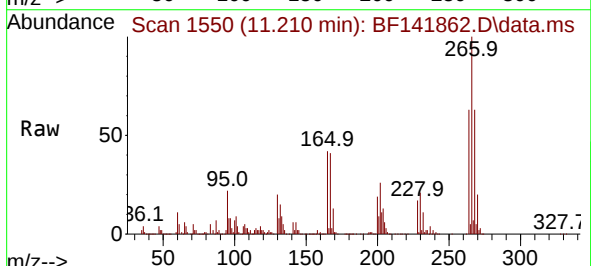
Tgt Ion:266 Resp: 603121

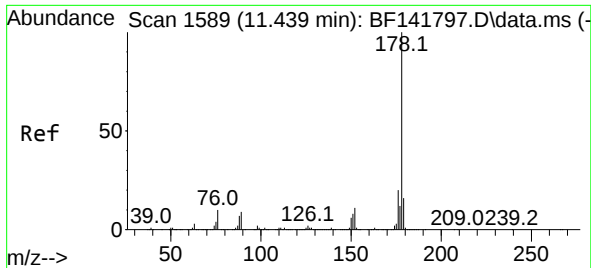
Ion Ratio Lower Upper

266 100

268 63.4 50.9 76.3

264 63.1 50.2 75.4





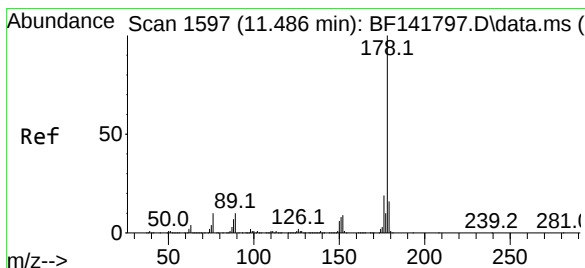
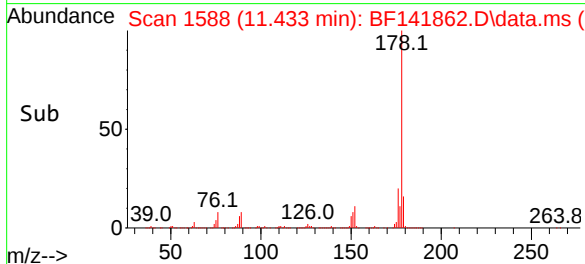
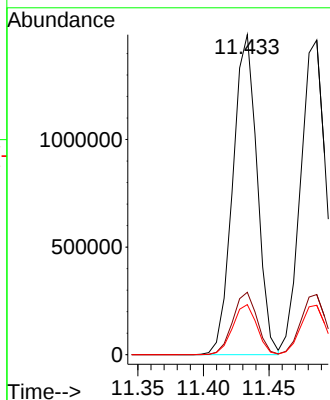
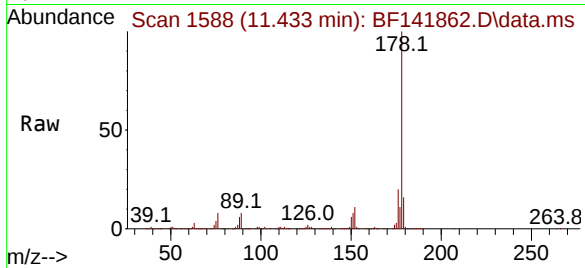
#71
Phenanthrene
Concen: 45.456 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Instrument :
BNA_F
ClientSampleId :
PB166982BS

Tgt Ion:178 Resp: 1919079
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 15.6 12.6 19.0

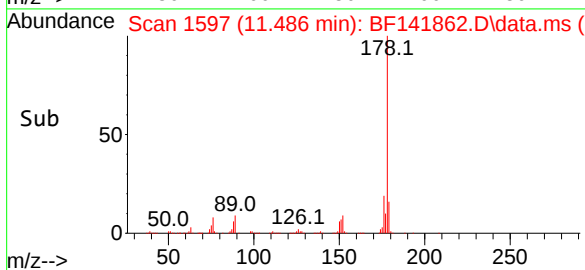
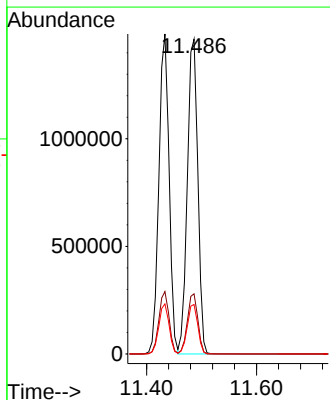
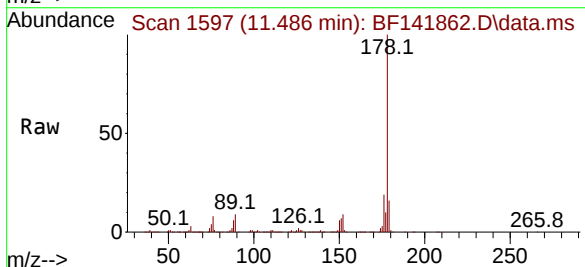
Manual Integrations
APPROVED

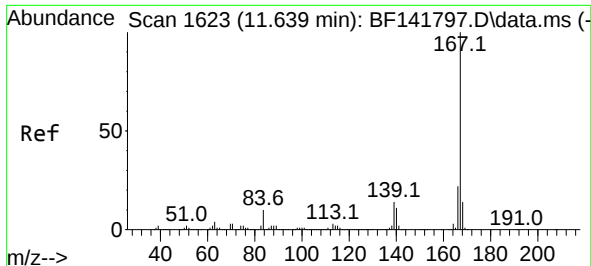
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#72
Anthracene
Concen: 45.759 ng
RT: 11.486 min Scan# 1597
Delta R.T. -0.000 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

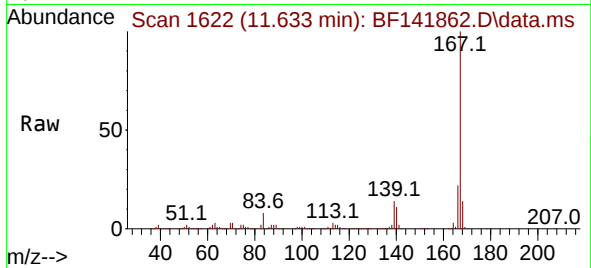
Tgt Ion:178 Resp: 1936157
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.7 12.8 19.2





#73
 Carbazole
 Concen: 45.601 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. -0.006 min
 Lab File: BF141862.D
 Acq: 06 Mar 2025 11:51

