

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
 Data File : BF142726.D
 Acq On : 11 Jun 2025 10:51
 Operator : RC/JU
 Sample : PB168234BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168234BS

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 06/12/2025
 Supervised By :Jagrut Upadhyay 06/12/2025

Quant Time: Jun 11 11:39:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 11 05:56:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	83192	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	318279	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	176454	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	298489	20.000	ng	0.00
76) Chrysene-d12	14.069	240	155305	20.000	ng	0.00
86) Perylene-d12	15.563	264	159844	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	584197	119.599	ng	0.02
7) Phenol-d6	6.528	99	691853	120.354	ng	0.00
23) Nitrobenzene-d5	7.457	82	441985	75.999	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	238472	123.311	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	984029	74.089	ng	0.00
79) Terphenyl-d14	13.010	244	911215	80.583	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	68122	35.240	ng	99
3) Pyridine	3.516	79	188401	38.870	ng	100
4) n-Nitrosodimethylamine	3.475	42	107977	43.540	ng	100
6) Aniline	6.557	93	201688	26.214	ng	96
8) 2-Chlorophenol	6.675	128	236557	44.316	ng	100
9) Benzaldehyde	6.440	77	116066	32.604	ng	98
10) Phenol	6.540	94	269986	42.254	ng	95
11) bis(2-Chloroethyl)ether	6.628	93	206382	43.243	ng	100
12) 1,3-Dichlorobenzene	6.834	146	256435	42.095	ng	99
13) 1,4-Dichlorobenzene	6.910	146	258872	42.048	ng	100
14) 1,2-Dichlorobenzene	7.063	146	246901	41.837	ng	99
15) Benzyl Alcohol	7.034	79	196868	45.311	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	313231	41.685	ng	90
17) 2-Methylphenol	7.145	107	184321	45.042	ng	99
18) Hexachloroethane	7.404	117	92683	42.008	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	156371	42.729	ng	99
20) 3+4-Methylphenols	7.298	107	229683	44.520	ng	98
22) Acetophenone	7.304	105	311295	43.969	ng	98
24) Nitrobenzene	7.475	77	232002	44.948	ng	97
25) Isophorone	7.716	82	428493	43.516	ng	99
26) 2-Nitrophenol	7.793	139	133453	46.328	ng	99
27) 2,4-Dimethylphenol	7.828	122	219710	44.798	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	270365	44.224	ng	99
29) 2,4-Dichlorophenol	8.034	162	208108	45.979	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	218563	43.700	ng	99
31) Naphthalene	8.198	128	689361	43.794	ng	99
32) Benzoic acid	7.957	122	138145	50.015	ng	100
33) 4-Chloroaniline	8.245	127	65521m	10.367	ng	
34) Hexachlorobutadiene	8.316	225	138408	43.427	ng	99
35) Caprolactam	8.622	113	62727m	51.341	ng	
36) 4-Chloro-3-methylphenol	8.734	107	212482	45.148	ng	100
37) 2-Methylnaphthalene	8.892	142	438004	43.962	ng	100
38) 1-Methylnaphthalene	8.992	142	450044	43.604	ng	98
40) 1,2,4,5-Tetrachloroben...	9.057	216	222525	43.572	ng	99
41) Hexachlorocyclopentadiene	9.045	237	288961	88.156	ng	98
43) 2,4,6-Trichlorophenol	9.169	196	154341	46.686	ng	100

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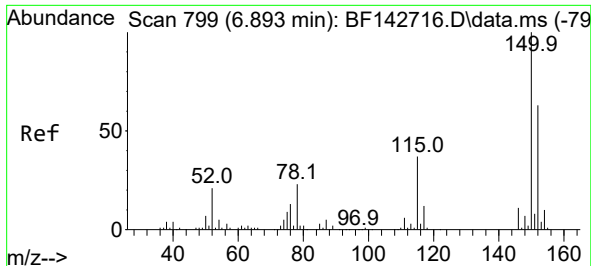
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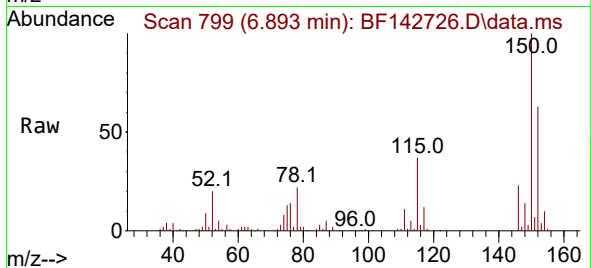
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	160942	45.074	ng	97
46) 1,1'-Biphenyl	9.357	154	606260	44.246	ng	100
47) 2-Chloronaphthalene	9.381	162	443000	43.885	ng	100
48) 2-Nitroaniline	9.475	65	130604	45.490	ng	100
49) Acenaphthylene	9.798	152	751339	44.143	ng	100
50) Dimethylphthalate	9.657	163	544106	46.176	ng	100
51) 2,6-Dinitrotoluene	9.722	165	116765	45.850	ng	97
52) Acenaphthene	9.969	154	521862m	49.451	ng	
53) 3-Nitroaniline	9.886	138	62297	22.553	ng	100
54) 2,4-Dinitrophenol	9.998	184	152241	109.132	ng	92
55) Dibenzofuran	10.145	168	661023	43.987	ng	99
56) 4-Nitrophenol	10.057	139	185324	98.923	ng	99
57) 2,4-Dinitrotoluene	10.128	165	160597	47.695	ng	96
58) Fluorene	10.486	166	523139	44.083	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	136952	45.590	ng	99
60) Diethylphthalate	10.357	149	541870	46.377	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	254023	43.831	ng	100
62) 4-Nitroaniline	10.510	138	114731	46.428	ng	99
63) Azobenzene	10.639	77	458707	44.952	ng	98
65) 4,6-Dinitro-2-methylph...	10.539	198	92727	49.608	ng	96
66) n-Nitrosodiphenylamine	10.598	169	457115	44.552	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	159695	45.325	ng	99
68) Hexachlorobenzene	11.033	284	175582	44.895	ng	100
69) Atrazine	11.122	200	137490	50.262	ng	99
70) Pentachlorophenol	11.233	266	194889	95.063	ng	98
71) Phenanthrene	11.451	178	716195	44.787	ng	100
72) Anthracene	11.504	178	733408	44.335	ng	100
73) Carbazole	11.657	167	636667	45.973	ng	100
74) Di-n-butylphthalate	11.980	149	755120	48.831	ng	99
75) Fluoranthene	12.639	202	691241	45.459	ng	99
77) Benzidine	12.757	184	118967	21.509	ng	99
78) Pyrene	12.869	202	679006	47.047	ng	100
80) Butylbenzylphthalate	13.480	149	213703	50.072	ng	100
81) Benzo(a)anthracene	14.057	228	466488	45.327	ng	99
82) 3,3'-Dichlorobenzidine	14.022	252	65244	19.659	ng	99
83) Chrysene	14.098	228	434351	45.712	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	297822	46.498	ng	99
85) Di-n-octyl phthalate	14.657	149	552324	44.947	ng	100
87) Indeno(1,2,3-cd)pyrene	17.086	276	552121	46.611	ng	100
88) Benzo(b)fluoranthene	15.121	252	466805	49.597	ng	100
89) Benzo(k)fluoranthene	15.151	252	405150	44.366	ng	99
90) Benzo(a)pyrene	15.504	252	427694	47.794	ng	99
91) Dibenzo(a,h)anthracene	17.104	278	461373	47.702	ng	99
92) Benzo(g,h,i)perylene	17.545	276	443588	46.121	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

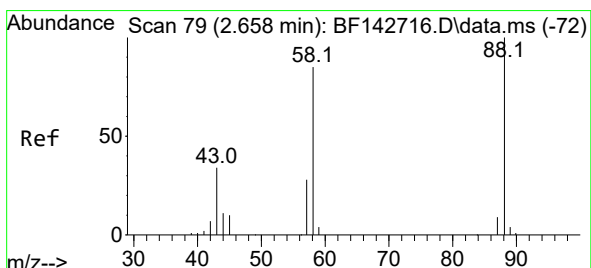
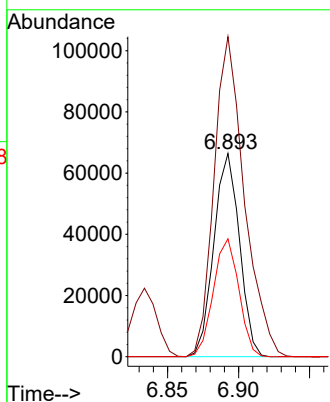
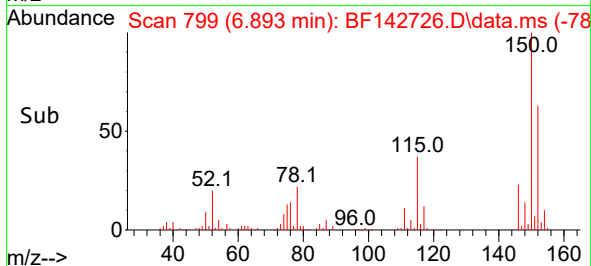
Instrument :
BNA_F
Client SampleId :
PB168234BS



Tgt Ion:152 Resp: 83192
Ion Ratio Lower Upper
152 100
150 157.5 126.9 190.3
115 58.0 47.0 70.6

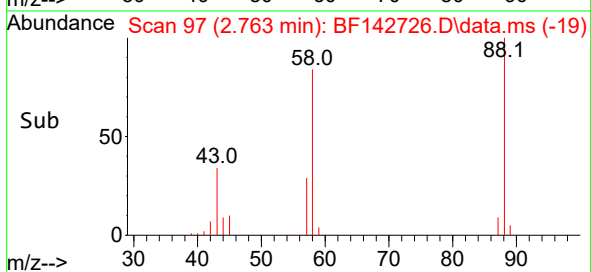
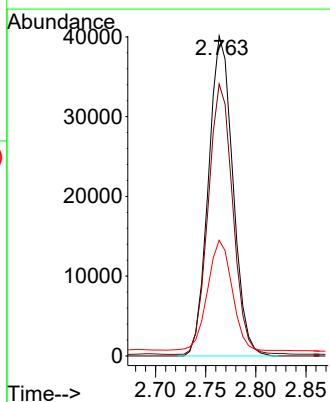
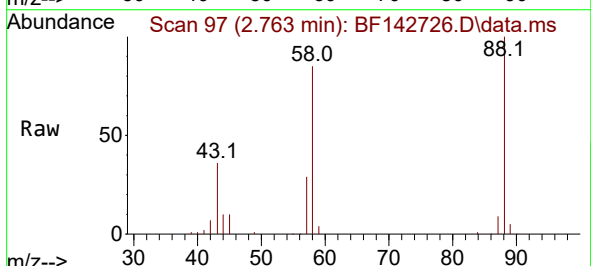
Manual Integrations
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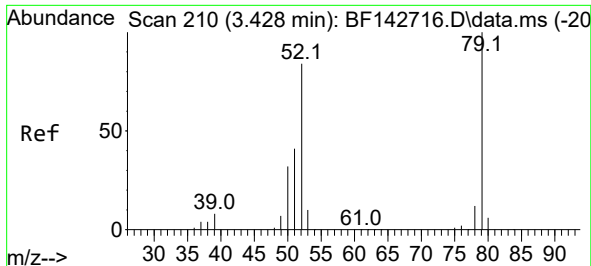
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#2
1,4-Dioxane
Concen: 35.240 ng
RT: 2.763 min Scan# 97
Delta R.T. 0.106 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

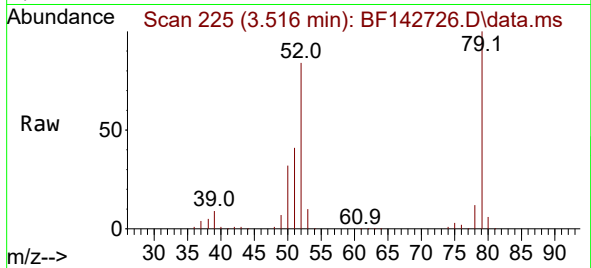
Tgt Ion: 88 Resp: 68122
Ion Ratio Lower Upper
88 100
58 84.8 68.4 102.6
43 35.6 27.0 40.6





#3
Pyridine
Concen: 38.870 ng
RT: 3.516 min Scan# 210
Delta R.T. 0.088 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

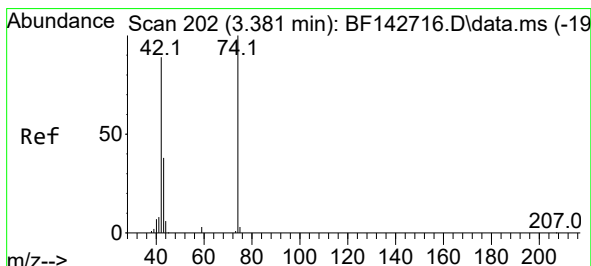
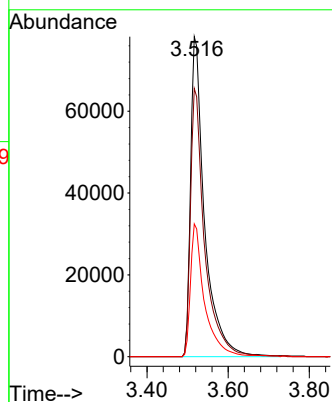
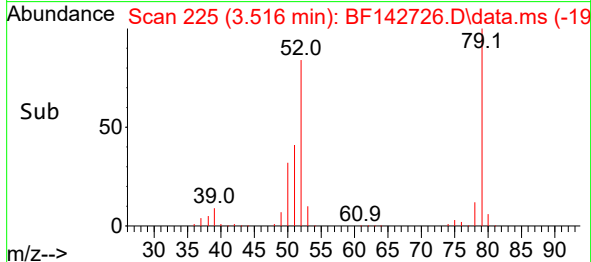
Instrument :
BNA_F
ClientSampleId :
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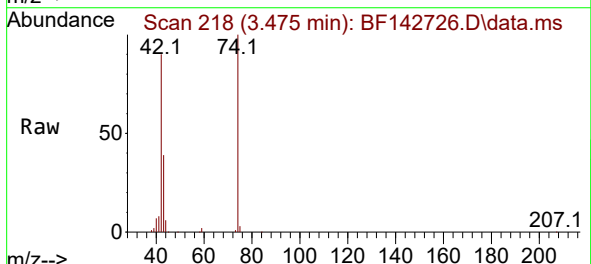
Tgt Ion: 79 Resp: 18840
Ion Ratio Lower Upper
79 100
52 83.8 67.1 100.7
51 41.5 32.6 48.8

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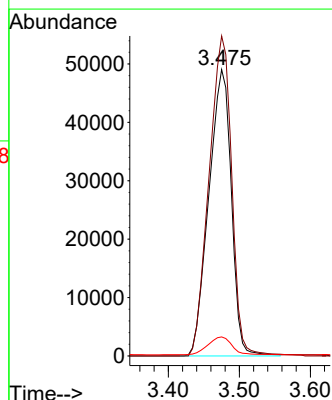
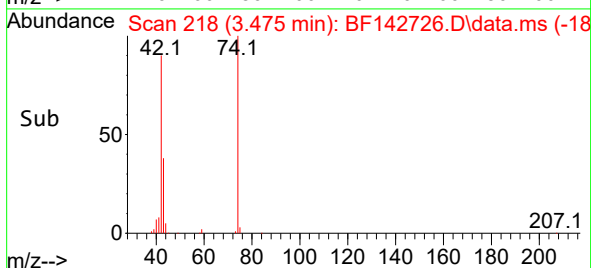
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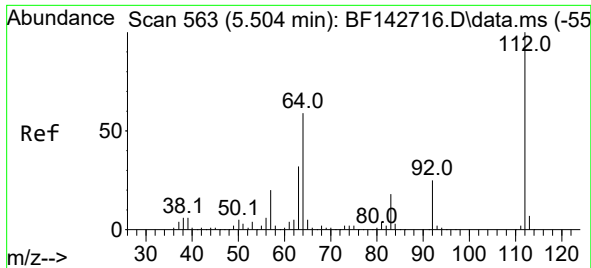


#4
n-Nitrosodimethylamine
Concen: 43.540 ng
RT: 3.475 min Scan# 218
Delta R.T. 0.094 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51



Tgt Ion: 42 Resp: 107977
Ion Ratio Lower Upper
42 100
74 111.7 89.6 134.4
44 6.7 5.4 8.2





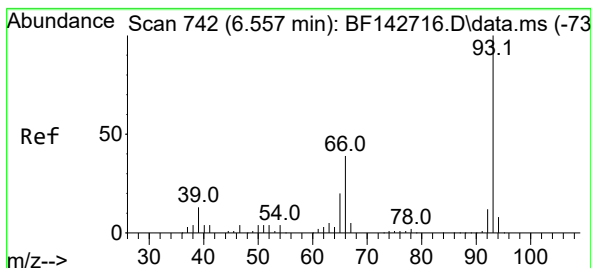
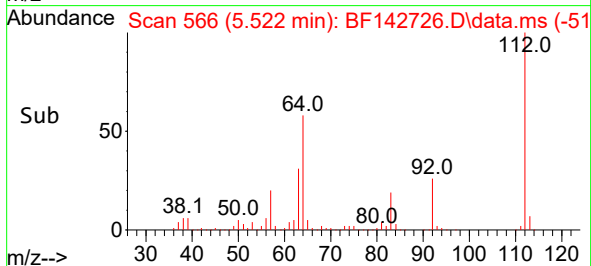
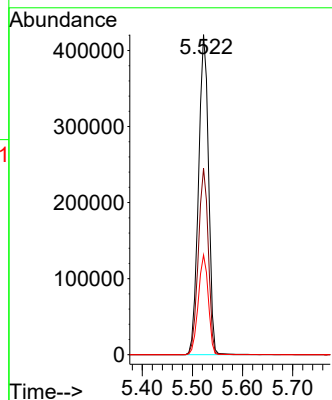
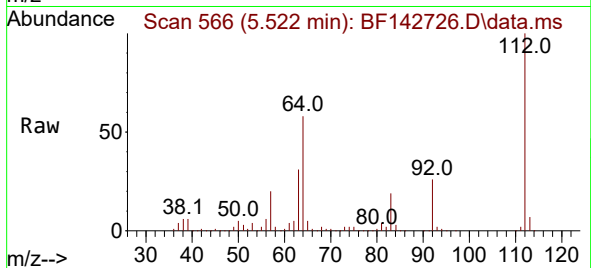
#5
2-Fluorophenol
Concen: 119.599 ng
RT: 5.522 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion:112 Resp: 58419
Ion Ratio Lower Upper
112 100
64 58.2 47.4 71.2
63 31.1 25.4 38.0

