

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
 Data File : BF142078.D
 Acq On : 25 Mar 2025 15:07
 Operator : RC/JU
 Sample : PB167254BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167254BS

Manual Integrations
 APPROVED

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

Quant Time: Mar 25 15:36:36 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	140188	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	560217	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	321531	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	576228	20.000	ng	0.00
76) Chrysene-d12	14.033	240	331995	20.000	ng	0.00
86) Perylene-d12	15.504	264	292647	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1139907	135.708	ng	0.00
7) Phenol-d6	6.504	99	1418143	132.602	ng	0.00
23) Nitrobenzene-d5	7.440	82	942813	94.709	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	681106	166.977	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2019216	95.507	ng	-0.01
79) Terphenyl-d14	12.980	244	2633359	117.270	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.728	88	144815	41.146	ng	97
3) Pyridine	3.493	79	335219	38.829	ng	95
4) n-Nitrosodimethylamine	3.434	42	165202	40.143	ng	95
6) Aniline	6.534	93	395413	37.479	ng	93
8) 2-Chlorophenol	6.657	128	424524	45.570	ng	98
9) Benzaldehyde	6.422	77	102267	17.098	ng	100
10) Phenol	6.516	94	491842	43.715	ng	95
11) bis(2-Chloroethyl)ether	6.610	93	360718	42.697	ng	98
12) 1,3-Dichlorobenzene	6.816	146	447551	44.499	ng	98
13) 1,4-Dichlorobenzene	6.893	146	450214	44.242	ng	98
14) 1,2-Dichlorobenzene	7.045	146	436189	45.508	ng	98
15) Benzyl Alcohol	7.016	79	364176	42.120	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	398307	39.052	ng	95
17) 2-Methylphenol	7.122	107	338893	45.752	ng	99
18) Hexachloroethane	7.387	117	166914	43.741	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	278124	40.472	ng	98
20) 3+4-Methylphenols	7.275	107	422589	44.541	ng	# 86
22) Acetophenone	7.281	105	624598	46.557	ng	97
24) Nitrobenzene	7.457	77	427778	43.226	ng	98
25) Isophorone	7.692	82	782075	44.444	ng	99
26) 2-Nitrophenol	7.769	139	232098	47.785	ng	99
27) 2,4-Dimethylphenol	7.804	122	366432	54.789	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	465873	42.211	ng	99
29) 2,4-Dichlorophenol	8.010	162	379264	45.687	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	403139	44.067	ng	99
31) Naphthalene	8.175	128	1230997	42.776	ng	99
32) Benzoic acid	7.928	122	292285	49.717	ng	98
33) 4-Chloroaniline	8.222	127	204286	20.109	ng	97
34) Hexachlorobutadiene	8.292	225	272869	45.736	ng	98
35) Caprolactam	8.592	113	131629m	52.009	ng	
36) 4-Chloro-3-methylphenol	8.704	107	418800	45.225	ng	99
37) 2-Methylnaphthalene	8.869	142	806451	41.926	ng	99
38) 1-Methylnaphthalene	8.969	142	793632	42.756	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	484815	49.525	ng	98
41) Hexachlorocyclopentadiene	9.022	237	573181	149.611	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	303620	47.458	ng	99

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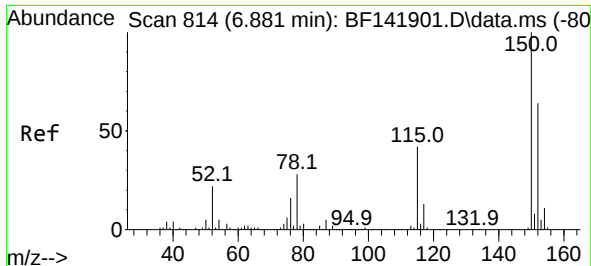
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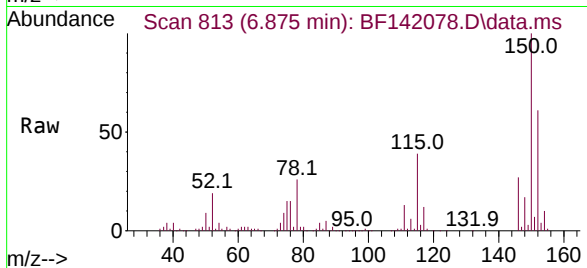
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	306584	47.315	ng	100
46) 1,1'-Biphenyl	9.334	154	1171276	47.943	ng	99
47) 2-Chloronaphthalene	9.357	162	824543	45.282	ng	99
48) 2-Nitroaniline	9.451	65	244621	46.397	ng	97
49) Acenaphthylene	9.775	152	1289842	47.733	ng	100
50) Dimethylphthalate	9.633	163	1025138	45.529	ng	100
51) 2,6-Dinitrotoluene	9.692	165	226093	48.228	ng	95
52) Acenaphthene	9.945	154	977111	51.455	ng	100
53) 3-Nitroaniline	9.863	138	142889	30.048	ng	95
54) 2,4-Dinitrophenol	9.969	184	263996	97.541	ng	# 49
55) Dibenzofuran	10.116	168	1199543	44.208	ng	99
56) 4-Nitrophenol	10.028	139	342454	95.492	ng	96
57) 2,4-Dinitrotoluene	10.098	165	318954	52.091	ng	98
58) Fluorene	10.463	166	960647	45.909	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	276126	46.831	ng	99
60) Diethylphthalate	10.333	149	1009592	44.968	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	498601	45.705	ng	98
62) 4-Nitroaniline	10.480	138	211671	45.721	ng	98
63) Azobenzene	10.610	77	887847	42.535	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	180681	52.598	ng	93
66) n-Nitrosodiphenylamine	10.569	169	844130	45.269	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	327857	45.304	ng	99
68) Hexachlorobenzene	11.010	284	390852	49.244	ng	92
69) Atrazine	11.098	200	350688	61.348	ng	99
70) Pentachlorophenol	11.204	266	459633	93.990	ng	99
71) Phenanthrene	11.422	178	1433523	46.059	ng	99
72) Anthracene	11.475	178	1477126	47.305	ng	100
73) Carbazole	11.627	167	1214986	45.118	ng	100
74) Di-n-butylphthalate	11.957	149	1588545	44.457	ng	99
75) Fluoranthene	12.610	202	1475898	44.704	ng	99
77) Benzidine	12.727	184	276682	59.733	ng	99
78) Pyrene	12.839	202	1465000	51.013	ng	100
80) Butylbenzylphthalate	13.451	149	551623	49.076	ng	100
81) Benzo(a)anthracene	14.027	228	1028335	47.202	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	209491	33.275	ng	99
83) Chrysene	14.063	228	903542	45.754	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	744242	48.022	ng	100
85) Di-n-octyl phthalate	14.621	149	1008397	46.763	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	770408	40.696	ng	97
88) Benzo(b)fluoranthene	15.074	252	907093	45.226	ng	100
89) Benzo(k)fluoranthene	15.104	252	750155	43.705	ng	99
90) Benzo(a)pyrene	15.445	252	764955	48.743	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	622602	39.861	ng	99
92) Benzo(g,h,i)perylene	17.445	276	562360	36.434	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

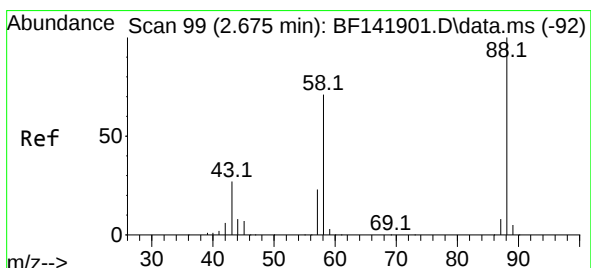
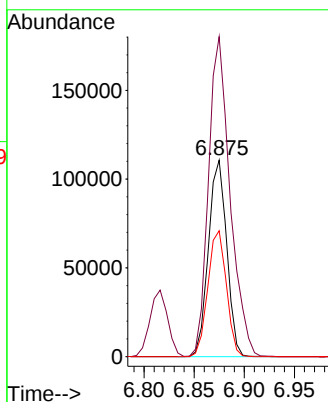
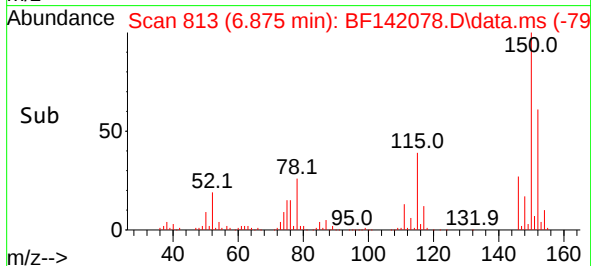
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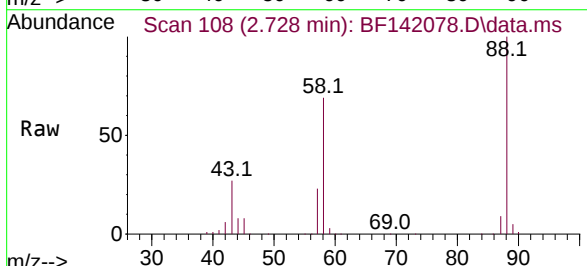
Tgt Ion:152 Resp: 140188
Ion Ratio Lower Upper
152 100
150 163.0 127.4 191.2
115 64.1 51.9 77.9

Manual Integrations
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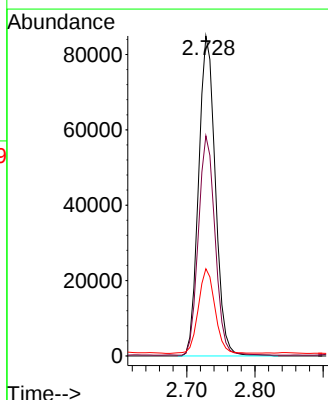
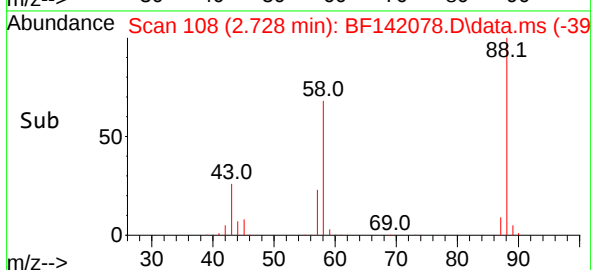
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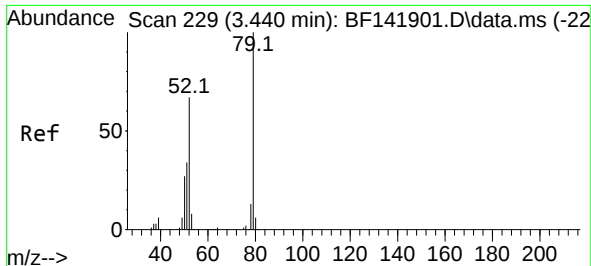


#2
1,4-Dioxane
Concen: 41.146 ng
RT: 2.728 min Scan# 108
Delta R.T. 0.053 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07



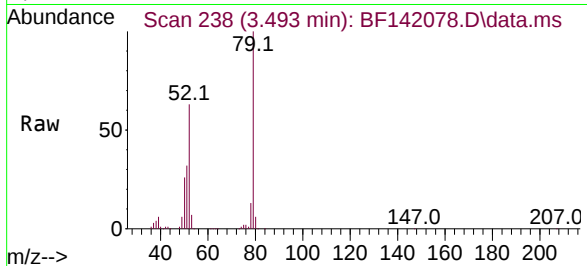
Tgt Ion: 88 Resp: 144815
Ion Ratio Lower Upper
88 100
58 68.4 57.4 86.2
43 26.3 21.5 32.3





#3
Pyridine
Concen: 38.829 ng
RT: 3.493 min Scan# 231
Delta R.T. 0.053 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

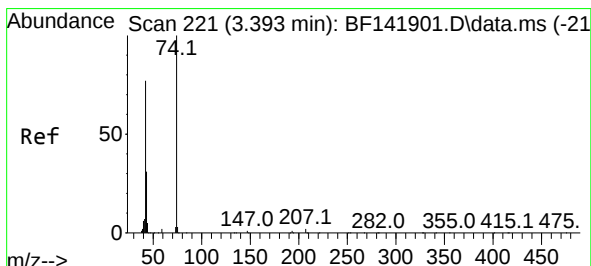
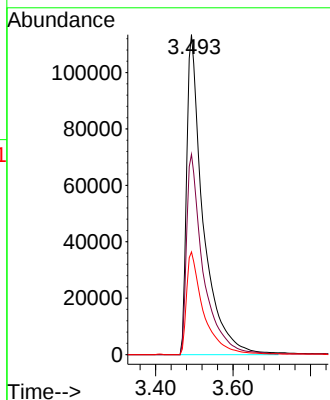
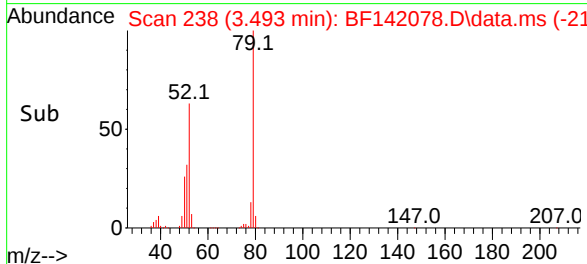
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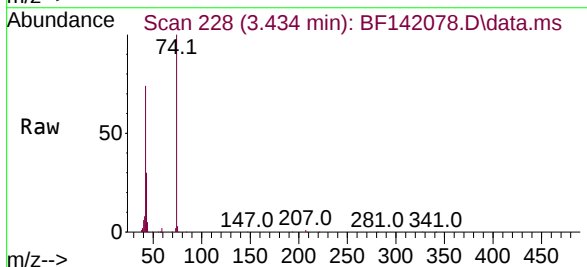
Tgt Ion: 79 Resp: 335219
Ion Ratio Lower Upper
79 100
52 62.6 53.3 79.9
51 32.1 27.6 41.4

Manual Integrations
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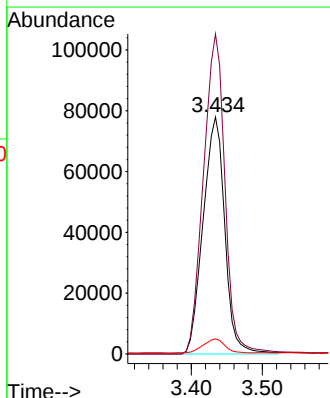
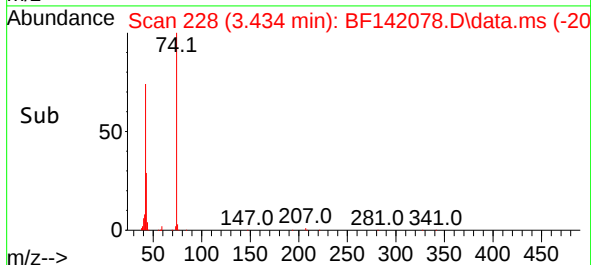
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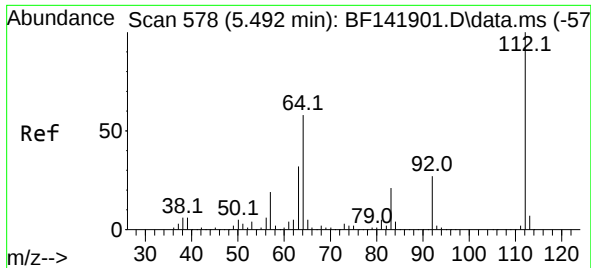


#4
n-Nitrosodimethylamine
Concen: 40.143 ng
RT: 3.434 min Scan# 228
Delta R.T. 0.041 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07



Tgt Ion: 42 Resp: 165202
Ion Ratio Lower Upper
42 100
74 135.1 103.4 155.0
44 6.4 5.0 7.4





#5
2-Fluorophenol
Concen: 135.708 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

Instrument :

BNA_F

ClientSampleId :

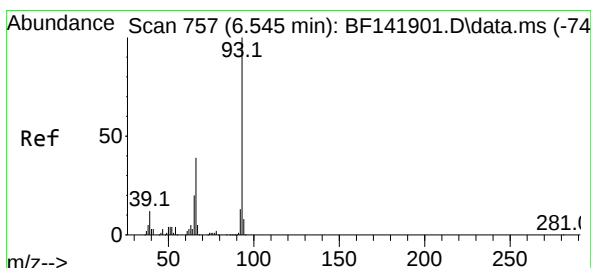
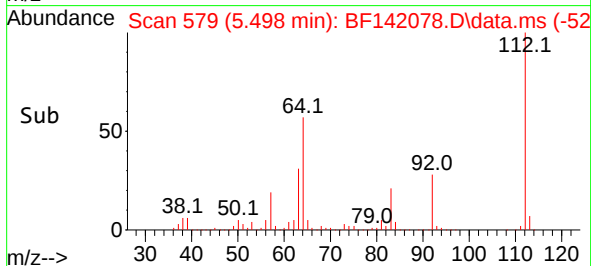
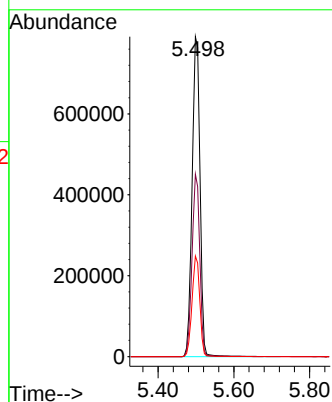
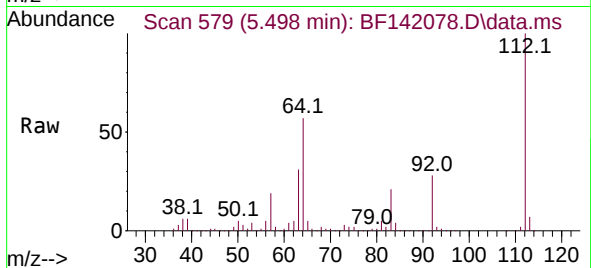
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Tgt Ion:112 Resp: 113990
Ion Ratio Lower Upper
112 100
64 57.0 46.5 69.7
63 31.4 25.4 38.2

Manual Integrations

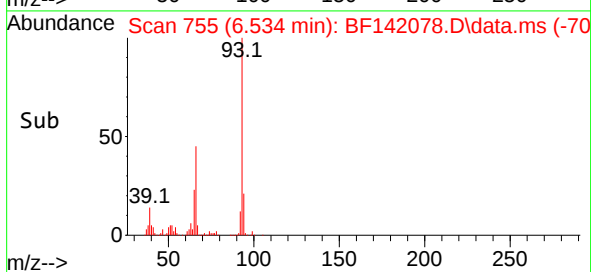
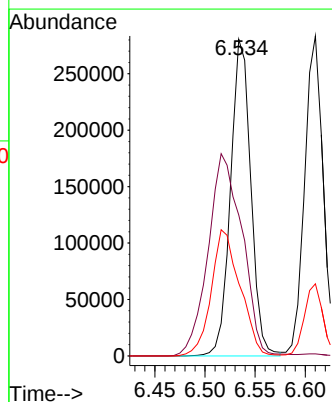
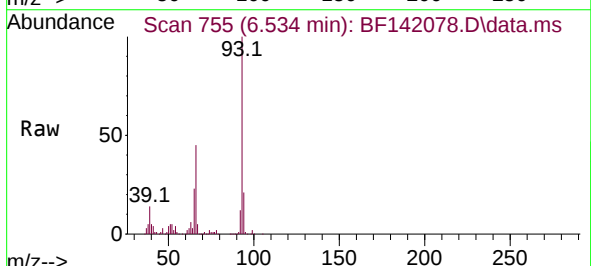
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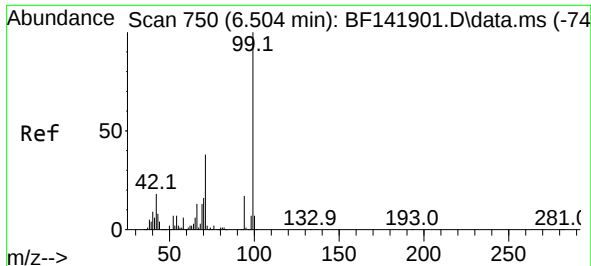
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#6
Aniline
Concen: 37.479 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

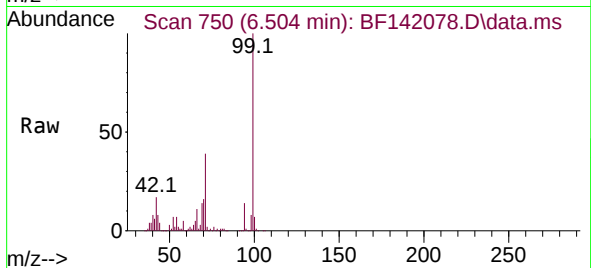
Tgt Ion: 93 Resp: 395413
Ion Ratio Lower Upper
93 100
66 44.5 31.9 47.9
65 22.9 15.8 23.6





#7
Phenol-d6
Concen: 132.602 ng
RT: 6.504 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

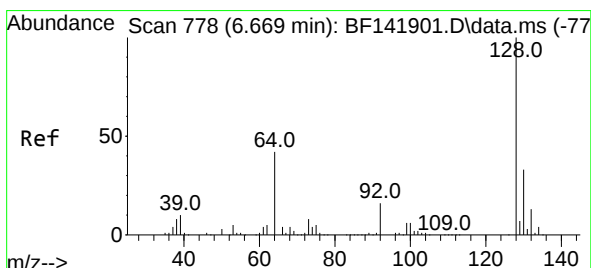
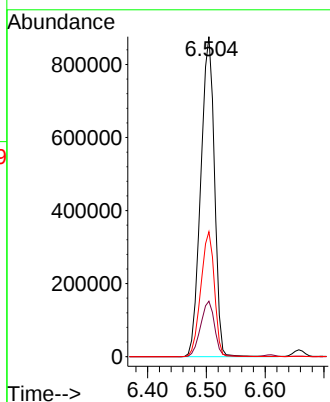
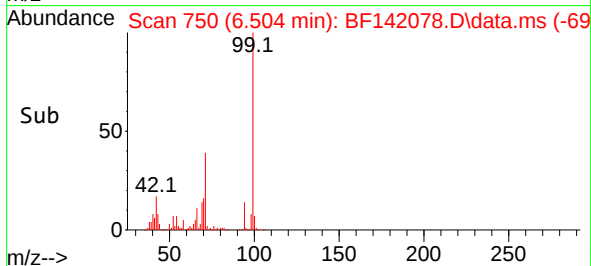
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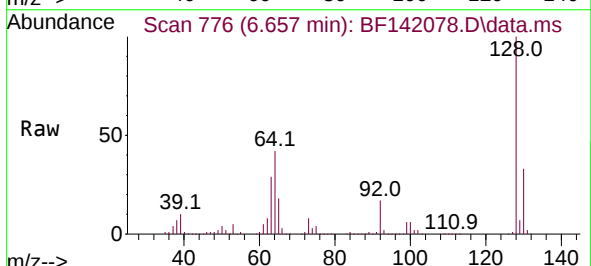
Tgt Ion: 99 Resp: 1418143
Ion Ratio Lower Upper
99 100
42 17.3 14.6 21.8
71 39.0 30.8 46.2

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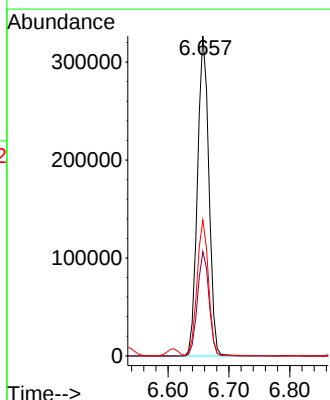
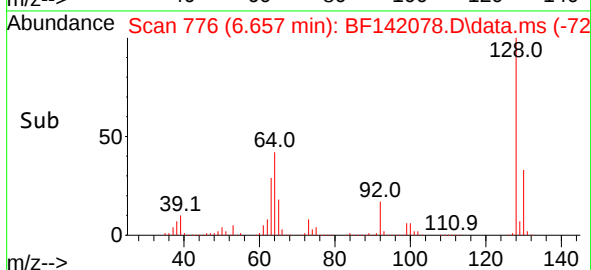
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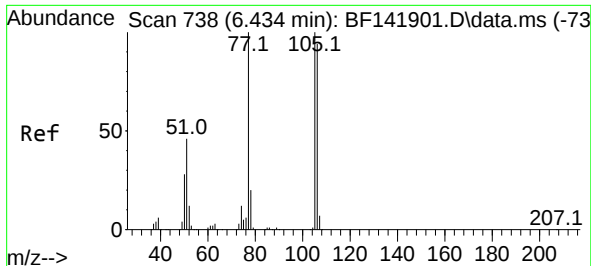


#8
2-Chlorophenol
Concen: 45.570 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.012 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07



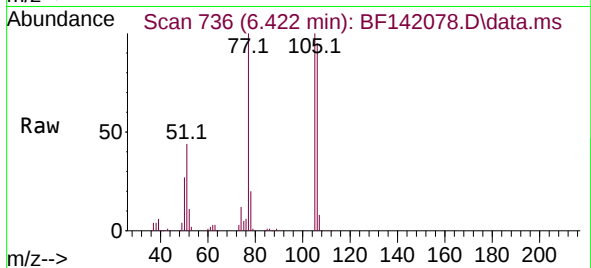
Tgt Ion:128 Resp: 424524
Ion Ratio Lower Upper
128 100
130 32.6 12.8 52.8
64 42.5 24.4 64.4





#9
Benzaldehyde
Concen: 17.098 ng
RT: 6.422 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

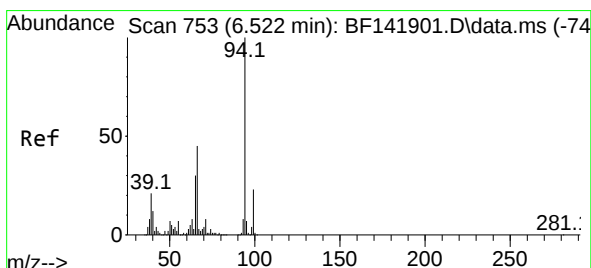
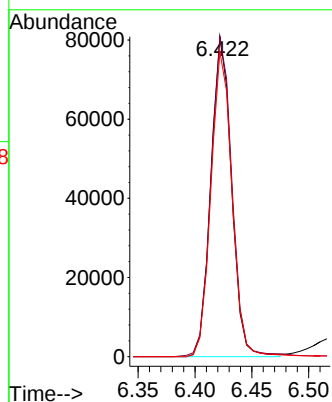
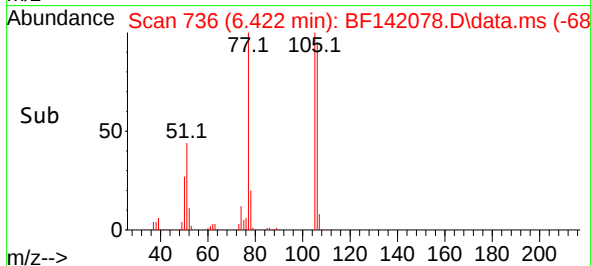
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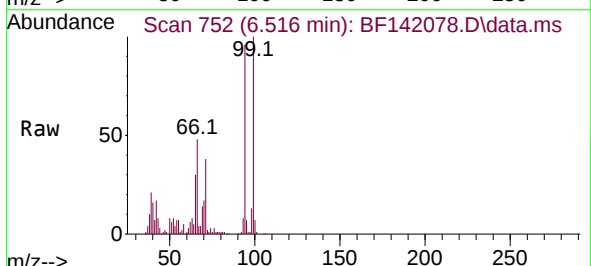
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Ion Ratio Lower Upper
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105 99.8 80.0 120.0
106 95.2 74.5 114.5

