

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
 Data File : BF142072.D
 Acq On : 25 Mar 2025 12:08
 Operator : RC/JU
 Sample : PB167261BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167261BS

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/26/2025
 Supervised By :Jagrut Upadhyay 03/26/2025

Quant Time: Mar 25 12:28:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	137689	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	547320	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	312564	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	569268	20.000	ng	0.00
76) Chrysene-d12	14.039	240	326232	20.000	ng	0.00
86) Perylene-d12	15.510	264	287415	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1131591	137.163	ng	0.01
7) Phenol-d6	6.504	99	1388340	132.172	ng	0.00
23) Nitrobenzene-d5	7.440	82	921211	94.720	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	662996	167.200	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1956811	95.211	ng	0.00
79) Terphenyl-d14	12.980	244	2594770	117.593	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	141683	40.987	ng	98
3) Pyridine	3.499	79	334138	39.407	ng	97
4) n-Nitrosodimethylamine	3.440	42	169402	41.911	ng	98
6) Aniline	6.534	93	344135	33.211	ng	# 89
8) 2-Chlorophenol	6.657	128	419814	45.882	ng	99
9) Benzaldehyde	6.422	77	105038	17.880	ng	99
10) Phenol	6.516	94	485277	43.914	ng	95
11) bis(2-Chloroethyl)ether	6.610	93	358763	43.236	ng	97
12) 1,3-Dichlorobenzene	6.816	146	443311	44.877	ng	99
13) 1,4-Dichlorobenzene	6.893	146	454039	45.428	ng	99
14) 1,2-Dichlorobenzene	7.045	146	432378	45.929	ng	98
15) Benzyl Alcohol	7.016	79	360247	42.422	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	391140	39.045	ng	95
17) 2-Methylphenol	7.122	107	330983	45.495	ng	99
18) Hexachloroethane	7.387	117	167487	44.688	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	272694	40.402	ng	99
20) 3+4-Methylphenols	7.275	107	414133	44.442	ng	# 86
22) Acetophenone	7.281	105	618261	47.170	ng	97
24) Nitrobenzene	7.457	77	429851	44.459	ng	99
25) Isophorone	7.693	82	759845	44.198	ng	99
26) 2-Nitrophenol	7.769	139	227689	47.982	ng	98
27) 2,4-Dimethylphenol	7.804	122	357310	54.684	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	455125	42.209	ng	99
29) 2,4-Dichlorophenol	8.010	162	362860	44.741	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	399631	44.712	ng	98
31) Naphthalene	8.181	128	1214356	43.193	ng	100
32) Benzoic acid	7.928	122	292726m	50.965	ng	
33) 4-Chloroaniline	8.222	127	164538	16.578	ng	98
34) Hexachlorobutadiene	8.292	225	270461	46.401	ng	98
35) Caprolactam	8.598	113	127037m	51.377	ng	
36) 4-Chloro-3-methylphenol	8.704	107	408510	45.154	ng	100
37) 2-Methylnaphthalene	8.869	142	789798	42.028	ng	100
38) 1-Methylnaphthalene	8.969	142	768704	42.389	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	480813	50.525	ng	98
41) Hexachlorocyclopentadiene	9.022	237	567120	152.276	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	292875	47.091	ng	99

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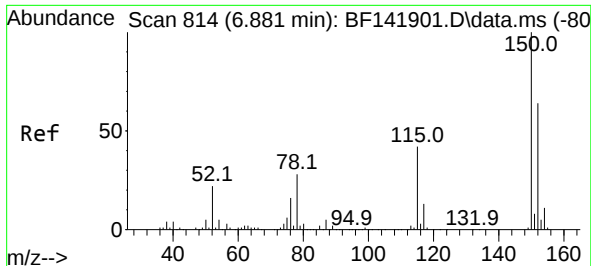
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	298357	47.366	ng	100
46) 1,1'-Biphenyl	9.334	154	1170321	49.279	ng	99
47) 2-Chloronaphthalene	9.357	162	801831	45.298	ng	99
48) 2-Nitroaniline	9.451	65	237853	46.408	ng	99
49) Acenaphthylene	9.775	152	1259701	47.955	ng	100
50) Dimethylphthalate	9.634	163	996445	45.525	ng	100
51) 2,6-Dinitrotoluene	9.692	165	221284	48.556	ng	96
52) Acenaphthene	9.945	154	953765	51.667	ng	100
53) 3-Nitroaniline	9.863	138	125966	27.249	ng	98
54) 2,4-Dinitrophenol	9.975	184	259866	98.687	ng	# 46
55) Dibenzofuran	10.116	168	1164502	44.148	ng	100
56) 4-Nitrophenol	10.028	139	348505	99.968	ng	96
57) 2,4-Dinitrotoluene	10.098	165	312223	52.454	ng	98
58) Fluorene	10.463	166	930525	45.746	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.234	232	276983	48.324	ng	98
60) Diethylphthalate	10.334	149	984327	45.101	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	488587	46.071	ng	97
62) 4-Nitroaniline	10.481	138	207275	46.055	ng	97
63) Azobenzene	10.610	77	868963	42.825	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	176228	51.929	ng	95
66) n-Nitrosodiphenylamine	10.569	169	823371	44.696	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	322423	45.098	ng	99
68) Hexachlorobenzene	11.010	284	377441	48.136	ng	94
69) Atrazine	11.098	200	346533	61.362	ng	98
70) Pentachlorophenol	11.204	266	451559	93.467	ng	100
71) Phenanthrene	11.422	178	1415949	46.050	ng	99
72) Anthracene	11.475	178	1437957	46.614	ng	100
73) Carbazole	11.628	167	1223955	46.007	ng	100
74) Di-n-butylphthalate	11.957	149	1555053	44.052	ng	100
75) Fluoranthene	12.610	202	1476771	45.277	ng	100
77) Benzidine	12.733	184	242836	53.352	ng	99
78) Pyrene	12.839	202	1452629	51.476	ng	99
80) Butylbenzylphthalate	13.457	149	554523	50.205	ng	96
81) Benzo(a)anthracene	14.027	228	1028307	48.035	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	180449	29.168	ng	99
83) Chrysene	14.063	228	919626	47.391	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	739908	48.586	ng	99
85) Di-n-octyl phthalate	14.621	149	1016688	47.981	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	774601	41.662	ng	97
88) Benzo(b)fluoranthene	15.074	252	881604	44.756	ng	100
89) Benzo(k)fluoranthene	15.104	252	740885	43.951	ng	99
90) Benzo(a)pyrene	15.445	252	743289	48.225	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	627831	40.927	ng	98
92) Benzo(g,h,i)perylene	17.445	276	571389	37.692	ng	97

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

Manual Integrations

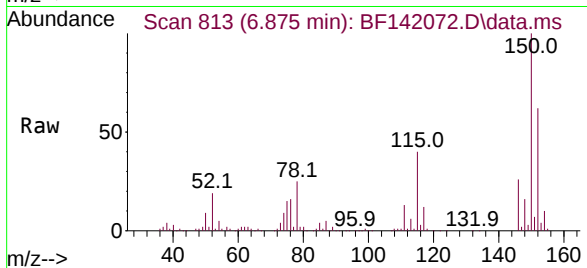
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

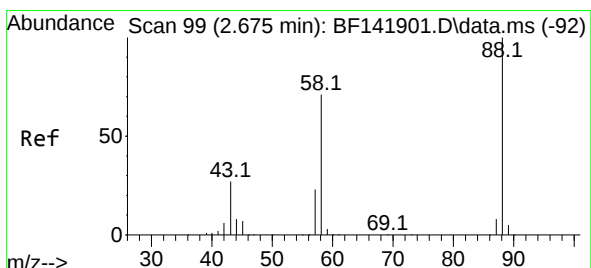
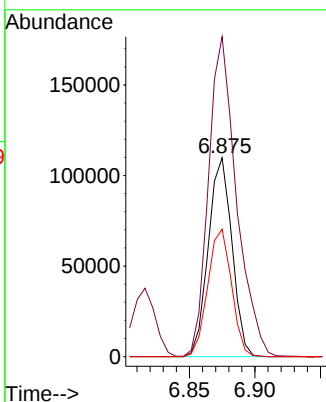
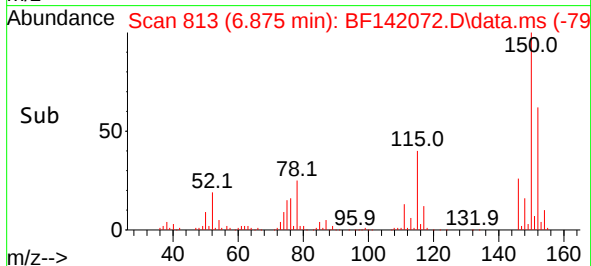
Instrument :
BNA_F
ClientSampleId :
PB167261BS



Tgt Ion:152 Resp: 137689
Ion Ratio Lower Upper
152 100
150 160.9 127.4 191.2
115 64.1 51.9 77.9

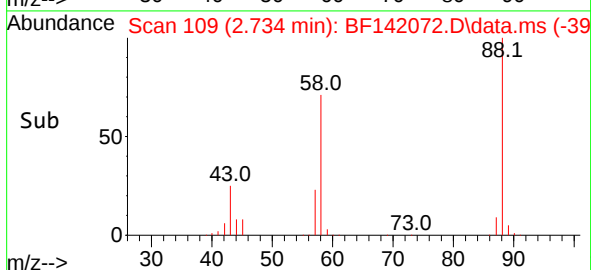
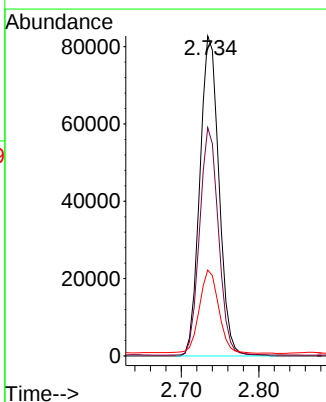
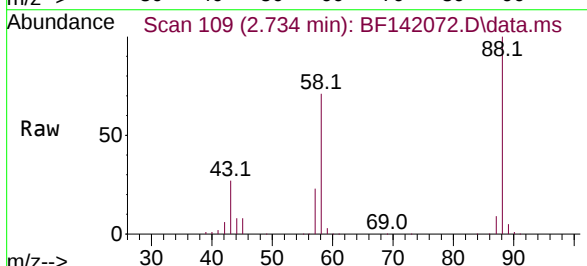
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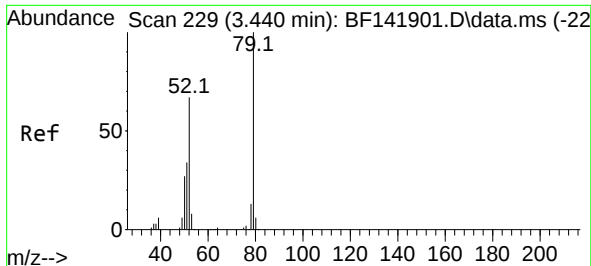
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#2
1,4-Dioxane
Concen: 40.987 ng
RT: 2.734 min Scan# 109
Delta R.T. 0.059 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

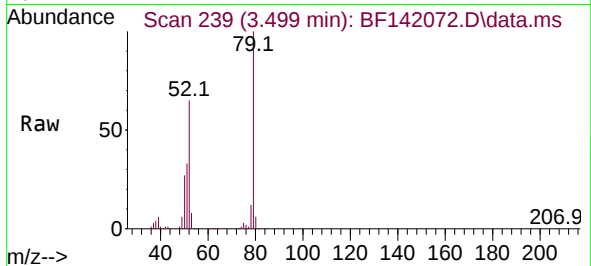
Tgt Ion: 88 Resp: 141683
Ion Ratio Lower Upper
88 100
58 70.2 57.4 86.2
43 26.3 21.5 32.3





#3
Pyridine
Concen: 39.407 ng
RT: 3.499 min Scan# 239
Delta R.T. 0.059 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

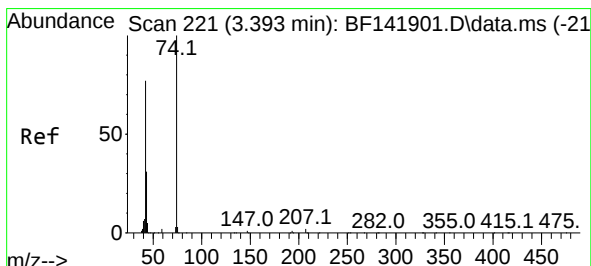
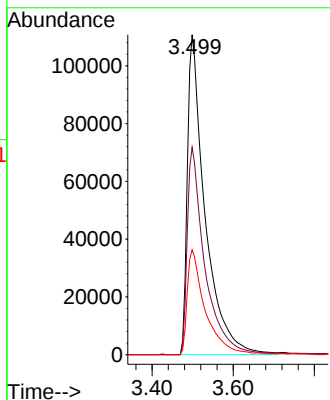
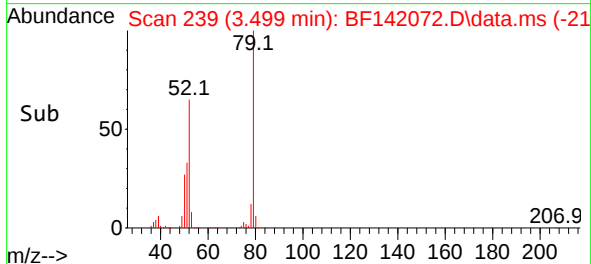
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ClientSampleId :
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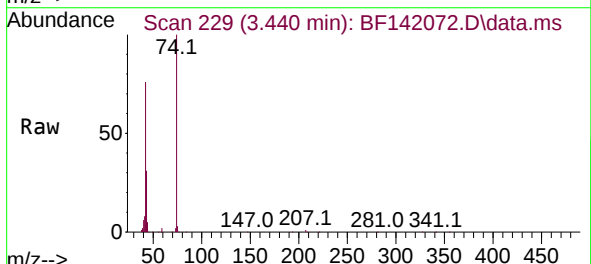
Tgt Ion: 79 Resp: 334138
Ion Ratio Lower Upper
79 100
52 64.8 53.3 79.9
51 32.8 27.6 41.4

Manual Integrations
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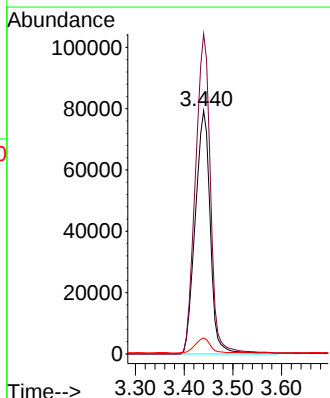
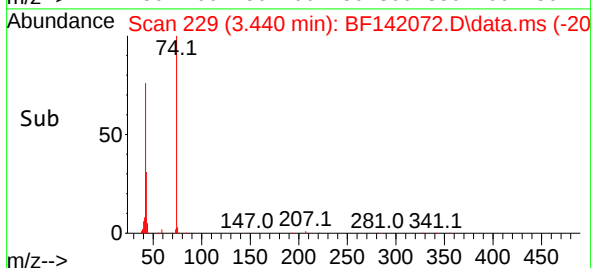
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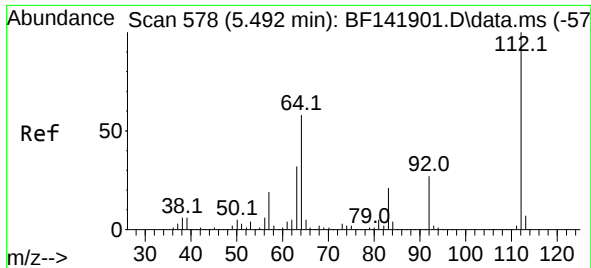


#4
n-Nitrosodimethylamine
Concen: 41.911 ng
RT: 3.440 min Scan# 229
Delta R.T. 0.047 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08



Tgt Ion: 42 Resp: 169402
Ion Ratio Lower Upper
42 100
74 131.6 103.4 155.0
44 6.6 5.0 7.4





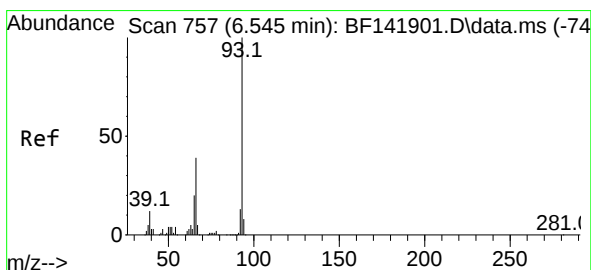
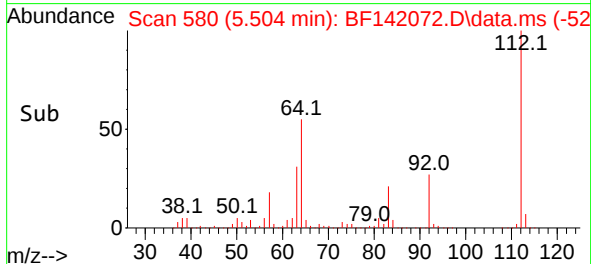
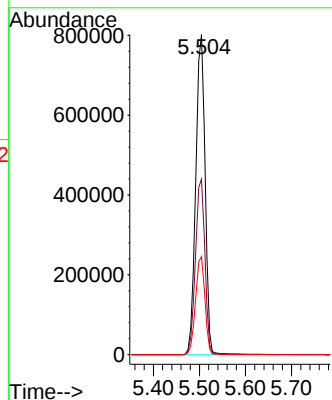
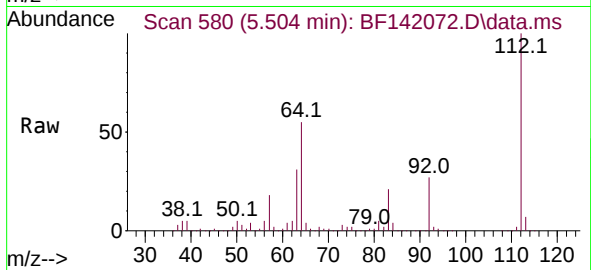
#5
2-Fluorophenol
Concen: 137.163 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

Instrument :
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Tgt Ion: 112 Resp: 113159
Ion Ratio Lower Upper
112 100
64 54.8 46.5 69.7
63 30.6 25.4 38.2

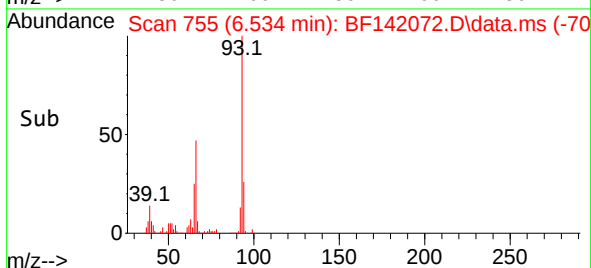
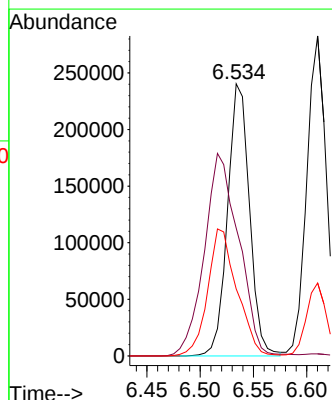
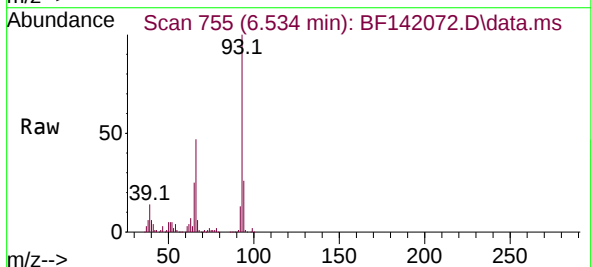
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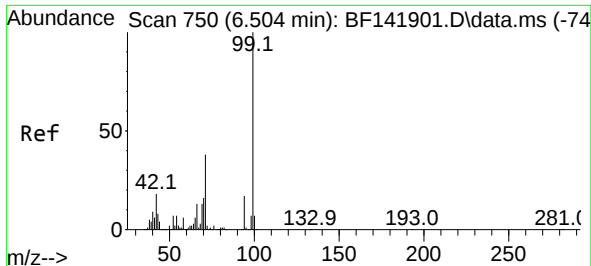
Reviewed By :Anahy Claudio 03/26/2025
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#6
Aniline
Concen: 33.211 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

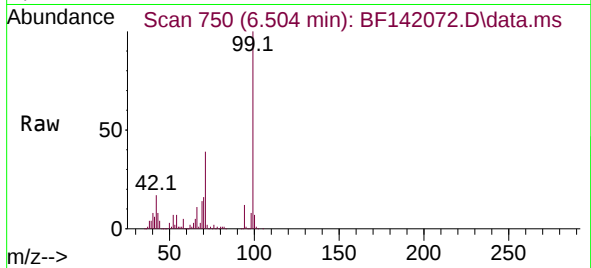
Tgt Ion: 93 Resp: 344135
Ion Ratio Lower Upper
93 100
66 47.0 31.9 47.9
65 24.6 15.8 23.6#





#7
Phenol-d6
Concen: 132.172 ng
RT: 6.504 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

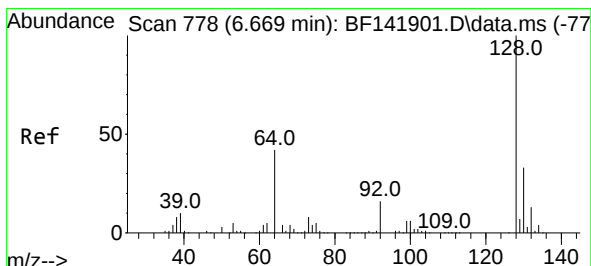
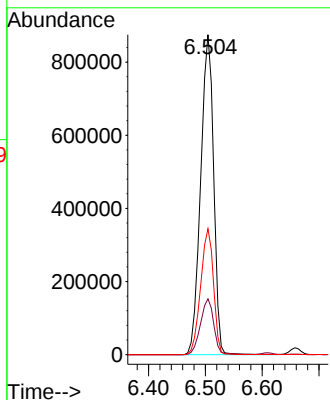
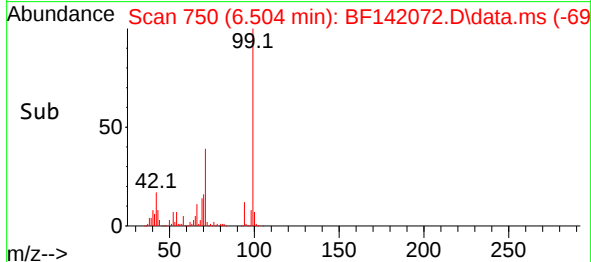
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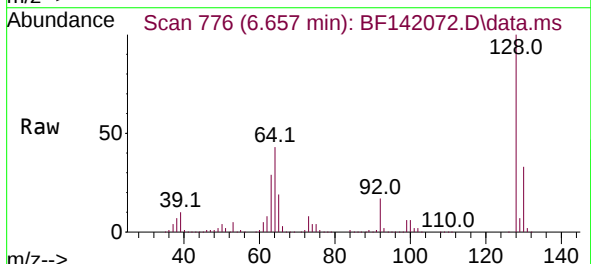
Tgt Ion: 99 Resp: 1388340
Ion Ratio Lower Upper
99 100
42 17.5 14.6 21.8
71 39.4 30.8 46.2

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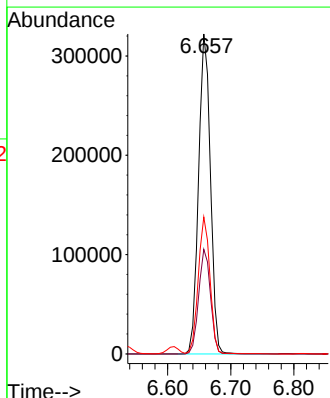
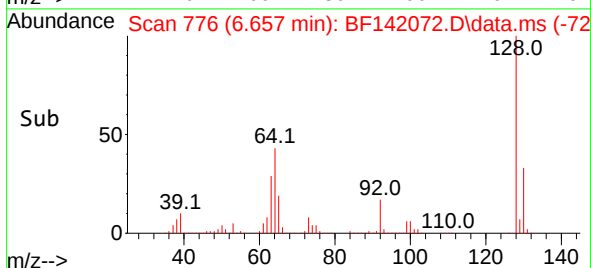
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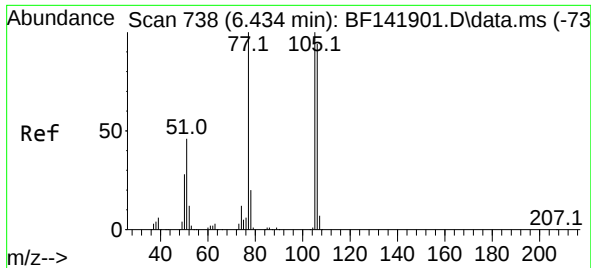


#8
2-Chlorophenol
Concen: 45.882 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.012 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08



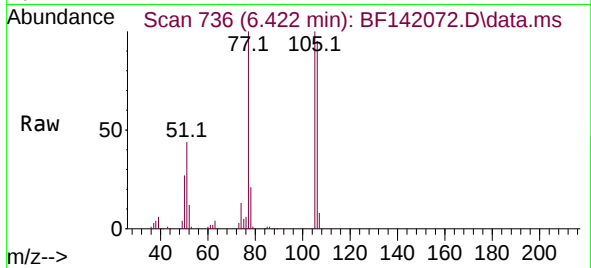
Tgt Ion:128 Resp: 419814
Ion Ratio Lower Upper
128 100
130 32.7 12.8 52.8
64 42.8 24.4 64.4





#9
Benzaldehyde
Concen: 17.880 ng
RT: 6.422 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

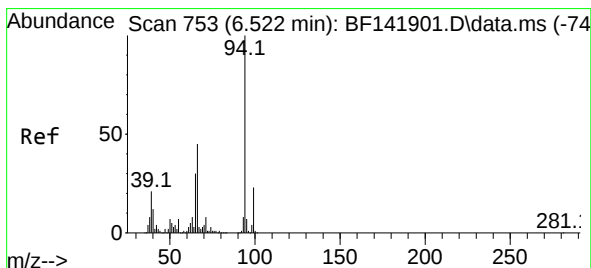
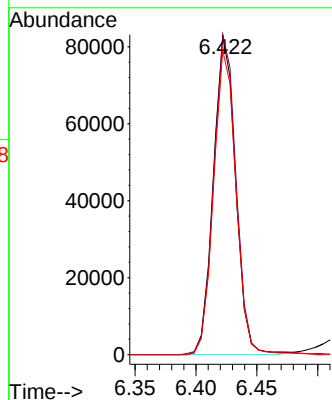
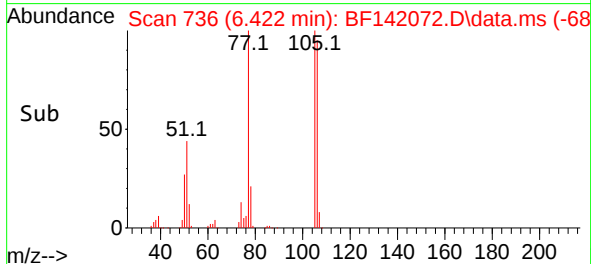
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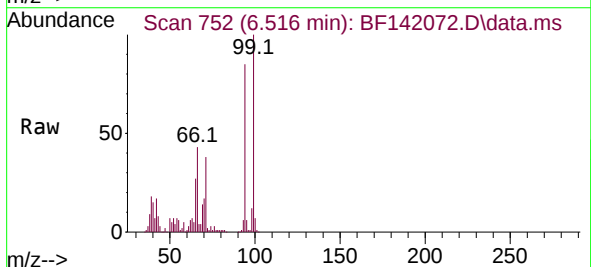
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Ion Ratio Lower Upper
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105 100.4 80.0 120.0
106 95.4 74.5 114.5