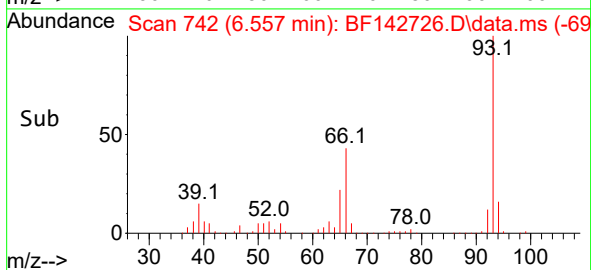
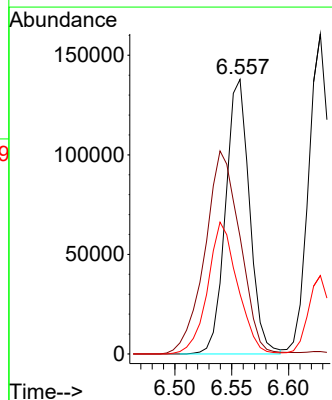
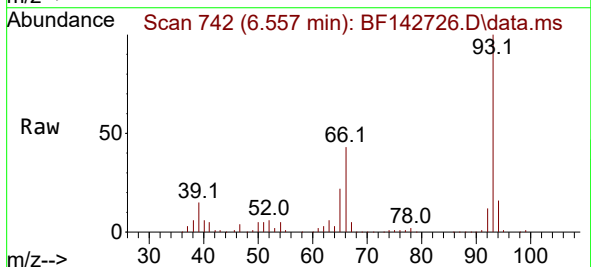
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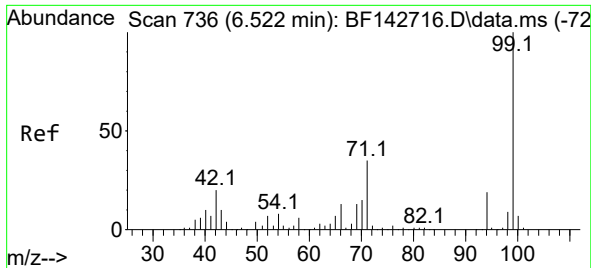
Reviewed By :Anahy Claudio 06/12/2025
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#6
Aniline
Concen: 26.214 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion: 93 Resp: 201688
Ion Ratio Lower Upper
93 100
66 42.7 32.0 48.0
65 21.8 16.1 24.1





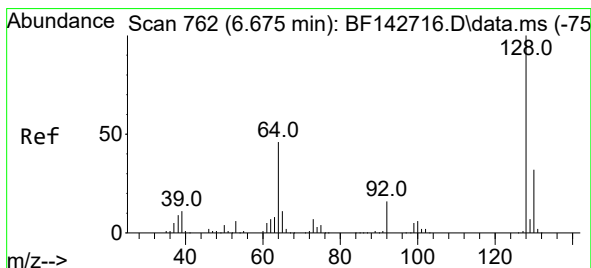
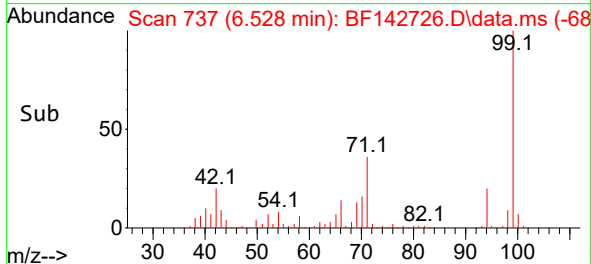
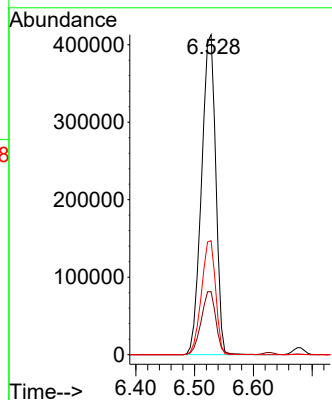
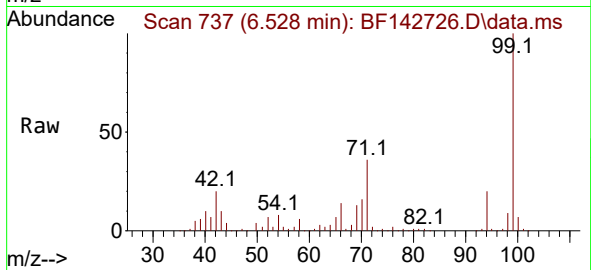
#7
Phenol-d6
Concen: 120.354 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion: 99 Resp: 69185
Ion Ratio Lower Upper
99 100
42 19.7 15.9 23.9
71 35.6 28.0 42.0

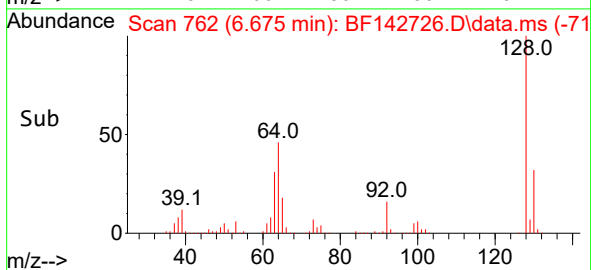
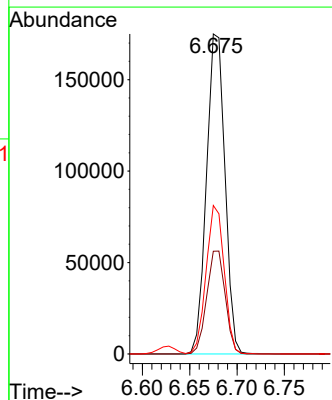
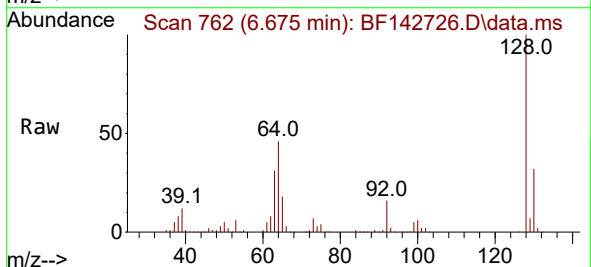
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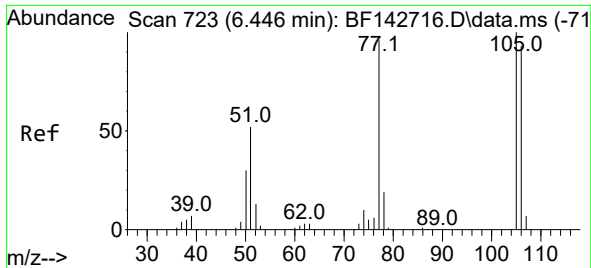
Reviewed By :Anahy Claudio 06/12/2025
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#8
2-Chlorophenol
Concen: 44.316 ng
RT: 6.675 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

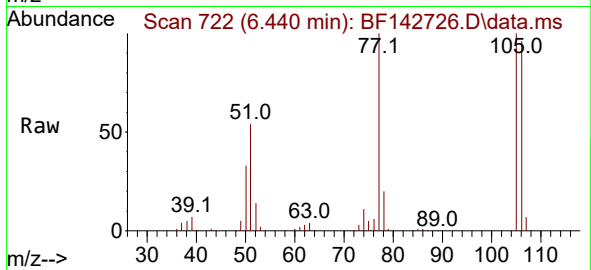
Tgt Ion:128 Resp: 236557
Ion Ratio Lower Upper
128 100
130 32.1 12.4 52.4
64 46.4 26.5 66.5





#9
Benzaldehyde
Concen: 32.604 ng
RT: 6.440 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

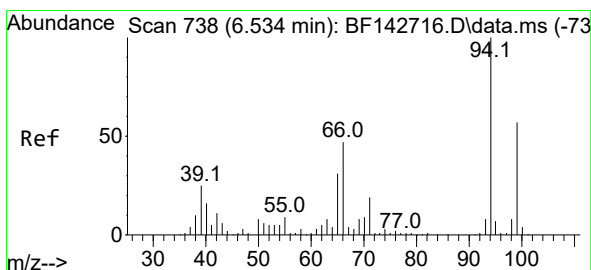
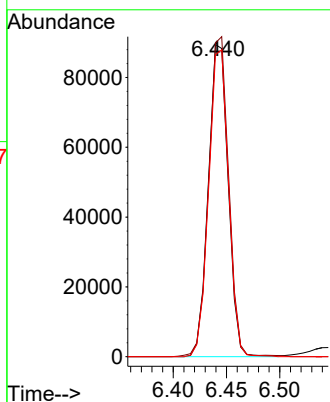
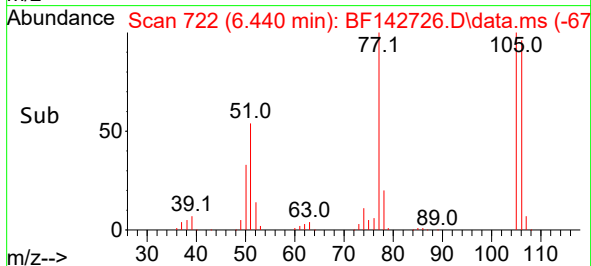
Instrument :
BNA_F
ClientSampleId :
PB168234BS



Tgt Ion: 77 Resp: 116060
Ion Ratio Lower Upper
77 100
105 100.5 84.1 124.1
106 96.8 77.2 117.2

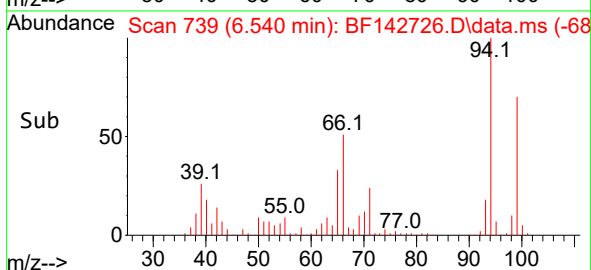
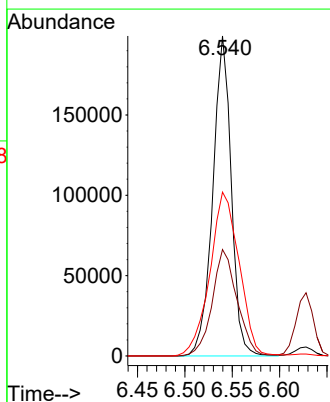
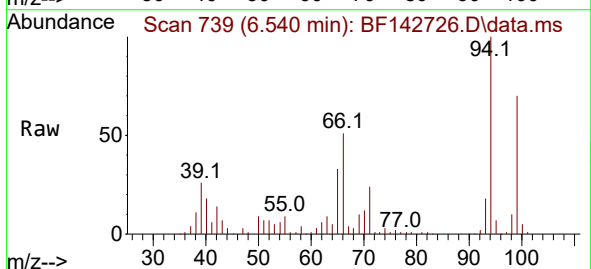
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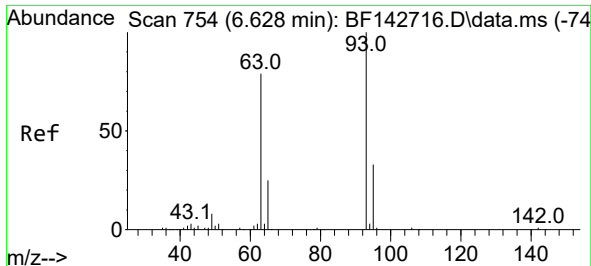
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#10
Phenol
Concen: 42.254 ng
RT: 6.540 min Scan# 739
Delta R.T. 0.006 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion: 94 Resp: 269986
Ion Ratio Lower Upper
94 100
65 33.2 11.4 51.4
66 51.2 26.7 66.7





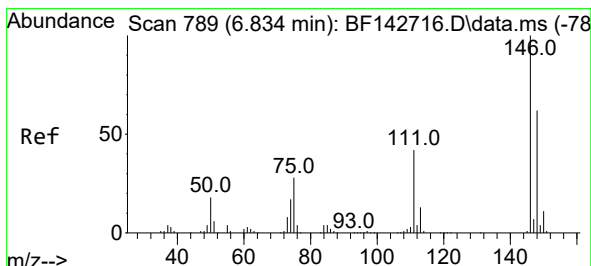
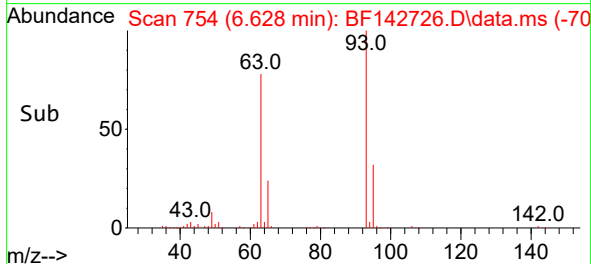
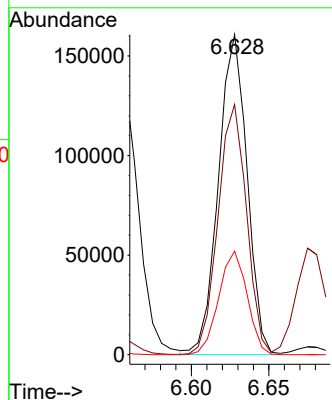
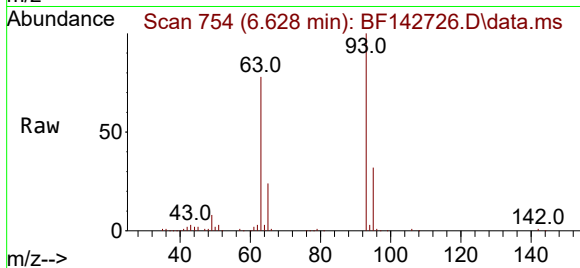
#11
bis(2-Chloroethyl)ether
Concen: 43.243 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion: 93 Resp: 20638
Ion Ratio Lower Upper
93 100
63 78.2 58.3 98.3
95 32.4 13.1 53.1

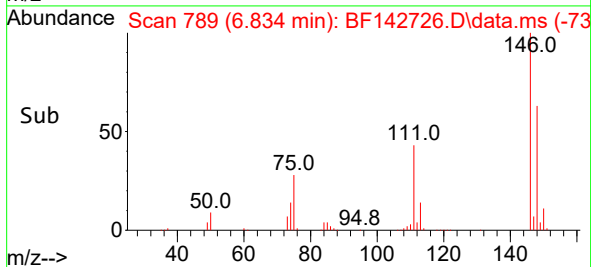
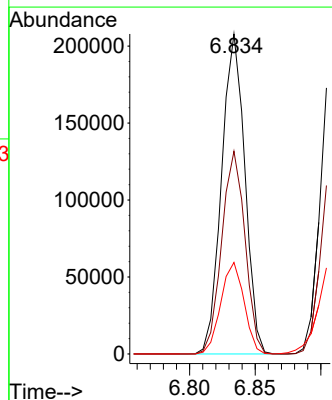
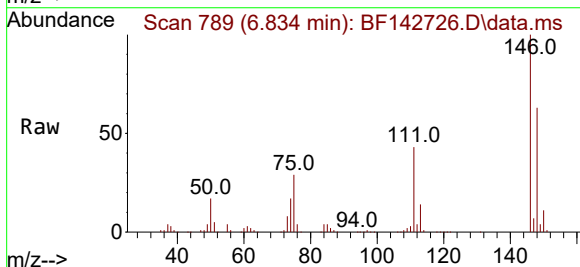
Manual Integrations
APPROVED

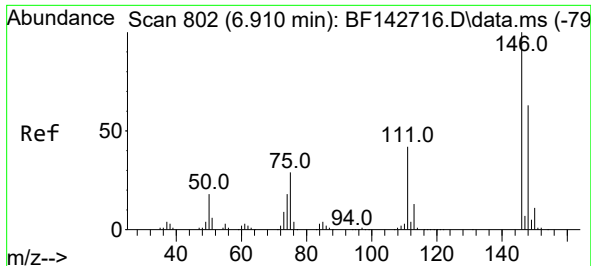
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#12
1,3-Dichlorobenzene
Concen: 42.095 ng
RT: 6.834 min Scan# 789
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion:146 Resp: 256435
Ion Ratio Lower Upper
146 100
148 63.3 49.9 74.9
75 28.6 22.6 34.0





#13

1,4-Dichlorobenzene

Concen: 42.048 ng

RT: 6.910 min Scan# 802

Delta R.T. 0.000 min

Lab File: BF142726.D

Acq: 11 Jun 2025 10:51

Instrument :

BNA_F

ClientSampleId :

PB168234BS

Tgt Ion:146 Resp: 258872

Ion Ratio Lower Upper

146 100

148 63.6 50.5 75.7

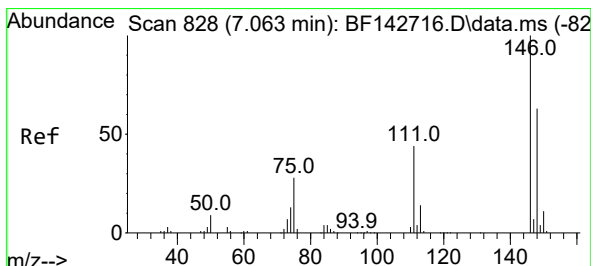
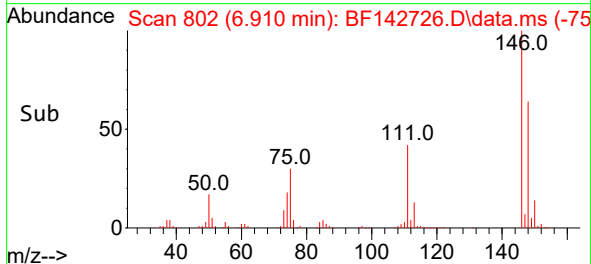
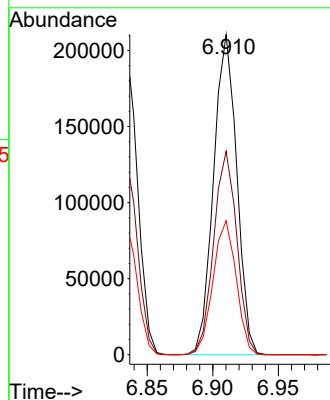
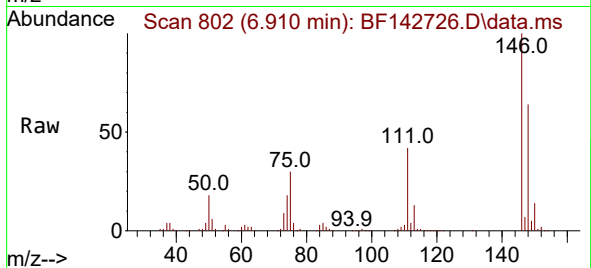
111 41.8 33.6 50.4

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 06/12/2025

Supervised By :Jagrut Upadhyay 06/12/2025



#14

1,2-Dichlorobenzene

Concen: 41.837 ng

RT: 7.063 min Scan# 828

Delta R.T. 0.000 min

Lab File: BF142726.D

Acq: 11 Jun 2025 10:51

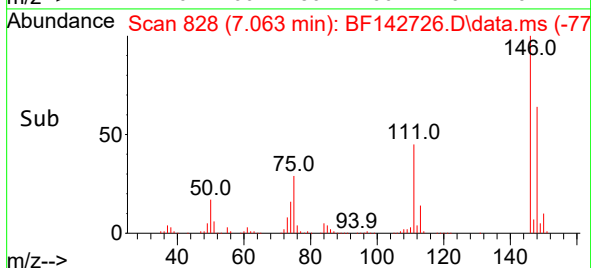
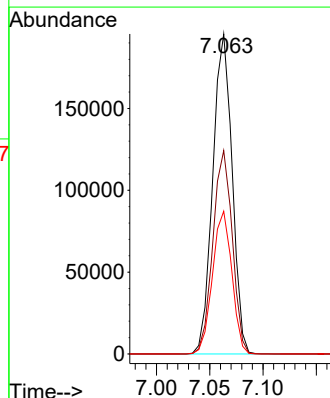
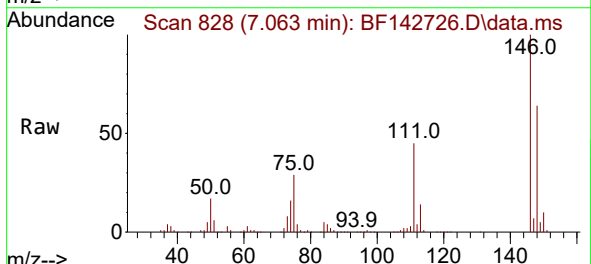
Tgt Ion:146 Resp: 246901