Manual Integrations
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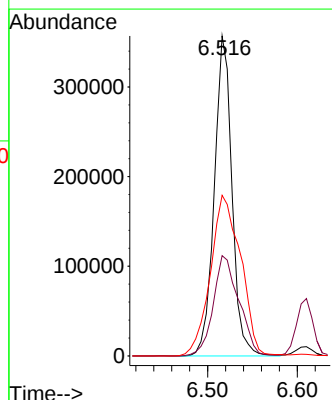
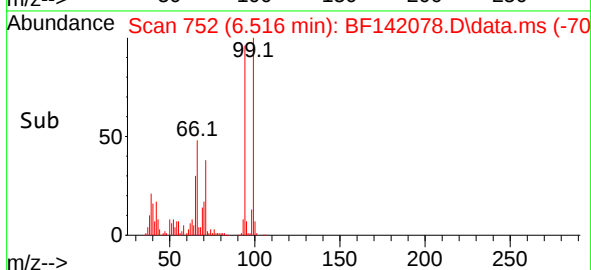
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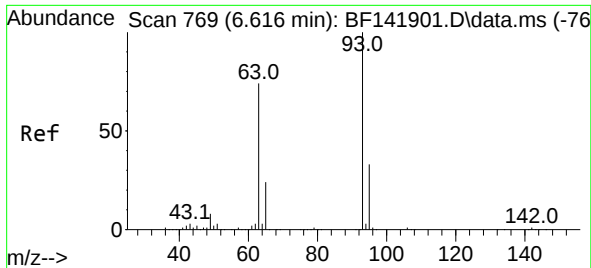


#10
Phenol
Concen: 43.715 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07



Tgt Ion: 94 Resp: 491842
Ion Ratio Lower Upper
94 100
65 31.3 10.5 50.5
66 50.2 25.8 65.8





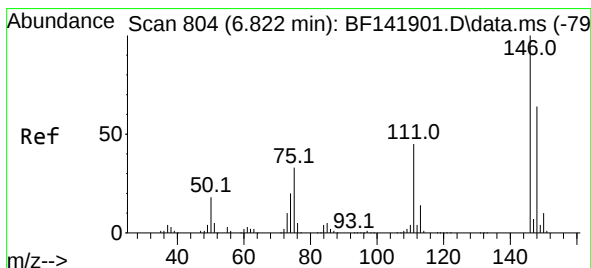
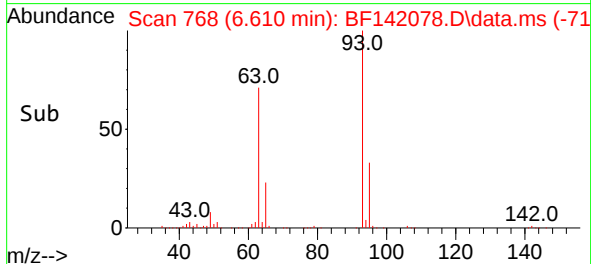
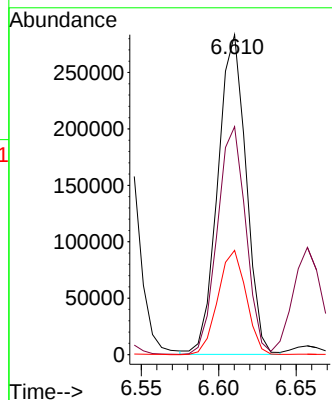
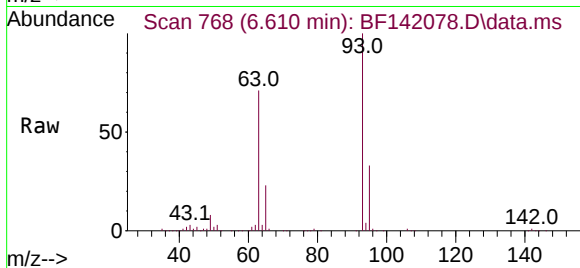
#11
bis(2-Chloroethyl)ether
Concen: 42.697 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

Instrument :
BNA_F
ClientSampleId :
PB167254BS

Tgt Ion: 93 Resp: 360718
Ion Ratio Lower Upper
93 100
63 71.2 53.0 93.0
95 32.6 12.9 52.9

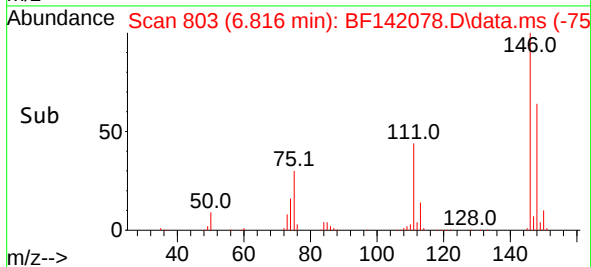
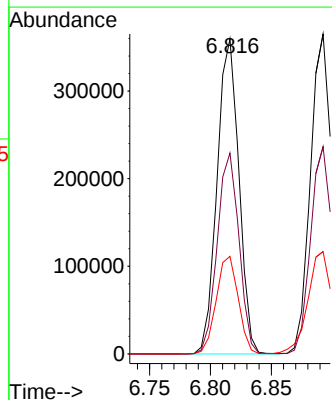
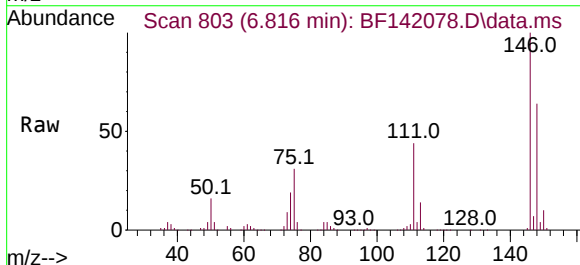
Manual Integrations
APPROVED

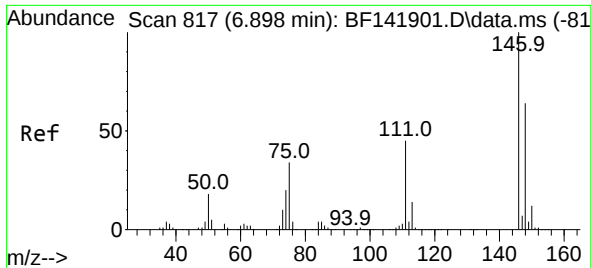
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#12
1,3-Dichlorobenzene
Concen: 44.499 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

Tgt Ion:146 Resp: 447551
Ion Ratio Lower Upper
146 100
148 63.8 51.3 76.9
75 31.0 26.6 40.0





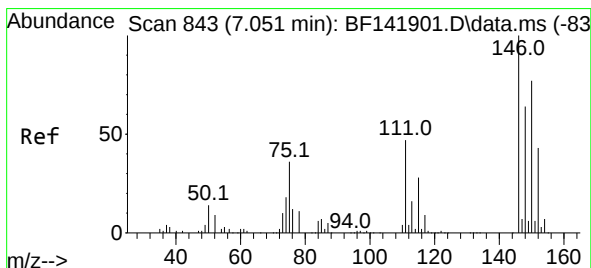
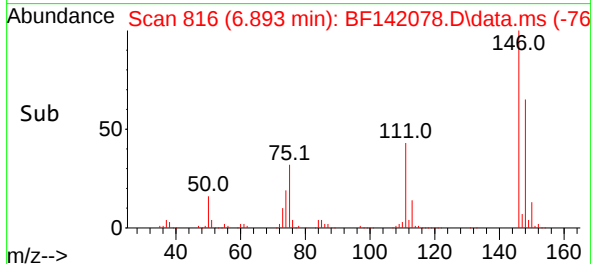
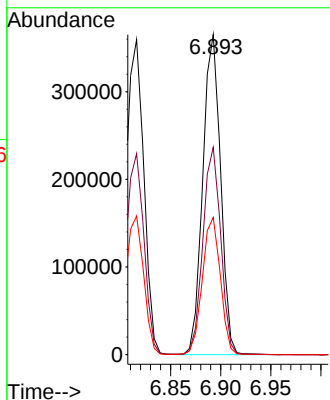
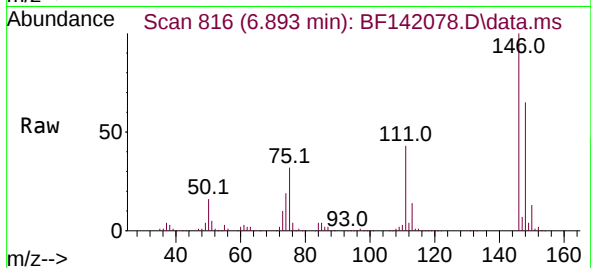
#13
1,4-Dichlorobenzene
Concen: 44.242 ng
RT: 6.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

Instrument :
BNA_F
ClientSampleId :
PB167254BS

Tgt Ion:146 Resp: 450214
Ion Ratio Lower Upper
146 100
148 64.8 51.0 76.6
111 42.9 35.7 53.5

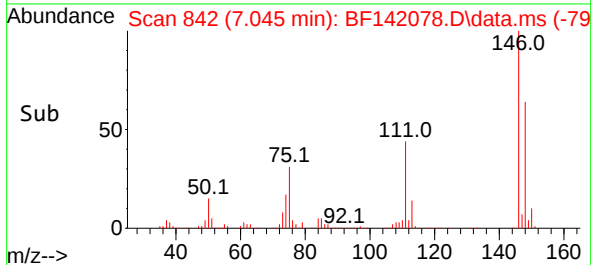
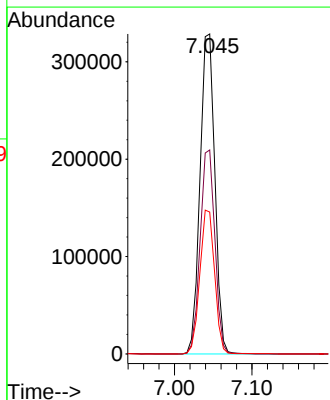
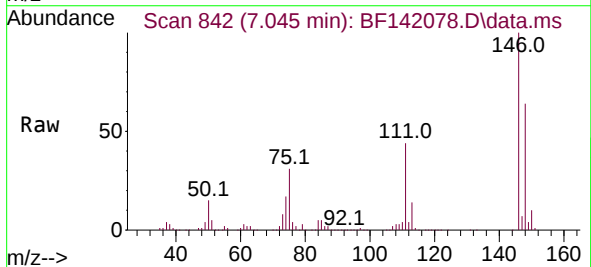
Manual Integrations
APPROVED

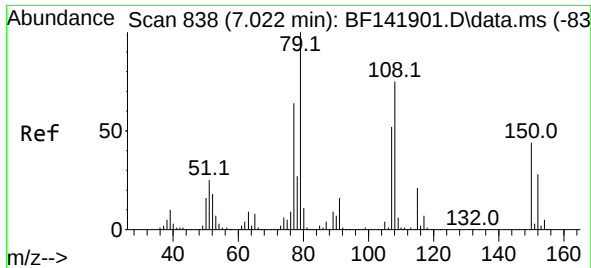
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#14
1,2-Dichlorobenzene
Concen: 45.508 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

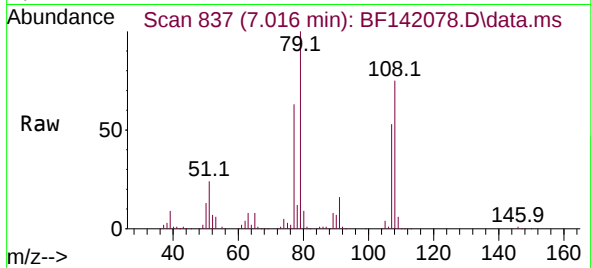
Tgt Ion:146 Resp: 436189
Ion Ratio Lower Upper
146 100
148 63.7 50.8 76.2
111 44.3 38.0 57.0





#15
Benzyl Alcohol
Concen: 42.120 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

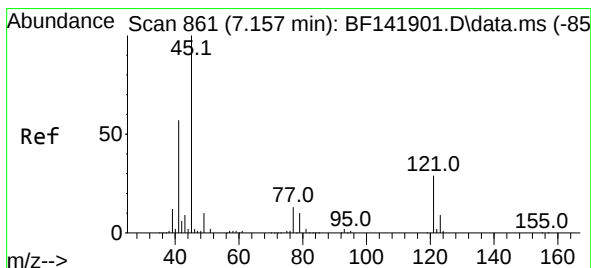
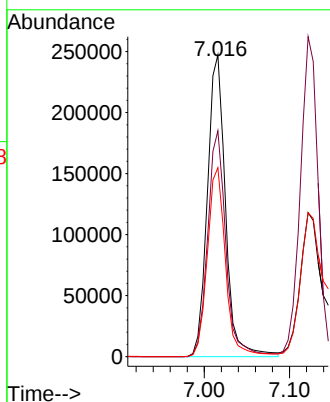
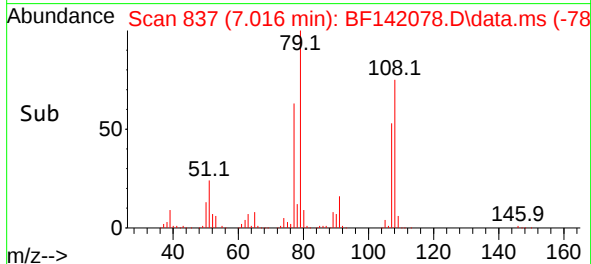
Instrument :
BNA_F
ClientSampleId :
PB167254BS



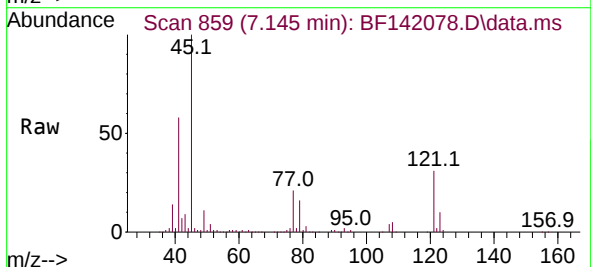
Tgt Ion: 79 Resp: 364176
Ion Ratio Lower Upper
79 100
108 74.9 59.7 89.5
77 62.6 51.0 76.6

Manual Integrations
APPROVED

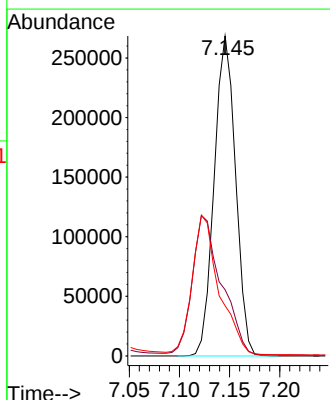
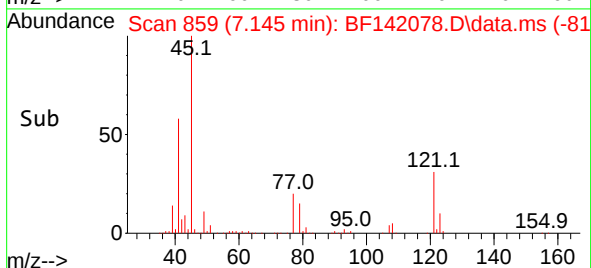
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

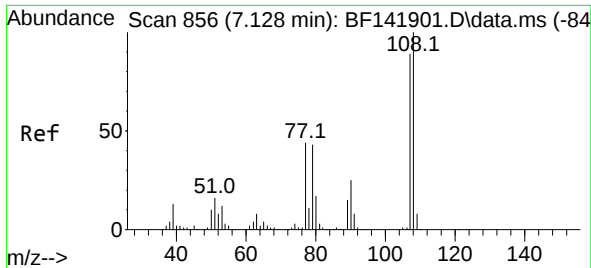


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.052 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.012 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07



Tgt Ion: 45 Resp: 398307
Ion Ratio Lower Upper
45 100
77 20.7 0.0 37.8
79 15.7 0.0 34.2





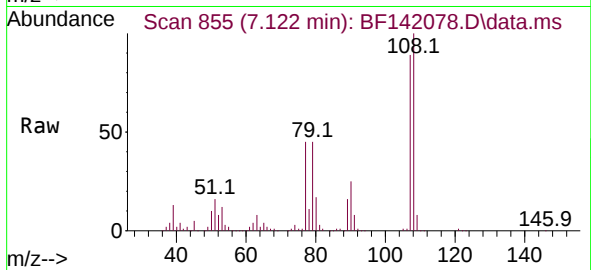
#17
2-Methylphenol
Concen: 45.752 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

Instrument :

BNA_F

ClientSampleId :

PB167254BS

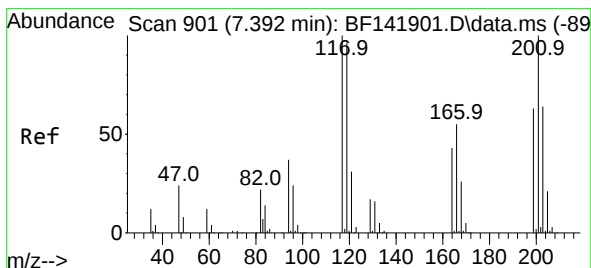
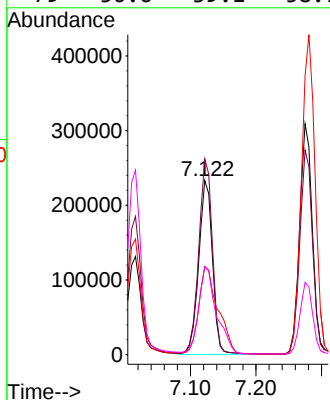
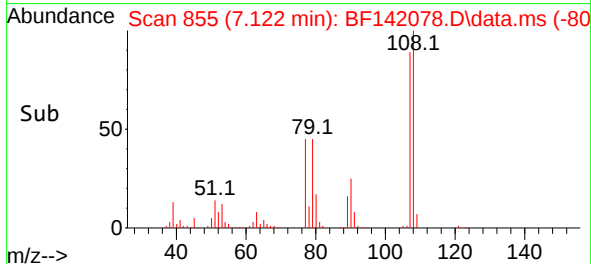


Tgt Ion:107 Resp: 338893
Ion Ratio Lower Upper
107 100
108 112.5 90.2 135.2
77 50.6 39.6 59.4
79 50.6 39.1 58.7

Manual Integrations

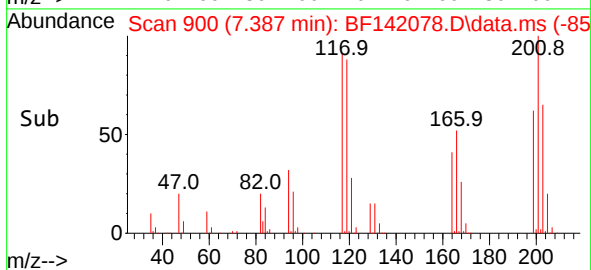
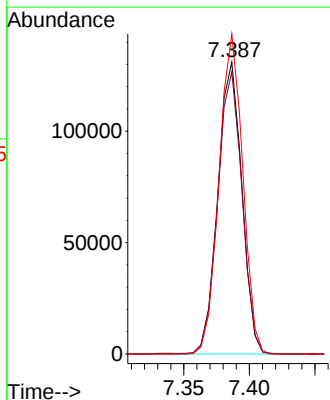
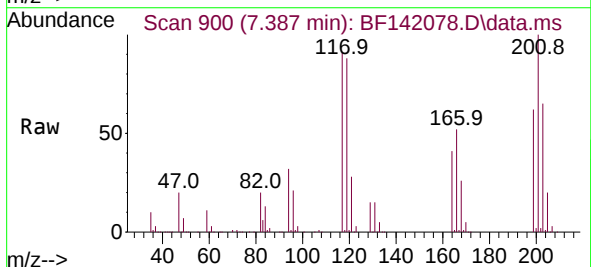
APPROVED

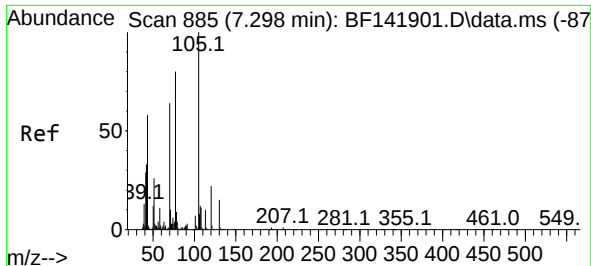
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#18
Hexachloroethane
Concen: 43.741 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

Tgt Ion:117 Resp: 166914
Ion Ratio Lower Upper
117 100
119 96.7 76.9 115.3
201 109.7 79.9 119.9





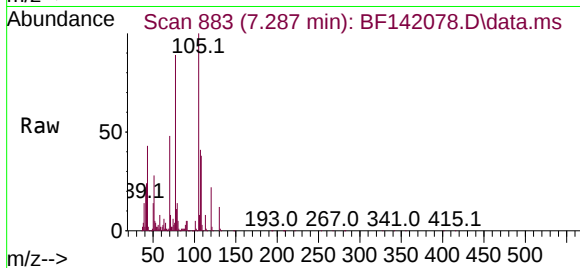
#19
n-Nitroso-di-n-propylamine
Concen: 40.472 ng
RT: 7.287 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

Instrument :

BNA_F

ClientSampleId :

PB167254BS

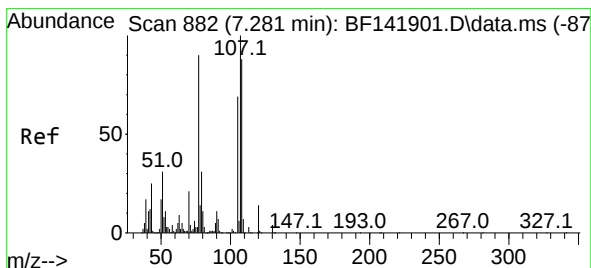
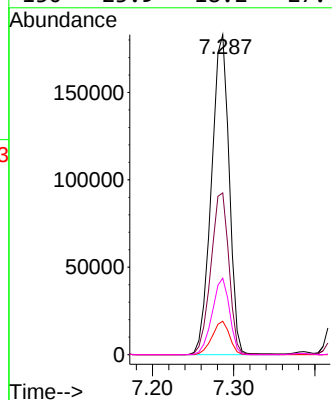
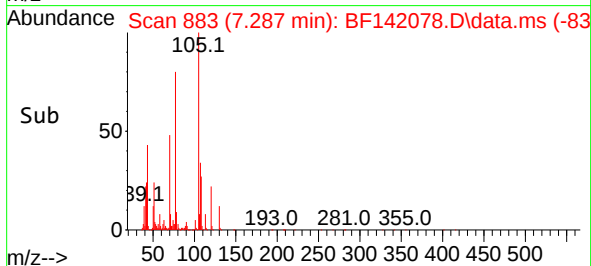


Tgt Ion: 70 Resp: 278124
Ion Ratio Lower Upper
70 100
42 50.5 41.4 62.0
101 10.4 8.2 12.2
130 23.9 18.2 27.4

Manual Integrations

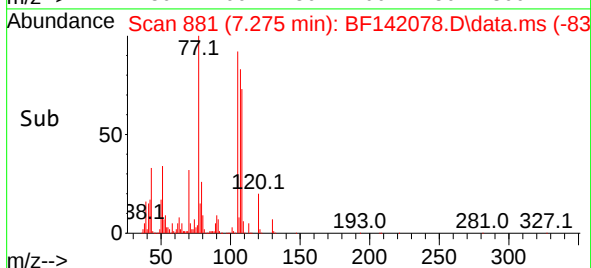
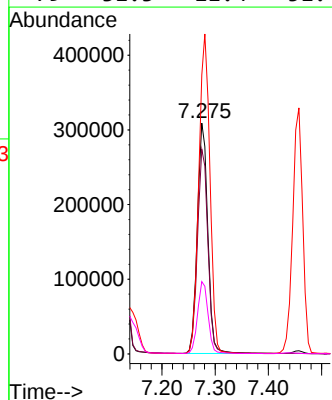
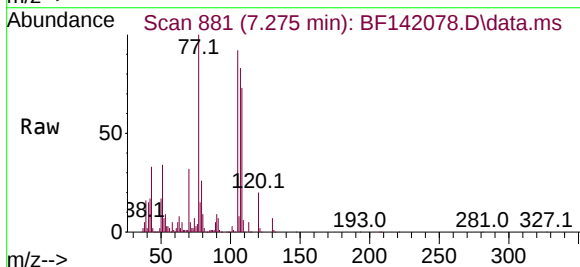
APPROVED

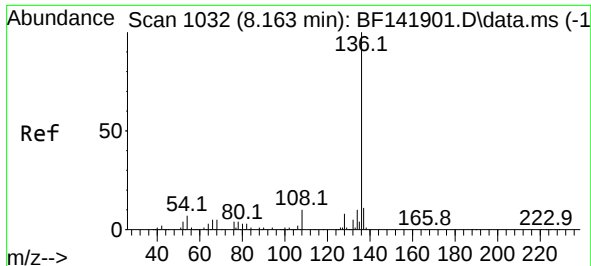
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#20
3+4-Methylphenols
Concen: 44.541 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

Tgt Ion:107 Resp: 422589
Ion Ratio Lower Upper
107 100
108 88.6 68.4 108.4
77 120.8 69.7 109.7#
79 31.3 11.4 51.4





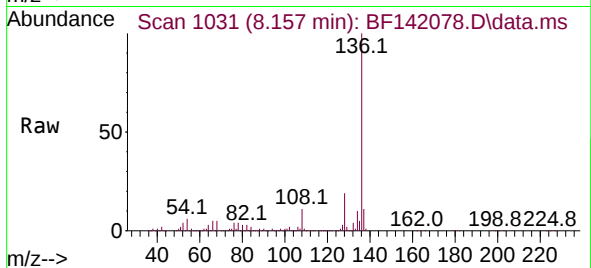
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

Instrument :

BNA_F

ClientSampleId :

PB167254BS

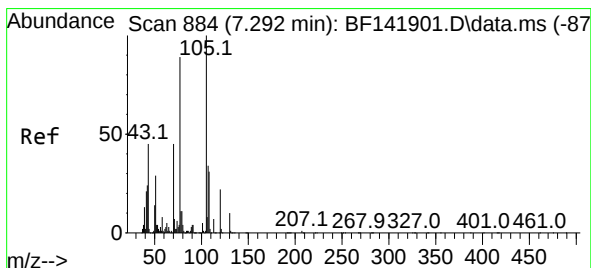
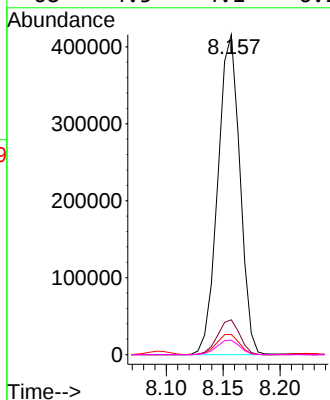
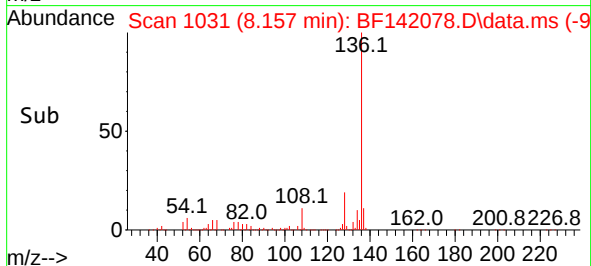


Tgt Ion:136 Resp: 560217
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.3 5.8 8.8
68 4.5 4.1 6.1

