

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
 Data File : BF141863.D
 Acq On : 06 Mar 2025 12:21
 Operator : RC/JU
 Sample : PB166982BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166982BSD

Manual Integrations
 APPROVED

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

Quant Time: Mar 06 13:20:09 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	218542	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	850562	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	458462	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	790298	20.000	ng	0.00
76) Chrysene-d12	14.045	240	569230	20.000	ng	0.00
86) Perylene-d12	15.516	264	468514	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1752700	128.078	ng	0.02
7) Phenol-d6	6.510	99	2176919	122.218	ng	0.00
23) Nitrobenzene-d5	7.445	82	1444229	108.534	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	749833	174.213	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2687024	93.977	ng	0.00
79) Terphenyl-d14	12.992	244	3345532	95.090	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.799	88	245824	39.589	ng	96
3) Pyridine	3.552	79	597312	38.662	ng	96
4) n-Nitrosodimethylamine	3.499	42	308594	41.513	ng	# 98
6) Aniline	6.546	93	674037	36.400	ng	100
8) 2-Chlorophenol	6.669	128	662613	44.760	ng	95
9) Benzaldehyde	6.434	77	238789	23.047	ng	100
10) Phenol	6.522	94	792480	41.636	ng	96
11) bis(2-Chloroethyl)ether	6.622	93	596528	41.116	ng	97
12) 1,3-Dichlorobenzene	6.828	146	691448	43.615	ng	99
13) 1,4-Dichlorobenzene	6.904	146	705397	44.160	ng	99
14) 1,2-Dichlorobenzene	7.057	146	671122	44.993	ng	99
15) Benzyl Alcohol	7.022	79	591716	41.567	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	773514	35.106	ng	96
17) 2-Methylphenol	7.134	107	527893	43.202	ng	99
18) Hexachloroethane	7.398	117	267400	44.725	ng	98
19) n-Nitroso-di-n-propyla...	7.298	70	450272	38.456	ng	98
20) 3+4-Methylphenols	7.281	107	650789	42.771	ng	94
22) Acetophenone	7.293	105	970026	46.826	ng	99
24) Nitrobenzene	7.463	77	690687	48.471	ng	100
25) Isophorone	7.704	82	1232538	43.115	ng	98
26) 2-Nitrophenol	7.781	139	343487	53.396	ng	97
27) 2,4-Dimethylphenol	7.810	122	566807	53.938	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	731505	40.113	ng	100
29) 2,4-Dichlorophenol	8.016	162	540126	44.554	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	590826	44.476	ng	99
31) Naphthalene	8.187	128	1884687	43.113	ng	99
32) Benzoic acid	7.934	122	460651	51.796	ng	98
33) 4-Chloroaniline	8.234	127	321805	20.077	ng	98
34) Hexachlorobutadiene	8.304	225	384615	46.592	ng	98
35) Caprolactam	8.598	113	188248m	50.476	ng	
36) 4-Chloro-3-methylphenol	8.710	107	591369	43.912	ng	98
37) 2-Methylnaphthalene	8.881	142	1181958	41.221	ng	99
38) 1-Methylnaphthalene	8.975	142	1150355	41.811	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	651413	49.197	ng	99
41) Hexachlorocyclopentadiene	9.034	237	859046	155.461	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	401927	46.992	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	413188	48.786	ng	98
46) 1,1'-Biphenyl	9.339	154	1676041	48.029	ng	99
47) 2-Chloronaphthalene	9.369	162	1141918	44.336	ng	99
48) 2-Nitroaniline	9.457	65	364440	51.359	ng	97
49) Acenaphthylene	9.781	152	1786900	46.273	ng	99
50) Dimethylphthalate	9.639	163	1369183	44.596	ng	100
51) 2,6-Dinitrotoluene	9.704	165	304076	51.550	ng	92
52) Acenaphthene	9.957	154	1328050	50.968	ng	99
53) 3-Nitroaniline	9.869	138	211617	34.701	ng	# 93
54) 2,4-Dinitrophenol	9.975	184	367510	117.425	ng	# 1
55) Dibenzofuran	10.128	168	1607693	42.391	ng	100
56) 4-Nitrophenol	10.028	139	553259	122.009	ng	95
57) 2,4-Dinitrotoluene	10.104	165	417704	57.474	ng	96
58) Fluorene	10.469	166	1265412	44.544	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	358697	48.696	ng	99
60) Diethylphthalate	10.345	149	1328398	43.160	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	629150	44.202	ng	99
62) 4-Nitroaniline	10.486	138	319616	60.958	ng	98
63) Azobenzene	10.622	77	1289983	39.805	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	230269	59.526	ng	94
66) n-Nitrosodiphenylamine	10.581	169	1115654	42.991	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	400867	43.426	ng	98
68) Hexachlorobenzene	11.016	284	455692	46.749	ng	98
69) Atrazine	11.104	200	454566	63.698	ng	99
70) Pentachlorophenol	11.210	266	601294	97.260	ng	100
71) Phenanthrene	11.433	178	1923192	45.494	ng	99
72) Anthracene	11.486	178	1952460	46.084	ng	100
73) Carbazole	11.633	167	1736199	46.406	ng	100
74) Di-n-butylphthalate	11.969	149	2025906	42.719	ng	100
75) Fluoranthene	12.616	202	2053372	47.405	ng	98
77) Benzidine	12.739	184	799850	111.640	ng	100
78) Pyrene	12.845	202	2085318	42.306	ng	100
80) Butylbenzylphthalate	13.463	149	818517	45.705	ng	98
81) Benzo(a)anthracene	14.033	228	1676262	44.583	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	320647	29.725	ng	99
83) Chrysene	14.069	228	1549956	44.720	ng	99
84) Bis(2-ethylhexyl)phtha...	14.022	149	1045650	46.892	ng	99
85) Di-n-octyl phthalate	14.633	149	1528127	45.774	ng	96
87) Indeno(1,2,3-cd)pyrene	17.004	276	1350529	45.269	ng	97
88) Benzo(b)fluoranthene	15.080	252	1402993	43.962	ng	100
89) Benzo(k)fluoranthene	15.116	252	1224702	45.150	ng	98
90) Benzo(a)pyrene	15.451	252	1215083	47.474	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	1095175	44.973	ng	97
92) Benzo(g,h,i)perylene	17.457	276	1042057	41.770	ng	97

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

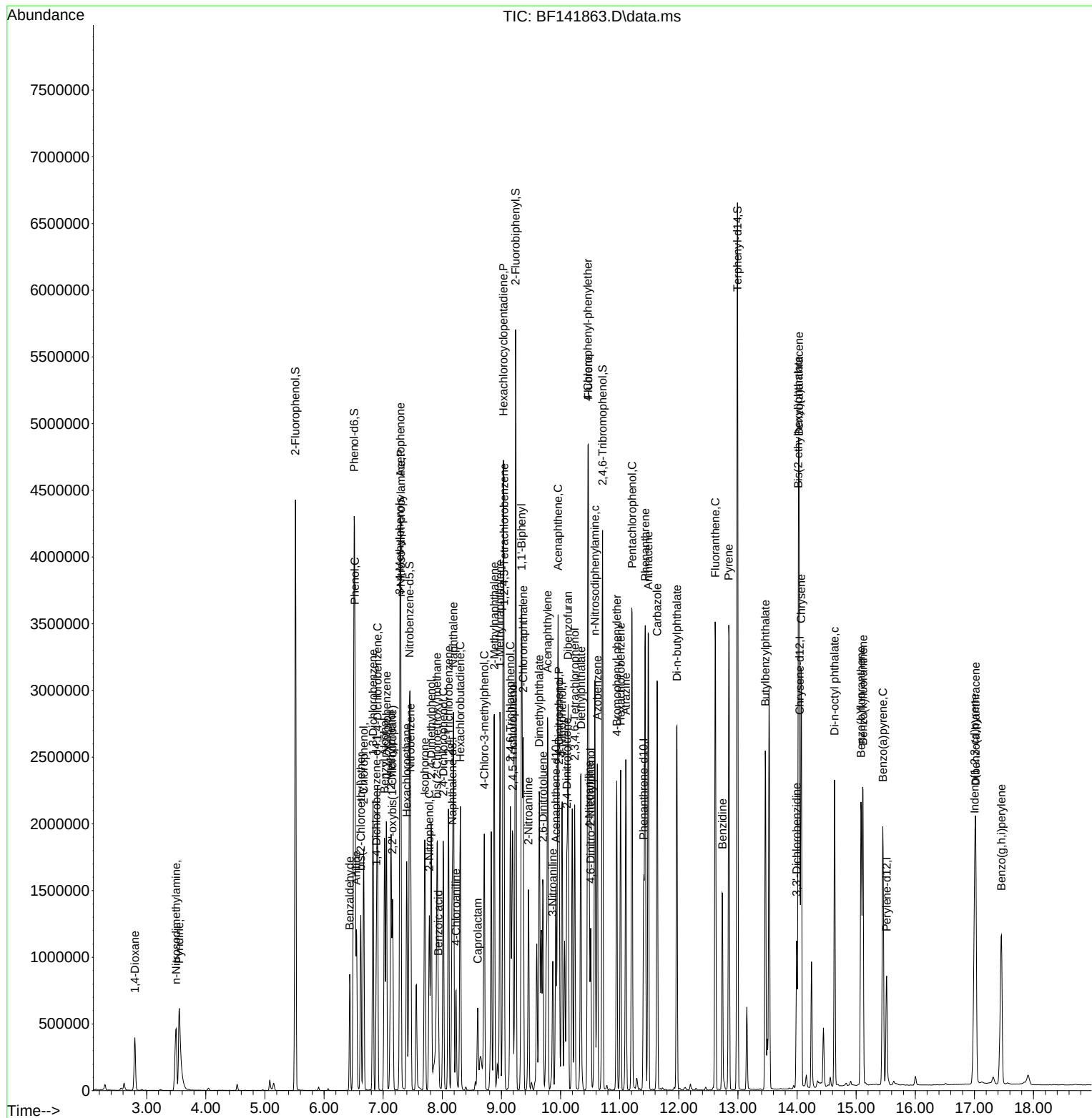
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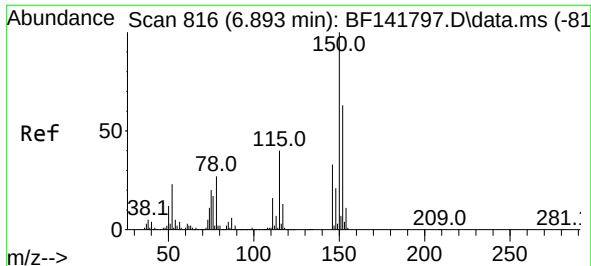
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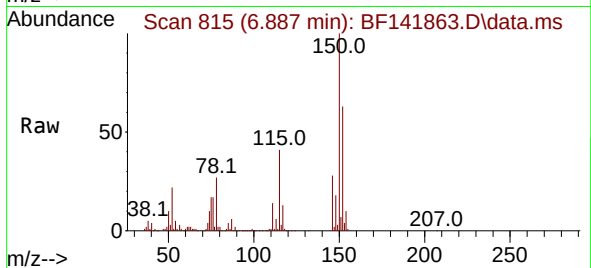
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF141863.D
 Acq: 06 Mar 2025 12:21

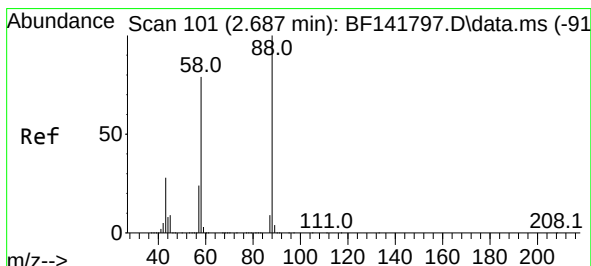
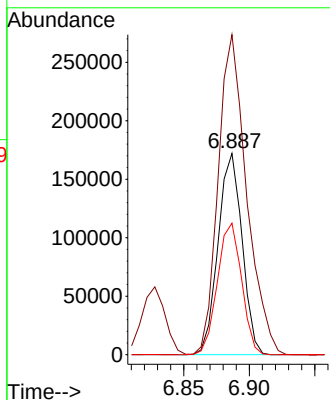
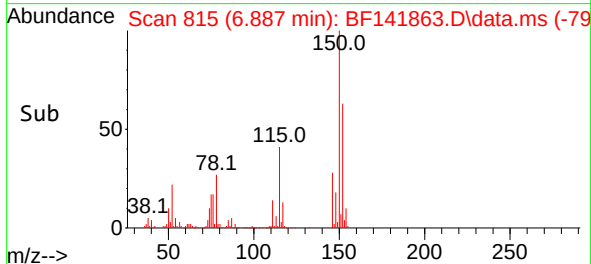
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 ClientSampleId :
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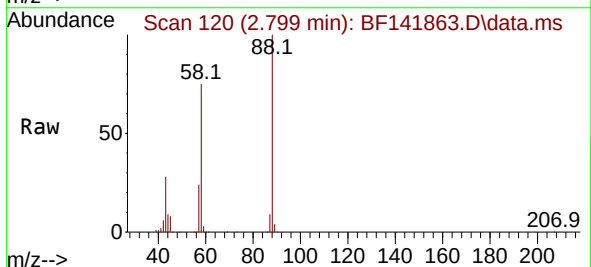
Tgt Ion:152 Resp: 21854
 Ion Ratio Lower Upper
 152 100
 150 159.0 127.5 191.3
 115 65.3 51.4 77.2

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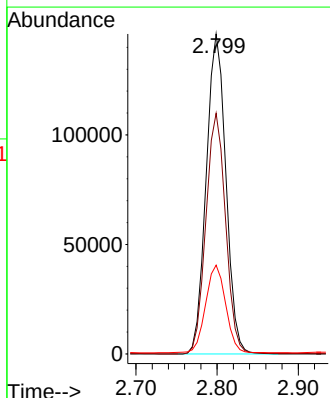
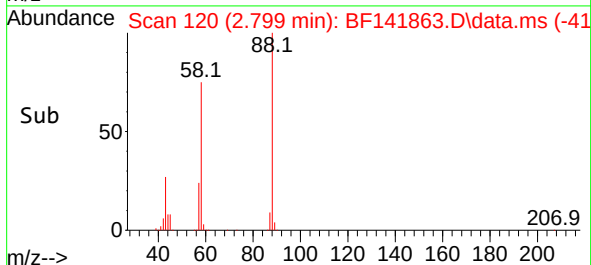
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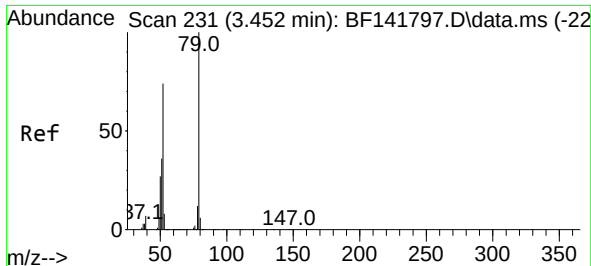


#2
 1,4-Dioxane
 Concen: 39.589 ng
 RT: 2.799 min Scan# 120
 Delta R.T. 0.112 min
 Lab File: BF141863.D
 Acq: 06 Mar 2025 12:21



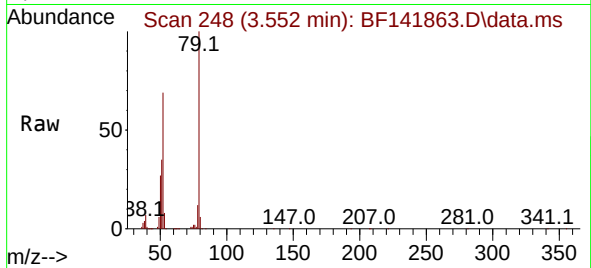
Tgt Ion: 88 Resp: 245824
 Ion Ratio Lower Upper
 88 100
 58 75.3 63.9 95.9
 43 28.0 23.0 34.6





#3
Pyridine
Concen: 38.662 ng
RT: 3.552 min Scan# 24
Delta R.T. 0.100 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

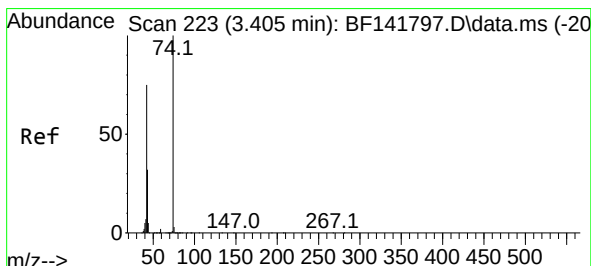
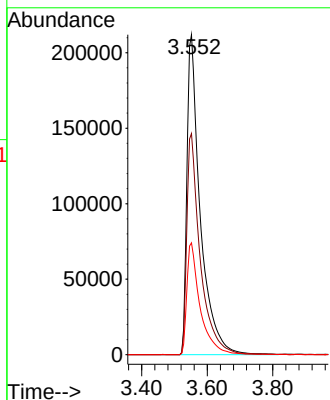
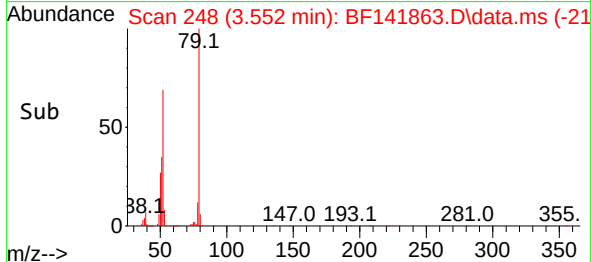
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Tgt Ion: 79 Resp: 597312
Ion Ratio Lower Upper
79 100
52 69.1 59.0 88.4
51 35.0 29.0 43.4

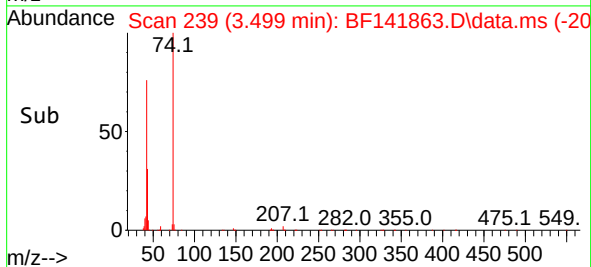
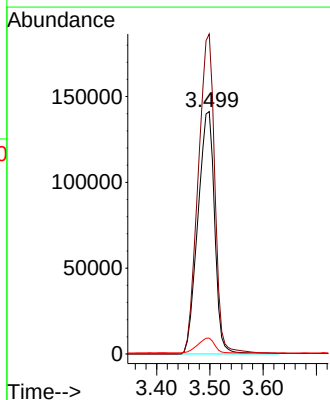
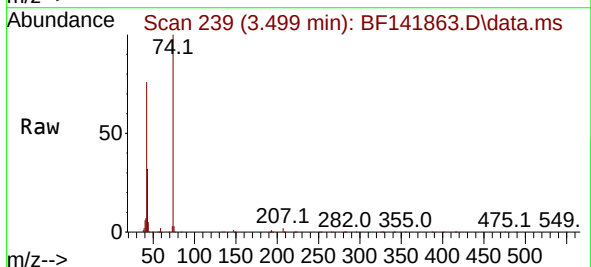
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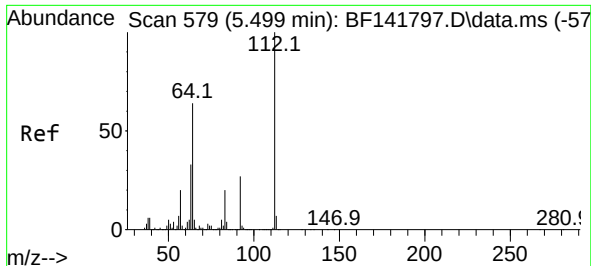
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#4
n-Nitrosodimethylamine
Concen: 41.513 ng
RT: 3.499 min Scan# 239
Delta R.T. 0.094 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

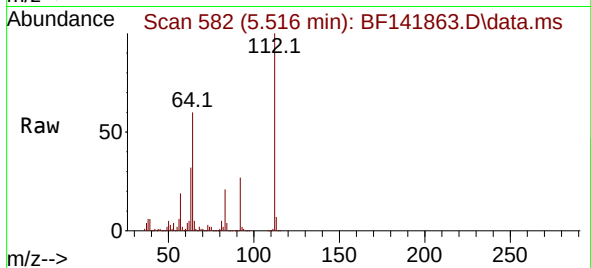
Tgt Ion: 42 Resp: 308594
Ion Ratio Lower Upper
42 100
74 132.0 107.1 160.7
44 6.5 6.6 9.8





#5
2-Fluorophenol
Concen: 128.078 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

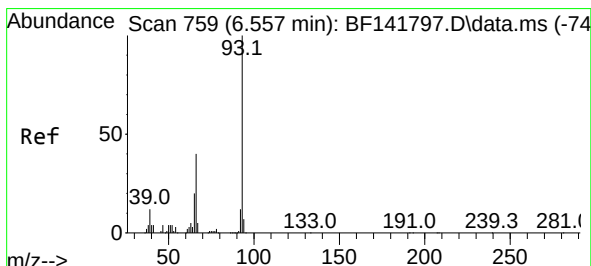
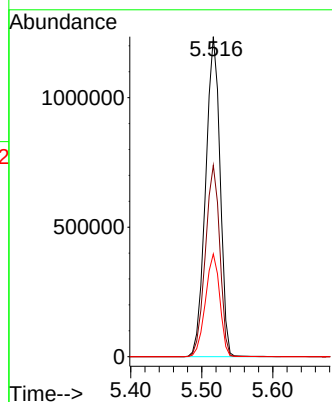
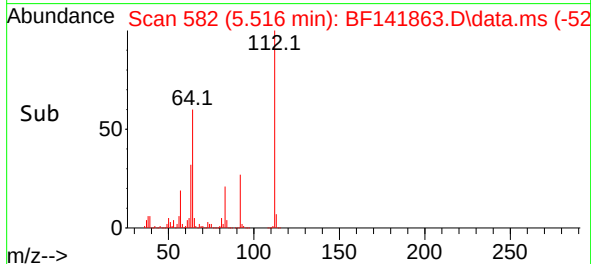
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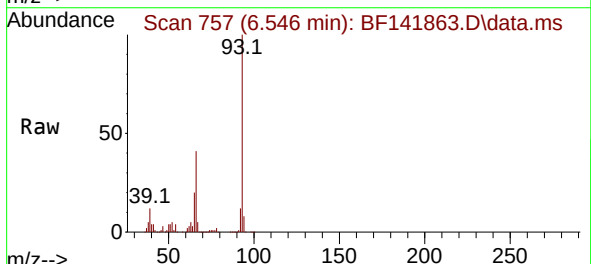
Tgt Ion: 112 Resp: 1752700
Ion Ratio Lower Upper
112 100
64 59.8 51.3 76.9
63 32.1 26.2 39.4

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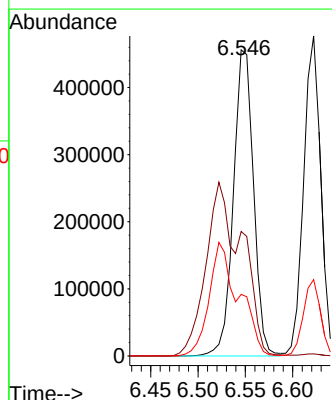
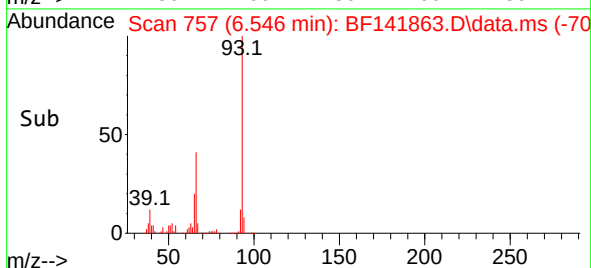
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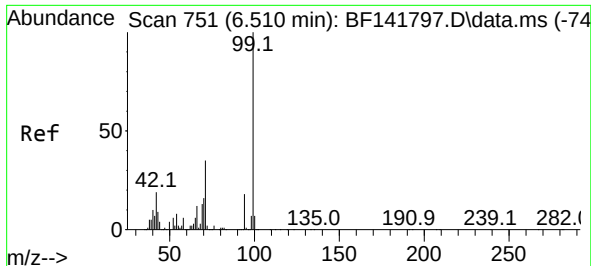


#6
Aniline
Concen: 36.400 ng
RT: 6.546 min Scan# 757
Delta R.T. -0.012 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21



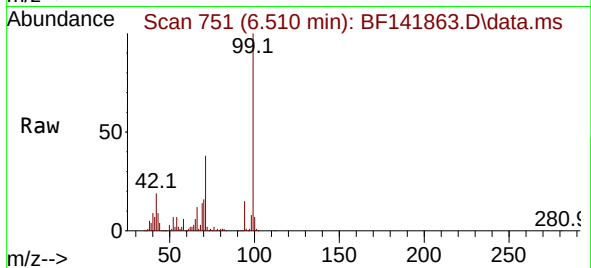
Tgt Ion: 93 Resp: 674037
Ion Ratio Lower Upper
93 100
66 40.7 32.3 48.5
65 20.2 15.9 23.9





#7
Phenol-d6
Concen: 122.218 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

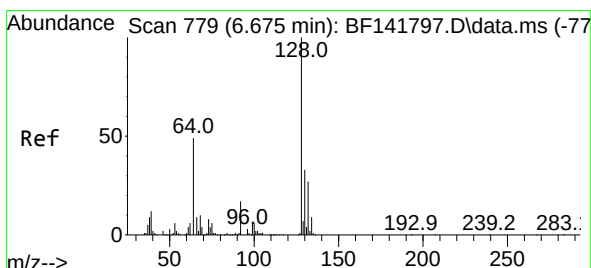
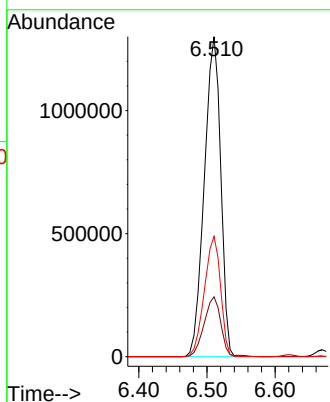
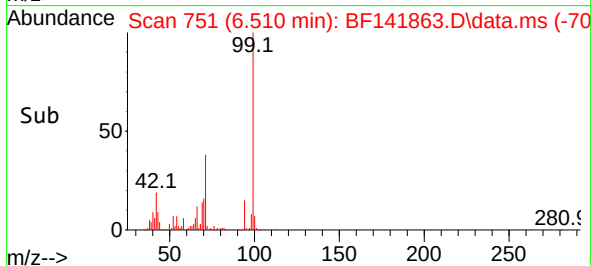
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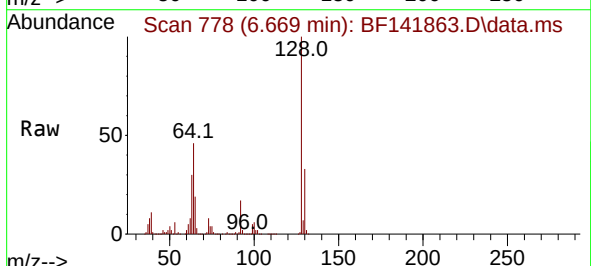
Tgt Ion: 99 Resp: 2176919
Ion Ratio Lower Upper
99 100
42 18.7 15.2 22.8
71 37.6 28.2 42.2