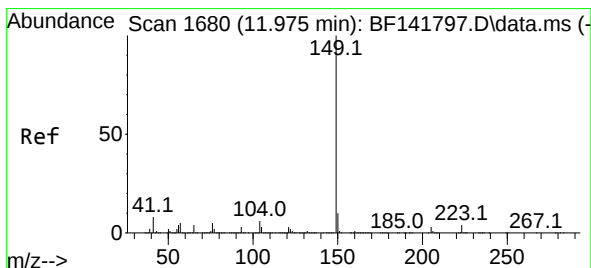
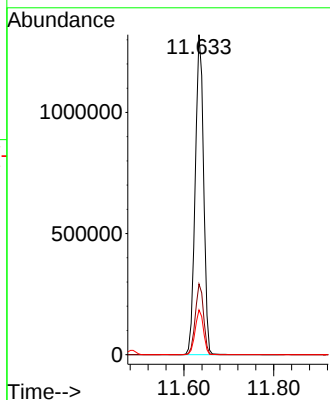
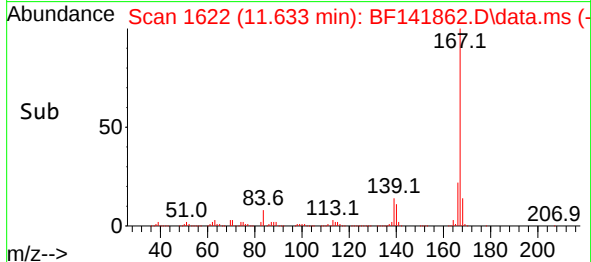
Instrument :
 BNA_F
 ClientSampleId :
 PB166982BS



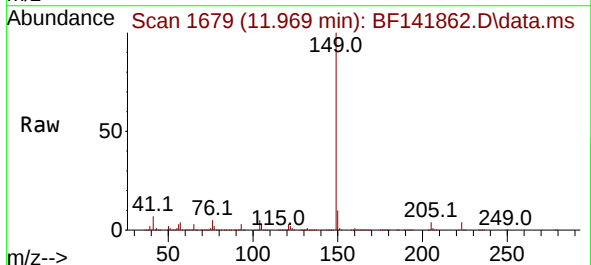
Tgt Ion:167 Resp: 1703879
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.5 26.3
 139 14.0 11.3 16.9

Manual Integrations
 APPROVED

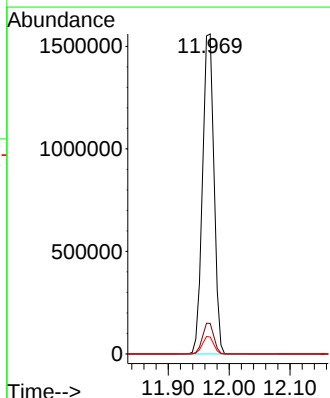
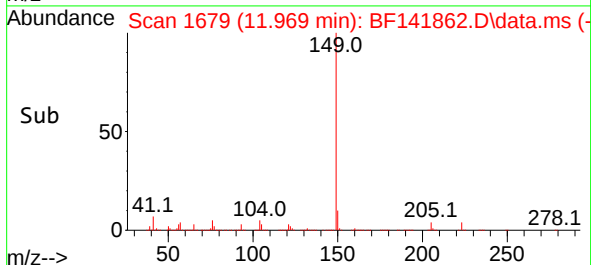
Reviewed By :Anahy Claudio 03/07/2025
 Supervised By :Jagrut Upadhyay 03/07/2025

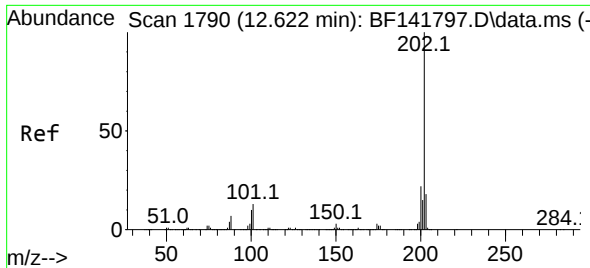


#74
 Di-n-butylphthalate
 Concen: 43.126 ng
 RT: 11.969 min Scan# 1679
 Delta R.T. -0.006 min
 Lab File: BF141862.D
 Acq: 06 Mar 2025 11:51



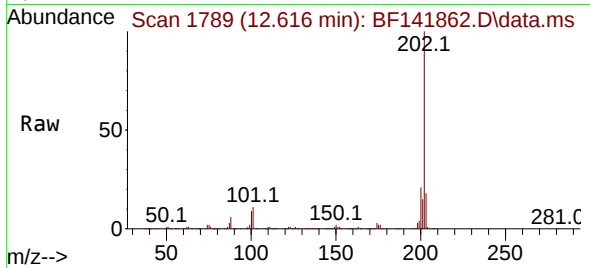
Tgt Ion:149 Resp: 2042563
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 5.3 4.4 6.6





#75
Fluoranthene
Concen: 46.480 ng
RT: 12.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

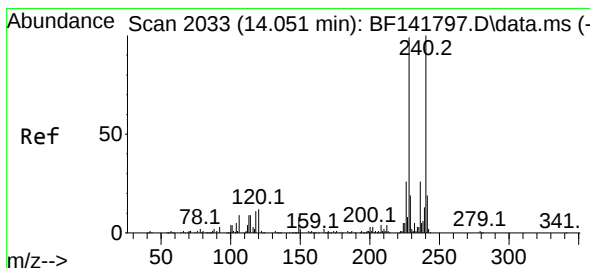
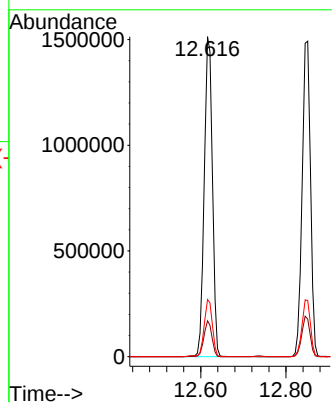
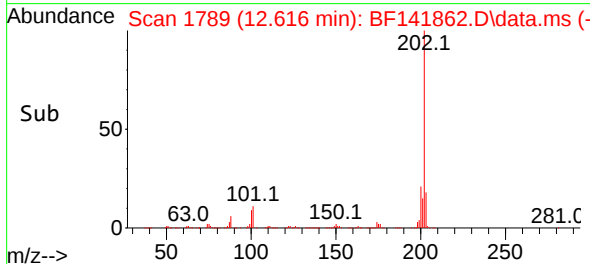
Instrument :
BNA_F
ClientSampleId :
PB166982BS