Manual Integrations
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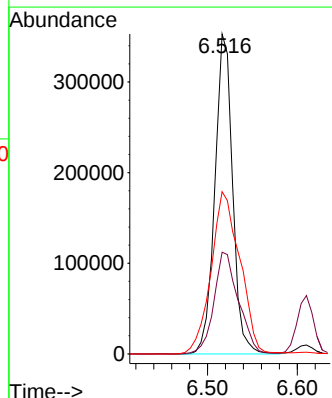
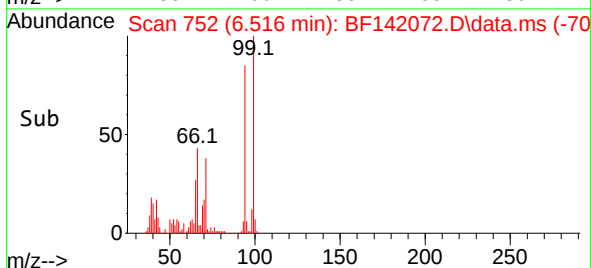
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

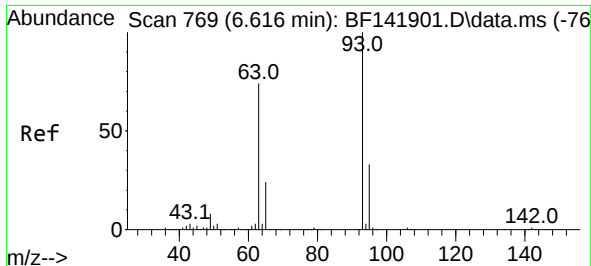


#10
Phenol
Concen: 43.914 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08



Tgt Ion: 94 Resp: 485277
Ion Ratio Lower Upper
94 100
65 31.8 10.5 50.5
66 50.7 25.8 65.8





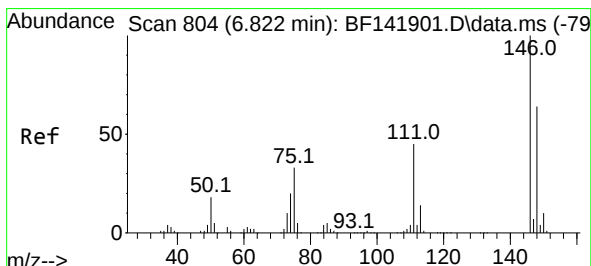
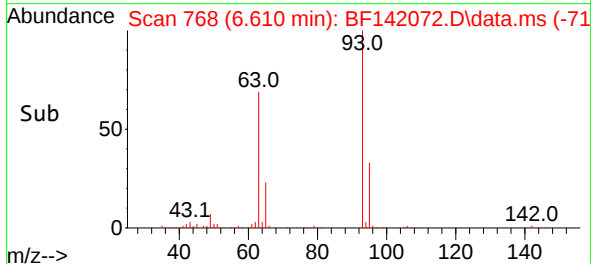
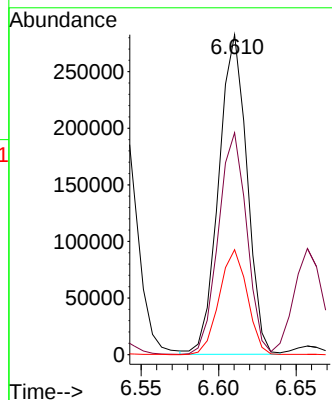
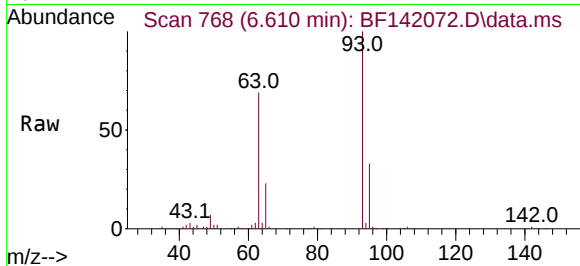
#11
bis(2-Chloroethyl)ether
Concen: 43.236 ng
RT: 6.610 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

Instrument :
BNA_F
ClientSampleId :
PB167261BS

Tgt Ion: 93 Resp: 358763
Ion Ratio Lower Upper
93 100
63 69.3 53.0 93.0
95 32.8 12.9 52.9

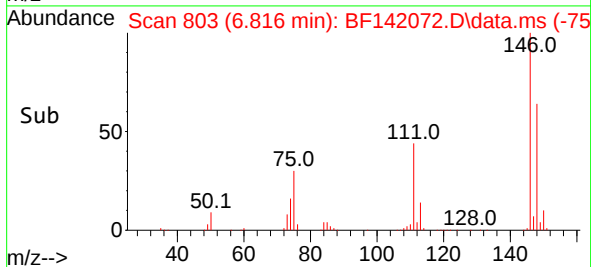
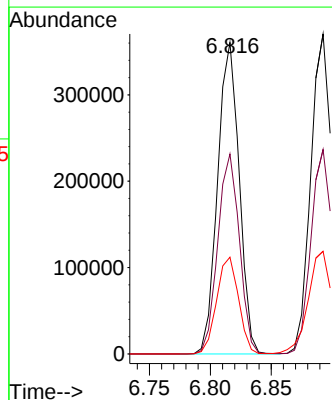
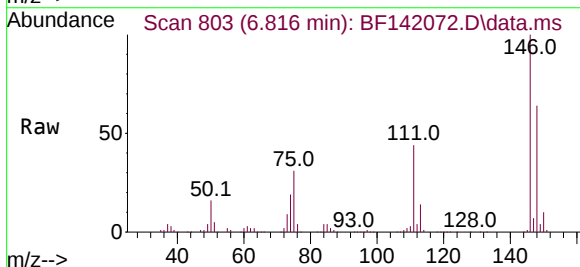
Manual Integrations
APPROVED

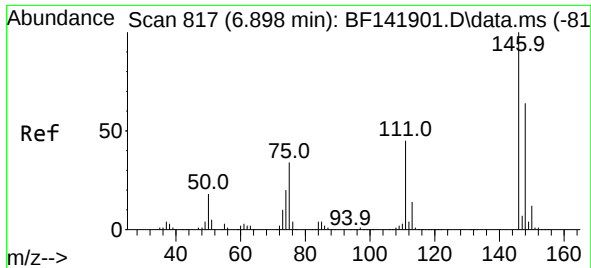
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#12
1,3-Dichlorobenzene
Concen: 44.877 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

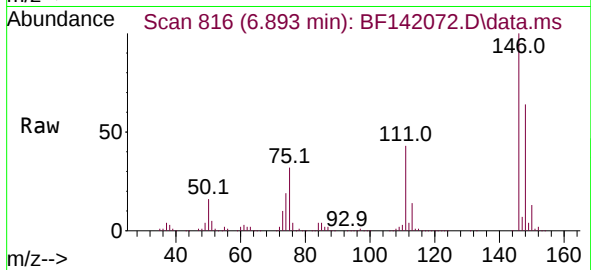
Tgt Ion:146 Resp: 443311
Ion Ratio Lower Upper
146 100
148 64.2 51.3 76.9
75 31.1 26.6 40.0





#13
1,4-Dichlorobenzene
Concen: 45.428 ng
RT: 6.893 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

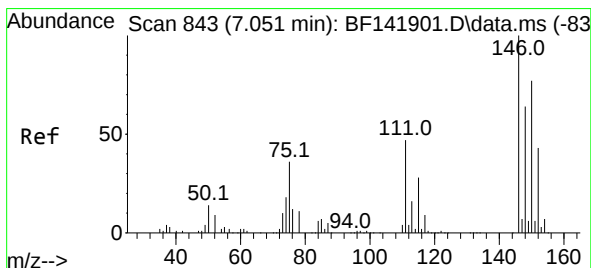
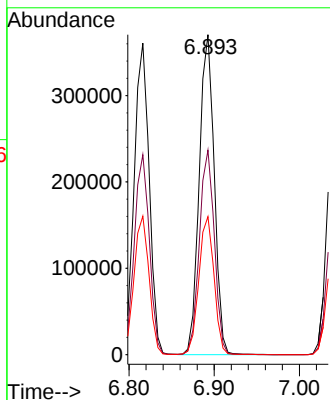
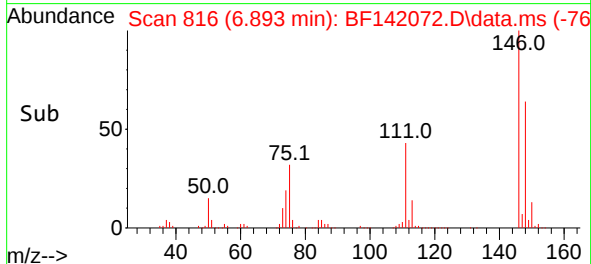
Instrument :
BNA_F
ClientSampleId :
PB167261BS



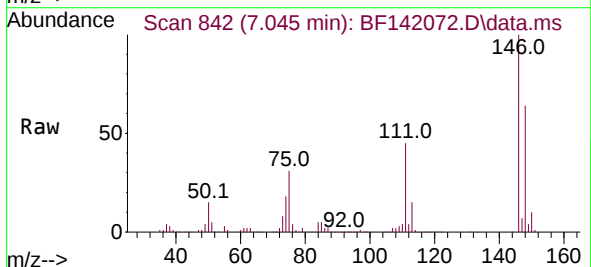
Tgt Ion:146 Resp: 454039
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.6
111 43.1 35.7 53.5

Manual Integrations
APPROVED

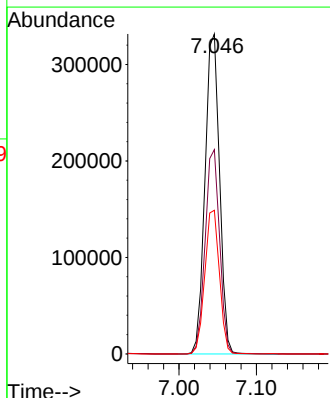
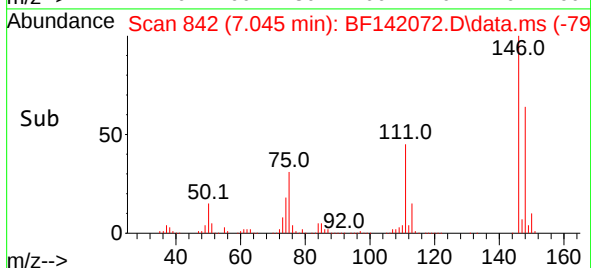
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

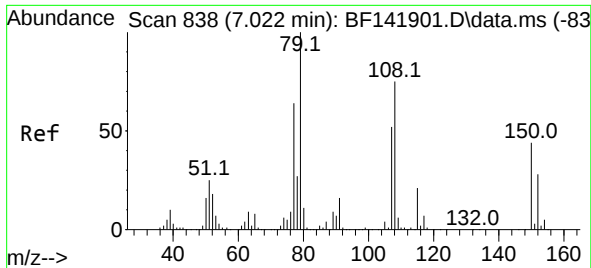


#14
1,2-Dichlorobenzene
Concen: 45.929 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08



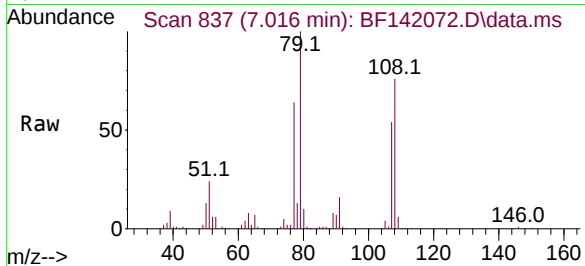
Tgt Ion:146 Resp: 432378
Ion Ratio Lower Upper
146 100
148 63.8 50.8 76.2
111 44.9 38.0 57.0





#15
Benzyl Alcohol
Concen: 42.422 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

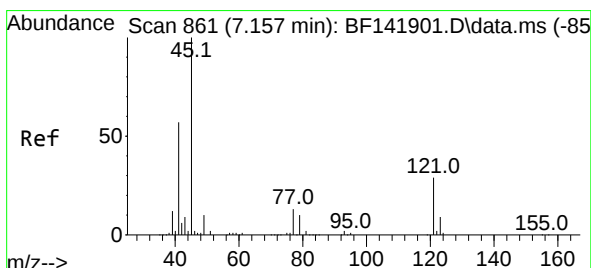
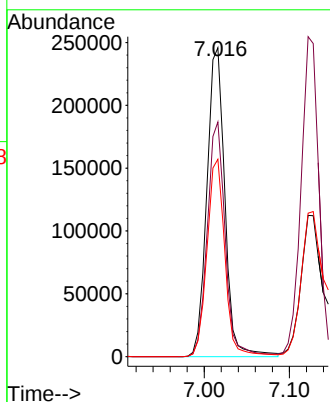
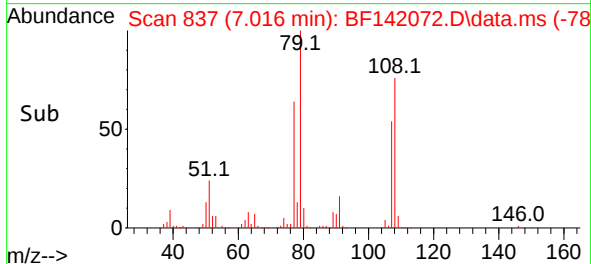
Instrument :
BNA_F
ClientSampleId :
PB167261BS



Tgt Ion: 79 Resp: 360247
Ion Ratio Lower Upper
79 100
108 76.0 59.7 89.5
77 63.9 51.0 76.6

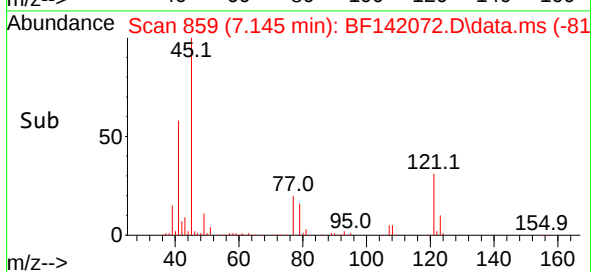
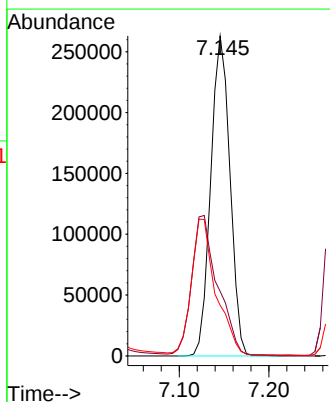
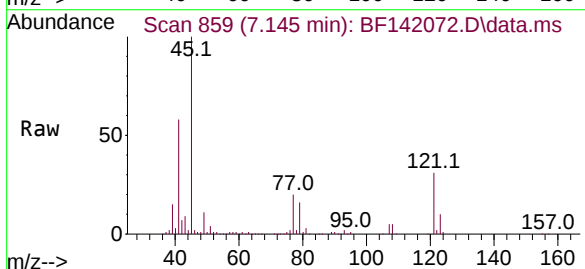
Manual Integrations
APPROVED

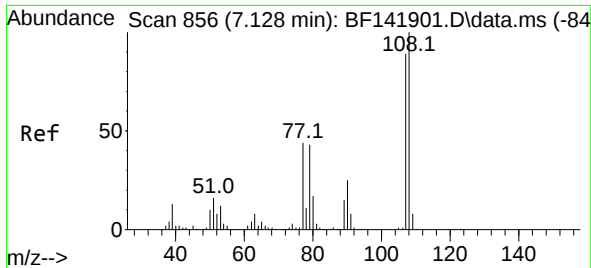
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.045 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.012 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

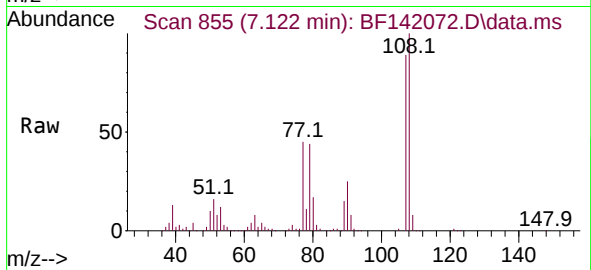
Tgt Ion: 45 Resp: 391140
Ion Ratio Lower Upper
45 100
77 20.2 0.0 37.8
79 15.8 0.0 34.2





#17
2-Methylphenol
Concen: 45.495 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

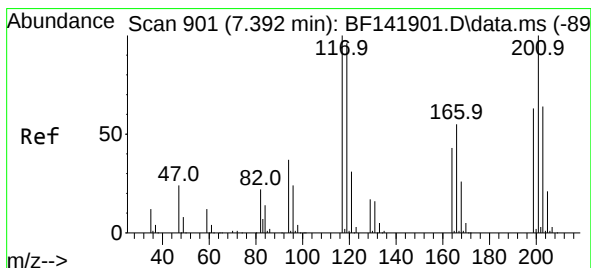
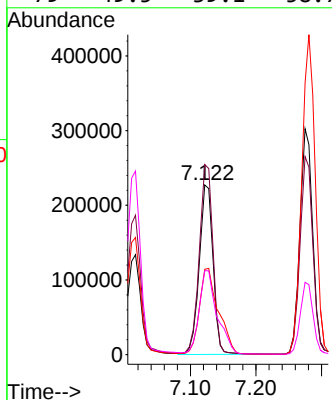
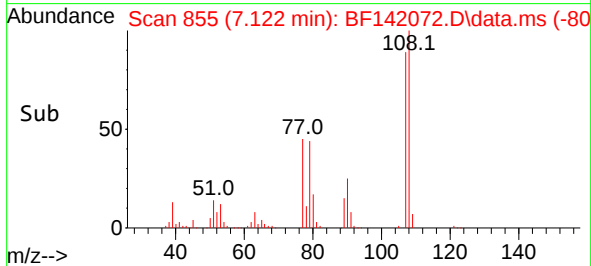
Instrument :
BNA_F
ClientSampleId :
PB167261BS



Tgt Ion:	107	Resp:	330983
Ion Ratio	Lower	Upper	
107	100		
108	112.1	90.2	135.2
77	50.3	39.6	59.4
79	49.5	39.1	58.7

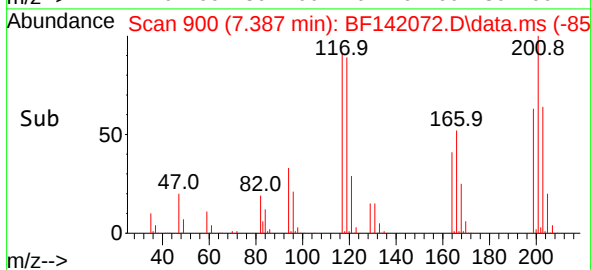
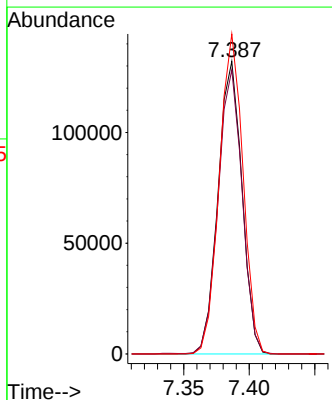
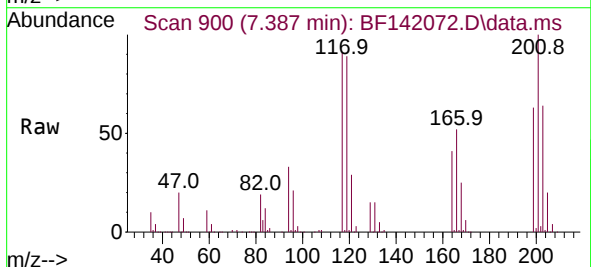
Manual Integrations
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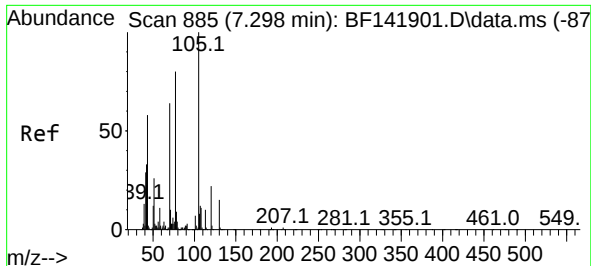
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#18
Hexachloroethane
Concen: 44.688 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

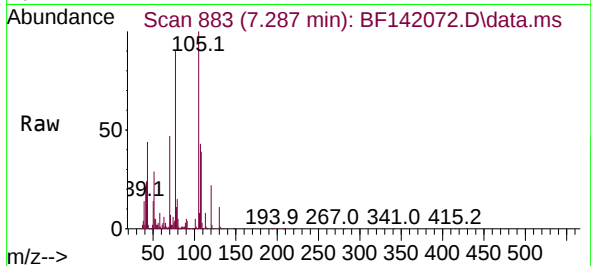
Tgt Ion:	117	Resp:	167487
Ion Ratio	Lower	Upper	
117	100		
119	97.1	76.9	115.3
201	109.4	79.9	119.9





#19
n-Nitroso-di-n-propylamine
Concen: 40.402 ng
RT: 7.287 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

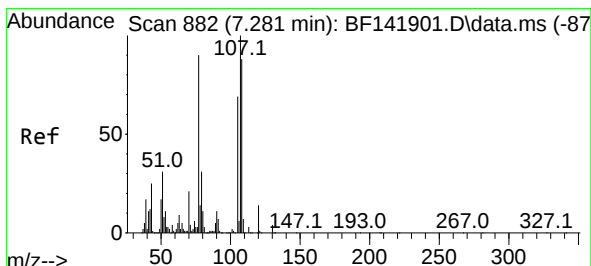
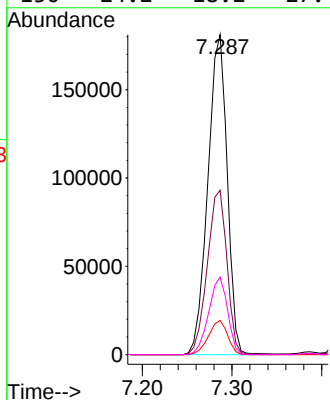
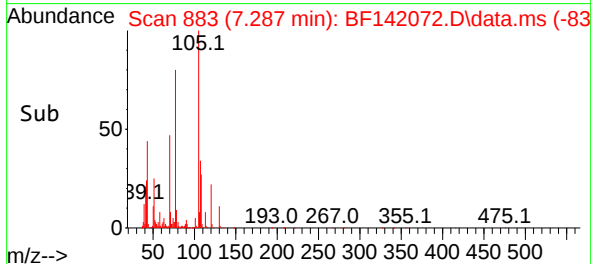
Instrument :
BNA_F
ClientSampleId :
PB167261BS



Tgt Ion: 70 Resp: 272694
Ion Ratio Lower Upper
70 100
42 51.3 41.4 62.0
101 10.7 8.2 12.2
130 24.2 18.2 27.4

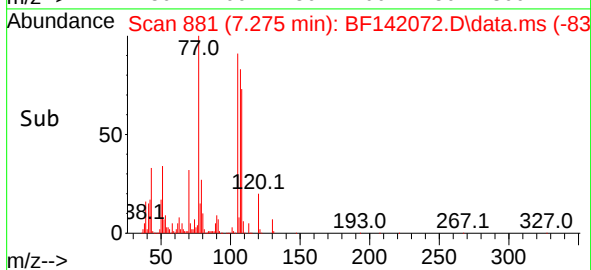
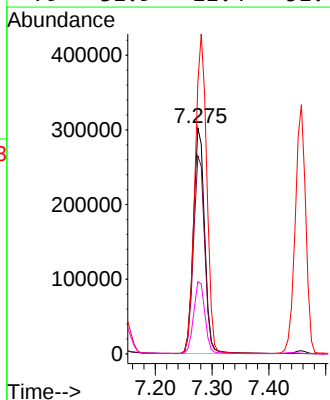
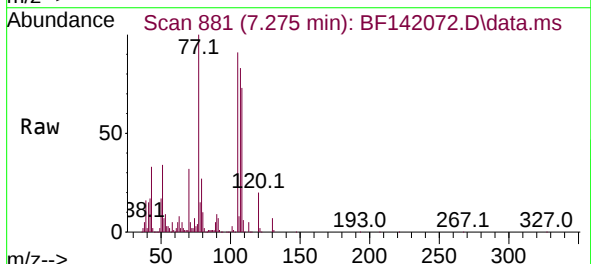
Manual Integrations
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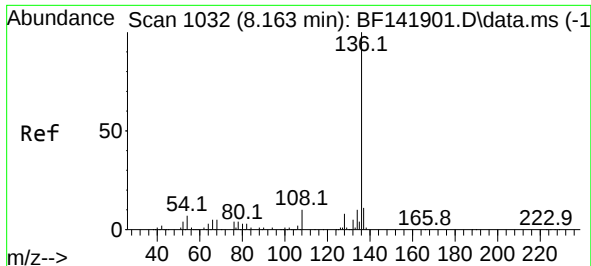
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#20
3+4-Methylphenols
Concen: 44.442 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

Tgt Ion:107 Resp: 414133
Ion Ratio Lower Upper
107 100
108 87.6 68.4 108.4
77 120.2 69.7 109.7#
79 31.9 11.4 51.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

Instrument :

BNA_F

ClientSampleId :

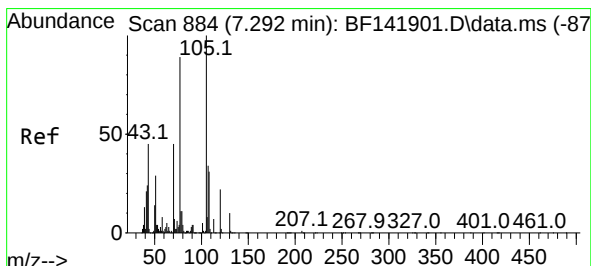
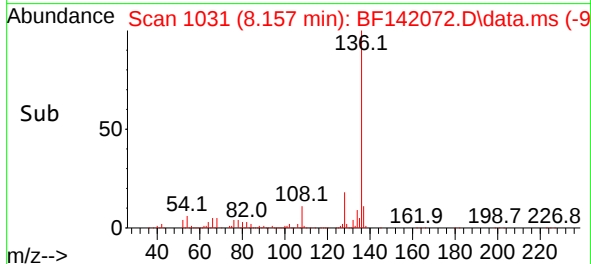
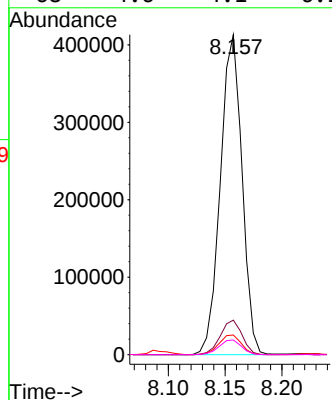
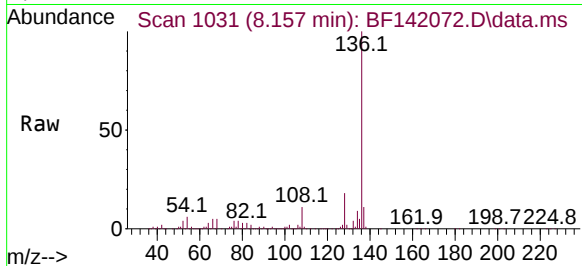
PB167261BS