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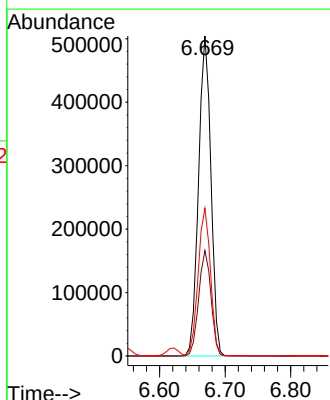
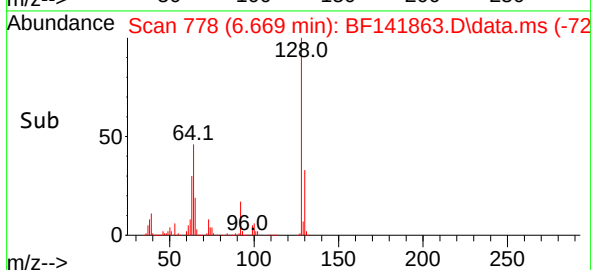
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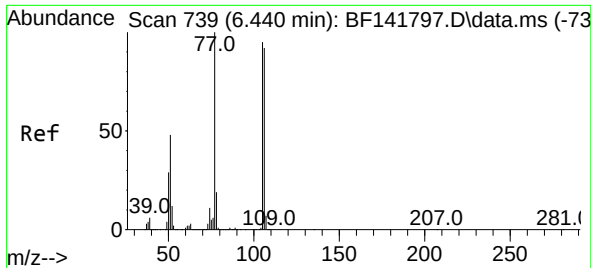


#8
2-Chlorophenol
Concen: 44.760 ng
RT: 6.669 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF141863.D
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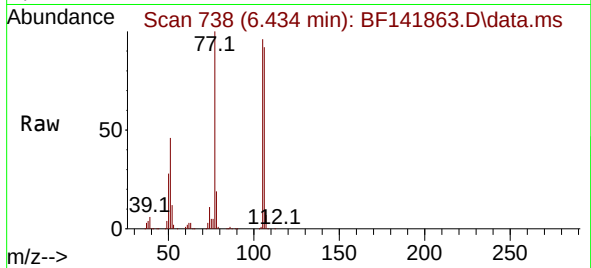
Tgt Ion:128 Resp: 662613
Ion Ratio Lower Upper
128 100
130 32.9 12.6 52.6
64 46.2 31.1 71.1





#9
Benzaldehyde
Concen: 23.047 ng
RT: 6.434 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF141863.D
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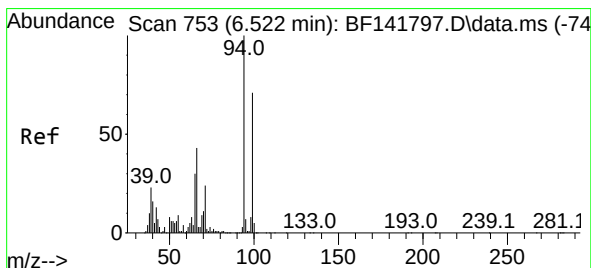
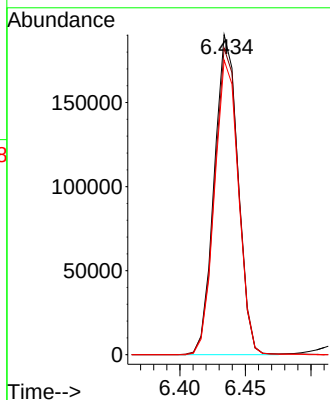
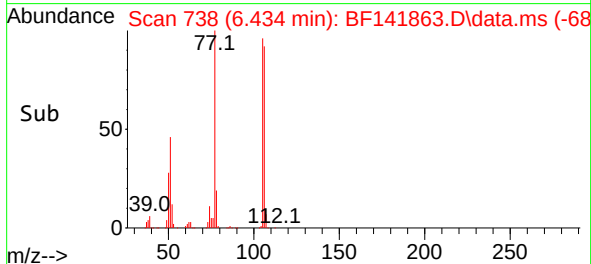
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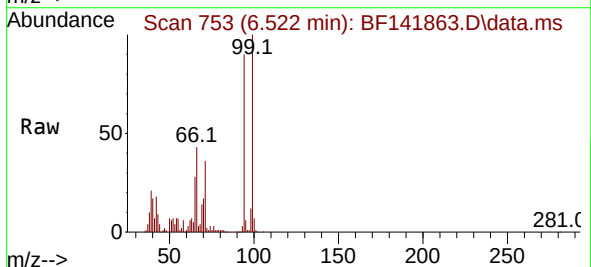
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Ion Ratio Lower Upper
77 100
105 95.8 75.3 115.3
106 92.1 72.3 112.3

Manual Integrations
APPROVED

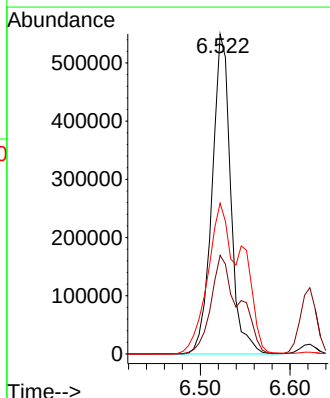
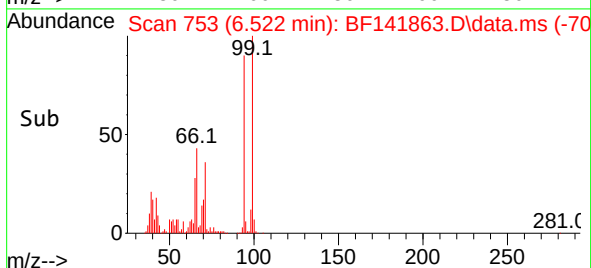
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025

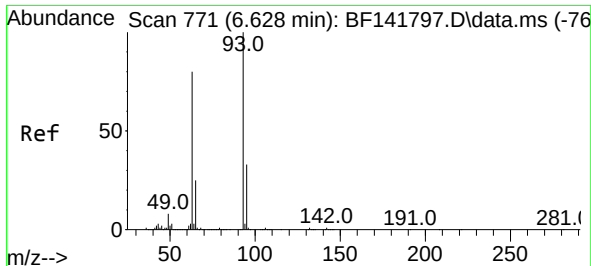


#10
Phenol
Concen: 41.636 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21



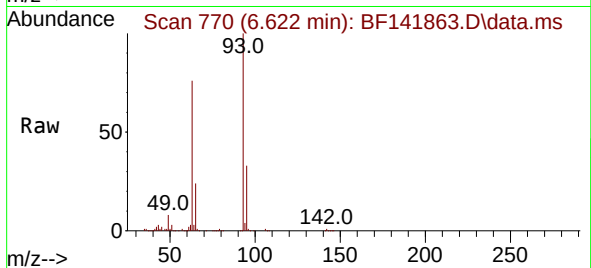
Tgt Ion: 94 Resp: 792480
Ion Ratio Lower Upper
94 100
65 30.8 10.2 50.2
66 47.1 23.2 63.2





#11
bis(2-Chloroethyl)ether
Concen: 41.116 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

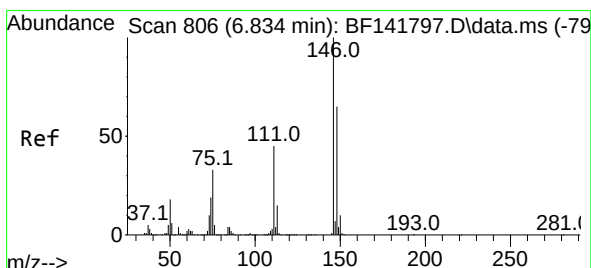
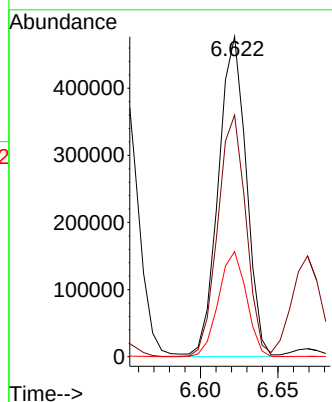
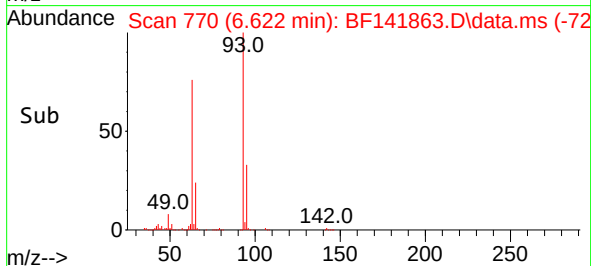
Instrument :
BNA_F
ClientSampleId :
PB166982BSD



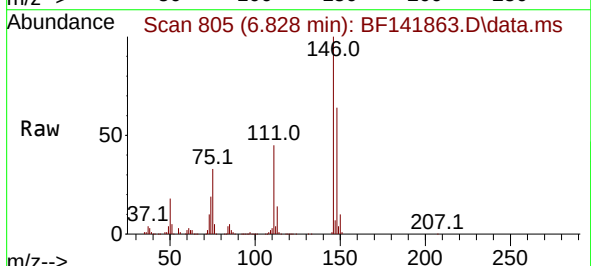
Tgt Ion: 93 Resp: 596528
Ion Ratio Lower Upper
93 100
63 75.5 59.3 99.3
95 32.9 13.2 53.2

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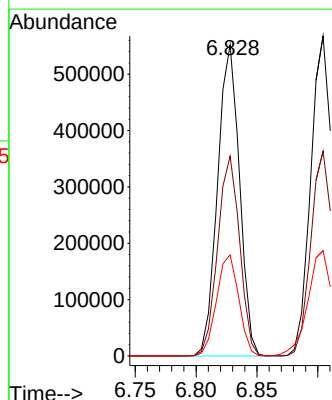
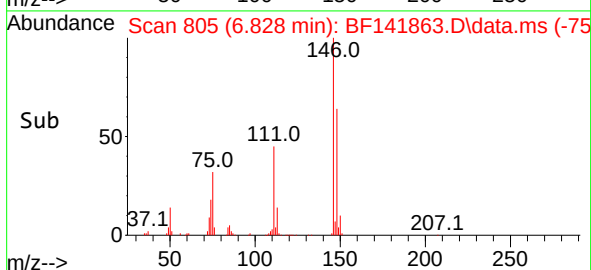
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025

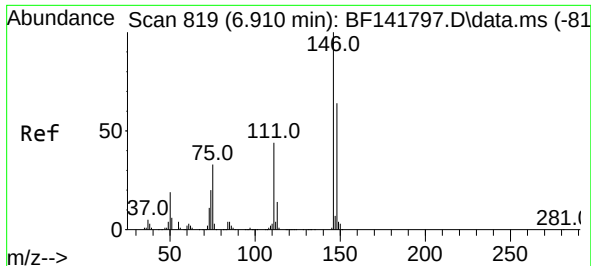


#12
1,3-Dichlorobenzene
Concen: 43.615 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21



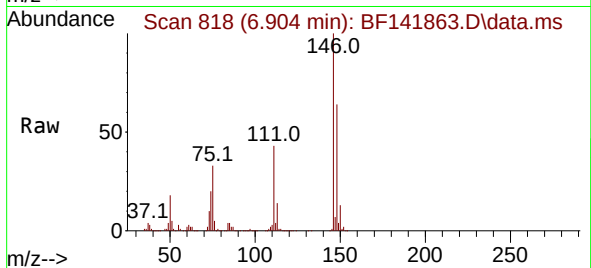
Tgt Ion:146 Resp: 691448
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.6
75 32.5 26.2 39.4





#13
1,4-Dichlorobenzene
Concen: 44.160 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

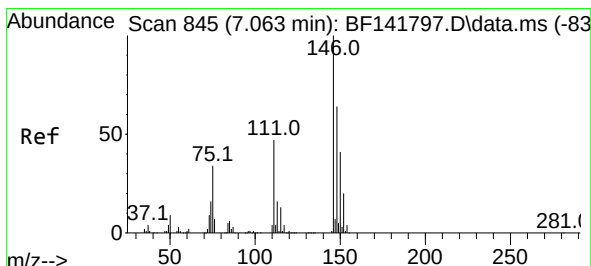
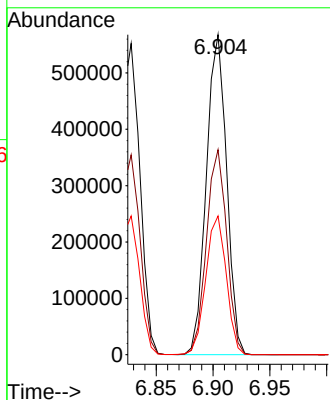
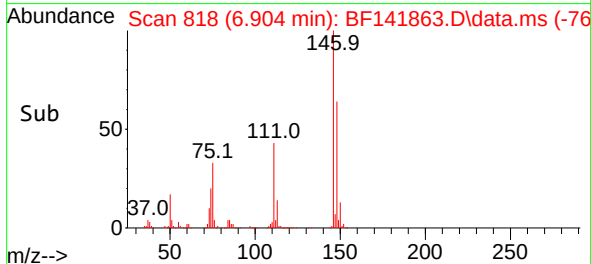
Instrument :
BNA_F
ClientSampleId :
PB166982BSD



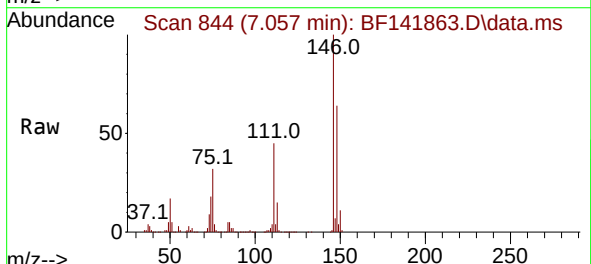
Tgt Ion:146 Resp: 70539
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.2
111 43.4 35.5 53.3

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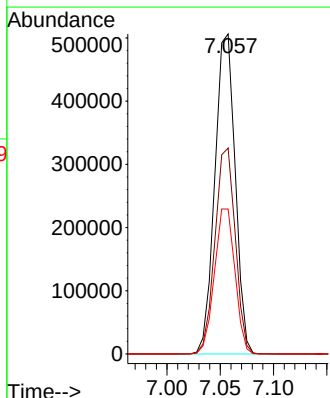
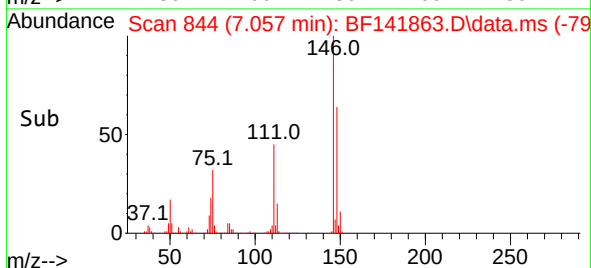
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025

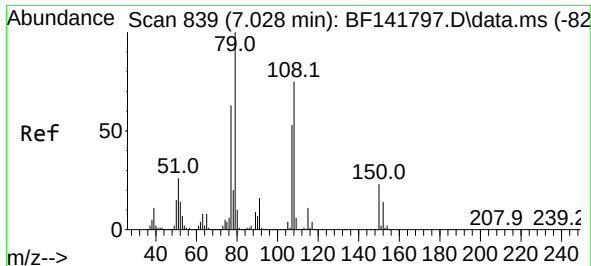


#14
1,2-Dichlorobenzene
Concen: 44.993 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21



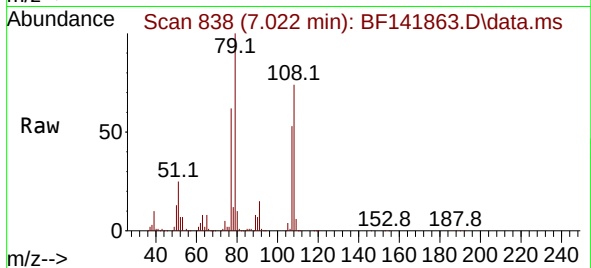
Tgt Ion:146 Resp: 671122
Ion Ratio Lower Upper
146 100
148 64.4 51.2 76.8
111 45.3 37.8 56.6





#15
Benzyl Alcohol
Concen: 41.567 ng
RT: 7.022 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

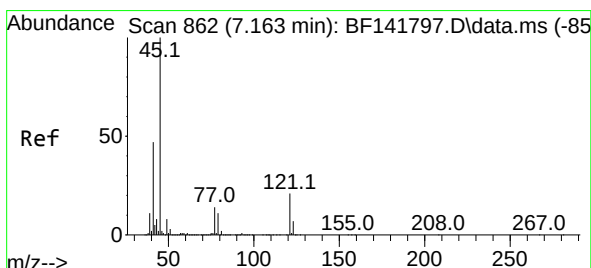
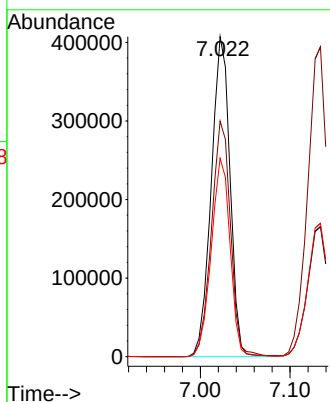
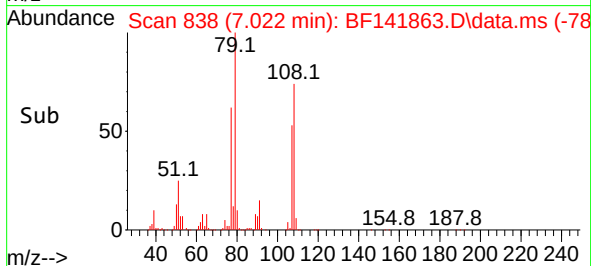
Instrument :
BNA_F
ClientSampleId :
PB166982BSD



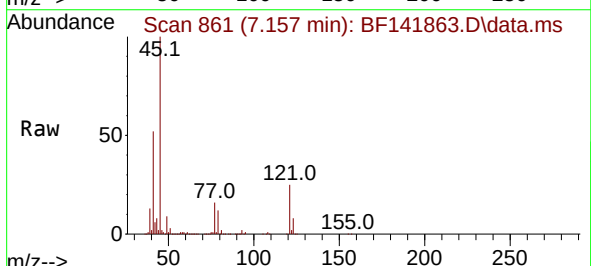
Tgt Ion: 79 Resp: 591710
Ion Ratio Lower Upper
79 100
108 73.6 60.2 90.2
77 62.0 50.2 75.2

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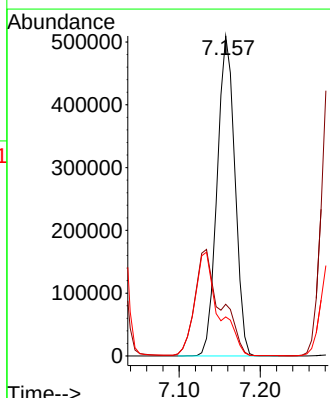
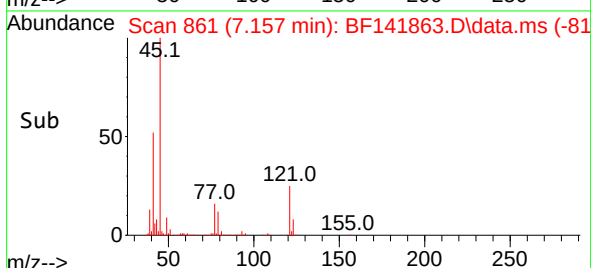
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025

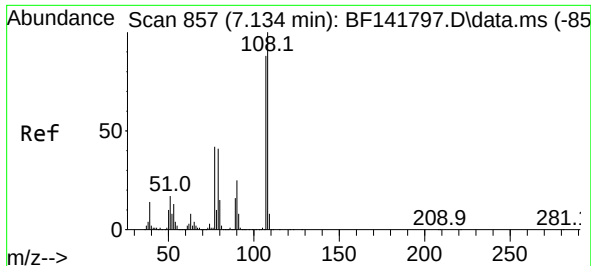


#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.106 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21



Tgt Ion: 45 Resp: 773514
Ion Ratio Lower Upper
45 100
77 16.2 0.0 34.4
79 12.2 0.0 30.9





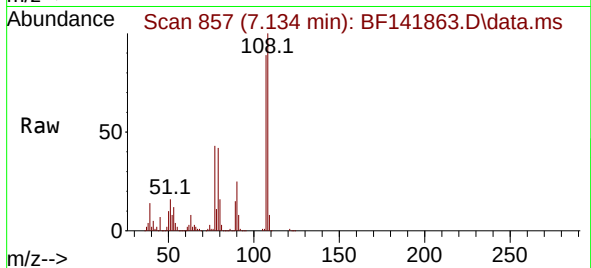
#17
2-Methylphenol
Concen: 43.202 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

Instrument :

BNA_F

ClientSampleId :

PB166982BSD

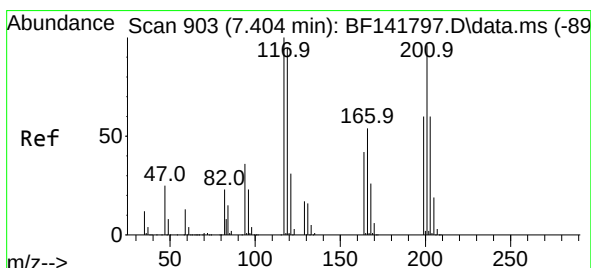
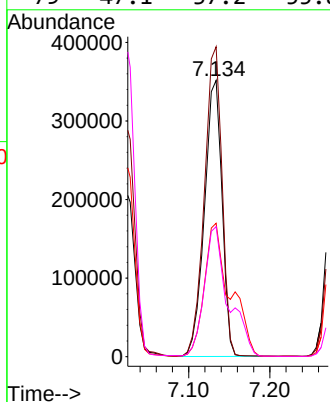
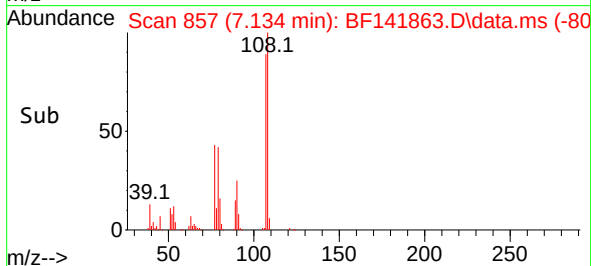


Tgt Ion:107 Resp: 52789
Ion Ratio Lower Upper
107 100
108 112.2 90.6 135.8
77 48.3 37.7 56.5
79 47.1 37.2 55.8

Manual Integrations

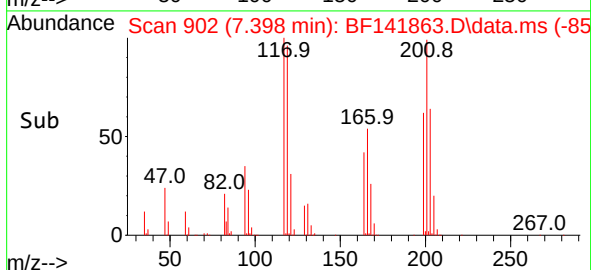
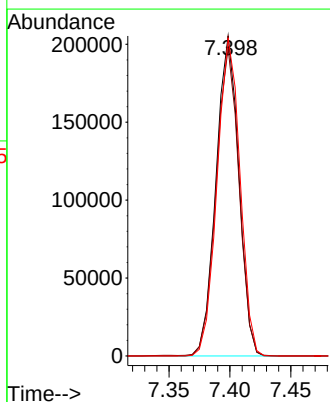
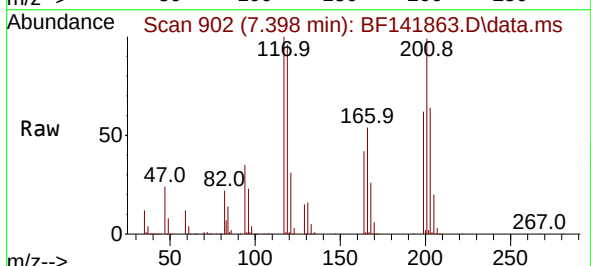
APPROVED

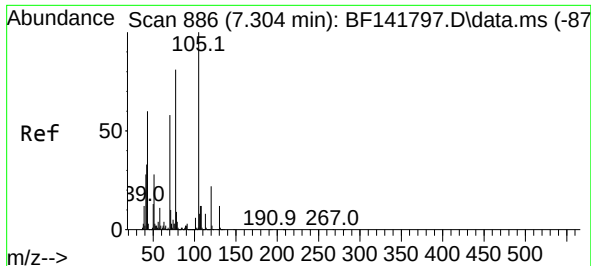
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#18
Hexachloroethane
Concen: 44.725 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

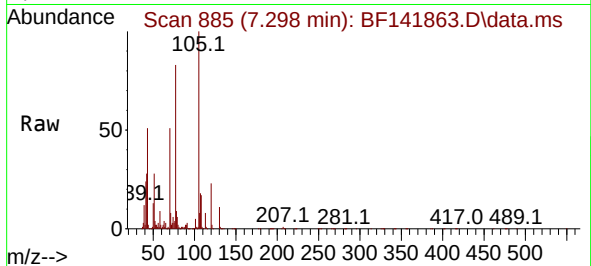
Tgt Ion:117 Resp: 267400
Ion Ratio Lower Upper
117 100
119 96.1 75.8 113.8
201 99.3 76.7 115.1





#19
n-Nitroso-di-n-propylamine
Concen: 38.456 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

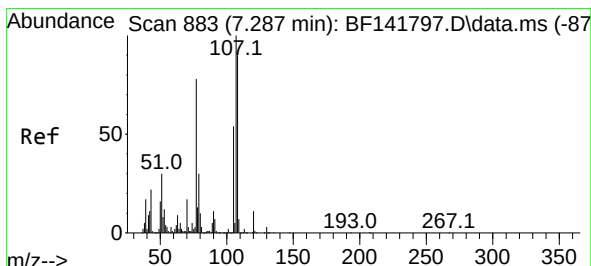
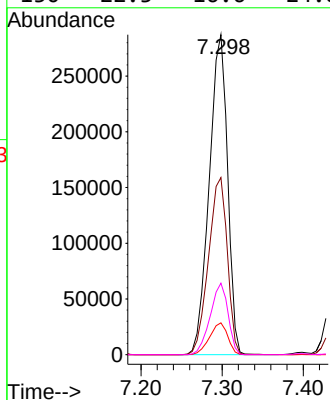
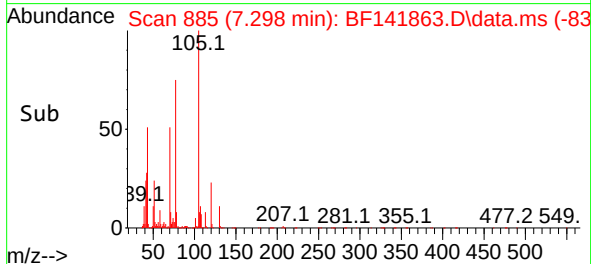
Instrument :
BNA_F
ClientSampleId :
PB166982BSD



Tgt Ion: 70 Resp: 450272
Ion Ratio Lower Upper
70 100
42 55.4 45.4 68.0
101 9.9 7.8 11.8
130 22.3 16.6 24.8

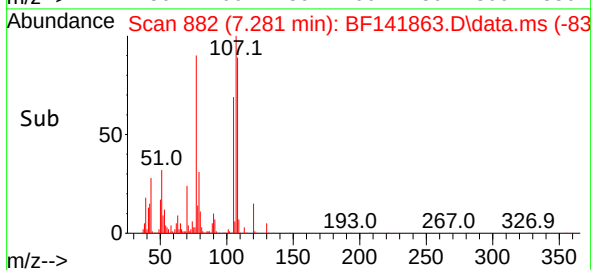
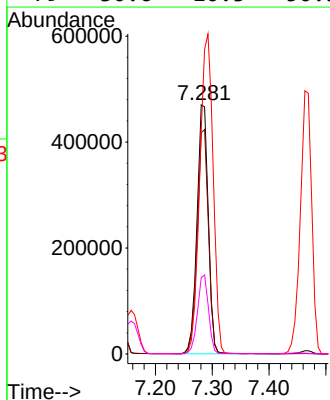
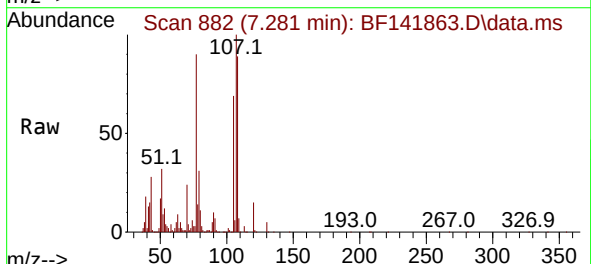
Manual Integrations
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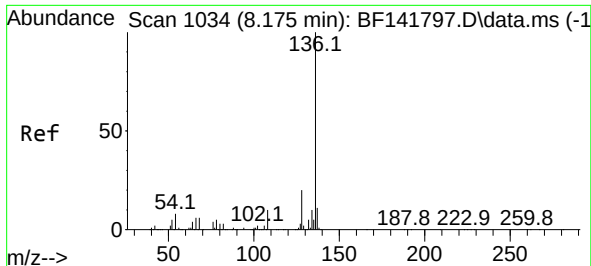
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#20
3+4-Methylphenols
Concen: 42.771 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