Tgt Ion:202 Resp: 201070
Ion Ratio Lower Upper
202 100
101 11.2 0.0 32.8
203 17.8 0.0 38.0

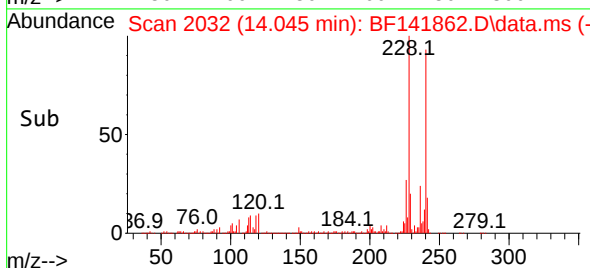
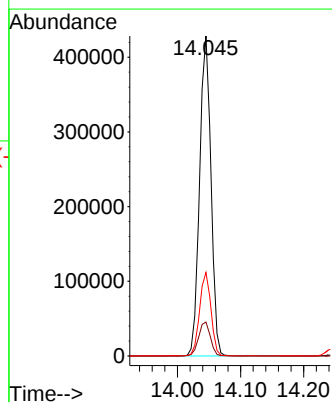
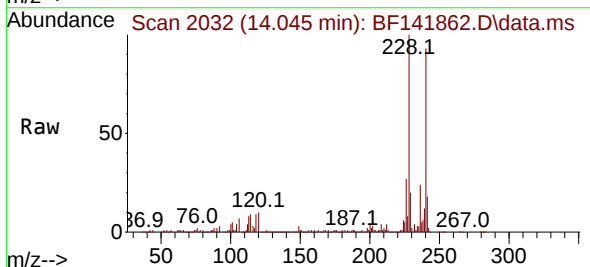
Manual Integrations
APPROVED

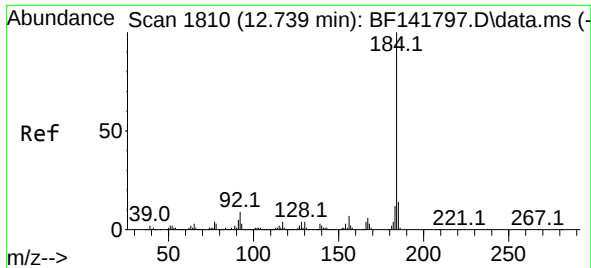
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

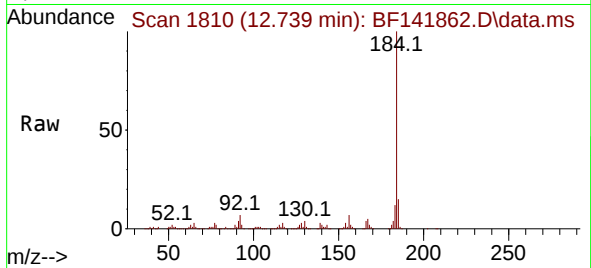
Tgt Ion:240 Resp: 533191
Ion Ratio Lower Upper
240 100
120 10.6 9.7 14.5
236 26.1 21.0 31.4





#77
Benzidine
Concen: 104.868 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

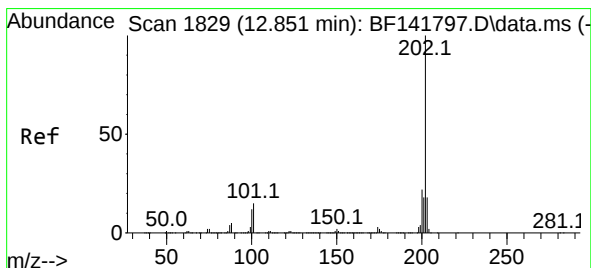
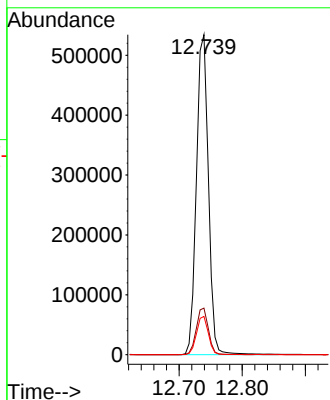
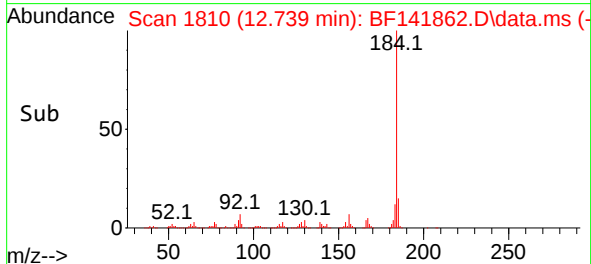
Instrument :
BNA_F
ClientSampleId :
PB166982BS



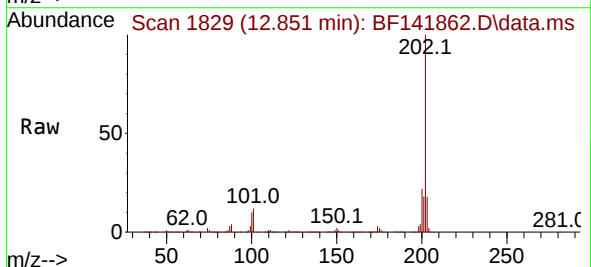
Tgt Ion:184 Resp: 70376
Ion Ratio Lower Upper
184 100
185 14.5 11.6 17.4
183 12.0 9.4 14.0

Manual Integrations
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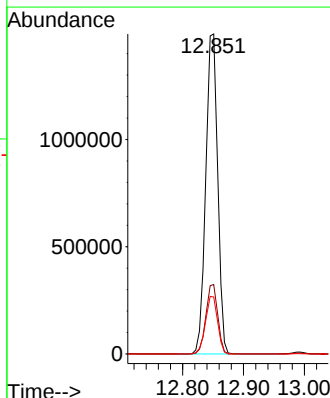
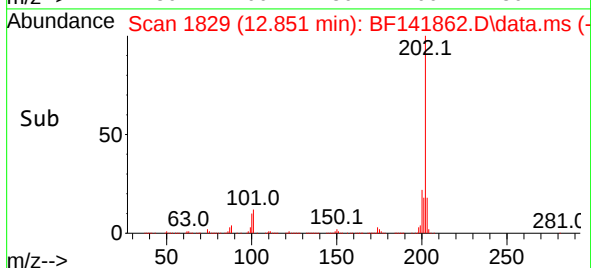
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025