Tgt Ion:136 Resp: 547320
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.1 5.8 8.8
68 4.6 4.1 6.1

Manual Integrations

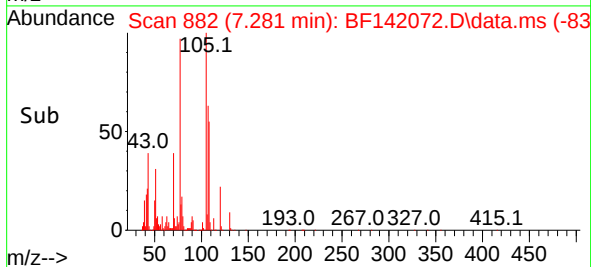
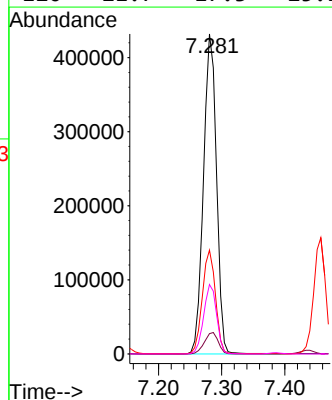
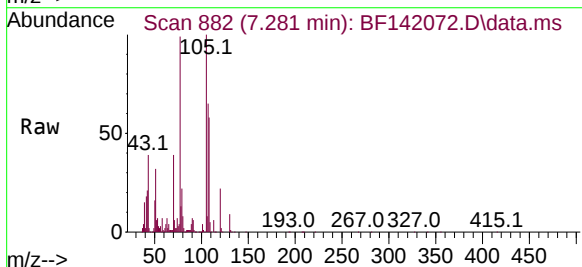
APPROVED

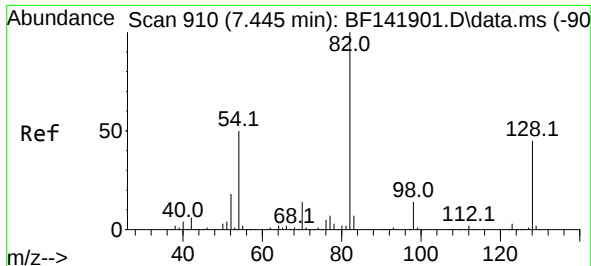
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#22
Acetophenone
Concen: 47.170 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

Tgt Ion:105 Resp: 618261
Ion Ratio Lower Upper
105 100
71 6.3 5.8 8.8
51 32.4 23.4 35.0
120 21.7 17.3 25.9





#23

Nitrobenzene-d5

Concen: 94.720 ng

RT: 7.440 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF142072.D

Acq: 25 Mar 2025 12:08

Instrument :

BNA_F

ClientSampleId :

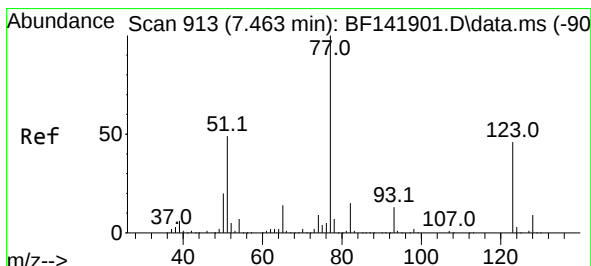
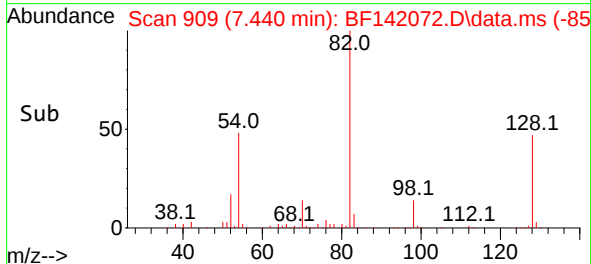
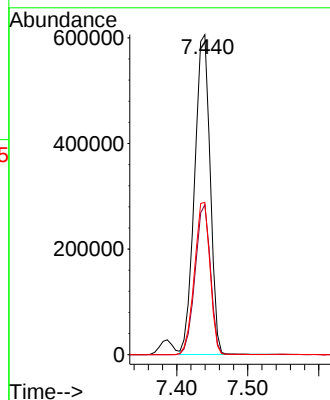
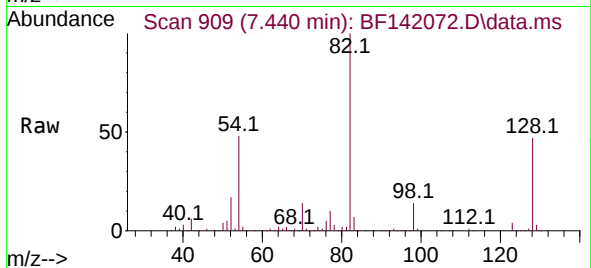
PB167261BS

Tgt Ion: 82 Resp: 921211
 Ion Ratio Lower Upper
 82 100
 128 46.8 36.0 54.0
 54 47.6 39.6 59.4

Manual Integrations

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Reviewed By :Anahy Claudio 03/26/2025
 Supervised By :Jagrut Upadhyay 03/26/2025



#24

Nitrobenzene

Concen: 44.459 ng

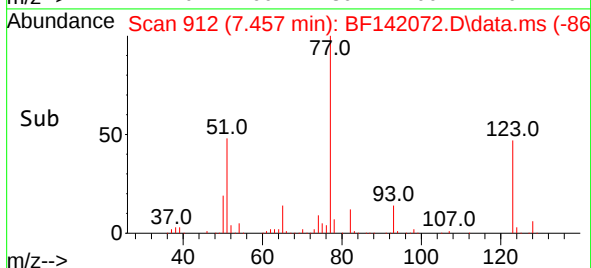
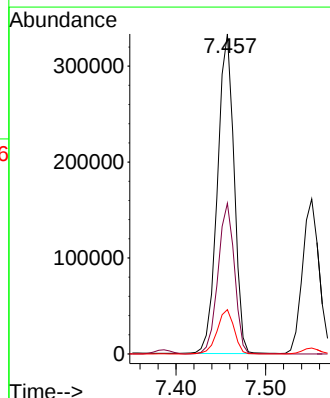
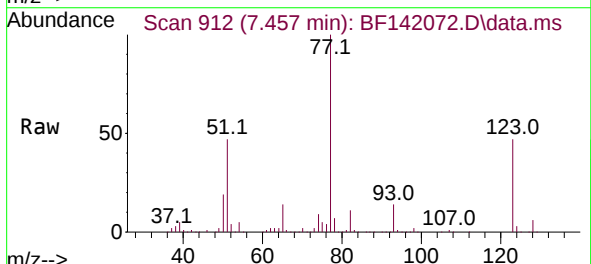
RT: 7.457 min Scan# 912

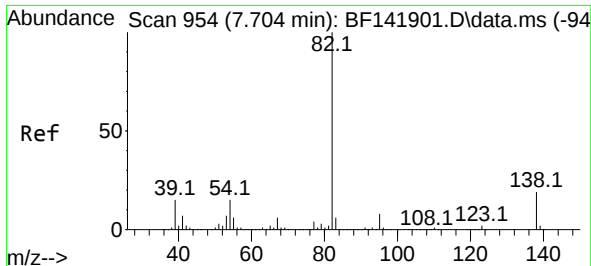
Delta R.T. -0.006 min

Lab File: BF142072.D

Acq: 25 Mar 2025 12:08

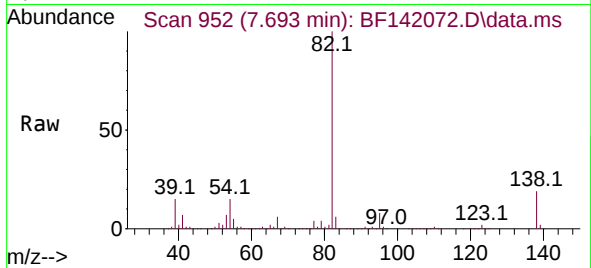
Tgt Ion: 77 Resp: 429851
 Ion Ratio Lower Upper
 77 100
 123 47.1 37.0 55.4
 65 13.8 11.3 16.9





#25
Isophorone
Concen: 44.198 ng
RT: 7.693 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

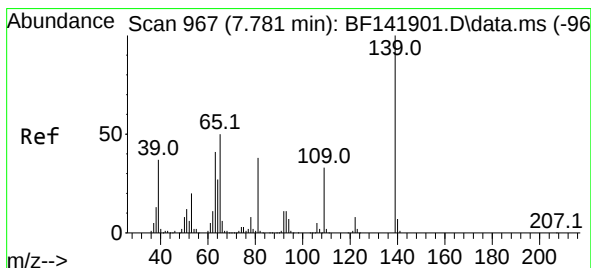
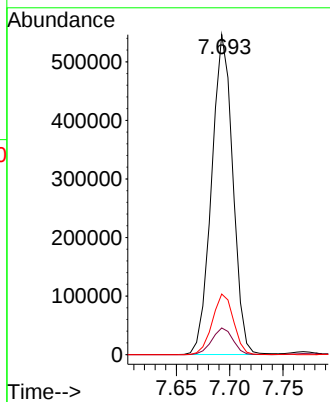
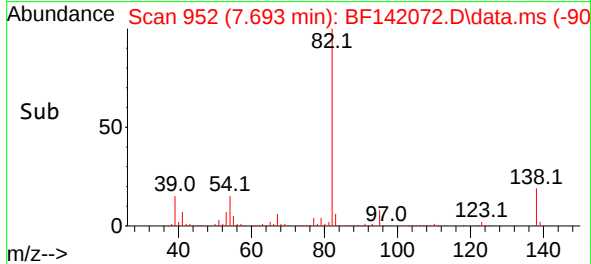
Instrument :
BNA_F
ClientSampleId :
PB167261BS



Tgt Ion: 82 Resp: 759845
Ion Ratio Lower Upper
82 100
95 8.3 6.4 9.6
138 18.9 14.9 22.3

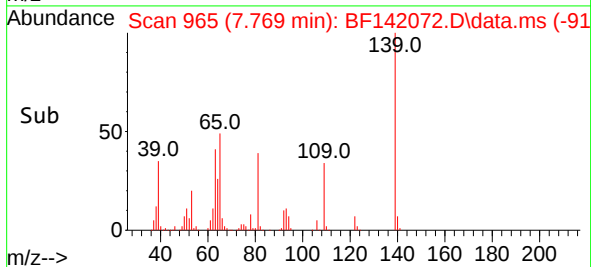
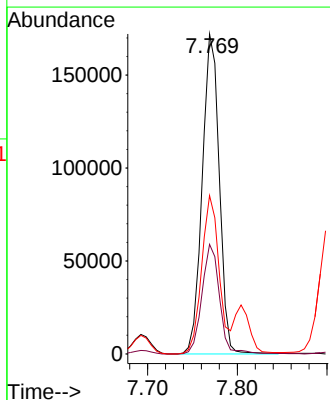
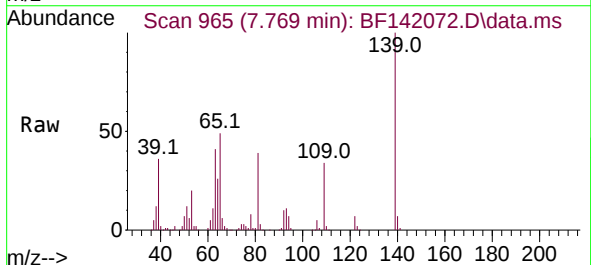
Manual Integrations
APPROVED

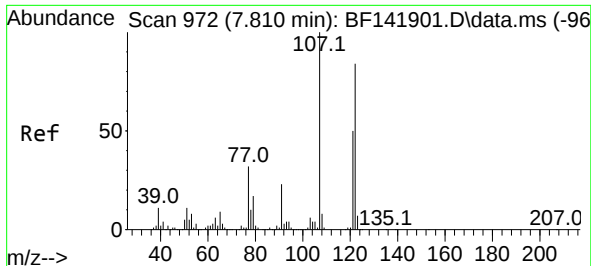
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#26
2-Nitrophenol
Concen: 47.982 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.012 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

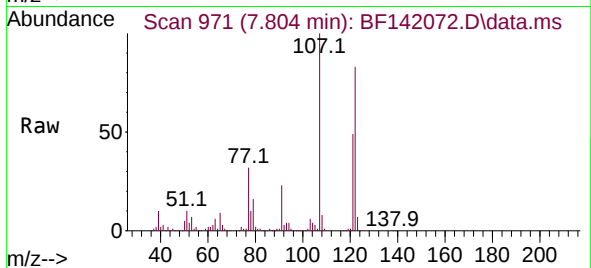
Tgt Ion:139 Resp: 227689
Ion Ratio Lower Upper
139 100
109 34.2 26.5 39.7
65 49.5 40.3 60.5





#27
2,4-Dimethylphenol
Concen: 54.684 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

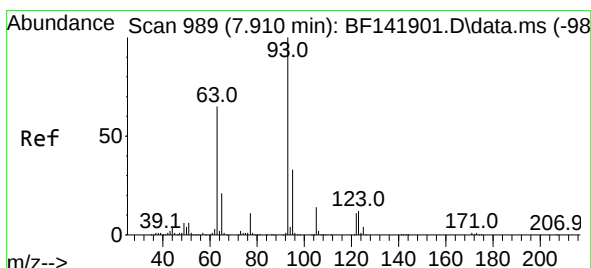
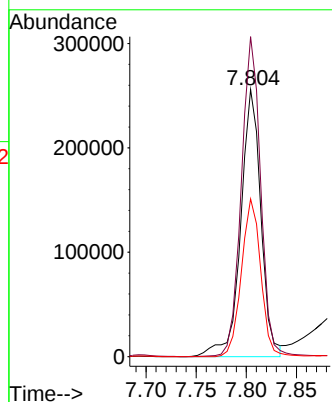
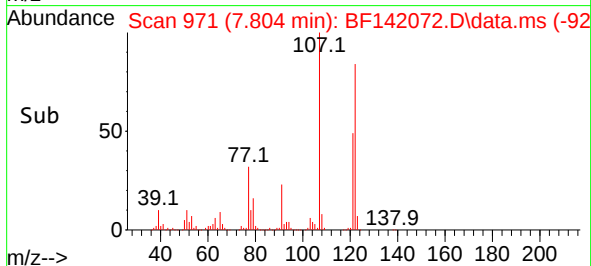
Instrument :
BNA_F
ClientSampleId :
PB167261BS



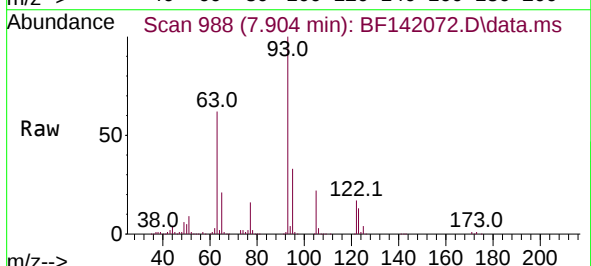
Tgt Ion:122 Resp: 357310
Ion Ratio Lower Upper
122 100
107 119.8 94.8 142.2
121 59.0 47.8 71.6

Manual Integrations
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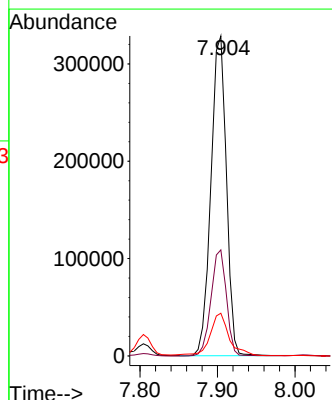
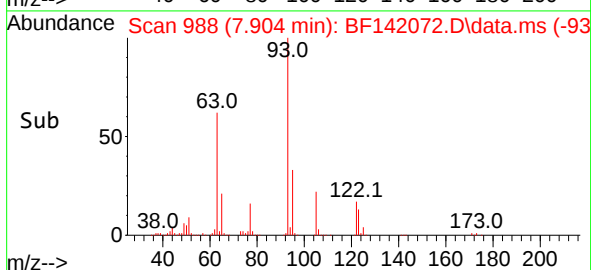
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

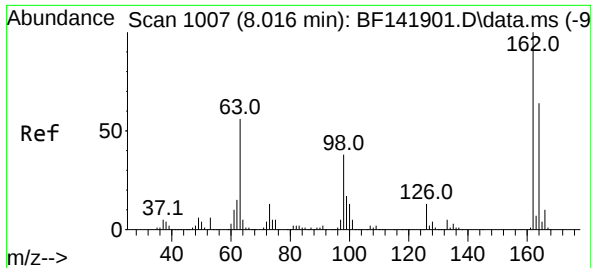


#28
bis(2-Chloroethoxy)methane
Concen: 42.209 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08



Tgt Ion: 93 Resp: 455125
Ion Ratio Lower Upper
93 100
95 33.1 26.6 40.0
123 13.3 10.2 15.4





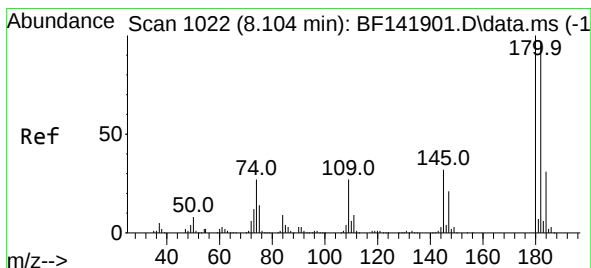
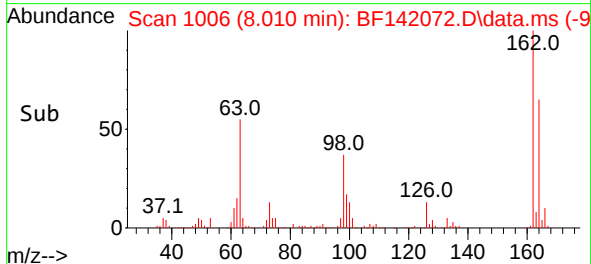
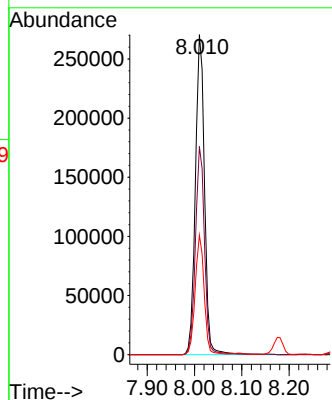
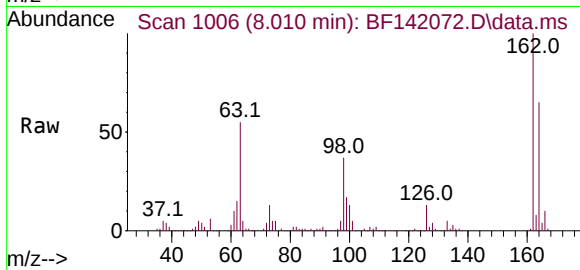
#29
2,4-Dichlorophenol
Concen: 44.741 ng
RT: 8.010 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

Instrument :
BNA_F
ClientSampleId :
PB167261BS

Tgt Ion:162 Resp: 362860
Ion Ratio Lower Upper
162 100
164 65.0 43.8 83.8
98 37.3 18.1 58.1

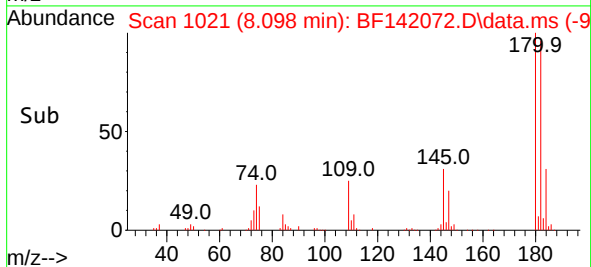
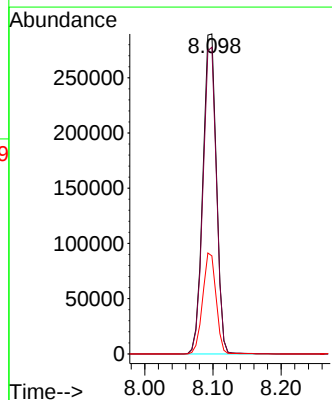
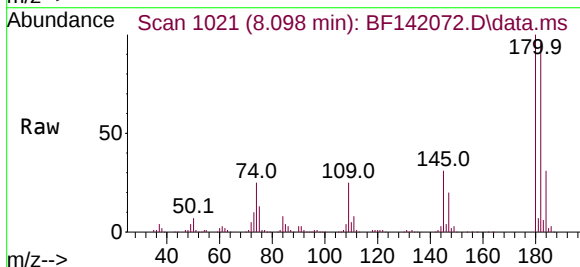
Manual Integrations
APPROVED

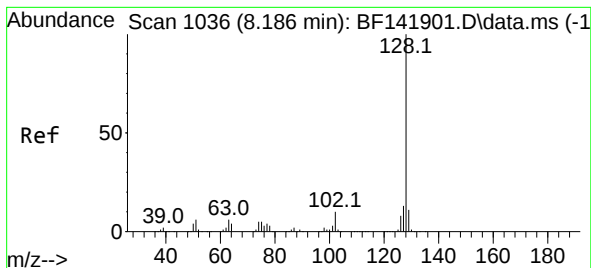
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#30
1,2,4-Trichlorobenzene
Concen: 44.712 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

Tgt Ion:180 Resp: 399631
Ion Ratio Lower Upper
180 100
182 95.8 77.5 116.3
145 30.6 25.8 38.6





#31

Naphthalene

Concen: 43.193 ng

RT: 8.181 min Scan# 1035

Delta R.T. -0.006 min

Lab File: BF142072.D

Acq: 25 Mar 2025 12:08

Instrument :

BNA_F

ClientSampleId :

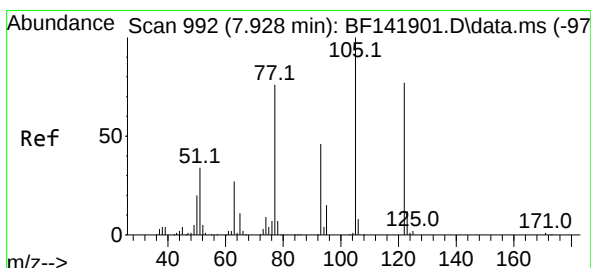
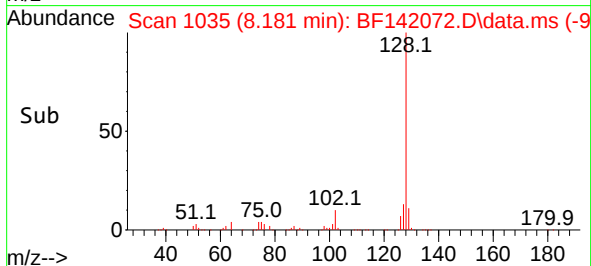
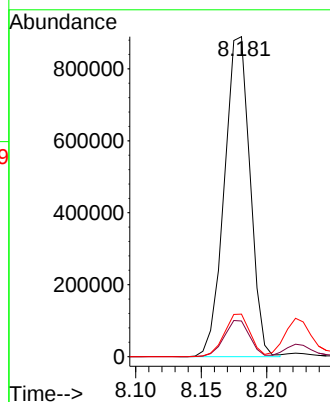
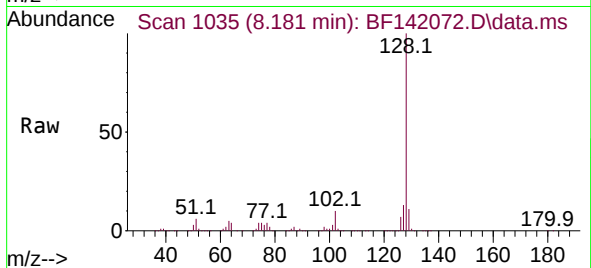
PB167261BS

Tgt Ion:128 Resp: 1214356
 Ion Ratio Lower Upper
 128 100
 129 11.1 9.0 13.6
 127 13.3 10.8 16.2

Manual Integrations

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Reviewed By :Anahy Claudio 03/26/2025
 Supervised By :Jagrut Upadhyay 03/26/2025



#32

Benzoic acid

Concen: 50.965 ng m

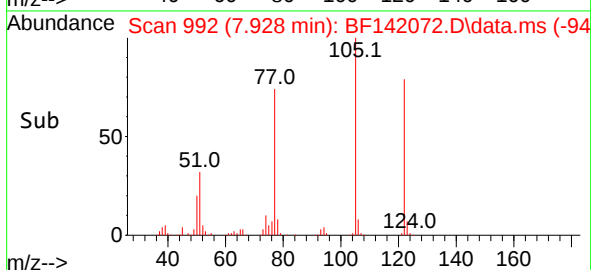
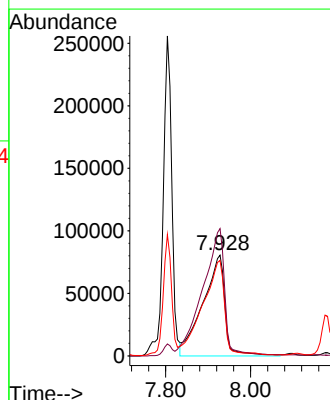
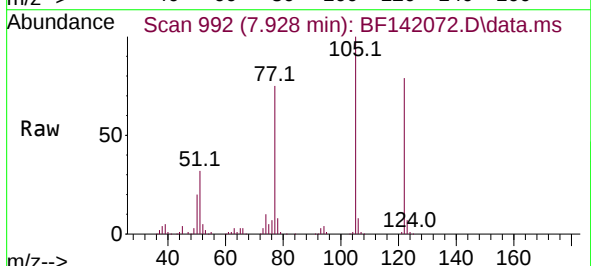
RT: 7.928 min Scan# 992

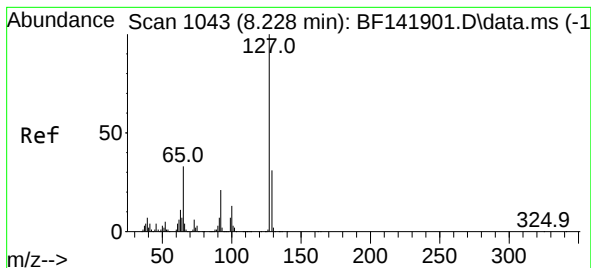
Delta R.T. -0.000 min

Lab File: BF142072.D

Acq: 25 Mar 2025 12:08

Tgt Ion:122 Resp: 292726
 Ion Ratio Lower Upper
 122 100
 105 126.3 107.9 147.9
 77 94.8 79.0 119.0





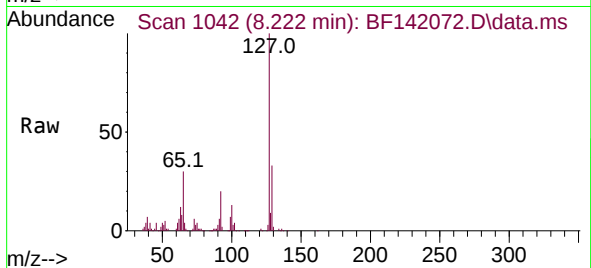
#33
4-Chloroaniline
Concen: 16.578 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

Instrument :

BNA_F

ClientSampleId :