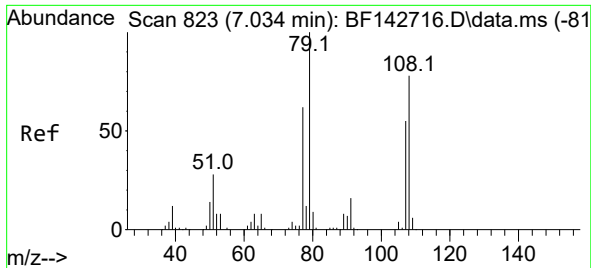
Ion Ratio Lower Upper

146 100

148 63.5 50.4 75.6

111 44.6 35.2 52.8





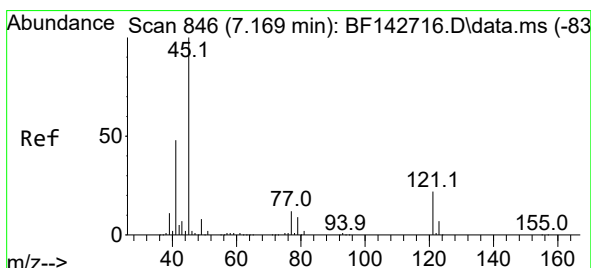
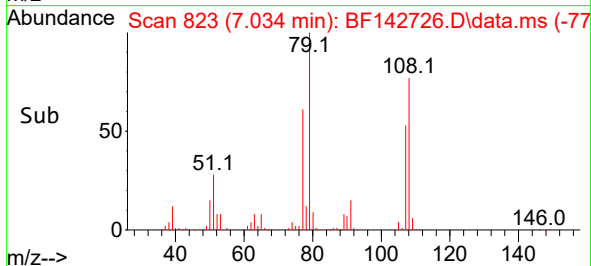
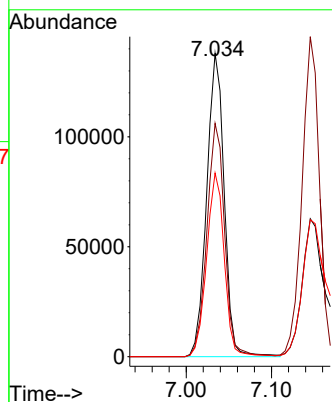
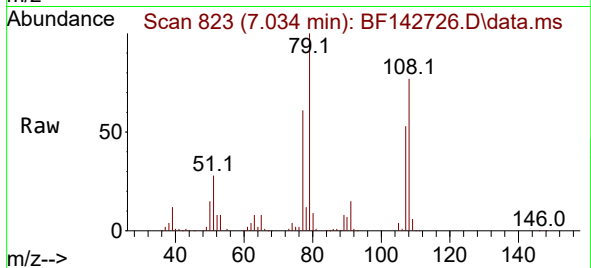
#15
Benzyl Alcohol
Concen: 45.311 ng
RT: 7.034 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion: 79 Resp: 19686
Ion Ratio Lower Upper
79 100
108 76.9 62.6 94.0
77 60.6 49.8 74.8

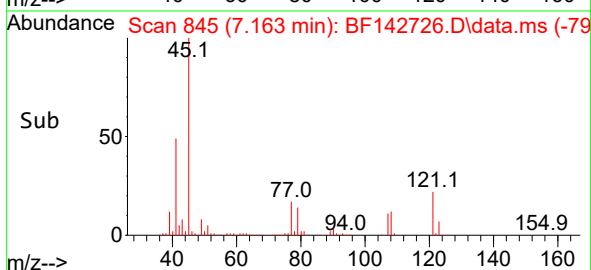
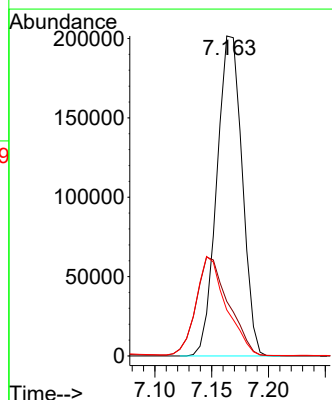
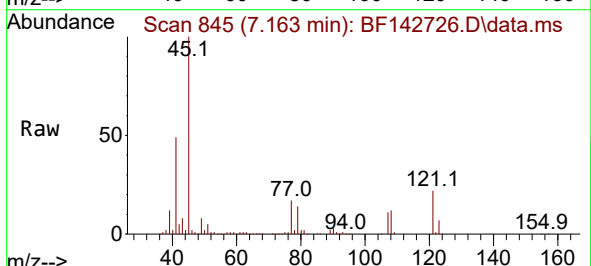
Manual Integrations
APPROVED

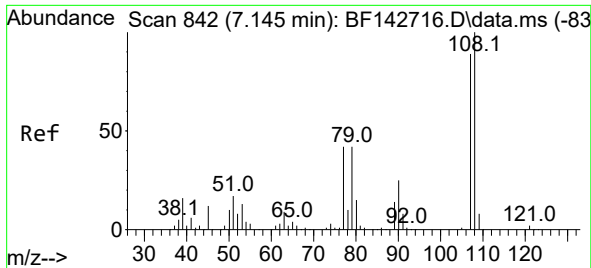
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.685 ng
RT: 7.163 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

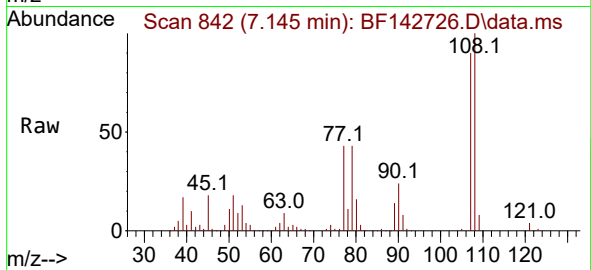
Tgt Ion: 45 Resp: 313231
Ion Ratio Lower Upper
45 100
77 17.1 0.0 33.1
79 14.4 0.0 30.5





#17
2-Methylphenol
Concen: 45.042 ng
RT: 7.145 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

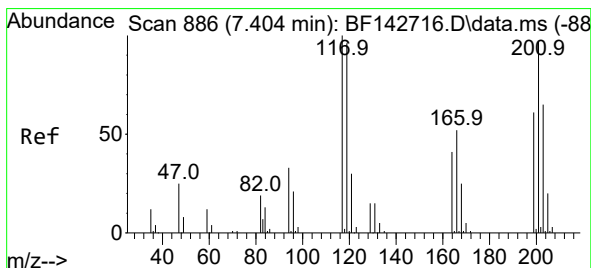
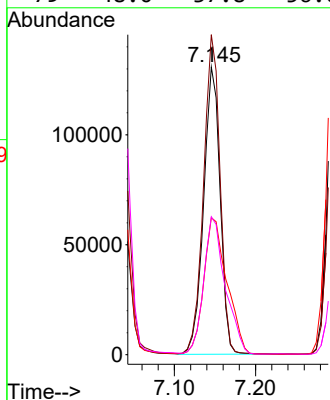
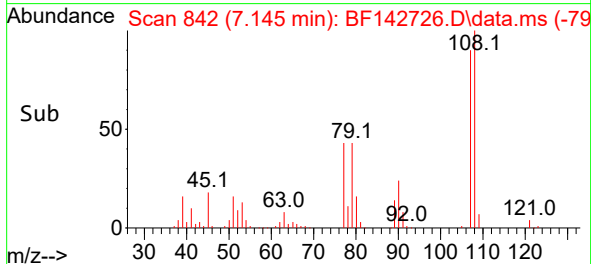
Instrument :
BNA_F
ClientSampleId :
PB168234BS



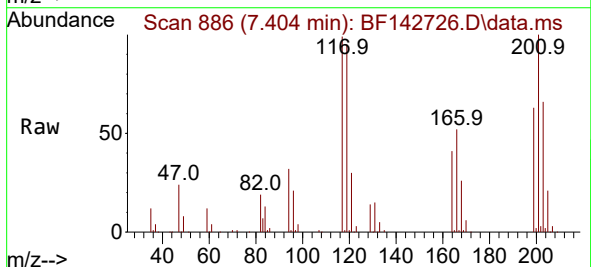
Tgt Ion:107 Resp: 18432
Ion Ratio Lower Upper
107 100
108 111.2 90.0 135.0
77 47.6 38.2 57.2
79 48.0 37.8 56.6

Manual Integrations
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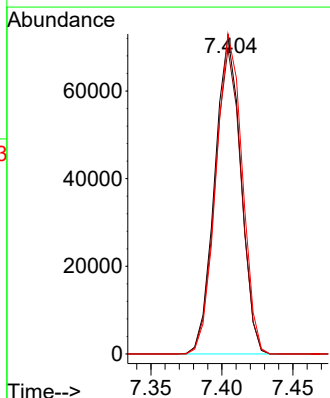
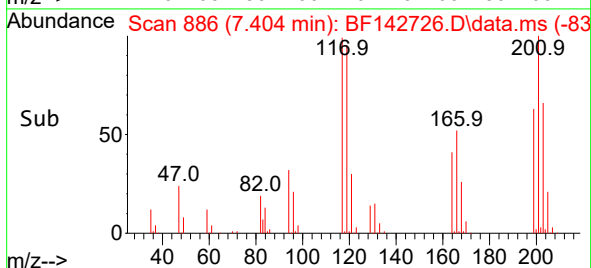
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

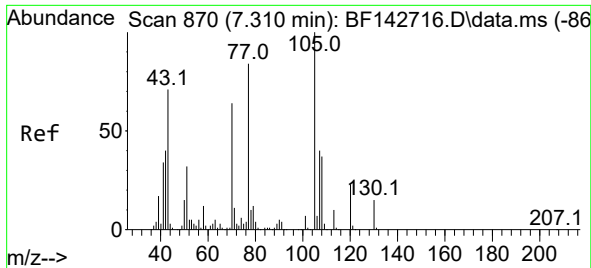


#18
Hexachloroethane
Concen: 42.008 ng
RT: 7.404 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51



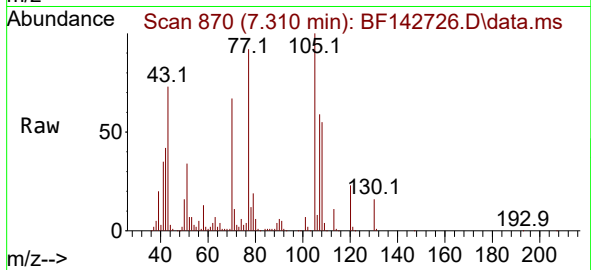
Tgt Ion:117 Resp: 92683
Ion Ratio Lower Upper
117 100
119 96.0 76.4 114.6
201 100.8 77.8 116.6





#19
n-Nitroso-di-n-propylamine
Concen: 42.729 ng
RT: 7.310 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

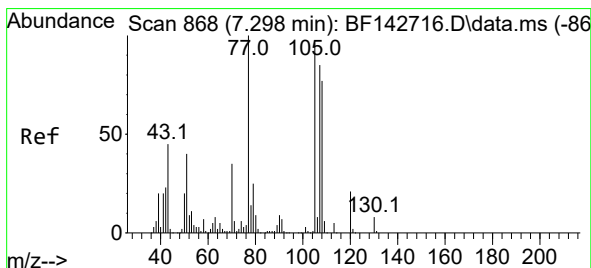
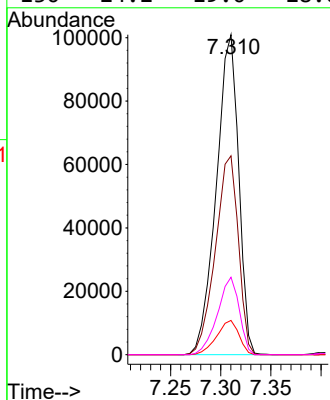
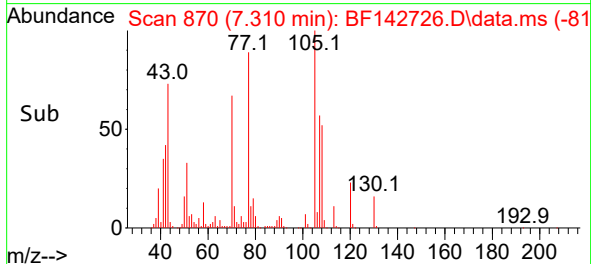
Instrument :
BNA_F
ClientSampleId :
PB168234BS



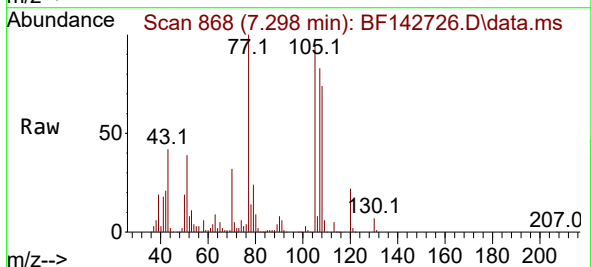
Tgt Ion: 70 Resp: 15637
Ion Ratio Lower Upper
70 100
42 62.2 50.2 75.4
101 10.7 8.3 12.5
130 24.2 19.0 28.6

Manual Integrations
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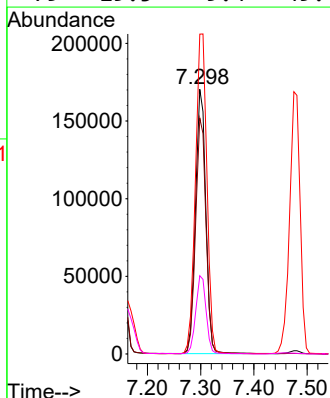
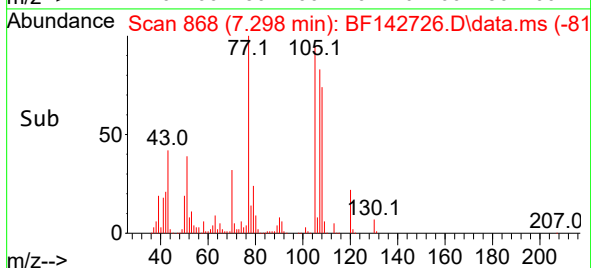
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

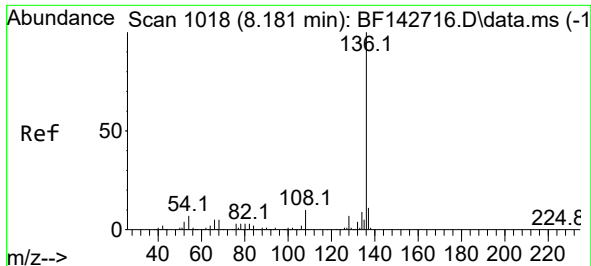


#20
3+4-Methylphenols
Concen: 44.520 ng
RT: 7.298 min Scan# 868
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51



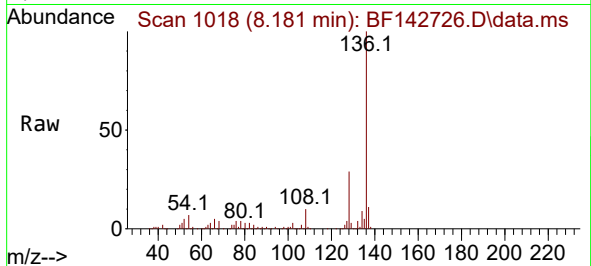
Tgt Ion:107 Resp: 229683
Ion Ratio Lower Upper
107 100
108 89.1 69.9 109.9
77 120.8 97.4 137.4
79 29.5 9.4 49.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

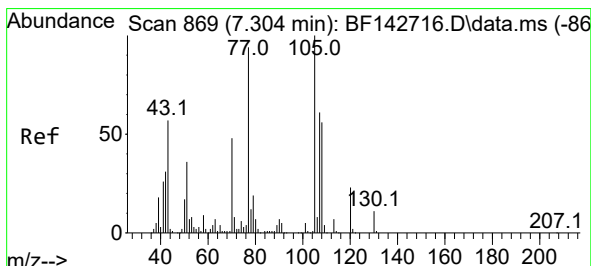
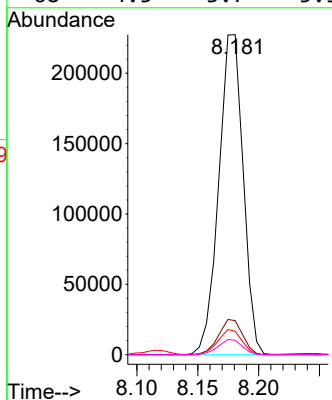
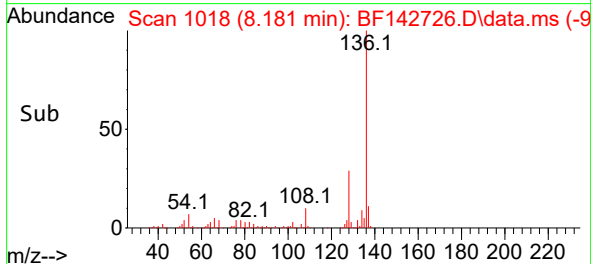
Instrument :
BNA_F
ClientSampleId :
PB168234BS



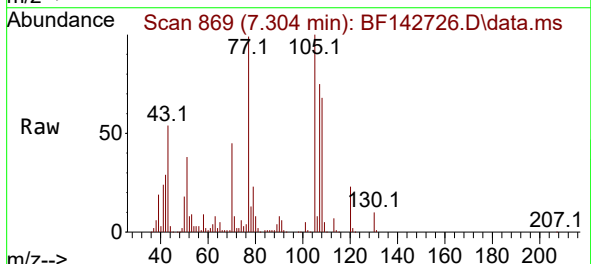
Tgt Ion:136 Resp: 318279
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 7.3 5.9 8.9
68 4.5 3.7 5.5

Manual Integrations
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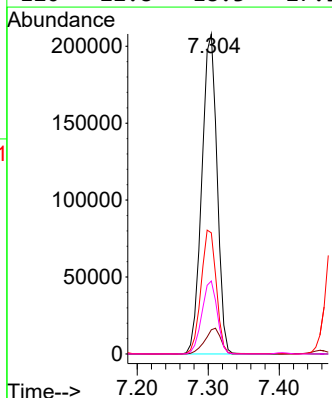
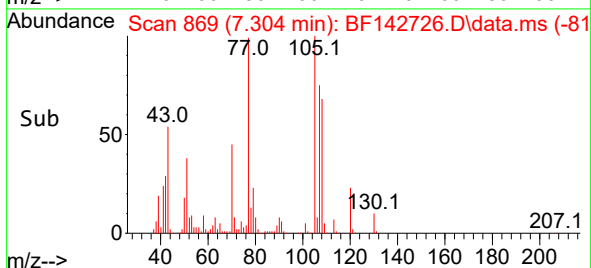
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