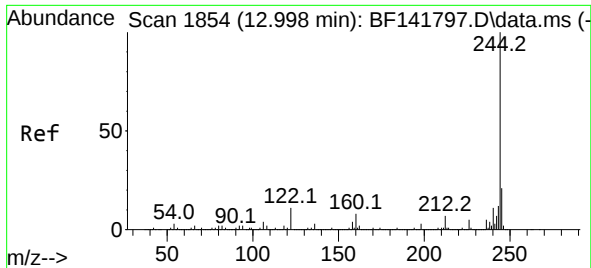


#78
Pyrene
Concen: 44.041 ng
RT: 12.851 min Scan# 1829
Delta R.T. -0.000 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51



Tgt Ion:202 Resp: 2033437
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.0
203 17.8 14.6 22.0





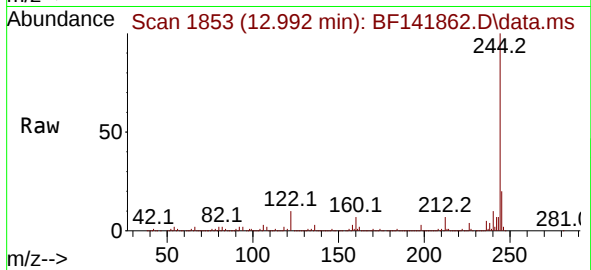
#79
 Terphenyl-d14
 Concen: 99.859 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF141862.D
 Acq: 06 Mar 2025 11:51

Instrument :

BNA_F

ClientSampleId :

PB166982BS

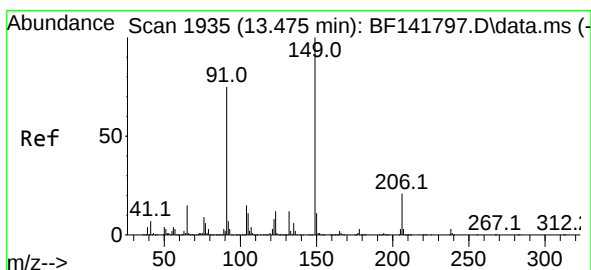
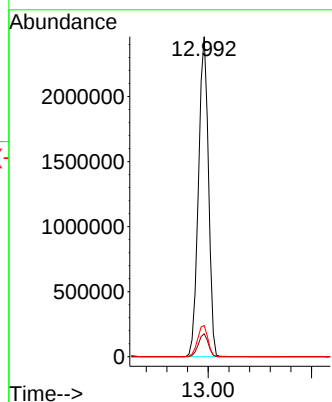
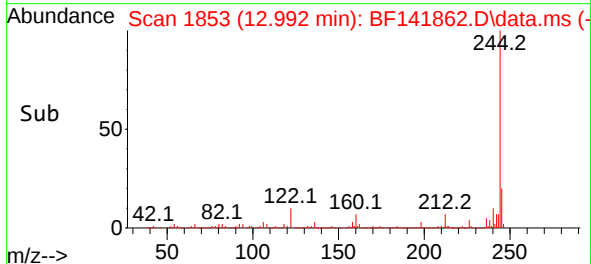


Tgt Ion:244 Resp: 3290879
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 9.8 9.0 13.6

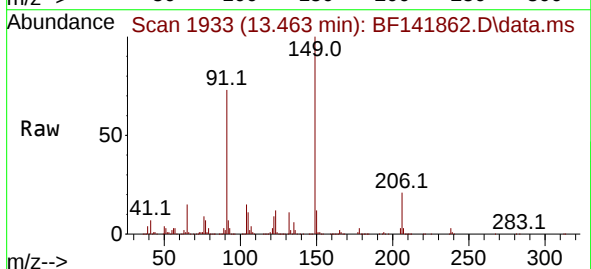
Manual Integrations

APPROVED

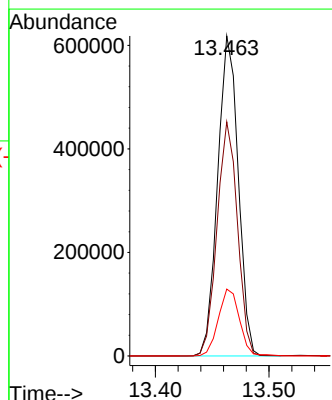
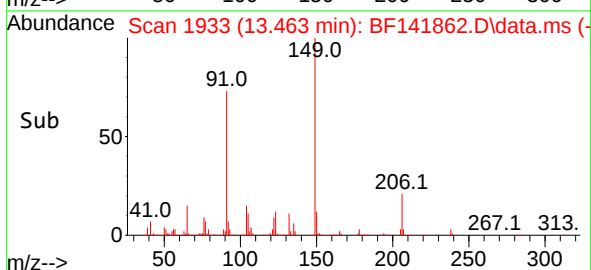
Reviewed By :Anahy Claudio 03/07/2025
 Supervised By :Jagrut Upadhyay 03/07/2025

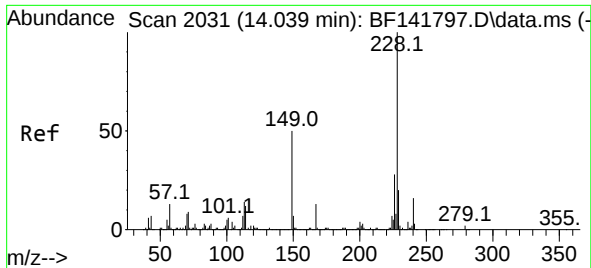


#80
 Butylbenzylphthalate
 Concen: 46.457 ng
 RT: 13.463 min Scan# 1933
 Delta R.T. -0.012 min
 Lab File: BF141862.D
 Acq: 06 Mar 2025 11:51



Tgt Ion:149 Resp: 779324
 Ion Ratio Lower Upper
 149 100
 91 73.2 60.1 90.1
 206 20.9 16.8 25.2





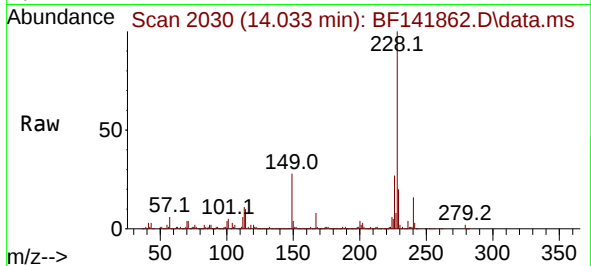
#81
Benzo(a)anthracene
Concen: 45.626 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Instrument :

BNA_F

ClientSampleId :