PB167261BS

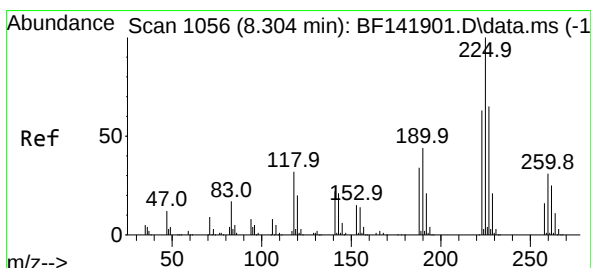
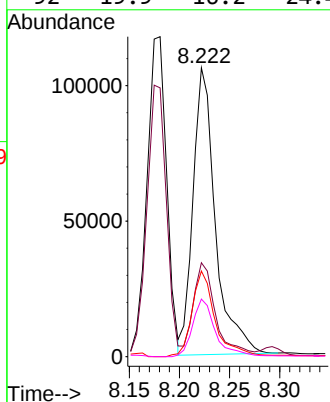
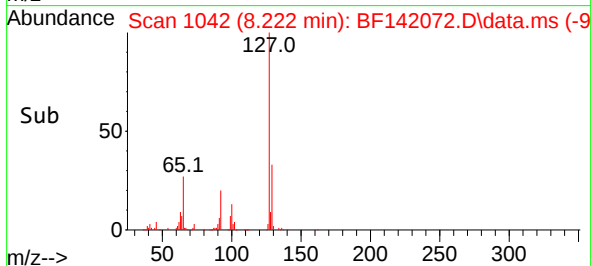


Tgt Ion:127 Resp: 164538
Ion Ratio Lower Upper
127 100
129 32.5 26.2 39.4
65 29.6 25.4 38.2
92 19.9 16.2 24.4

Manual Integrations

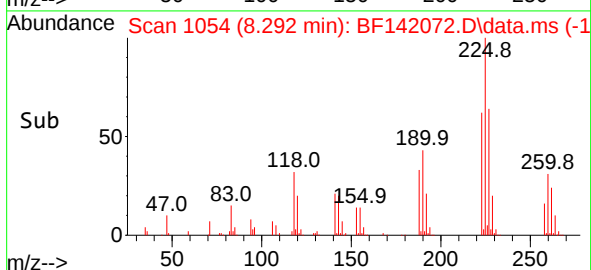
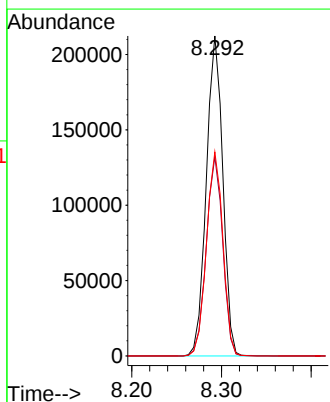
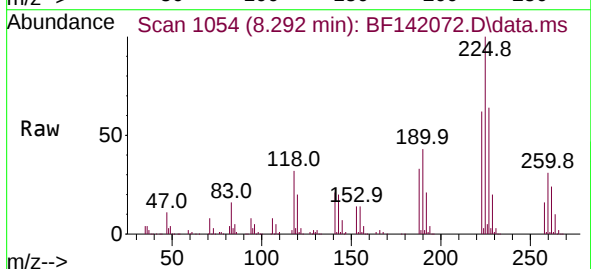
APPROVED

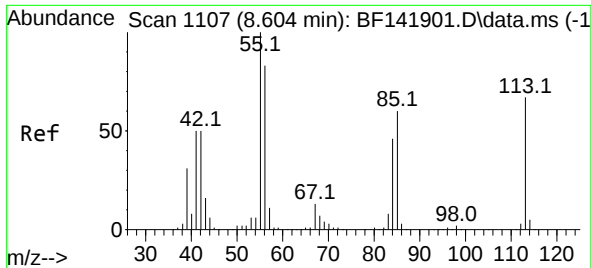
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#34
Hexachlorobutadiene
Concen: 46.401 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.012 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

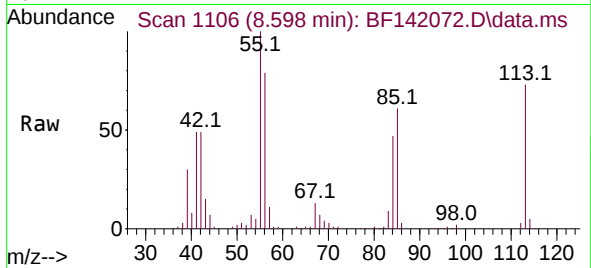
Tgt Ion:225 Resp: 270461
Ion Ratio Lower Upper
225 100
223 62.2 50.6 75.8
227 63.7 52.2 78.2





#35
Caprolactam
Concen: 51.377 ng m
RT: 8.598 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

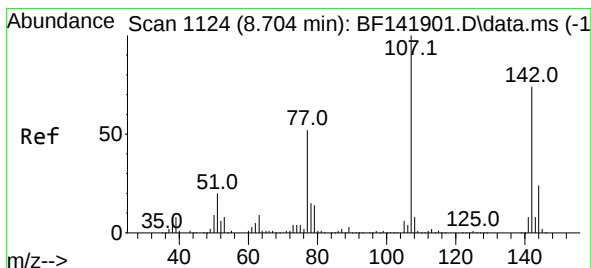
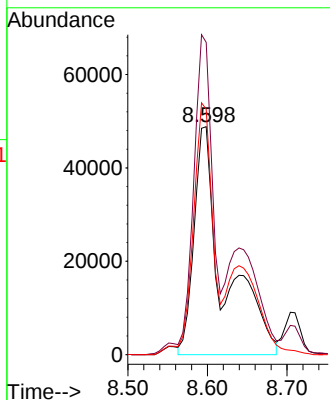
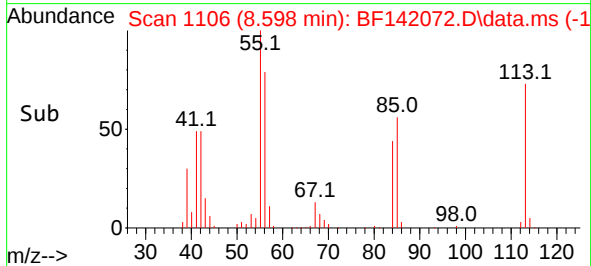
Instrument :
BNA_F
ClientSampleId :
PB167261BS



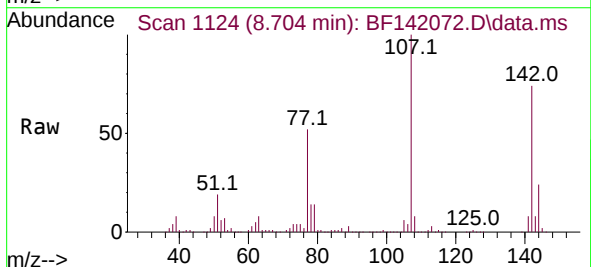
Tgt Ion:113 Resp: 12703
Ion Ratio Lower Upper
113 100
55 137.0 129.6 169.6
56 107.7 104.0 144.0

Manual Integrations
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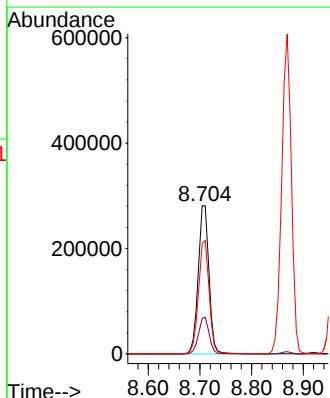
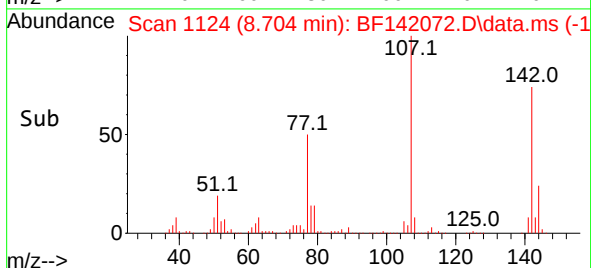
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

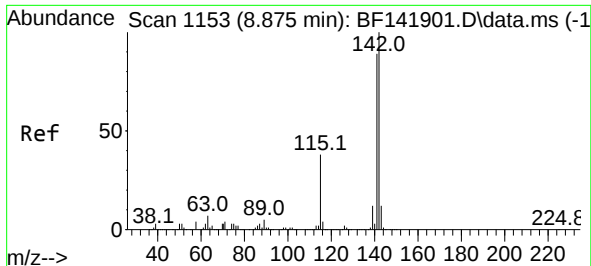


#36
4-Chloro-3-methylphenol
Concen: 45.154 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08



Tgt Ion:107 Resp: 408510
Ion Ratio Lower Upper
107 100
144 24.0 19.0 28.6
142 74.2 59.2 88.8





#37

2-Methylnaphthalene

Concen: 42.028 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF142072.D

Acq: 25 Mar 2025 12:08

Instrument :

BNA_F

ClientSampleId :

PB167261BS

Tgt Ion:142 Resp: 789798

Ion Ratio Lower Upper

142 100

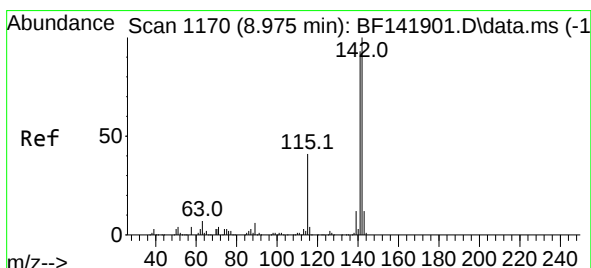
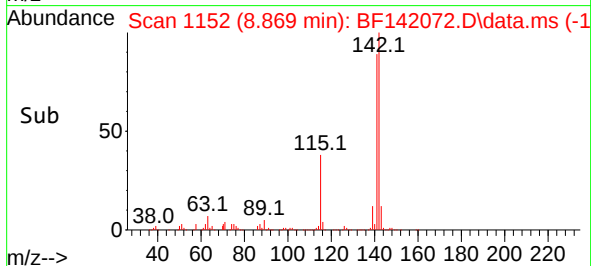
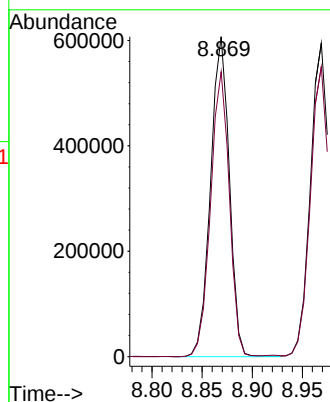
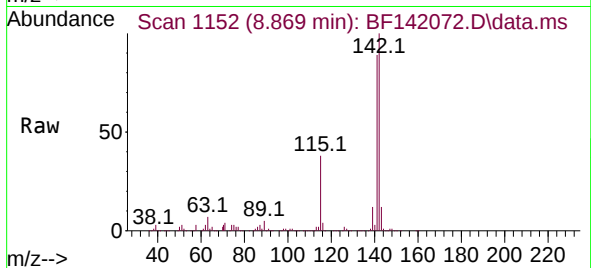
141 89.0 71.2 106.8

Manual Integrations

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Reviewed By :Anahy Claudio 03/26/2025

Supervised By :Jagrut Upadhyay 03/26/2025



#38

1-Methylnaphthalene

Concen: 42.389 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF142072.D

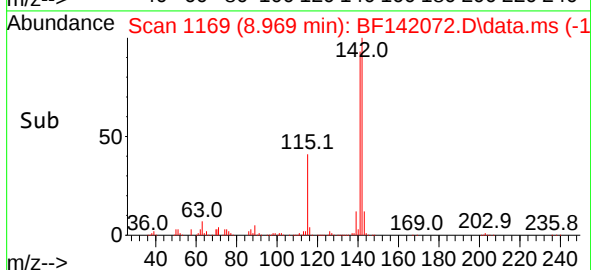
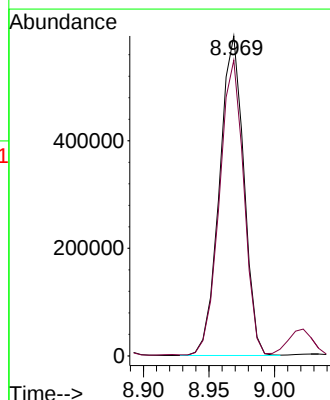
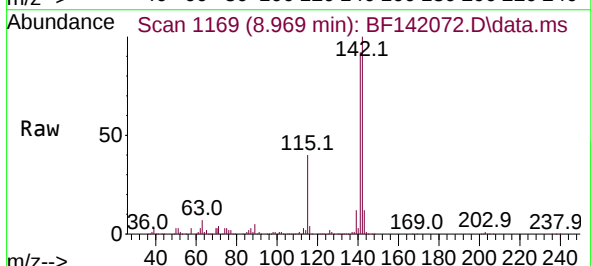
Acq: 25 Mar 2025 12:08

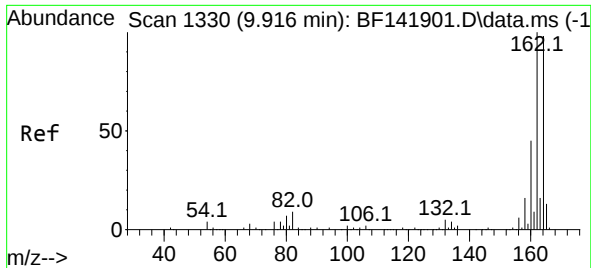
Tgt Ion:142 Resp: 768704

Ion Ratio Lower Upper

142 100

141 92.4 74.2 111.4





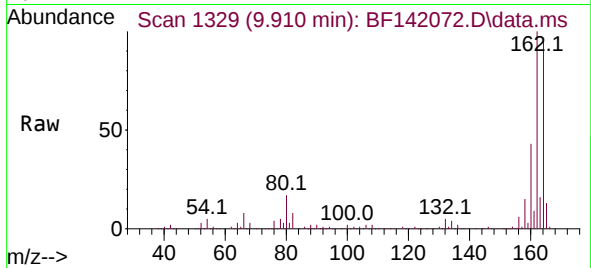
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

Instrument :

BNA_F

ClientSampleId :

PB167261BS

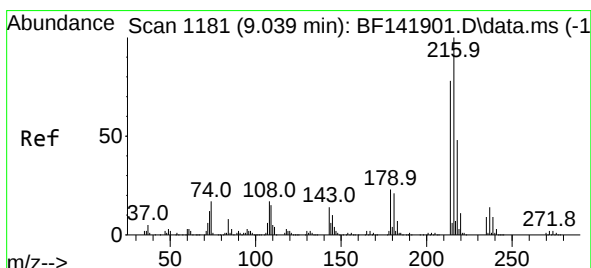
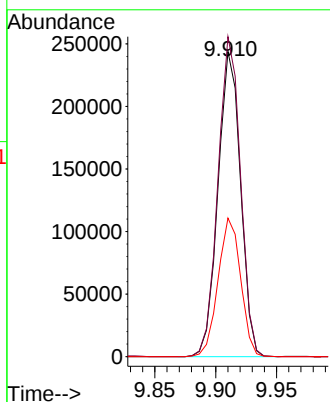
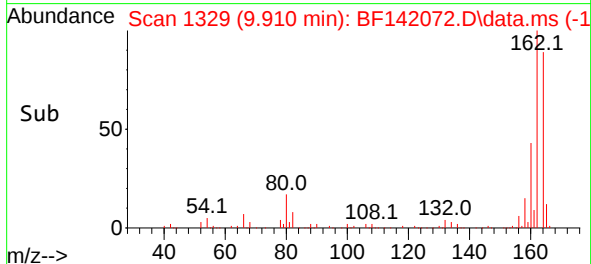


Tgt Ion:164 Resp: 312564
Ion Ratio Lower Upper
164 100
162 104.9 81.8 122.6
160 45.4 36.7 55.1

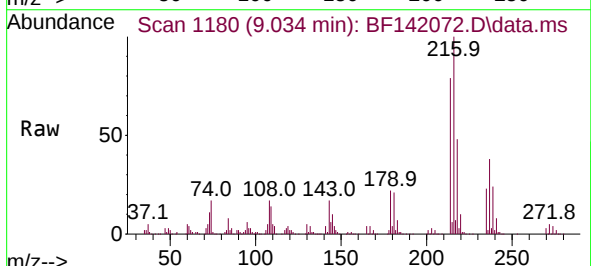
Manual Integrations

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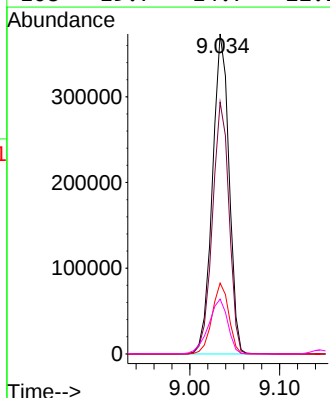
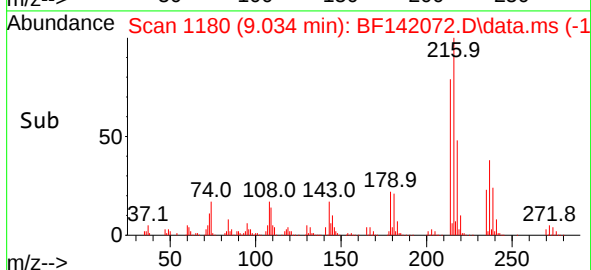
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

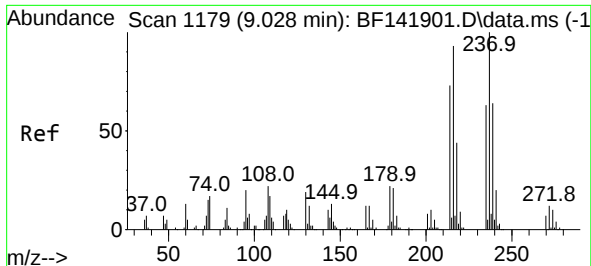


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.525 ng
RT: 9.034 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08



Tgt Ion:216 Resp: 480813
Ion Ratio Lower Upper
216 100
214 78.5 61.9 92.9
179 22.1 18.1 27.1
108 19.7 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 152.276 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

Instrument :

BNA_F

ClientSampleId :

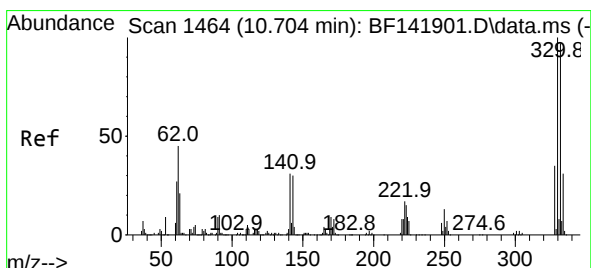
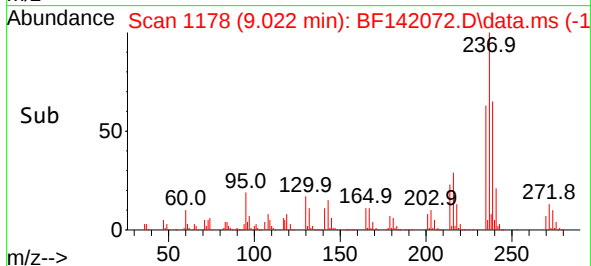
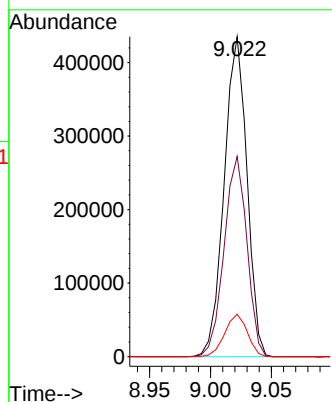
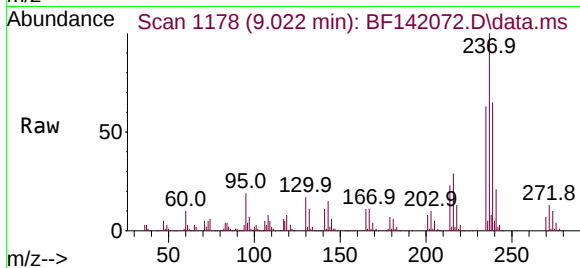
PB167261BS

Tgt Ion:237 Resp: 567120
Ion Ratio Lower Upper
237 100
235 62.5 43.1 83.1
272 13.2 0.0 32.0

Manual Integrations

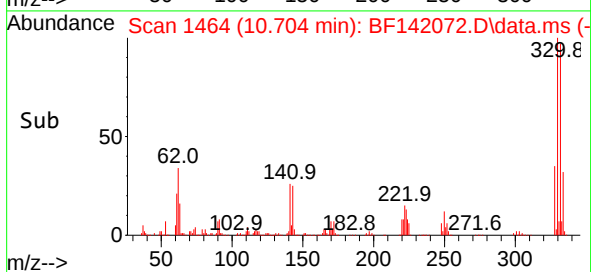
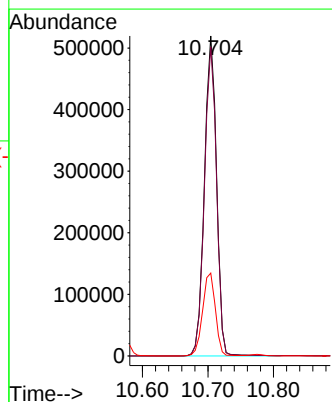
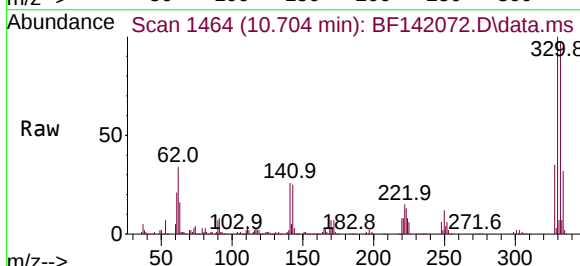
APPROVED

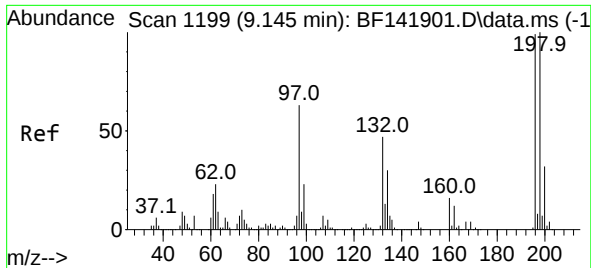
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#42
2,4,6-Tribromophenol
Concen: 167.200 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

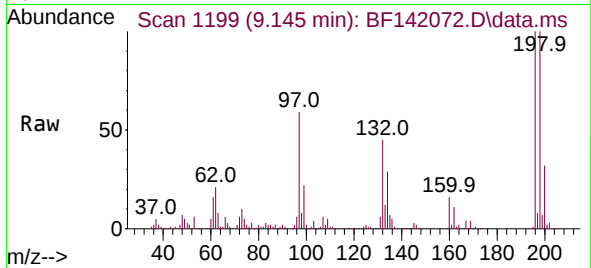
Tgt Ion:330 Resp: 662996
Ion Ratio Lower Upper
330 100
332 96.9 77.6 116.4
141 27.3 24.7 37.1





#43
2,4,6-Trichlorophenol
Concen: 47.091 ng
RT: 9.145 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

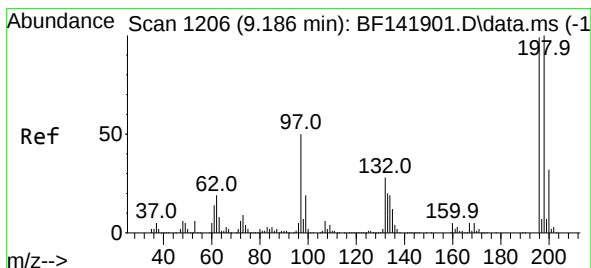
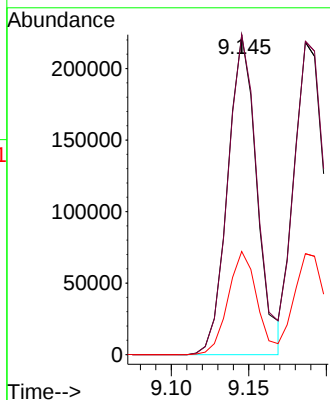
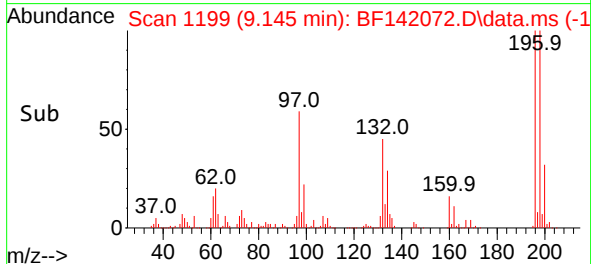
Instrument :
BNA_F
ClientSampleId :
PB167261BS



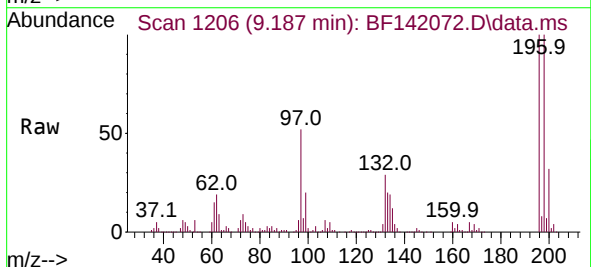
Tgt Ion:196 Resp: 292875
Ion Ratio Lower Upper
196 100
198 100.1 80.6 121.0
200 32.3 25.8 38.6

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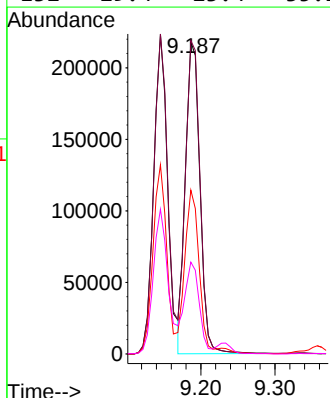
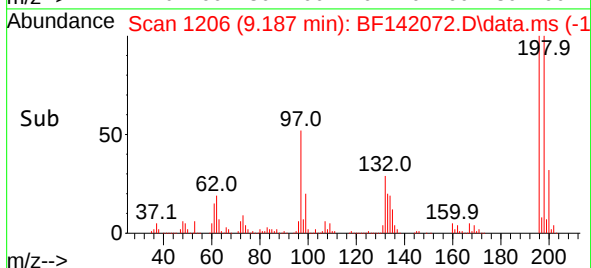
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

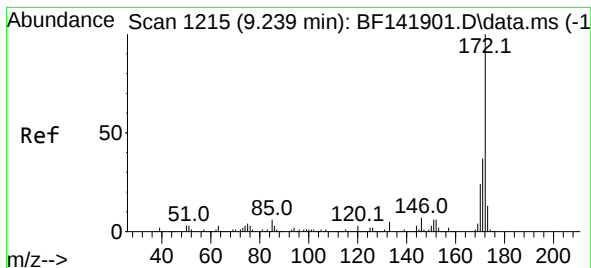


#44
2,4,5-Trichlorophenol
Concen: 47.366 ng
RT: 9.187 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08



Tgt Ion:196 Resp: 298357
Ion Ratio Lower Upper
196 100
198 100.3 80.7 121.1
97 52.4 42.1 63.1
132 29.4 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 95.211 ng

RT: 9.234 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF142072.D

Acq: 25 Mar 2025 12:08

Instrument :

BNA_F

ClientSampleId :