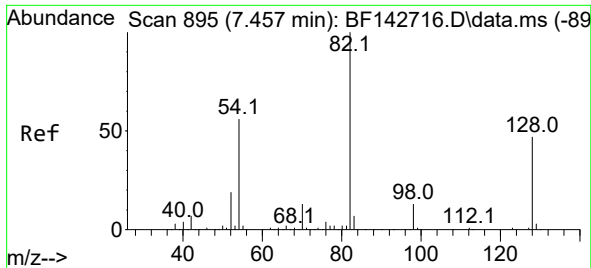


#22
Acetophenone
Concen: 43.969 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51



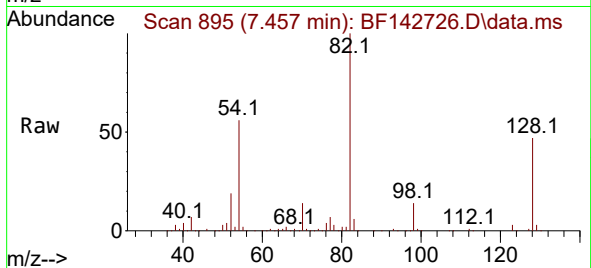
Tgt Ion:105 Resp: 311295
Ion Ratio Lower Upper
105 100
71 7.5 6.4 9.6
51 37.8 29.1 43.7
120 22.8 18.3 27.5





#23
Nitrobenzene-d5
Concen: 75.999 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

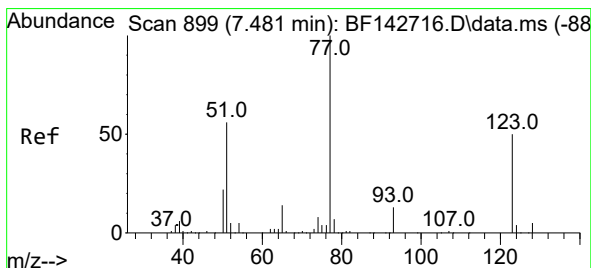
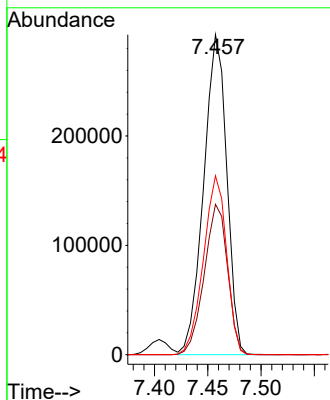
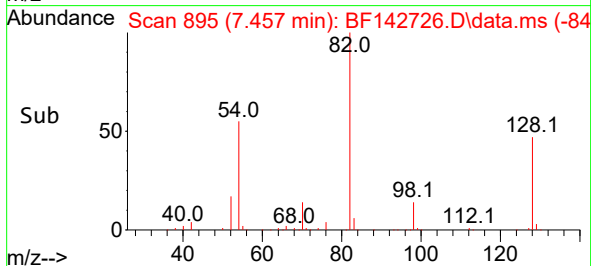
Instrument :
BNA_F
ClientSampleId :
PB168234BS



Tgt Ion: 82 Resp: 441985
Ion Ratio Lower Upper
82 100
128 47.0 37.8 56.8
54 55.9 44.9 67.3

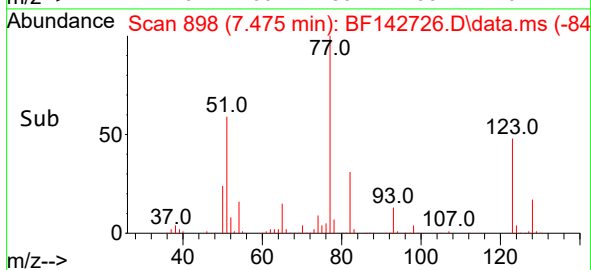
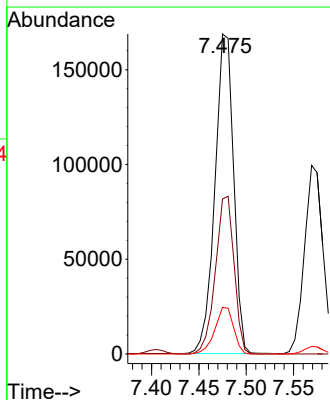
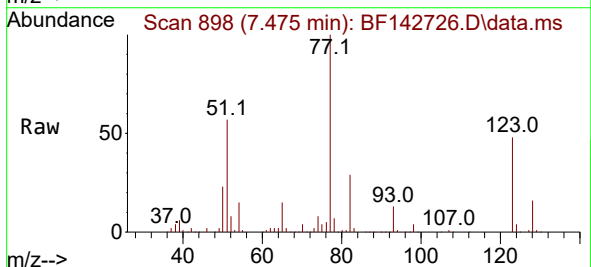
Manual Integrations
APPROVED

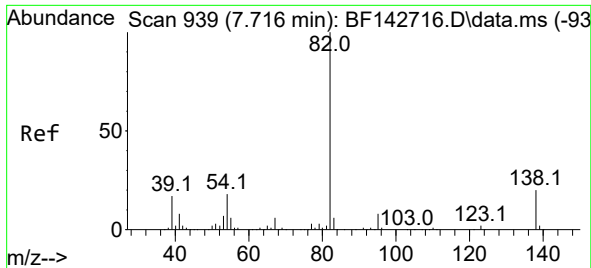
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#24
Nitrobenzene
Concen: 44.948 ng
RT: 7.475 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

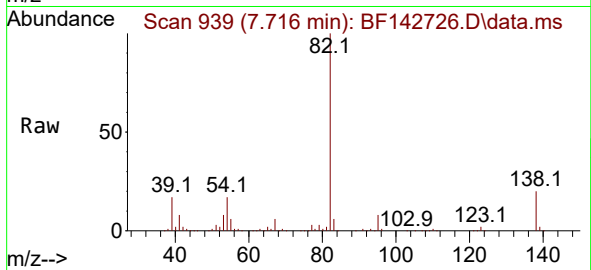
Tgt Ion: 77 Resp: 232002
Ion Ratio Lower Upper
77 100
123 48.4 40.8 61.2
65 14.5 11.5 17.3





#25
Isophorone
Concen: 43.516 ng
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

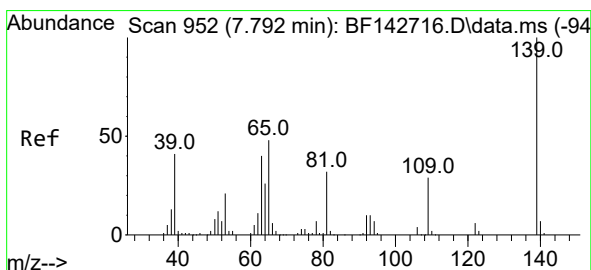
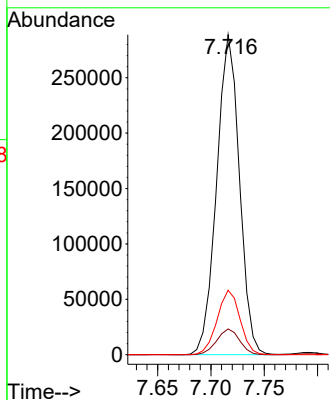
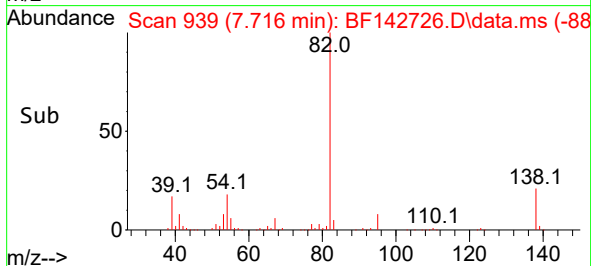
Instrument :
BNA_F
ClientSampleId :
PB168234BS



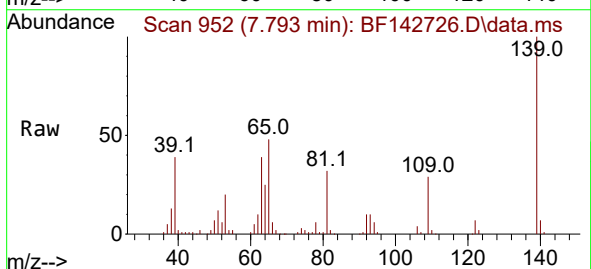
Tgt Ion: 82 Resp: 42849
Ion Ratio Lower Upper
82 100
95 8.0 6.0 9.0
138 20.2 15.8 23.6

Manual Integrations
APPROVED

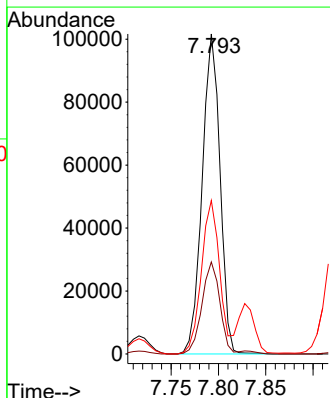
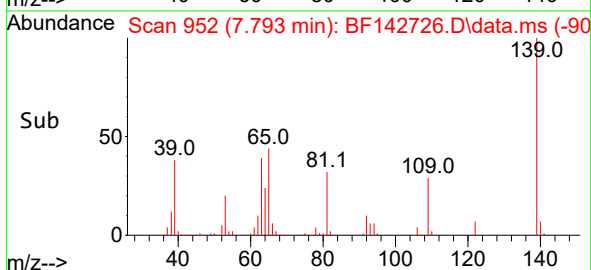
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

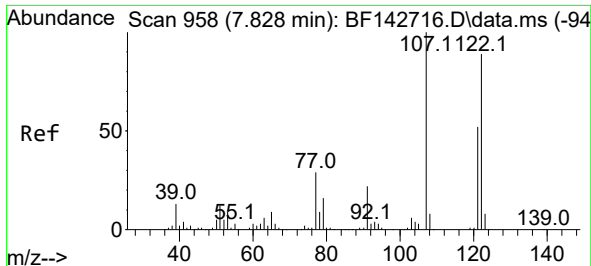


#26
2-Nitrophenol
Concen: 46.328 ng
RT: 7.793 min Scan# 952
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51



Tgt Ion:139 Resp: 133453
Ion Ratio Lower Upper
139 100
109 28.8 23.4 35.2
65 48.0 38.7 58.1





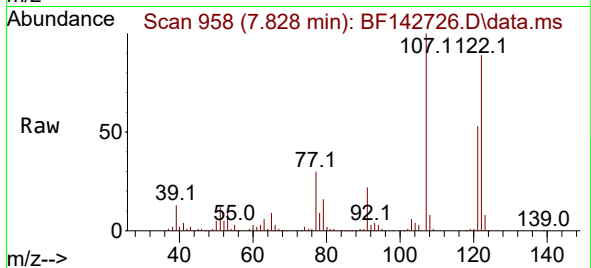
#27
2,4-Dimethylphenol
Concen: 44.798 ng
RT: 7.828 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :

BNA_F

ClientSampleId :

PB168234BS

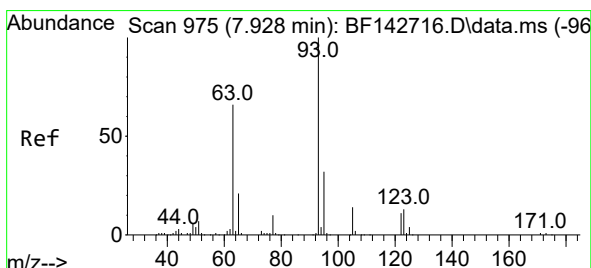
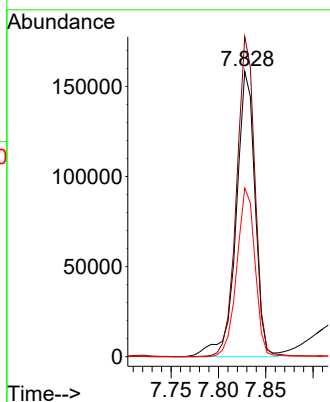
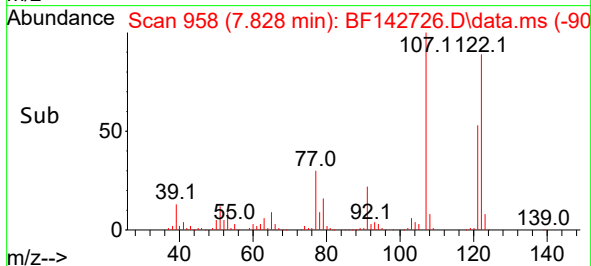


Tgt Ion:122 Resp: 219710
Ion Ratio Lower Upper
122 100
107 112.2 90.4 135.6
121 59.1 46.9 70.3

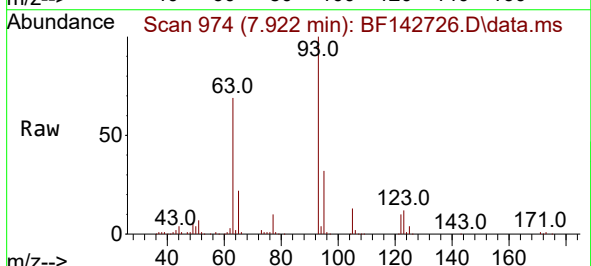
Manual Integrations

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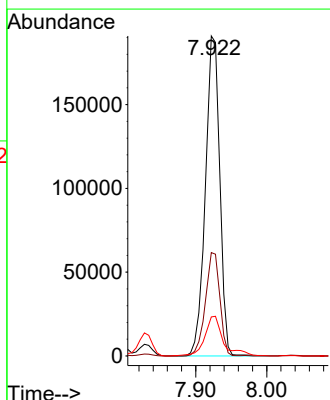
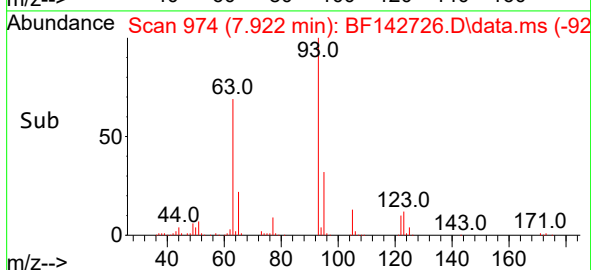
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

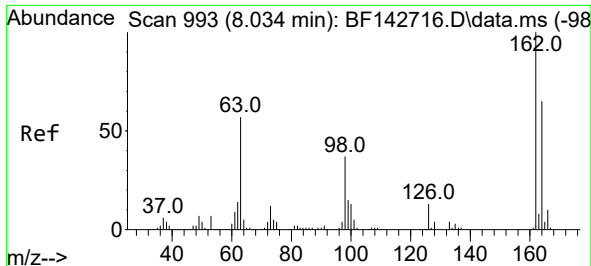


#28
bis(2-Chloroethoxy)methane
Concen: 44.224 ng
RT: 7.922 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51



Tgt Ion: 93 Resp: 270365
Ion Ratio Lower Upper
93 100
95 32.3 25.9 38.9
123 12.2 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 45.979 ng

RT: 8.034 min Scan# 993

Delta R.T. 0.000 min

Lab File: BF142726.D

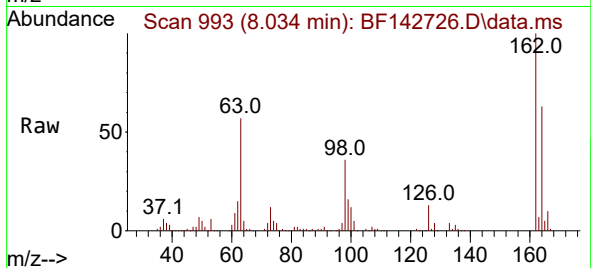
Acq: 11 Jun 2025 10:51

Instrument :

BNA_F

ClientSampleId :

PB168234BS



Tgt Ion:162 Resp: 208108

Ion Ratio Lower Upper

162 100

164 63.1 45.1 85.1

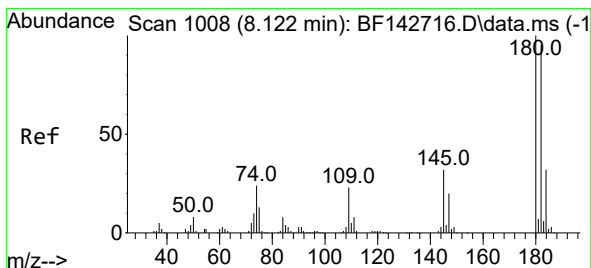
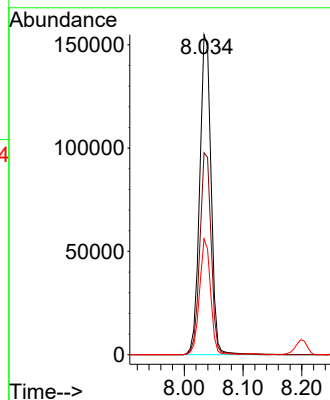
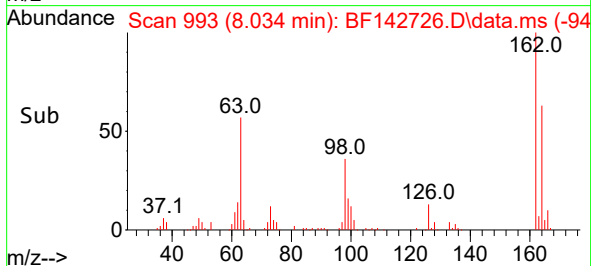
98 36.2 16.7 56.7

Manual Integrations

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Reviewed By :Anahy Claudio 06/12/2025

Supervised By :Jagrut Upadhyay 06/12/2025



#30

1,2,4-Trichlorobenzene

Concen: 43.700 ng

RT: 8.116 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF142726.D

Acq: 11 Jun 2025 10:51

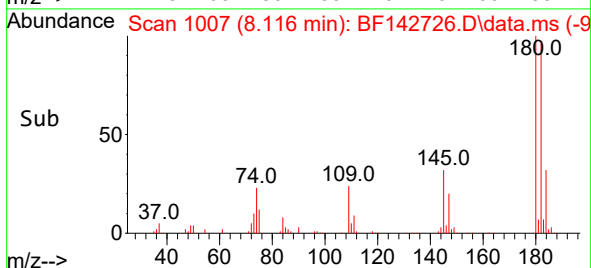
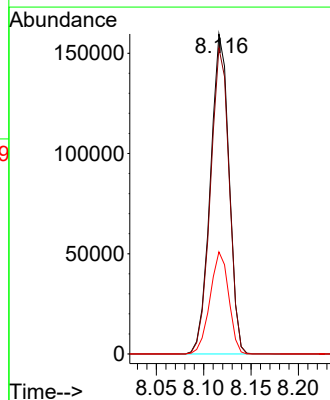
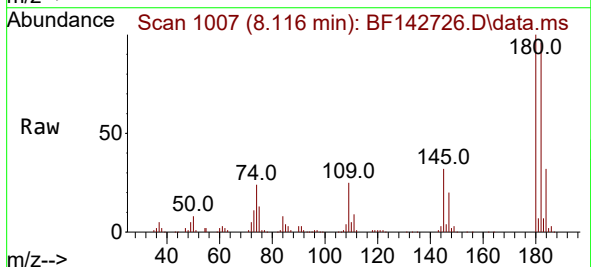
Tgt Ion:180 Resp: 218563

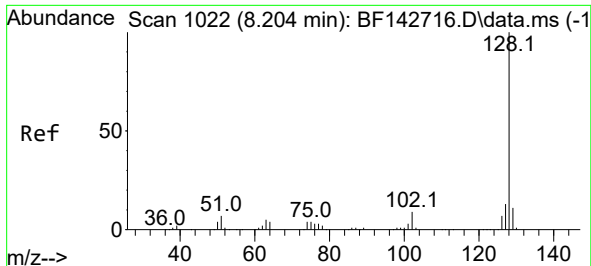
Ion Ratio Lower Upper

180 100

182 95.7 75.9 113.9

145 31.9 25.7 38.5





#31
Naphthalene
Concen: 43.794 ng
RT: 8.198 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :

BNA_F

ClientSampleId :

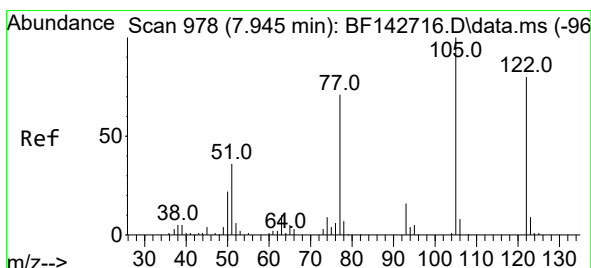
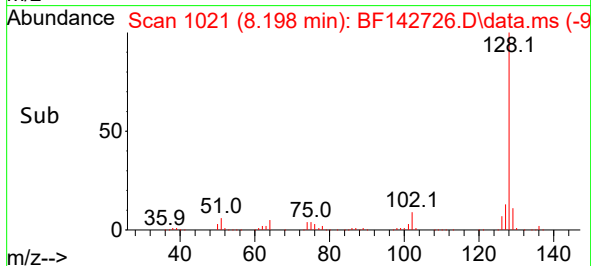
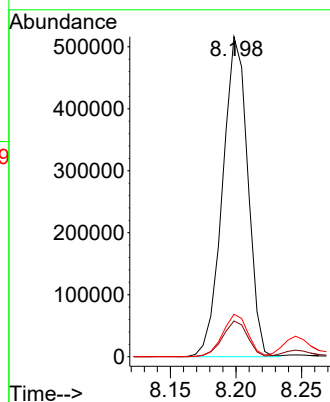
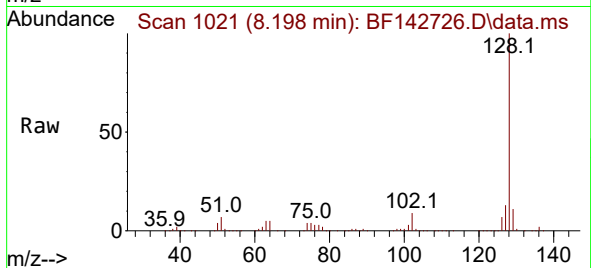
PB168234BS

Tgt Ion:128 Resp: 68936
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.2 10.4 15.6

Manual Integrations

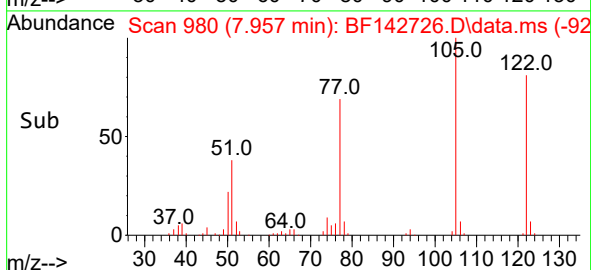
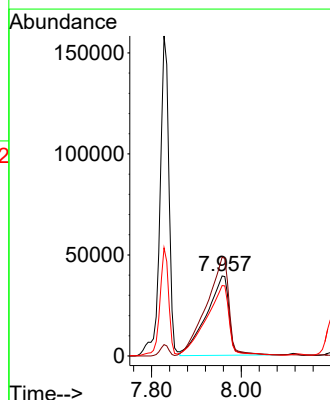
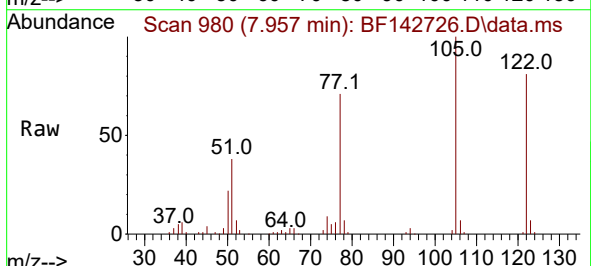
APPROVED

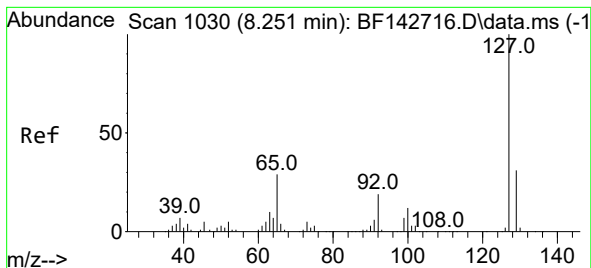
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#32
Benzoic acid
Concen: 50.015 ng
RT: 7.957 min Scan# 980
Delta R.T. 0.012 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion:122 Resp: 138145
Ion Ratio Lower Upper
122 100
105 123.3 102.6 142.6
77 88.0 68.2 108.2





#33
4-Chloroaniline
Concen: 10.367 ng m
RT: 8.245 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :

BNA_F

ClientSampleId :

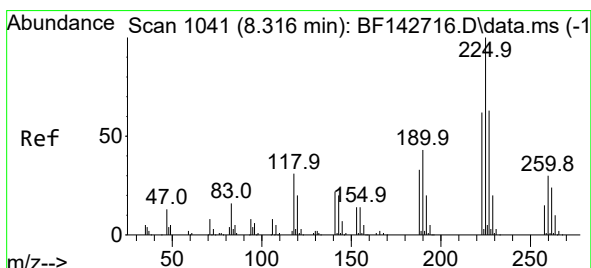
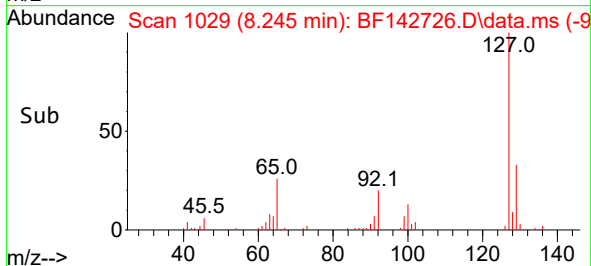
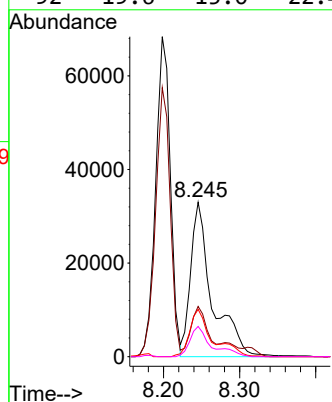
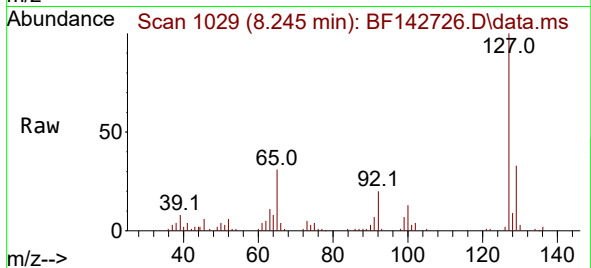
PB168234BS

Tgt Ion:127 Resp: 6552
Ion Ratio Lower Upper
127 100
129 32.6 25.6 38.4
65 30.7 23.0 34.4
92 19.6 15.0 22.4

Manual Integrations

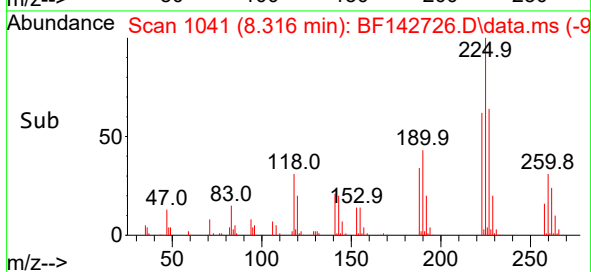
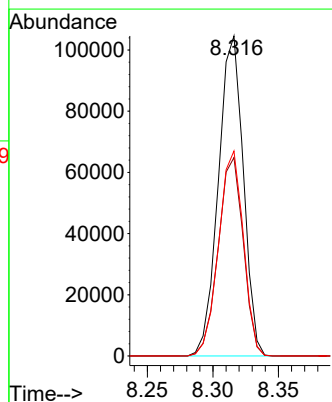
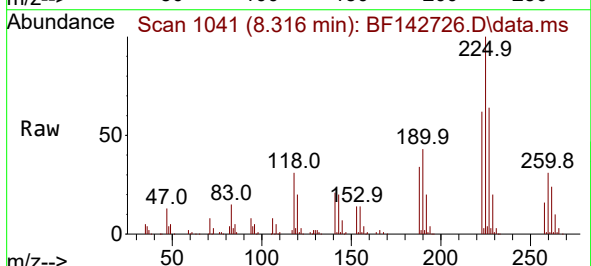
APPROVED

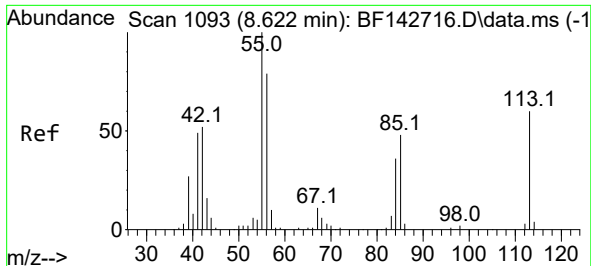
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#34
Hexachlorobutadiene
Concen: 43.427 ng
RT: 8.316 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion:225 Resp: 138408
Ion Ratio Lower Upper
225 100
223 62.0 49.3 73.9
227 64.0 50.6 75.8





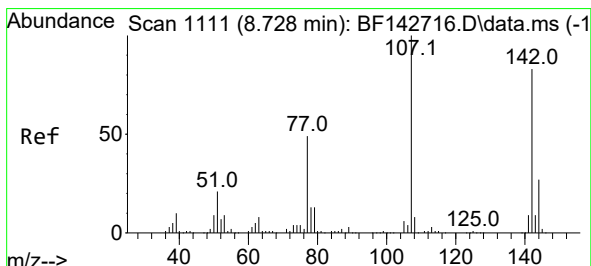
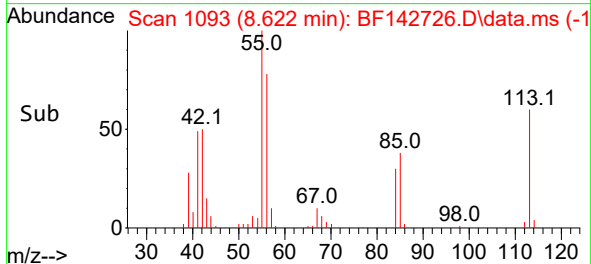
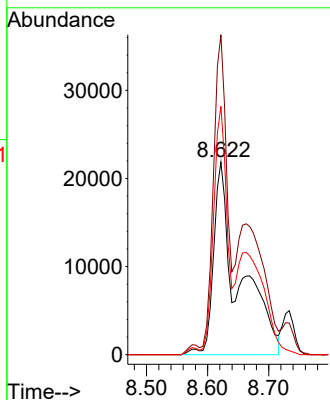
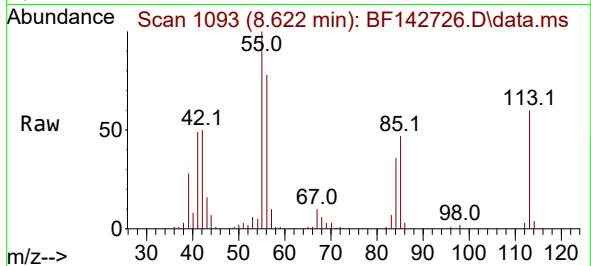
#35
Caprolactam
Concen: 51.341 ng m
RT: 8.622 min Scan# 1093
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Tgt Ion:113 Resp: 6272
Ion Ratio Lower Upper
113 100
55 166.1 147.9 187.9
56 128.9 111.9 151.9

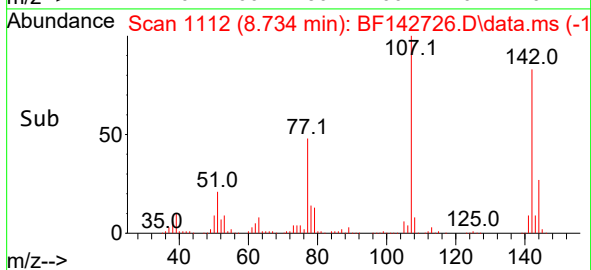
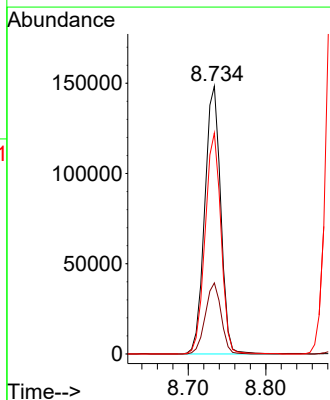
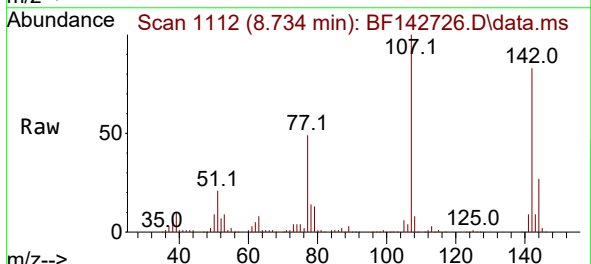
Manual Integrations
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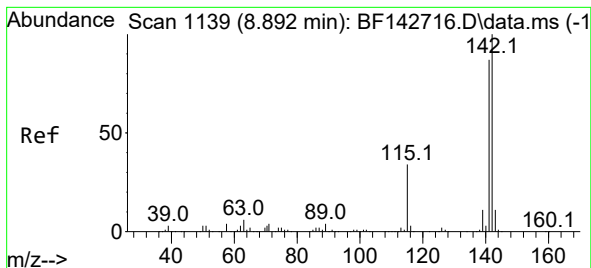
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#36
4-Chloro-3-methylphenol
Concen: 45.148 ng
RT: 8.734 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

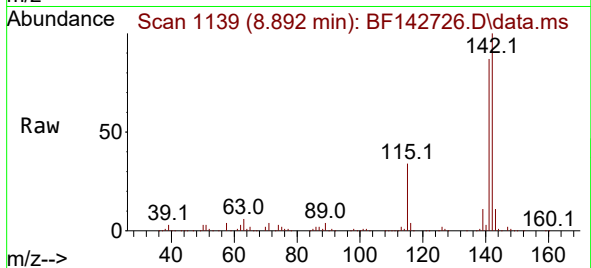
Tgt Ion:107 Resp: 212482
Ion Ratio Lower Upper
107 100
144 26.5 21.3 31.9
142 82.5 66.2 99.2





#37
2-Methylnaphthalene
Concen: 43.962 ng
RT: 8.892 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

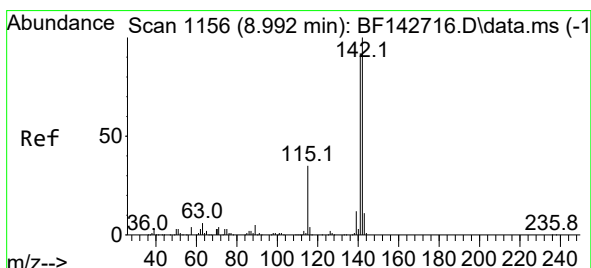
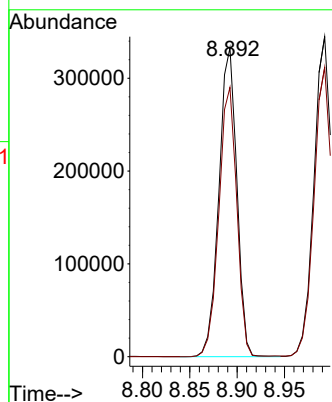
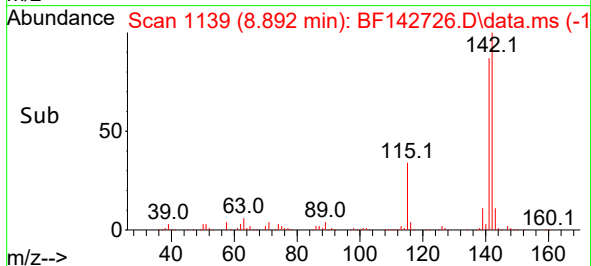
Instrument :
BNA_F
ClientSampleId :
PB168234BS



Tgt Ion:142 Resp: 438004
Ion Ratio Lower Upper
142 100
141 87.2 69.9 104.9

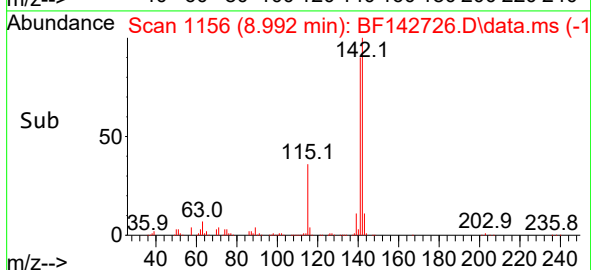
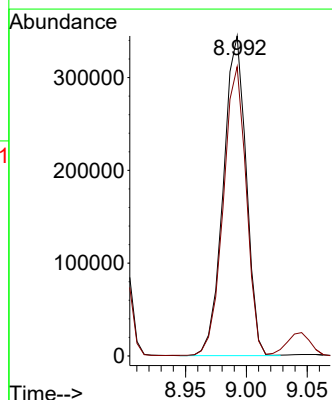
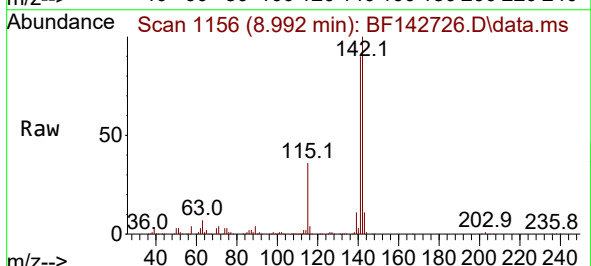
Manual Integrations
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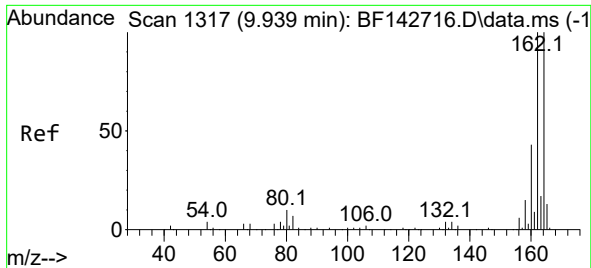
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#38
1-Methylnaphthalene
Concen: 43.604 ng
RT: 8.992 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion:142 Resp: 450044
Ion Ratio Lower Upper
142 100
141 90.4 73.5 110.3





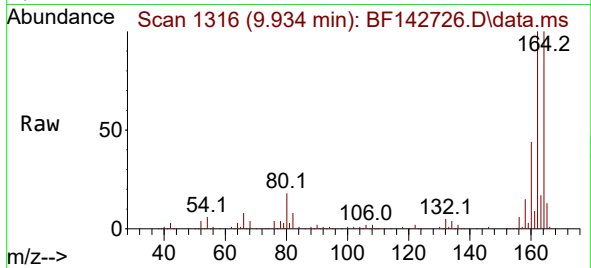
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :

BNA_F

ClientSampleId :

PB168234BS

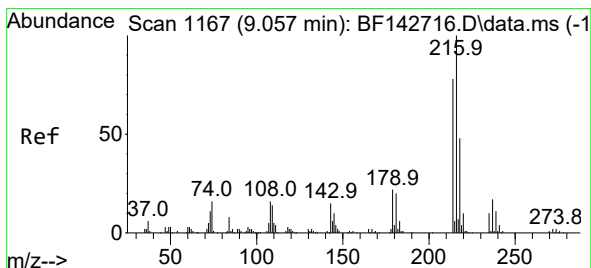
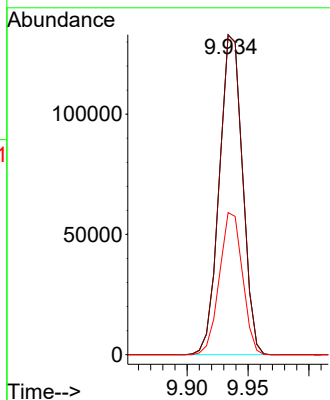
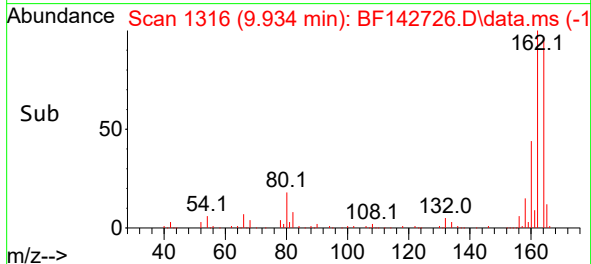


Tgt Ion:164 Resp: 176454
Ion Ratio Lower Upper
164 100
162 99.9 79.9 119.9
160 44.4 34.8 52.2

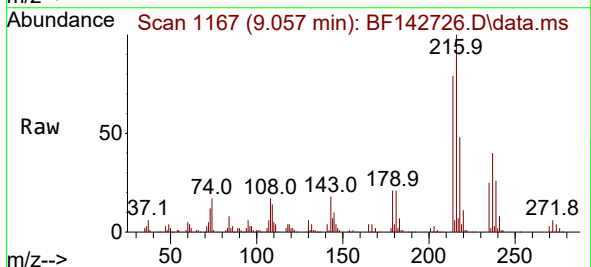
Manual Integrations

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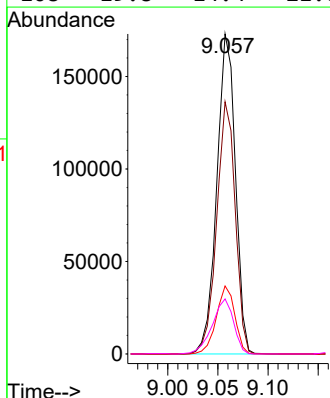
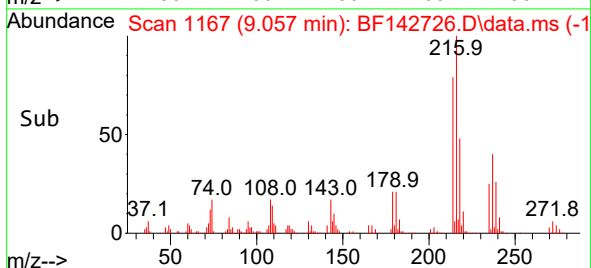
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

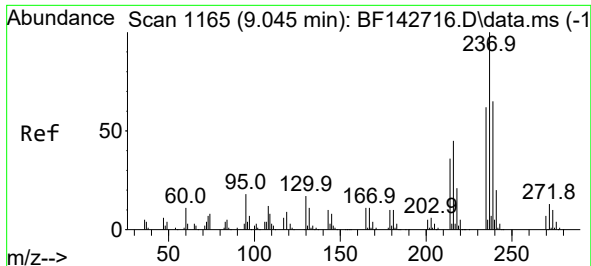


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.572 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51



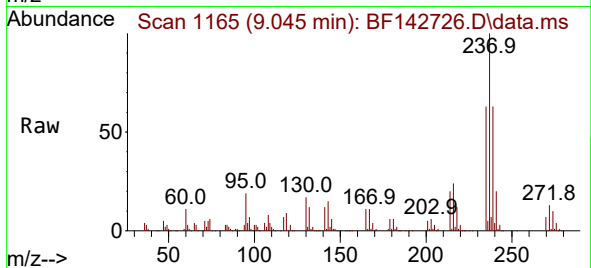
Tgt Ion:216 Resp: 222525
Ion Ratio Lower Upper
216 100
214 78.6 62.6 94.0
179 21.2 17.1 25.7
108 19.8 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 88.156 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

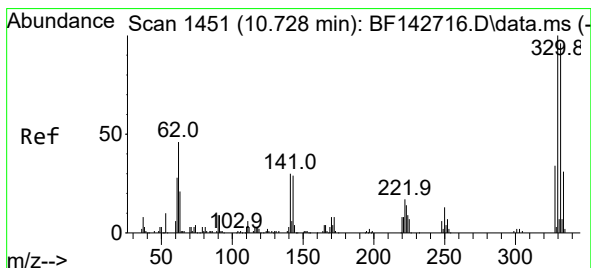
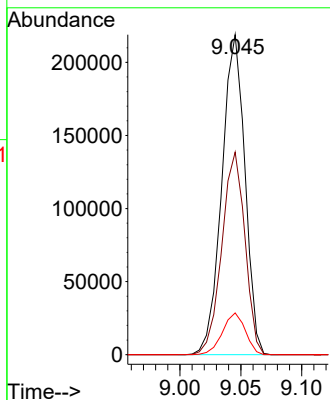
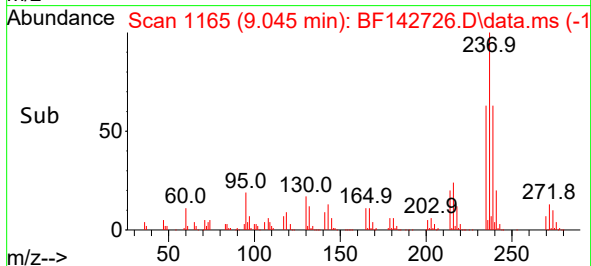
Instrument :
BNA_F
ClientSampleId :
PB168234BS



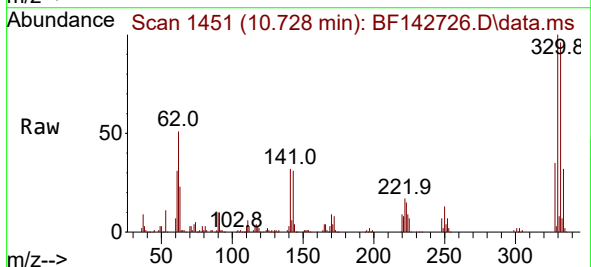
Tgt Ion:237 Resp: 288963
Ion Ratio Lower Upper
237 100
235 63.3 41.9 81.9
272 13.0 0.0 32.5

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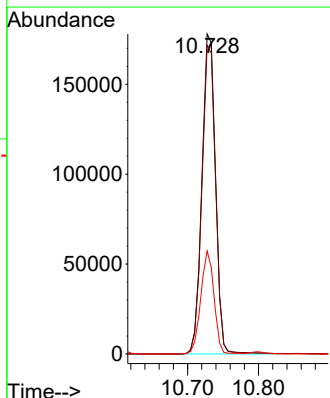
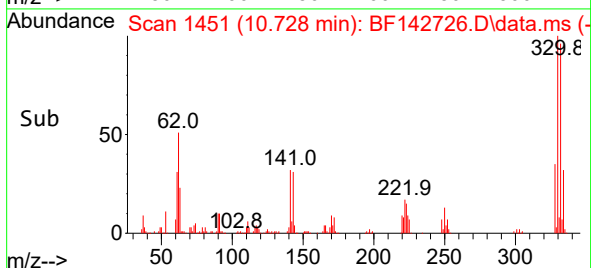
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

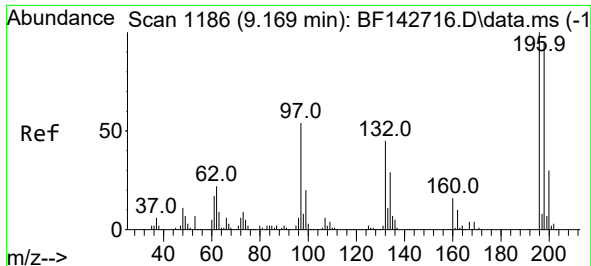


#42
2,4,6-Tribromophenol
Concen: 123.311 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51



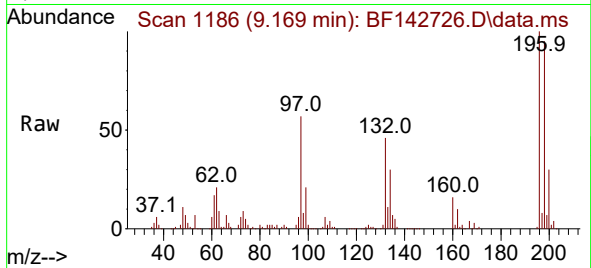
Tgt Ion:330 Resp: 238472
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 31.2 25.4 38.0





#43
2,4,6-Trichlorophenol
Concen: 46.686 ng
RT: 9.169 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

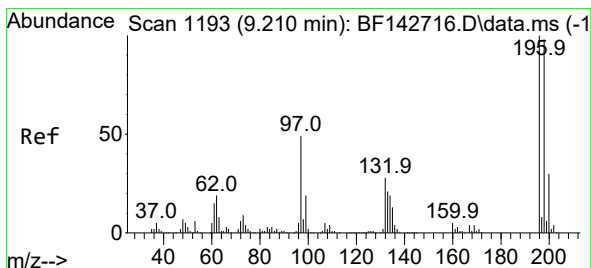
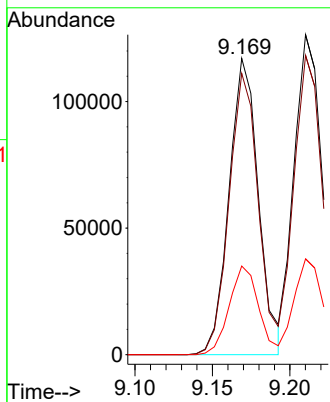
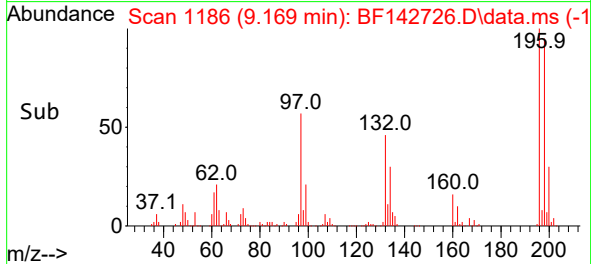
Instrument :
BNA_F
ClientSampleId :
PB168234BS



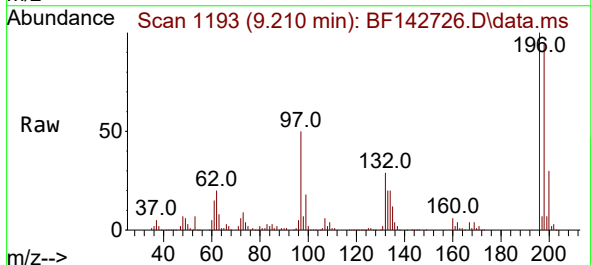
Tgt Ion:196 Resp: 15434
Ion Ratio Lower Upper
196 100
198 95.0 75.5 113.3
200 29.9 23.8 35.8

Manual Integrations
APPROVED

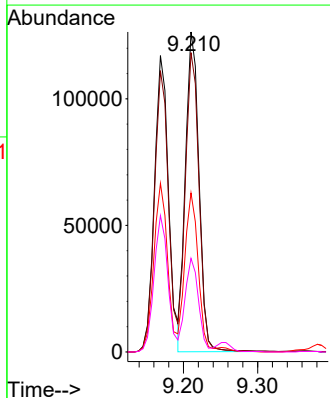
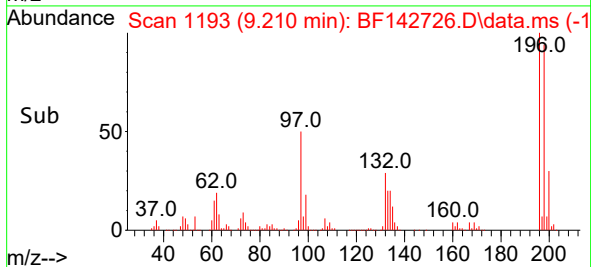
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

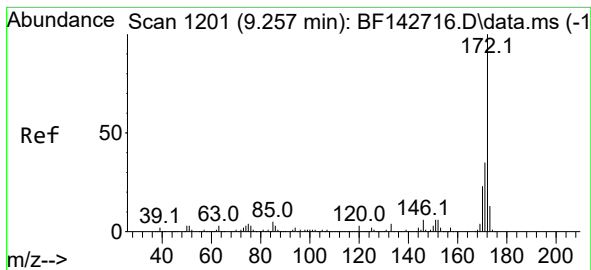


#44
2,4,5-Trichlorophenol
Concen: 45.074 ng
RT: 9.210 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51



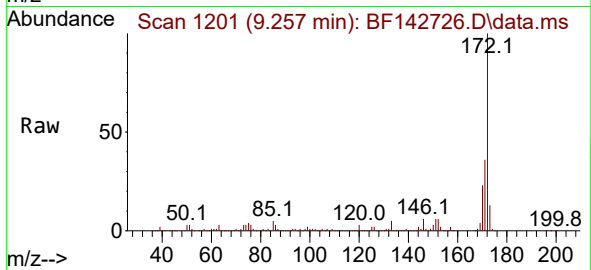
Tgt Ion:196 Resp: 160942
Ion Ratio Lower Upper
196 100
198 93.5 78.2 117.2
97 49.7 38.6 57.8
132 29.2 23.4 35.0





#45
2-Fluorobiphenyl
Concen: 74.089 ng
RT: 9.257 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

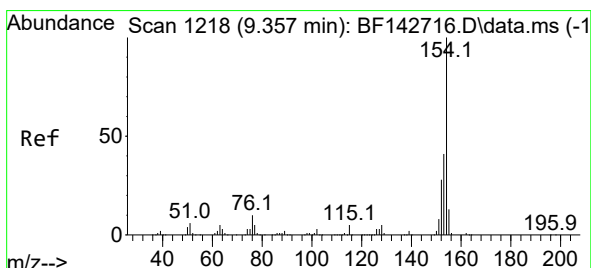
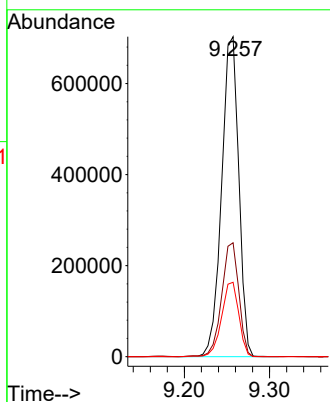
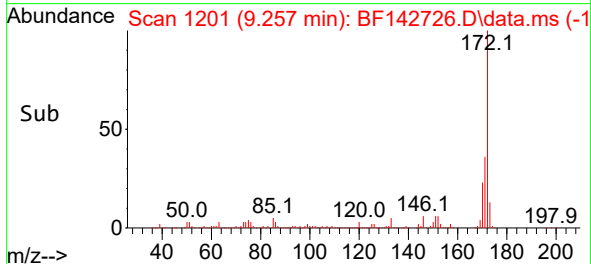
Instrument :
BNA_F
ClientSampleId :
PB168234BS



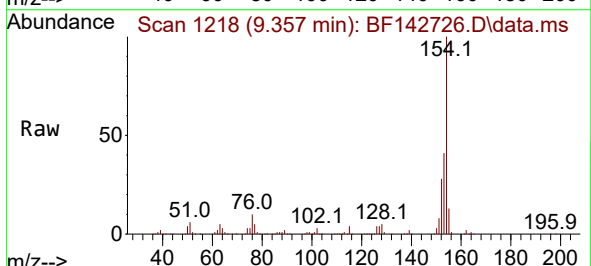
Tgt Ion:172 Resp: 984029
Ion Ratio Lower Upper
172 100
171 35.6 28.1 42.1
170 23.3 18.6 27.8

Manual Integrations
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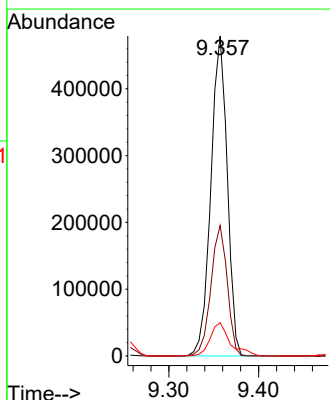
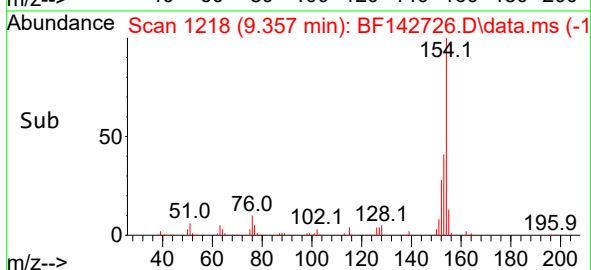
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

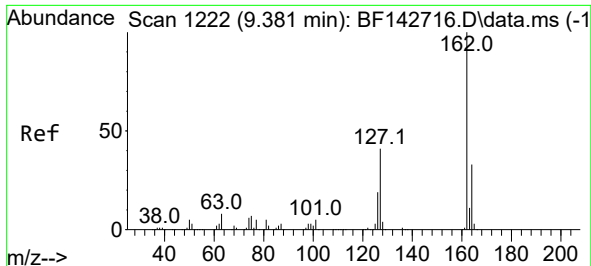


#46
1,1'-Biphenyl
Concen: 44.246 ng
RT: 9.357 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51



Tgt Ion:154 Resp: 606260
Ion Ratio Lower Upper
154 100
153 40.7 20.6 60.6
76 10.4 0.0 30.2





#47

2-Chloronaphthalene

Concen: 43.885 ng

RT: 9.381 min Scan# 1222

Delta R.T. 0.000 min

Lab File: BF142726.D

Acq: 11 Jun 2025 10:51

Instrument :

BNA_F

ClientSampleId :