PB166982BS

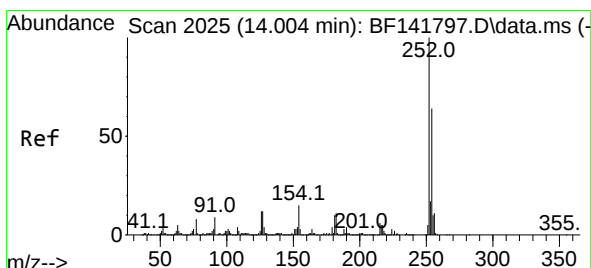
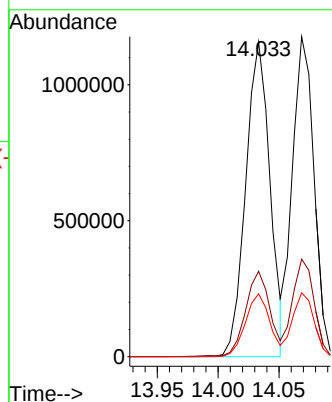
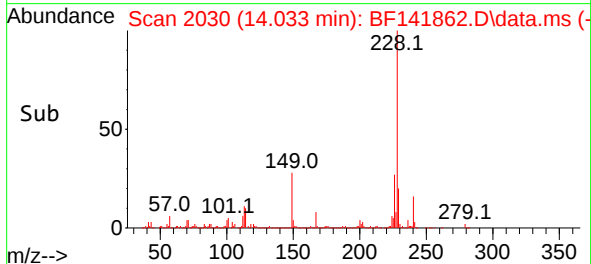


Tgt Ion:228 Resp: 1606850
Ion Ratio Lower Upper
228 100
226 27.1 22.1 33.1
229 20.0 16.1 24.1

Manual Integrations

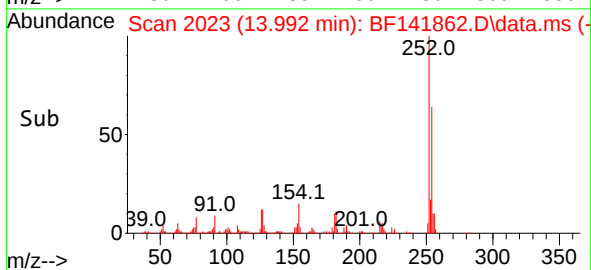
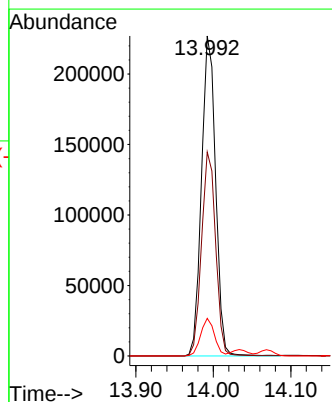
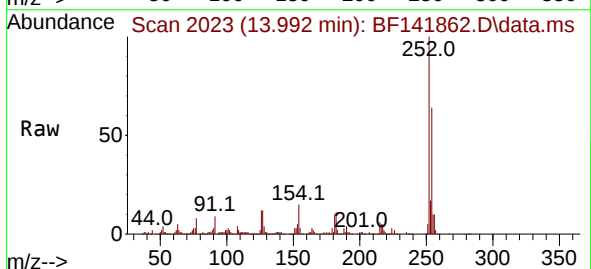
APPROVED

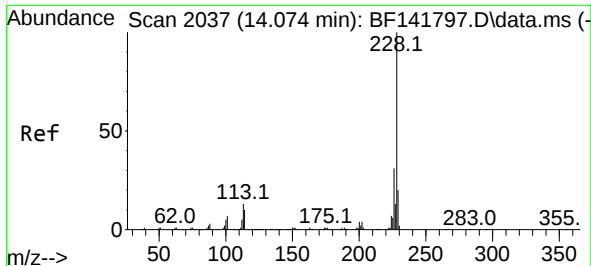
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#82
3,3'-Dichlorobenzidine
Concen: 28.453 ng
RT: 13.992 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

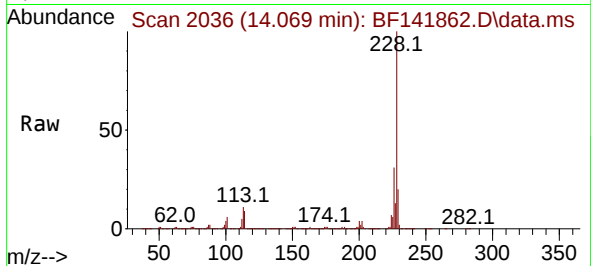
Tgt Ion:252 Resp: 287502
Ion Ratio Lower Upper
252 100
254 63.8 51.4 77.0
126 11.8 9.8 14.6





#83
Chrysene
Concen: 45.012 ng
RT: 14.069 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

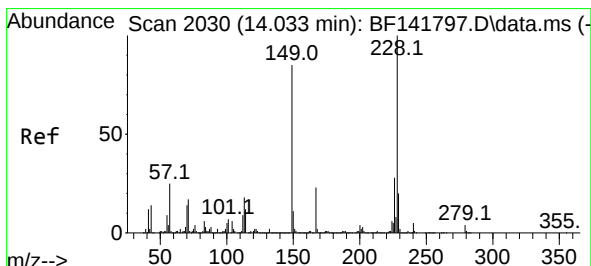
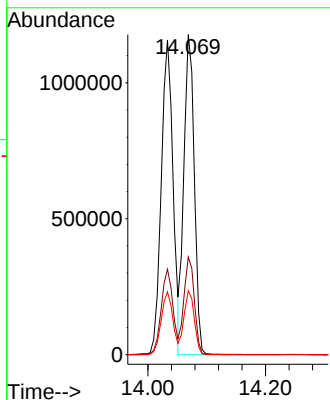
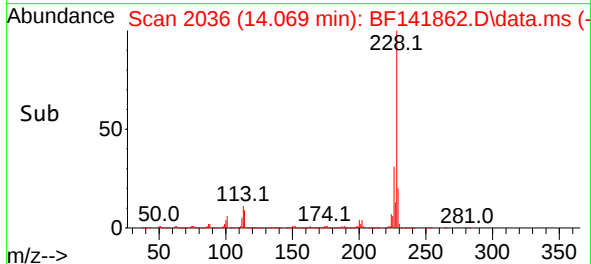
Instrument :
BNA_F
ClientSampleId :
PB166982BS



Tgt Ion:228 Resp: 1461304
Ion Ratio Lower Upper
228 100
226 30.5 24.6 37.0
229 20.0 16.1 24.1