PB167261BS

Tgt Ion:172 Resp: 195681

Ion Ratio Lower Upper

172 100

171 36.1 29.3 43.9

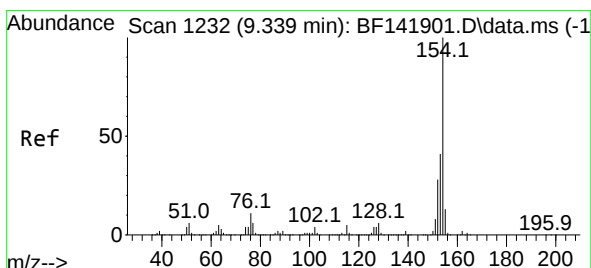
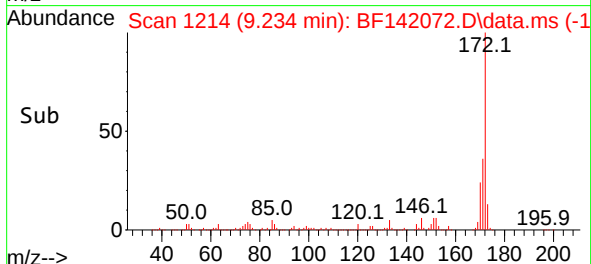
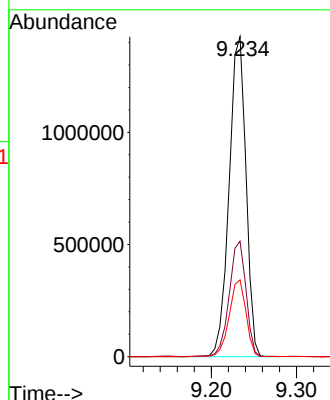
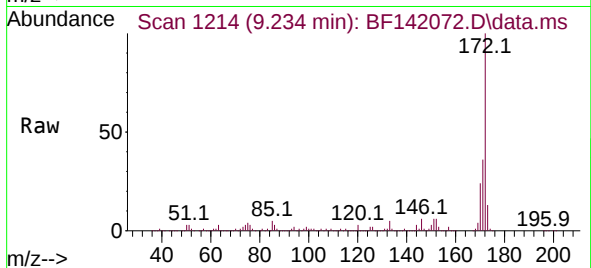
170 24.0 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/26/2025

Supervised By :Jagrut Upadhyay 03/26/2025



#46

1,1'-Biphenyl

Concen: 49.279 ng

RT: 9.334 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF142072.D

Acq: 25 Mar 2025 12:08

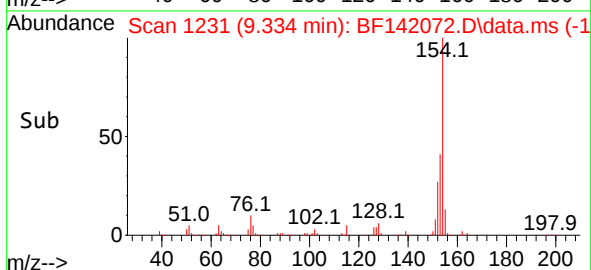
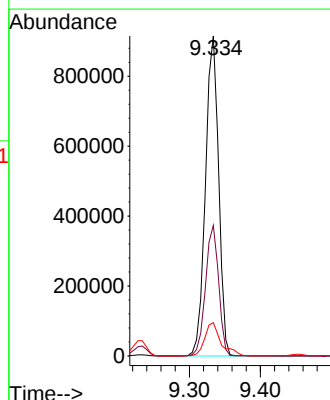
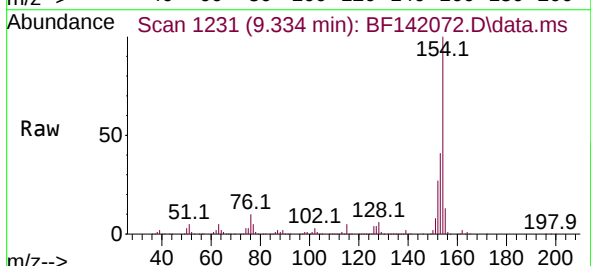
Tgt Ion:154 Resp: 1170321

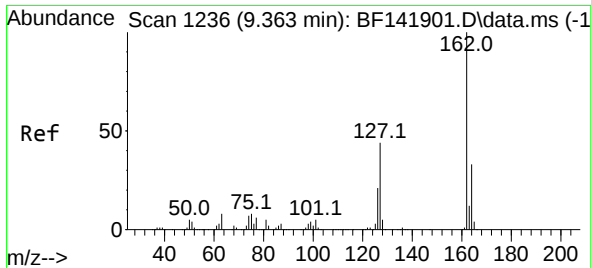
Ion Ratio Lower Upper

154 100

153 40.8 21.1 61.1

76 10.4 0.0 31.3





#47

2-Chloronaphthalene

Concen: 45.298 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF142072.D

Acq: 25 Mar 2025 12:08

Instrument :

BNA_F

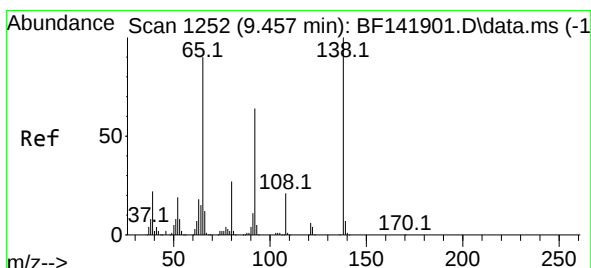
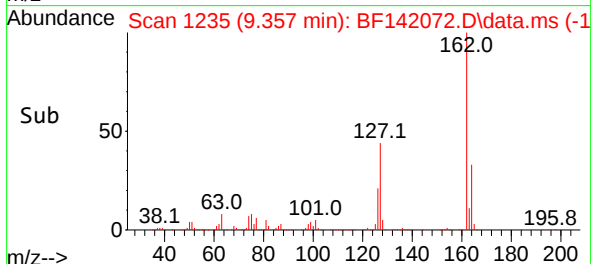
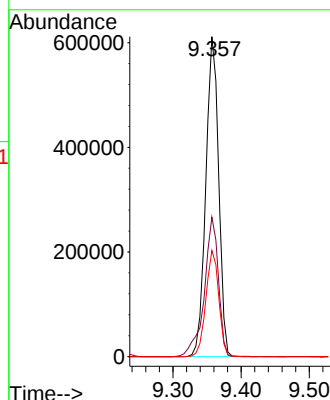
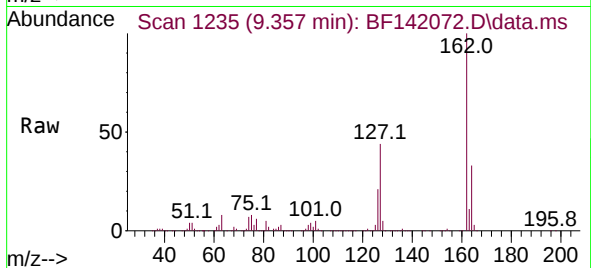
ClientSampleId :

PB167261BS

Tgt Ion:162 Resp: 801833
 Ion Ratio Lower Upper
 162 100
 127 43.6 35.5 53.3
 164 33.1 26.6 40.0

Manual Integrations
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Reviewed By :Anahy Claudio 03/26/2025
 Supervised By :Jagrut Upadhyay 03/26/2025



#48

2-Nitroaniline

Concen: 46.408 ng

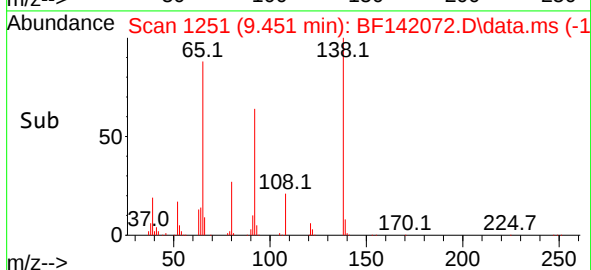
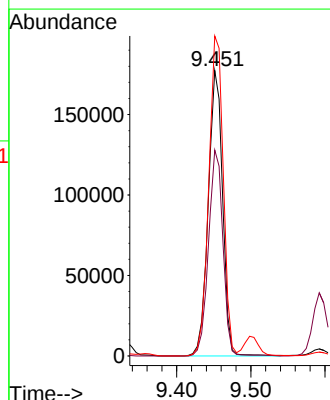
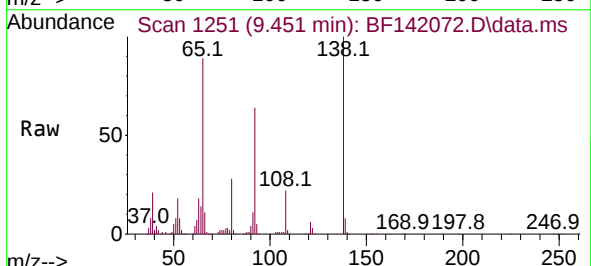
RT: 9.451 min Scan# 1251

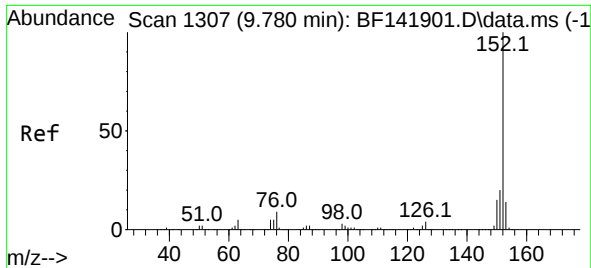
Delta R.T. -0.006 min

Lab File: BF142072.D

Acq: 25 Mar 2025 12:08

Tgt Ion: 65 Resp: 237853
 Ion Ratio Lower Upper
 65 100
 92 72.1 56.6 84.8
 138 112.1 88.6 133.0





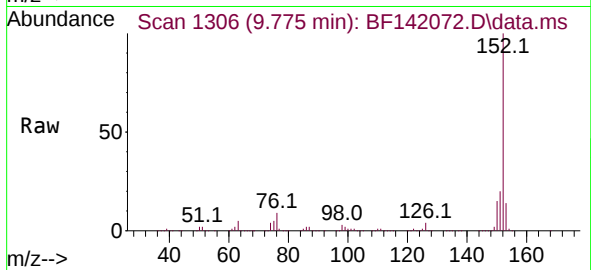
#49
Acenaphthylene
Concen: 47.955 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

Instrument :

BNA_F

ClientSampleId :

PB167261BS

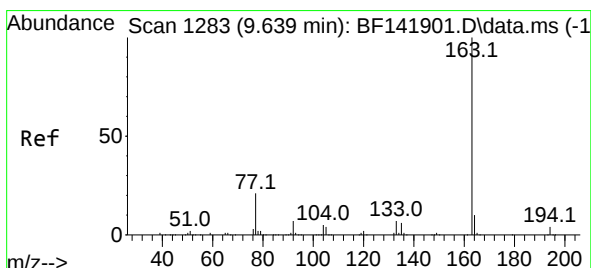
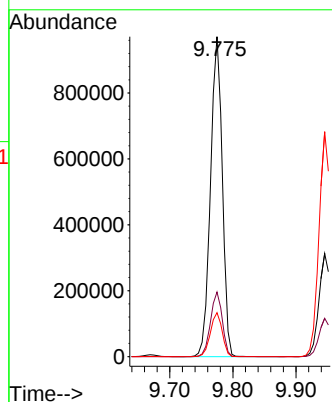
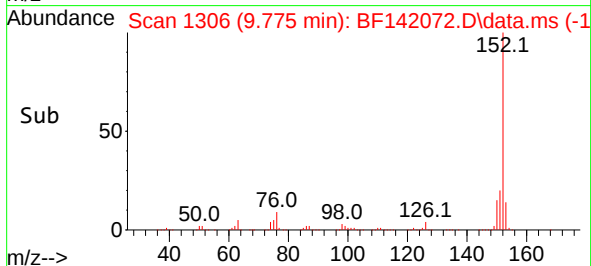


Tgt Ion:152 Resp: 125970
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 13.7 11.1 16.7

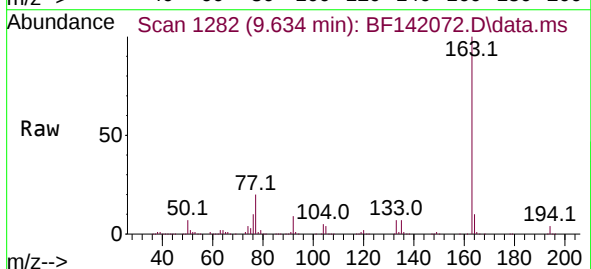
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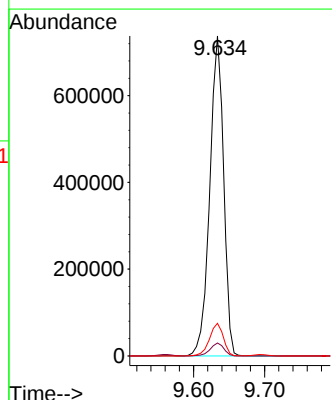
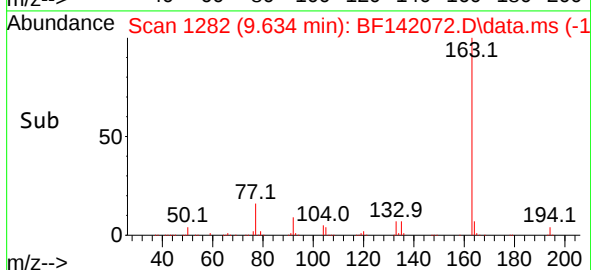
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

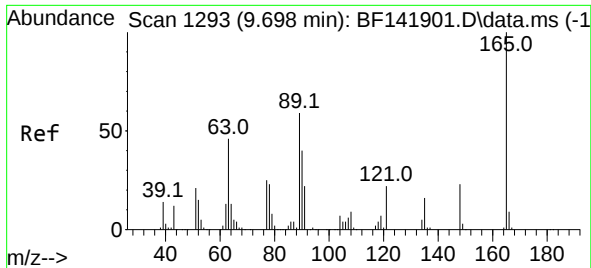


#50
Dimethylphthalate
Concen: 45.525 ng
RT: 9.634 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08



Tgt Ion:163 Resp: 996445
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.2 8.2 12.4





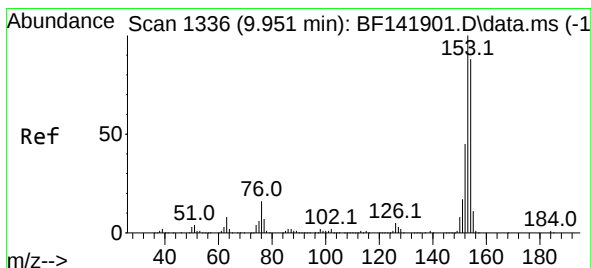
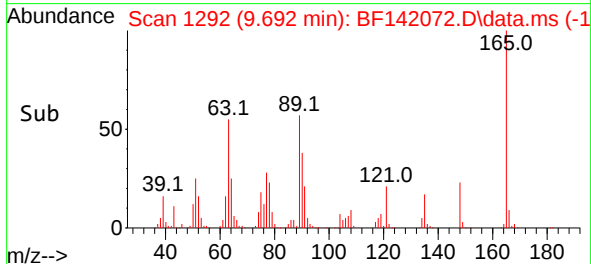
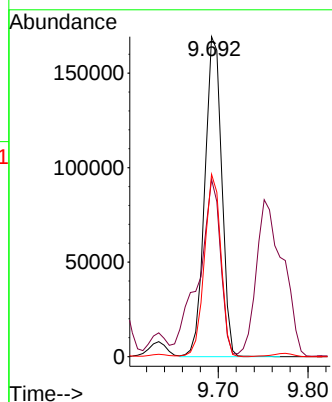
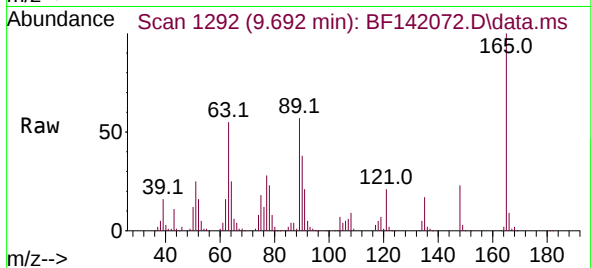
#51
2,6-Dinitrotoluene
Concen: 48.556 ng
RT: 9.692 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

Instrument :
BNA_F
ClientSampleId :
PB167261BS

Tgt Ion:165 Resp: 221284
Ion Ratio Lower Upper
165 100
63 55.4 47.0 70.4
89 57.0 47.4 71.2

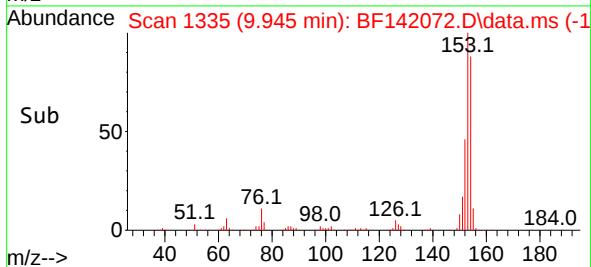
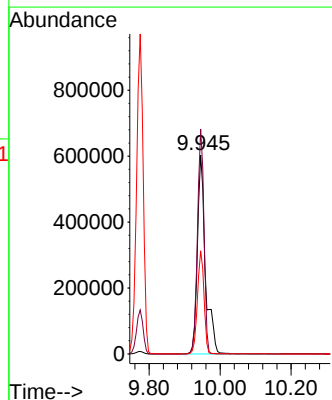
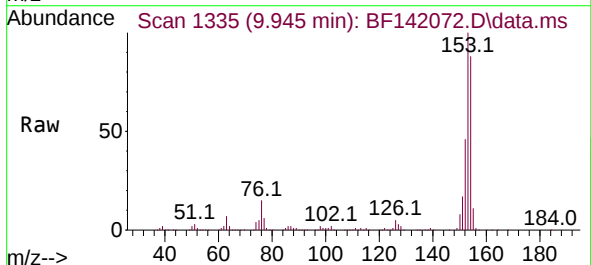
Manual Integrations
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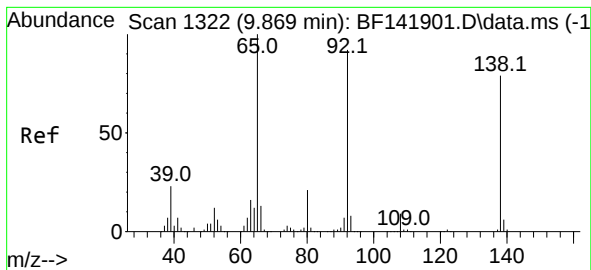
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#52
Acenaphthene
Concen: 51.667 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

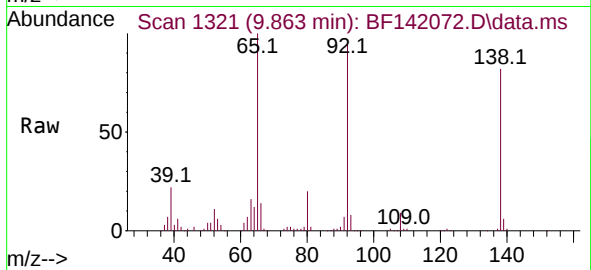
Tgt Ion:154 Resp: 953765
Ion Ratio Lower Upper
154 100
153 113.2 90.7 136.1
152 51.9 41.1 61.7





#53
3-Nitroaniline
Concen: 27.249 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

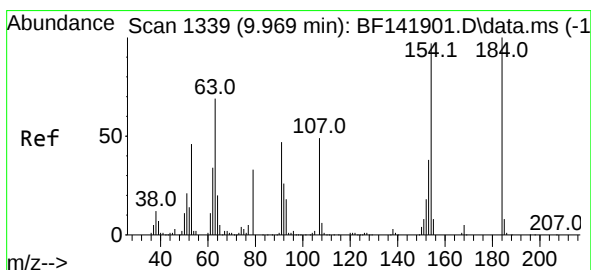
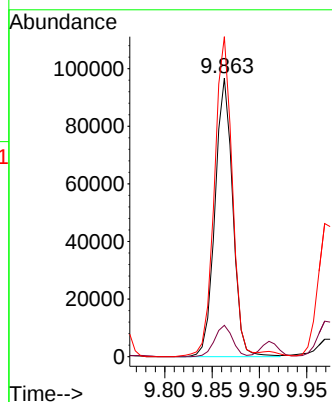
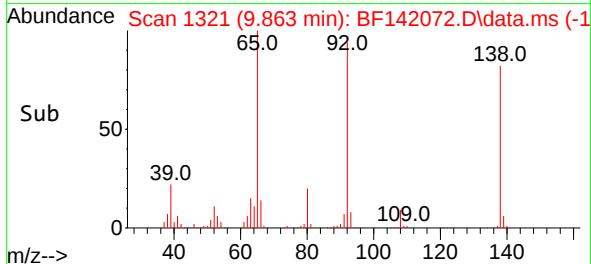
Instrument :
BNA_F
ClientSampleId :
PB167261BS



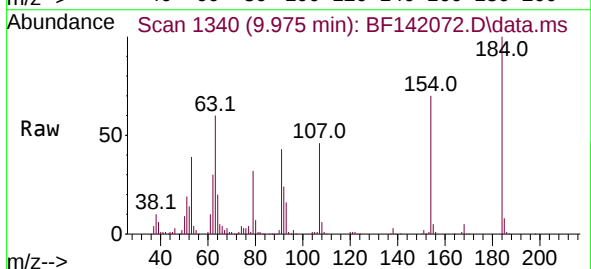
Tgt Ion:138 Resp: 125966
Ion Ratio Lower Upper
138 100
108 11.2 9.3 13.9
92 114.9 93.5 140.3

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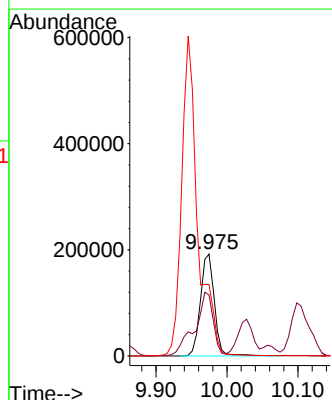
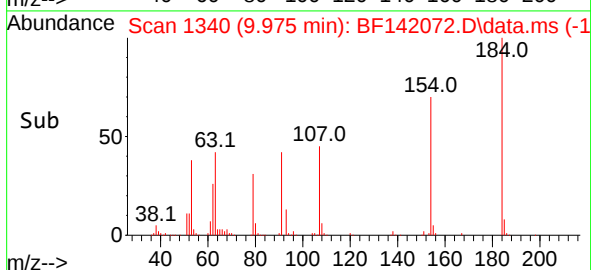
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

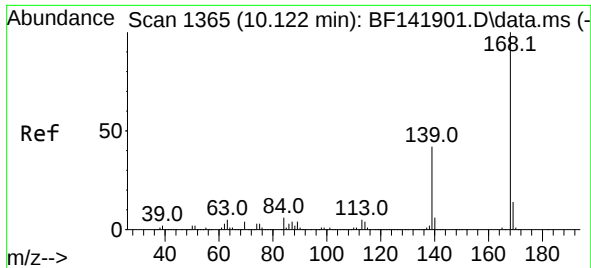


#54
2,4-Dinitrophenol
Concen: 98.687 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08



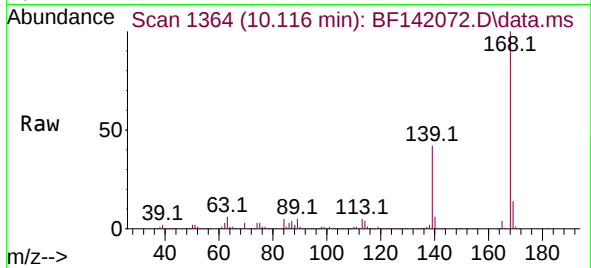
Tgt Ion:184 Resp: 259866
Ion Ratio Lower Upper
184 100
63 59.9 60.2 90.4#
154 70.2 132.9 199.3#





#55
Dibenzofuran
Concen: 44.148 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

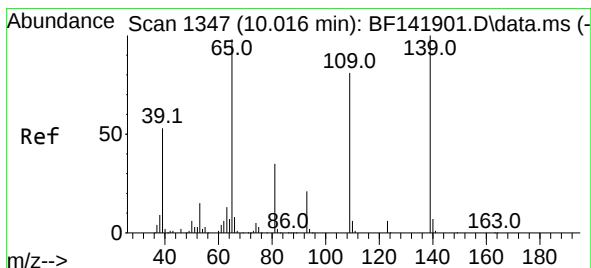
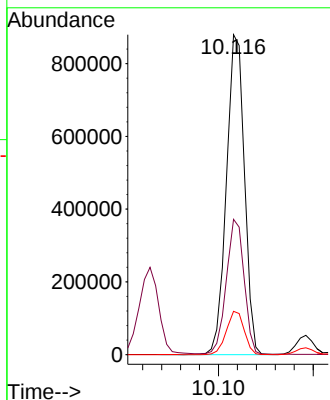
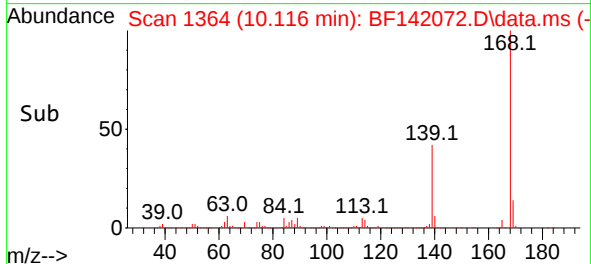
Instrument :
BNA_F
ClientSampleId :
PB167261BS



Tgt Ion:168 Resp: 1164502
Ion Ratio Lower Upper
168 100
139 42.3 33.9 50.9
169 13.6 11.0 16.4

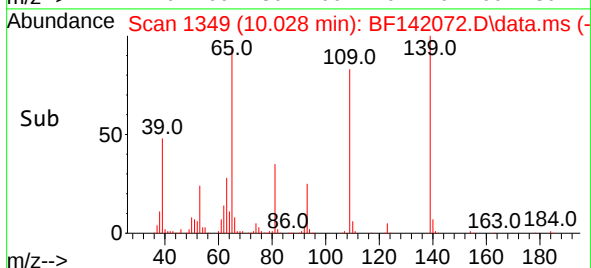
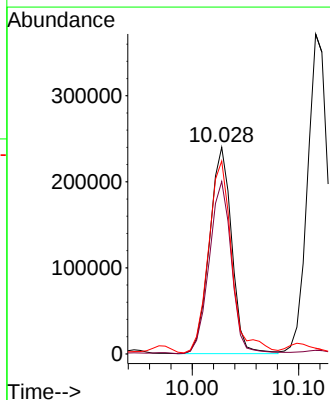
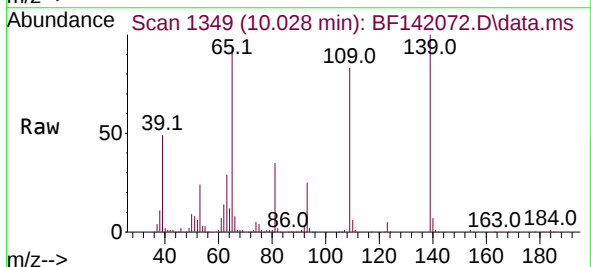
Manual Integrations
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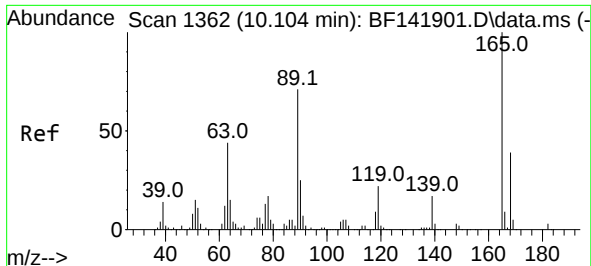
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#56
4-Nitrophenol
Concen: 99.968 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.012 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