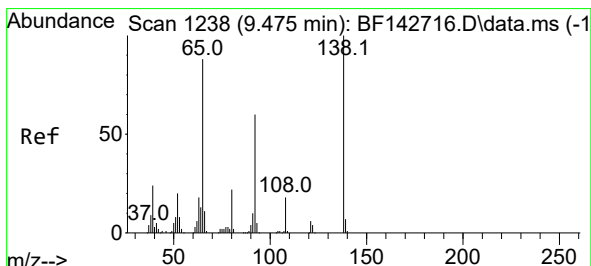
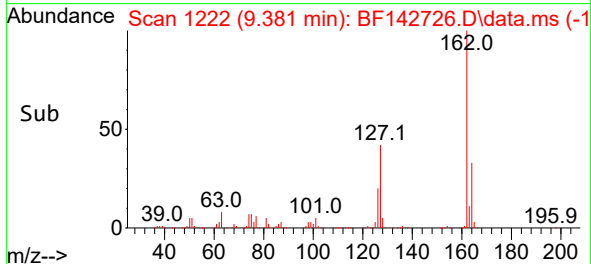
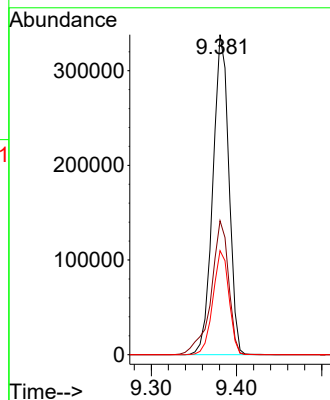
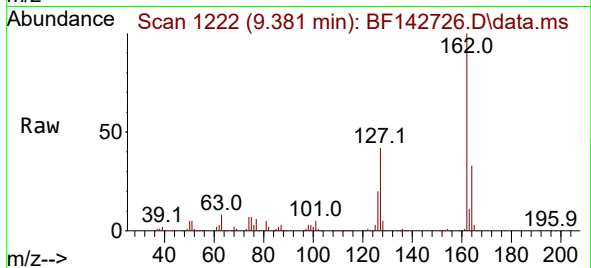
PB168234BS

Tgt Ion:162 Resp: 443000
 Ion Ratio Lower Upper
 162 100
 127 41.8 33.5 50.3
 164 32.5 26.1 39.1

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Reviewed By :Anahy Claudio 06/12/2025
 Supervised By :Jagrut Upadhyay 06/12/2025



#48

2-Nitroaniline

Concen: 45.490 ng

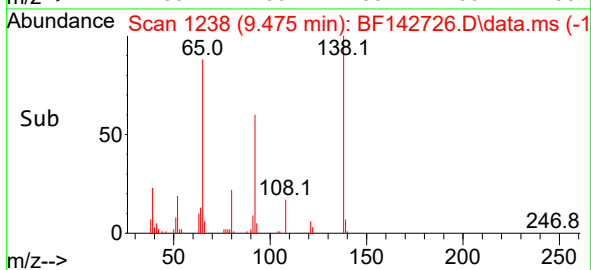
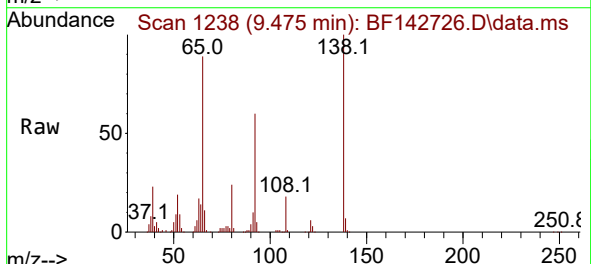
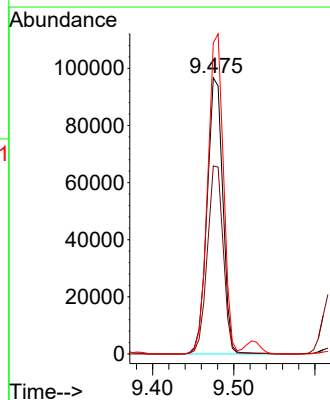
RT: 9.475 min Scan# 1238

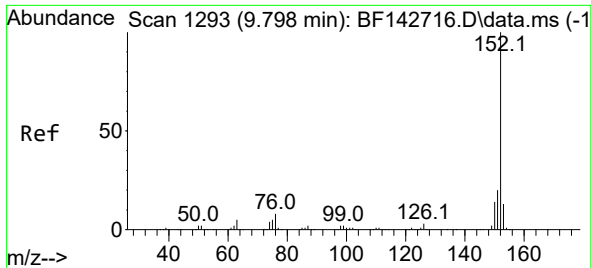
Delta R.T. 0.000 min

Lab File: BF142726.D

Acq: 11 Jun 2025 10:51

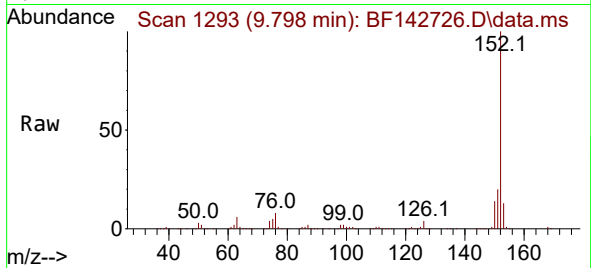
Tgt Ion: 65 Resp: 130604
 Ion Ratio Lower Upper
 65 100
 92 68.1 54.5 81.7
 138 112.7 90.6 136.0





#49
Acenaphthylene
Concen: 44.143 ng
RT: 9.798 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

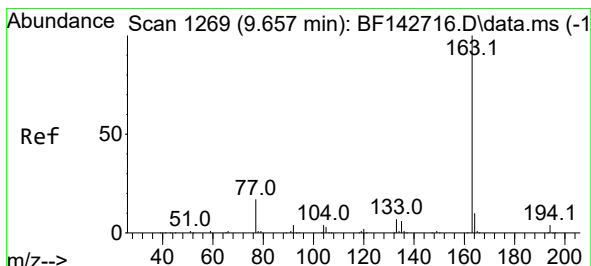
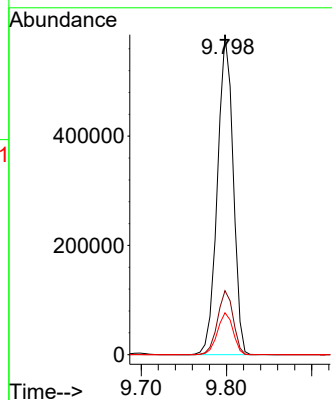
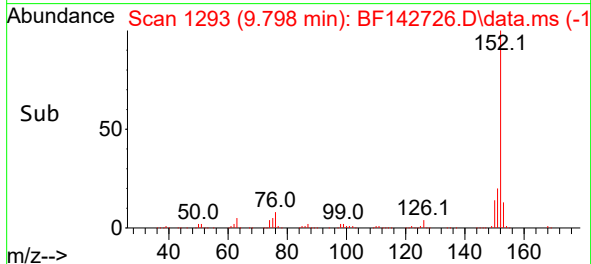
Instrument :
BNA_F
ClientSampleId :
PB168234BS



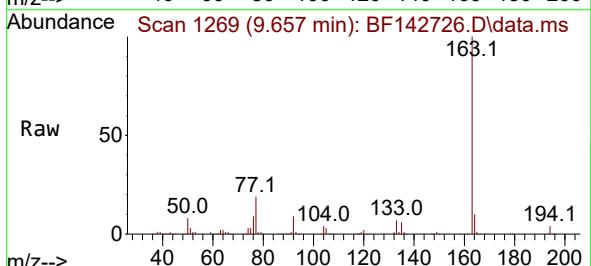
Tgt Ion:152 Resp: 751339
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.6
153 13.1 10.5 15.7

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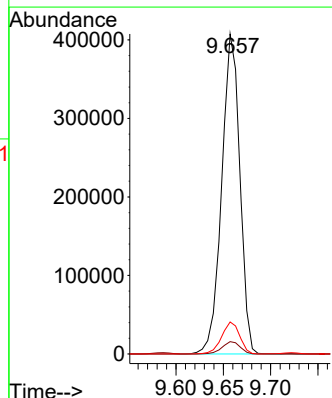
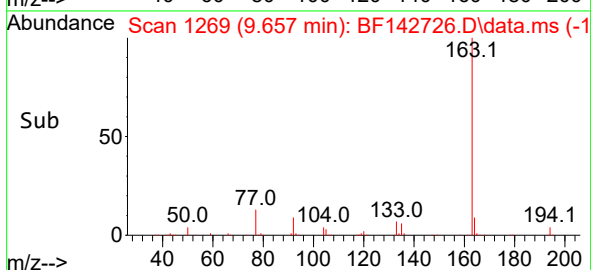
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

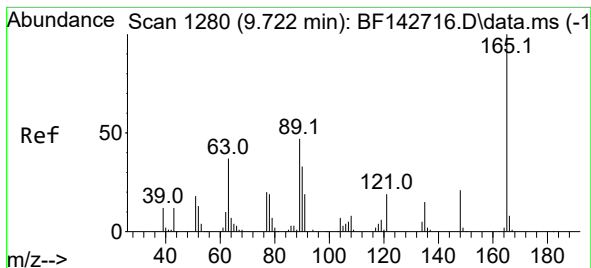


#50
Dimethylphthalate
Concen: 46.176 ng
RT: 9.657 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51



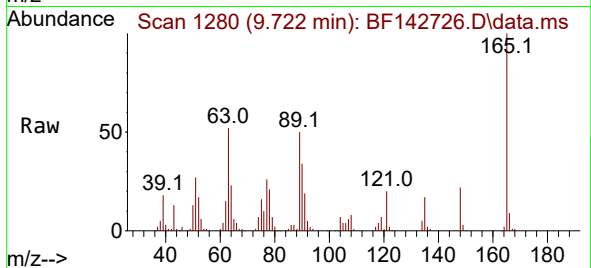
Tgt Ion:163 Resp: 544106
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.0 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 45.850 ng
RT: 9.722 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

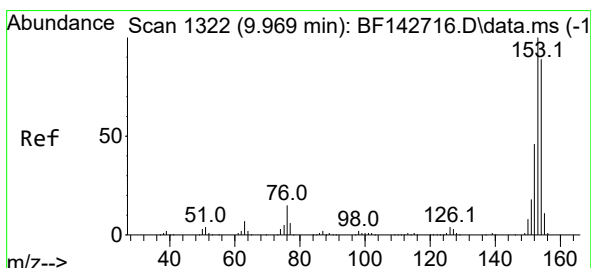
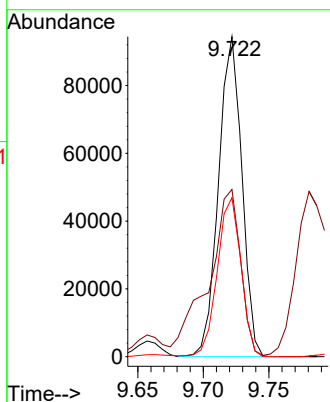
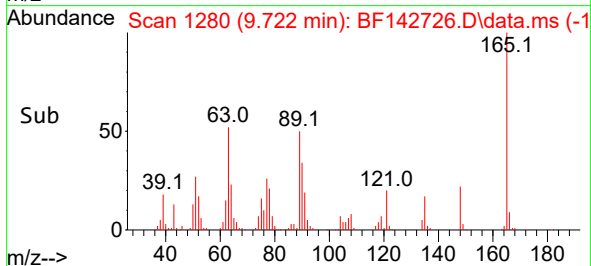
Instrument :
BNA_F
ClientSampleId :
PB168234BS



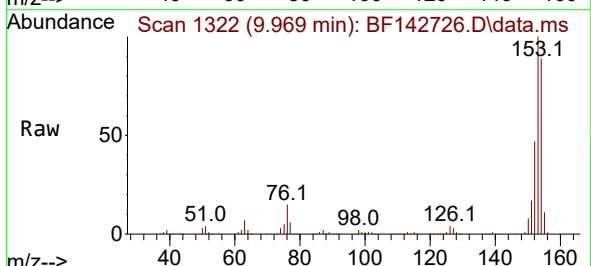
Tgt Ion:165 Resp: 11676
Ion Ratio Lower Upper
165 100
63 52.3 40.6 60.8
89 49.7 37.6 56.4

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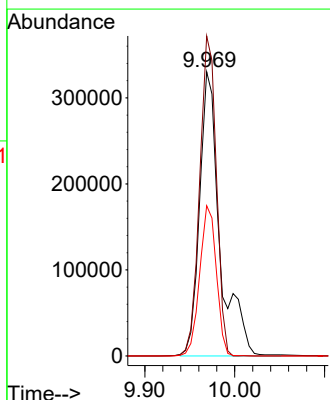
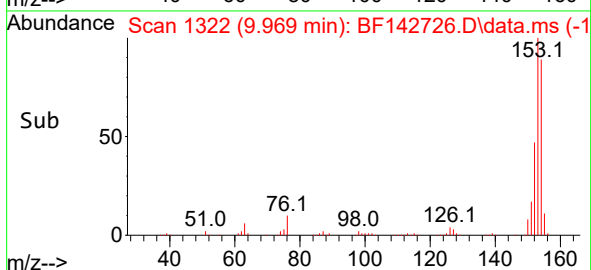
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

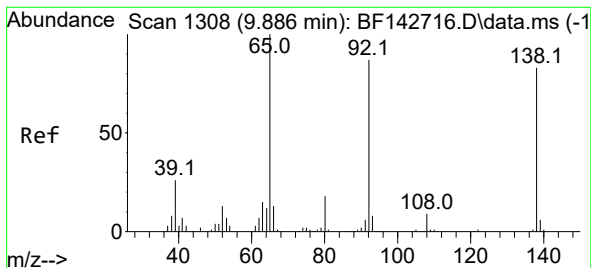


#52
Acenaphthene
Concen: 49.451 ng m
RT: 9.969 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51



Tgt Ion:154 Resp: 521862
Ion Ratio Lower Upper
154 100
153 112.6 90.1 135.1
152 52.9 41.9 62.9





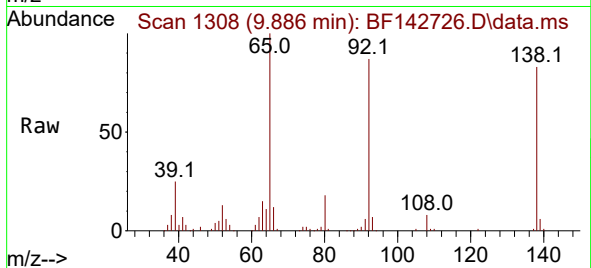
#53
3-Nitroaniline
Concen: 22.553 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :

BNA_F

ClientSampleId :

PB168234BS

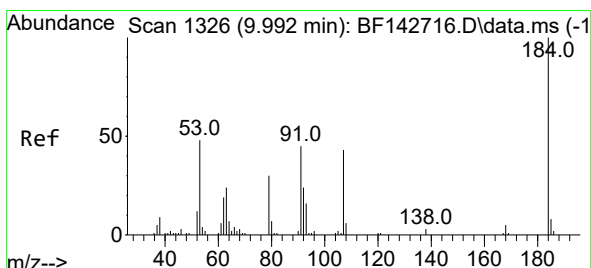
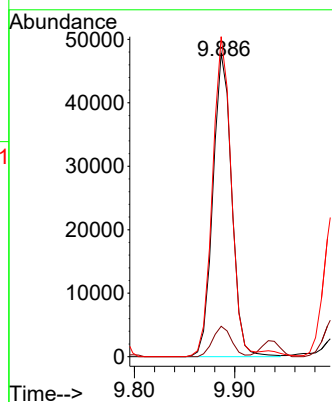
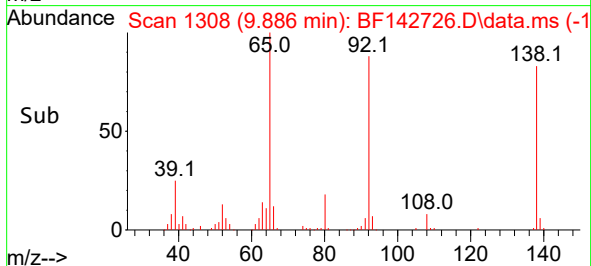


Tgt Ion:138 Resp: 6229
Ion Ratio Lower Upper
138 100
108 10.0 8.3 12.5
92 105.5 84.6 127.0

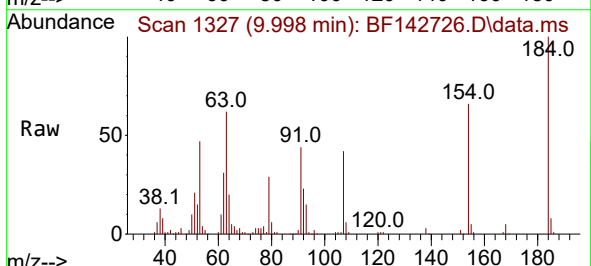
Manual Integrations

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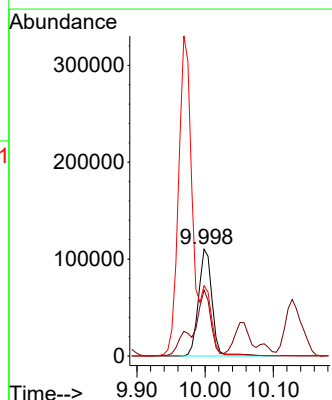
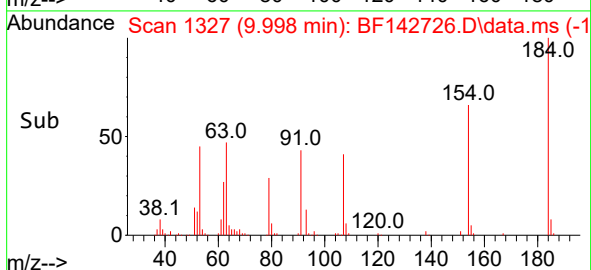
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

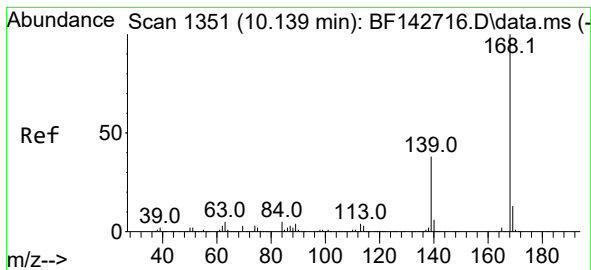


#54
2,4-Dinitrophenol
Concen: 109.132 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51



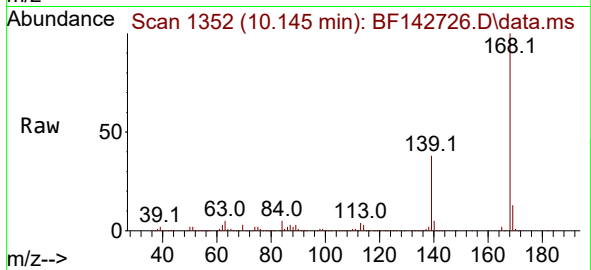
Tgt Ion:184 Resp: 152241
Ion Ratio Lower Upper
184 100
63 61.8 51.7 77.5
154 65.8 60.1 90.1





#55
Dibenzofuran
Concen: 43.987 ng
RT: 10.145 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

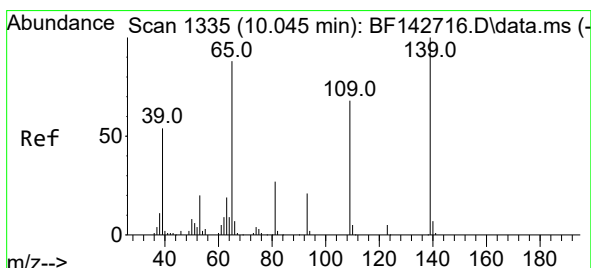
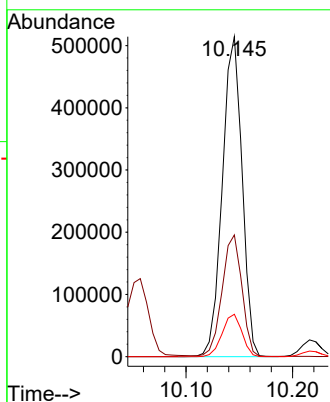
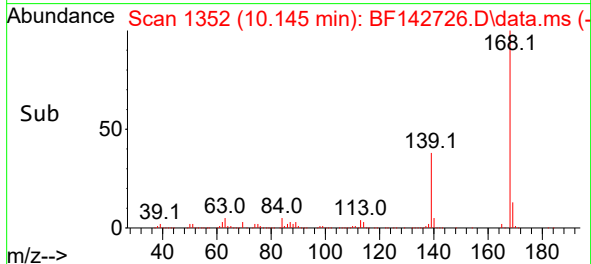
Instrument :
BNA_F
ClientSampleId :
PB168234BS