Manual Integrations

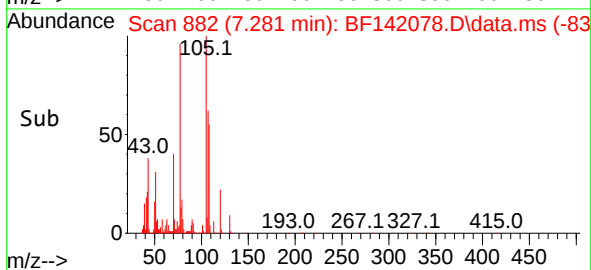
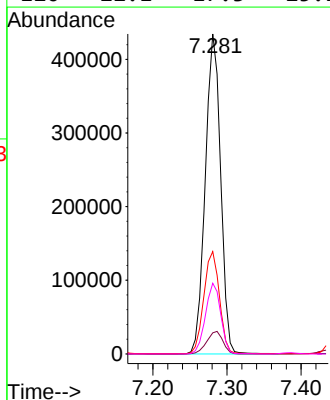
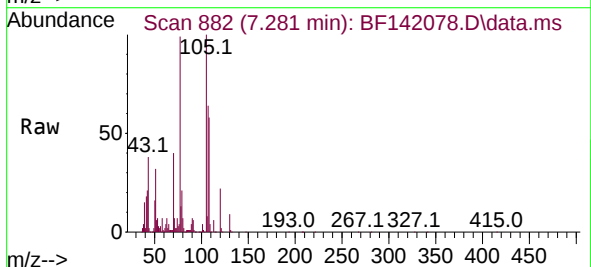
APPROVED

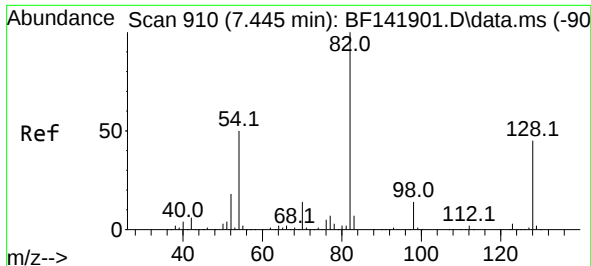
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#22
Acetophenone
Concen: 46.557 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

Tgt Ion:105 Resp: 624598
Ion Ratio Lower Upper
105 100
71 6.6 5.8 8.8
51 32.0 23.4 35.0
120 22.1 17.3 25.9





#23

Nitrobenzene-d5

Concen: 94.709 ng

RT: 7.440 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF142078.D

Acq: 25 Mar 2025 15:07

Instrument :

BNA_F

ClientSampleId :

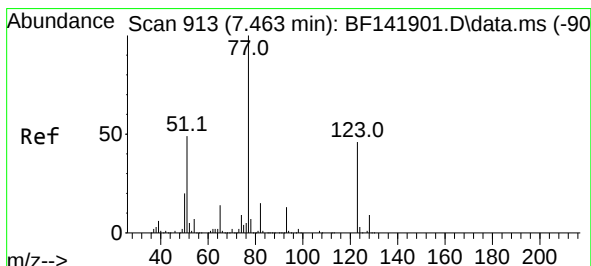
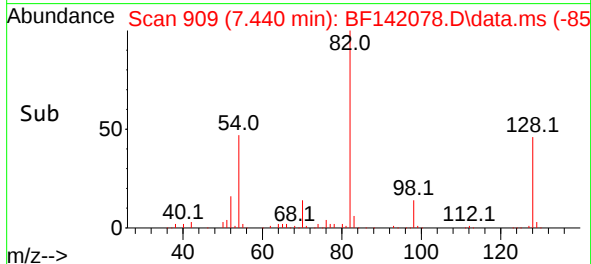
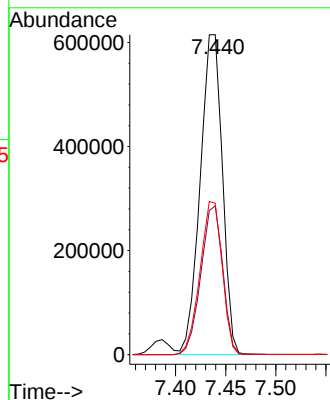
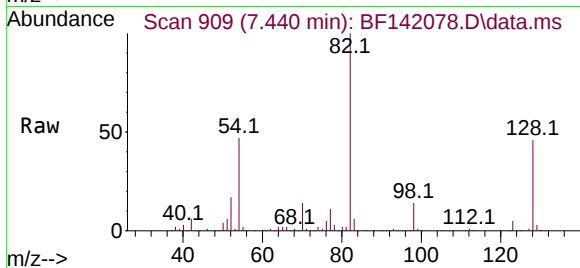
PB167254BS

Tgt Ion: 82	Resp: 942813
Ion Ratio	Lower Upper
82 100	
128 46.5	36.0 54.0
54 47.3	39.6 59.4

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 43.226 ng

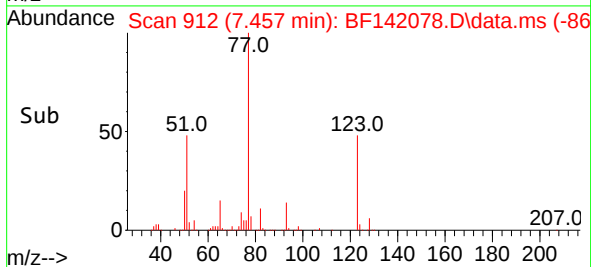
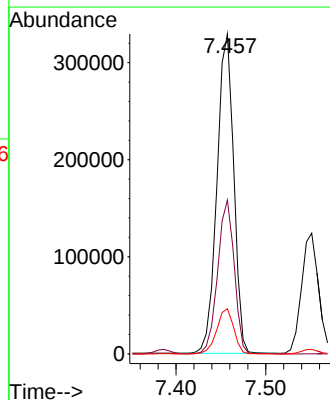
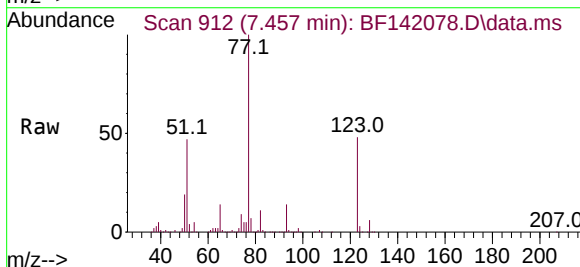
RT: 7.457 min Scan# 912

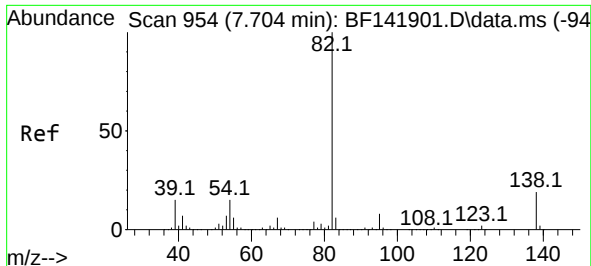
Delta R.T. -0.006 min

Lab File: BF142078.D

Acq: 25 Mar 2025 15:07

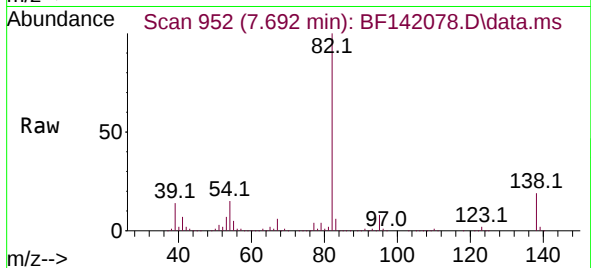
Tgt Ion: 77	Resp: 427778
Ion Ratio	Lower Upper
77 100	
123 48.1	37.0 55.4
65 14.1	11.3 16.9





#25
Isophorone
Concen: 44.444 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

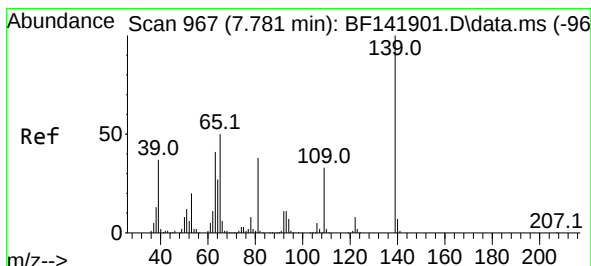
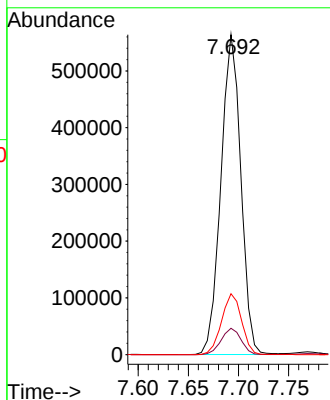
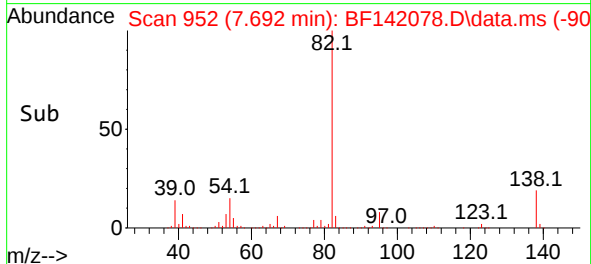
Instrument :
BNA_F
ClientSampleId :
PB167254BS



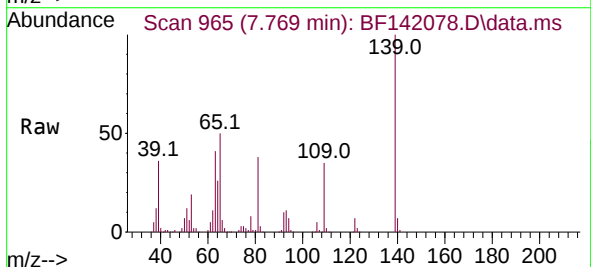
Tgt Ion: 82 Resp: 782075
Ion Ratio Lower Upper
82 100
95 8.3 6.4 9.6
138 19.1 14.9 22.3

Manual Integrations
APPROVED

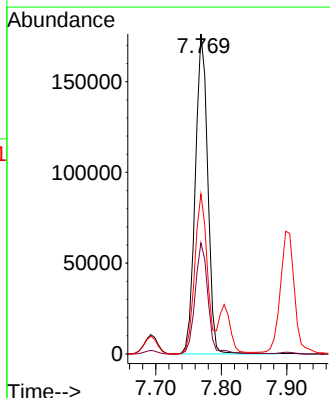
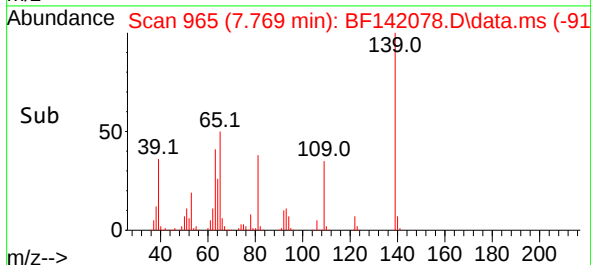
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

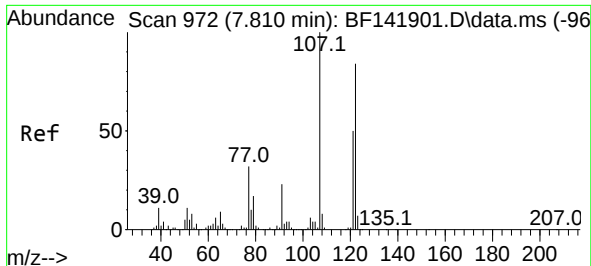


#26
2-Nitrophenol
Concen: 47.785 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.012 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07



Tgt Ion:139 Resp: 232098
Ion Ratio Lower Upper
139 100
109 34.7 26.5 39.7
65 50.0 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 54.789 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142078.D

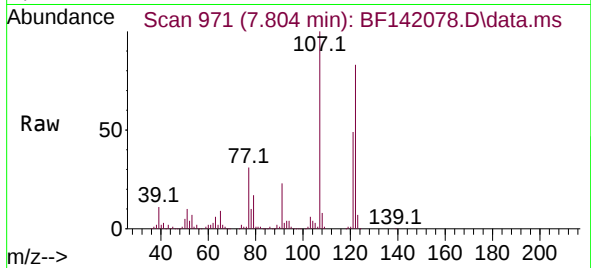
Acq: 25 Mar 2025 15:07

Instrument :

BNA_F

ClientSampleId :

PB167254BS



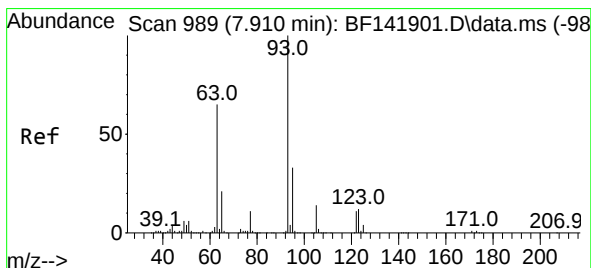
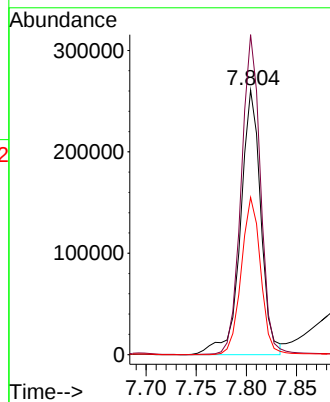
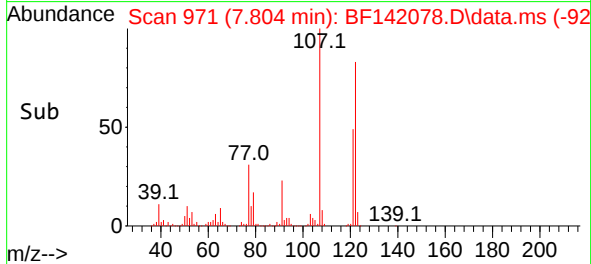
Tgt Ion	Ratio	Lower	Upper
122	100		
107	120.9	94.8	142.2
121	59.4	47.8	71.6

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/26/2025

Supervised By :Jagrut Upadhyay 03/26/2025



#28

bis(2-Chloroethoxy)methane

Concen: 42.211 ng

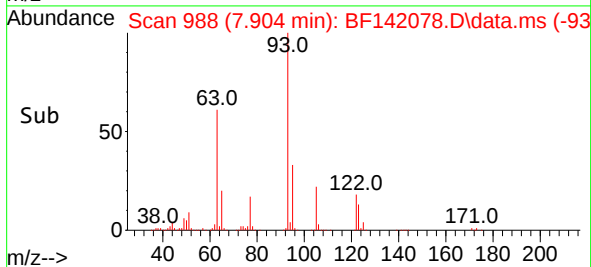
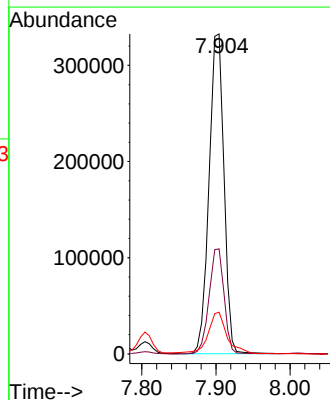
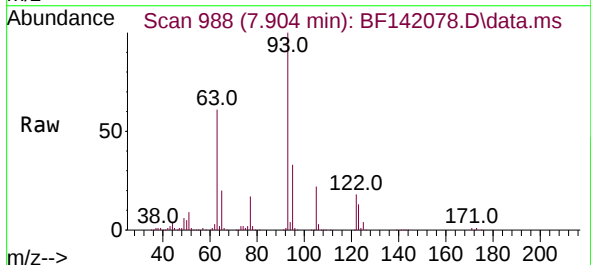
RT: 7.904 min Scan# 988

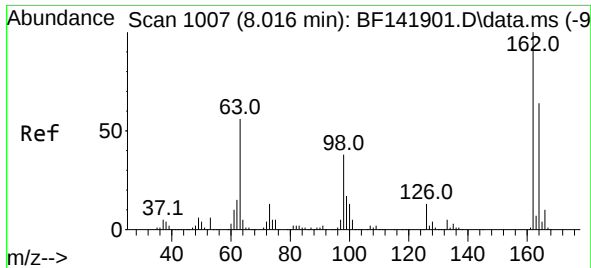
Delta R.T. -0.006 min

Lab File: BF142078.D

Acq: 25 Mar 2025 15:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.6	40.0
123	13.0	10.2	15.4





#29

2,4-Dichlorophenol

Concen: 45.687 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF142078.D

Acq: 25 Mar 2025 15:07

Instrument :

BNA_F

ClientSampleId :

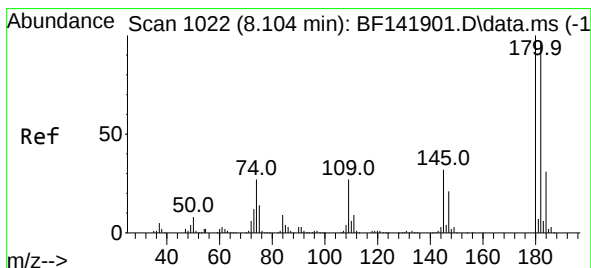
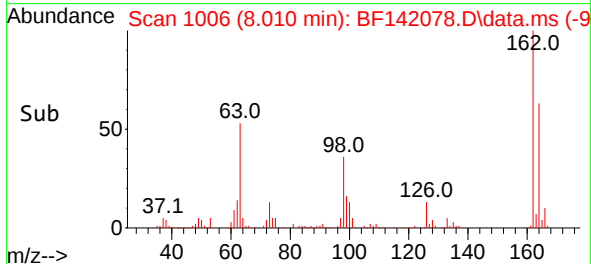
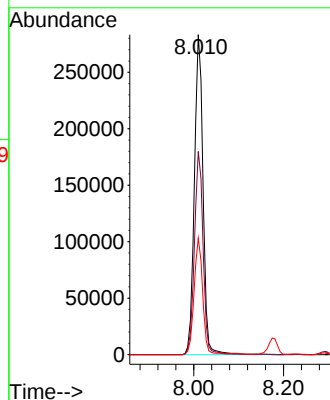
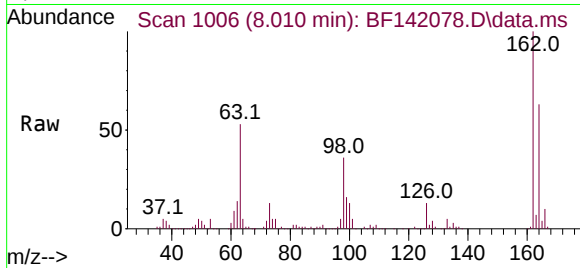
PB167254BS

Tgt Ion:162 Resp: 379264
 Ion Ratio Lower Upper
 162 100
 164 63.5 43.8 83.8
 98 36.4 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: 44.067 ng

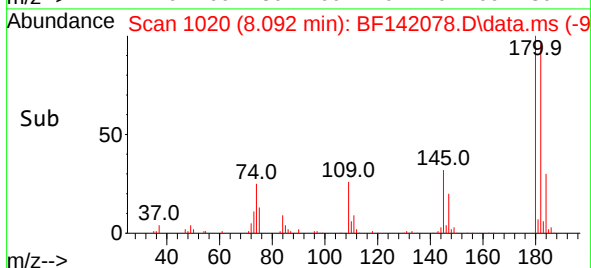
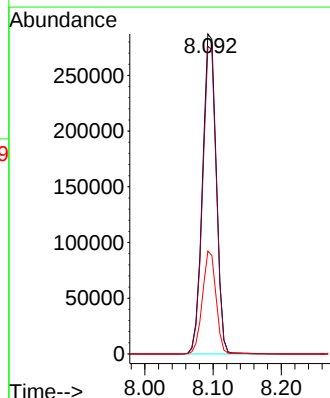
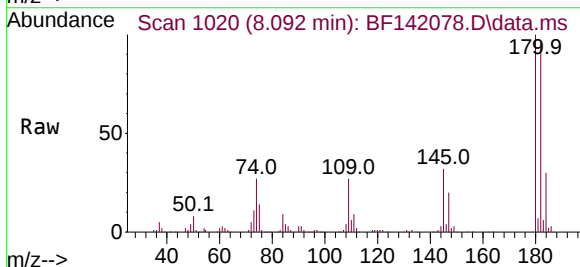
RT: 8.092 min Scan# 1020

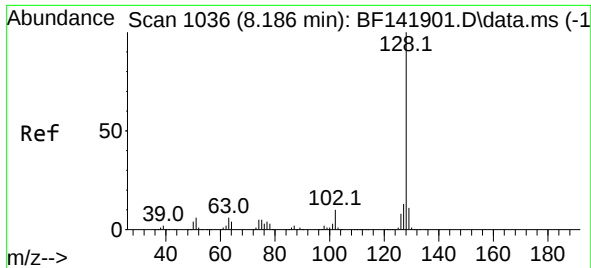
Delta R.T. -0.012 min

Lab File: BF142078.D

Acq: 25 Mar 2025 15:07

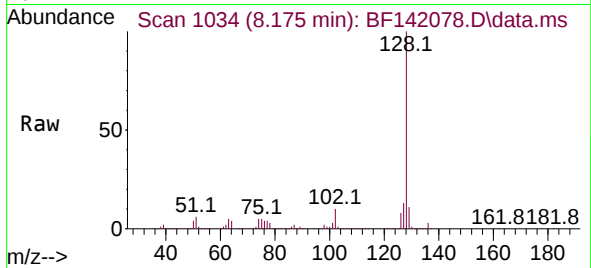
Tgt Ion:180 Resp: 403139
 Ion Ratio Lower Upper
 180 100
 182 96.1 77.5 116.3
 145 32.1 25.8 38.6





#31
Naphthalene
Concen: 42.776 ng
RT: 8.175 min Scan# 1036
Delta R.T. -0.012 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

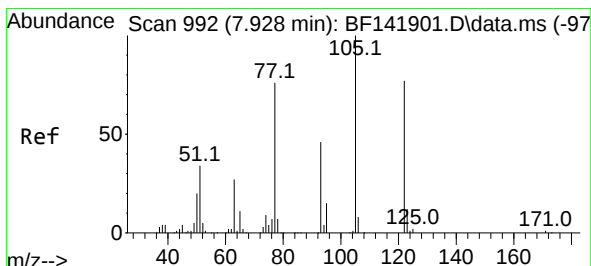
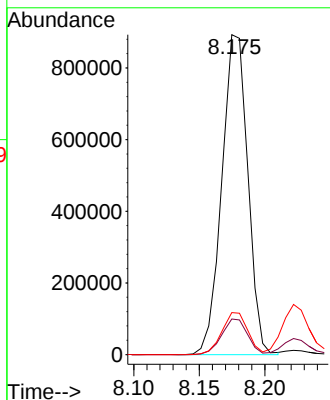
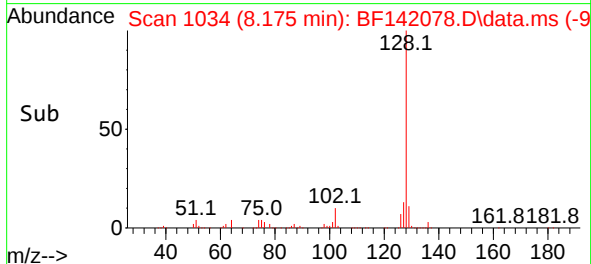
Instrument :
BNA_F
ClientSampleId :
PB167254BS



Tgt Ion:128 Resp: 123099
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.1 10.8 16.2

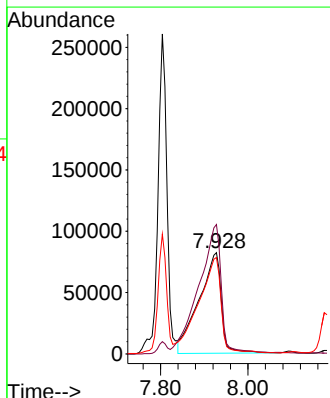
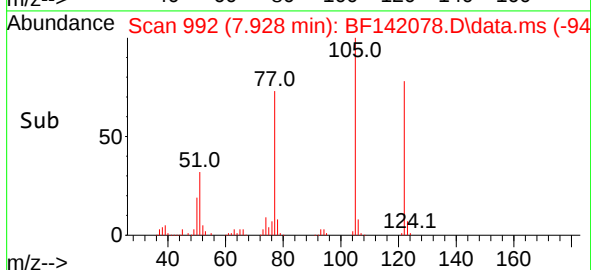
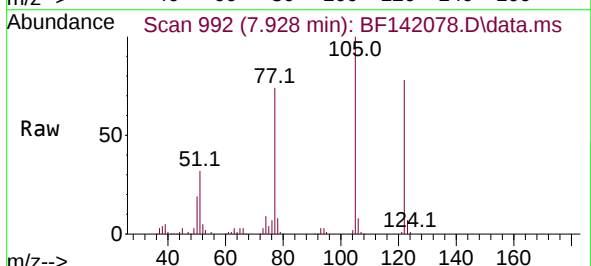
Manual Integrations
APPROVED

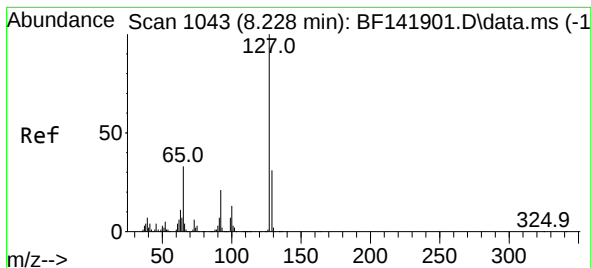
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#32
Benzoic acid
Concen: 49.717 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.000 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

Tgt Ion:122 Resp: 292285
Ion Ratio Lower Upper
122 100
105 127.8 107.9 147.9
77 95.2 79.0 119.0





#33
4-Chloroaniline
Concen: 20.109 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

Instrument :

BNA_F

ClientSampleId :

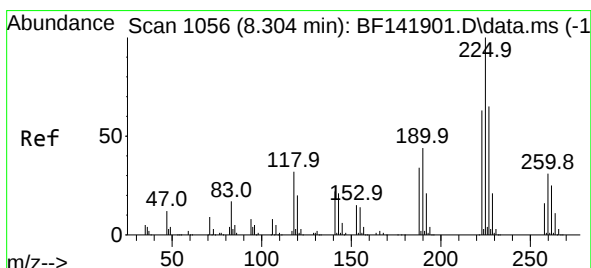
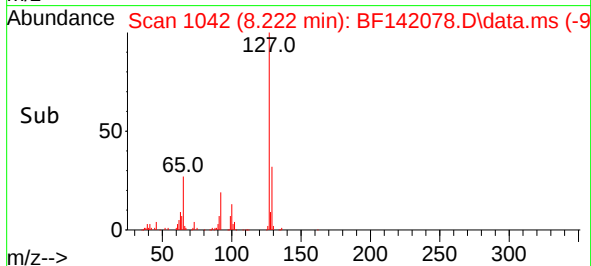
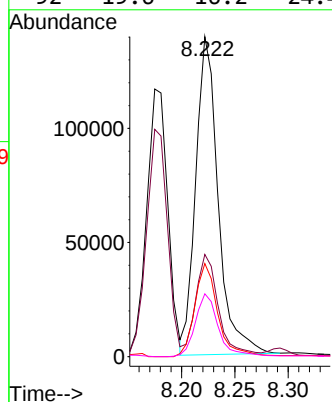
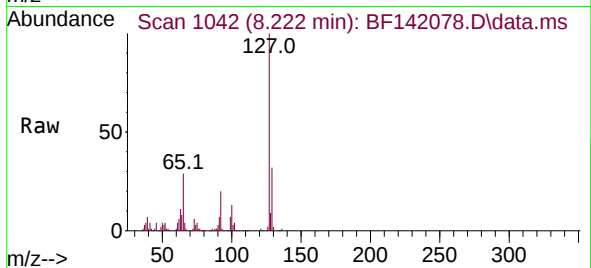
PB167254BS