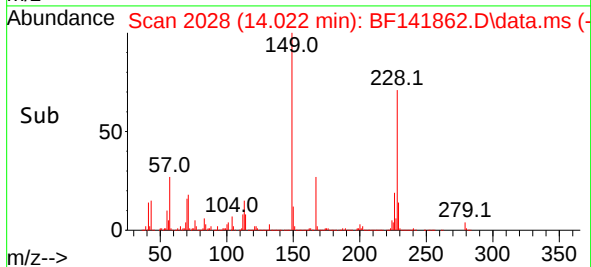
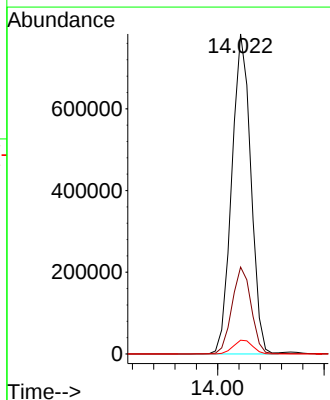
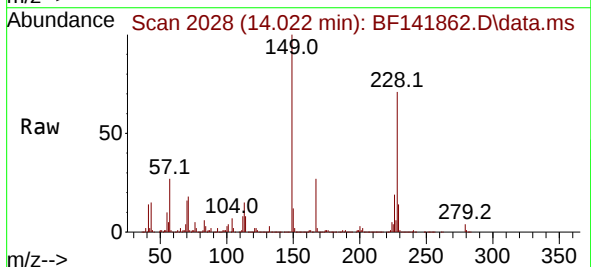
Manual Integrations
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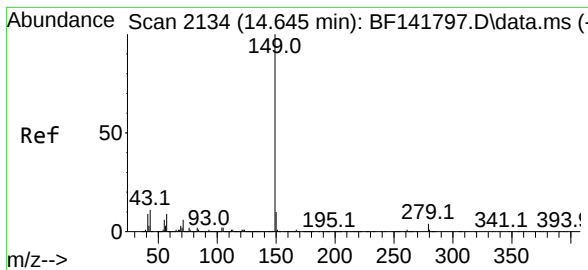
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.591 ng
RT: 14.022 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

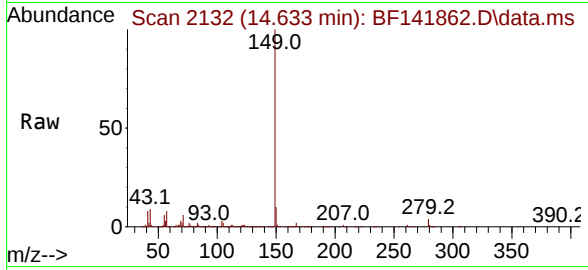
Tgt Ion:149 Resp: 973167
Ion Ratio Lower Upper
149 100
167 27.2 21.2 31.8
279 4.3 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 45.149 ng
RT: 14.633 min Scan# 2132
Delta R.T. -0.012 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

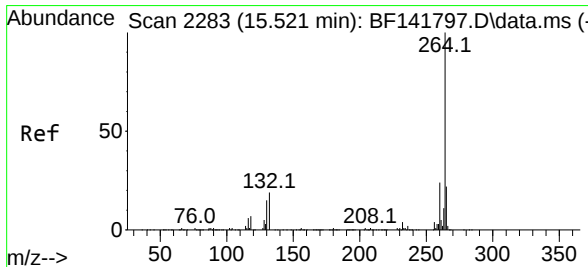
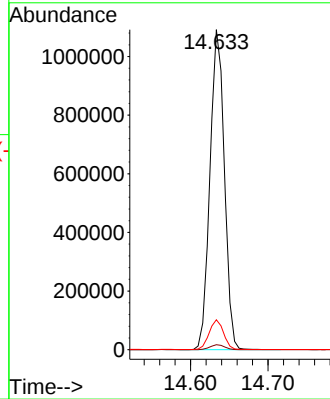
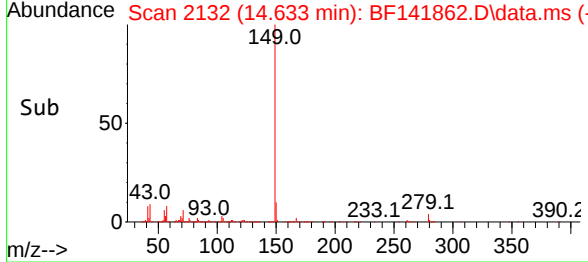
Instrument :
BNA_F
ClientSampleId :
PB166982BS



Tgt Ion:149 Resp: 1411858
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.2 8.6 12.8

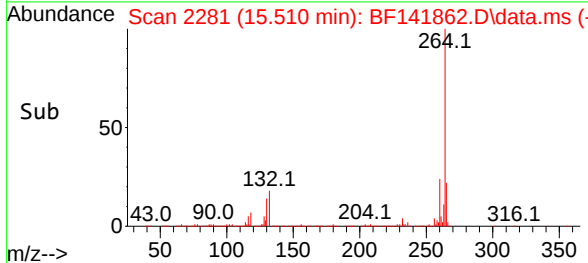
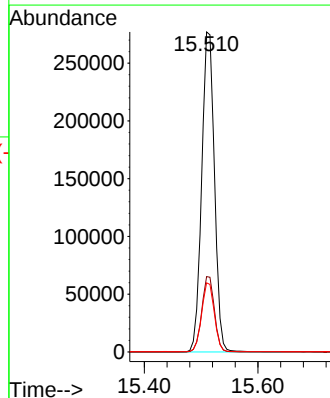
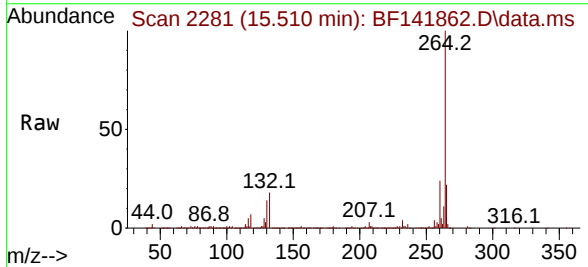
Manual Integrations
APPROVED

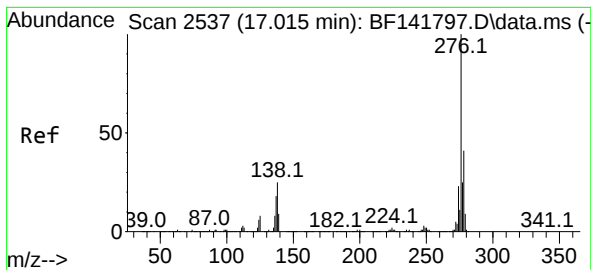
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2281
Delta R.T. -0.012 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Tgt Ion:264 Resp: 432459
Ion Ratio Lower Upper
264 100
260 23.5 18.9 28.3
265 21.6 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.858 ng
RT: 17.004 min Scan# 2108
Delta R.T. -0.012 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Instrument :