Tgt Ion:107 Resp: 650789
Ion Ratio Lower Upper
107 100
108 88.8 69.7 109.7
77 89.8 58.3 98.3
79 30.6 10.3 50.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

Instrument :

BNA_F

ClientSampleId :

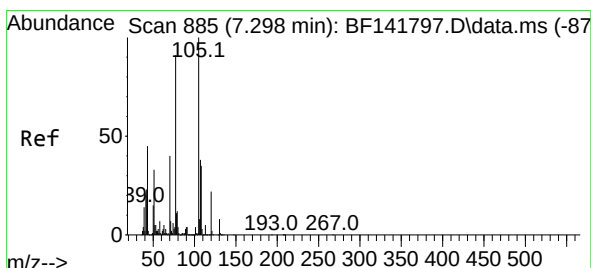
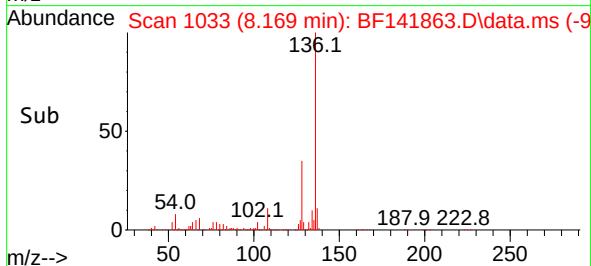
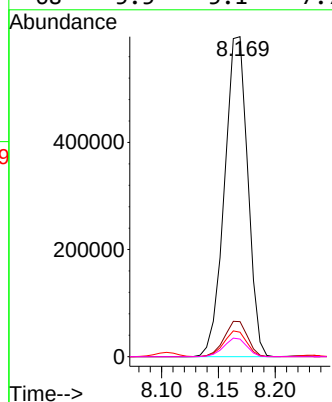
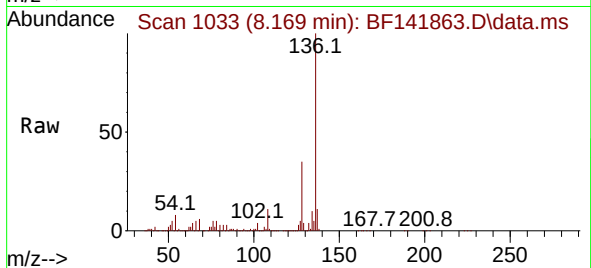
PB166982BSD

Tgt Ion:136 Resp: 850562
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.6 6.9 10.3
68 5.5 5.1 7.7

Manual Integrations

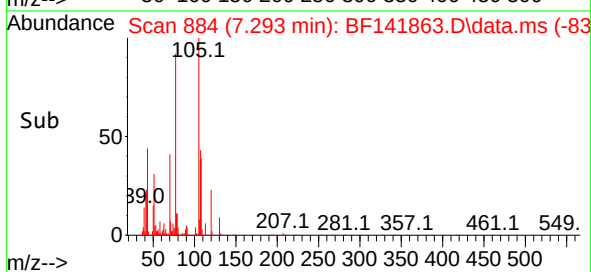
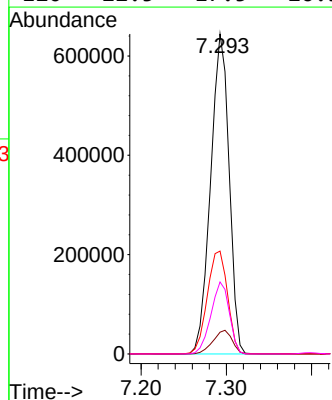
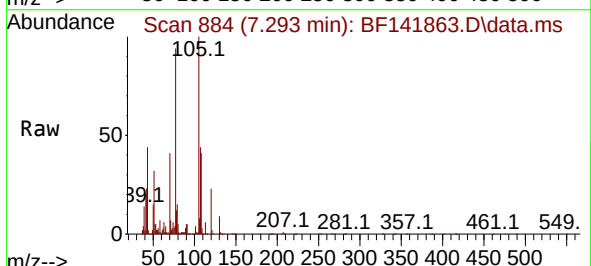
APPROVED

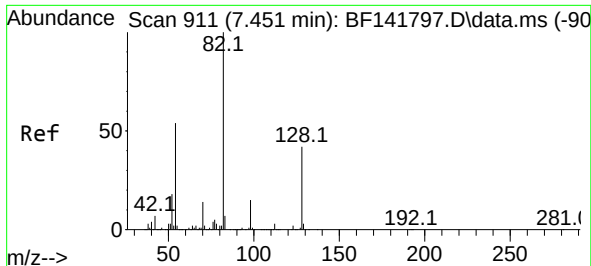
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#22
Acetophenone
Concen: 46.826 ng
RT: 7.293 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

Tgt Ion:105 Resp: 970026
Ion Ratio Lower Upper
105 100
71 6.8 5.4 8.0
51 32.1 26.1 39.1
120 22.5 17.5 26.3





#23

Nitrobenzene-d5

Concen: 108.534 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF141863.D

Acq: 06 Mar 2025 12:21

Instrument :

BNA_F

ClientSampleId :

PB166982BSD

Tgt Ion: 82 Resp: 1444229

Ion Ratio Lower Upper

82 100

128 44.4 33.5 50.3

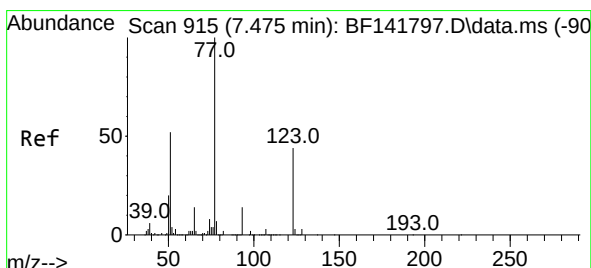
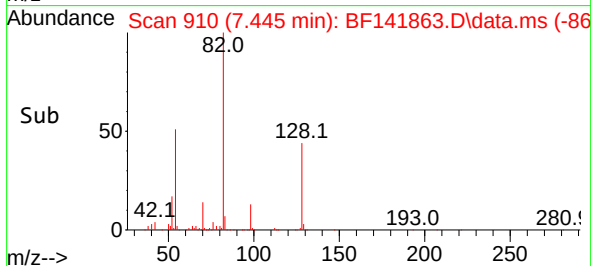
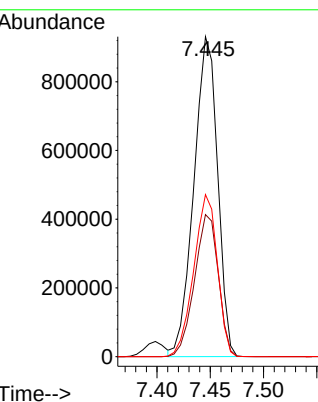
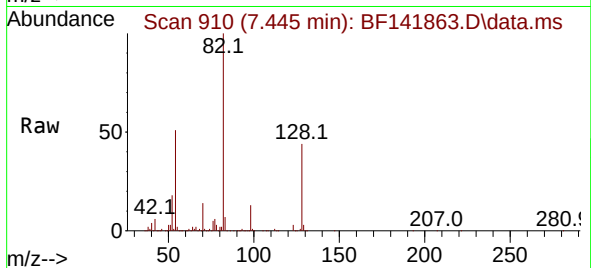
54 50.6 42.7 64.1

Manual Integrations

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Reviewed By :Anahy Claudio 03/07/2025

Supervised By :Jagrut Upadhyay 03/07/2025



#24

Nitrobenzene

Concen: 48.471 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.012 min

Lab File: BF141863.D

Acq: 06 Mar 2025 12:21

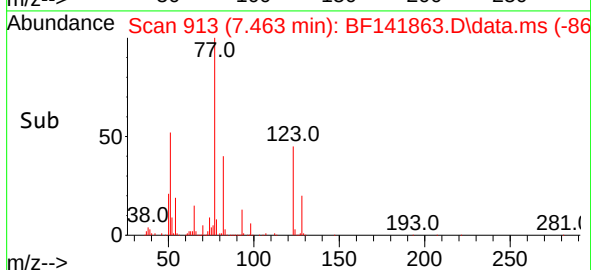
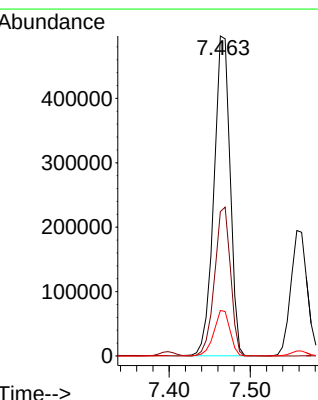
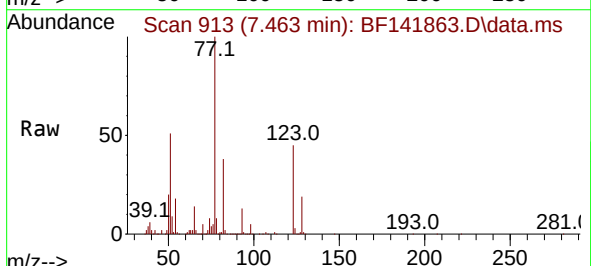
Tgt Ion: 77 Resp: 690687

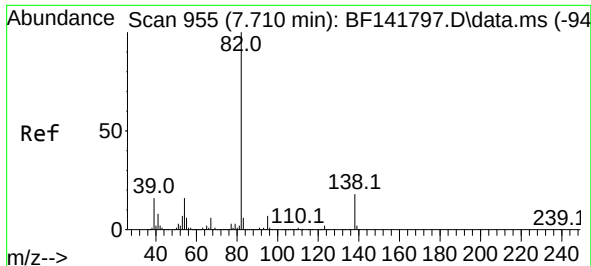
Ion Ratio Lower Upper

77 100

123 45.1 35.8 53.8

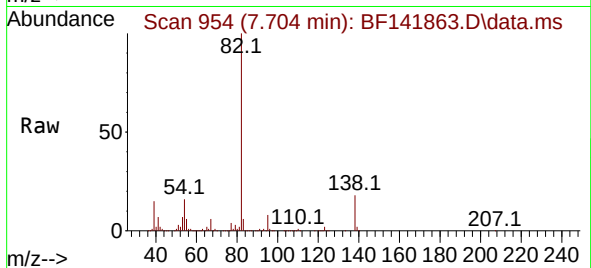
65 14.2 11.2 16.8





#25
Isophorone
Concen: 43.115 ng
RT: 7.704 min Scan# 954
Delta R.T. -0.006 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

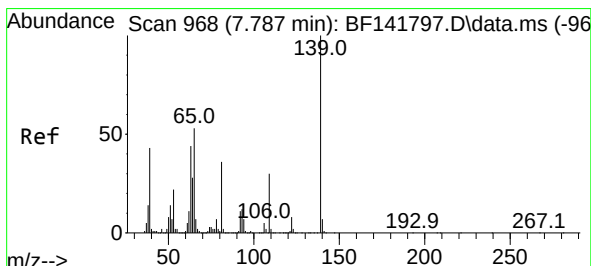
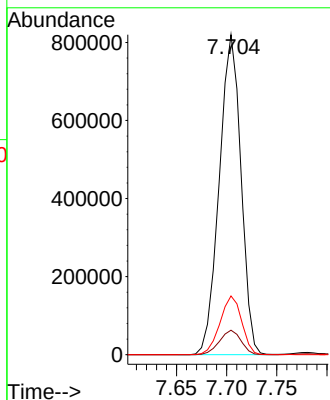
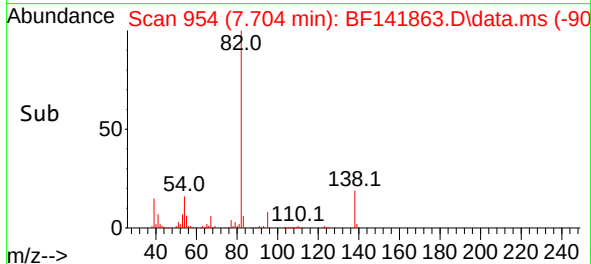
Instrument :
BNA_F
ClientSampleId :
PB166982BSD



Tgt Ion: 82 Resp: 1232538
Ion Ratio Lower Upper
82 100
95 7.6 5.8 8.8
138 18.4 14.0 21.0

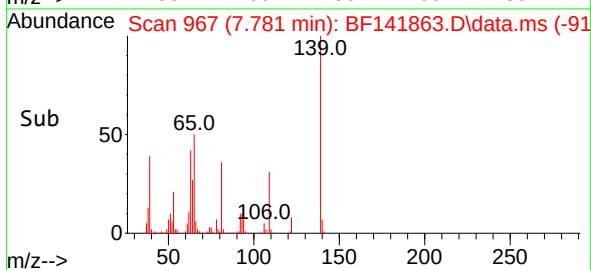
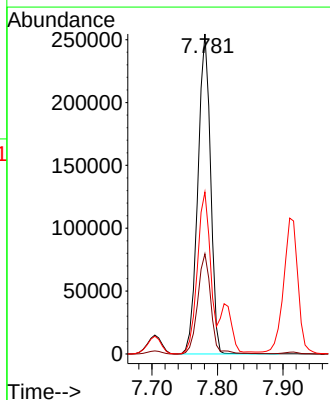
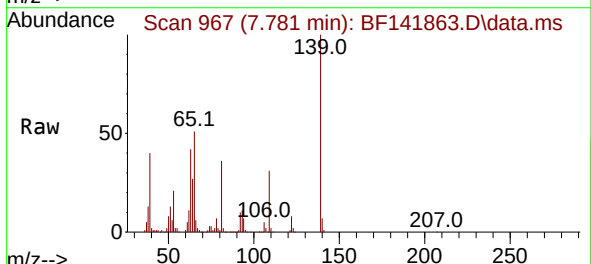
Manual Integrations
APPROVED

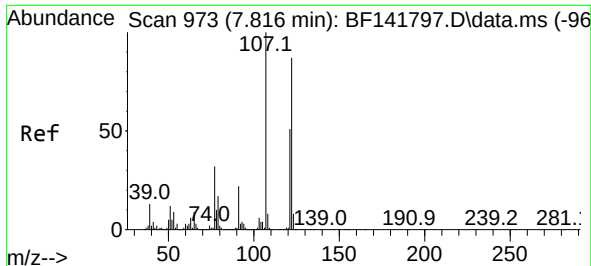
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#26
2-Nitrophenol
Concen: 53.396 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

Tgt Ion:139 Resp: 343487
Ion Ratio Lower Upper
139 100
109 31.3 24.1 36.1
65 50.6 42.3 63.5





#27

2,4-Dimethylphenol

Concen: 53.938 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141863.D

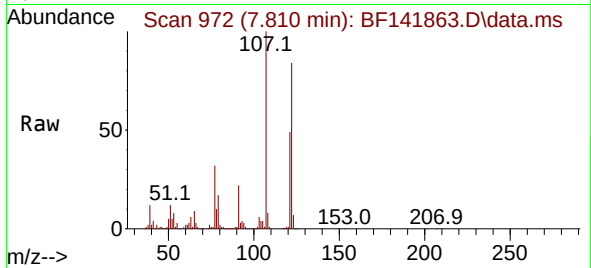
Acq: 06 Mar 2025 12:21

Instrument :

BNA_F

ClientSampleId :

PB166982BSD



Tgt Ion:122 Resp: 56680

Ion Ratio Lower Upper

122 100

107 119.3 92.5 138.7

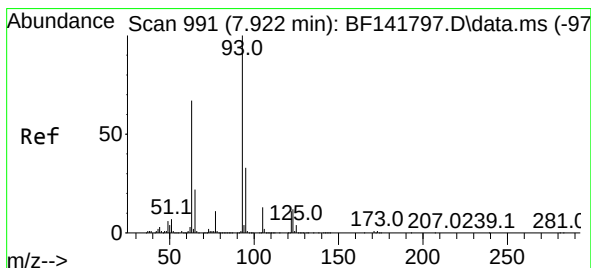
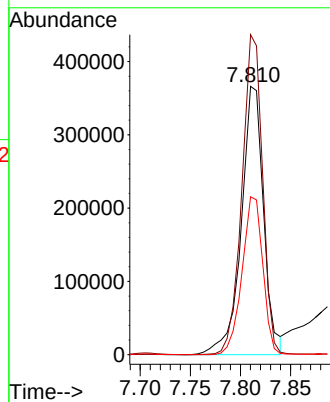
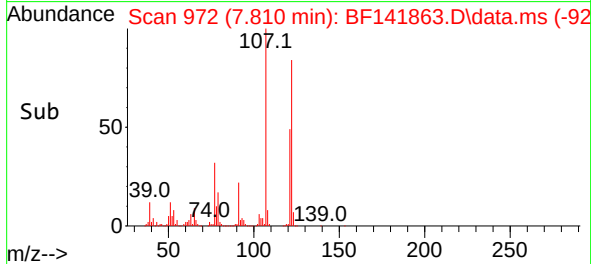
121 58.8 47.1 70.7

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/07/2025

Supervised By :Jagrut Upadhyay 03/07/2025



#28

bis(2-Chloroethoxy)methane

Concen: 40.113 ng

RT: 7.910 min Scan# 989

Delta R.T. -0.012 min

Lab File: BF141863.D

Acq: 06 Mar 2025 12:21

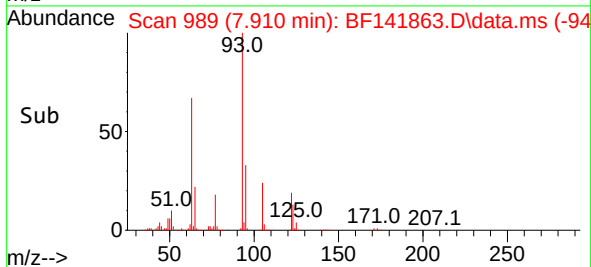
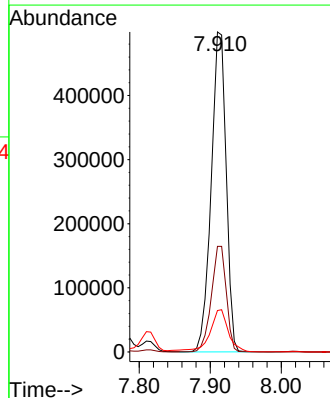
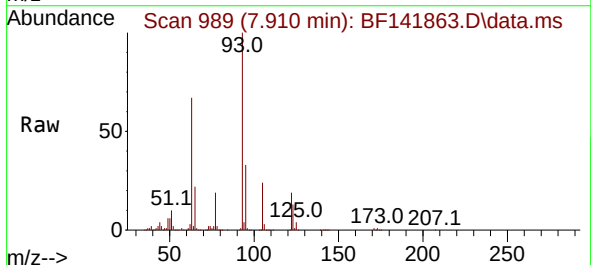
Tgt Ion: 93 Resp: 731505

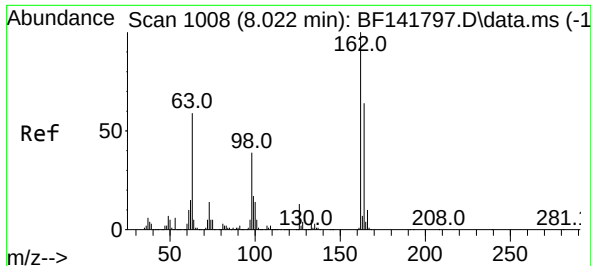
Ion Ratio Lower Upper

93 100

95 33.0 26.5 39.7

123 12.9 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 44.554 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF141863.D

Acq: 06 Mar 2025 12:21

Instrument :

BNA_F

ClientSampleId :

PB166982BSD

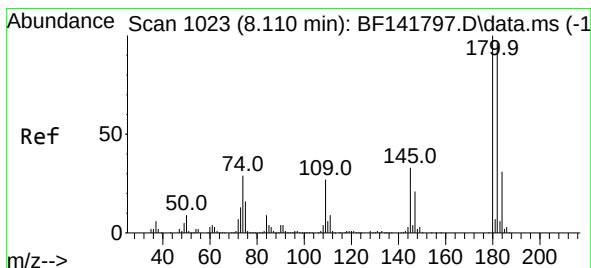
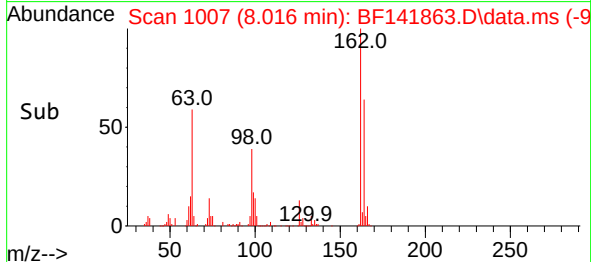
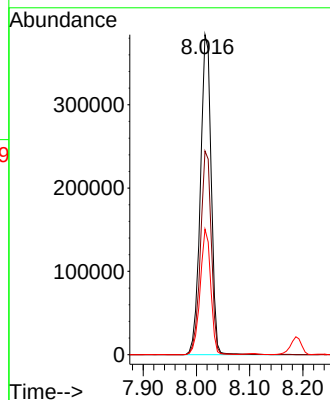
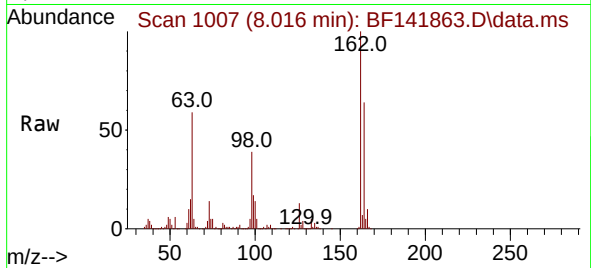
Tgt Ion:162 Resp: 540120
 Ion Ratio Lower Upper
 162 100
 164 63.7 44.3 84.3
 98 39.2 19.6 59.6

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/07/2025

Supervised By :Jagrut Upadhyay 03/07/2025



#30

1,2,4-Trichlorobenzene

Concen: 44.476 ng

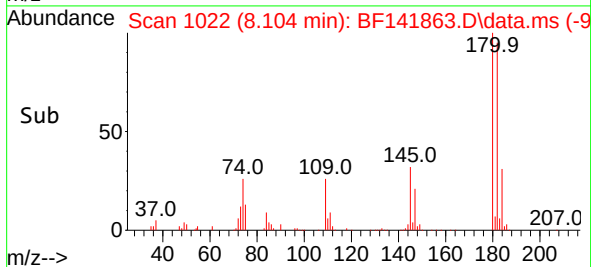
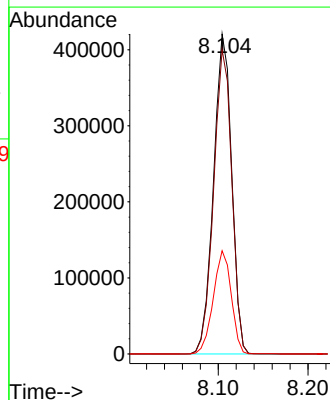
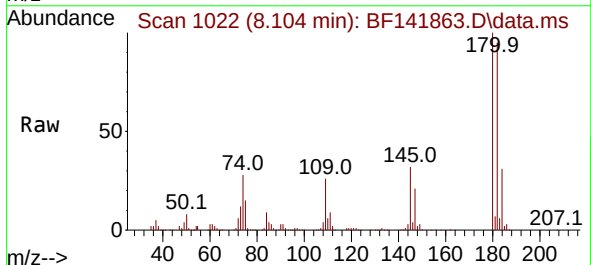
RT: 8.104 min Scan# 1022

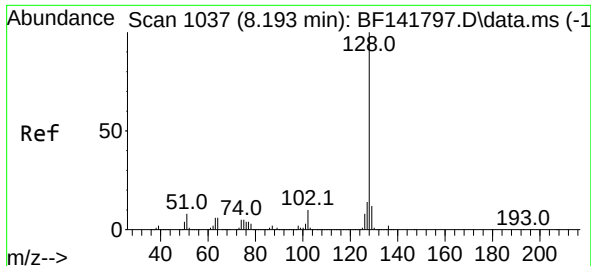
Delta R.T. -0.006 min

Lab File: BF141863.D

Acq: 06 Mar 2025 12:21

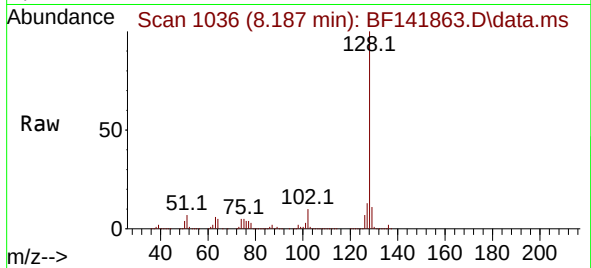
Tgt Ion:180 Resp: 590826
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.8 115.2
 145 32.2 26.4 39.6





#31
Naphthalene
Concen: 43.113 ng
RT: 8.187 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

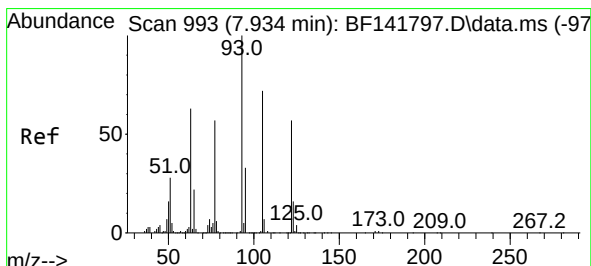
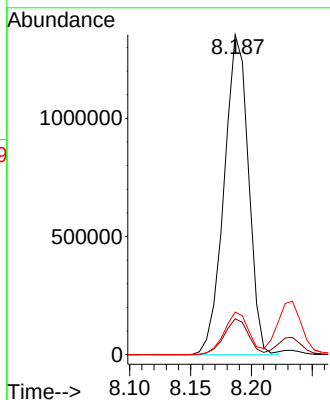
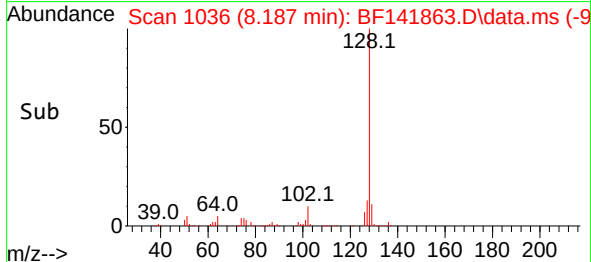
Instrument :
BNA_F
ClientSampleId :
PB166982BSD



Tgt Ion:128 Resp: 188468
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.3 11.0 16.4

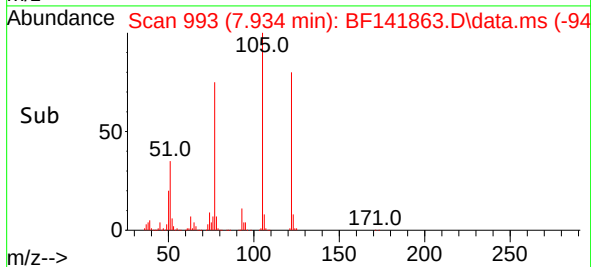
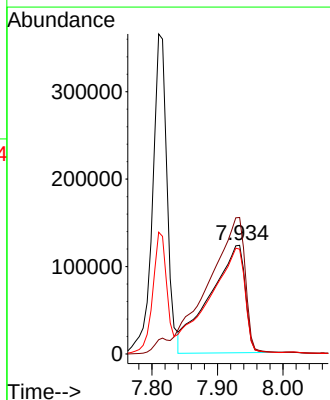
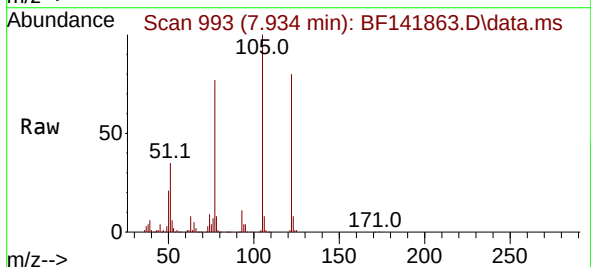
Manual Integrations
APPROVED