Tgt Ion:139 Resp: 348505
Ion Ratio Lower Upper
139 100
109 83.4 61.6 101.6
65 93.4 79.4 119.4





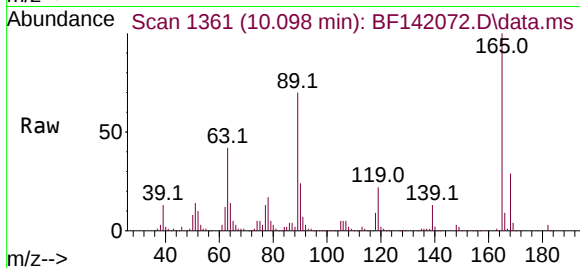
#57
2,4-Dinitrotoluene
Concen: 52.454 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

Instrument :

BNA_F

ClientSampleId :

PB167261BS

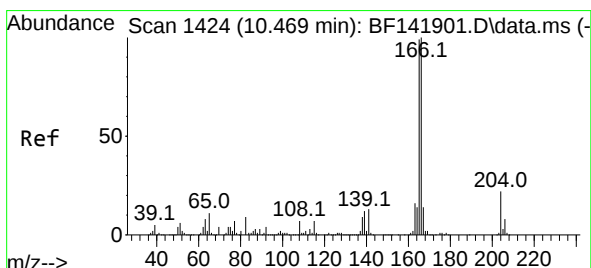
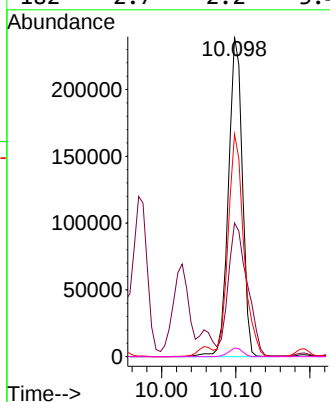
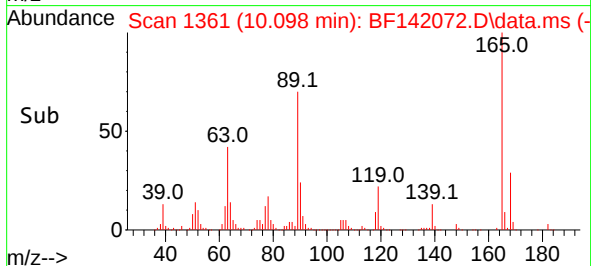


Tgt Ion:165 Resp: 312223
Ion Ratio Lower Upper
165 100
63 41.7 35.4 53.2
89 69.6 56.6 84.8
182 2.7 2.2 3.4

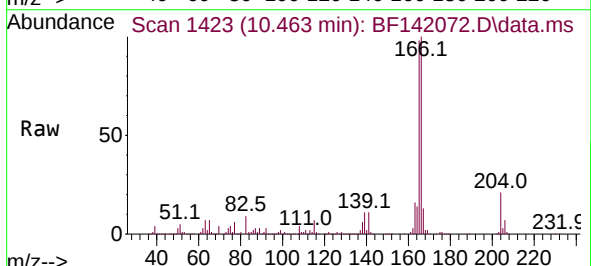
Manual Integrations

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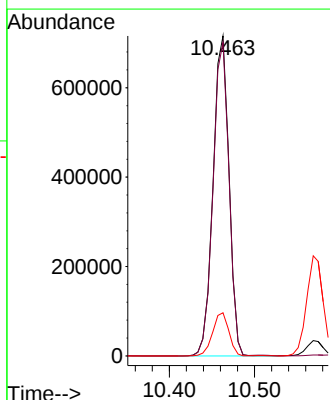
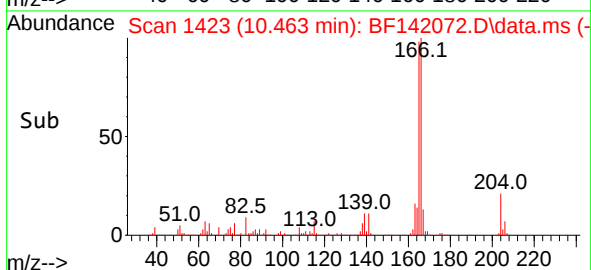
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

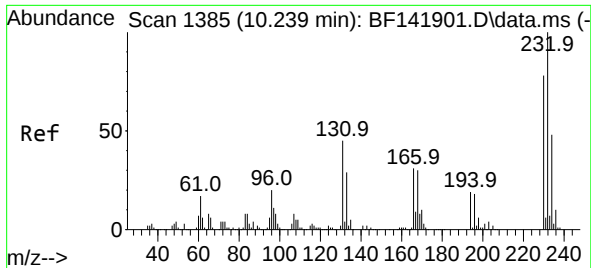


#58
Fluorene
Concen: 45.746 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08



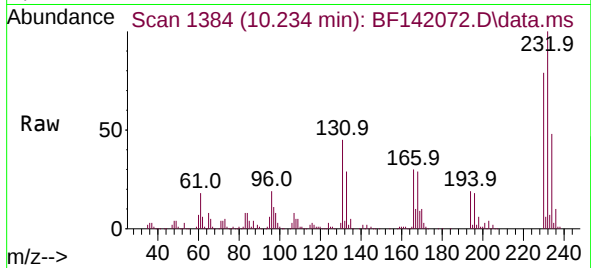
Tgt Ion:166 Resp: 930525
Ion Ratio Lower Upper
166 100
165 97.9 79.0 118.4
167 13.5 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.324 ng
RT: 10.234 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

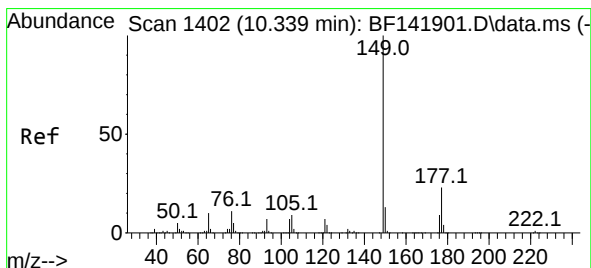
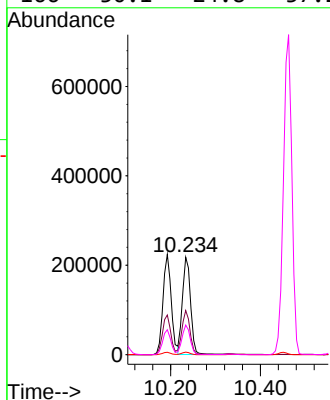
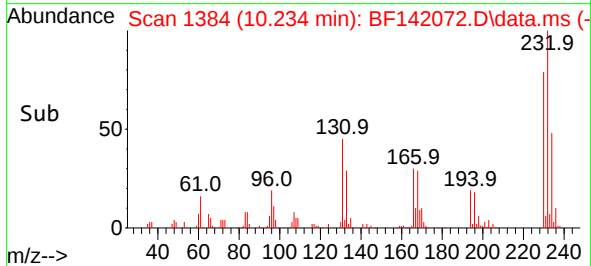
Instrument :
BNA_F
ClientSampleId :
PB167261BS



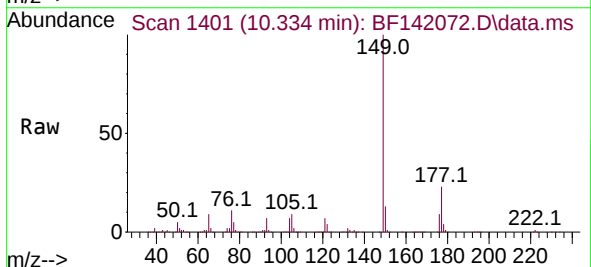
Tgt Ion:232 Resp: 276983
Ion Ratio Lower Upper
232 100
131 45.0 37.3 55.9
130 2.5 1.9 2.9
166 30.1 24.8 37.2

Manual Integrations
APPROVED

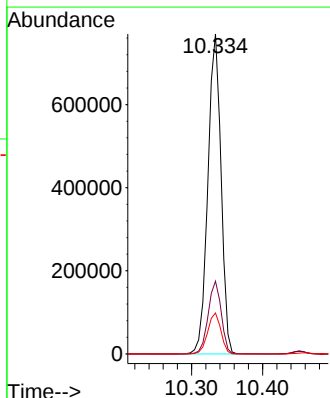
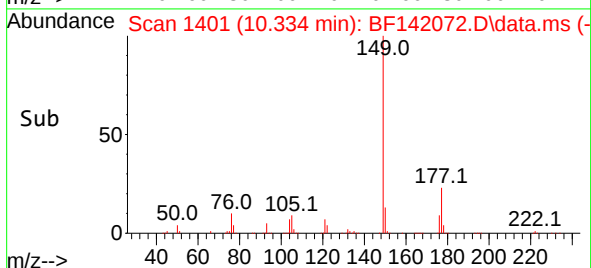
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

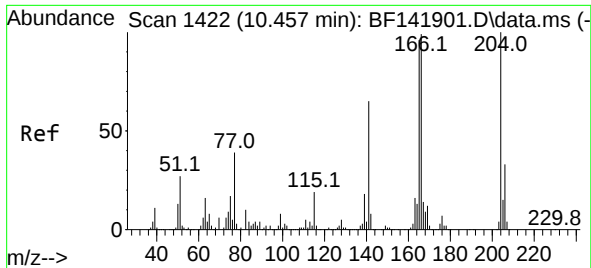


#60
Diethylphthalate
Concen: 45.101 ng
RT: 10.334 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08



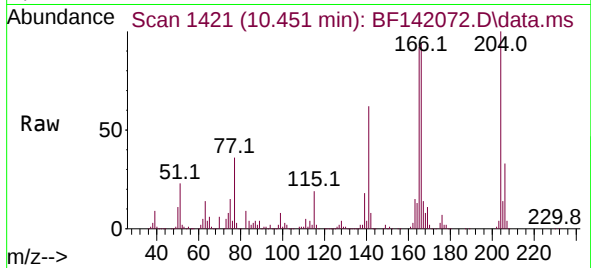
Tgt Ion:149 Resp: 984327
Ion Ratio Lower Upper
149 100
177 22.7 18.0 27.0
150 12.8 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 46.071 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

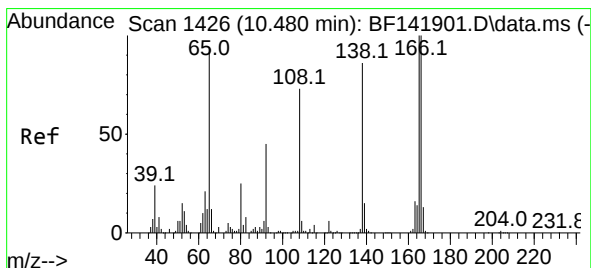
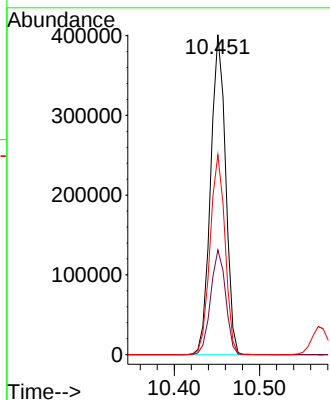
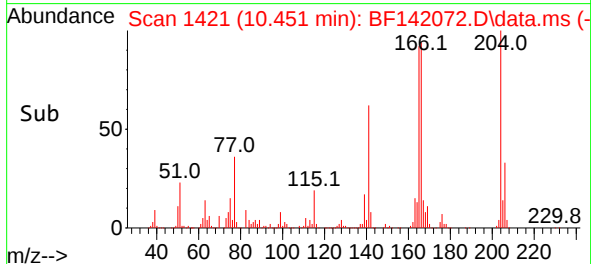
Instrument :
BNA_F
ClientSampleId :
PB167261BS



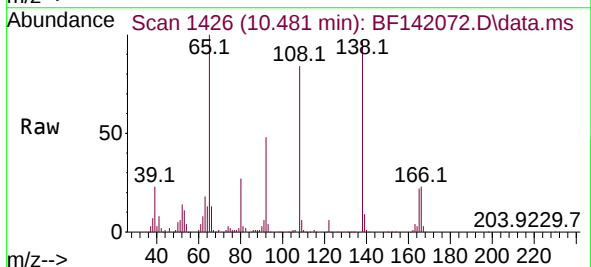
Tgt Ion:204 Resp: 48858
Ion Ratio Lower Upper
204 100
206 32.7 26.8 40.2
141 62.5 52.4 78.6

Manual Integrations
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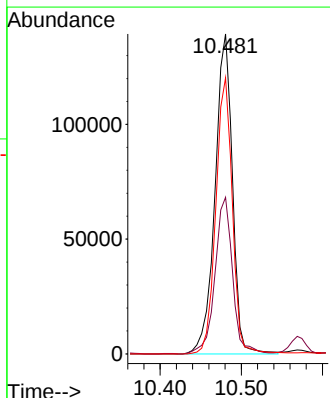
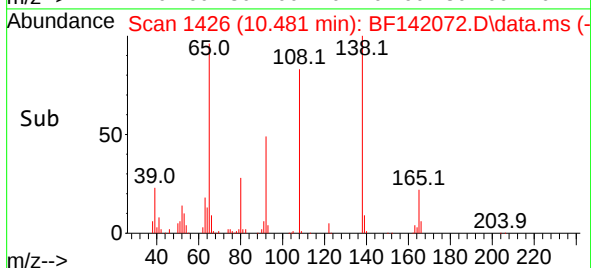
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

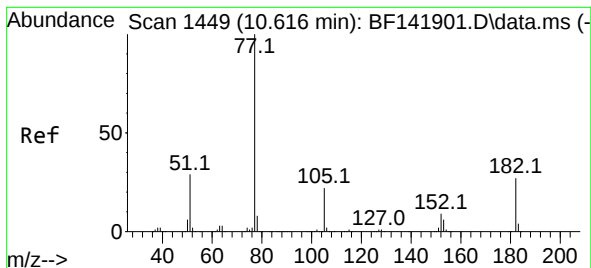


#62
4-Nitroaniline
Concen: 46.055 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08



Tgt Ion:138 Resp: 207275
Ion Ratio Lower Upper
138 100
92 48.9 32.6 72.6
108 86.3 65.0 105.0





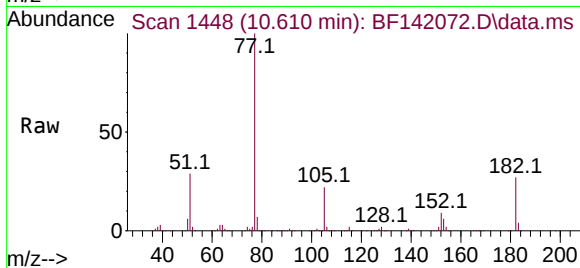
#63
Azobenzene
Concen: 42.825 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

Instrument :

BNA_F

ClientSampleId :

PB167261BS

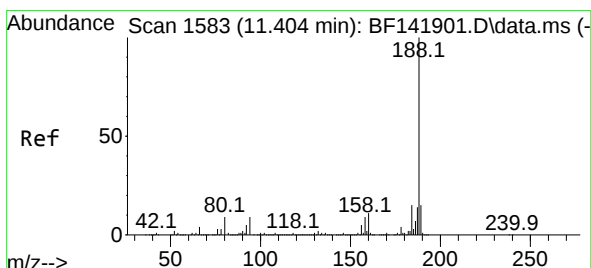
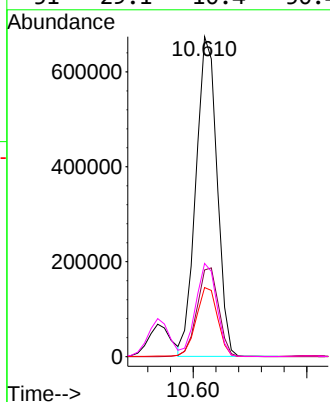
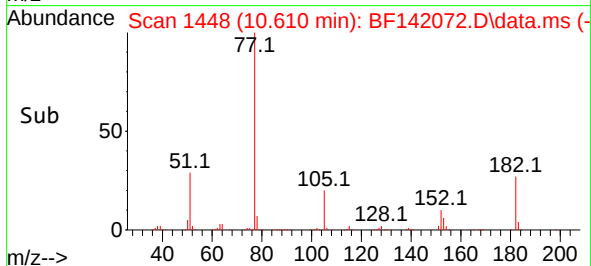


Tgt Ion: 77 Resp: 868963
Ion Ratio Lower Upper
77 100
182 27.1 6.6 46.6
105 21.6 1.3 41.3
51 29.1 10.4 50.4

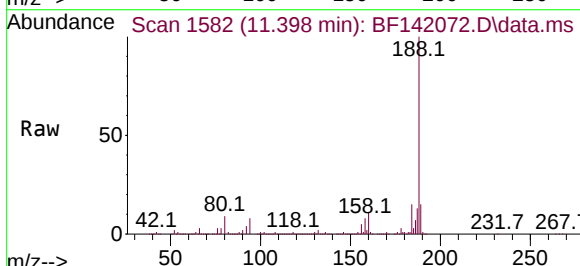
Manual Integrations

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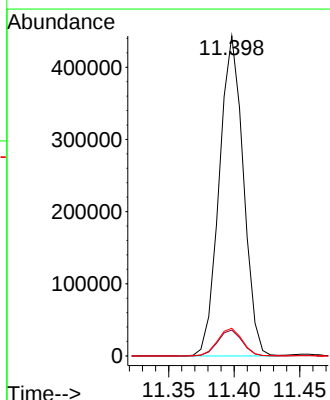
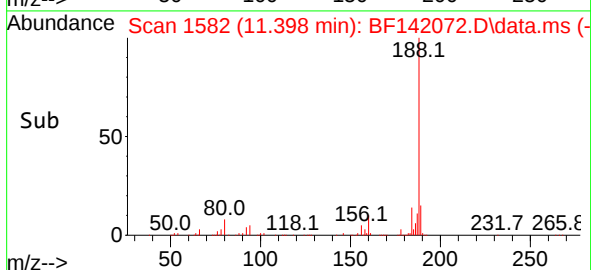
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

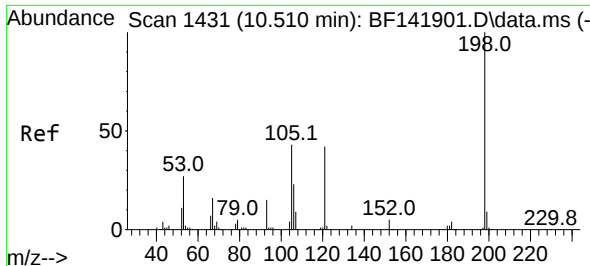


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08



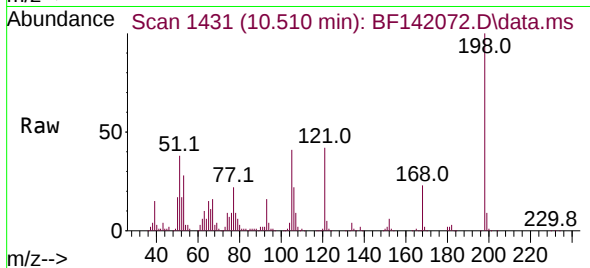
Tgt Ion:188 Resp: 569268
Ion Ratio Lower Upper
188 100
94 8.1 6.8 10.2
80 8.7 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 51.929 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

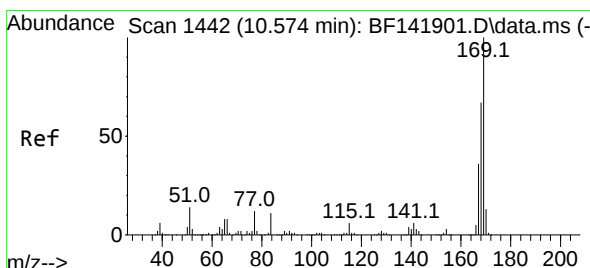
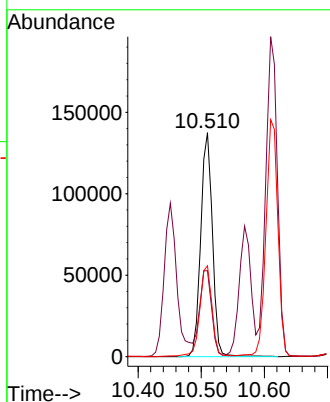
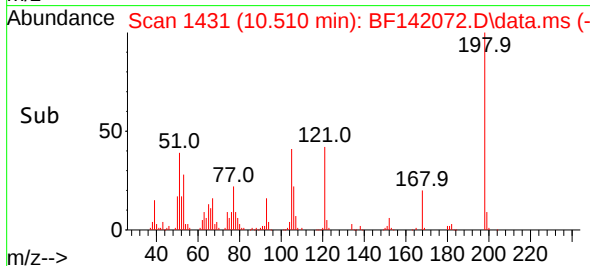
Instrument :
BNA_F
ClientSampleId :
PB167261BS



Tgt Ion:198 Resp: 176228
Ion Ratio Lower Upper
198 100
51 38.3 22.3 62.3
105 40.5 23.0 63.0

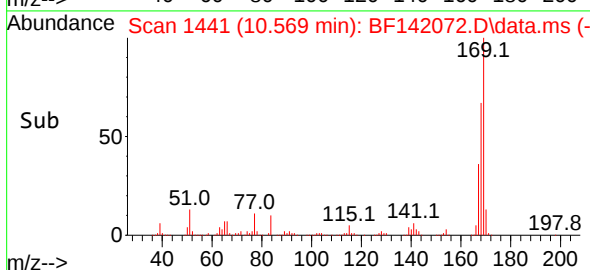
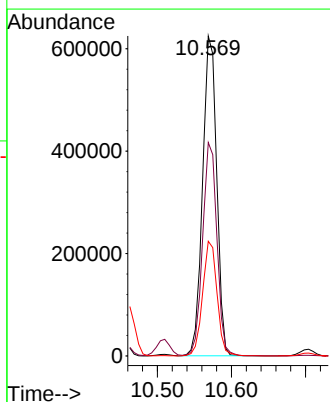
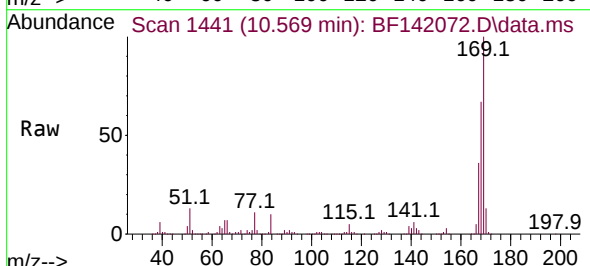
Manual Integrations
APPROVED

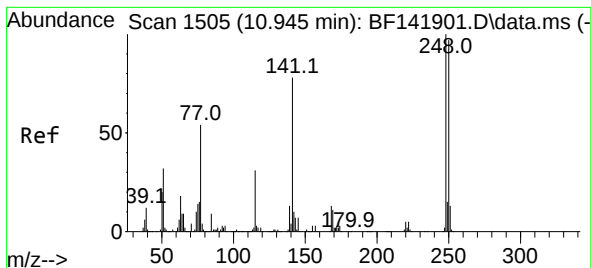
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#66
n-Nitrosodiphenylamine
Concen: 44.696 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

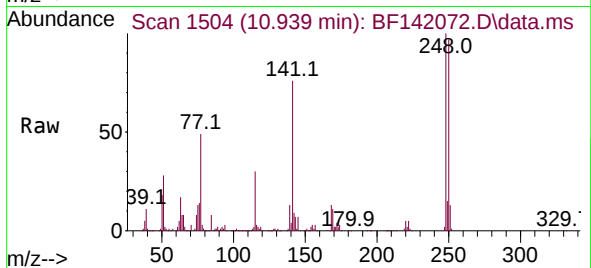
Tgt Ion:169 Resp: 823371
Ion Ratio Lower Upper
169 100
168 66.7 53.7 80.5
167 35.8 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 45.098 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

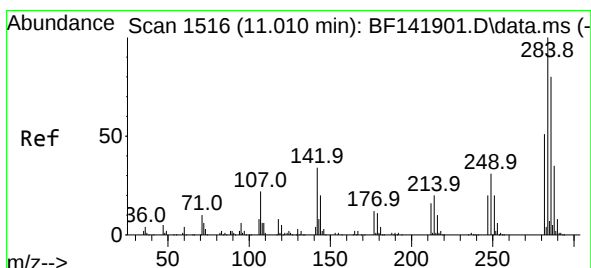
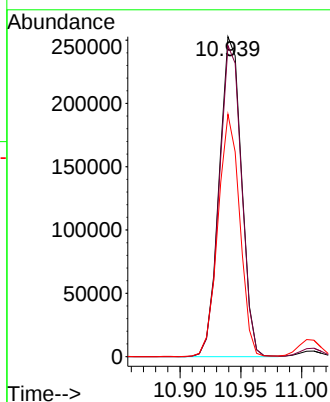
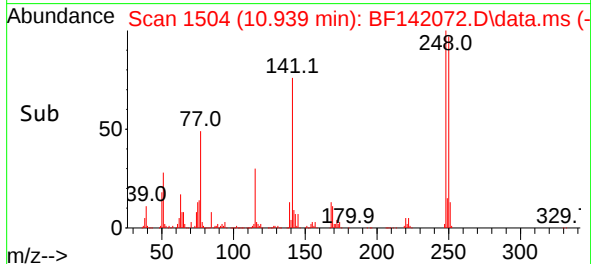
Instrument :
BNA_F
ClientSampleId :
PB167261BS



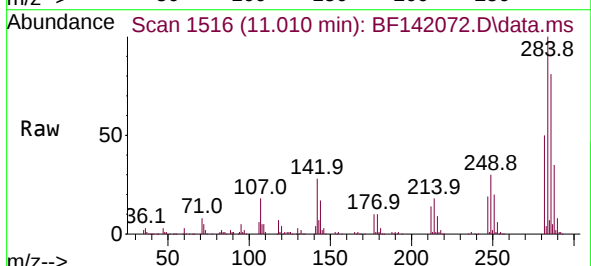
Tgt Ion:248 Resp: 322423
Ion Ratio Lower Upper
248 100
250 97.2 77.8 116.8
141 75.7 62.6 93.8

Manual Integrations
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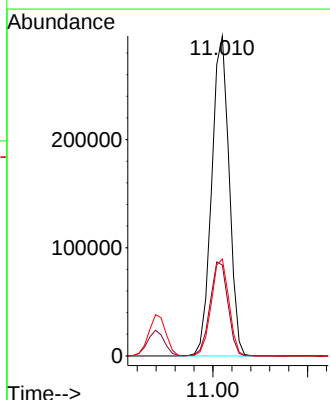
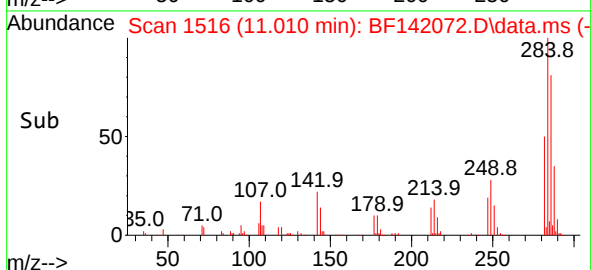
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