Tgt Ion:127 Resp: 204286
Ion Ratio Lower Upper
127 100
129 31.9 26.2 39.4
65 29.1 25.4 38.2
92 19.6 16.2 24.4

Manual Integrations

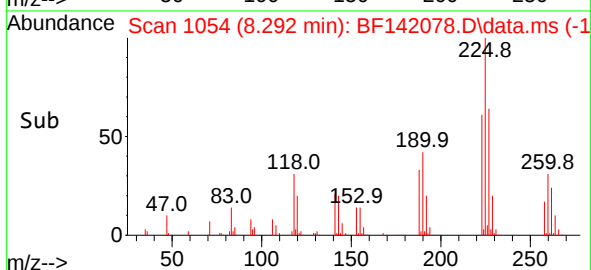
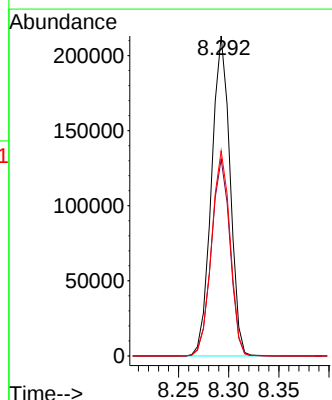
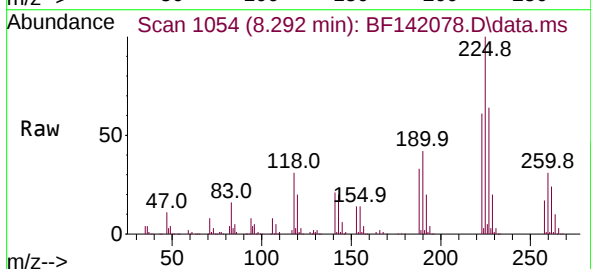
APPROVED

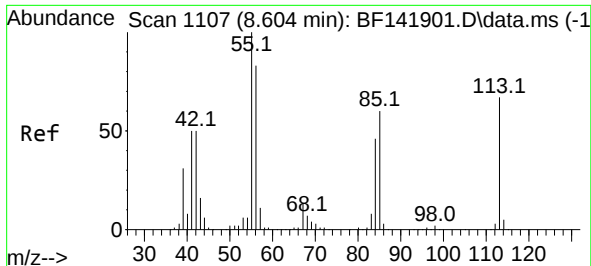
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#34
Hexachlorobutadiene
Concen: 45.736 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.012 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

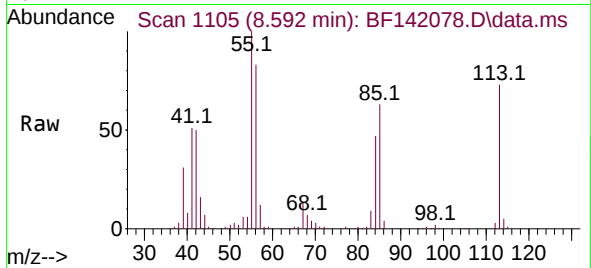
Tgt Ion:225 Resp: 272869
Ion Ratio Lower Upper
225 100
223 61.5 50.6 75.8
227 64.1 52.2 78.2





#35
Caprolactam
Concen: 52.009 ng m
RT: 8.592 min Scan# 1105
Delta R.T. -0.012 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

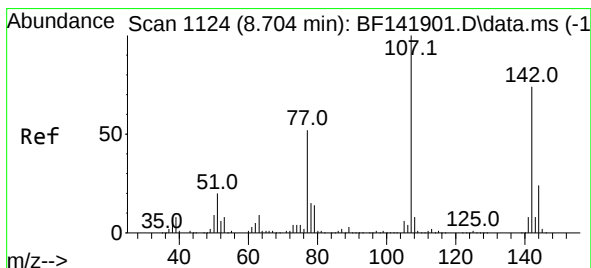
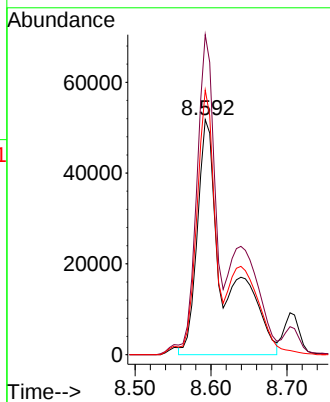
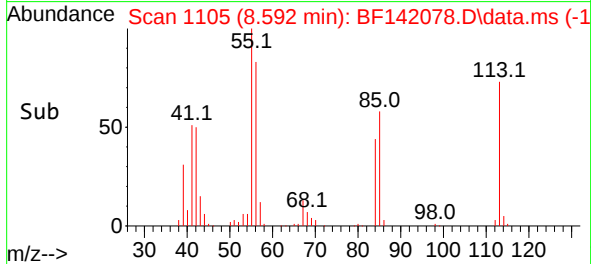
Instrument :
BNA_F
ClientSampleId :
PB167254BS



Tgt Ion:113 Resp: 131629
Ion Ratio Lower Upper
113 100
55 136.2 129.6 169.6
56 112.6 104.0 144.0

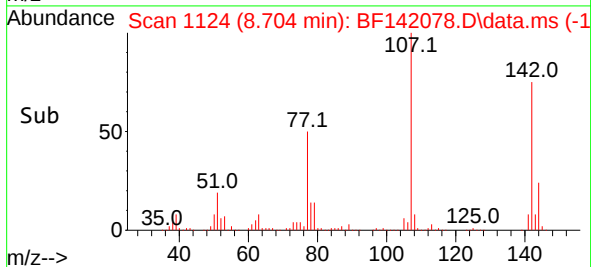
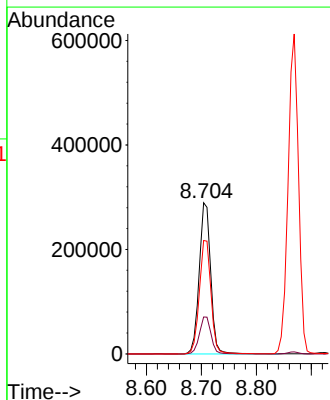
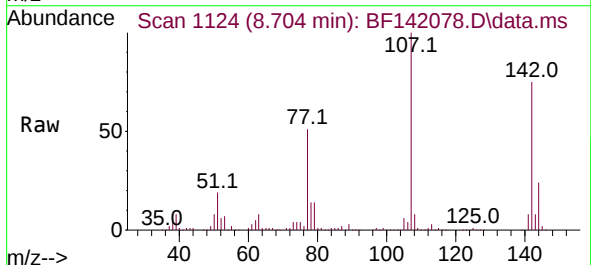
Manual Integrations
APPROVED

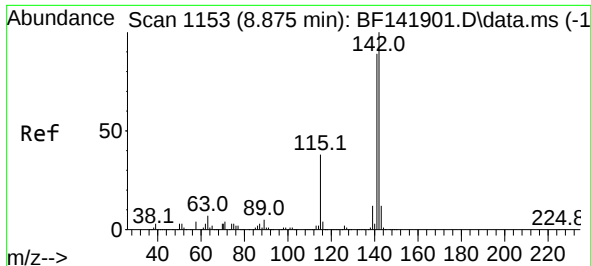
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#36
4-Chloro-3-methylphenol
Concen: 45.225 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

Tgt Ion:107 Resp: 418800
Ion Ratio Lower Upper
107 100
144 24.4 19.0 28.6
142 75.0 59.2 88.8





#37

2-Methylnaphthalene

Concen: 41.926 ng

RT: 8.869 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF142078.D

Acq: 25 Mar 2025 15:07

Instrument :

BNA_F

ClientSampleId :

PB167254BS

Tgt Ion:142 Resp: 80645

Ion Ratio Lower Upper

142 100

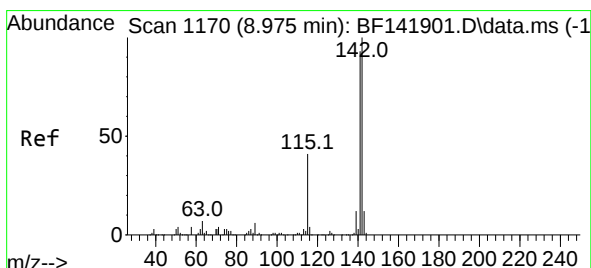
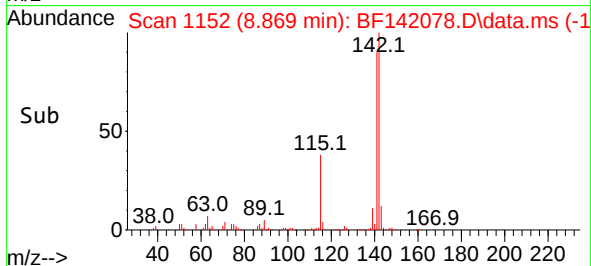
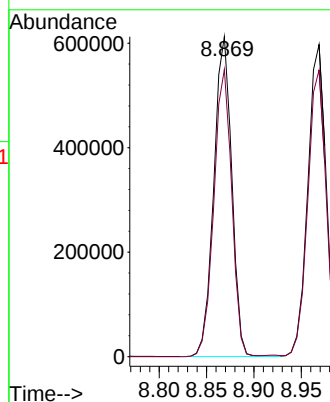
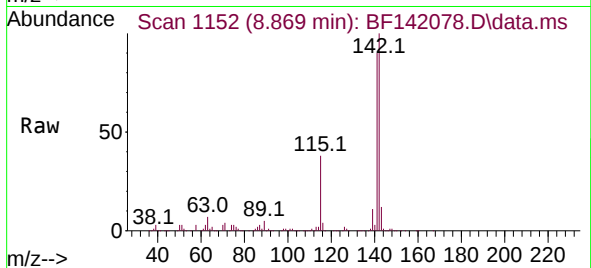
141 89.7 71.2 106.8

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/26/2025

Supervised By :Jagrut Upadhyay 03/26/2025



#38

1-Methylnaphthalene

Concen: 42.756 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF142078.D

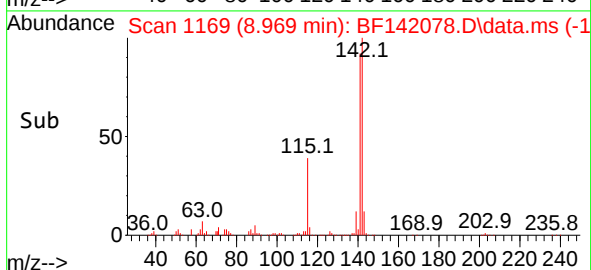
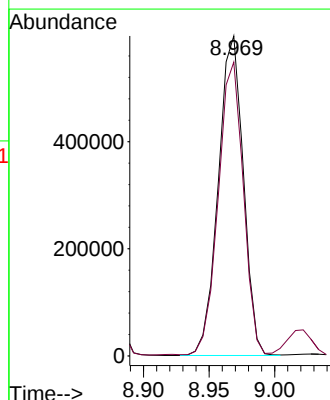
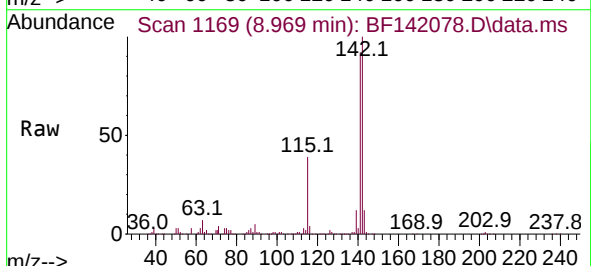
Acq: 25 Mar 2025 15:07

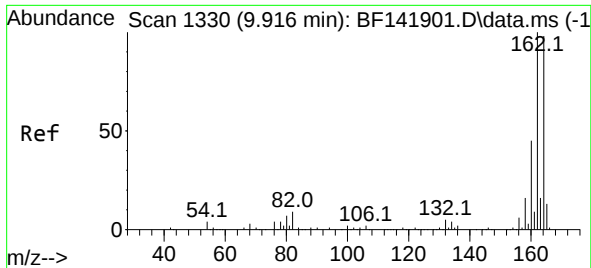
Tgt Ion:142 Resp: 793632

Ion Ratio Lower Upper

142 100

141 91.8 74.2 111.4





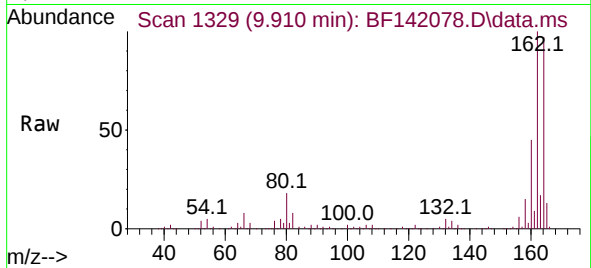
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

Instrument :

BNA_F

ClientSampleId :

PB167254BS

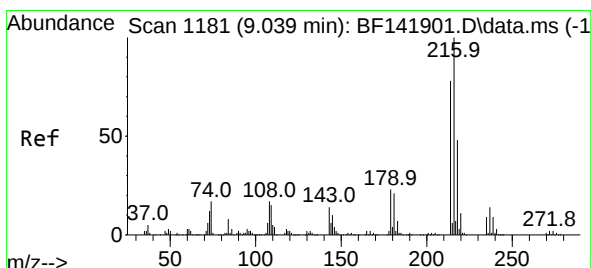
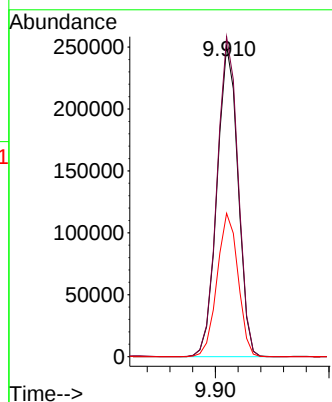
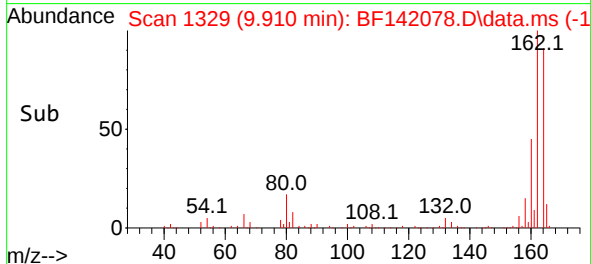


Tgt Ion:164 Resp: 321531
Ion Ratio Lower Upper
164 100
162 102.9 81.8 122.6
160 46.1 36.7 55.1

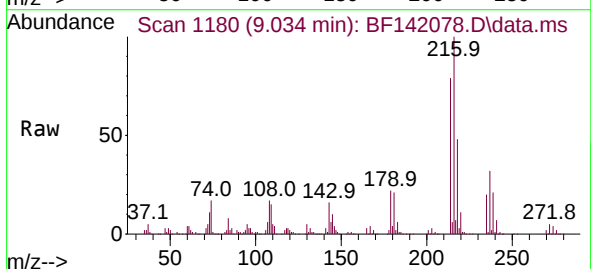
Manual Integrations

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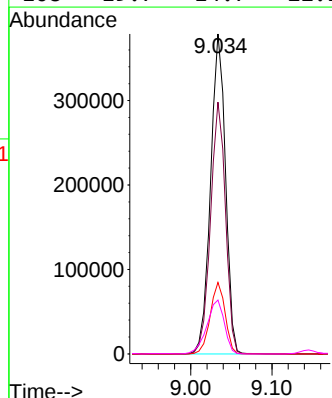
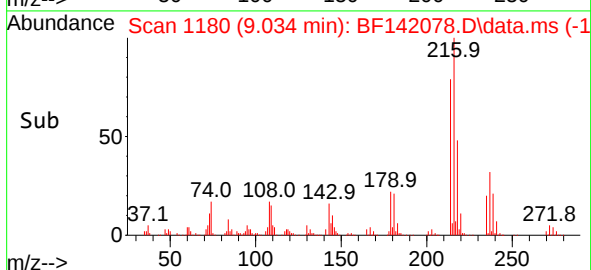
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

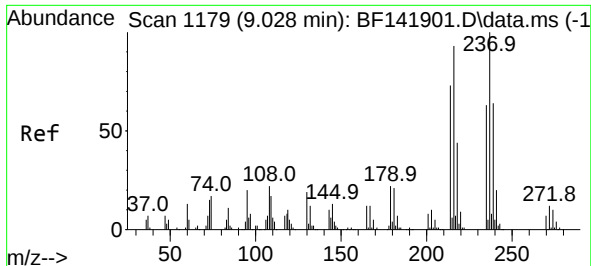


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.525 ng
RT: 9.034 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07



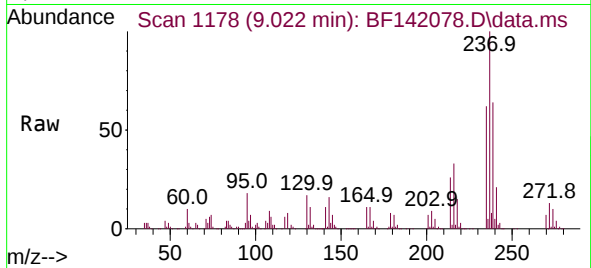
Tgt Ion:216 Resp: 484815
Ion Ratio Lower Upper
216 100
214 78.8 61.9 92.9
179 22.2 18.1 27.1
108 19.7 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 149.611 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

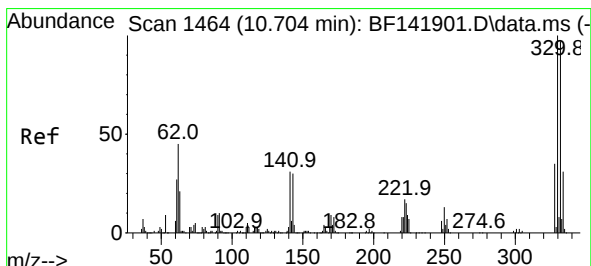
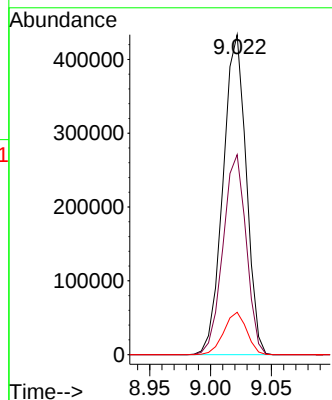
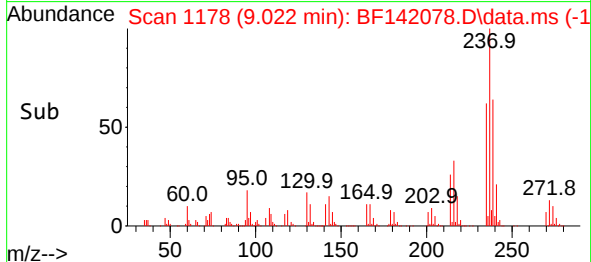
Instrument :
BNA_F
ClientSampleId :
PB167254BS



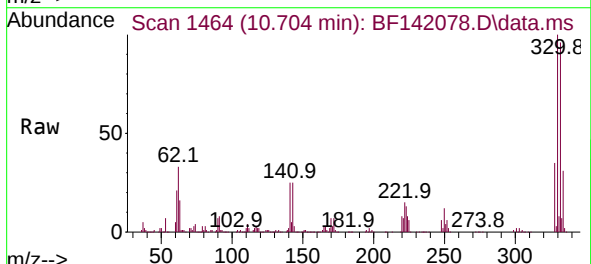
Tgt Ion:237 Resp: 57318
Ion Ratio Lower Upper
237 100
235 62.5 43.1 83.1
272 13.2 0.0 32.0

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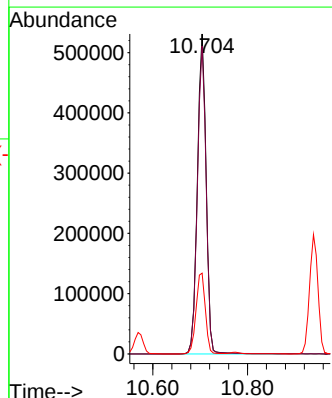
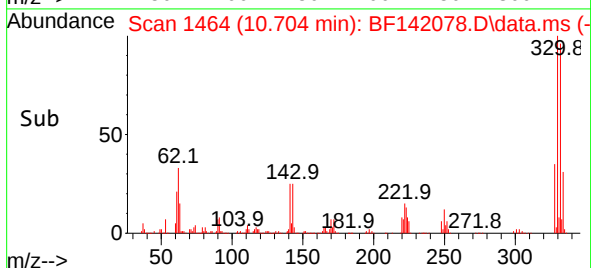
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

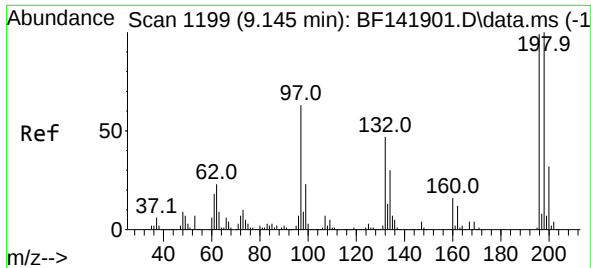


#42
2,4,6-Tribromophenol
Concen: 166.977 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07



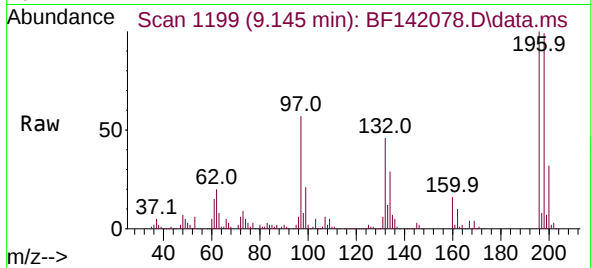
Tgt Ion:330 Resp: 681106
Ion Ratio Lower Upper
330 100
332 96.5 77.6 116.4
141 26.9 24.7 37.1





#43
 2,4,6-Trichlorophenol
 Concen: 47.458 ng
 RT: 9.145 min Scan# 1199
 Delta R.T. 0.000 min
 Lab File: BF142078.D
 Acq: 25 Mar 2025 15:07

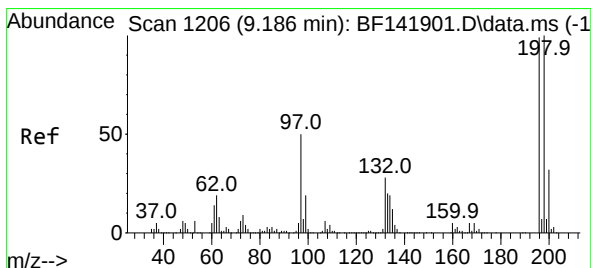
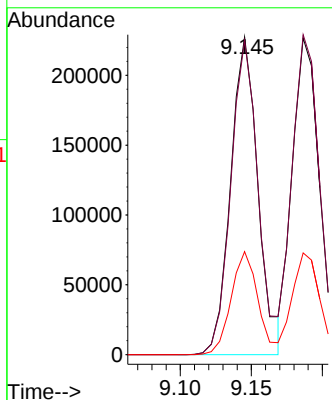
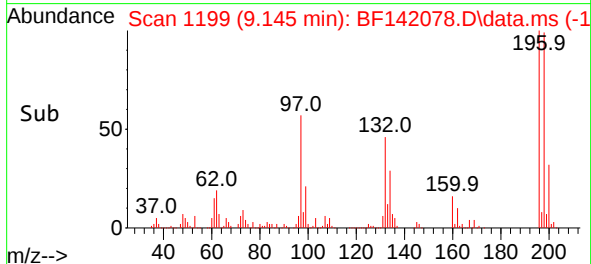
Instrument :
 BNA_F
 ClientSampleId :
 PB167254BS



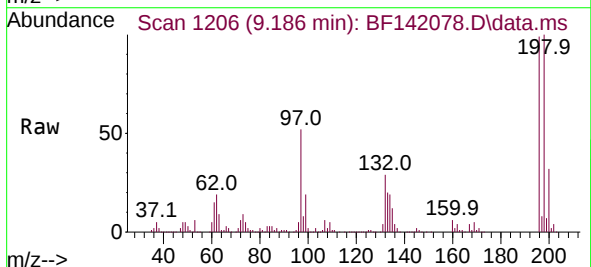
Tgt Ion:196 Resp: 303620
 Ion Ratio Lower Upper
 196 100
 198 99.0 80.6 121.0
 200 32.4 25.8 38.6

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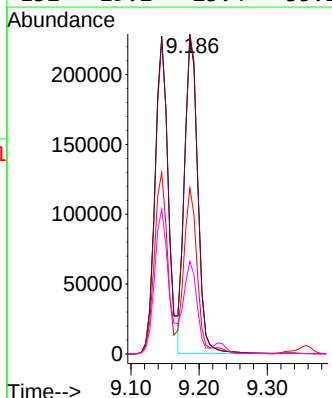
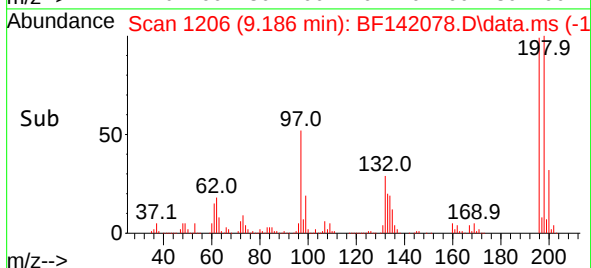
Reviewed By :Anahy Claudio 03/26/2025
 Supervised By :Jagrut Upadhyay 03/26/2025

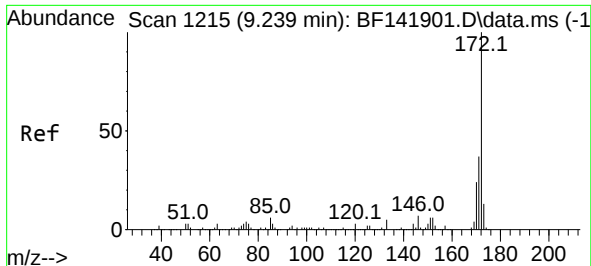


#44
 2,4,5-Trichlorophenol
 Concen: 47.315 ng
 RT: 9.186 min Scan# 1206
 Delta R.T. 0.000 min
 Lab File: BF142078.D
 Acq: 25 Mar 2025 15:07



Tgt Ion:196 Resp: 306584
 Ion Ratio Lower Upper
 196 100
 198 101.1 80.7 121.1
 97 52.4 42.1 63.1
 132 29.2 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 95.507 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF142078.D

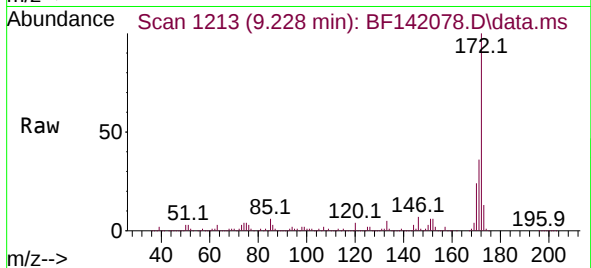
Acq: 25 Mar 2025 15:07

Instrument :