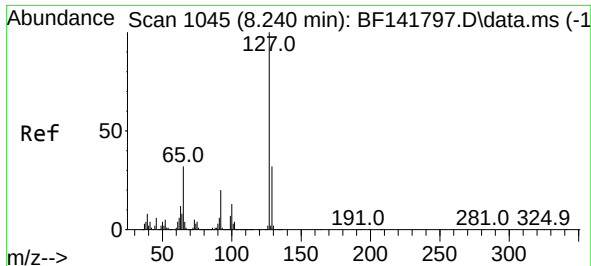
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#32
Benzoic acid
Concen: 51.796 ng
RT: 7.934 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

Tgt Ion:122 Resp: 460651
Ion Ratio Lower Upper
122 100
105 125.6 105.8 145.8
77 96.5 79.9 119.9





#33

4-Chloroaniline

Concen: 20.077 ng

RT: 8.234 min Scan# 1044

Delta R.T. -0.006 min

Lab File: BF141863.D

Acq: 06 Mar 2025 12:21

Instrument :

BNA_F

ClientSampleId :

PB166982BSD

Tgt Ion:127 Resp: 32180

Ion Ratio Lower Upper

127 100

129 32.3 26.1 39.1

65 30.4 25.7 38.5

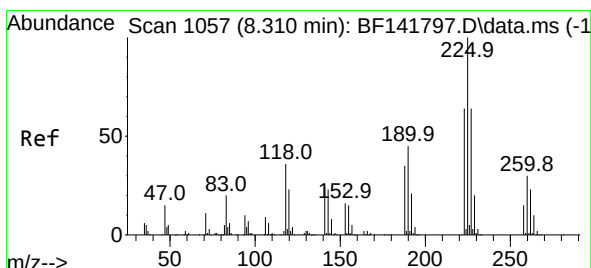
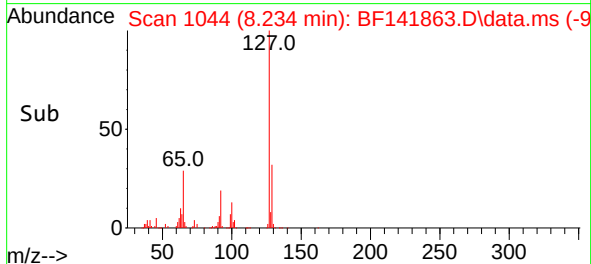
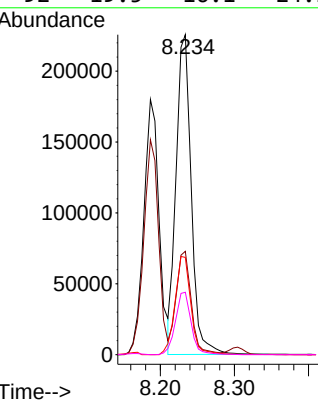
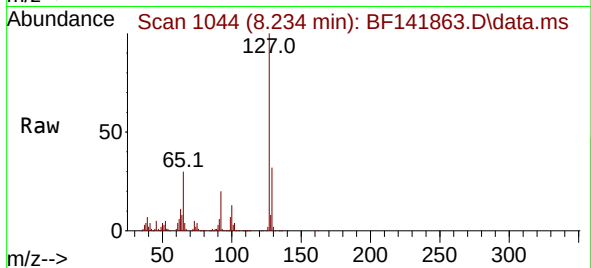
92 19.5 16.1 24.1

Manual Integrations

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Reviewed By :Anahy Claudio 03/07/2025

Supervised By :Jagrut Upadhyay 03/07/2025



#34

Hexachlorobutadiene

Concen: 46.592 ng

RT: 8.304 min Scan# 1056

Delta R.T. -0.006 min

Lab File: BF141863.D

Acq: 06 Mar 2025 12:21

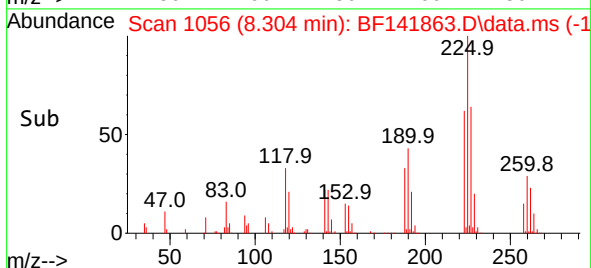
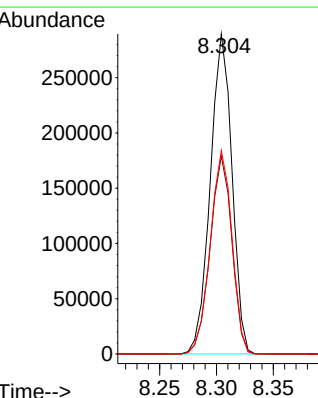
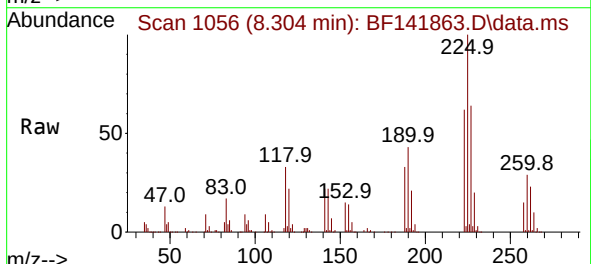
Tgt Ion:225 Resp: 384615

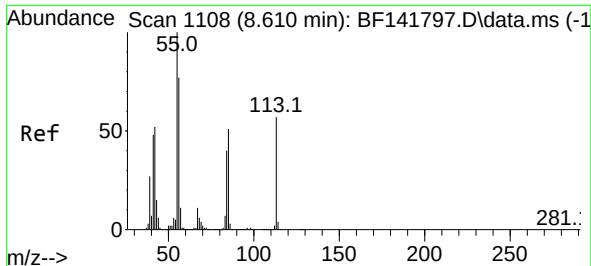
Ion Ratio Lower Upper

225 100

223 61.8 51.4 77.2

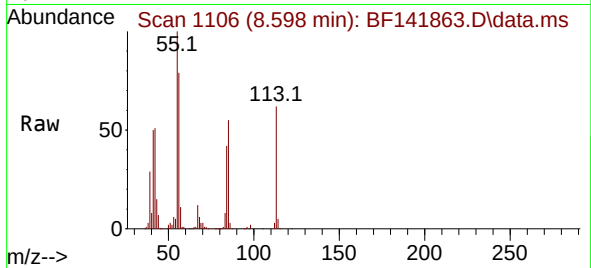
227 63.6 51.6 77.4





#35
Caprolactam
Concen: 50.476 ng m
RT: 8.598 min Scan# 1106
Delta R.T. -0.012 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

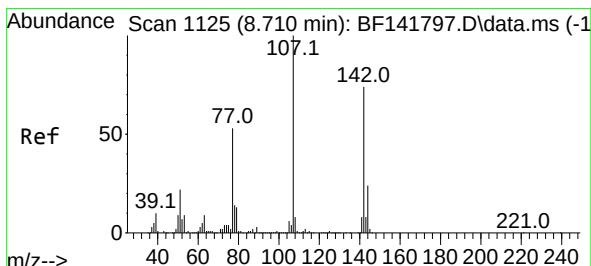
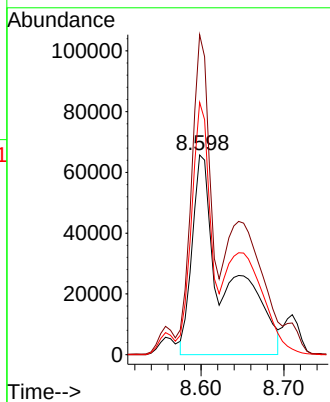
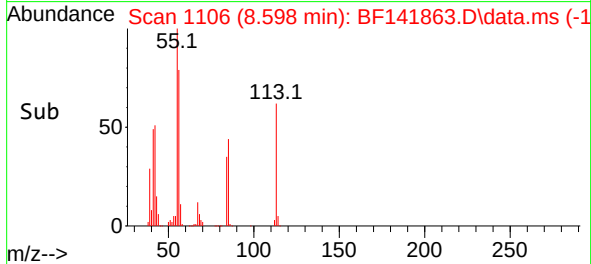
Instrument :
BNA_F
ClientSampleId :
PB166982BSD



Tgt Ion:113 Resp: 188248
Ion Ratio Lower Upper
113 100
55 160.3 155.6 195.6
56 126.4 114.6 154.6

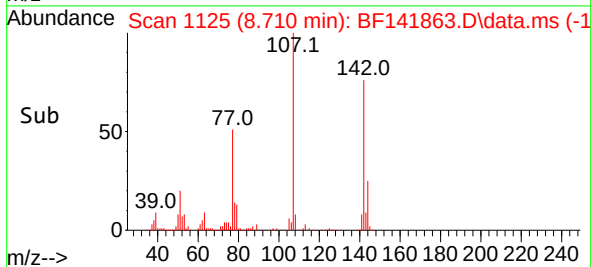
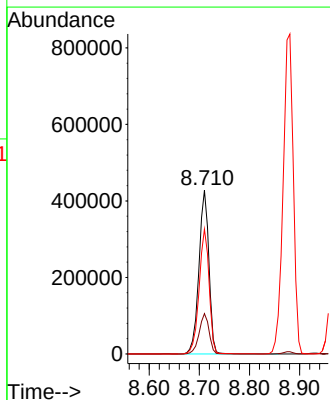
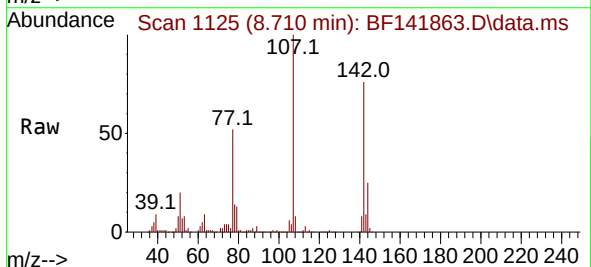
Manual Integrations
APPROVED

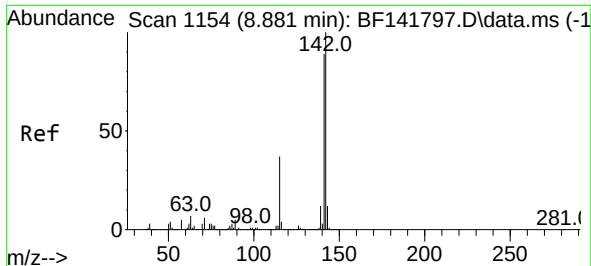
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#36
4-Chloro-3-methylphenol
Concen: 43.912 ng
RT: 8.710 min Scan# 1125
Delta R.T. 0.000 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

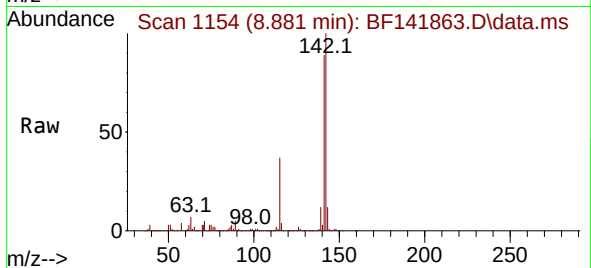
Tgt Ion:107 Resp: 591369
Ion Ratio Lower Upper
107 100
144 24.6 19.4 29.0
142 76.2 59.4 89.0





#37
2-Methylnaphthalene
Concen: 41.221 ng
RT: 8.881 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

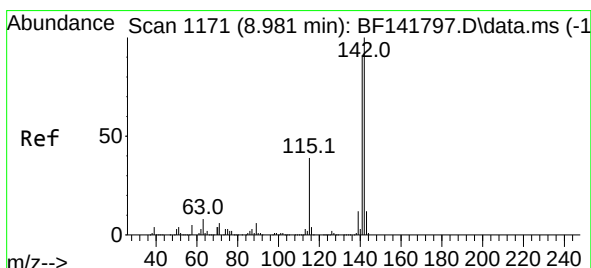
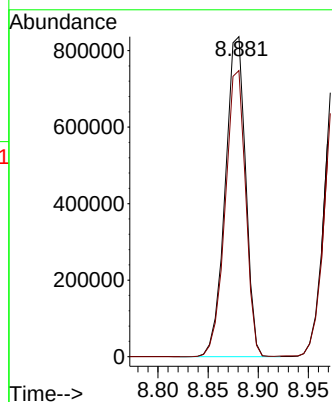
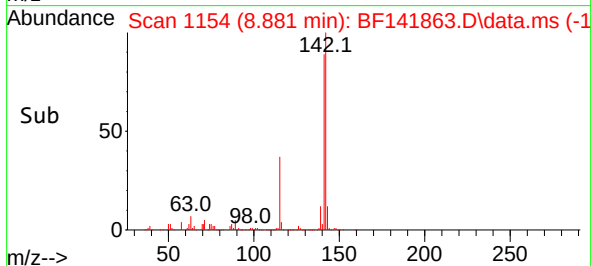
Instrument :
BNA_F
ClientSampleId :
PB166982BSD



Tgt Ion:142 Resp: 1181958
Ion Ratio Lower Upper
142 100
141 89.4 71.1 106.7

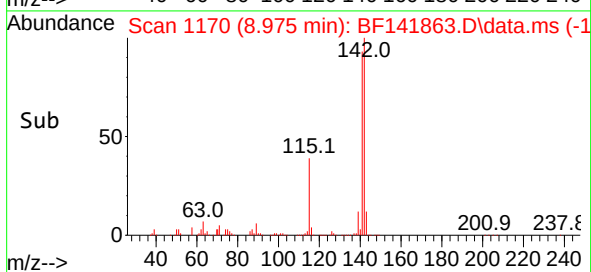
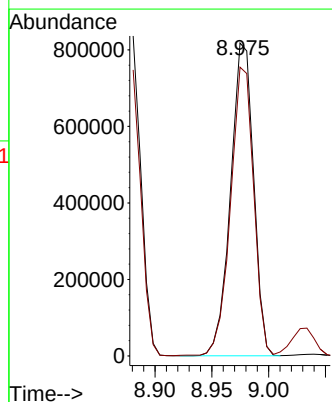
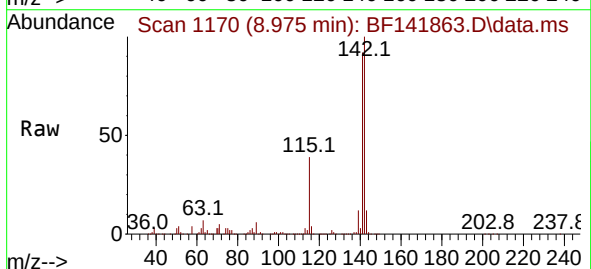
Manual Integrations
APPROVED

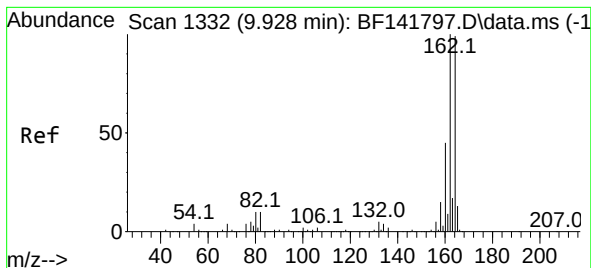
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#38
1-Methylnaphthalene
Concen: 41.811 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

Tgt Ion:142 Resp: 1150355
Ion Ratio Lower Upper
142 100
141 92.3 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141863.D

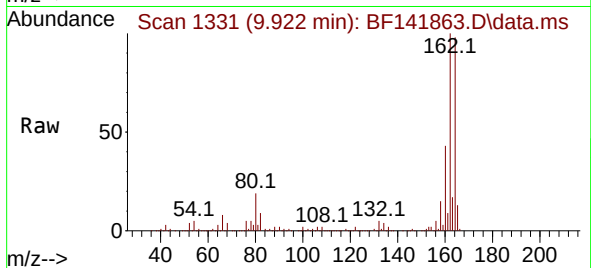
Acq: 06 Mar 2025 12:21

Instrument :

BNA_F

ClientSampleId :

PB166982BSD



Tgt Ion:164 Resp: 45846

Ion Ratio Lower Upper

164 100

162 102.5 80.6 120.8

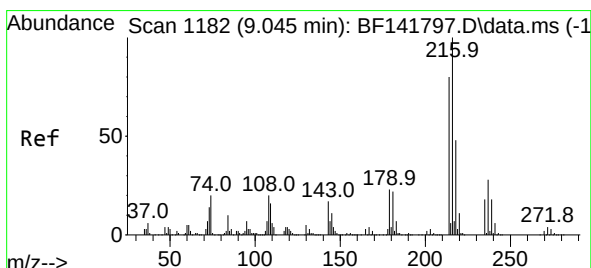
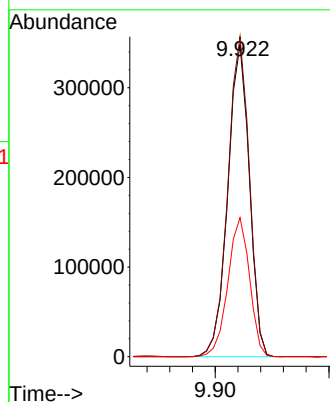
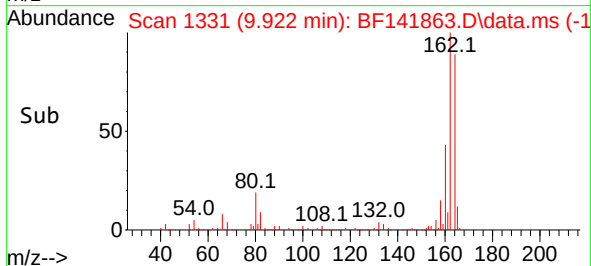
160 44.6 36.3 54.5

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/07/2025

Supervised By :Jagrut Upadhyay 03/07/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.197 ng

RT: 9.045 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF141863.D

Acq: 06 Mar 2025 12:21

Tgt Ion:216 Resp: 651413

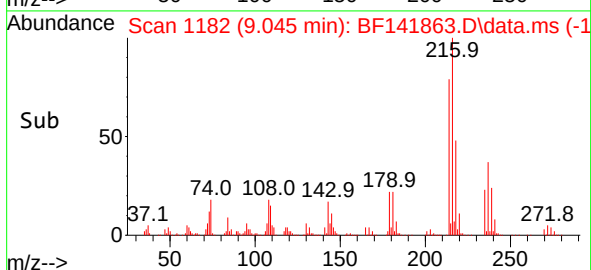
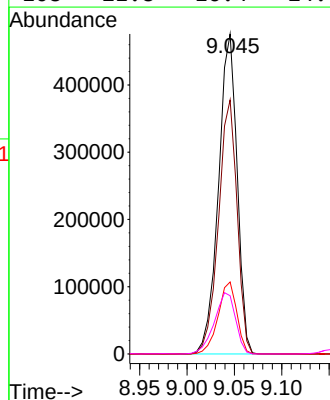
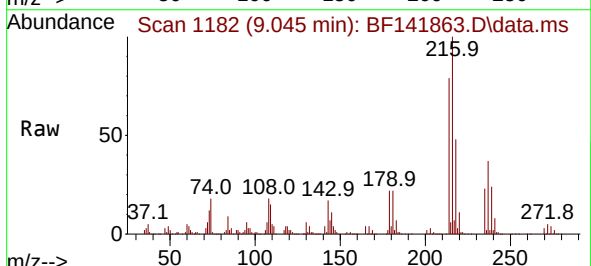
Ion Ratio Lower Upper

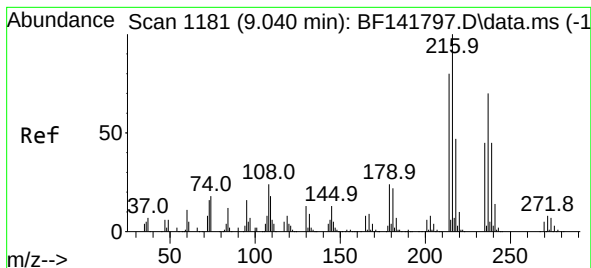
216 100

214 79.3 63.5 95.3

179 22.7 18.1 27.1

108 21.8 16.4 24.6





#41

Hexachlorocyclopentadiene

Concen: 155.461 ng

RT: 9.034 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF141863.D

Acq: 06 Mar 2025 12:21

Instrument :

BNA_F

ClientSampleId :

PB166982BSD

Tgt Ion:237 Resp: 859040

Ion Ratio Lower Upper

237 100

235 62.8 43.3 83.3

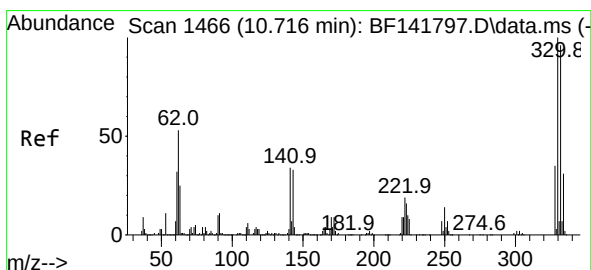
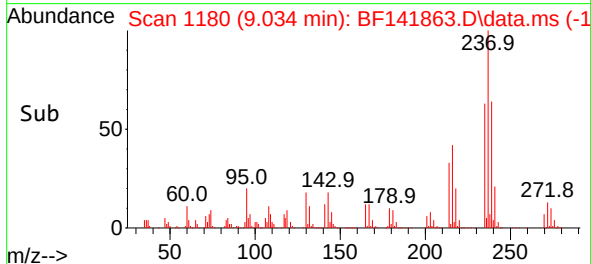
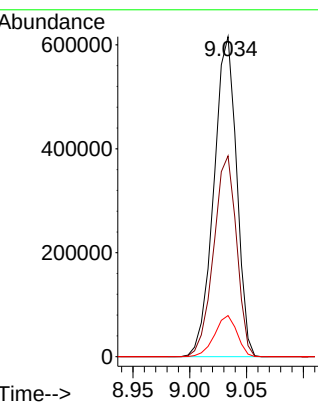
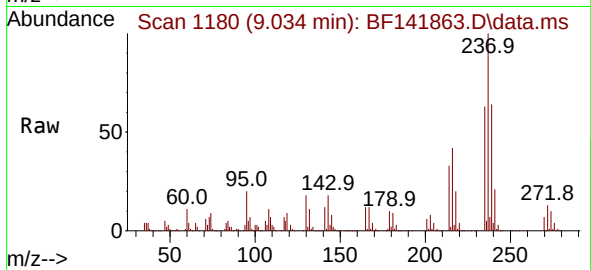
272 12.8 0.0 31.9

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/07/2025

Supervised By :Jagrut Upadhyay 03/07/2025



#42

2,4,6-Tribromophenol

Concen: 174.213 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF141863.D

Acq: 06 Mar 2025 12:21

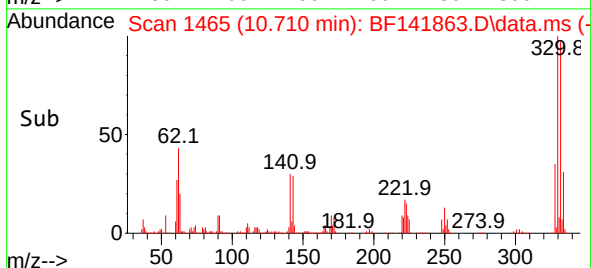
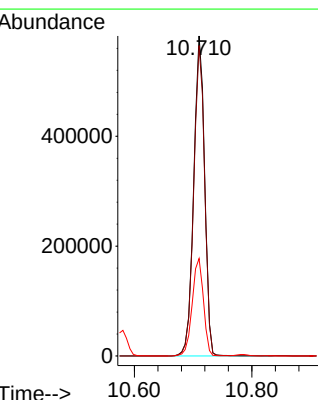
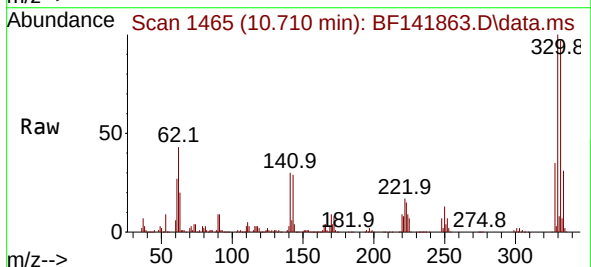
Tgt Ion:330 Resp: 749833

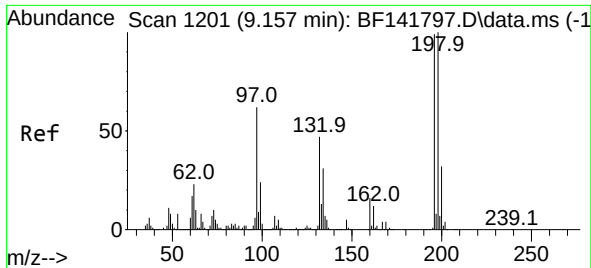
Ion Ratio Lower Upper

330 100

332 97.1 76.6 115.0

141 31.5 29.0 43.4





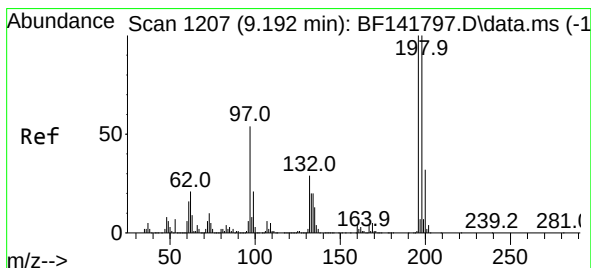
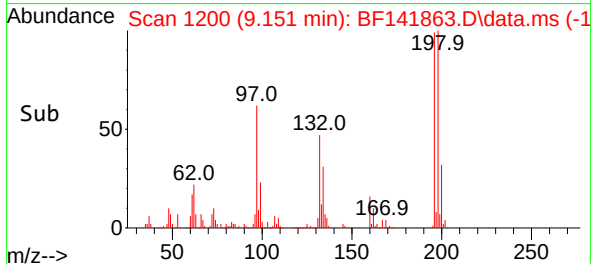
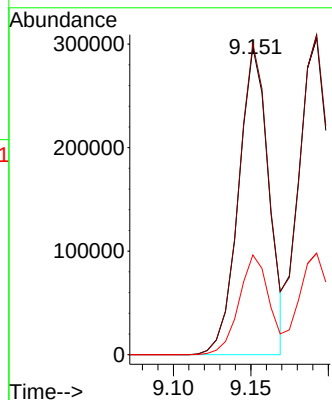
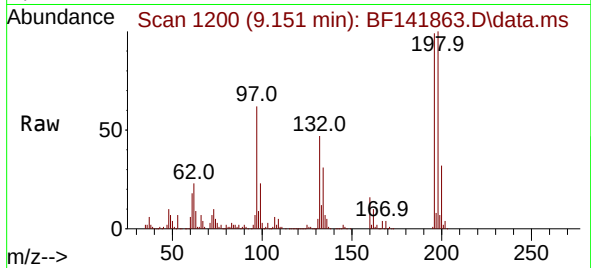
#43
2,4,6-Trichlorophenol
Concen: 46.992 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

Instrument :
BNA_F
ClientSampleId :
PB166982BSD

Tgt Ion:196 Resp: 40192
Ion Ratio Lower Upper
196 100
198 101.2 80.4 120.6
200 32.4 25.7 38.5