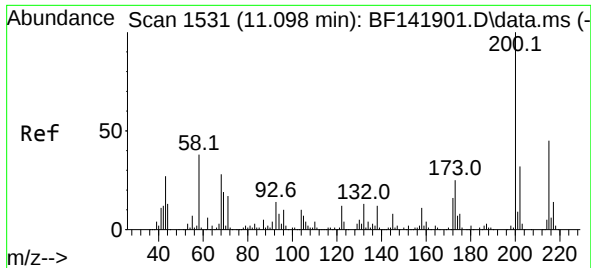


#68
Hexachlorobenzene
Concen: 48.136 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08



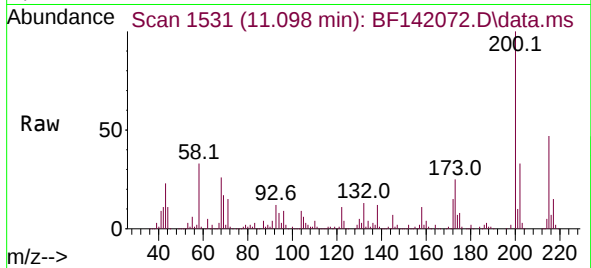
Tgt Ion:284 Resp: 377441
Ion Ratio Lower Upper
284 100
142 28.4 27.0 40.6
249 30.3 25.2 37.8





#69
 Atrazine
 Concen: 61.362 ng
 RT: 11.098 min Scan# 1531
 Delta R.T. 0.000 min
 Lab File: BF142072.D
 Acq: 25 Mar 2025 12:08

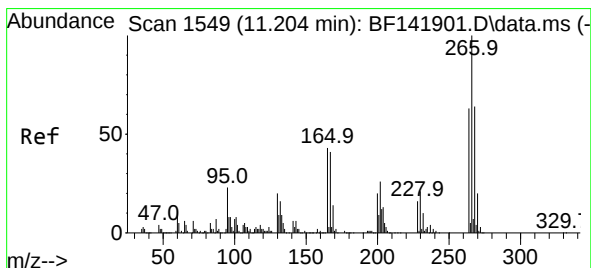
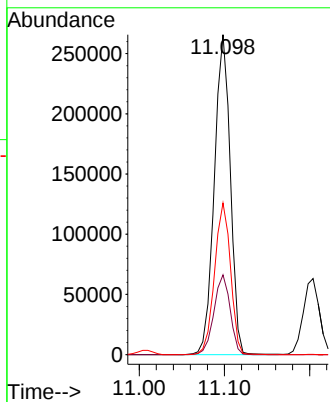
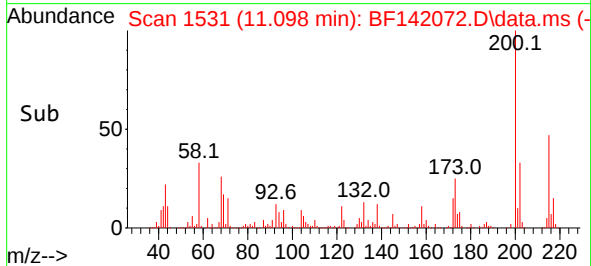
Instrument :
 BNA_F
 ClientSampleId :
 PB167261BS



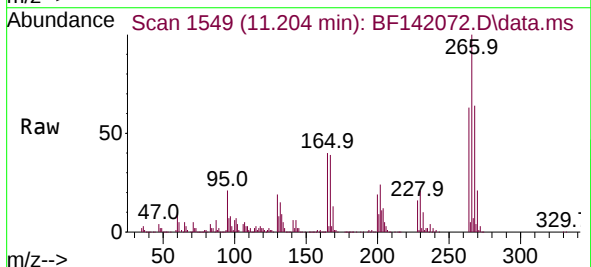
Tgt Ion:200 Resp: 346533
 Ion Ratio Lower Upper
 200 100
 173 24.9 4.7 44.7
 215 47.4 25.4 65.4

Manual Integrations
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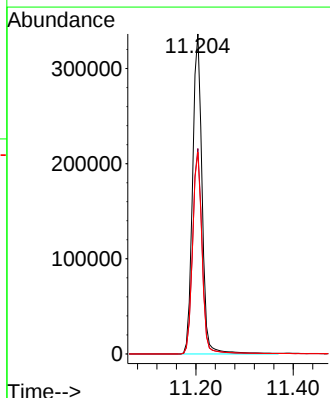
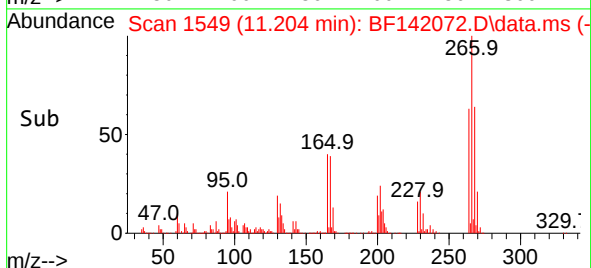
Reviewed By :Anahy Claudio 03/26/2025
 Supervised By :Jagrut Upadhyay 03/26/2025

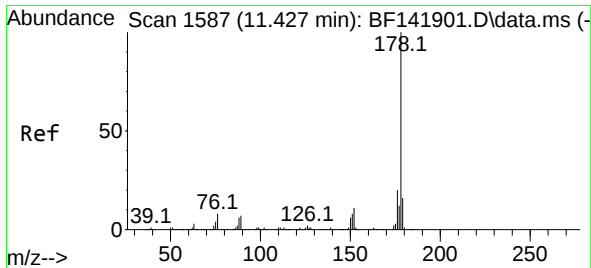


#70
 Pentachlorophenol
 Concen: 93.467 ng
 RT: 11.204 min Scan# 1549
 Delta R.T. 0.000 min
 Lab File: BF142072.D
 Acq: 25 Mar 2025 12:08



Tgt Ion:266 Resp: 451559
 Ion Ratio Lower Upper
 266 100
 268 64.2 51.0 76.6
 264 63.0 50.2 75.2





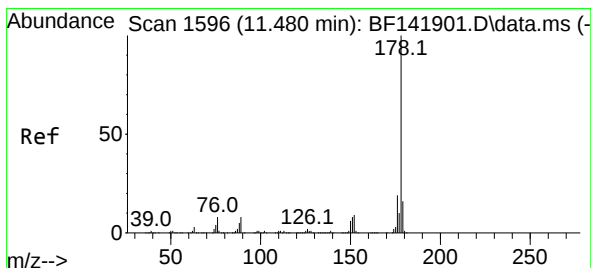
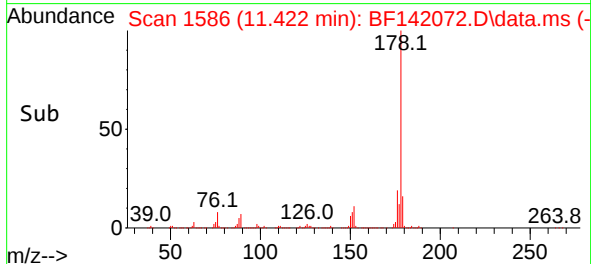
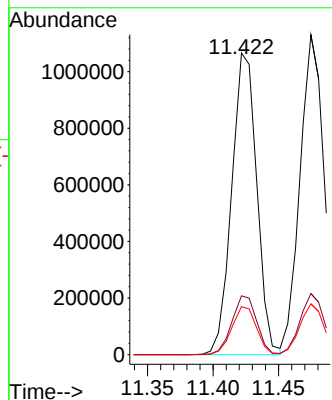
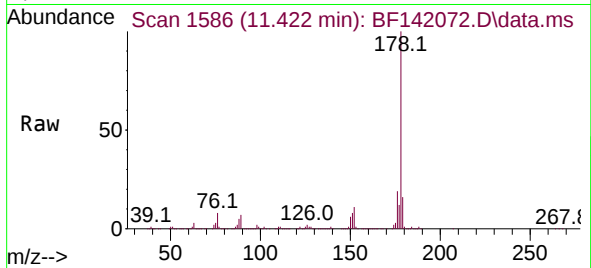
#71
Phenanthrene
Concen: 46.050 ng
RT: 11.422 min Scan# 11594
Delta R.T. -0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

Instrument :
BNA_F
ClientSampleId :
PB167261BS

Tgt Ion:178 Resp: 1415949
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 15.9 12.6 19.0

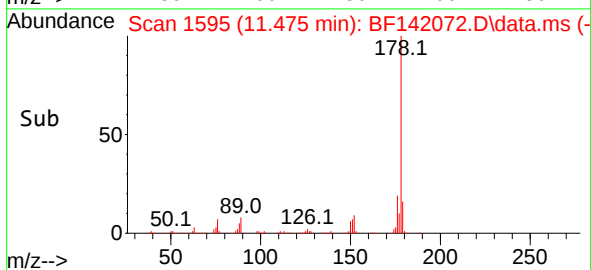
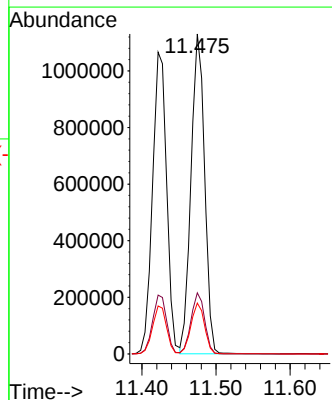
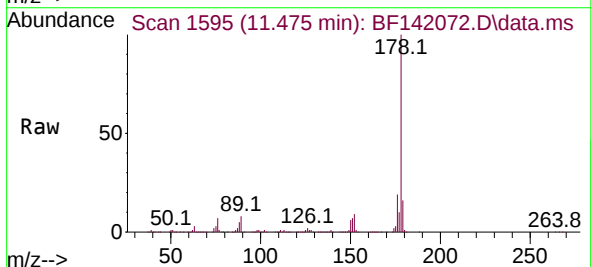
Manual Integrations
APPROVED

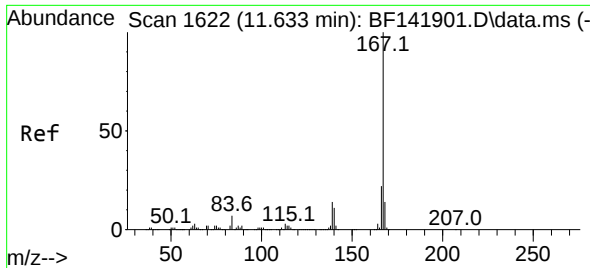
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#72
Anthracene
Concen: 46.614 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

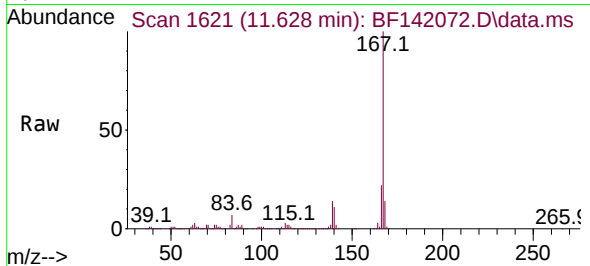
Tgt Ion:178 Resp: 1437957
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 15.9 12.6 19.0





#73
 Carbazole
 Concen: 46.007 ng
 RT: 11.628 min Scan# 1621
 Delta R.T. -0.006 min
 Lab File: BF142072.D
 Acq: 25 Mar 2025 12:08

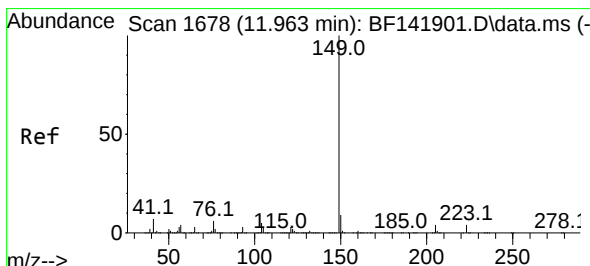
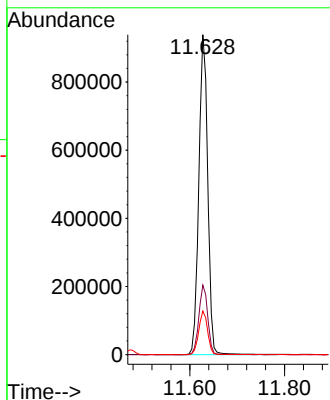
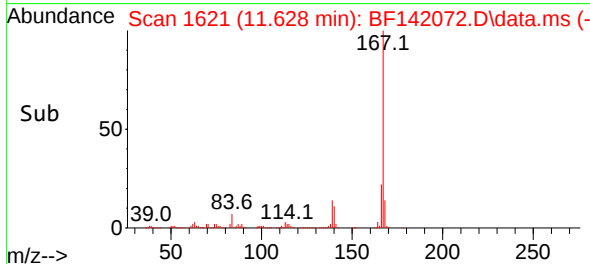
Instrument :
 BNA_F
 ClientSampleId :
 PB167261BS



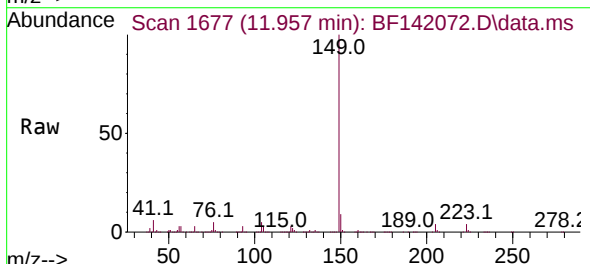
Tgt Ion:167 Resp: 1223953
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.2
 139 13.6 11.0 16.6

Manual Integrations
 APPROVED

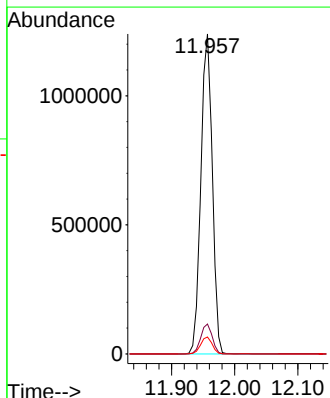
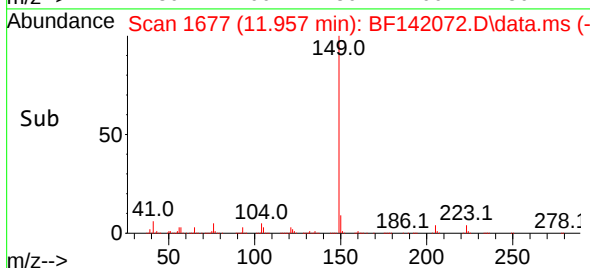
Reviewed By :Anahy Claudio 03/26/2025
 Supervised By :Jagrut Upadhyay 03/26/2025

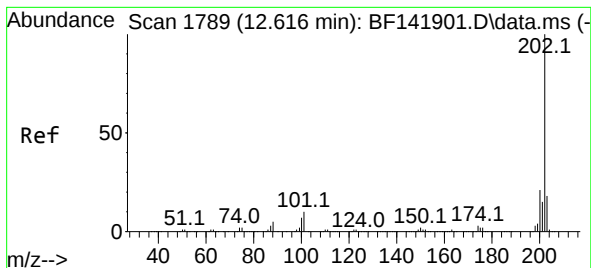


#74
 Di-n-butylphthalate
 Concen: 44.052 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.006 min
 Lab File: BF142072.D
 Acq: 25 Mar 2025 12:08



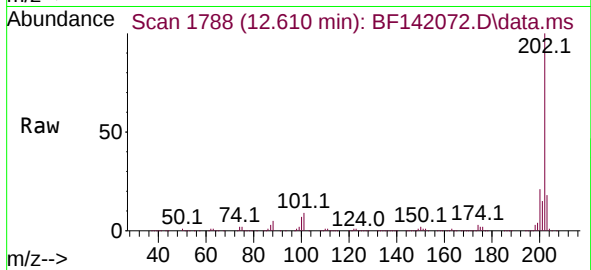
Tgt Ion:149 Resp: 1555053
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.6 11.4
 104 5.3 4.4 6.6





#75
Fluoranthene
Concen: 45.277 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

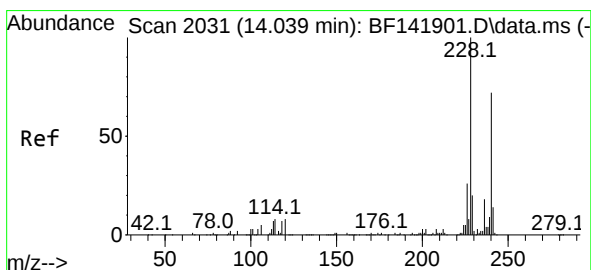
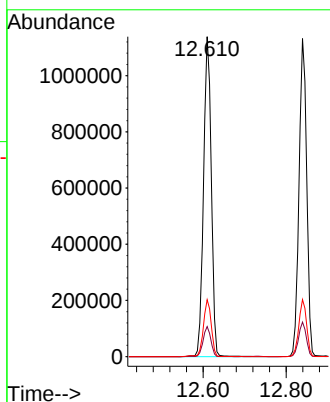
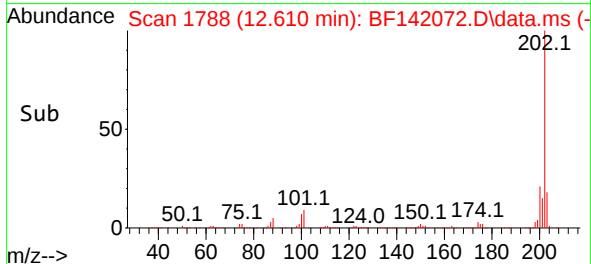
Instrument :
BNA_F
ClientSampleId :
PB167261BS



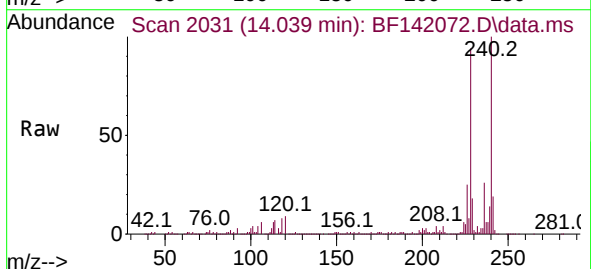
Tgt Ion:202 Resp: 147677
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.7
203 17.8 0.0 37.8

Manual Integrations
APPROVED

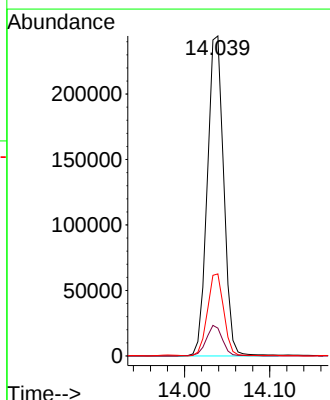
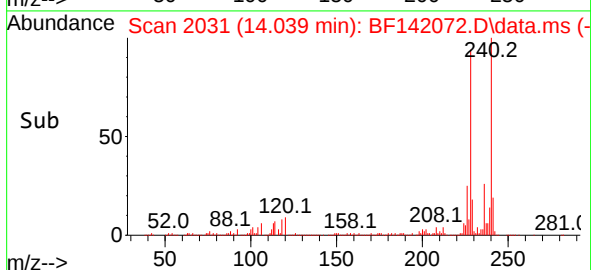
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

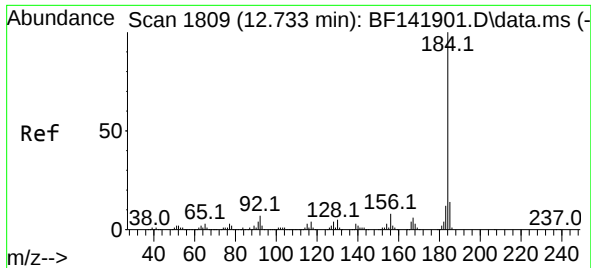


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08



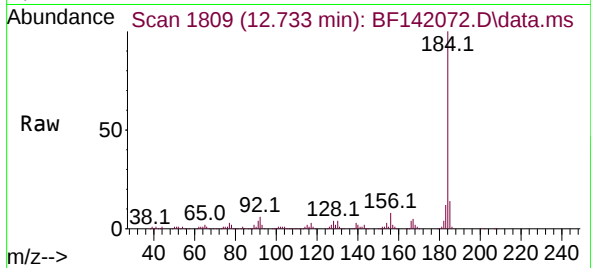
Tgt Ion:240 Resp: 326232
Ion Ratio Lower Upper
240 100
120 8.7 8.4 12.6
236 25.7 20.5 30.7





#77
Benzidine
Concen: 53.352 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

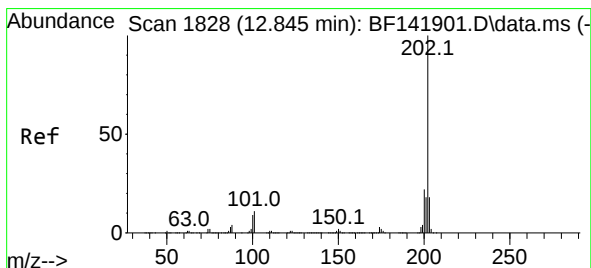
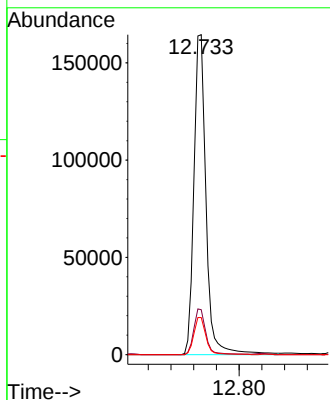
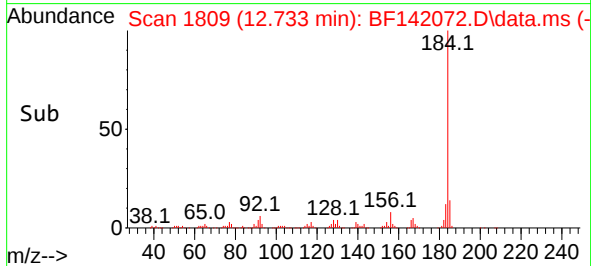
Instrument :
BNA_F
ClientSampleId :
PB167261BS



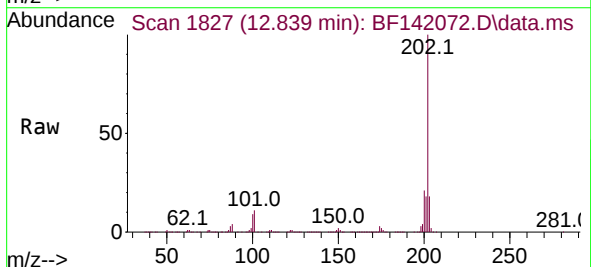
Tgt Ion:184 Resp: 242836
Ion Ratio Lower Upper
184 100
185 14.0 11.5 17.3
183 11.6 9.7 14.5

Manual Integrations
APPROVED

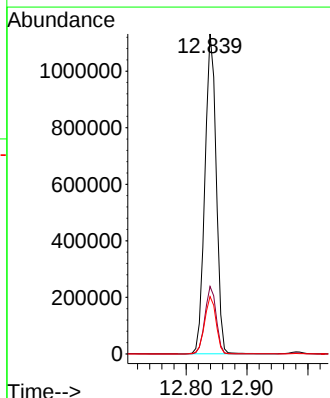
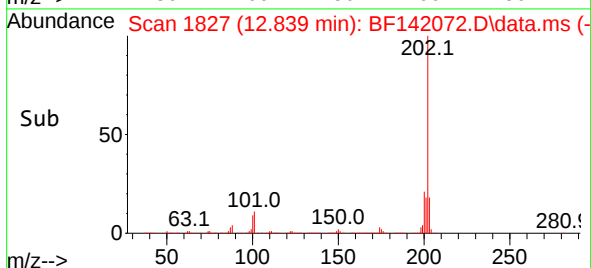
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

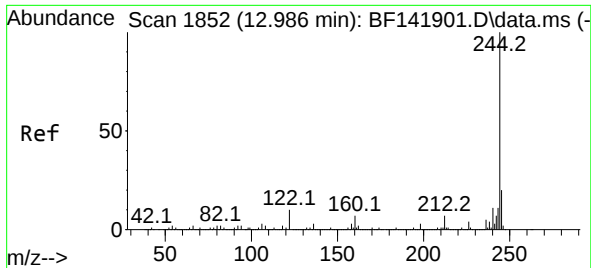


#78
Pyrene
Concen: 51.476 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08



Tgt Ion:202 Resp: 1452629
Ion Ratio Lower Upper
202 100
200 21.1 17.3 25.9
203 18.0 14.4 21.6





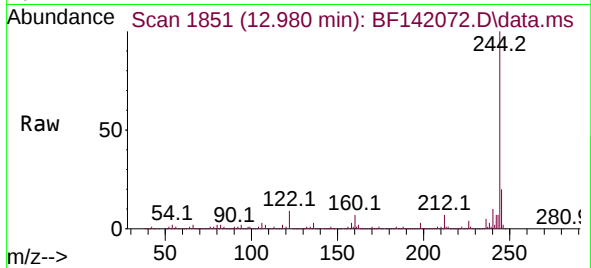
#79
Terphenyl-d14
Concen: 117.593 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

Instrument :

BNA_F

ClientSampleId :

PB167261BS

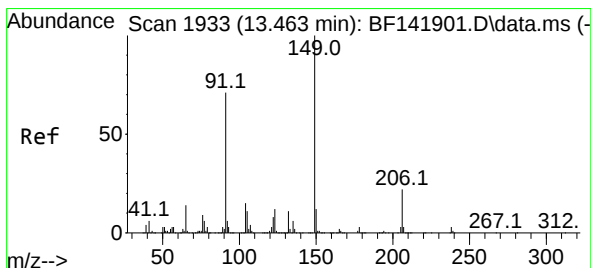
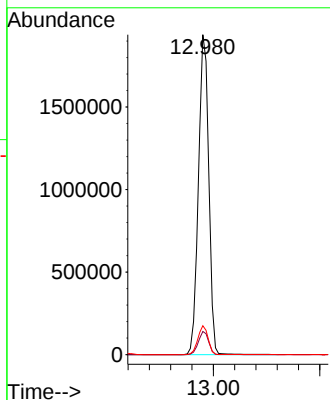
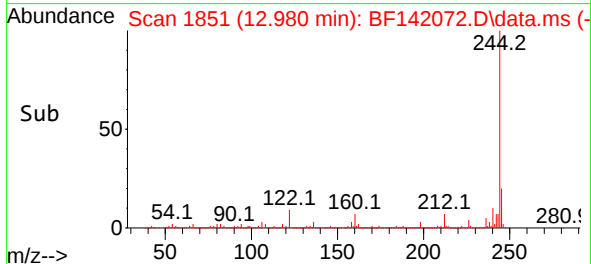


Tgt Ion:244 Resp: 2594776
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 9.0 7.7 11.5

Manual Integrations

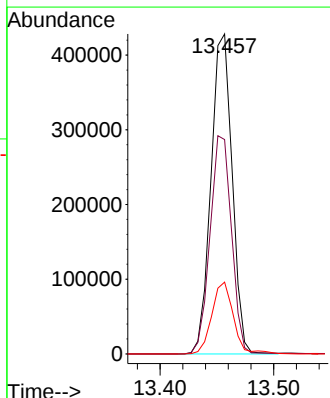
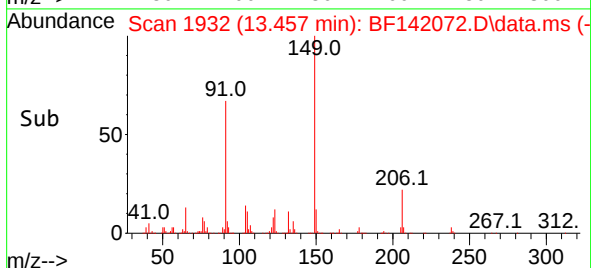
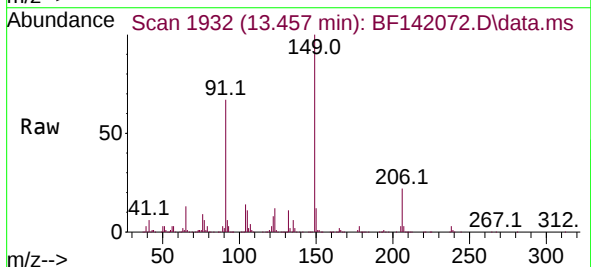
APPROVED