BNA_F

ClientSampleId :

PB167254BS



Tgt Ion:172 Resp: 2019216

Ion Ratio Lower Upper

172 100

171 36.3 29.3 43.9

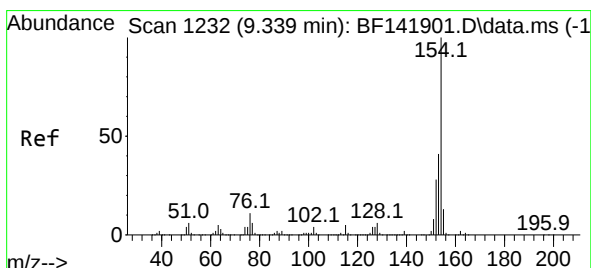
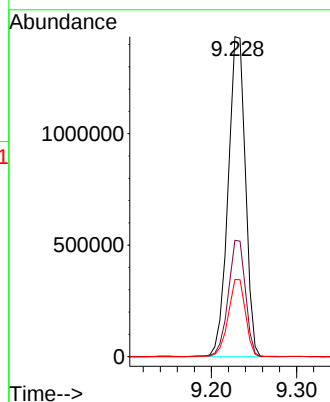
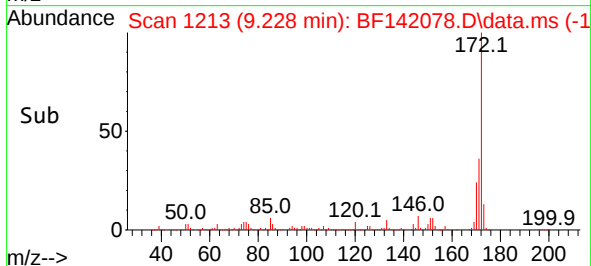
170 24.1 19.4 29.0

Manual Integrations

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Reviewed By :Anahy Claudio 03/26/2025

Supervised By :Jagrut Upadhyay 03/26/2025



#46

1,1'-Biphenyl

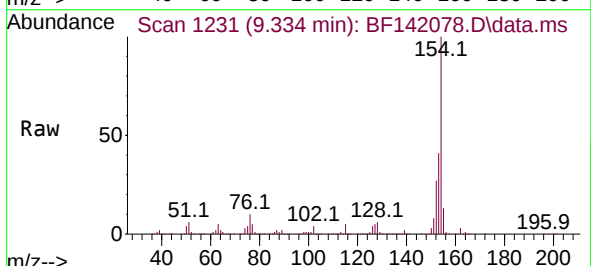
Concen: 47.943 ng

RT: 9.334 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF142078.D

Acq: 25 Mar 2025 15:07



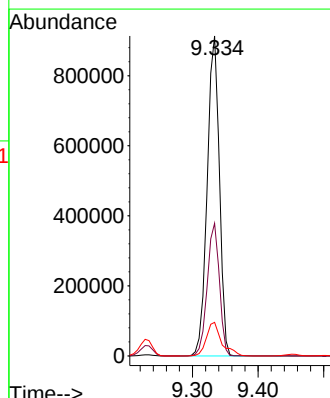
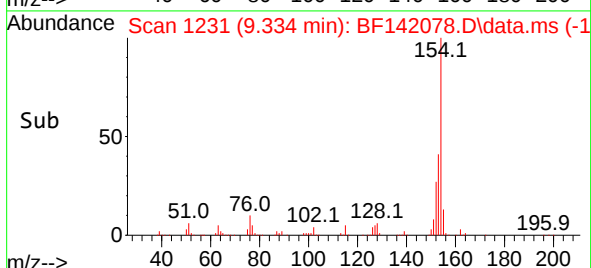
Tgt Ion:154 Resp: 1171276

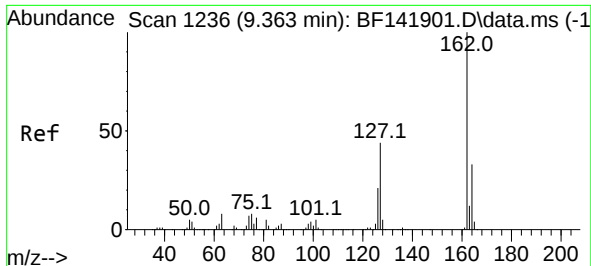
Ion Ratio Lower Upper

154 100

153 41.4 21.1 61.1

76 10.5 0.0 31.3





#47

2-Chloronaphthalene

Concen: 45.282 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF142078.D

Acq: 25 Mar 2025 15:07

Instrument :

BNA_F

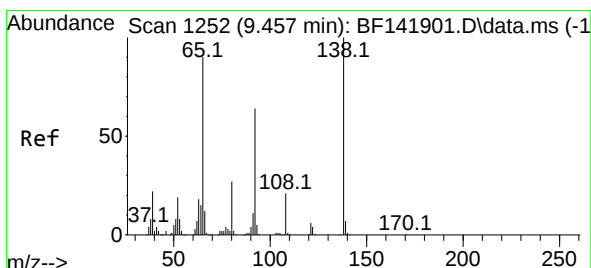
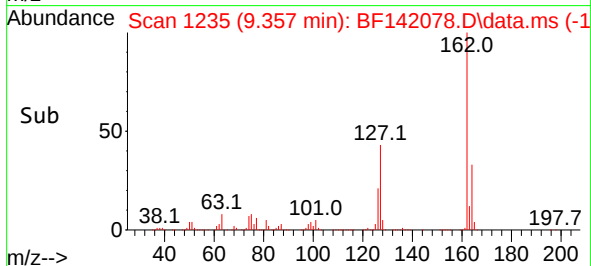
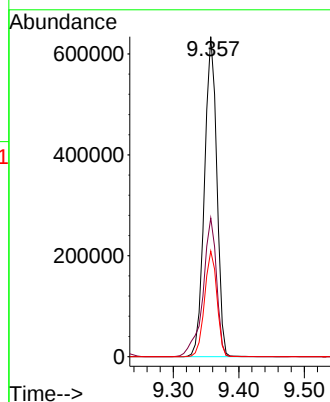
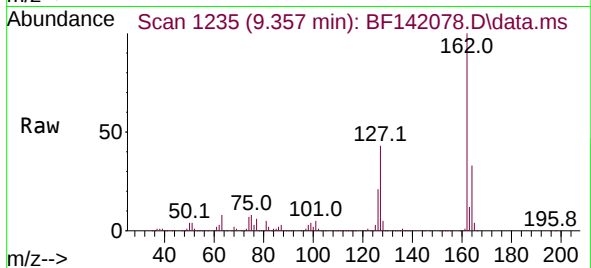
ClientSampleId :

PB167254BS

Tgt Ion:162 Resp: 824543
 Ion Ratio Lower Upper
 162 100
 127 43.3 35.5 53.3
 164 33.0 26.6 40.0

Manual Integrations
 APPROVED

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



#48

2-Nitroaniline

Concen: 46.397 ng

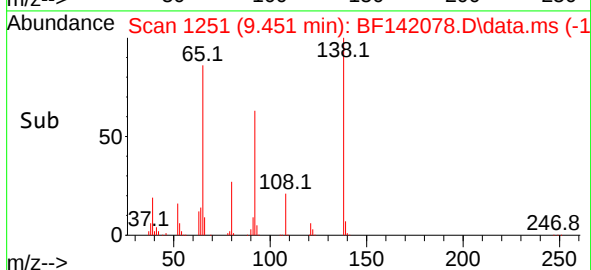
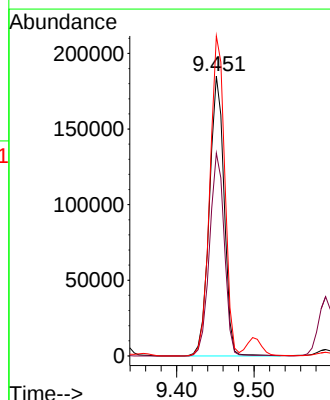
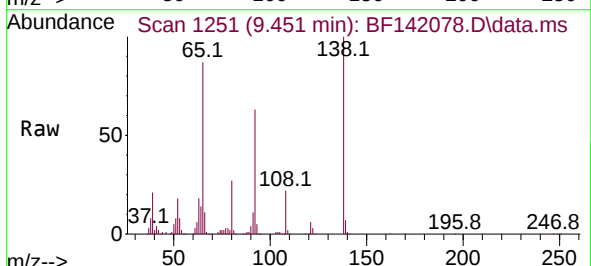
RT: 9.451 min Scan# 1251

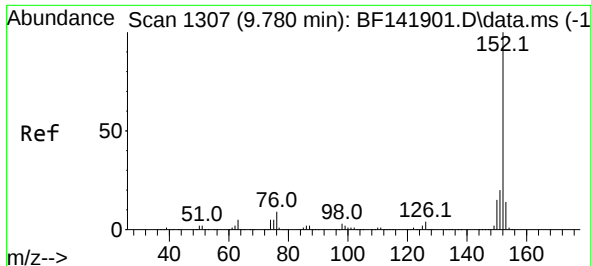
Delta R.T. -0.006 min

Lab File: BF142078.D

Acq: 25 Mar 2025 15:07

Tgt Ion: 65 Resp: 244621
 Ion Ratio Lower Upper
 65 100
 92 72.5 56.6 84.8
 138 114.4 88.6 133.0





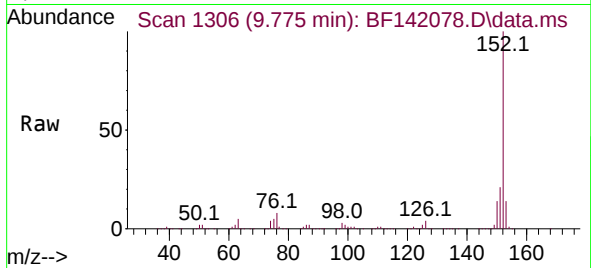
#49
Acenaphthylene
Concen: 47.733 ng
RT: 9.775 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

Instrument :

BNA_F

ClientSampleId :

PB167254BS

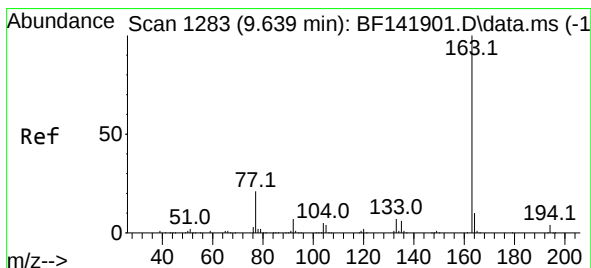
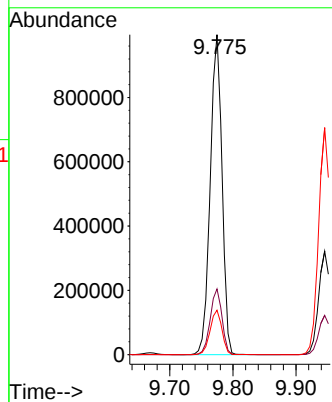
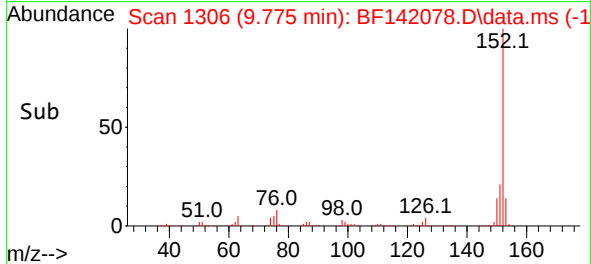


Tgt Ion:152 Resp: 128984
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.9 11.1 16.7

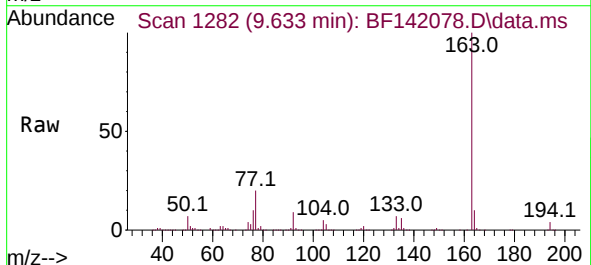
Manual Integrations

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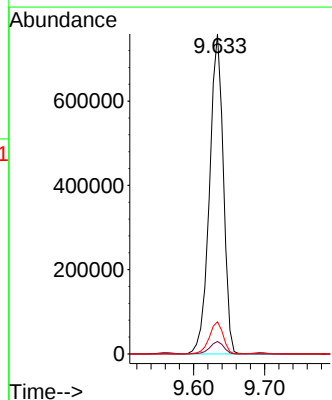
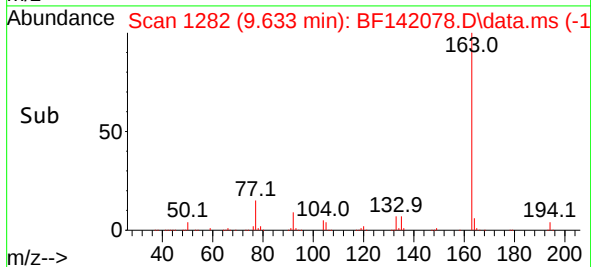
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

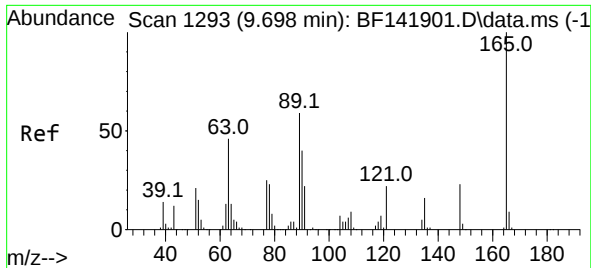


#50
Dimethylphthalate
Concen: 45.529 ng
RT: 9.633 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07



Tgt Ion:163 Resp: 1025138
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.0 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 48.228 ng
RT: 9.692 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

Instrument :

BNA_F

ClientSampleId :

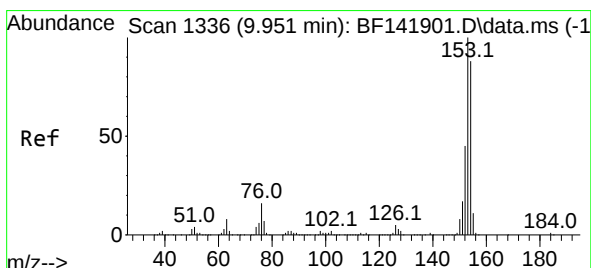
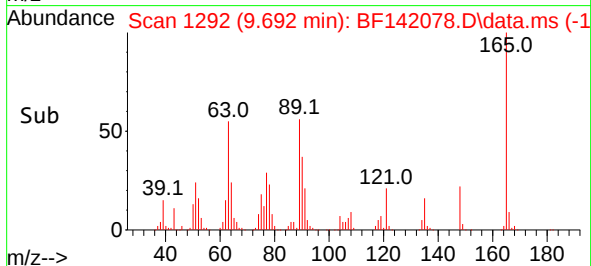
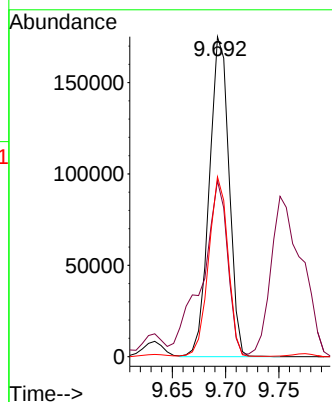
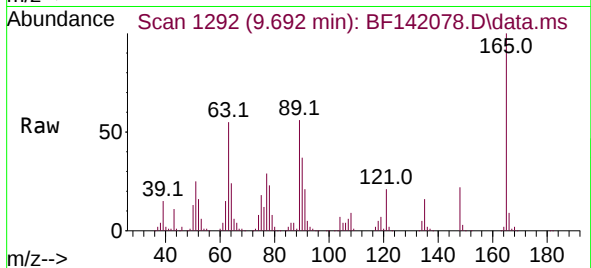
PB167254BS

Tgt Ion:165 Resp: 226093
Ion Ratio Lower Upper
165 100
63 54.9 47.0 70.4
89 56.2 47.4 71.2

Manual Integrations

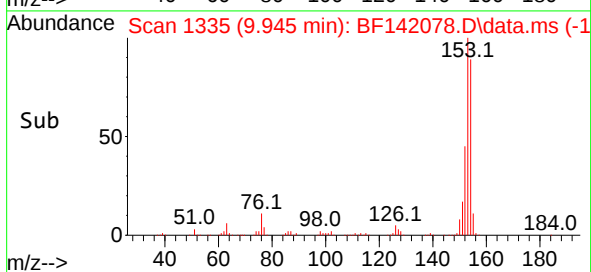
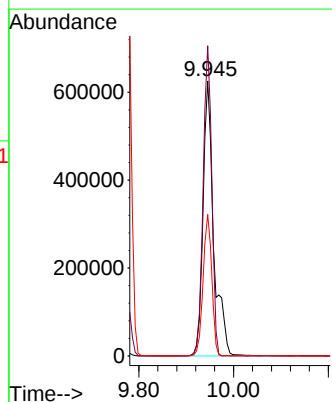
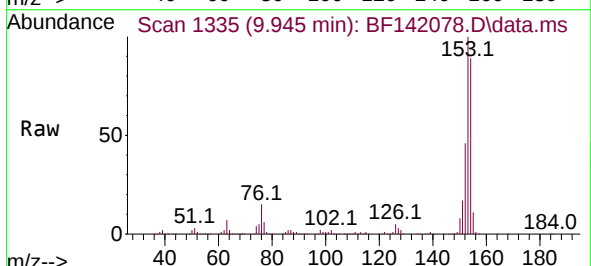
APPROVED

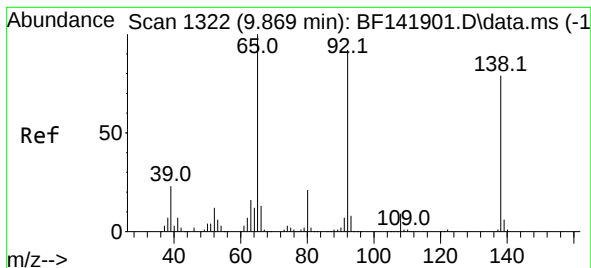
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#52
Acenaphthene
Concen: 51.455 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

Tgt Ion:154 Resp: 977111
Ion Ratio Lower Upper
154 100
153 112.8 90.7 136.1
152 51.4 41.1 61.7





#53

3-Nitroaniline

Concen: 30.048 ng

RT: 9.863 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF142078.D

Acq: 25 Mar 2025 15:07

Instrument :

BNA_F

ClientSampleId :

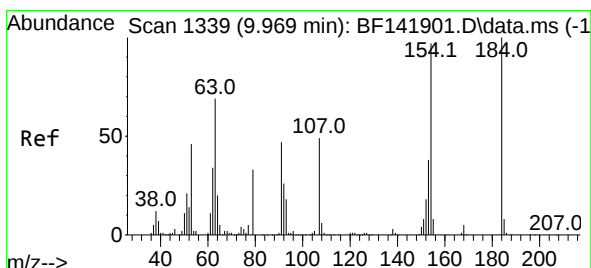
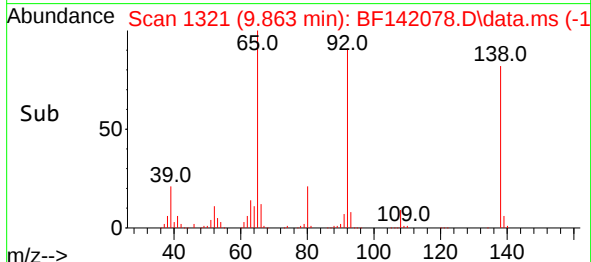
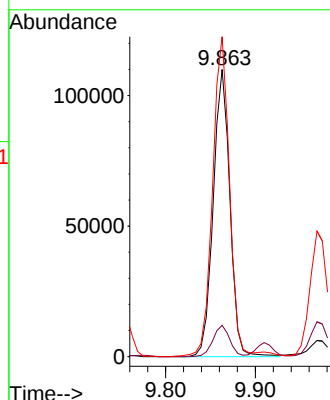
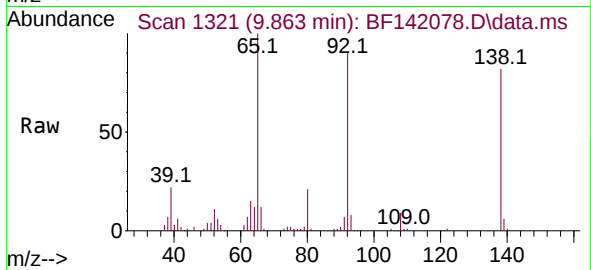
PB167254BS

Tgt Ion:138 Resp: 142889
 Ion Ratio Lower Upper
 138 100
 108 10.9 9.3 13.9
 92 111.4 93.5 140.3

Manual Integrations

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



#54

2,4-Dinitrophenol

Concen: 97.541 ng

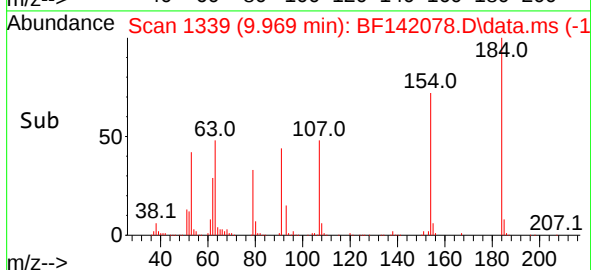
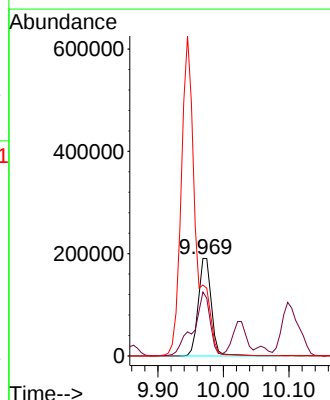
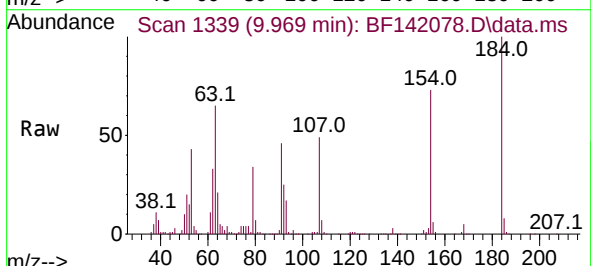
RT: 9.969 min Scan# 1339

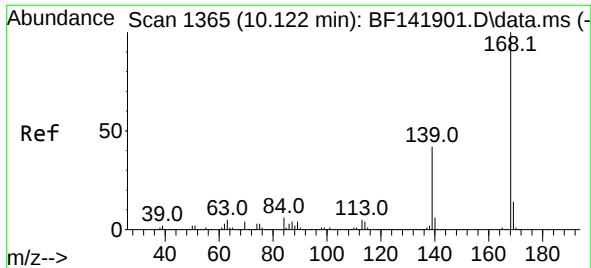
Delta R.T. -0.000 min

Lab File: BF142078.D

Acq: 25 Mar 2025 15:07

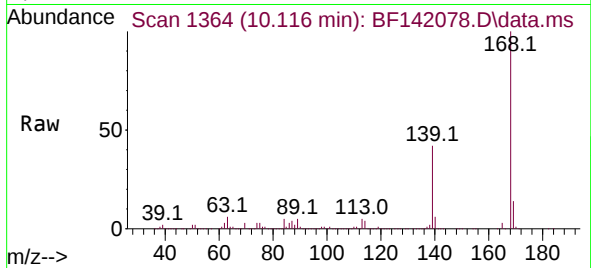
Tgt Ion:184 Resp: 263996
 Ion Ratio Lower Upper
 184 100
 63 65.4 60.2 90.4
 154 72.6 132.9 199.3#





#55
Dibenzenofuran
Concen: 44.208 ng
RT: 10.116 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

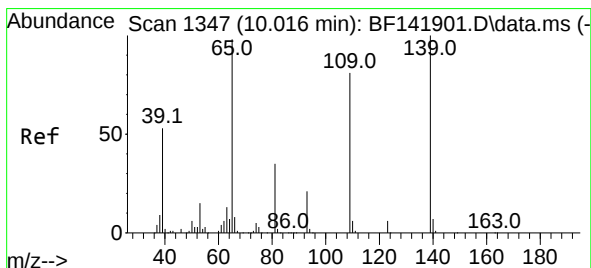
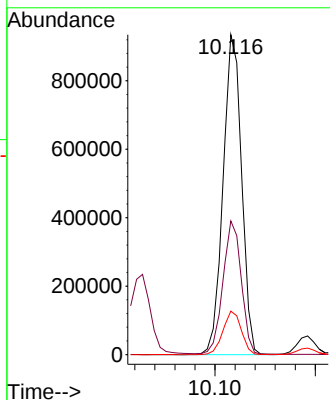
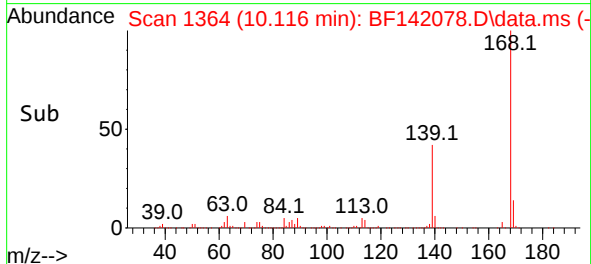
Instrument :
BNA_F
ClientSampleId :
PB167254BS



Tgt Ion:168 Resp: 1199543
Ion Ratio Lower Upper
168 100
139 41.8 33.9 50.9
169 13.6 11.0 16.4

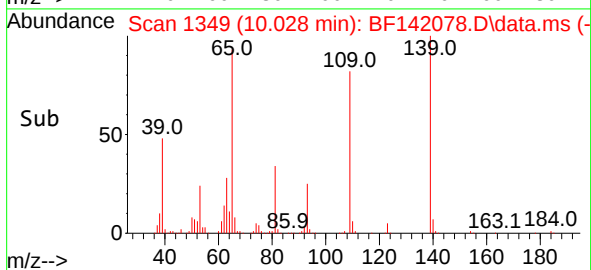
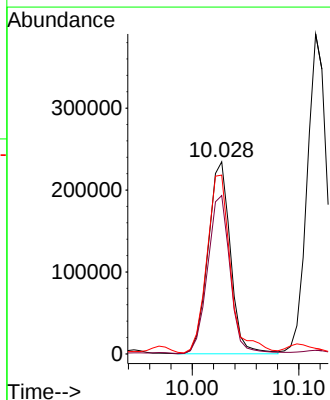
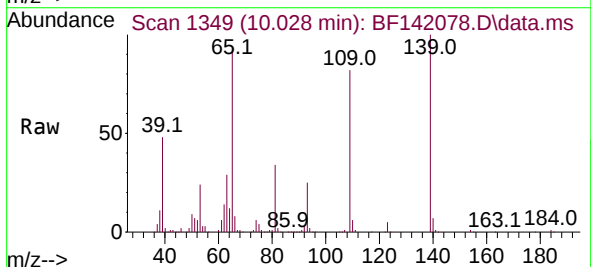
Manual Integrations
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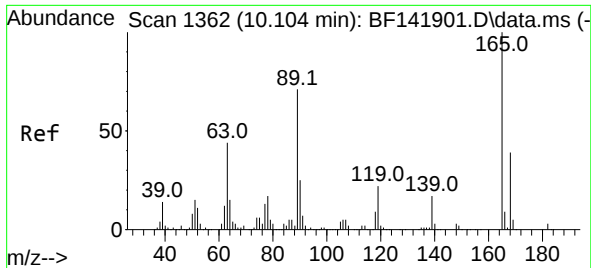
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#56
4-Nitrophenol
Concen: 95.492 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.012 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