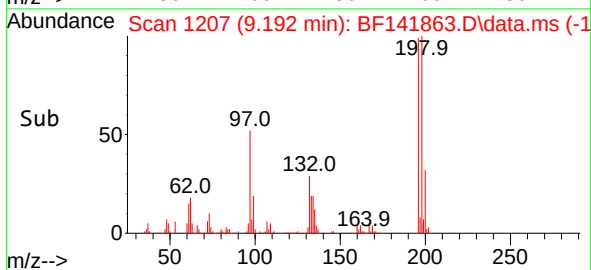
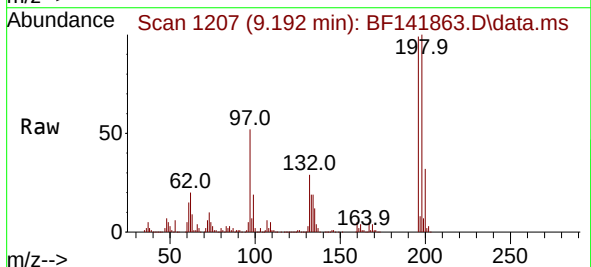
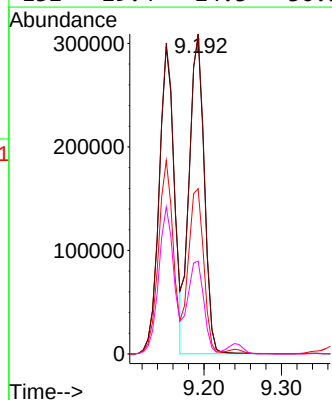
Manual Integrations
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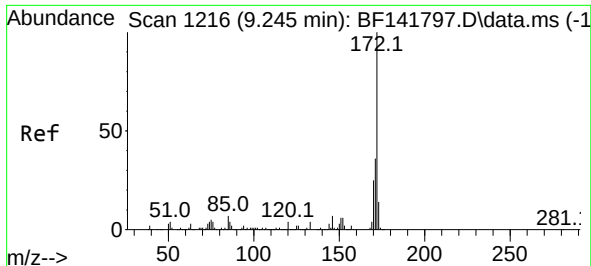
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#44
2,4,5-Trichlorophenol
Concen: 48.786 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

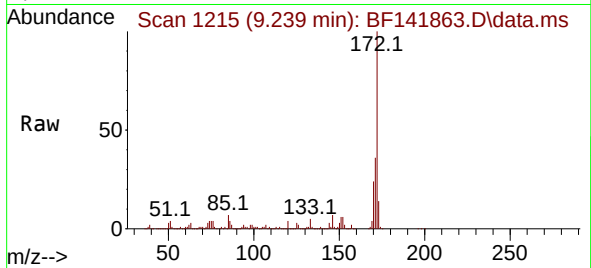
Tgt Ion:196 Resp: 413188
Ion Ratio Lower Upper
196 100
198 101.0 79.7 119.5
97 52.2 44.2 66.2
132 29.4 24.3 36.5





#45
2-Fluorobiphenyl
Concen: 93.977 ng
RT: 9.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

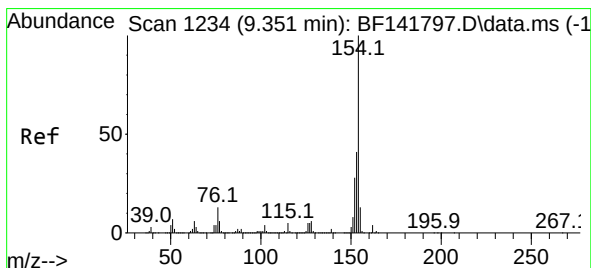
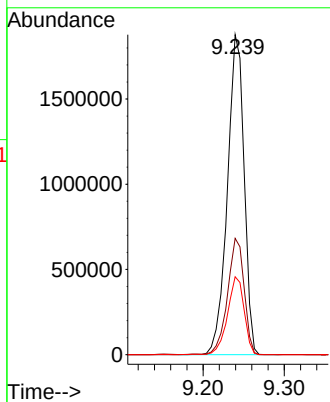
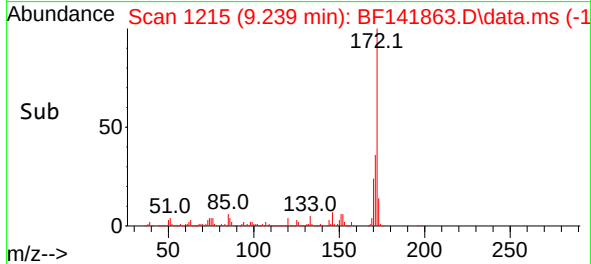
Instrument :
BNA_F
ClientSampleId :
PB166982BSD



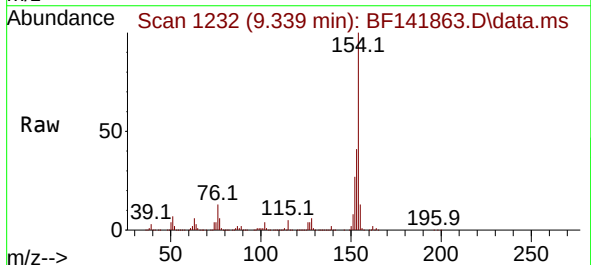
Tgt Ion:172 Resp: 2687024
Ion Ratio Lower Upper
172 100
171 36.3 29.2 43.8
170 24.3 19.7 29.5

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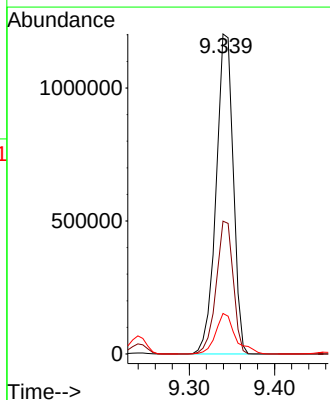
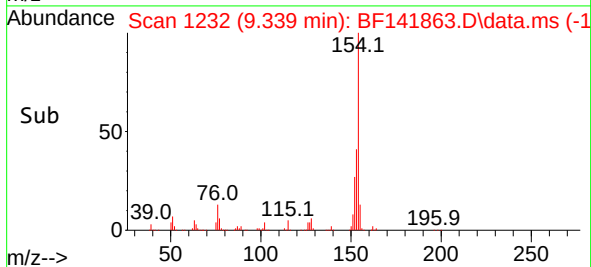
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025

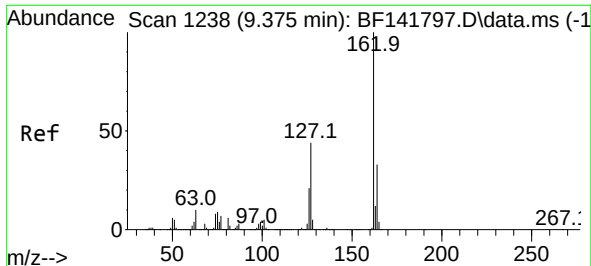


#46
1,1'-Biphenyl
Concen: 48.029 ng
RT: 9.339 min Scan# 1232
Delta R.T. -0.012 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21



Tgt Ion:154 Resp: 1676041
Ion Ratio Lower Upper
154 100
153 41.5 21.4 61.4
76 12.7 0.0 33.4





#47

2-Chloronaphthalene

Concen: 44.336 ng

RT: 9.369 min Scan# 1141918

Delta R.T. -0.006 min

Lab File: BF141863.D

Acq: 06 Mar 2025 12:21

Instrument :

BNA_F

ClientSampleId :

PB166982BSD

Tgt Ion:162 Resp: 1141918

Ion Ratio Lower Upper

162 100

127 43.0 35.0 52.6

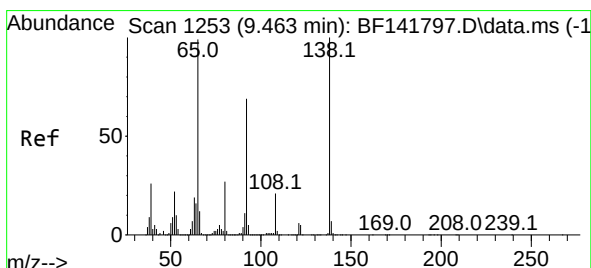
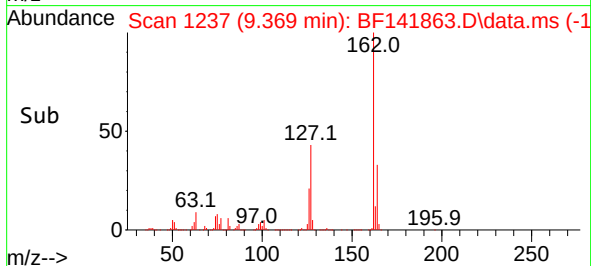
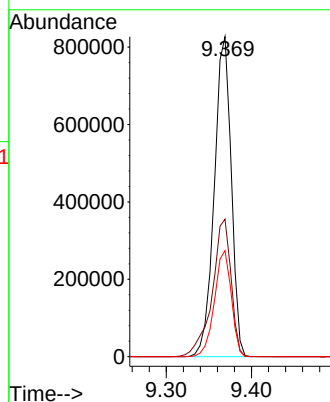
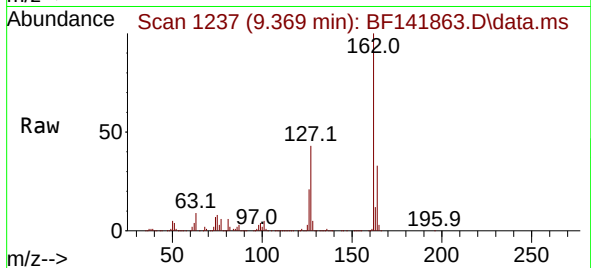
164 33.1 26.6 40.0

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/07/2025

Supervised By :Jagrut Upadhyay 03/07/2025



#48

2-Nitroaniline

Concen: 51.359 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.006 min

Lab File: BF141863.D

Acq: 06 Mar 2025 12:21

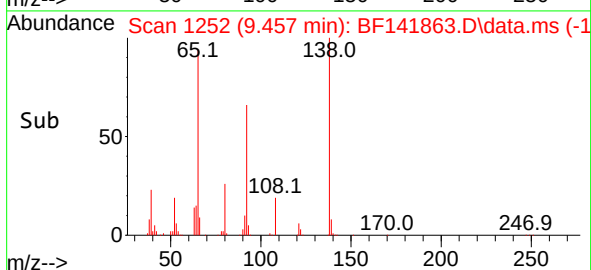
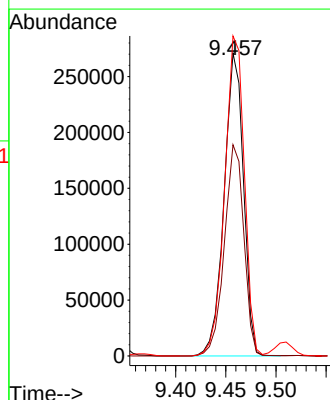
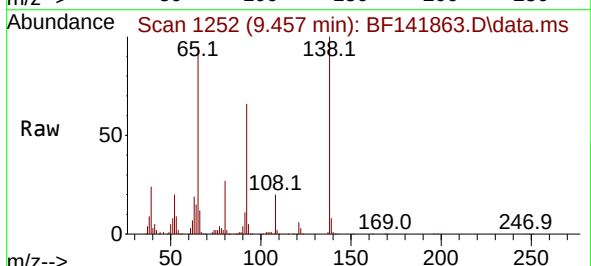
Tgt Ion: 65 Resp: 364440

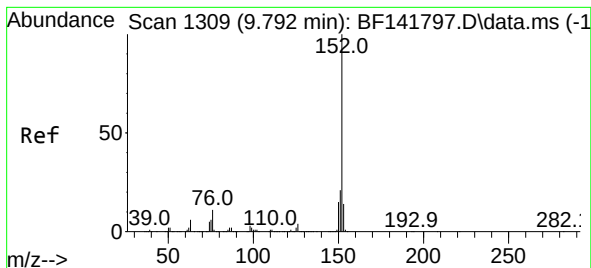
Ion Ratio Lower Upper

65 100

92 69.7 55.7 83.5

138 105.7 80.6 121.0





#49

Acenaphthylene

Concen: 46.273 ng

RT: 9.781 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141863.D

Acq: 06 Mar 2025 12:21

Instrument :

BNA_F

ClientSampleId :

PB166982BSD

Tgt Ion:152 Resp: 1786900

Ion Ratio Lower Upper

152 100

151 20.3 16.6 24.8

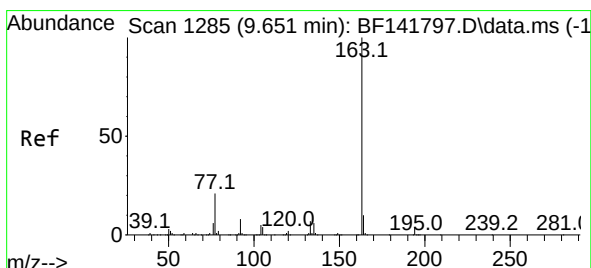
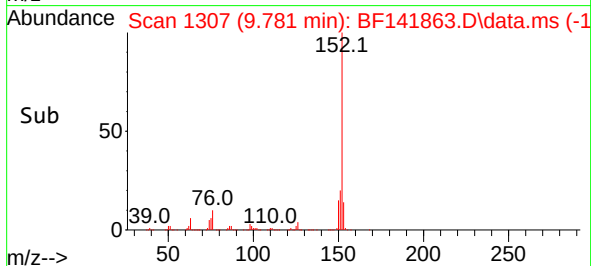
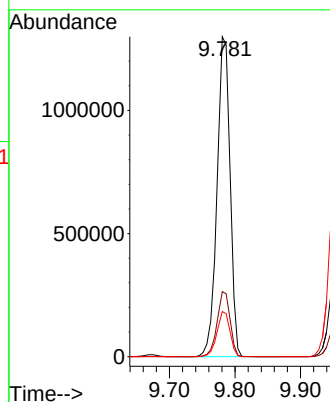
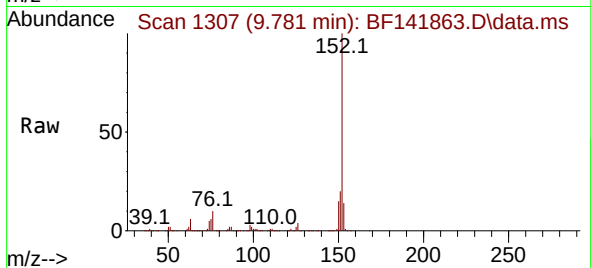
153 14.1 11.2 16.8

Manual Integrations

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Reviewed By :Anahy Claudio 03/07/2025

Supervised By :Jagrut Upadhyay 03/07/2025



#50

Dimethylphthalate

Concen: 44.596 ng

RT: 9.639 min Scan# 1283

Delta R.T. -0.012 min

Lab File: BF141863.D

Acq: 06 Mar 2025 12:21

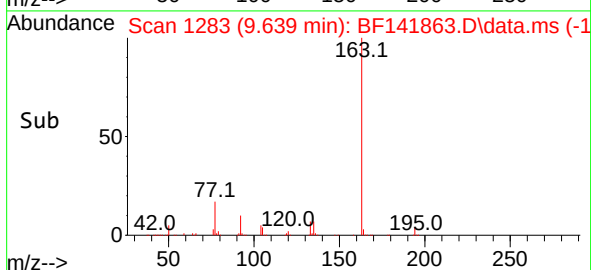
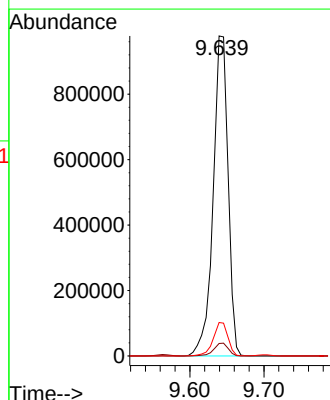
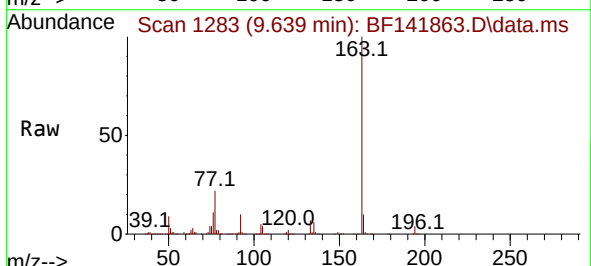
Tgt Ion:163 Resp: 1369183

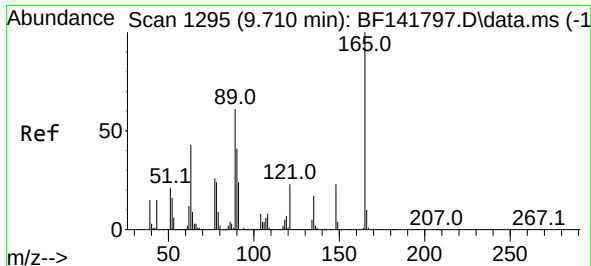
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

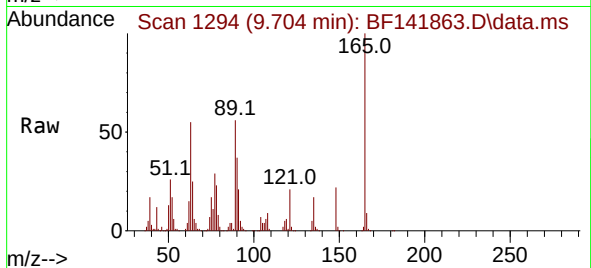
164 10.4 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 51.550 ng
RT: 9.704 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

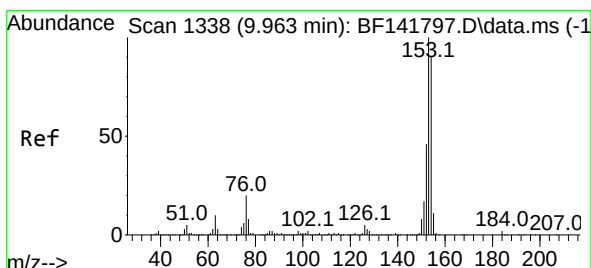
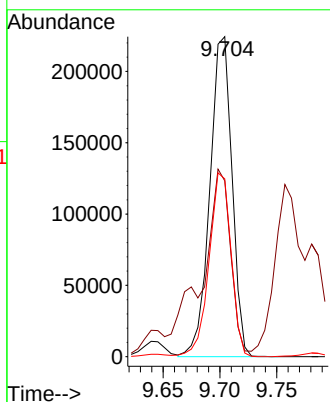
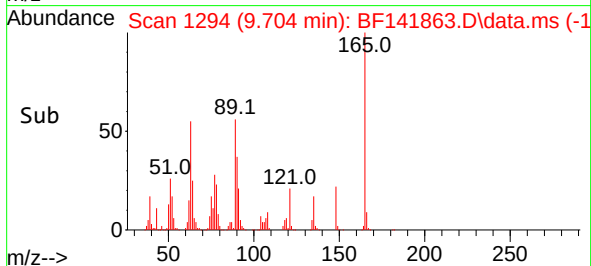
Instrument :
BNA_F
ClientSampleId :
PB166982BSD



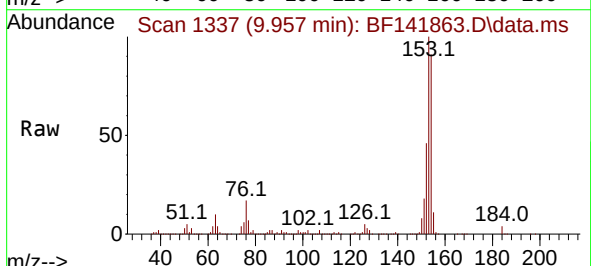
Tgt Ion:165 Resp: 304070
Ion Ratio Lower Upper
165 100
63 55.0 49.5 74.3
89 55.6 49.0 73.4

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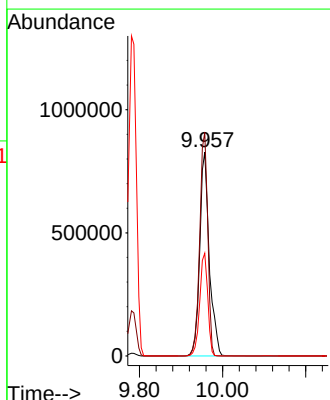
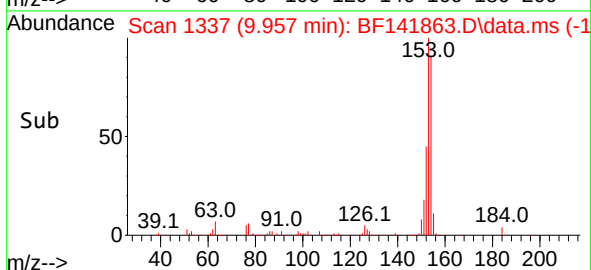
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025

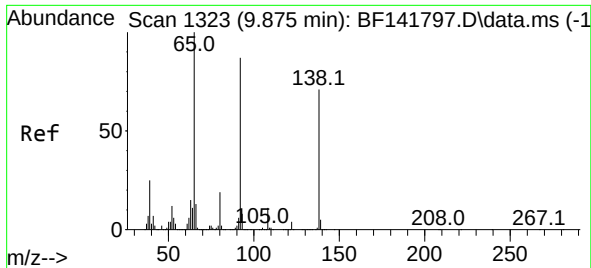


#52
Acenaphthene
Concen: 50.968 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21



Tgt Ion:154 Resp: 1328050
Ion Ratio Lower Upper
154 100
153 109.7 88.7 133.1
152 50.4 40.9 61.3





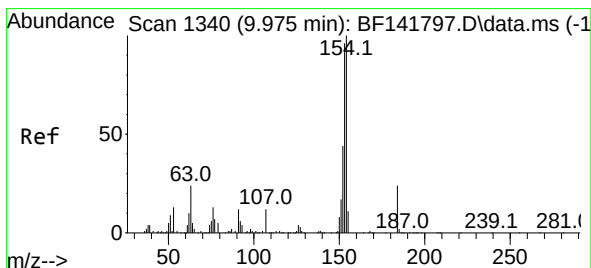
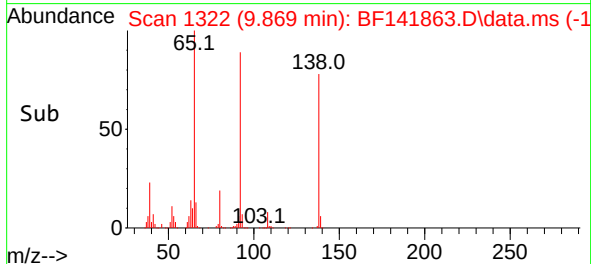
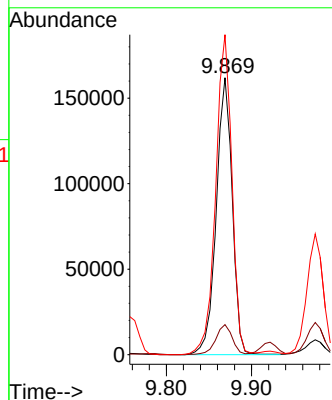
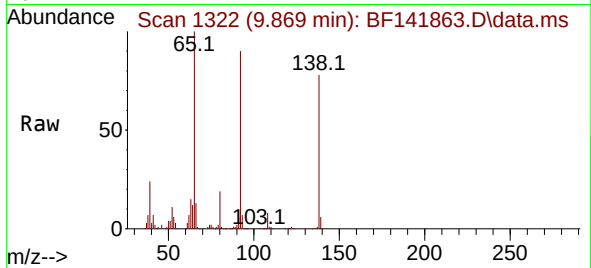
#53
3-Nitroaniline
Concen: 34.701 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

Instrument :
BNA_F
ClientSampleId :
PB166982BSD

Tgt Ion:138 Resp: 21161
Ion Ratio Lower Upper
138 100
108 10.8 12.7 19.1
92 115.5 97.9 146.9

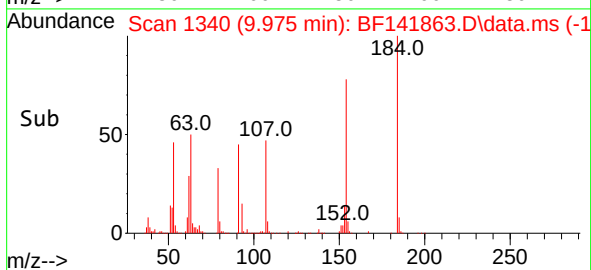
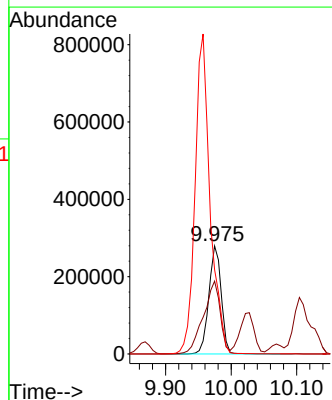
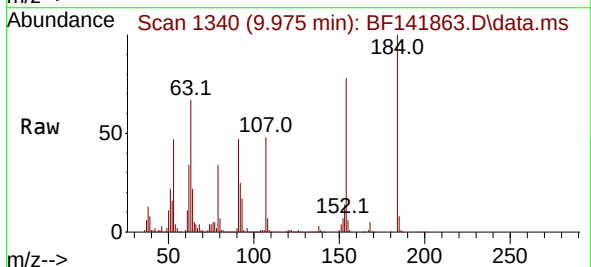
Manual Integrations
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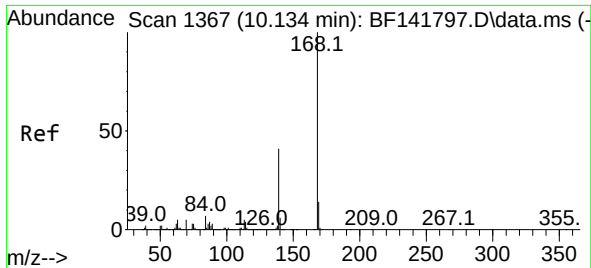
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#54
2,4-Dinitrophenol
Concen: 117.425 ng
RT: 9.975 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

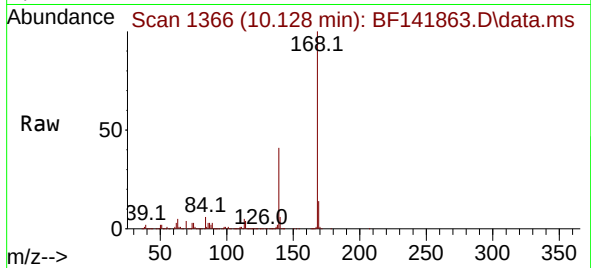
Tgt Ion:184 Resp: 367510
Ion Ratio Lower Upper
184 100
63 67.4 79.0 118.6#
154 78.1 335.8 503.8#





#55
Dibenzenofuran
Concen: 42.391 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

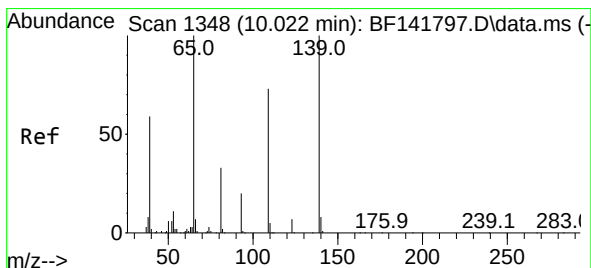
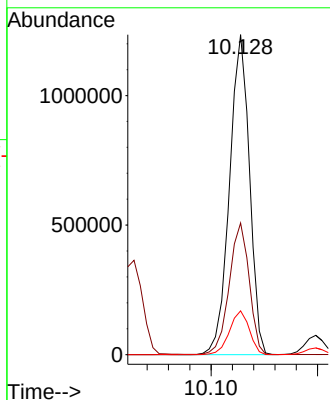
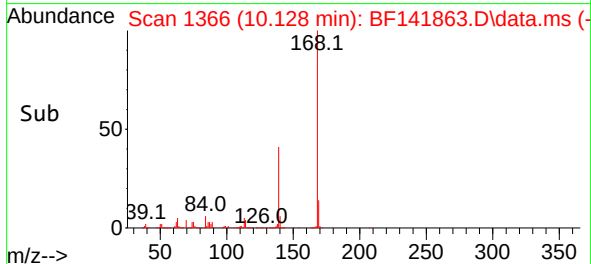
Instrument :
BNA_F
ClientSampleId :
PB166982BSD



Tgt Ion:168 Resp: 160769
Ion Ratio Lower Upper
168 100
139 41.2 32.9 49.3
169 13.7 11.1 16.7