BNA_F

ClientSampleId :

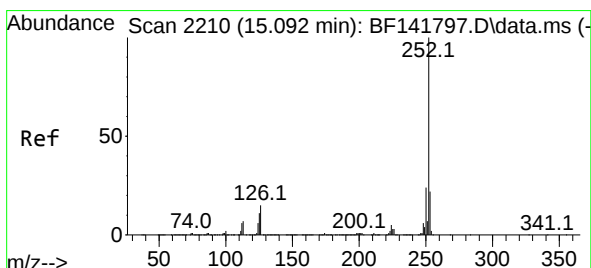
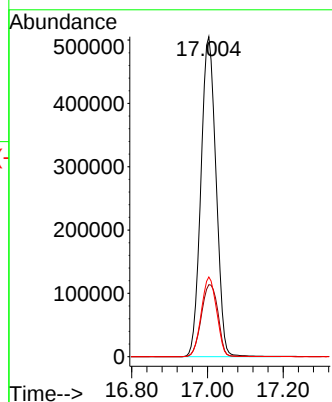
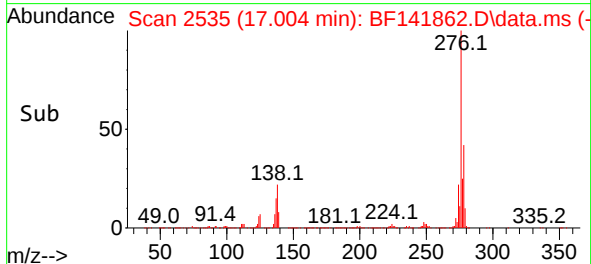
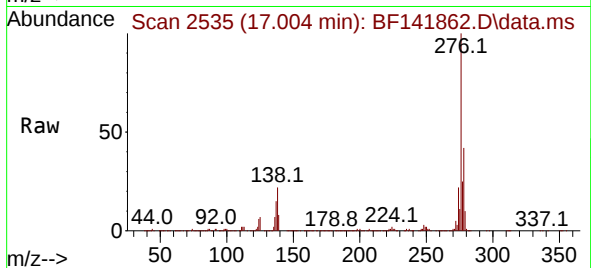
PB166982BS

Tgt Ion:276 Resp: 1400520
Ion Ratio Lower Upper
276 100
138 24.8 22.5 33.7
277 25.3 20.3 30.5

Manual Integrations

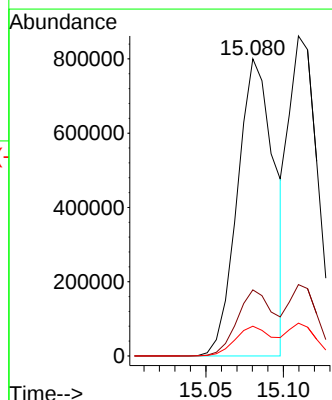
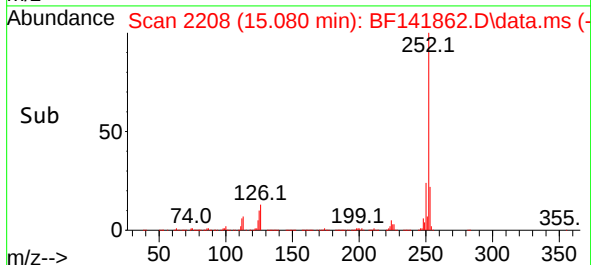
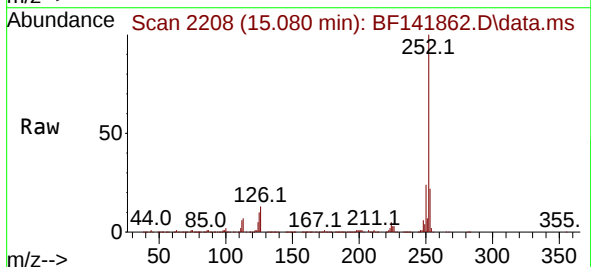
APPROVED

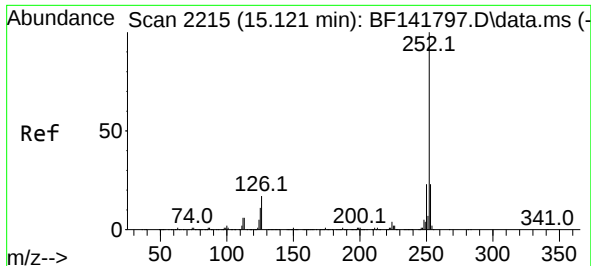
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#88
Benzo(b)fluoranthene
Concen: 44.975 ng
RT: 15.080 min Scan# 2208
Delta R.T. -0.012 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Tgt Ion:252 Resp: 1324873
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 10.0 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 44.371 ng

RT: 15.110 min Scan# 2110

Delta R.T. -0.012 min

Lab File: BF141862.D

Acq: 06 Mar 2025 11:51

Instrument :

BNA_F

ClientSampleId :

PB166982BS

Tgt Ion:252 Resp: 1110972

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

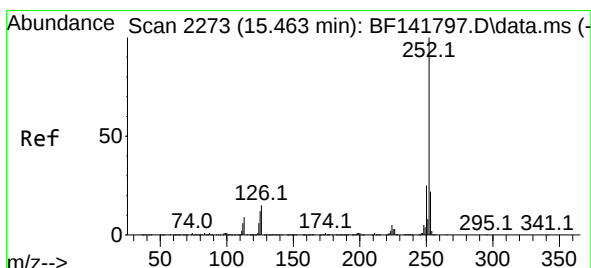
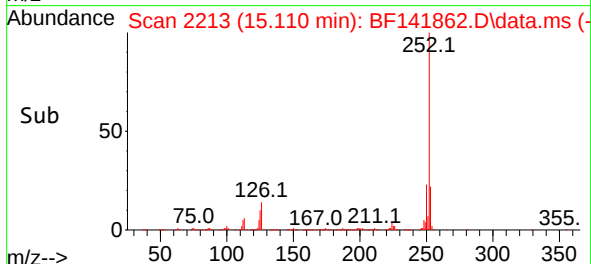
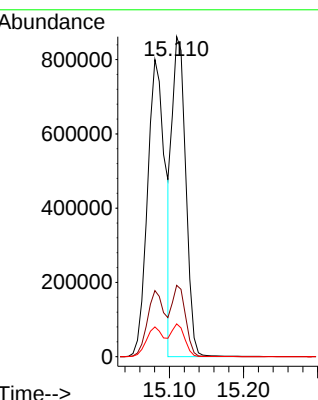
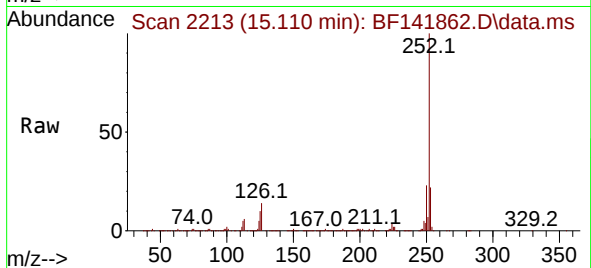
125 10.3 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/07/2025