Tgt Ion:139 Resp: 342454
Ion Ratio Lower Upper
139 100
109 82.4 61.6 101.6
65 93.0 79.4 119.4





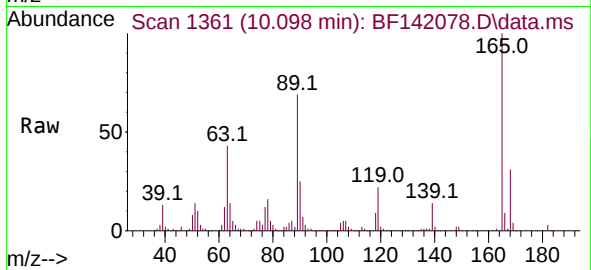
#57
2,4-Dinitrotoluene
Concen: 52.091 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

Instrument :

BNA_F

ClientSampleId :

PB167254BS

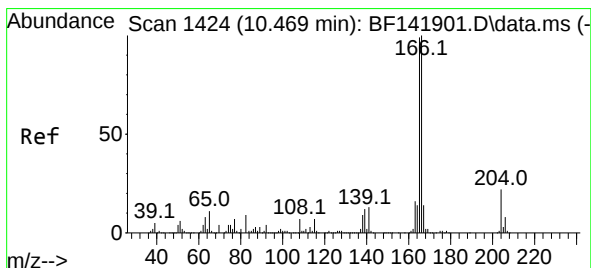
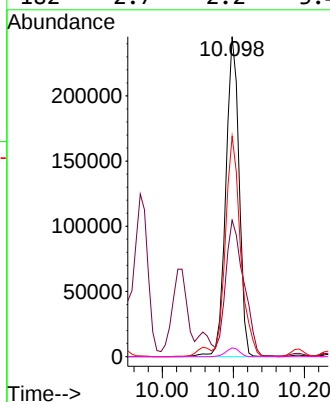
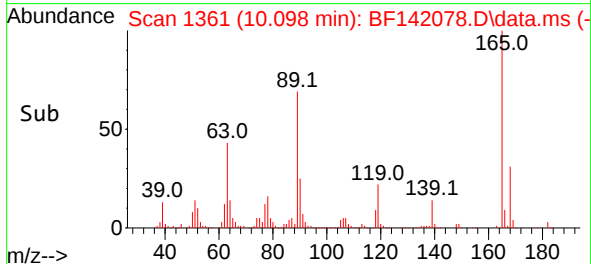


Tgt Ion:165 Resp: 318954
Ion Ratio Lower Upper
165 100
63 42.6 35.4 53.2
89 68.8 56.6 84.8
182 2.7 2.2 3.4

Manual Integrations

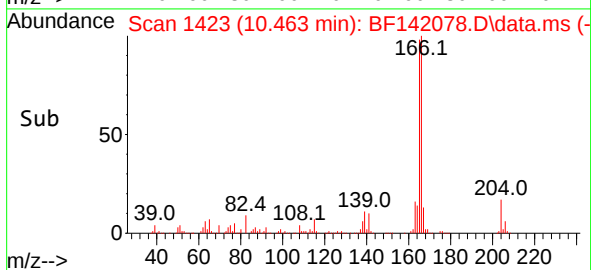
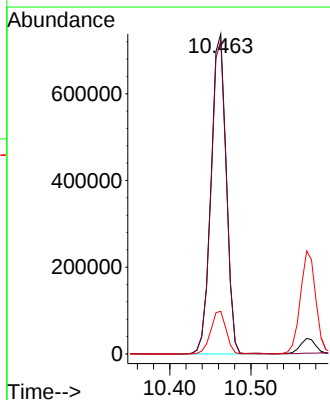
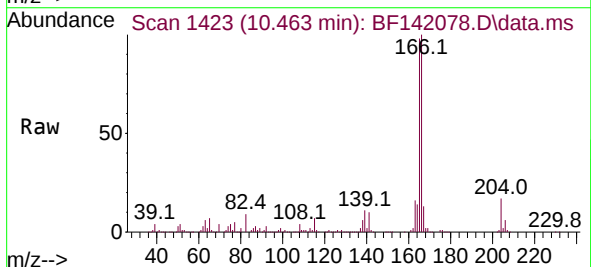
APPROVED

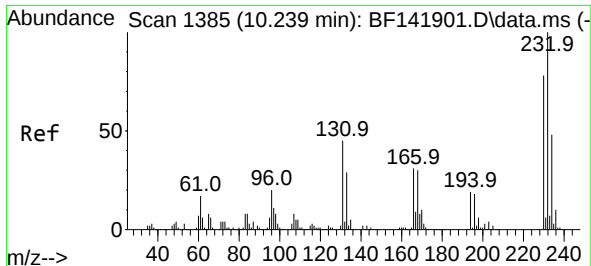
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#58
Fluorene
Concen: 45.909 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

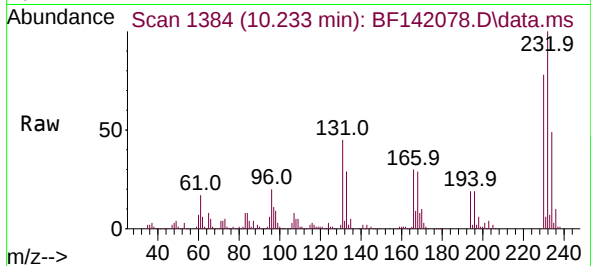
Tgt Ion:166 Resp: 960647
Ion Ratio Lower Upper
166 100
165 97.9 79.0 118.4
167 13.3 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.831 ng
RT: 10.233 min Scan# 1385
Delta R.T. -0.006 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

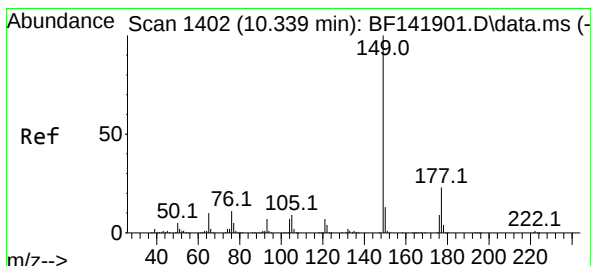
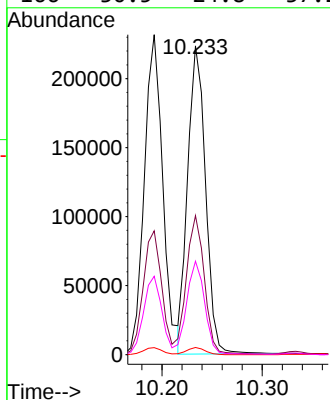
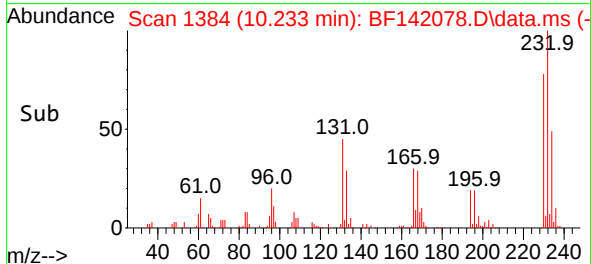
Instrument :
BNA_F
ClientSampleId :
PB167254BS



Tgt Ion:232 Resp: 276126
Ion Ratio Lower Upper
232 100
131 46.0 37.3 55.9
130 2.4 1.9 2.9
166 30.5 24.8 37.2

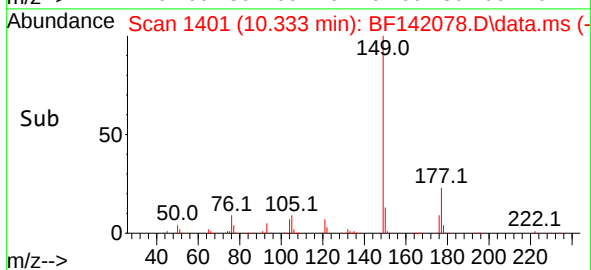
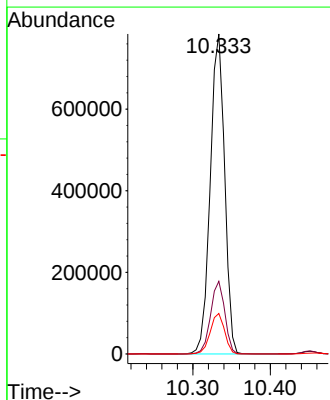
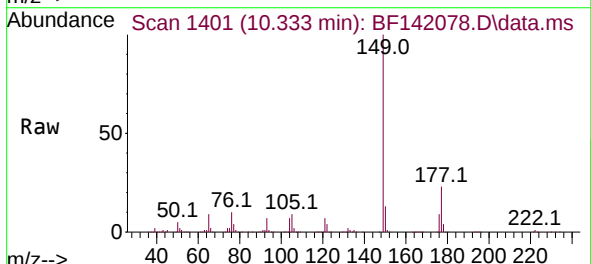
Manual Integrations
APPROVED

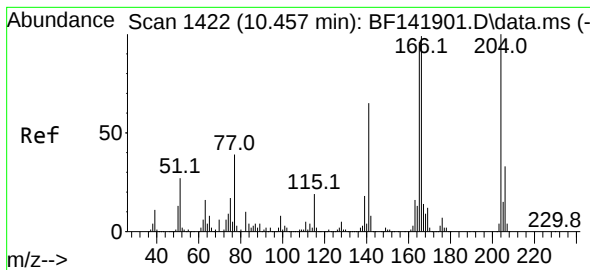
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#60
Diethylphthalate
Concen: 44.968 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

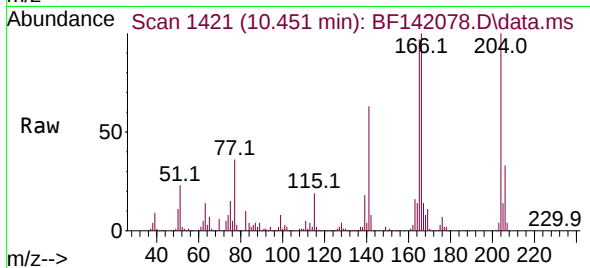
Tgt Ion:149 Resp: 1009592
Ion Ratio Lower Upper
149 100
177 22.7 18.0 27.0
150 12.6 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 45.705 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

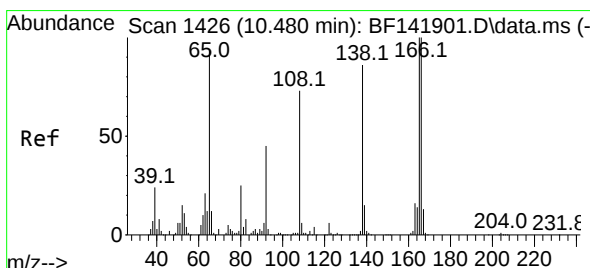
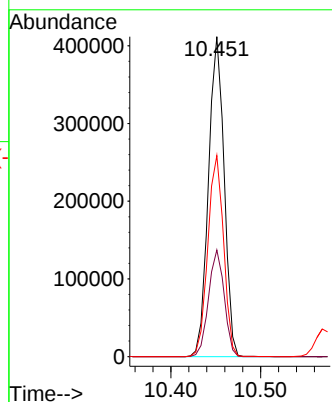
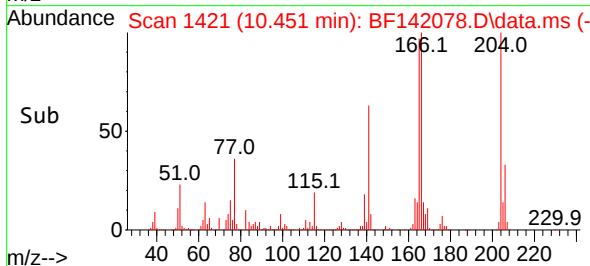
Instrument :
BNA_F
ClientSampleId :
PB167254BS



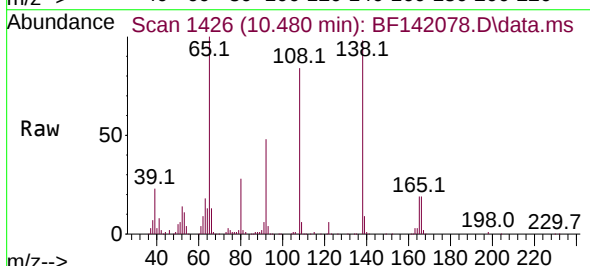
Tgt Ion:204 Resp: 498601
Ion Ratio Lower Upper
204 100
206 33.3 26.8 40.2
141 62.8 52.4 78.6

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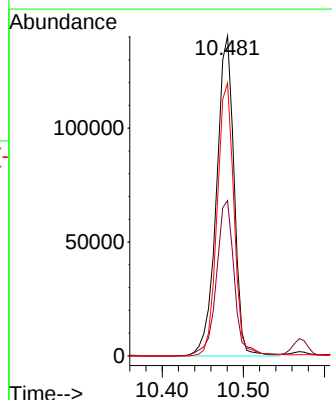
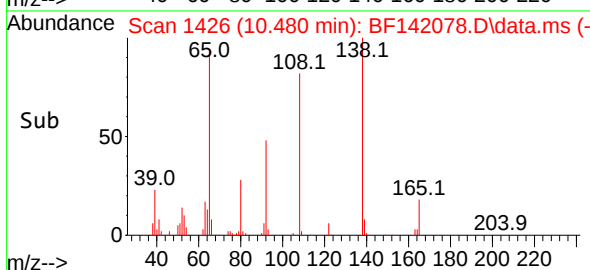
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

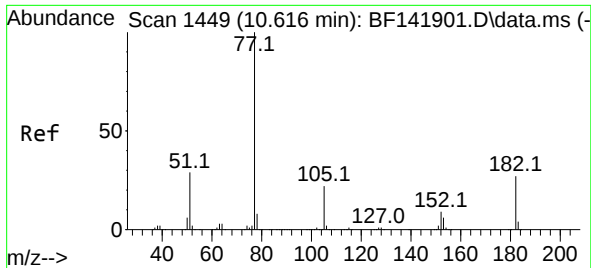


#62
4-Nitroaniline
Concen: 45.721 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07



Tgt Ion:138 Resp: 211671
Ion Ratio Lower Upper
138 100
92 48.5 32.6 72.6
108 85.2 65.0 105.0





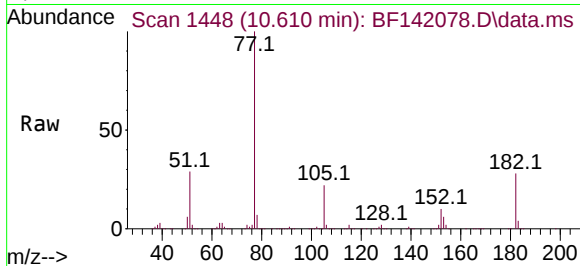
#63
Azobenzene
Concen: 42.535 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

Instrument :

BNA_F

ClientSampleId :

PB167254BS

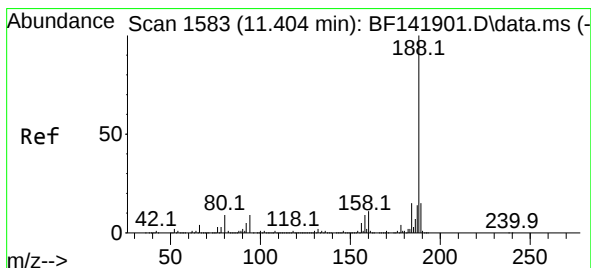
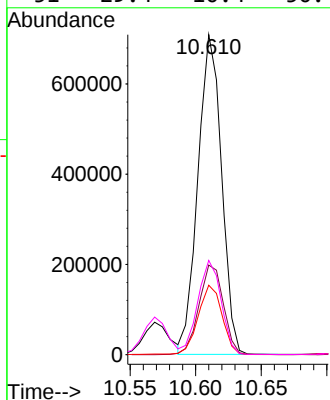
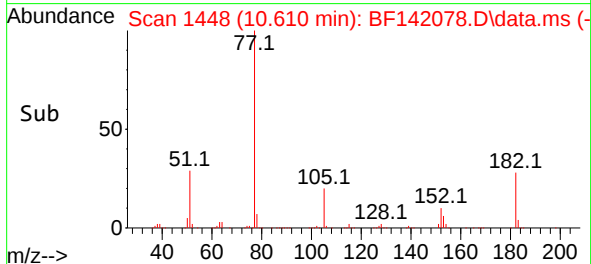


Tgt Ion: 77 Resp: 88784
Ion Ratio Lower Upper
77 100
182 28.0 6.6 46.6
105 21.7 1.3 41.3
51 29.4 10.4 50.4

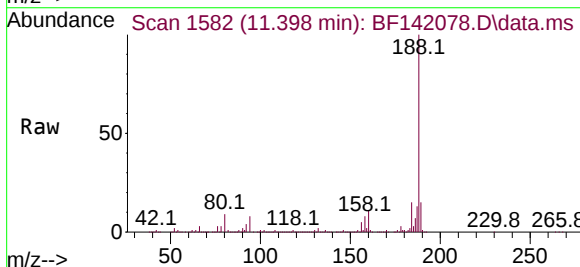
Manual Integrations

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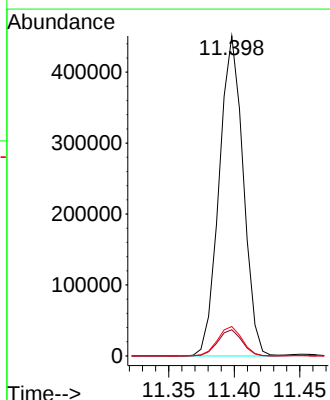
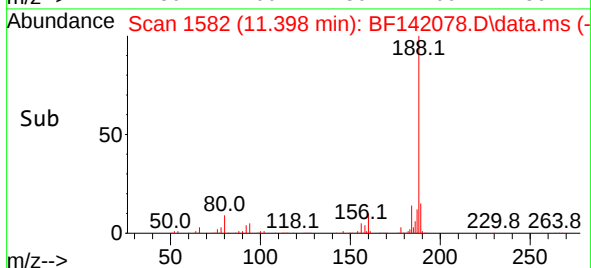
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

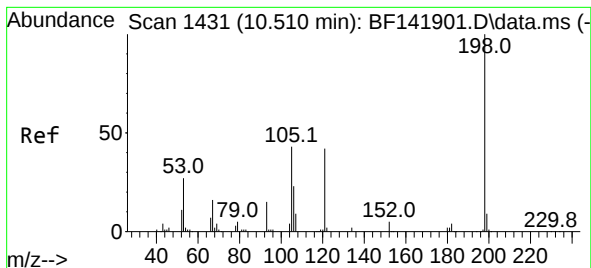


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07



Tgt Ion:188 Resp: 576228
Ion Ratio Lower Upper
188 100
94 8.2 6.8 10.2
80 9.2 7.6 11.4





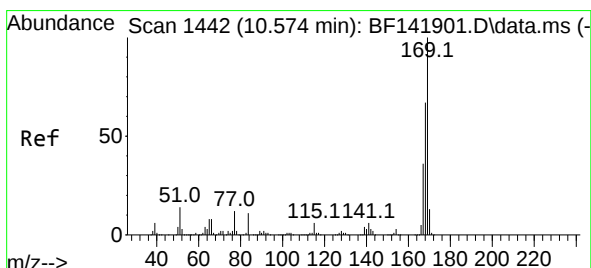
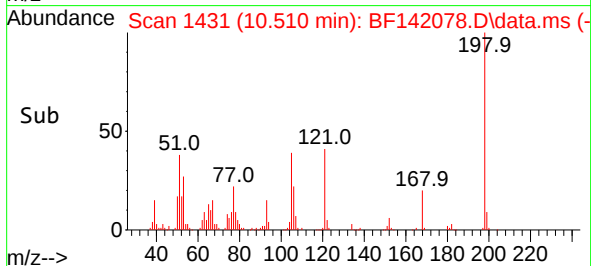
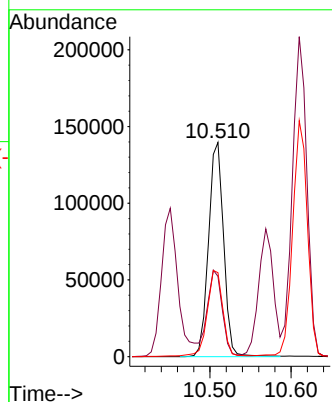
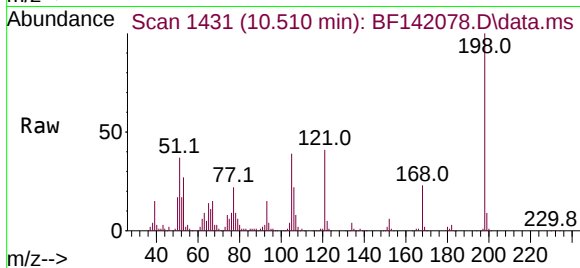
#65
4,6-Dinitro-2-methylphenol
Concen: 52.598 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

Instrument :
BNA_F
ClientSampleId :
PB167254BS

Tgt Ion:198 Resp: 180681
Ion Ratio Lower Upper
198 100
51 37.5 22.3 62.3
105 39.2 23.0 63.0

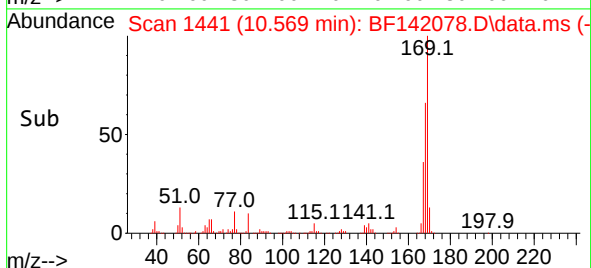
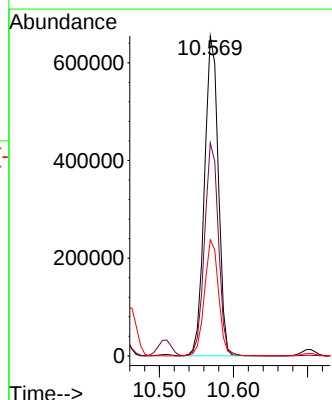
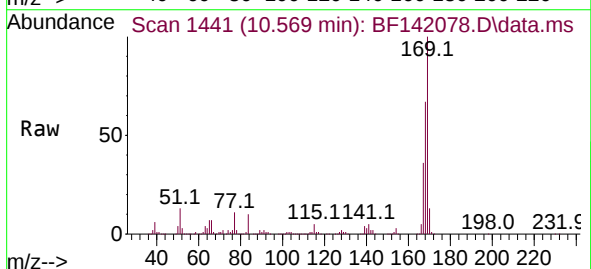
Manual Integrations
APPROVED

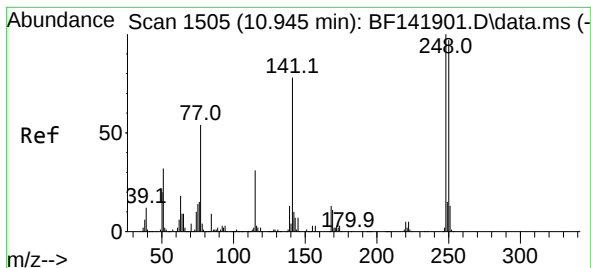
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#66
n-Nitrosodiphenylamine
Concen: 45.269 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

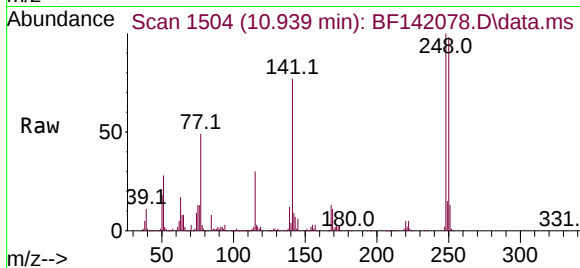
Tgt Ion:169 Resp: 844130
Ion Ratio Lower Upper
169 100
168 66.6 53.7 80.5
167 36.3 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 45.304 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

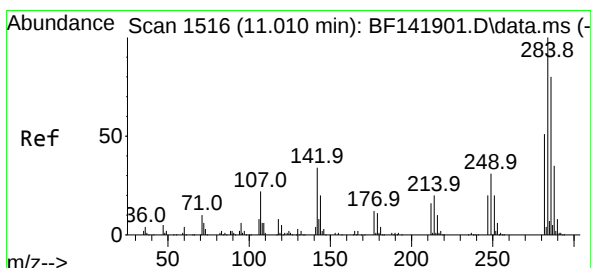
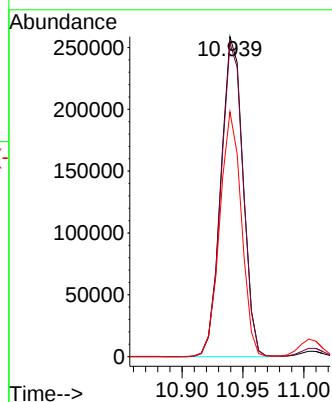
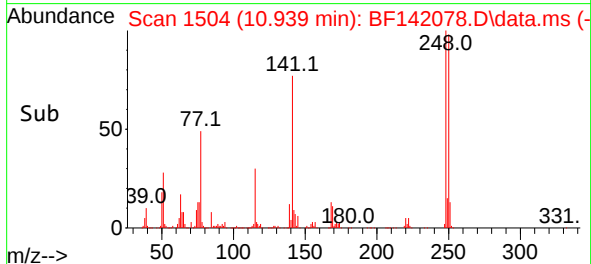
Instrument :
BNA_F
ClientSampleId :
PB167254BS



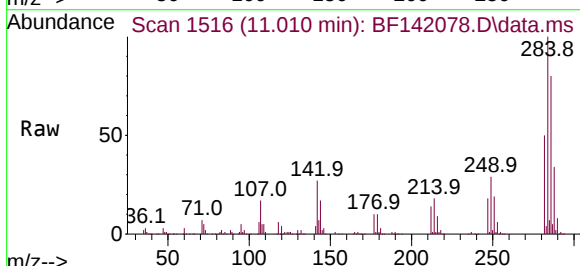
Tgt Ion:248 Resp: 327852
Ion Ratio Lower Upper
248 100
250 98.0 77.8 116.8
141 76.5 62.6 93.8

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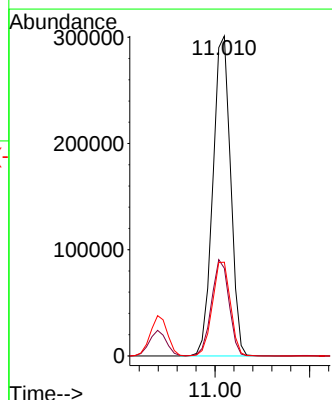
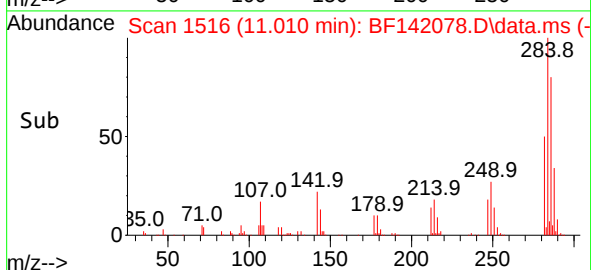
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