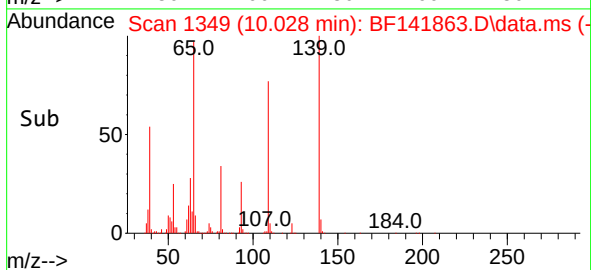
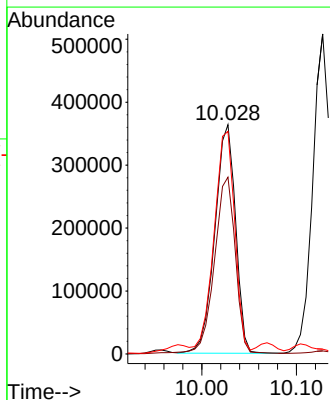
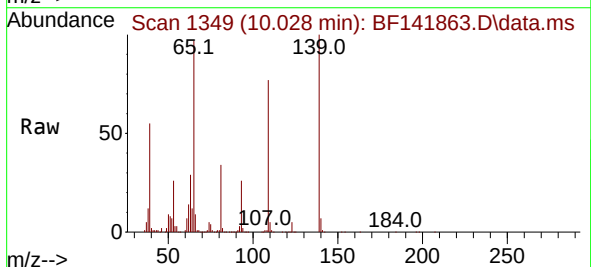
Manual Integrations
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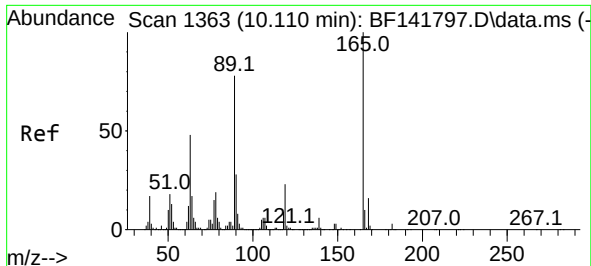
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#56
4-Nitrophenol
Concen: 122.009 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

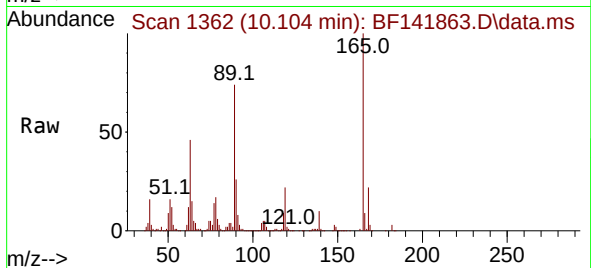
Tgt Ion:139 Resp: 553259
Ion Ratio Lower Upper
139 100
109 77.1 53.4 93.4
65 97.0 82.1 122.1





#57
2,4-Dinitrotoluene
Concen: 57.474 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

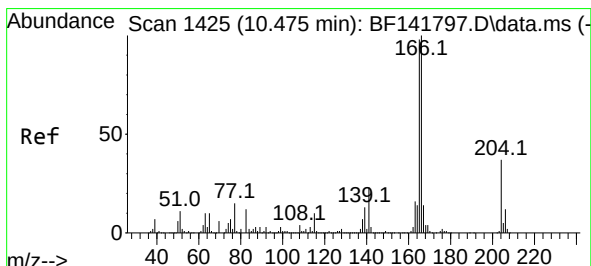
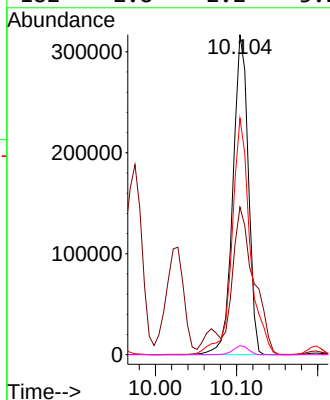
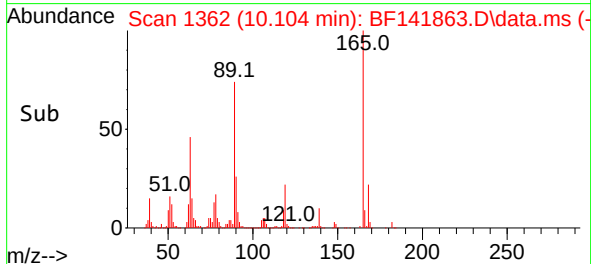
Instrument :
BNA_F
ClientSampleId :
PB166982BSD



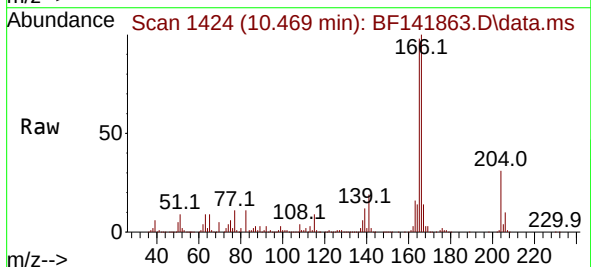
Tgt Ion:165 Resp: 417704
Ion Ratio Lower Upper
165 100
63 46.1 38.8 58.2
89 73.8 62.6 94.0
182 2.8 2.2 3.2

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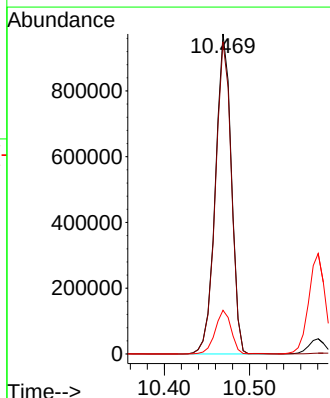
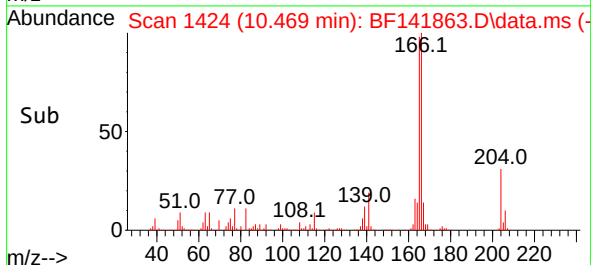
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025

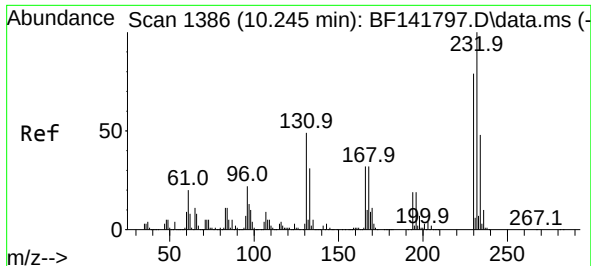


#58
Fluorene
Concen: 44.544 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21



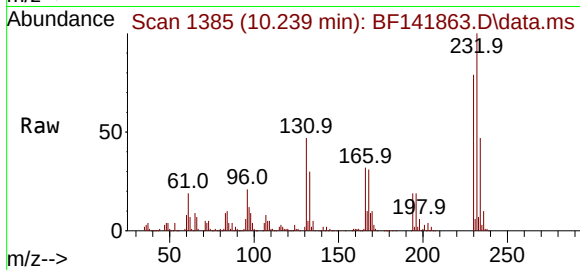
Tgt Ion:166 Resp: 1265412
Ion Ratio Lower Upper
166 100
165 97.6 78.6 117.8
167 13.7 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.696 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

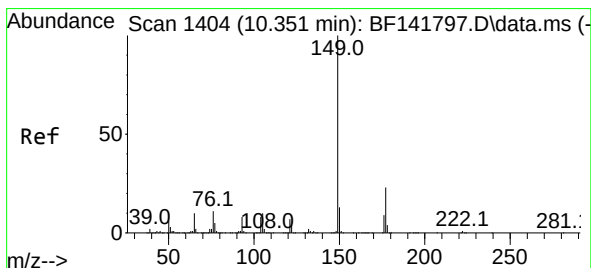
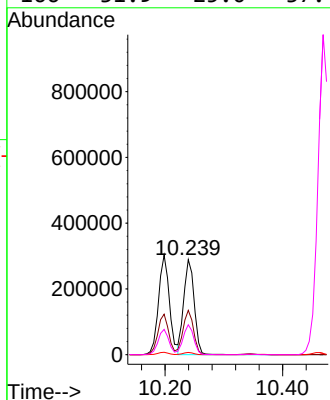
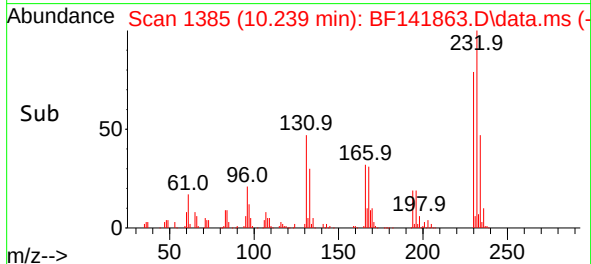
Instrument :
BNA_F
ClientSampleId :
PB166982BSD



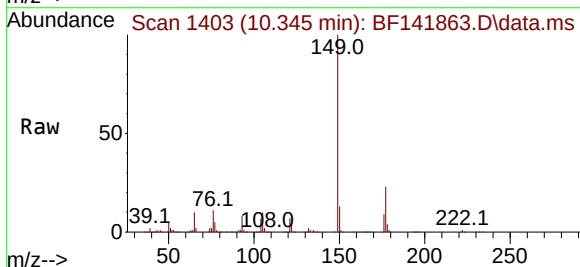
Tgt Ion:232 Resp: 358697
Ion Ratio Lower Upper
232 100
131 47.2 37.8 56.8
130 2.4 2.0 3.0
166 31.9 25.0 37.4

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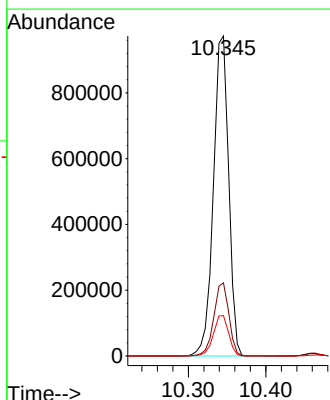
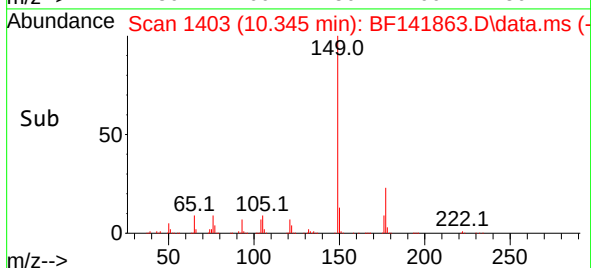
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025

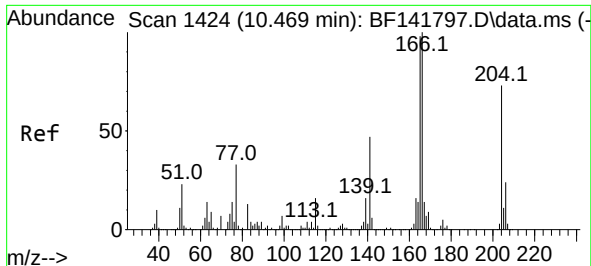


#60
Diethylphthalate
Concen: 43.160 ng
RT: 10.345 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21



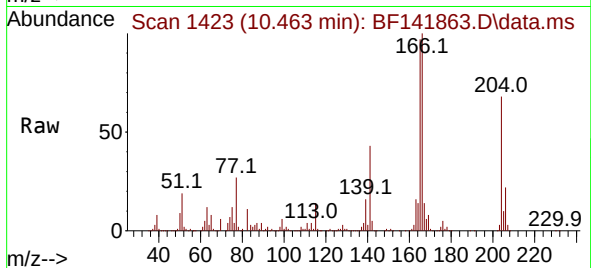
Tgt Ion:149 Resp: 1328398
Ion Ratio Lower Upper
149 100
177 22.9 18.3 27.5
150 12.6 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 44.202 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

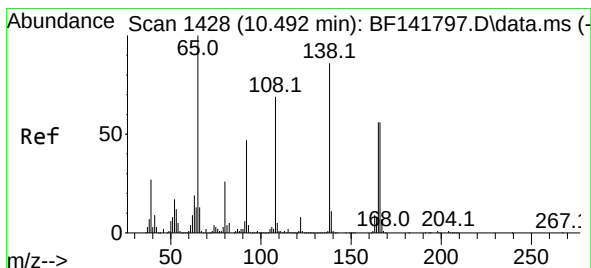
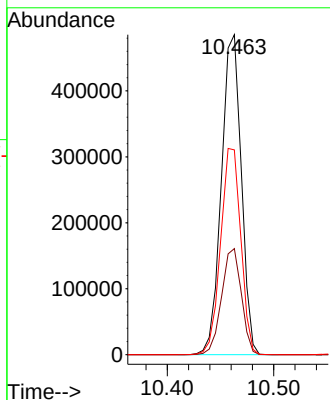
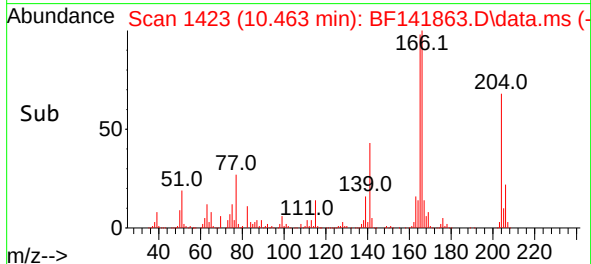
Instrument :
BNA_F
ClientSampleId :
PB166982BSD



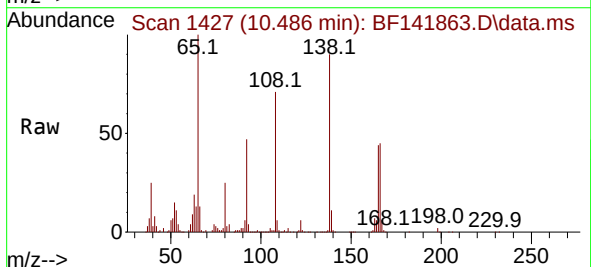
Tgt Ion:204 Resp: 629150
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.4
141 64.0 51.7 77.5

Manual Integrations
APPROVED

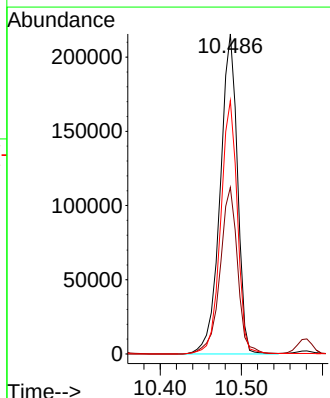
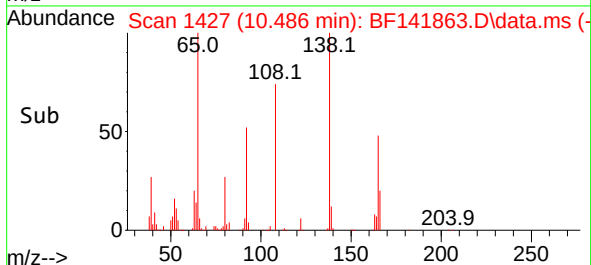
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025

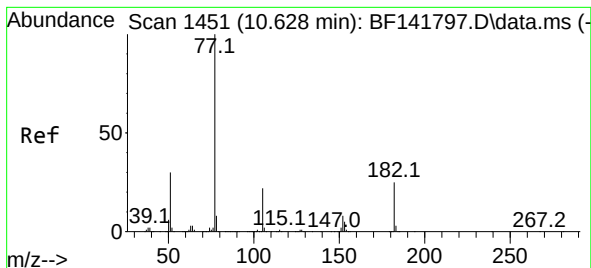


#62
4-Nitroaniline
Concen: 60.958 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21



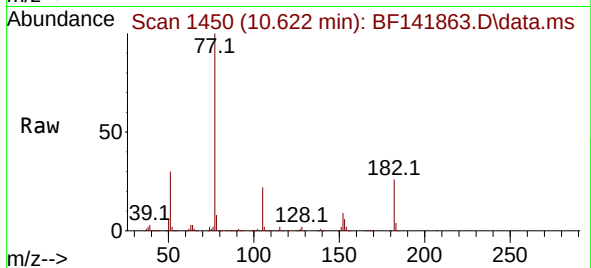
Tgt Ion:138 Resp: 319616
Ion Ratio Lower Upper
138 100
92 52.1 34.9 74.9
108 79.2 59.6 99.6





#63
Azobenzene
Concen: 39.805 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

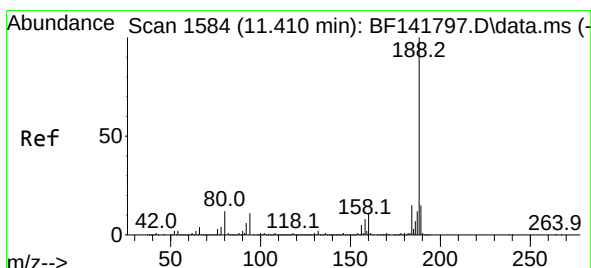
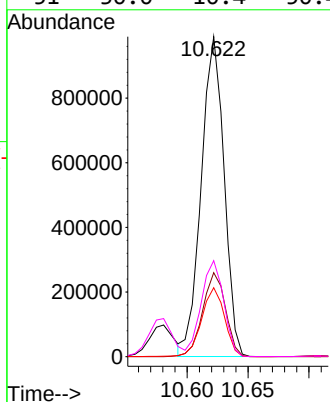
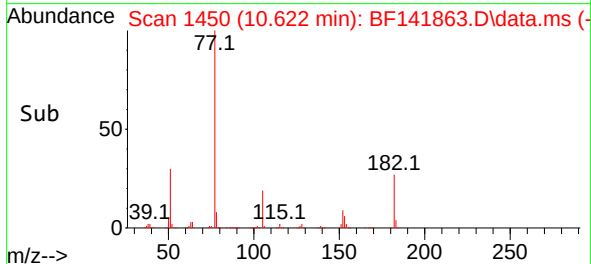
Instrument :
BNA_F
ClientSampleId :
PB166982BSD



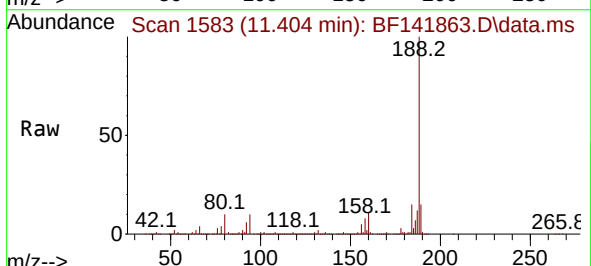
Tgt Ion: 77 Resp: 128998
Ion Ratio Lower Upper
77 100
182 26.3 4.2 44.2
105 21.6 1.5 41.5
51 30.0 10.4 50.4

Manual Integrations
APPROVED

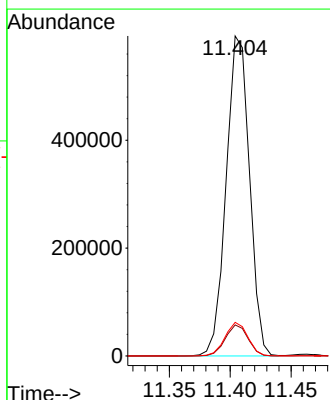
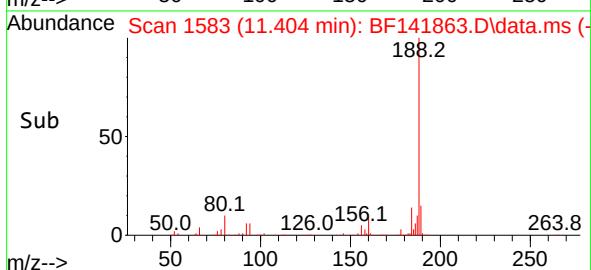
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025

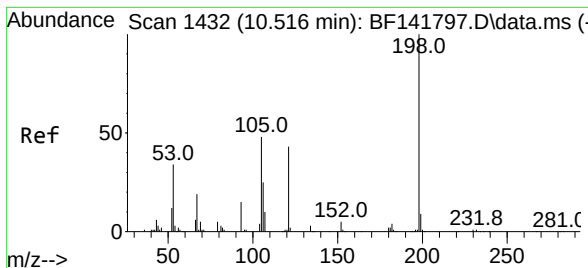


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21



Tgt Ion:188 Resp: 790298
Ion Ratio Lower Upper
188 100
94 9.7 8.9 13.3
80 10.5 9.7 14.5





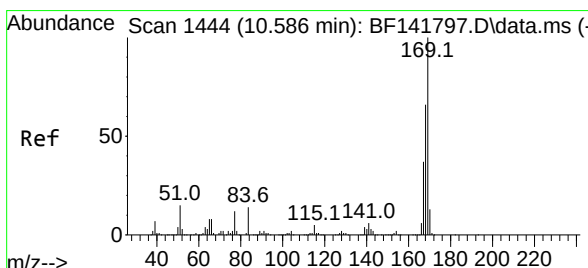
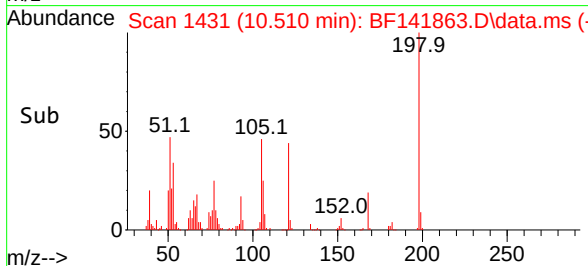
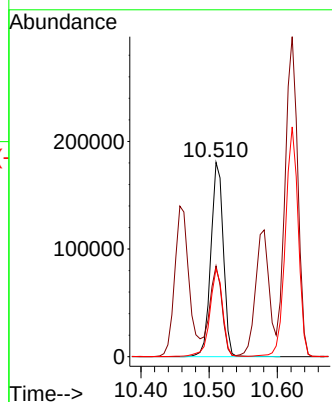
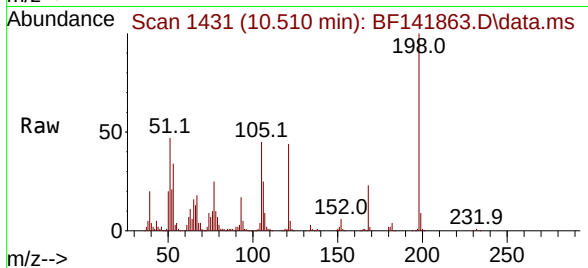
#65
4,6-Dinitro-2-methylphenol
Concen: 59.526 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

Instrument :
BNA_F
ClientSampleId :
PB166982BSD

Tgt Ion:198 Resp: 230269
Ion Ratio Lower Upper
198 100
51 46.7 32.1 72.1
105 45.2 28.5 68.5

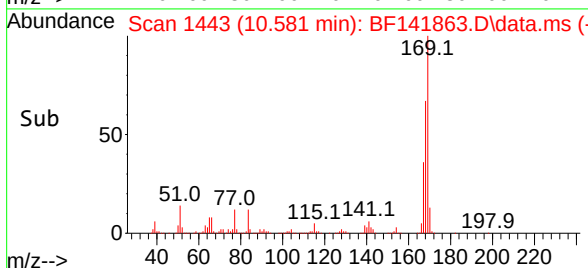
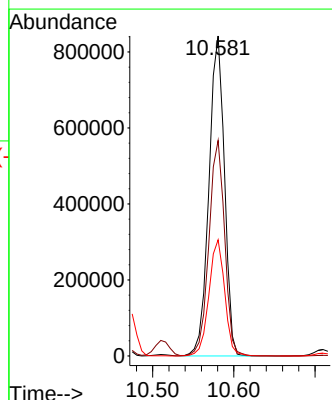
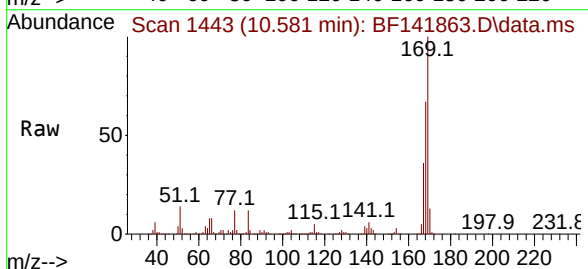
Manual Integrations
APPROVED

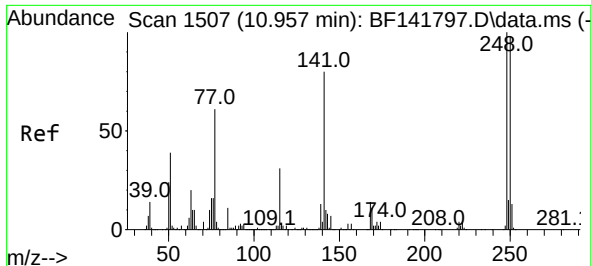
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#66
n-Nitrosodiphenylamine
Concen: 42.991 ng
RT: 10.581 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

Tgt Ion:169 Resp: 1115654
Ion Ratio Lower Upper
169 100
168 67.4 53.0 79.6
167 36.3 29.3 43.9





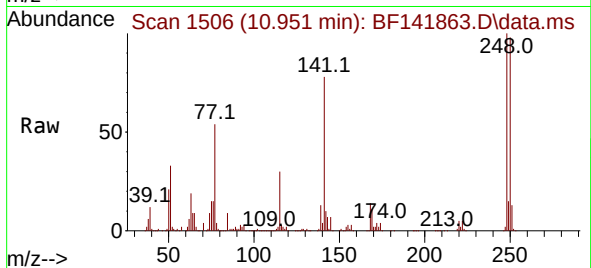
#67
4-Bromophenyl-phenylether
Concen: 43.426 ng
RT: 10.951 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

Instrument :

BNA_F

ClientSampleId :

PB166982BSD

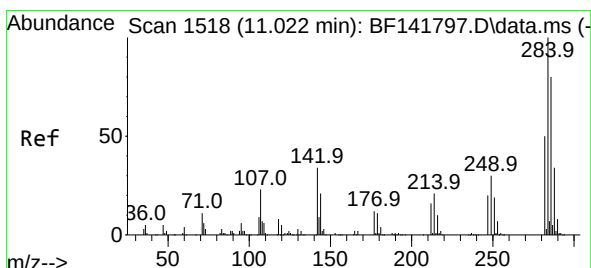
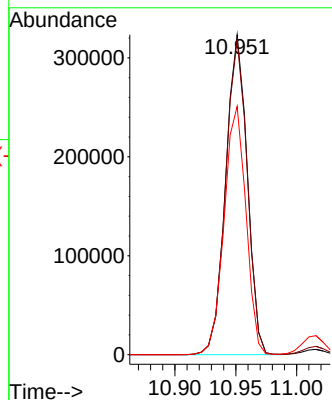
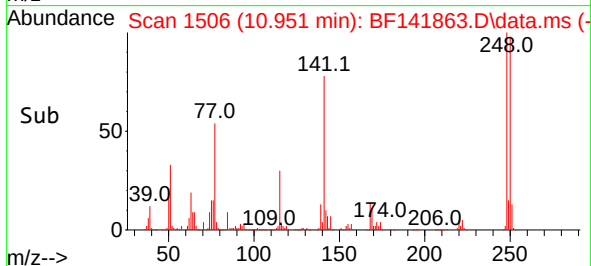


Tgt Ion:248 Resp: 40086
Ion Ratio Lower Upper
248 100
250 98.4 78.1 117.1
141 77.6 64.3 96.5