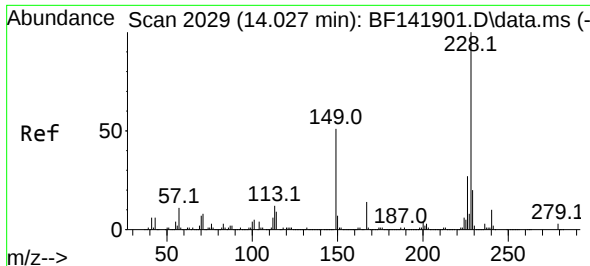
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#80
Butylbenzylphthalate
Concen: 50.205 ng
RT: 13.457 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

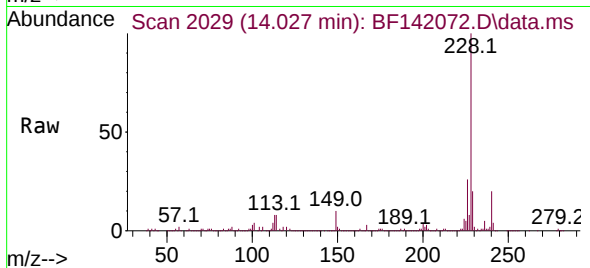
Tgt Ion:149 Resp: 554523
Ion Ratio Lower Upper
149 100
91 67.0 56.5 84.7
206 22.4 17.3 25.9





#81
Benzo(a)anthracene
Concen: 48.035 ng
RT: 14.027 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

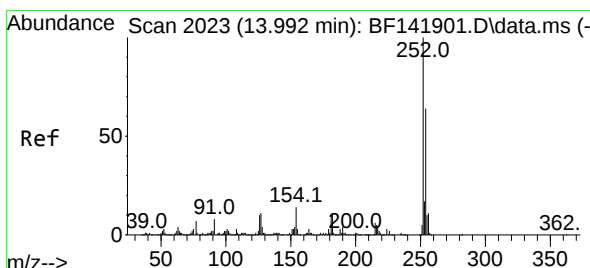
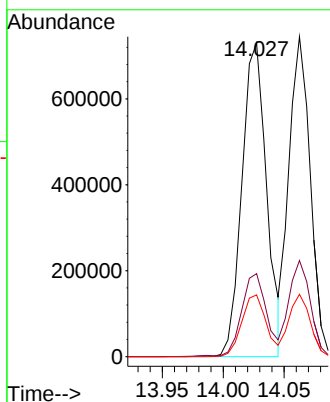
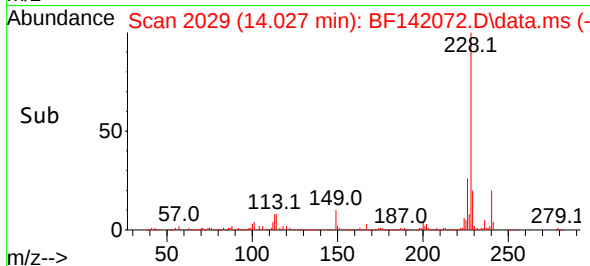
Instrument :
BNA_F
ClientSampleId :
PB167261BS



Tgt Ion:228 Resp: 1028307
Ion Ratio Lower Upper
228 100
226 26.5 21.8 32.8
229 19.7 16.0 24.0

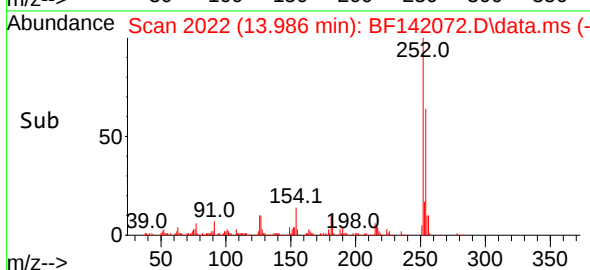
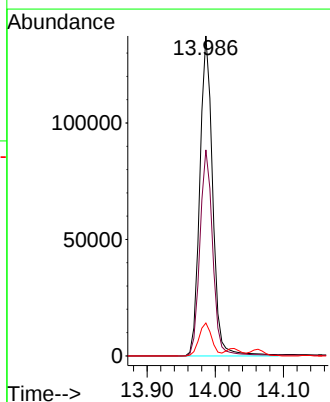
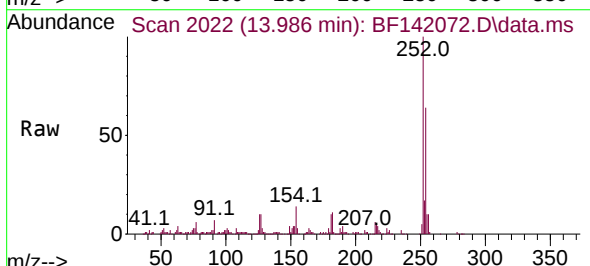
Manual Integrations
APPROVED

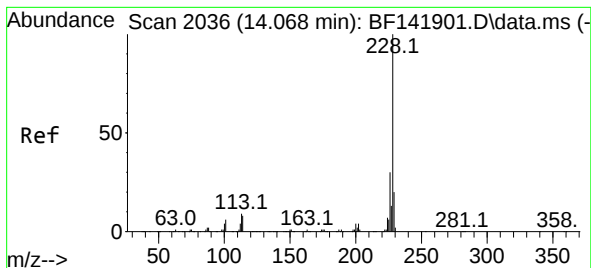
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#82
3,3'-Dichlorobenzidine
Concen: 29.168 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

Tgt Ion:252 Resp: 180449
Ion Ratio Lower Upper
252 100
254 64.4 51.0 76.6
126 10.3 8.4 12.6





#83

Chrysene

Concen: 47.391 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF142072.D

Acq: 25 Mar 2025 12:08

Instrument :

BNA_F

ClientSampleId :

PB167261BS

Tgt Ion:228 Resp: 919626

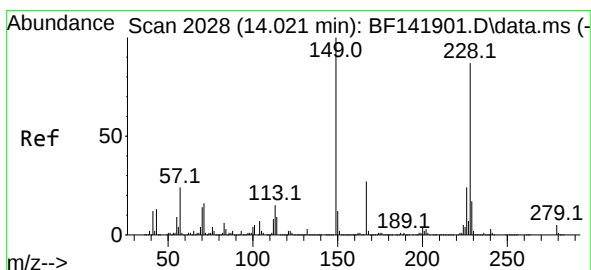
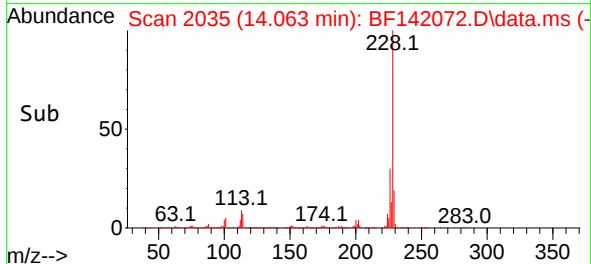
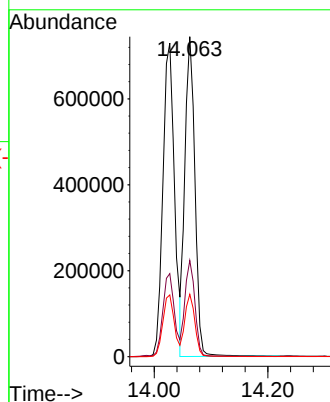
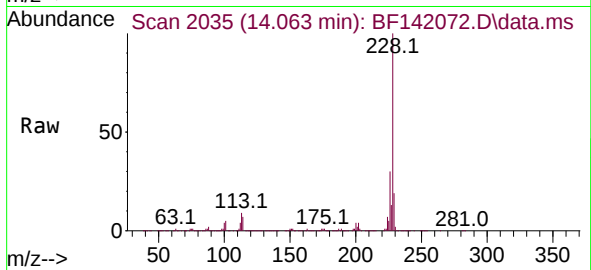
Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	19.5	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/26/2025

Supervised By :Jagrut Upadhyay 03/26/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.586 ng

RT: 14.010 min Scan# 2026

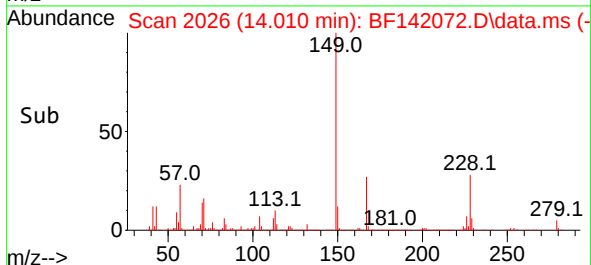
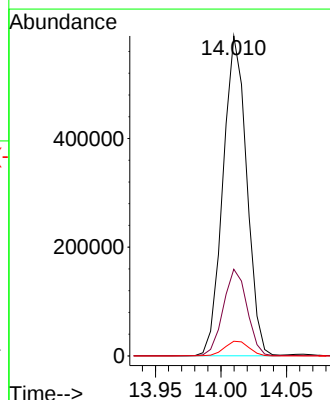
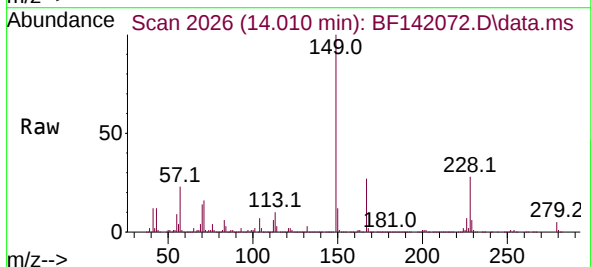
Delta R.T. -0.012 min

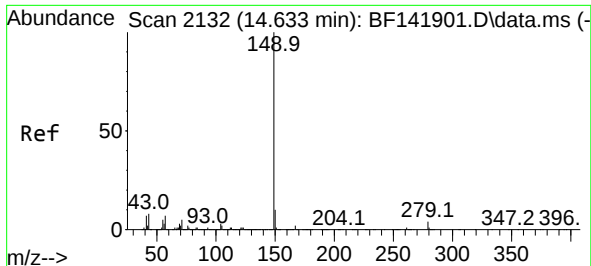
Lab File: BF142072.D

Acq: 25 Mar 2025 12:08

Tgt Ion:149 Resp: 739908

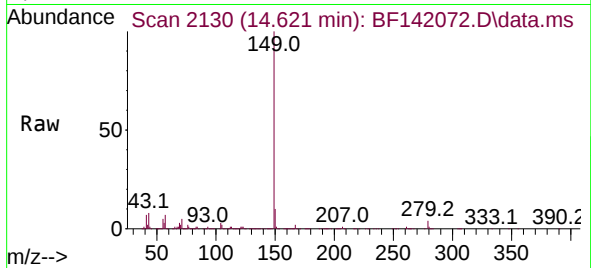
Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.4	32.0
279	4.6	3.8	5.6





#85
Di-n-octyl phthalate
Concen: 47.981 ng
RT: 14.621 min Scan# 2132
Delta R.T. -0.012 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

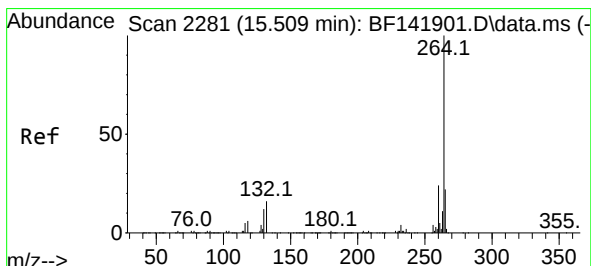
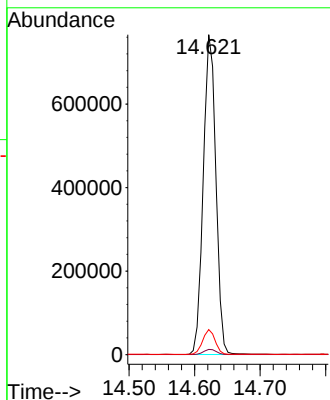
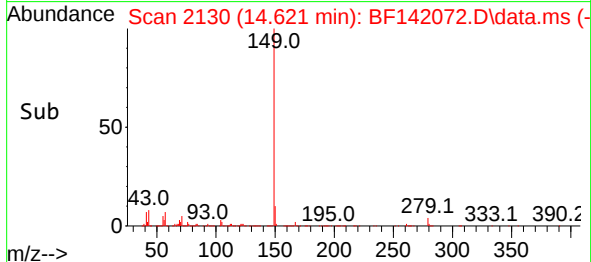
Instrument :
BNA_F
ClientSampleId :
PB167261BS



Tgt Ion:149 Resp: 1016688
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.6 6.9 10.3

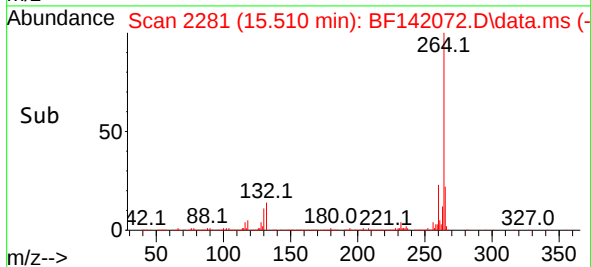
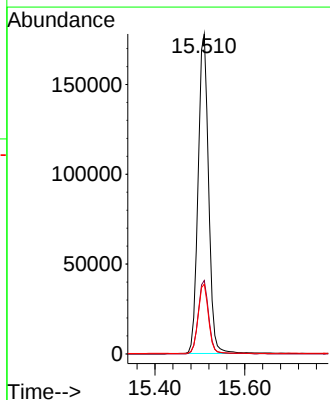
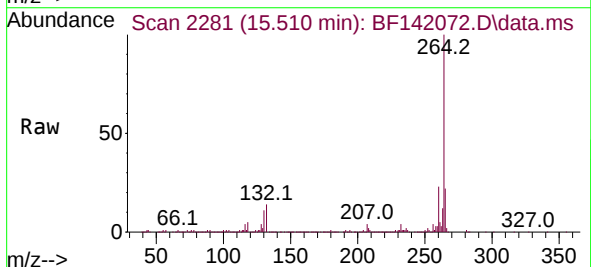
Manual Integrations
APPROVED

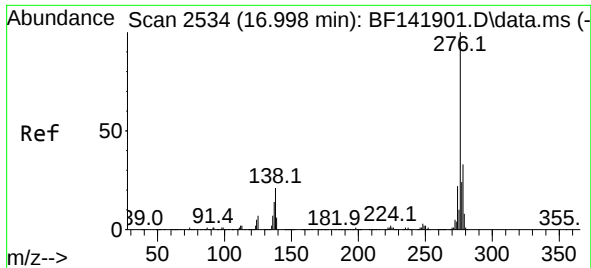
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

Tgt Ion:264 Resp: 287415
Ion Ratio Lower Upper
264 100
260 22.9 19.1 28.7
265 21.8 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 41.662 ng
RT: 16.998 min Scan# 211
Delta R.T. 0.000 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

Instrument :

BNA_F

ClientSampleId :

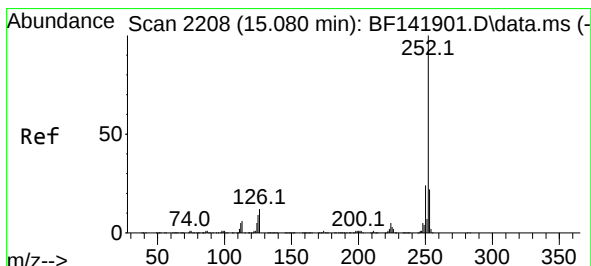
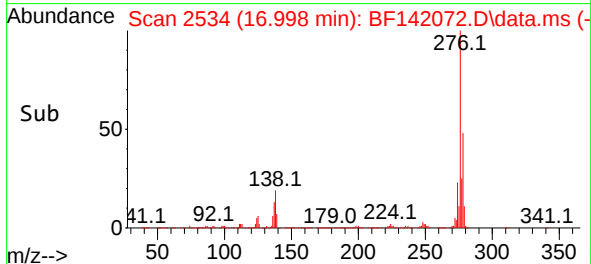
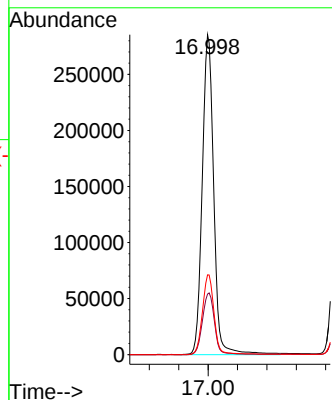
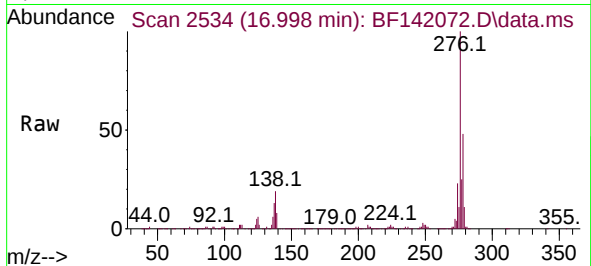
PB167261BS

Tgt Ion:276 Resp: 774601
Ion Ratio Lower Upper
276 100
138 20.3 18.4 27.6
277 25.1 20.3 30.5

Manual Integrations

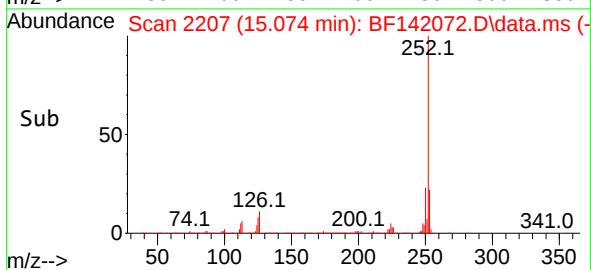
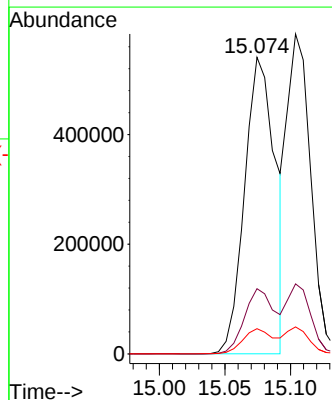
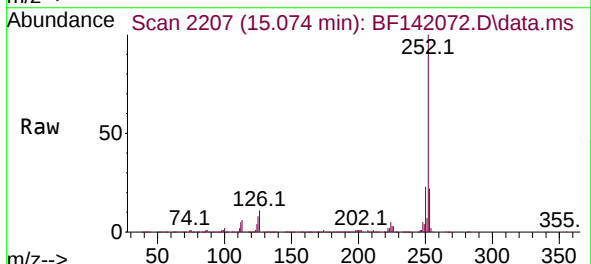
APPROVED

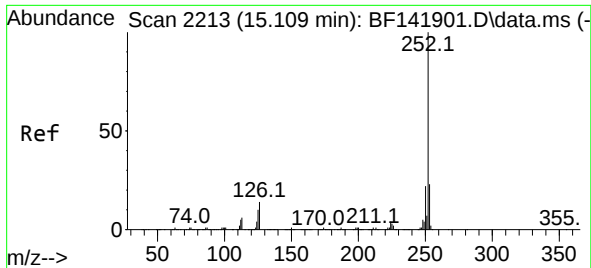
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#88
Benzo(b)fluoranthene
Concen: 44.756 ng
RT: 15.074 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

Tgt Ion:252 Resp: 881604
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 8.5 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 43.951 ng

RT: 15.104 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142072.D

Acq: 25 Mar 2025 12:08

Instrument :

BNA_F

ClientSampleId :

PB167261BS

Tgt Ion:252 Resp: 740885

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

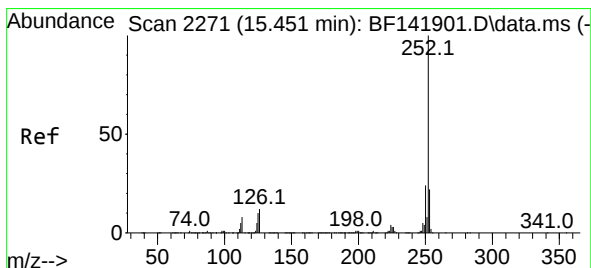
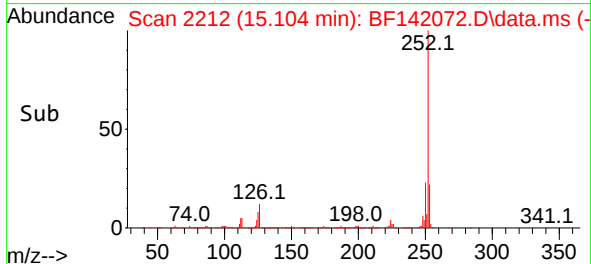
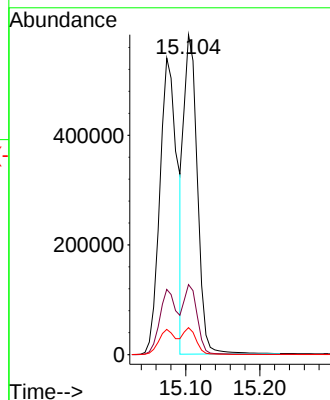
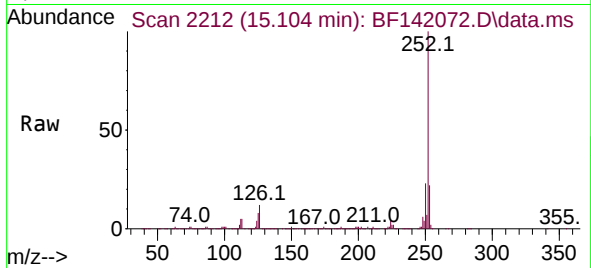
125 8.4 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/26/2025

Supervised By :Jagrut Upadhyay 03/26/2025



#90

Benzo(a)pyrene

Concen: 48.225 ng

RT: 15.445 min Scan# 2270

Delta R.T. -0.006 min

Lab File: BF142072.D

Acq: 25 Mar 2025 12:08

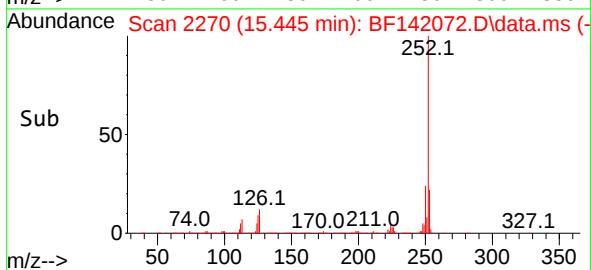
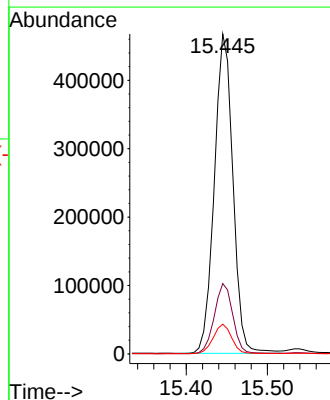
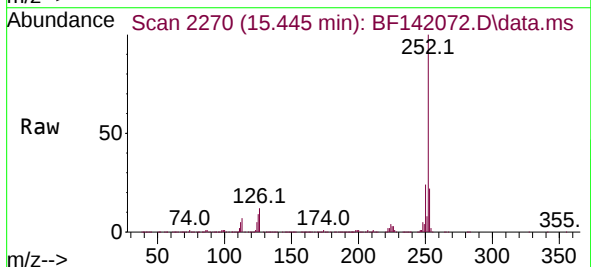
Tgt Ion:252 Resp: 743289

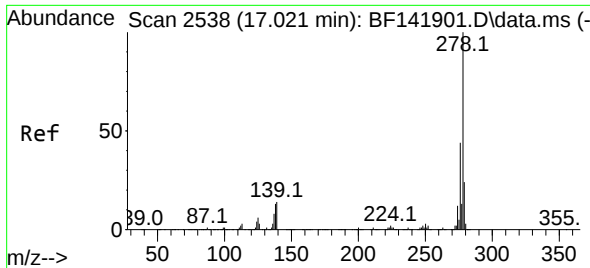
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 9.3 7.8 11.8





#91
Dibenzo(a,h)anthracene
Concen: 40.927 ng
RT: 17.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

Instrument :

BNA_F

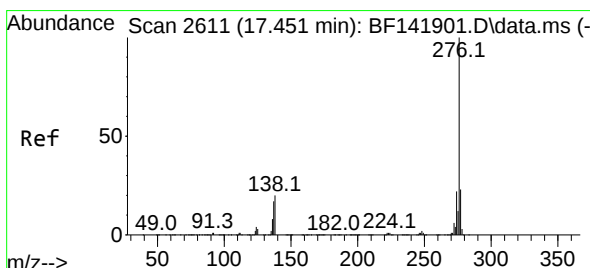
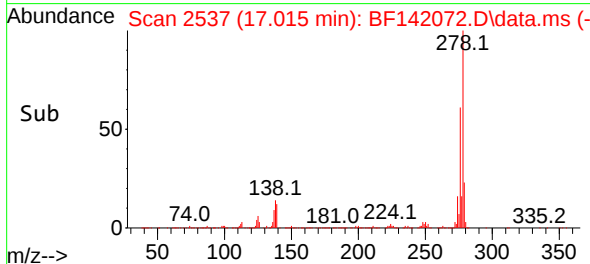
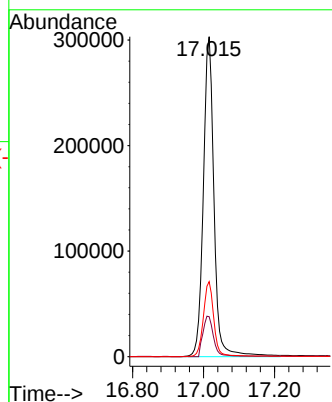
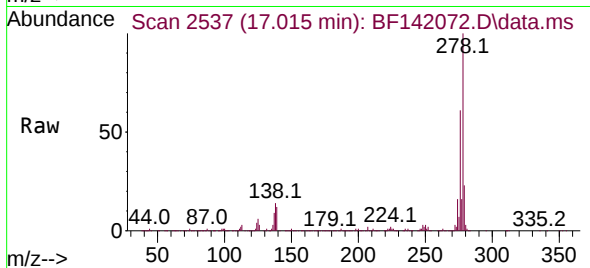
ClientSampleId :

PB167261BS

Tgt Ion:278 Resp: 62783
Ion Ratio Lower Upper
278 100
139 12.5 11.4 17.2
279 23.4 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#92
Benzo(g,h,i)perylene
Concen: 37.692 ng
RT: 17.445 min Scan# 2610
Delta R.T. -0.006 min
Lab File: BF142072.D
Acq: 25 Mar 2025 12:08

Tgt Ion:276 Resp: 571389
Ion Ratio Lower Upper
276 100
277 23.5 18.7 28.1
138 17.3 15.8 23.8