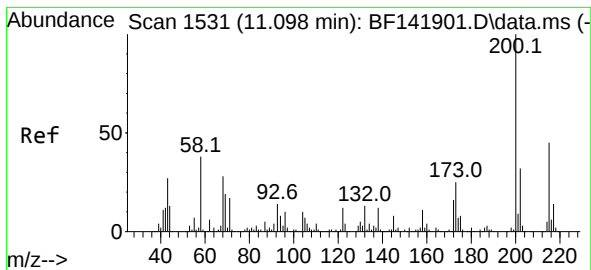


#68
Hexachlorobenzene
Concen: 49.244 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07



Tgt Ion:284 Resp: 390852
Ion Ratio Lower Upper
284 100
142 27.4 27.0 40.6
249 29.3 25.2 37.8





#69

Atrazine

Concen: 61.348 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF142078.D

Acq: 25 Mar 2025 15:07

Instrument :

BNA_F

ClientSampleId :

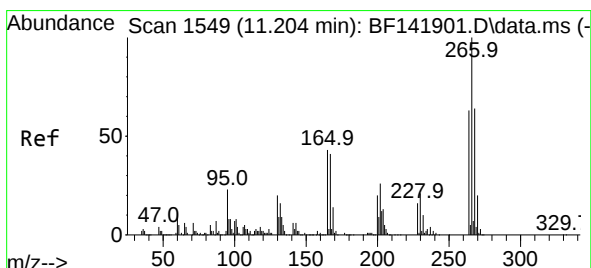
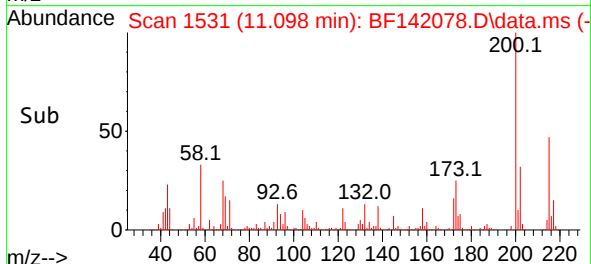
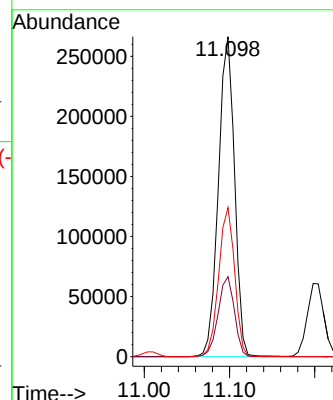
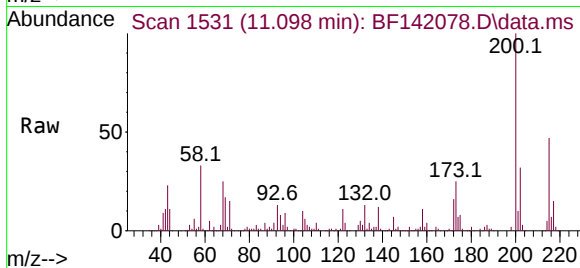
PB167254BS

Tgt Ion:200 Resp: 350688
 Ion Ratio Lower Upper
 200 100
 173 25.0 4.7 44.7
 215 46.6 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: 93.990 ng

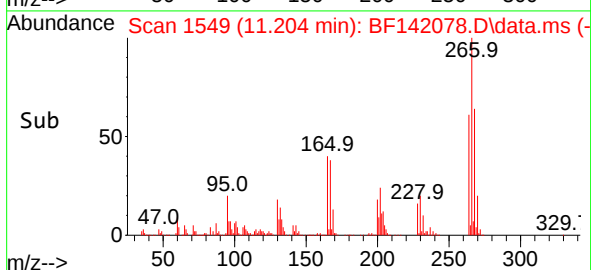
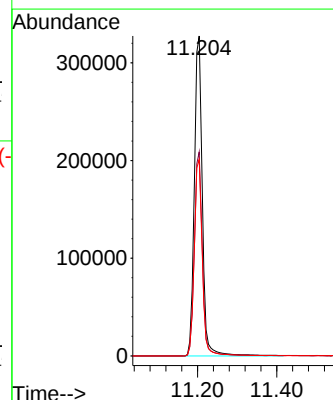
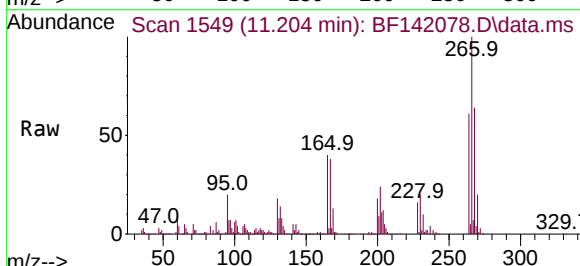
RT: 11.204 min Scan# 1549

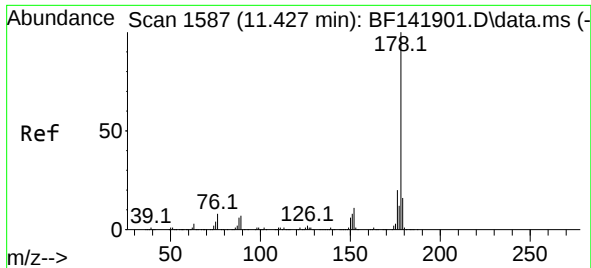
Delta R.T. 0.000 min

Lab File: BF142078.D

Acq: 25 Mar 2025 15:07

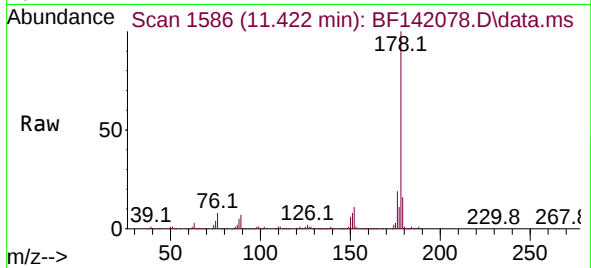
Tgt Ion:266 Resp: 459633
 Ion Ratio Lower Upper
 266 100
 268 63.7 51.0 76.6
 264 61.4 50.2 75.2





#71
Phenanthrene
Concen: 46.059 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

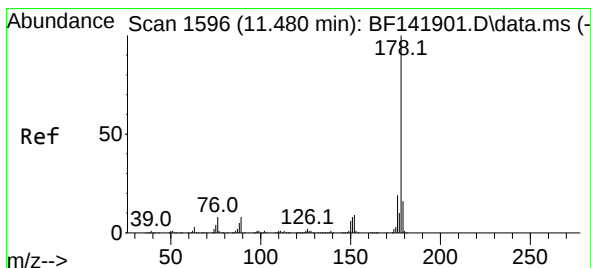
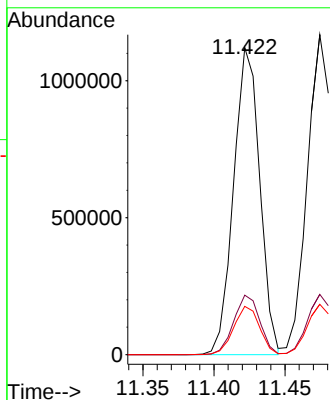
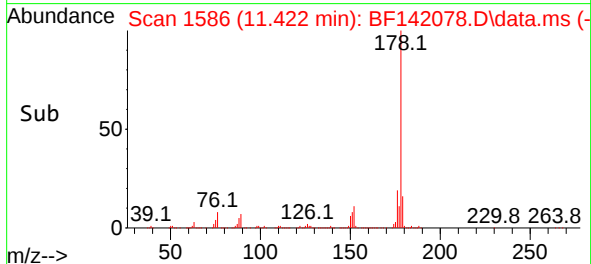
Instrument :
BNA_F
ClientSampleId :
PB167254BS



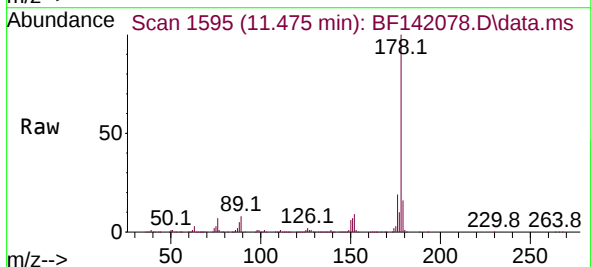
Tgt Ion:178 Resp: 1433523
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.8
179 15.7 12.6 19.0

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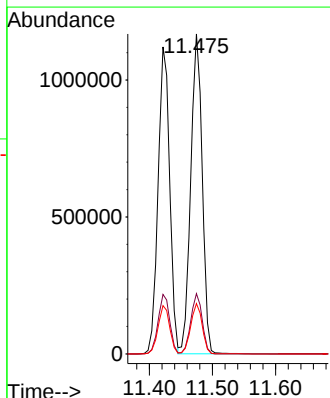
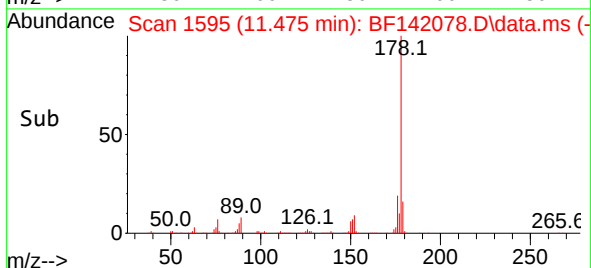
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

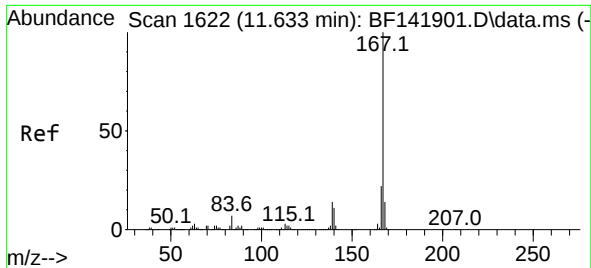


#72
Anthracene
Concen: 47.305 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07



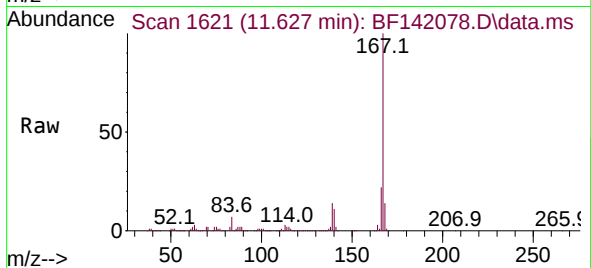
Tgt Ion:178 Resp: 1477126
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.8 12.6 19.0





#73
 Carbazole
 Concen: 45.118 ng
 RT: 11.627 min Scan# 1621
 Delta R.T. -0.006 min
 Lab File: BF142078.D
 Acq: 25 Mar 2025 15:07

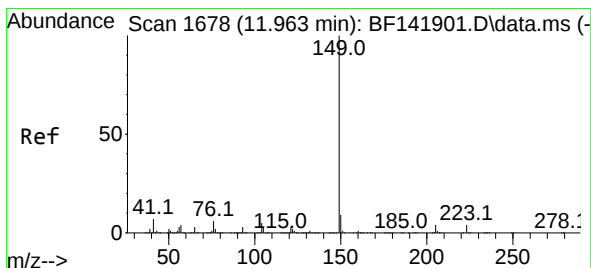
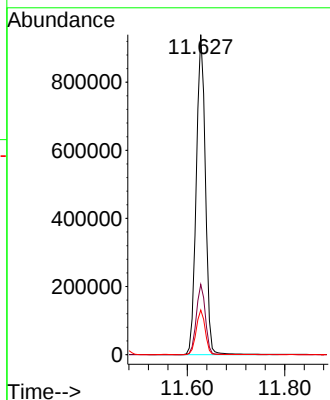
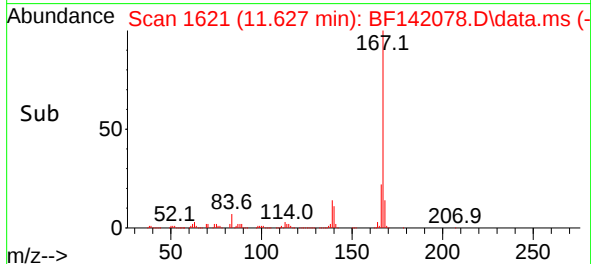
Instrument :
 BNA_F
 ClientSampleId :
 PB167254BS



Tgt Ion:167 Resp: 1214986
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 13.9 11.0 16.6

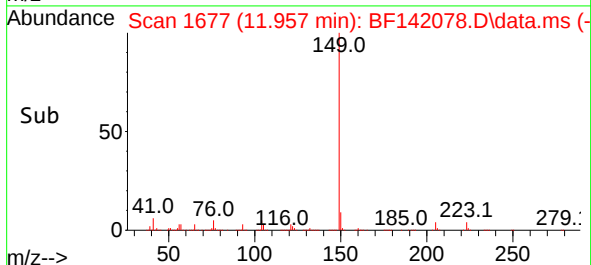
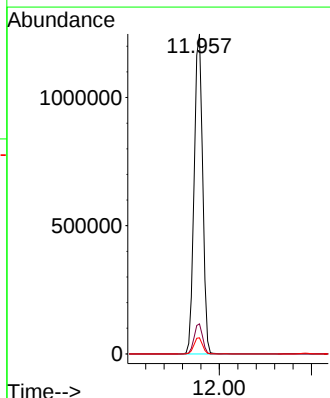
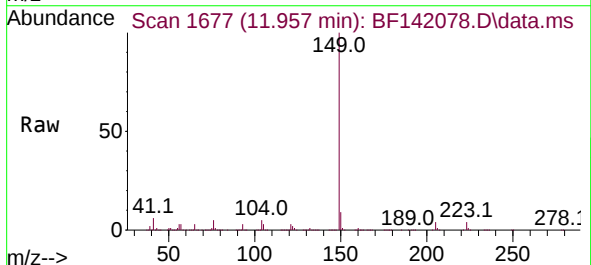
Manual Integrations
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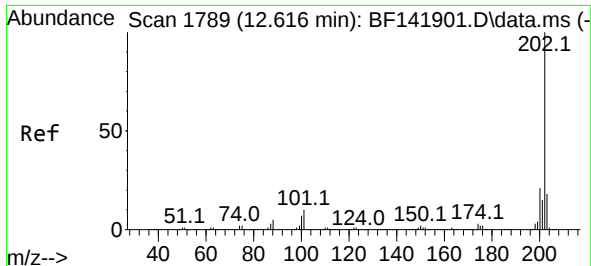
Reviewed By :Anahy Claudio 03/26/2025
 Supervised By :Jagrut Upadhyay 03/26/2025



#74
 Di-n-butylphthalate
 Concen: 44.457 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.006 min
 Lab File: BF142078.D
 Acq: 25 Mar 2025 15:07

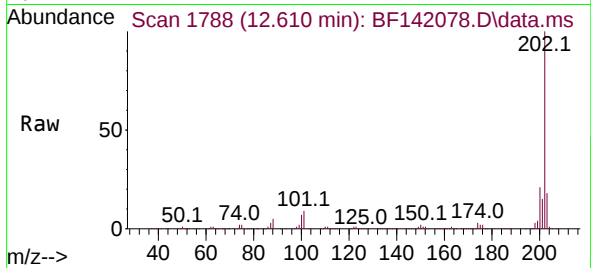
Tgt Ion:149 Resp: 1588545
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.6 11.4
 104 5.0 4.4 6.6





#75
Fluoranthene
Concen: 44.704 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

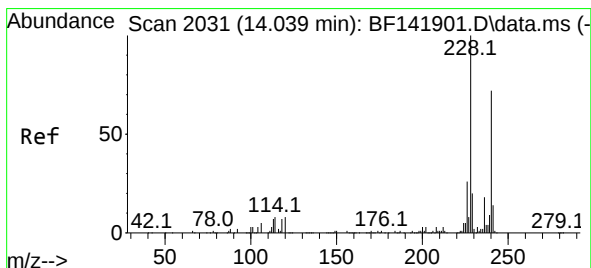
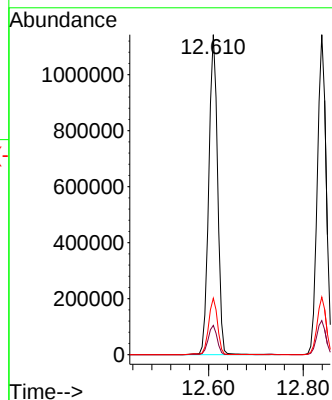
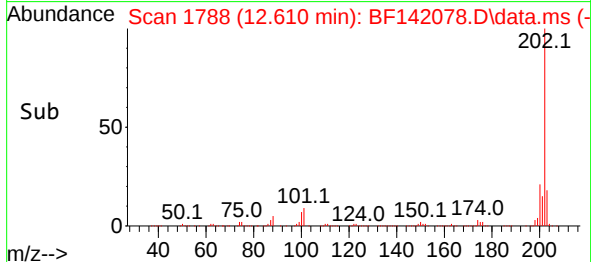
Instrument :
BNA_F
ClientSampleId :
PB167254BS



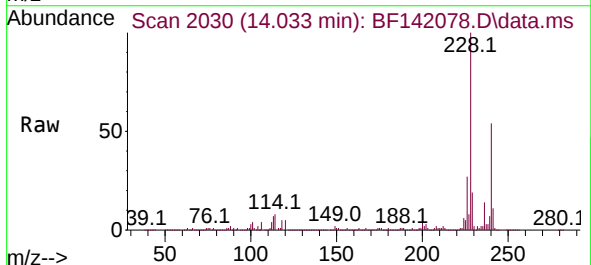
Tgt Ion:202 Resp: 1475898
Ion Ratio Lower Upper
202 100
101 9.1 0.0 29.7
203 17.6 0.0 37.8

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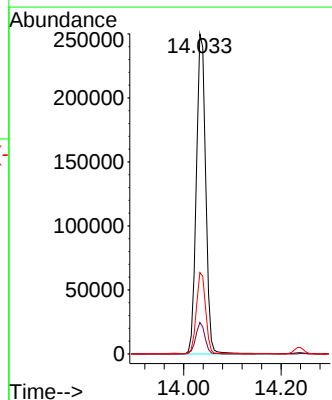
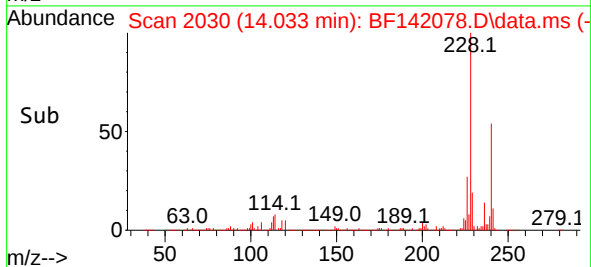
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

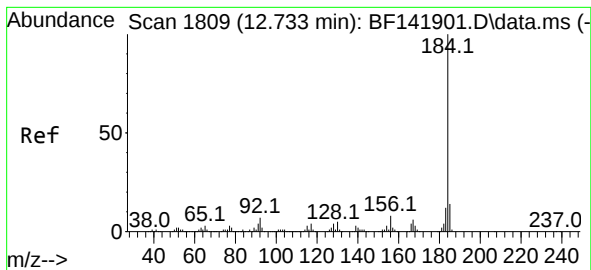


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07



Tgt Ion:240 Resp: 331995
Ion Ratio Lower Upper
240 100
120 9.8 8.4 12.6
236 25.4 20.5 30.7





#77

Benzidine

Concen: 59.733 ng

RT: 12.727 min Scan# 1808

Delta R.T. -0.006 min

Lab File: BF142078.D

Acq: 25 Mar 2025 15:07

Instrument :

BNA_F

ClientSampleId :

PB167254BS

Tgt Ion:184 Resp: 276682

Ion Ratio Lower Upper

184 100

185 14.1 11.5 17.3

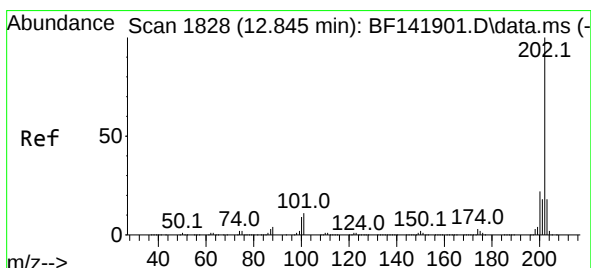
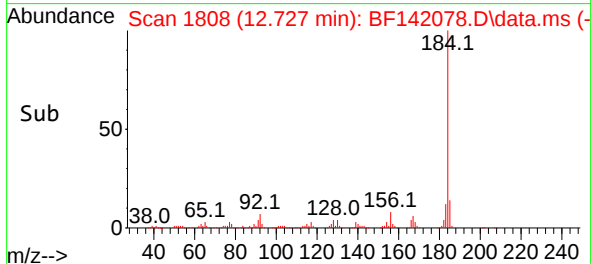
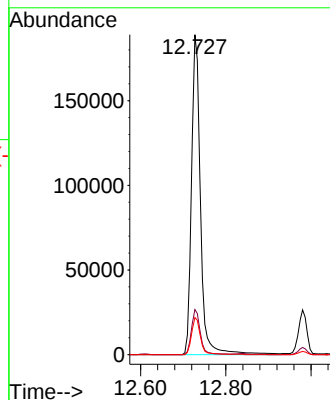
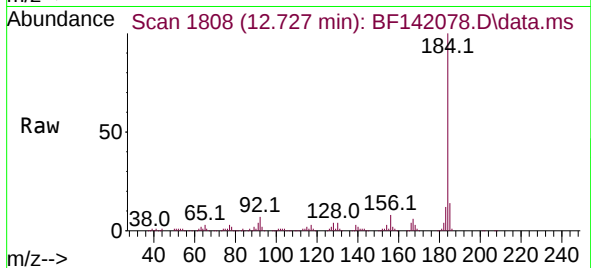
183 11.6 9.7 14.5

Manual Integrations

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Reviewed By :Anahy Claudio 03/26/2025

Supervised By :Jagrut Upadhyay 03/26/2025



#78

Pyrene

Concen: 51.013 ng

RT: 12.839 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF142078.D

Acq: 25 Mar 2025 15:07

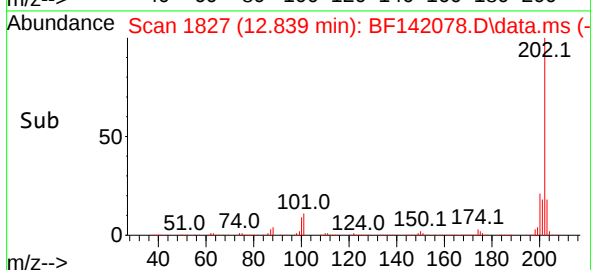
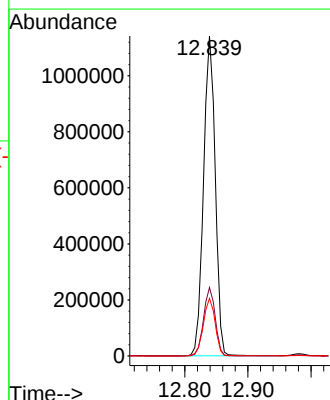
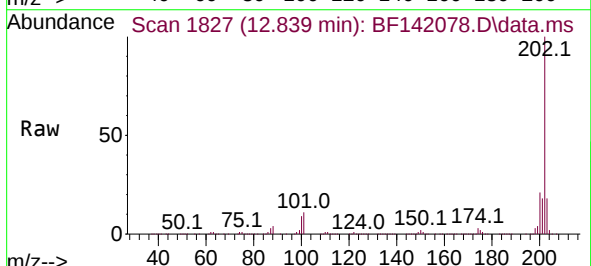
Tgt Ion:202 Resp: 1465000

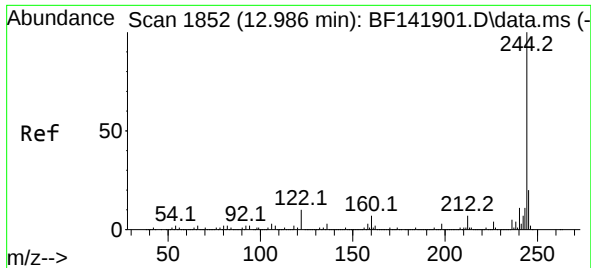
Ion Ratio Lower Upper

202 100

200 21.4 17.3 25.9

203 18.0 14.4 21.6





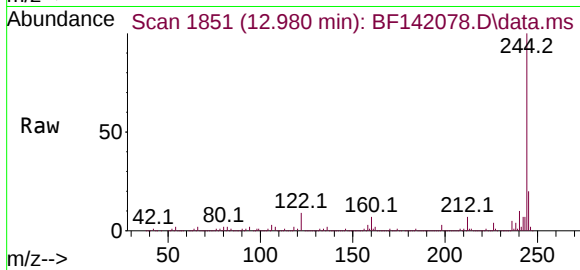
#79
 Terphenyl-d14
 Concen: 117.270 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF142078.D
 Acq: 25 Mar 2025 15:07

Instrument :

BNA_F

ClientSampleId :

PB167254BS

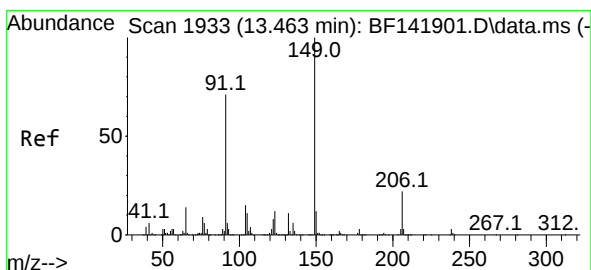
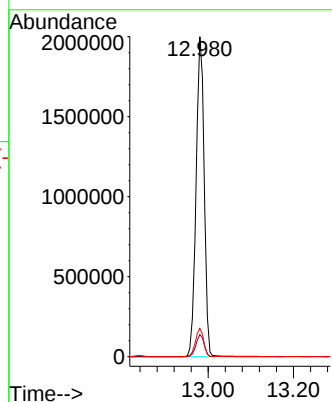
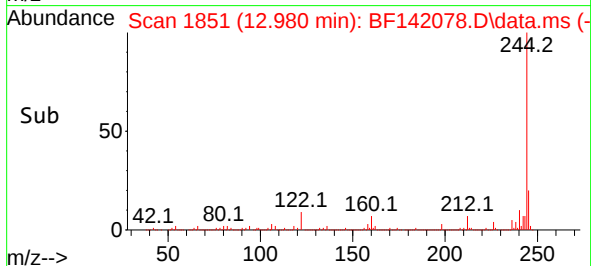


Tgt Ion:244 Resp: 2633359
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 8.9 7.7 11.5

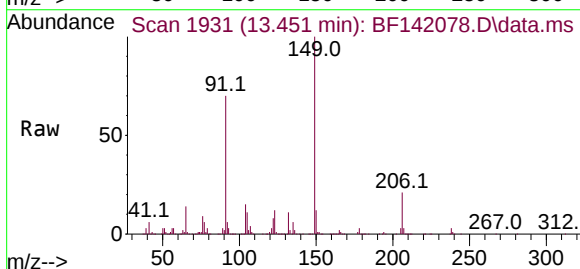
Manual Integrations

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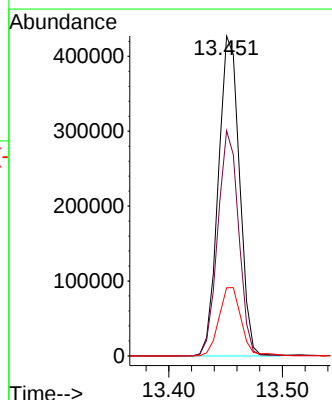
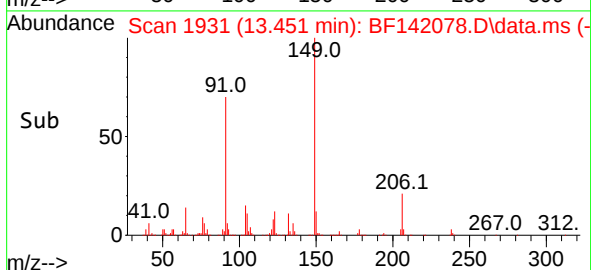
Reviewed By :Anahy Claudio 03/26/2025
 Supervised By :Jagrut Upadhyay 03/26/2025