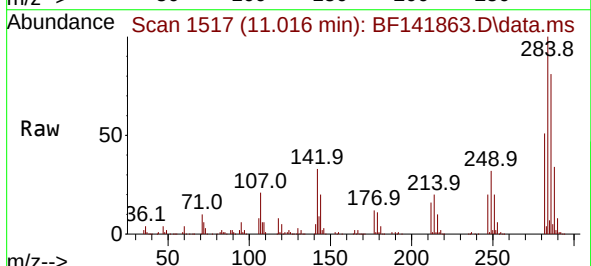
Manual Integrations

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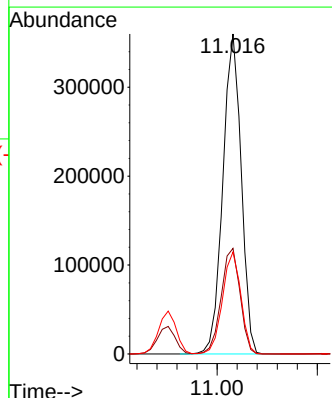
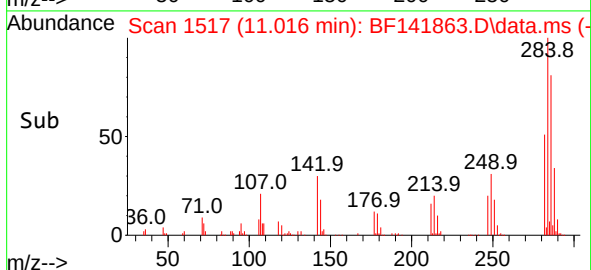
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025

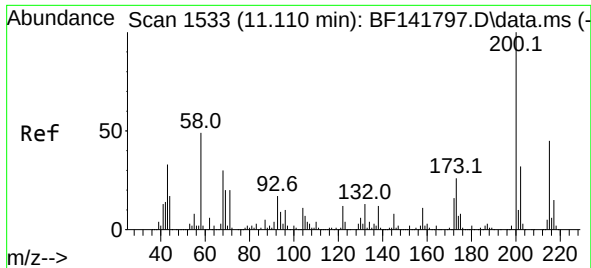


#68
Hexachlorobenzene
Concen: 46.749 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21



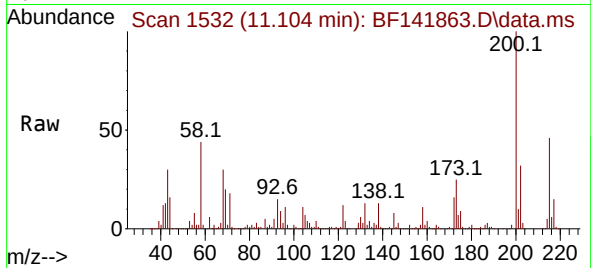
Tgt Ion:284 Resp: 455692
Ion Ratio Lower Upper
284 100
142 33.0 28.2 42.2
249 31.8 25.5 38.3





#69
 Atrazine
 Concen: 63.698 ng
 RT: 11.104 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF141863.D
 Acq: 06 Mar 2025 12:21

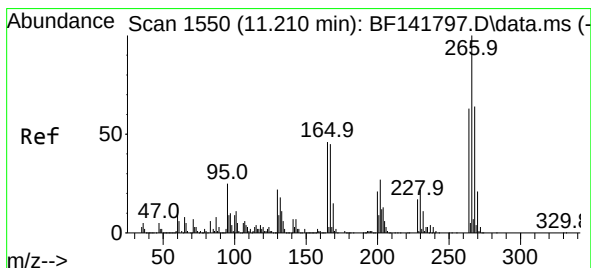
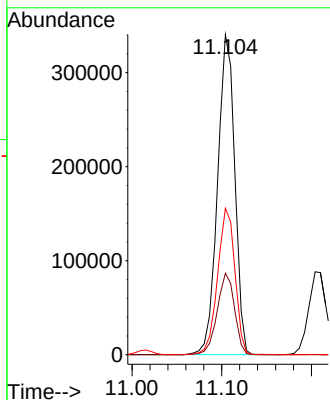
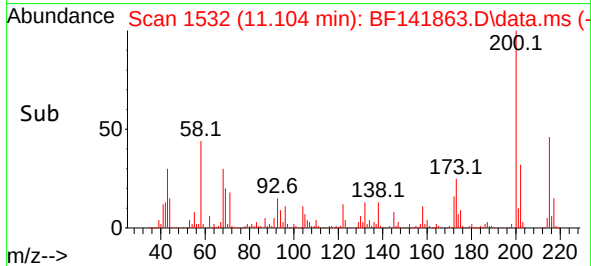
Instrument :
 BNA_F
 ClientSampleId :
 PB166982BSD



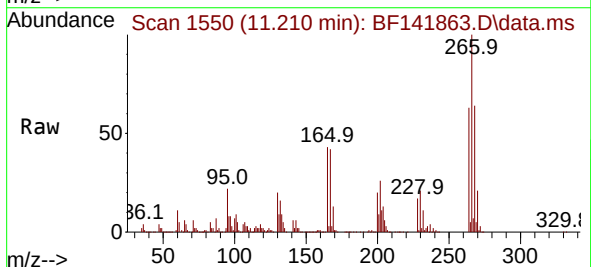
Tgt Ion:200 Resp: 454560
 Ion Ratio Lower Upper
 200 100
 173 25.5 5.6 45.6
 215 45.8 25.3 65.3

Manual Integrations
 APPROVED

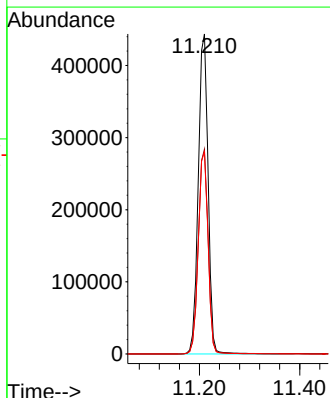
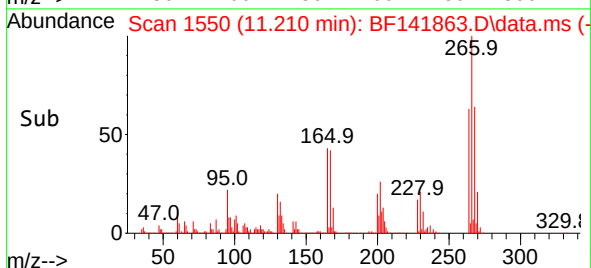
Reviewed By :Anahy Claudio 03/07/2025
 Supervised By :Jagrut Upadhyay 03/07/2025

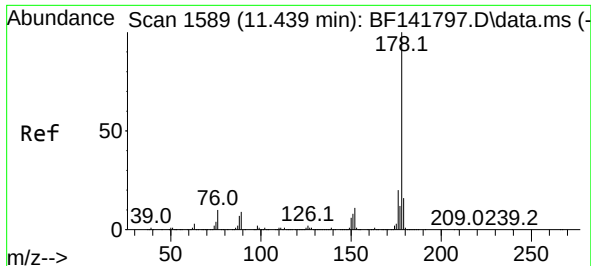


#70
 Pentachlorophenol
 Concen: 97.260 ng
 RT: 11.210 min Scan# 1550
 Delta R.T. 0.000 min
 Lab File: BF141863.D
 Acq: 06 Mar 2025 12:21



Tgt Ion:266 Resp: 601294
 Ion Ratio Lower Upper
 266 100
 268 64.0 50.9 76.3
 264 63.2 50.2 75.4





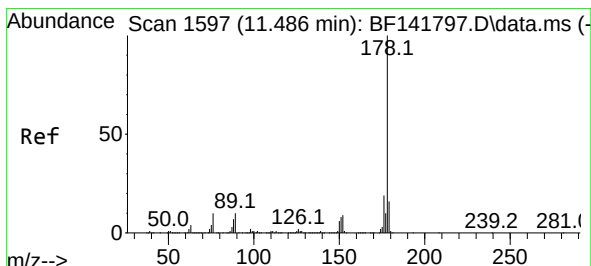
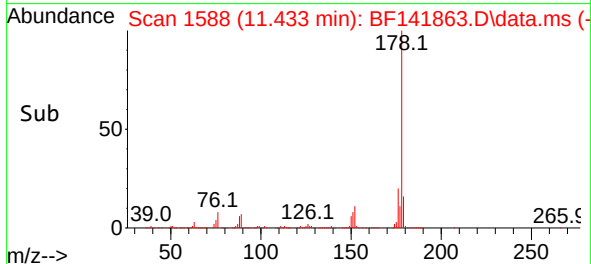
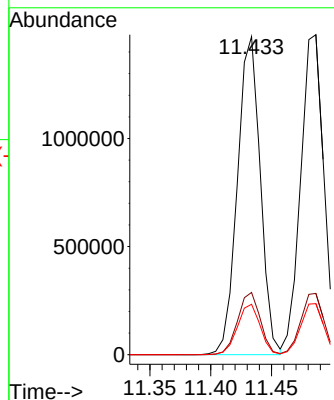
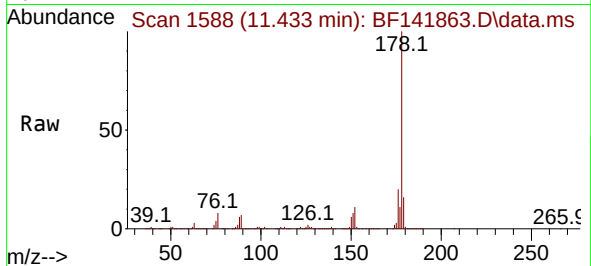
#71
Phenanthrene
Concen: 45.494 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

Instrument :
BNA_F
ClientSampleId :
PB166982BSD

Tgt Ion:178 Resp: 192319
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 15.9 12.6 19.0

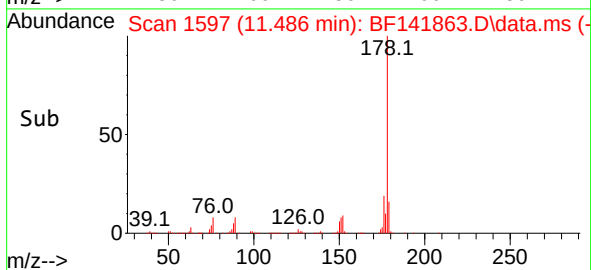
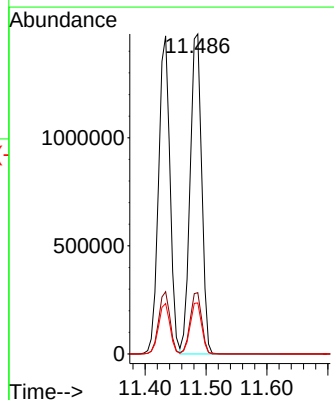
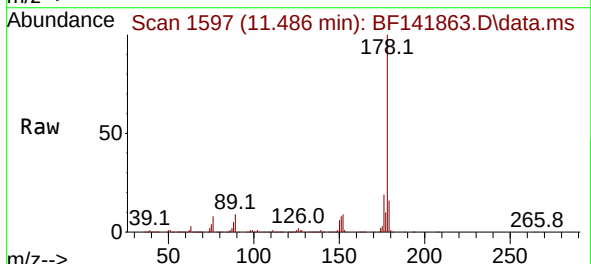
Manual Integrations
APPROVED

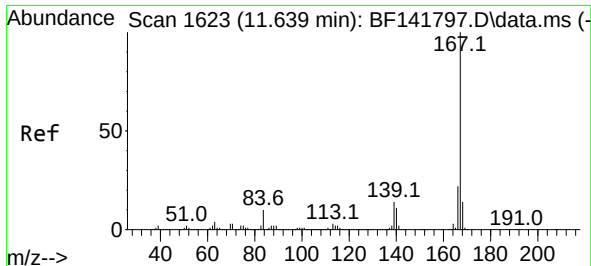
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#72
Anthracene
Concen: 46.084 ng
RT: 11.486 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

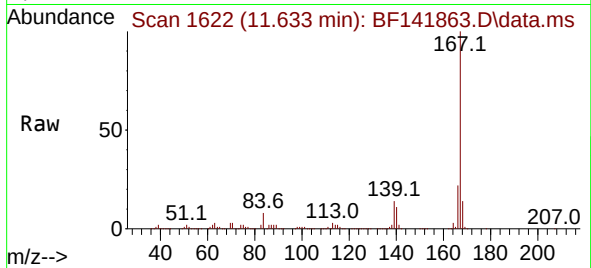
Tgt Ion:178 Resp: 1952460
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 16.0 12.8 19.2





#73
 Carbazole
 Concen: 46.406 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. -0.006 min
 Lab File: BF141863.D
 Acq: 06 Mar 2025 12:21

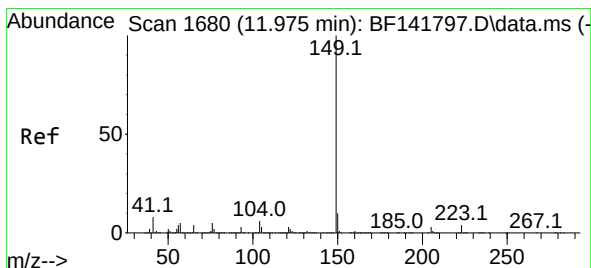
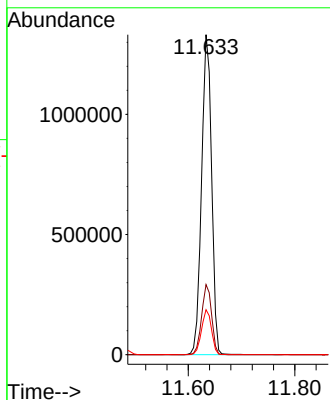
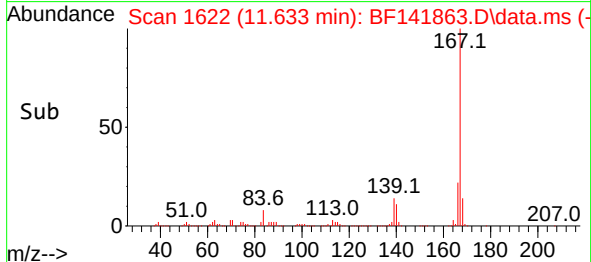
Instrument :
 BNA_F
 ClientSampleId :
 PB166982BSD



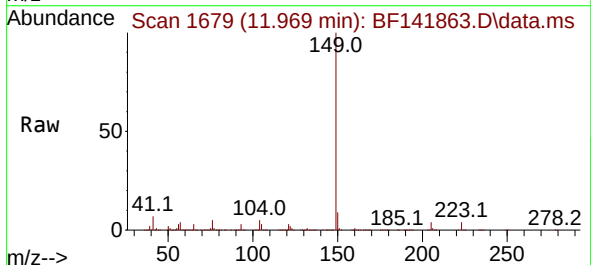
Tgt Ion:167 Resp: 1736199
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.5 26.3
 139 14.0 11.3 16.9

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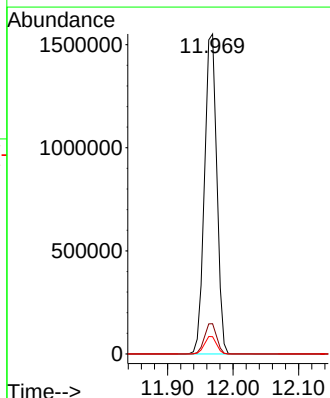
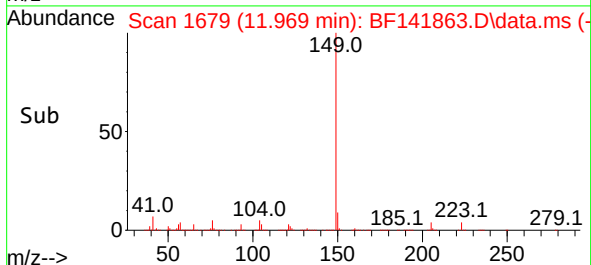
Reviewed By :Anahy Claudio 03/07/2025
 Supervised By :Jagrut Upadhyay 03/07/2025

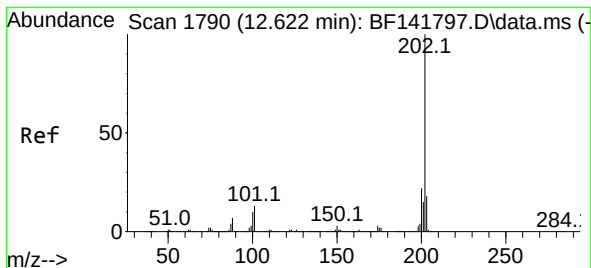


#74
 Di-n-butylphthalate
 Concen: 42.719 ng
 RT: 11.969 min Scan# 1679
 Delta R.T. -0.006 min
 Lab File: BF141863.D
 Acq: 06 Mar 2025 12:21



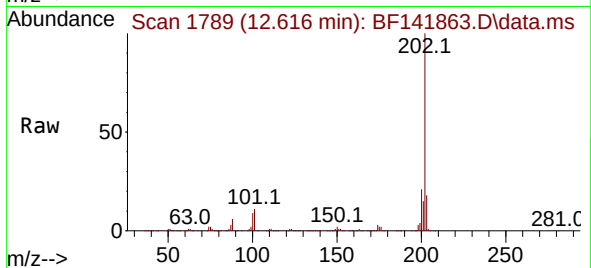
Tgt Ion:149 Resp: 2025906
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 5.4 4.4 6.6





#75
Fluoranthene
Concen: 47.405 ng
RT: 12.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

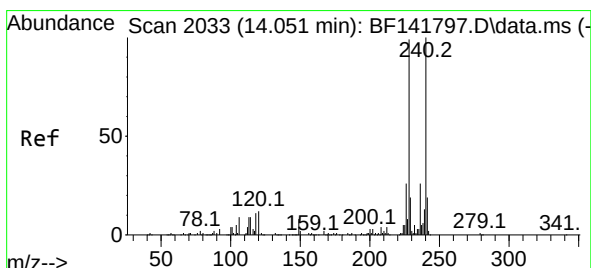
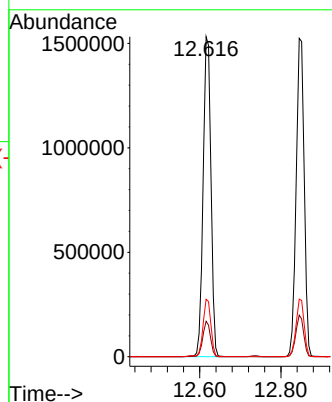
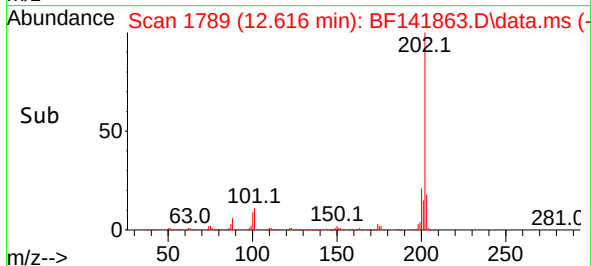
Instrument :
BNA_F
ClientSampleId :
PB166982BSD



Tgt Ion:202 Resp: 2053372
Ion Ratio Lower Upper
202 100
101 11.0 0.0 32.8
203 17.9 0.0 38.0

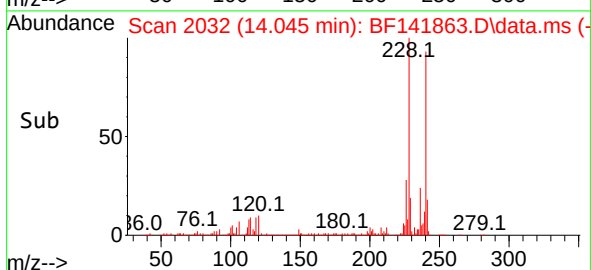
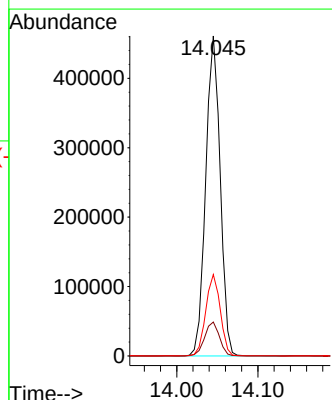
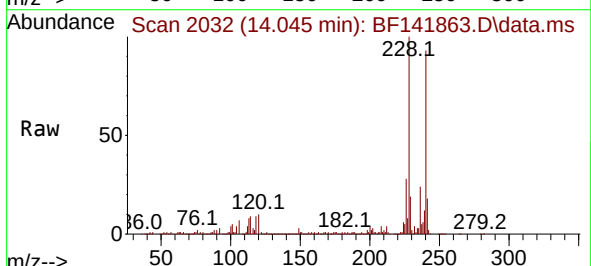
Manual Integrations
APPROVED

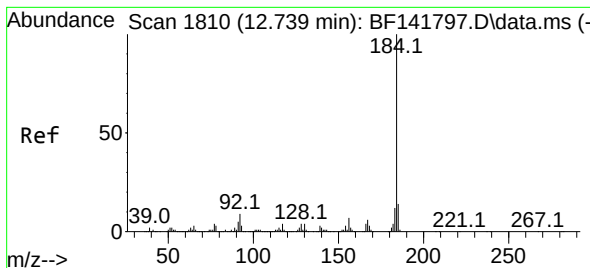
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

Tgt Ion:240 Resp: 569230
Ion Ratio Lower Upper
240 100
120 10.6 9.7 14.5
236 25.5 21.0 31.4





#77

Benzidine

Concen: 111.640 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.000 min

Lab File: BF141863.D

Acq: 06 Mar 2025 12:21

Instrument :

BNA_F

ClientSampleId :

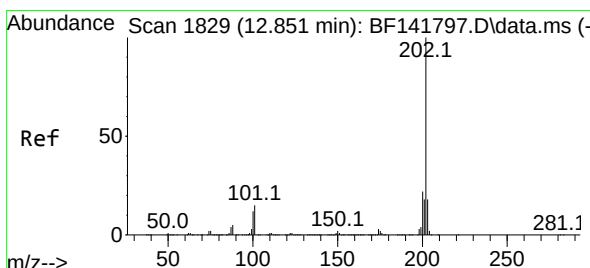
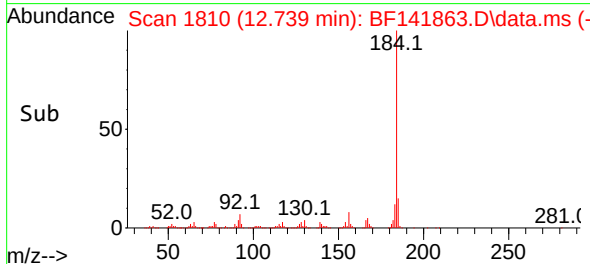
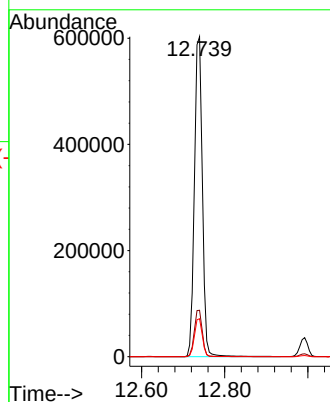
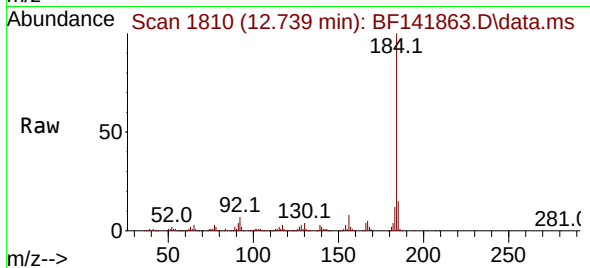
PB166982BSD

Tgt Ion:184 Resp: 799850
 Ion Ratio Lower Upper
 184 100
 185 14.5 11.6 17.4
 183 11.9 9.4 14.0

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



#78

Pyrene

Concen: 42.306 ng

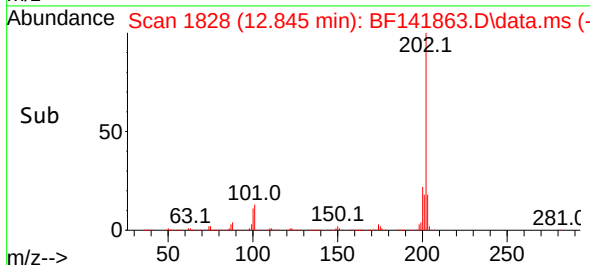
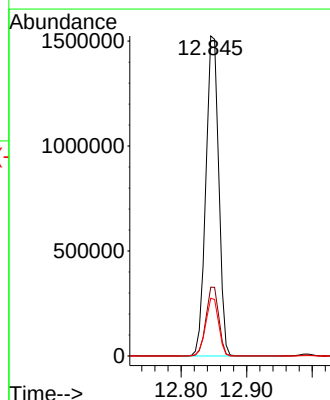
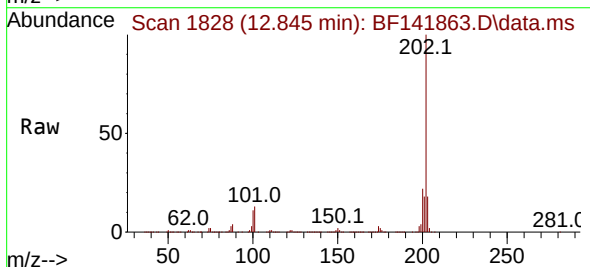
RT: 12.845 min Scan# 1828

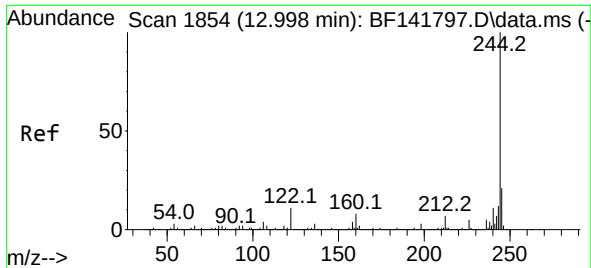
Delta R.T. -0.006 min

Lab File: BF141863.D

Acq: 06 Mar 2025 12:21

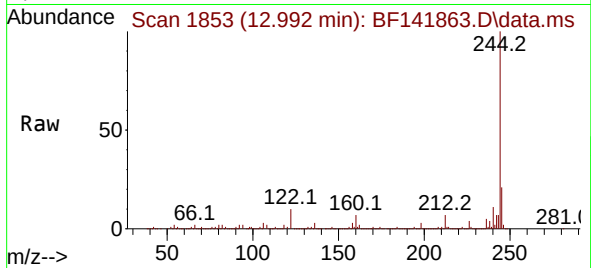
Tgt Ion:202 Resp: 2085318
 Ion Ratio Lower Upper
 202 100
 200 21.5 17.4 26.0
 203 18.1 14.6 22.0





#79
Terphenyl-d14
Concen: 95.090 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.006 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

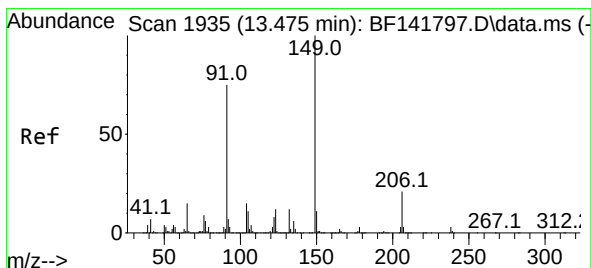
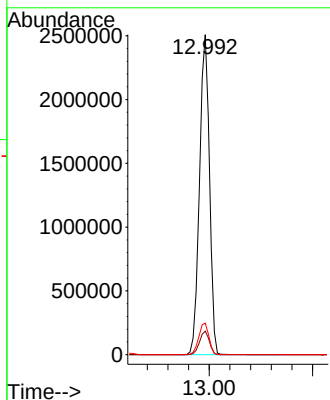
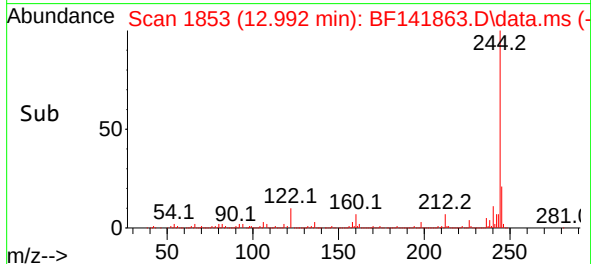
Instrument :
BNA_F
ClientSampleId :
PB166982BSD