Supervised By :Jagrut Upadhyay 03/07/2025



#90

Benzo(a)pyrene

Concen: 48.062 ng

RT: 15.451 min Scan# 2271

Delta R.T. -0.012 min

Lab File: BF141862.D

Acq: 06 Mar 2025 11:51

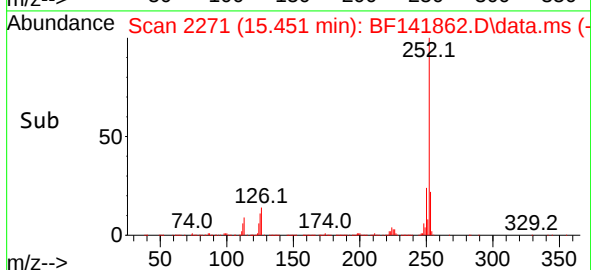
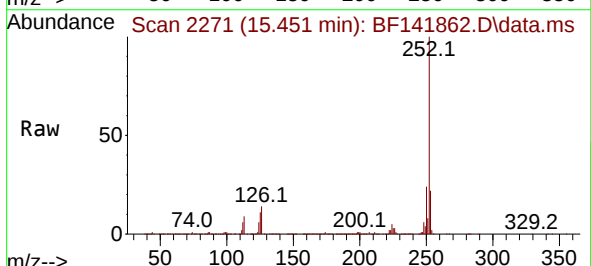
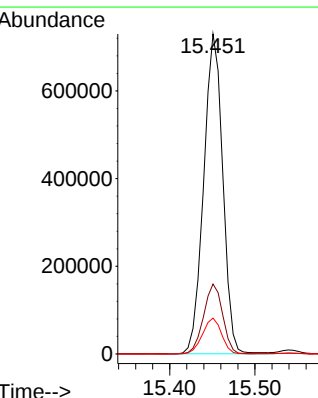
Tgt Ion:252 Resp: 1135461

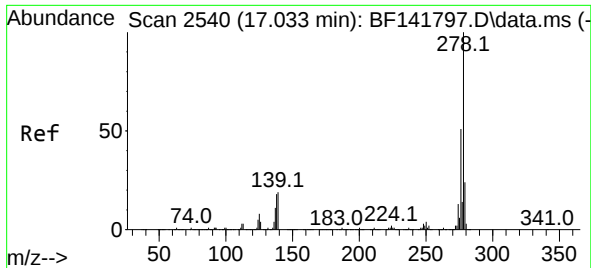
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

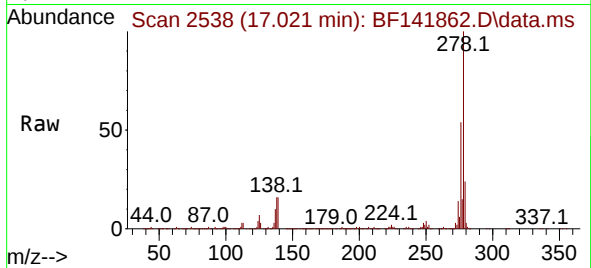
125 11.2 9.4 14.2





#91
 Dibenzo(a,h)anthracene
 Concen: 49.889 ng
 RT: 17.021 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF141862.D
 Acq: 06 Mar 2025 11:51

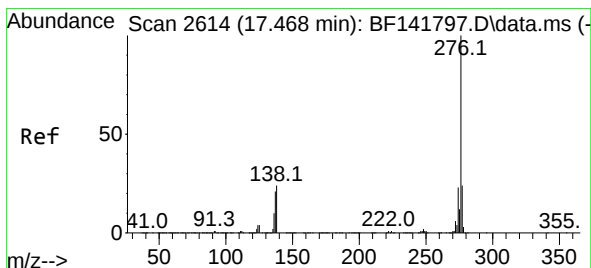
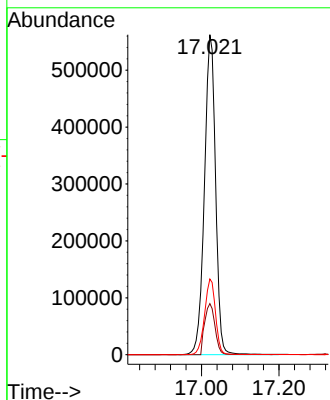
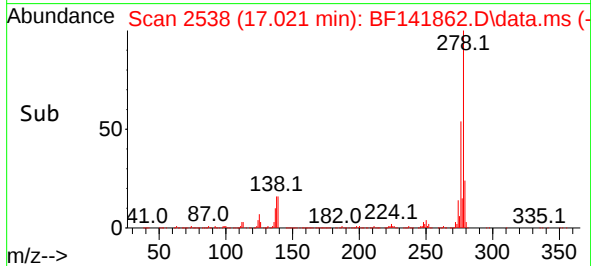
Instrument :
 BNA_F
 ClientSampleId :
 PB166982BS



Tgt Ion: 278 Resp: 1121408
 Ion Ratio Lower Upper
 278 100
 139 16.0 14.9 22.3
 279 23.7 19.3 28.9

Manual Integrations
 APPROVED

Reviewed By : Anahy Claudio 03/07/2025
 Supervised By : Jagrut Upadhyay 03/07/2025



#92
 Benzo(g,h,i)perylene
 Concen: 47.722 ng
 RT: 17.457 min Scan# 2612
 Delta R.T. -0.012 min
 Lab File: BF141862.D
 Acq: 06 Mar 2025 11:51

Tgt Ion: 276 Resp: 1098929
 Ion Ratio Lower Upper
 276 100
 277 23.8 19.4 29.0
 138 21.3 19.3 28.9