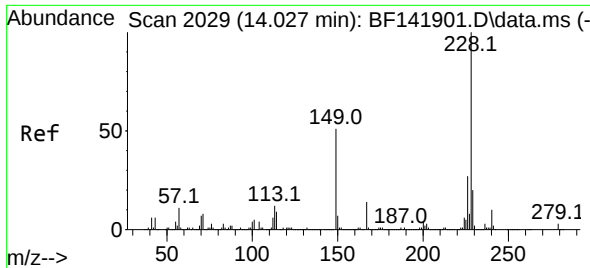


#80
 Butylbenzylphthalate
 Concen: 49.076 ng
 RT: 13.451 min Scan# 1931
 Delta R.T. -0.012 min
 Lab File: BF142078.D
 Acq: 25 Mar 2025 15:07



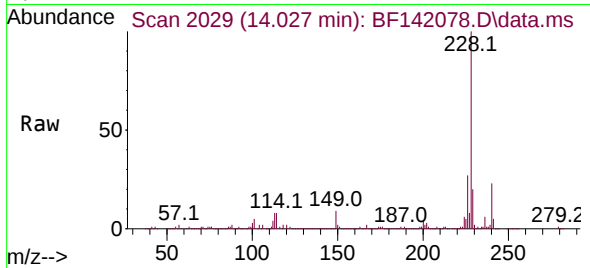
Tgt Ion:149 Resp: 551623
 Ion Ratio Lower Upper
 149 100
 91 70.4 56.5 84.7
 206 21.3 17.3 25.9





#81
Benzo(a)anthracene
Concen: 47.202 ng
RT: 14.027 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

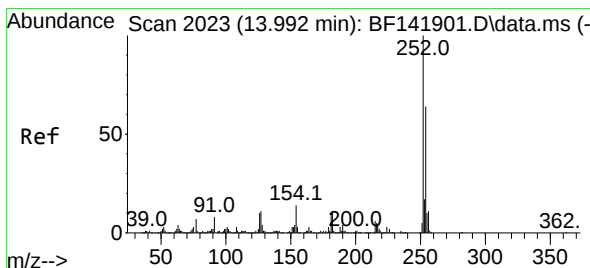
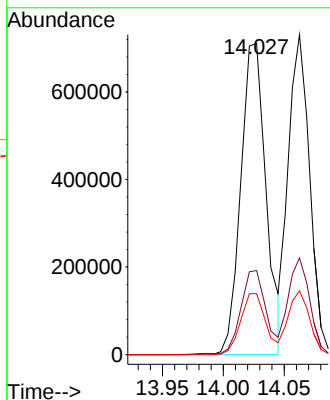
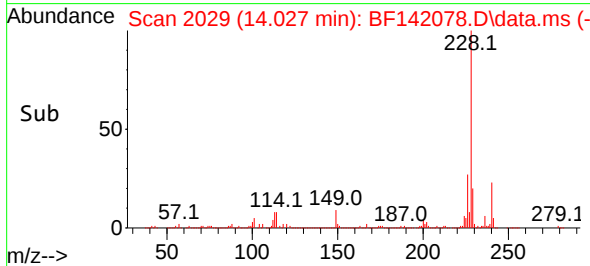
Instrument :
BNA_F
ClientSampleId :
PB167254BS



Tgt Ion:228 Resp: 1028335
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.6 16.0 24.0

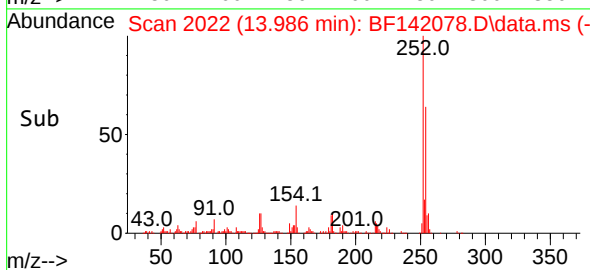
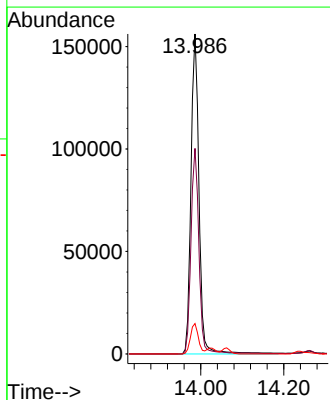
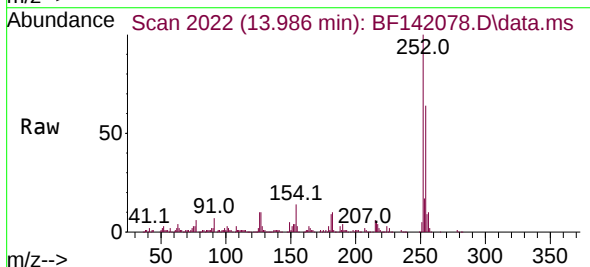
Manual Integrations
APPROVED

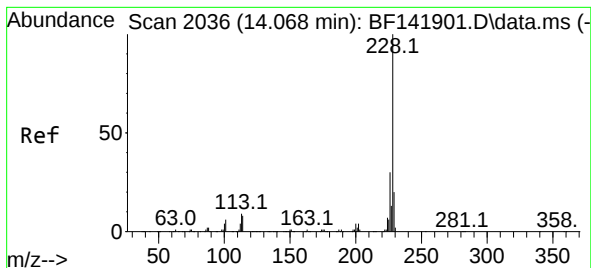
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#82
3,3'-Dichlorobenzidine
Concen: 33.275 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

Tgt Ion:252 Resp: 209491
Ion Ratio Lower Upper
252 100
254 64.2 51.0 76.6
126 9.5 8.4 12.6





#83

Chrysene

Concen: 45.754 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF142078.D

Acq: 25 Mar 2025 15:07

Instrument :

BNA_F

ClientSampleId :

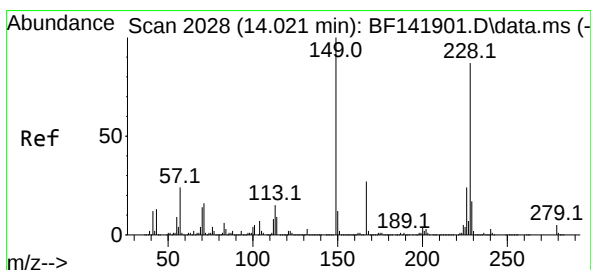
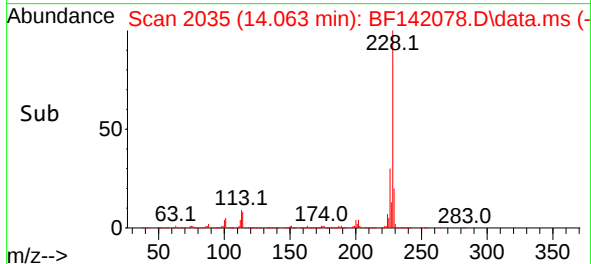
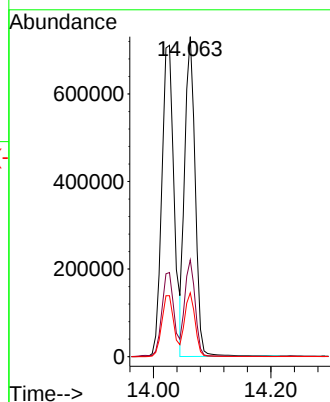
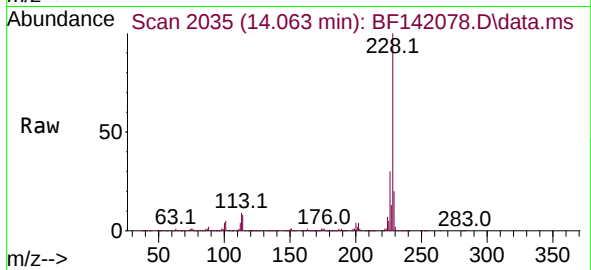
PB167254BS

Tgt Ion:228 Resp: 903542
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.1 36.1
 229 20.0 15.7 23.5

Manual Integrations

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.022 ng

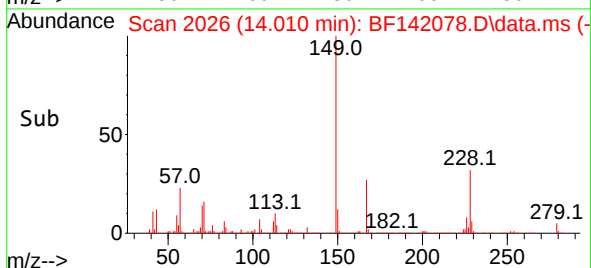
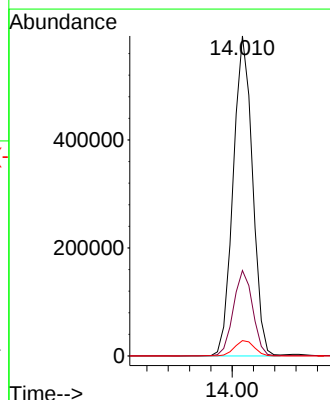
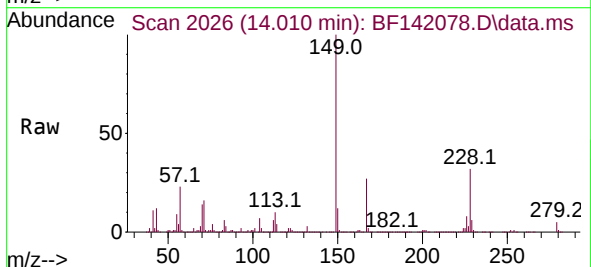
RT: 14.010 min Scan# 2026

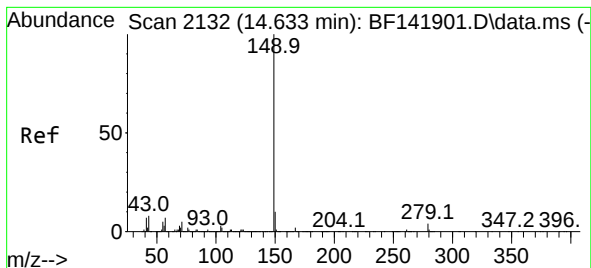
Delta R.T. -0.012 min

Lab File: BF142078.D

Acq: 25 Mar 2025 15:07

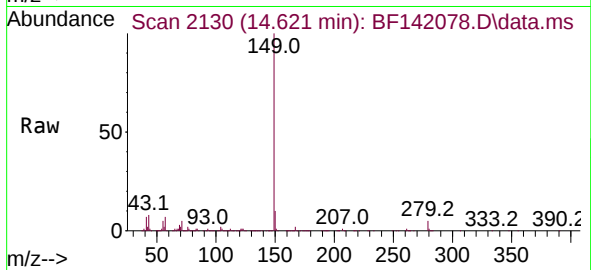
Tgt Ion:149 Resp: 744242
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.4 32.0
 279 4.8 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 46.763 ng
RT: 14.621 min Scan# 2132
Delta R.T. -0.012 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

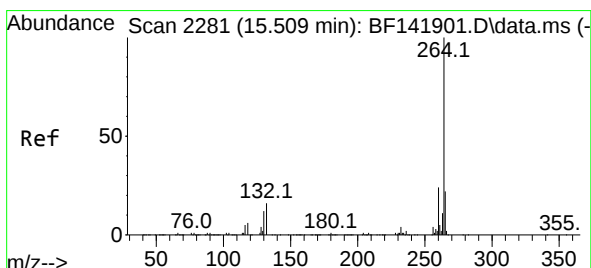
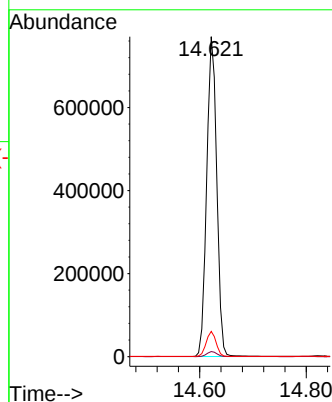
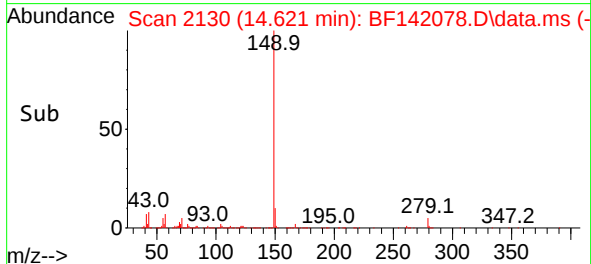
Instrument :
BNA_F
ClientSampleId :
PB167254BS



Tgt Ion:149 Resp: 1008397
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.7 6.9 10.3

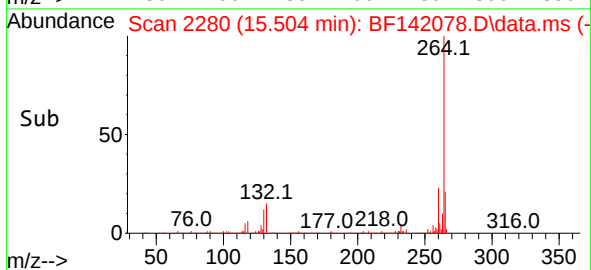
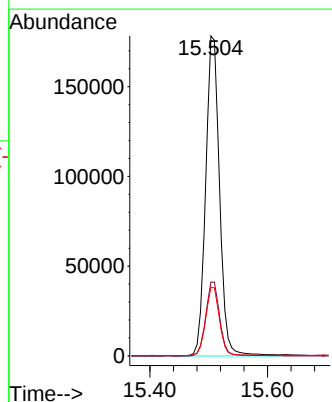
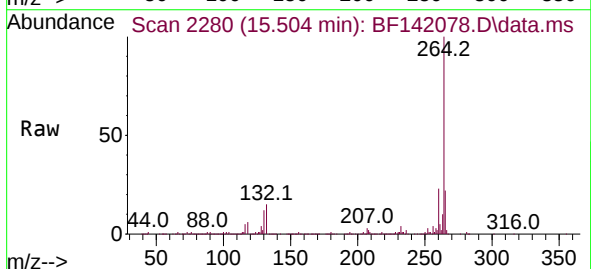
Manual Integrations
APPROVED

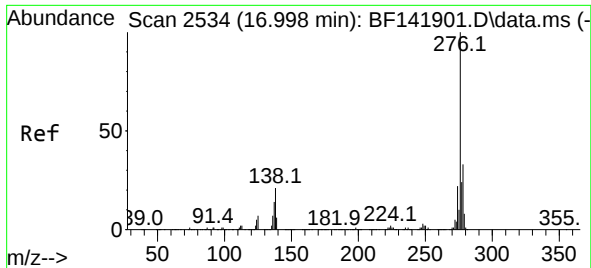
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2280
Delta R.T. -0.006 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

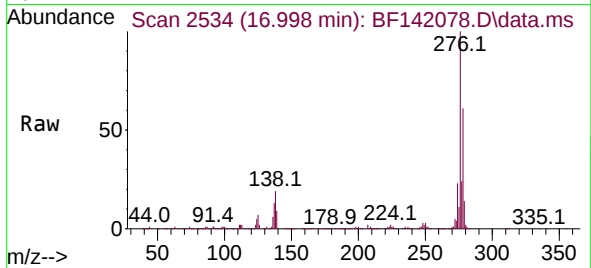
Tgt Ion:264 Resp: 292647
Ion Ratio Lower Upper
264 100
260 23.1 19.1 28.7
265 21.5 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.696 ng
RT: 16.998 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

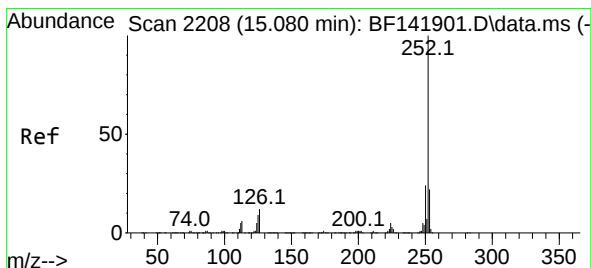
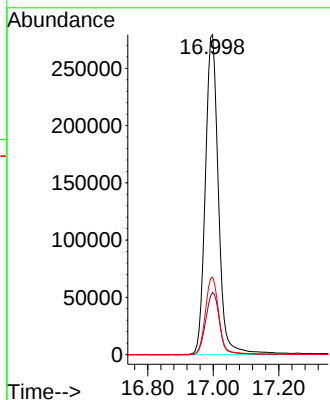
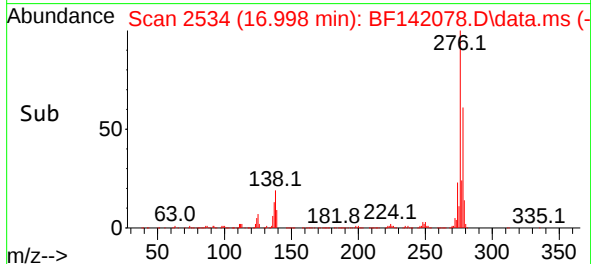
Instrument :
BNA_F
ClientSampleId :
PB167254BS



Tgt Ion:276 Resp: 770408
Ion Ratio Lower Upper
276 100
138 20.7 18.4 27.6
277 25.1 20.3 30.5

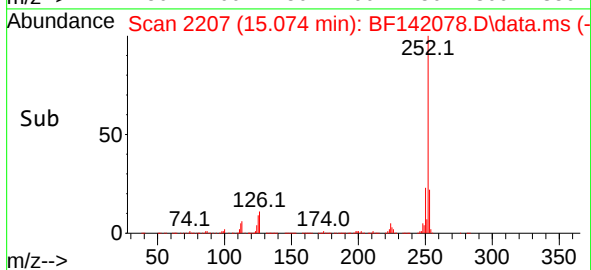
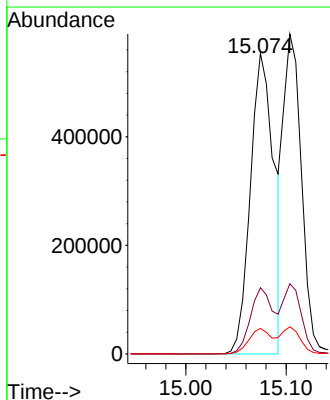
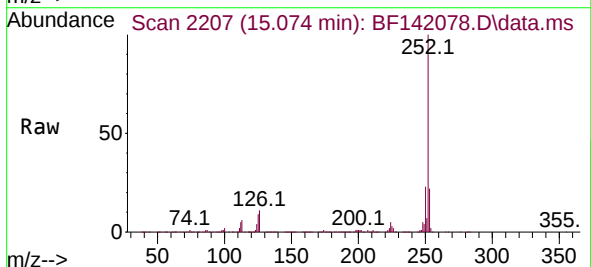
Manual Integrations
APPROVED

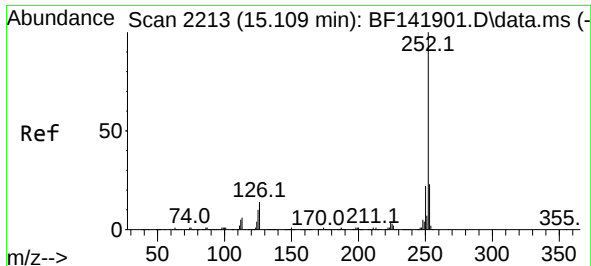
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#88
Benzo(b)fluoranthene
Concen: 45.226 ng
RT: 15.074 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

Tgt Ion:252 Resp: 907093
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: 43.705 ng

RT: 15.104 min Scan# 2213

Delta R.T. -0.006 min

Lab File: BF142078.D

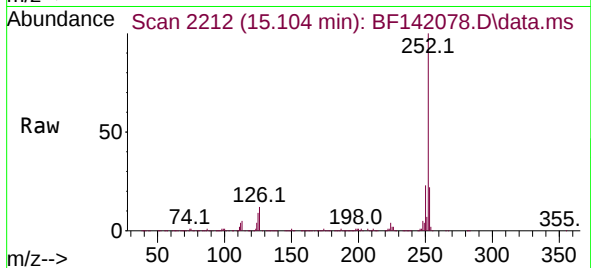
Acq: 25 Mar 2025 15:07

Instrument :

BNA_F

ClientSampleId :

PB167254BS



Tgt Ion:252 Resp: 750155

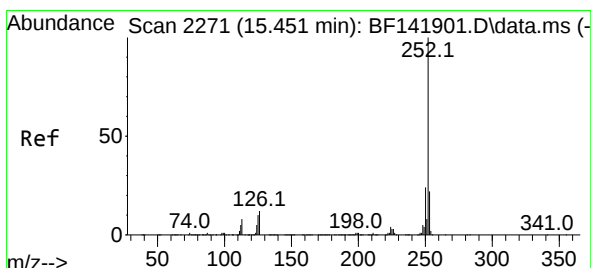
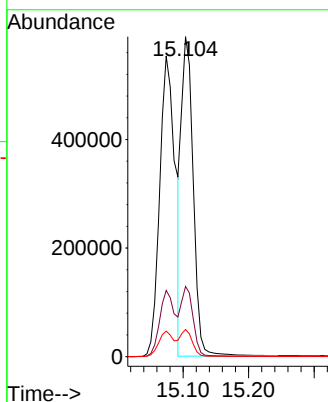
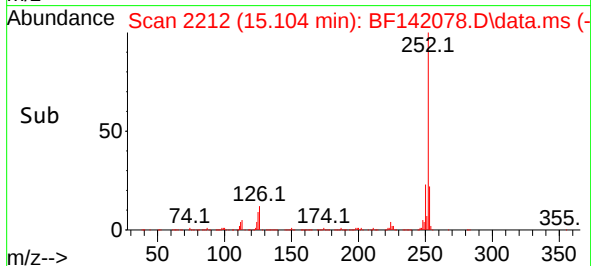
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	8.5	7.2	10.8

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/26/2025

Supervised By :Jagrut Upadhyay 03/26/2025



#90

Benzo(a)pyrene

Concen: 48.743 ng

RT: 15.445 min Scan# 2270

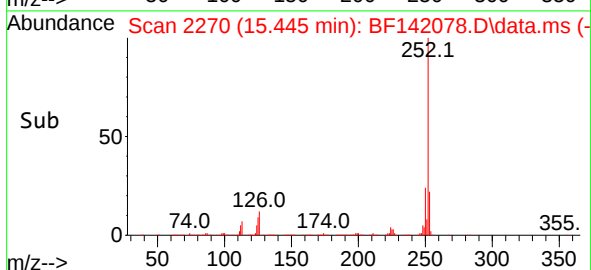
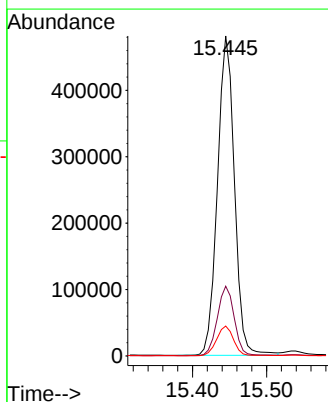
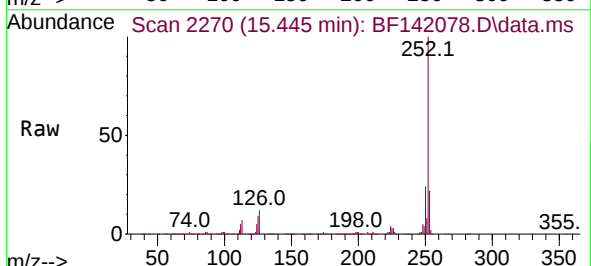
Delta R.T. -0.006 min

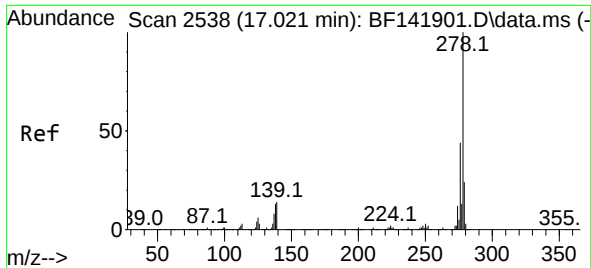
Lab File: BF142078.D

Acq: 25 Mar 2025 15:07

Tgt Ion:252 Resp: 764955

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	9.3	7.8	11.8





#91
Dibenzo(a,h)anthracene
Concen: 39.861 ng
RT: 17.009 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

Instrument :

BNA_F

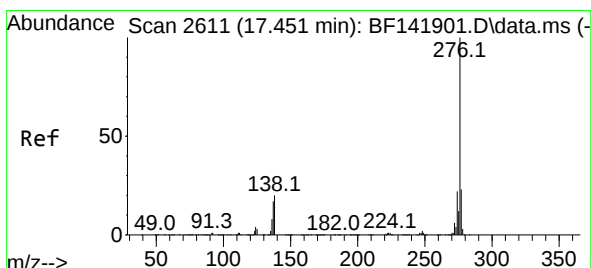
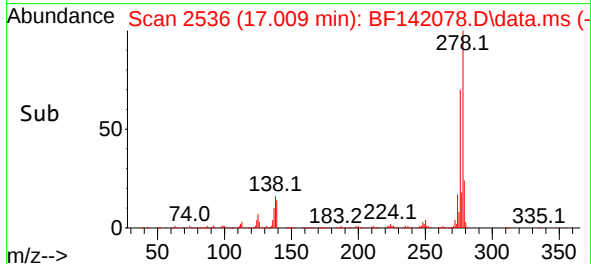
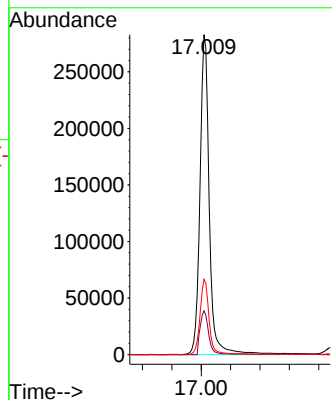
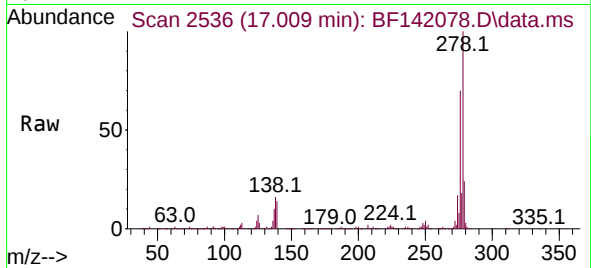
ClientSampleId :

PB167254BS

Tgt Ion:278 Resp: 622602
Ion Ratio Lower Upper
278 100
139 13.7 11.4 17.2
279 23.5 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: 36.434 ng
RT: 17.445 min Scan# 2610
Delta R.T. -0.006 min
Lab File: BF142078.D
Acq: 25 Mar 2025 15:07

Tgt Ion:276 Resp: 562360
Ion Ratio Lower Upper
276 100
277 23.5 18.7 28.1
138 17.4 15.8 23.8