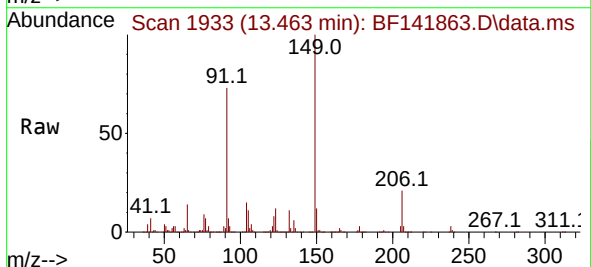
Tgt Ion:244 Resp: 334553
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 9.8 9.0 13.6

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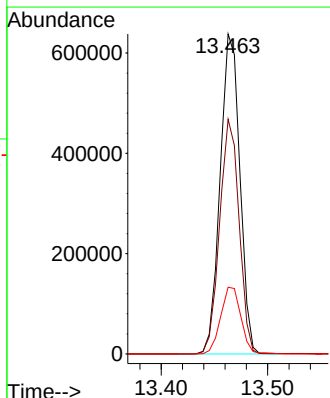
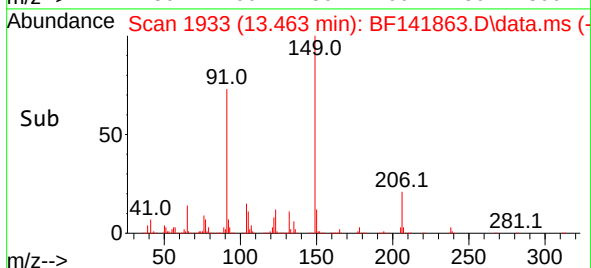
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025

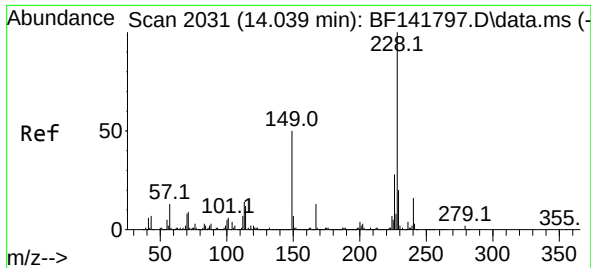


#80
Butylbenzylphthalate
Concen: 45.705 ng
RT: 13.463 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21



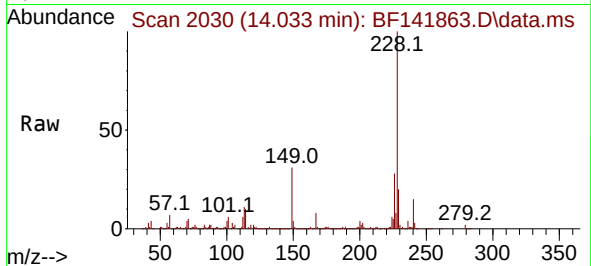
Tgt Ion:149 Resp: 818517
Ion Ratio Lower Upper
149 100
91 73.3 60.1 90.1
206 20.9 16.8 25.2





#81
Benzo(a)anthracene
Concen: 44.583 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

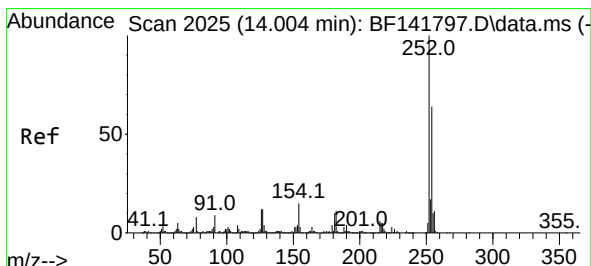
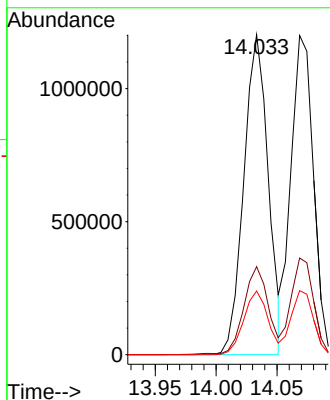
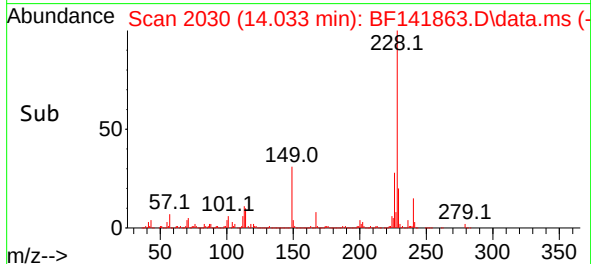
Instrument :
BNA_F
ClientSampleId :
PB166982BSD



Tgt Ion:228 Resp: 167626
Ion Ratio Lower Upper
228 100
226 27.5 22.1 33.1
229 19.9 16.1 24.1

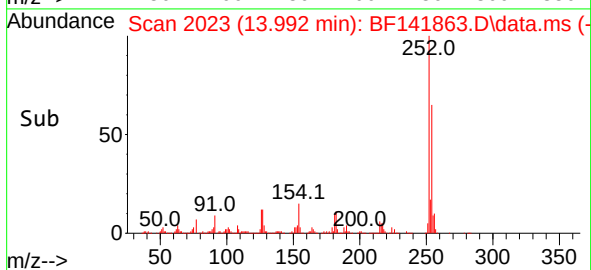
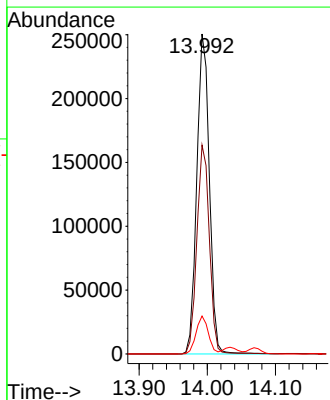
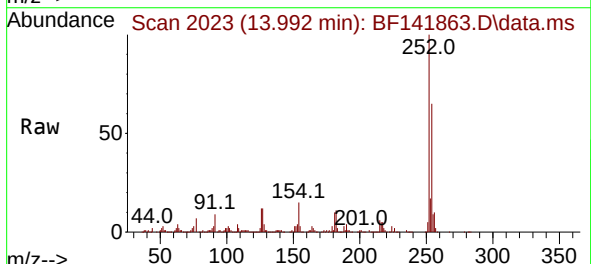
Manual Integrations
APPROVED

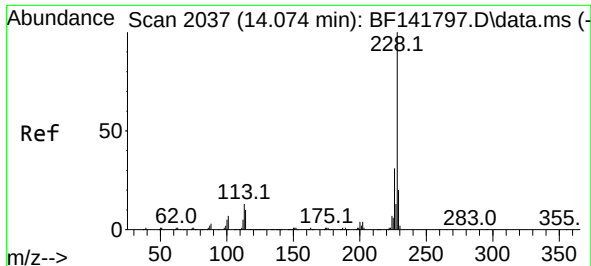
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#82
3,3'-Dichlorobenzidine
Concen: 29.725 ng
RT: 13.992 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

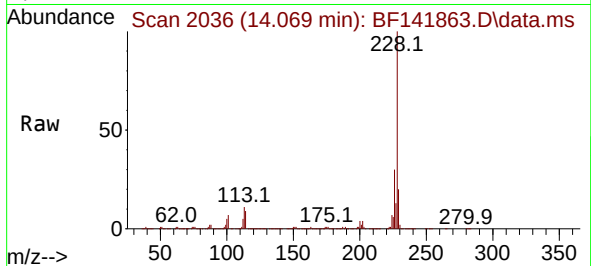
Tgt Ion:252 Resp: 320647
Ion Ratio Lower Upper
252 100
254 65.2 51.4 77.0
126 11.9 9.8 14.6





#83
Chrysene
Concen: 44.720 ng
RT: 14.069 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

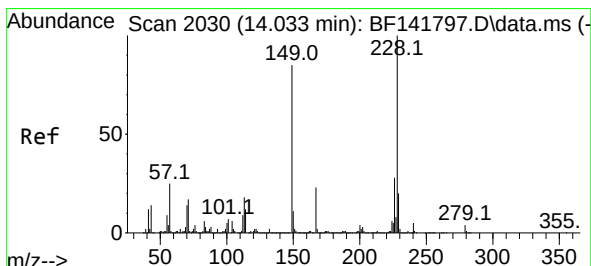
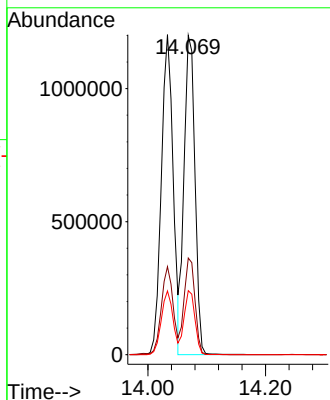
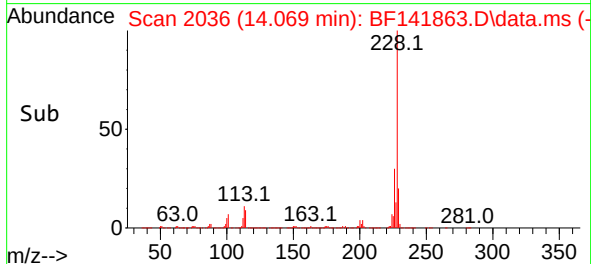
Instrument :
BNA_F
ClientSampleId :
PB166982BSD



Tgt Ion:228 Resp: 1549950
Ion Ratio Lower Upper
228 100
226 30.3 24.6 37.0
229 20.1 16.1 24.1

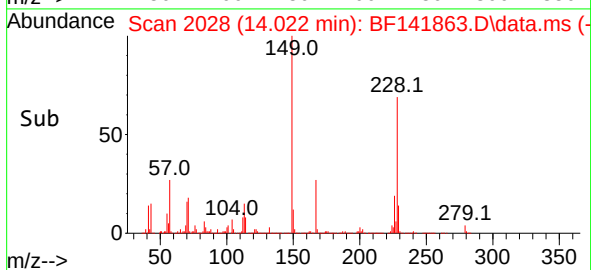
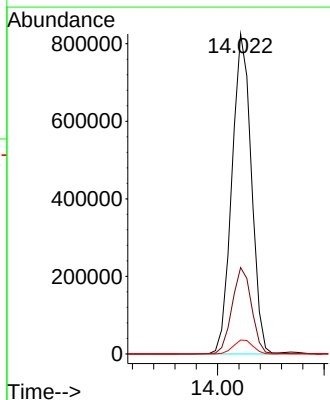
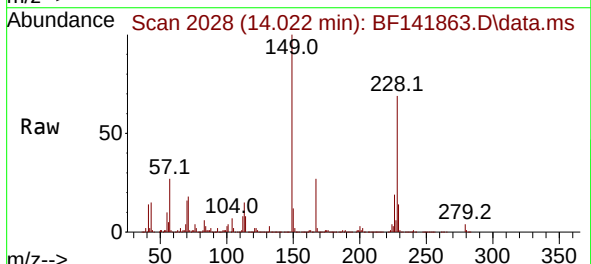
Manual Integrations
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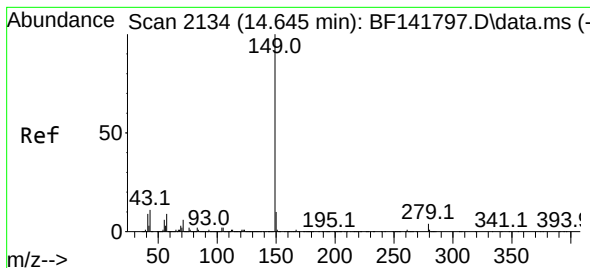
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.892 ng
RT: 14.022 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

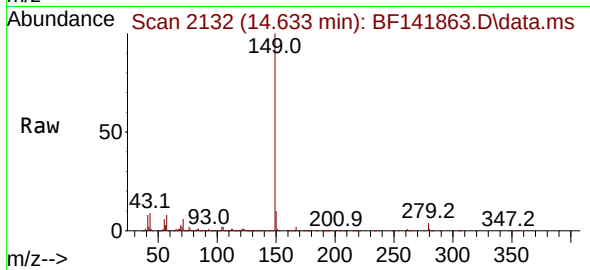
Tgt Ion:149 Resp: 1045650
Ion Ratio Lower Upper
149 100
167 27.0 21.2 31.8
279 4.4 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 45.774 ng
RT: 14.633 min Scan# 2134
Delta R.T. -0.012 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

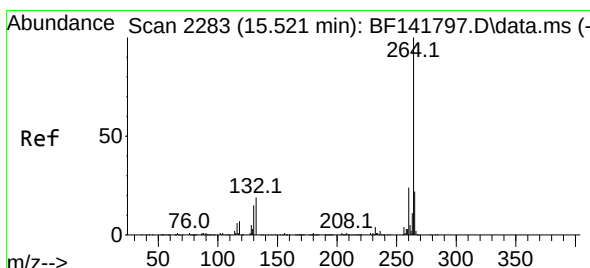
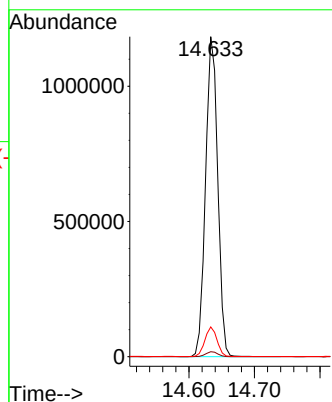
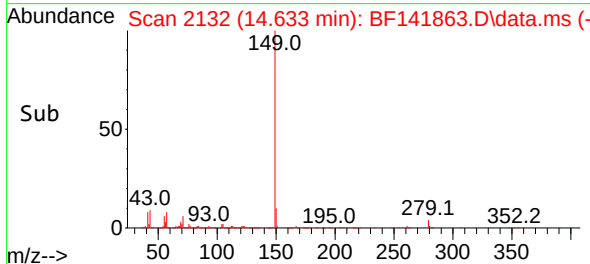
Instrument :
BNA_F
ClientSampleId :
PB166982BSD



Tgt Ion:149 Resp: 152812
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.1 8.6 12.8

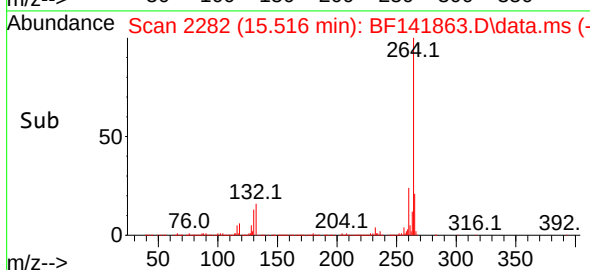
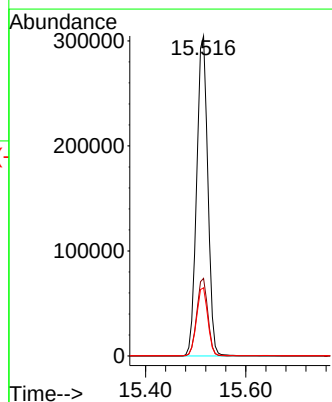
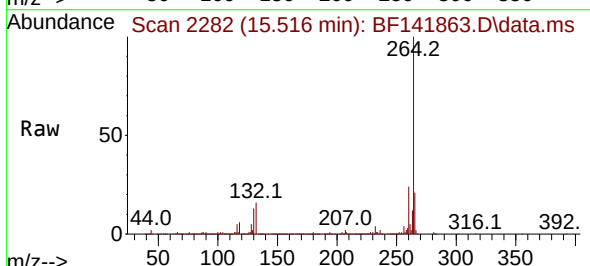
Manual Integrations
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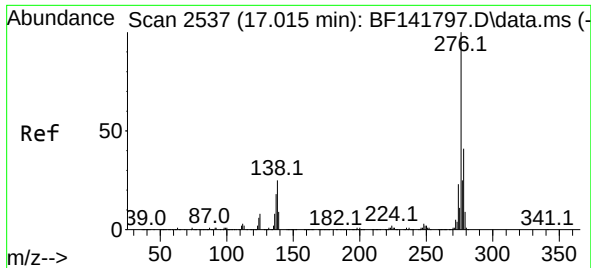
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.516 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

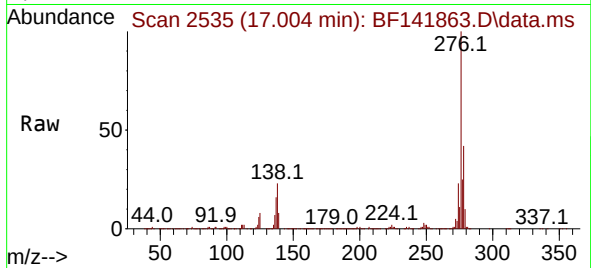
Tgt Ion:264 Resp: 468514
Ion Ratio Lower Upper
264 100
260 24.2 18.9 28.3
265 21.3 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.269 ng
RT: 17.004 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

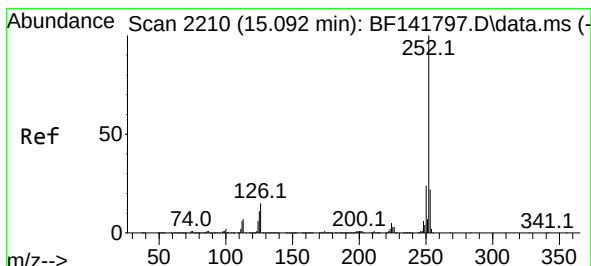
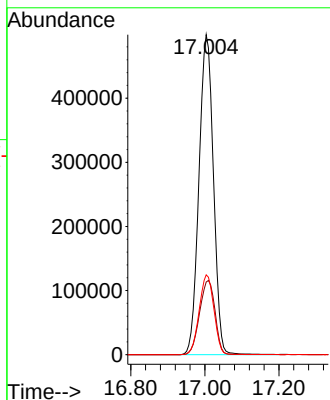
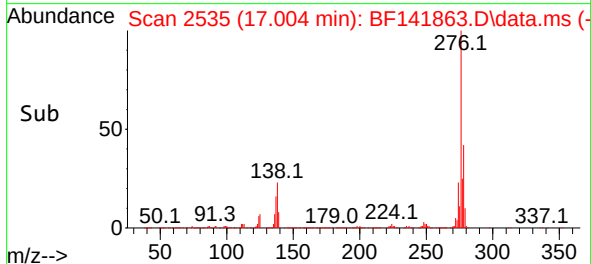
Instrument :
BNA_F
ClientSampleId :
PB166982BSD



Tgt Ion:276 Resp: 1350529
Ion Ratio Lower Upper
276 100
138 24.8 22.5 33.7
277 25.4 20.3 30.5

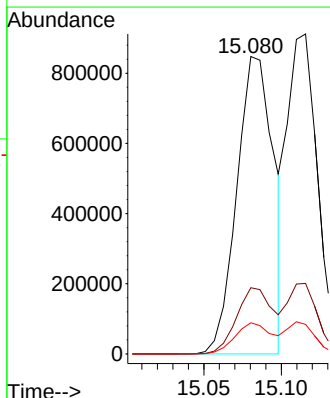
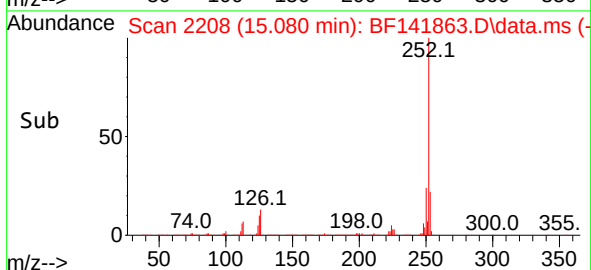
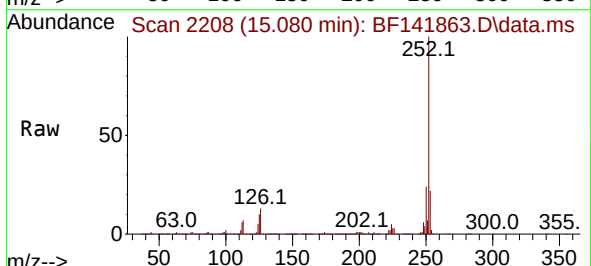
Manual Integrations
APPROVED

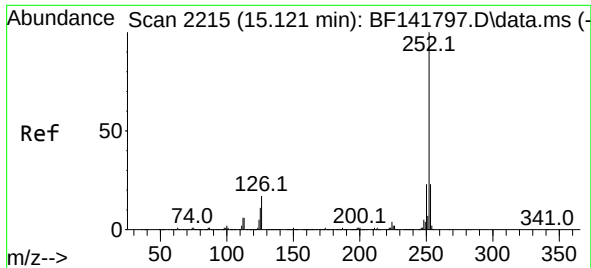
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#88
Benzo(b)fluoranthene
Concen: 43.962 ng
RT: 15.080 min Scan# 2208
Delta R.T. -0.012 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

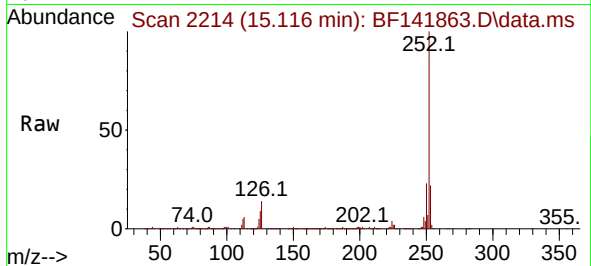
Tgt Ion:252 Resp: 1402993
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 10.5 8.6 13.0





#89
Benzo(k)fluoranthene
Concen: 45.150 ng
RT: 15.116 min Scan# 2214
Delta R.T. -0.006 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

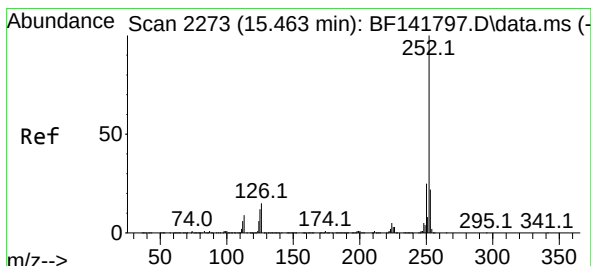
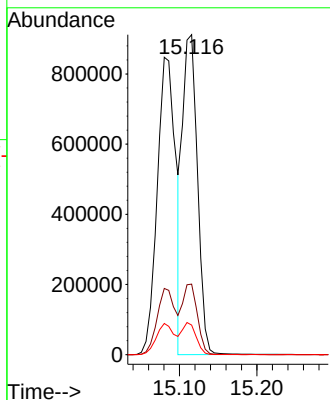
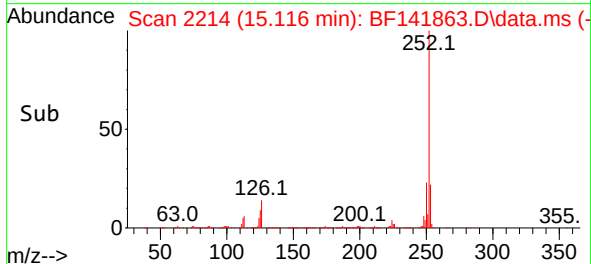
Instrument :
BNA_F
ClientSampleId :
PB166982BSD



Tgt Ion:252 Resp: 122470
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 9.3 8.8 13.2

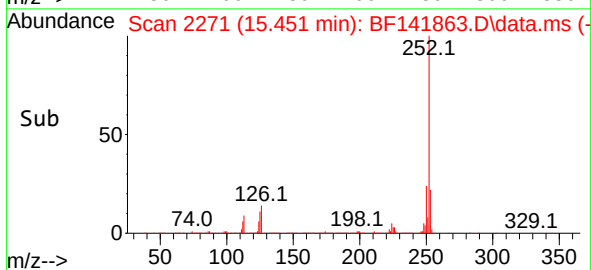
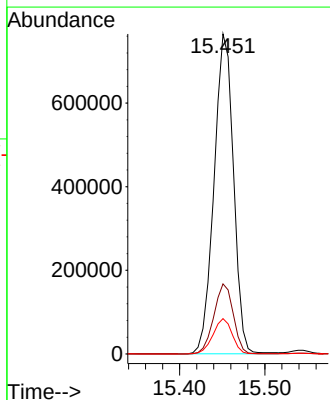
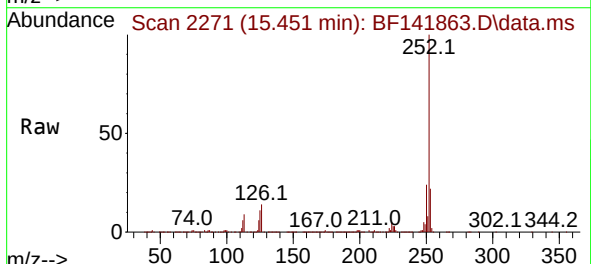
Manual Integrations
APPROVED

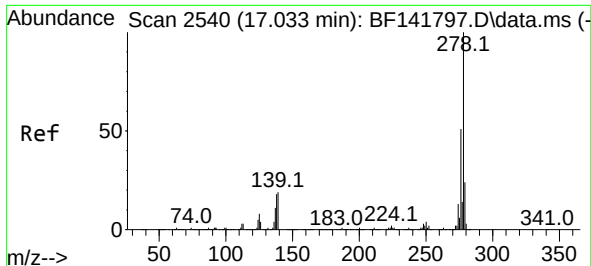
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#90
Benzo(a)pyrene
Concen: 47.474 ng
RT: 15.451 min Scan# 2271
Delta R.T. -0.012 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

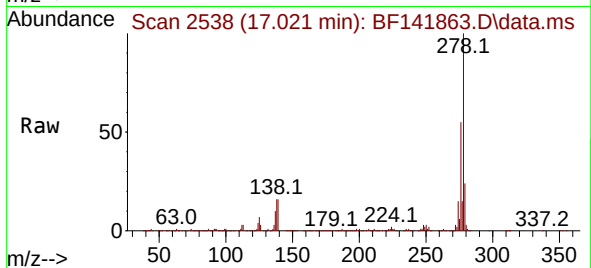
Tgt Ion:252 Resp: 1215083
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 11.1 9.4 14.2





#91
Dibenzo(a,h)anthracene
Concen: 44.973 ng
RT: 17.021 min Scan# 2538
Delta R.T. -0.012 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

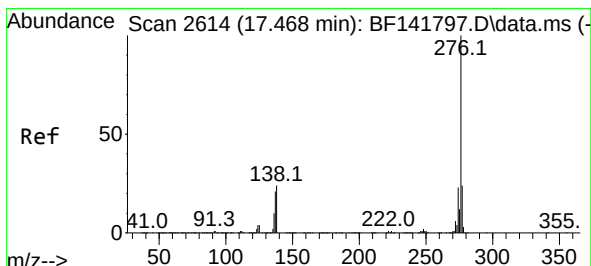
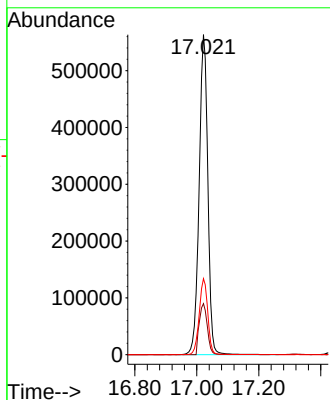
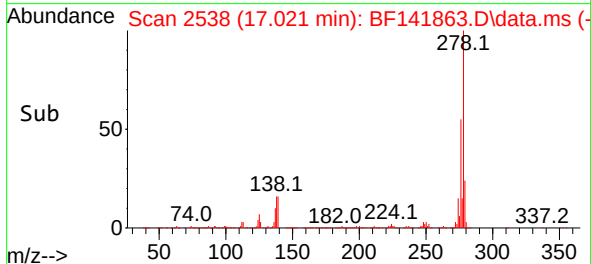
Instrument :
BNA_F
ClientSampleId :
PB166982BSD



Tgt Ion:278 Resp: 109517
Ion Ratio Lower Upper
278 100
139 15.9 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: 41.770 ng
RT: 17.457 min Scan# 2612
Delta R.T. -0.012 min
Lab File: BF141863.D
Acq: 06 Mar 2025 12:21

Tgt Ion:276 Resp: 1042057
Ion Ratio Lower Upper
276 100
277 23.8 19.4 29.0
138 21.2 19.3 28.9