Tgt Ion:168 Resp: 66102
Ion Ratio Lower Upper
168 100
139 38.0 30.9 46.3
169 13.3 10.8 16.2

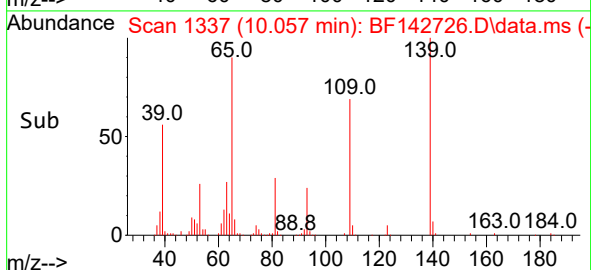
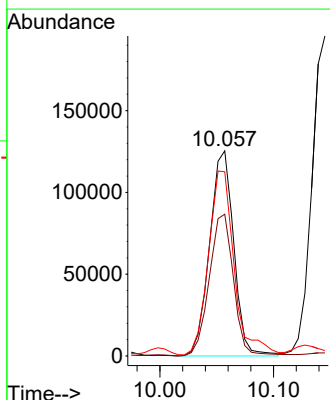
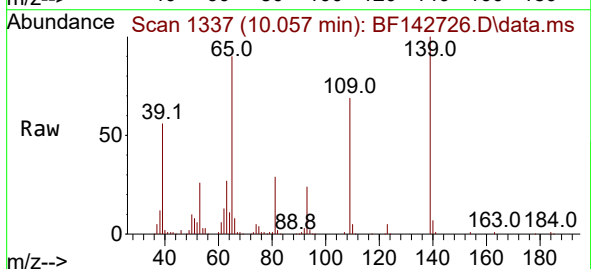
Manual Integrations
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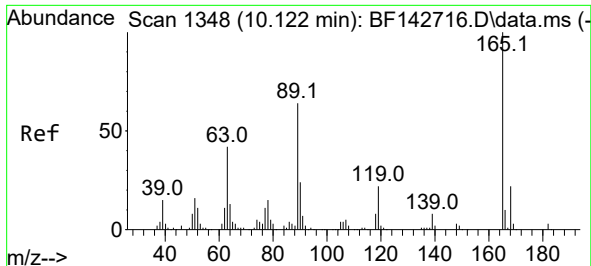
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#56
4-Nitrophenol
Concen: 98.923 ng
RT: 10.057 min Scan# 1337
Delta R.T. 0.012 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

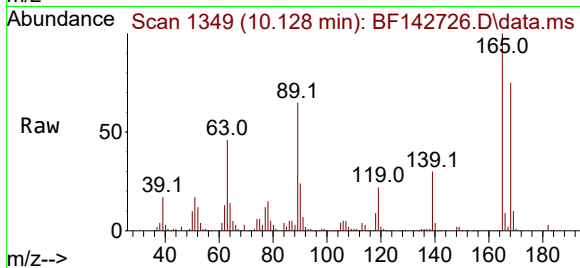
Tgt Ion:139 Resp: 185324
Ion Ratio Lower Upper
139 100
109 69.1 47.5 87.5
65 89.8 69.2 109.2





#57
2,4-Dinitrotoluene
Concen: 47.695 ng
RT: 10.128 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

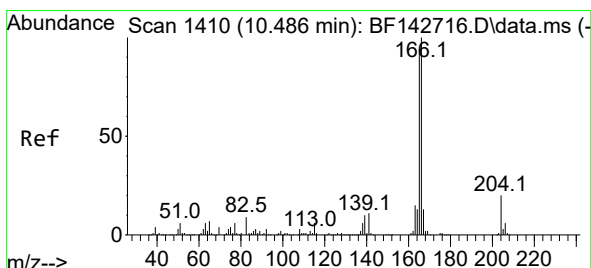
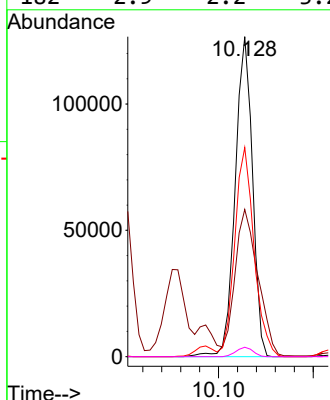
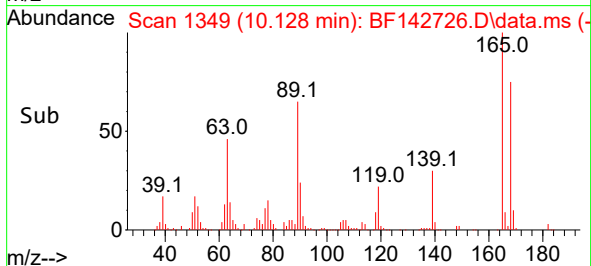
Instrument :
BNA_F
ClientSampleId :
PB168234BS



Tgt Ion:165 Resp: 160597
Ion Ratio Lower Upper
165 100
63 46.0 34.1 51.1
89 65.4 50.8 76.2
182 2.9 2.2 3.2

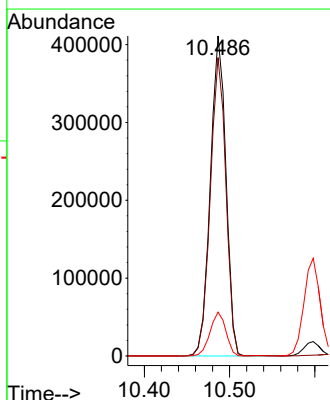
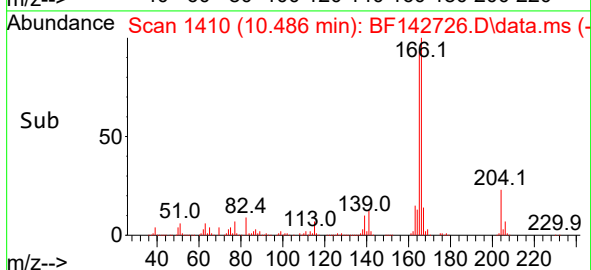
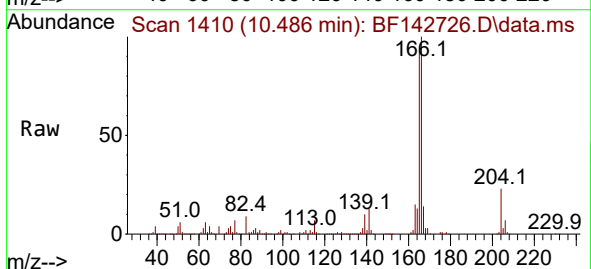
Manual Integrations
APPROVED

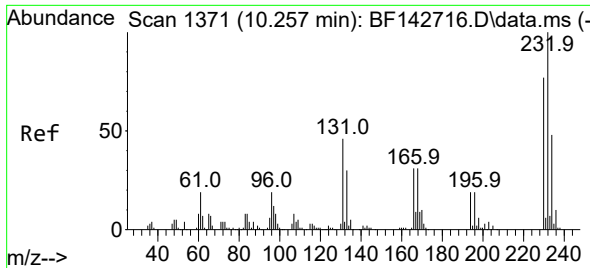
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#58
Fluorene
Concen: 44.083 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

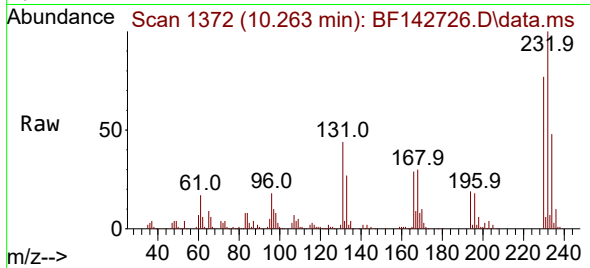
Tgt Ion:166 Resp: 523139
Ion Ratio Lower Upper
166 100
165 93.2 74.9 112.3
167 13.7 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.590 ng
RT: 10.263 min Scan# 1372
Delta R.T. 0.006 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

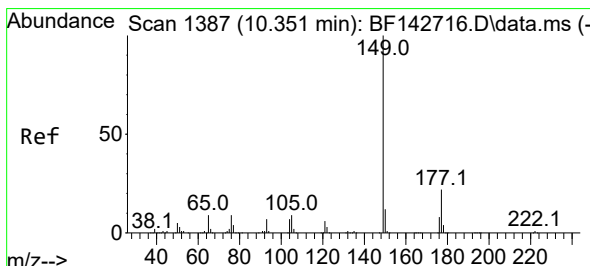
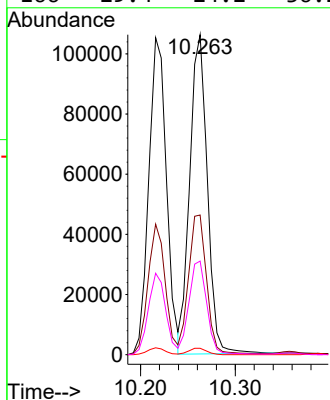
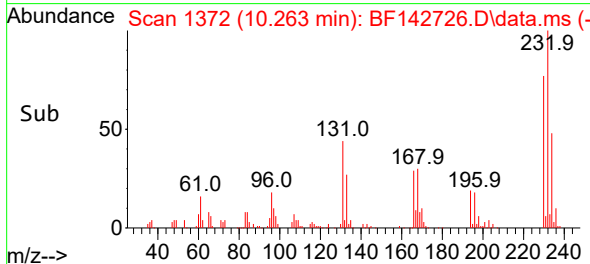
Instrument :
BNA_F
ClientSampleId :
PB168234BS



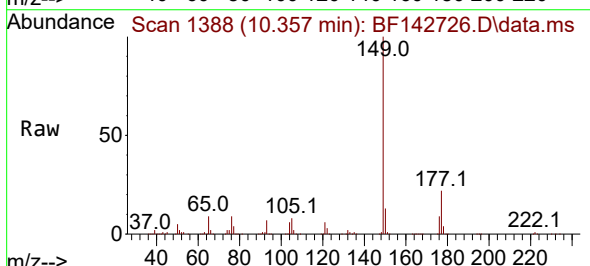
Tgt Ion:232 Resp: 136952
Ion Ratio Lower Upper
232 100
131 45.5 35.8 53.8
130 2.1 1.8 2.6
166 29.4 24.2 36.2

Manual Integrations
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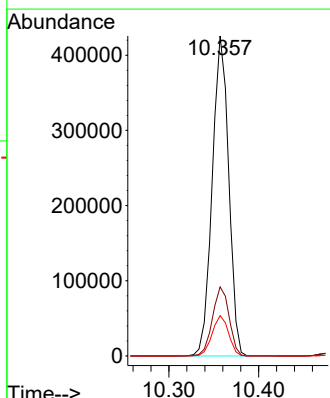
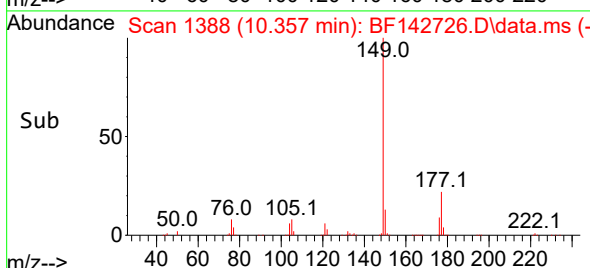
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

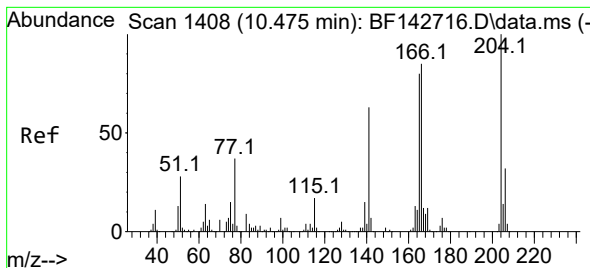


#60
Diethylphthalate
Concen: 46.377 ng
RT: 10.357 min Scan# 1388
Delta R.T. 0.006 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51



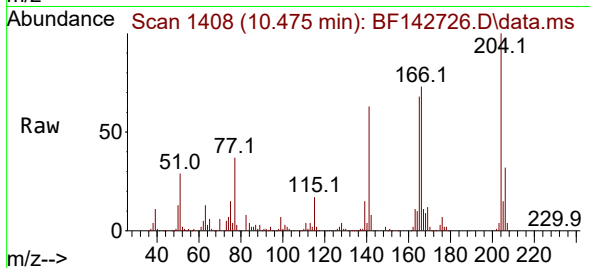
Tgt Ion:149 Resp: 541870
Ion Ratio Lower Upper
149 100
177 21.6 17.4 26.0
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 43.831 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

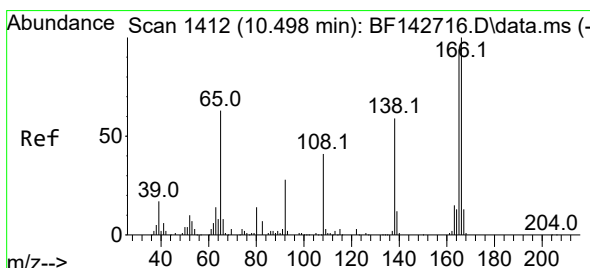
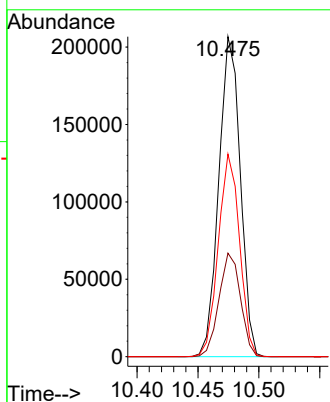
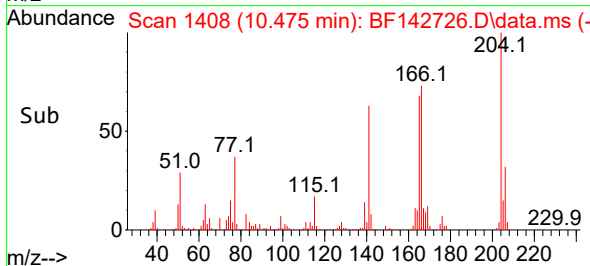
Instrument :
BNA_F
ClientSampleId :
PB168234BS



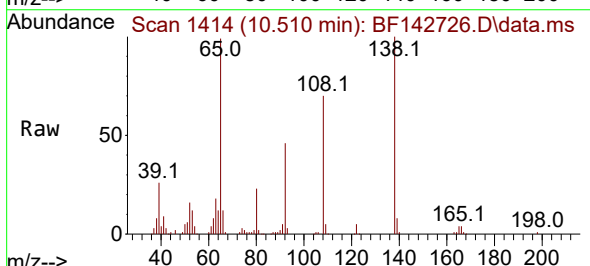
Tgt Ion:204 Resp: 25402
Ion Ratio Lower Upper
204 100
206 32.3 25.9 38.9
141 63.3 50.2 75.4

Manual Integrations
APPROVED

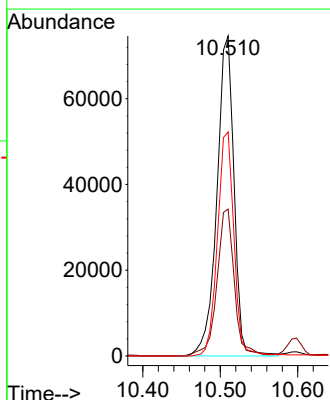
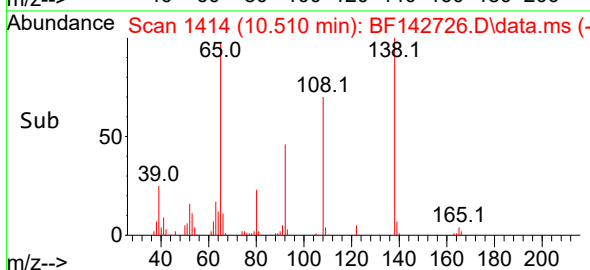
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

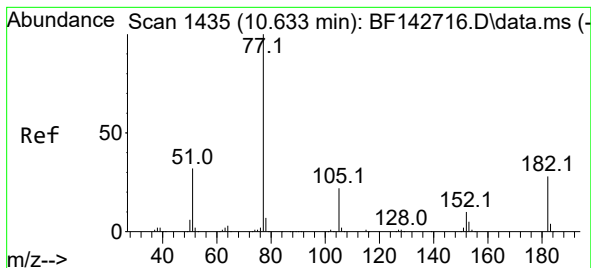


#62
4-Nitroaniline
Concen: 46.428 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.012 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51



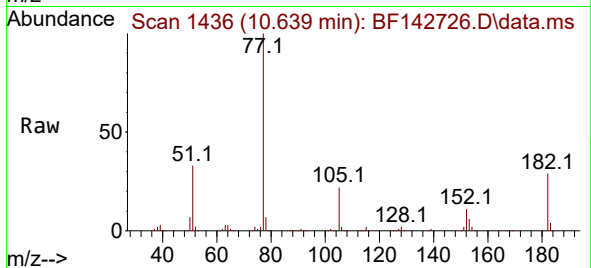
Tgt Ion:138 Resp: 114731
Ion Ratio Lower Upper
138 100
92 45.9 27.2 67.2
108 70.0 49.9 89.9





#63
Azobenzene
Concen: 44.952 ng
RT: 10.639 min Scan# 1435
Delta R.T. 0.006 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

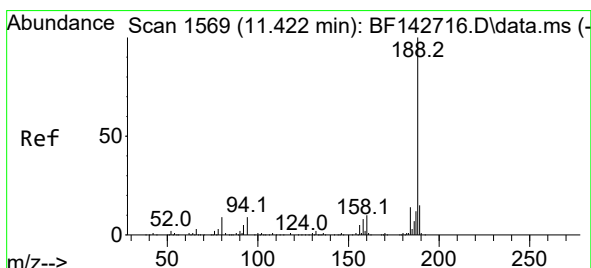
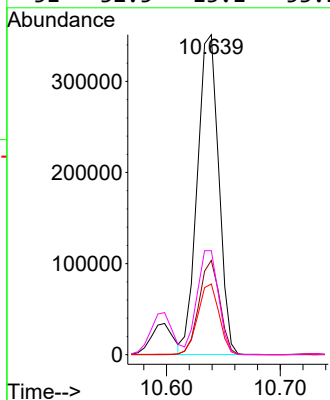
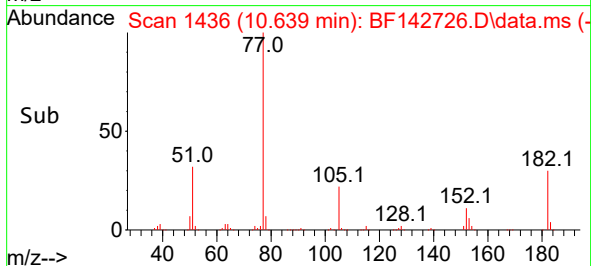
Instrument :
BNA_F
ClientSampleId :
PB168234BS



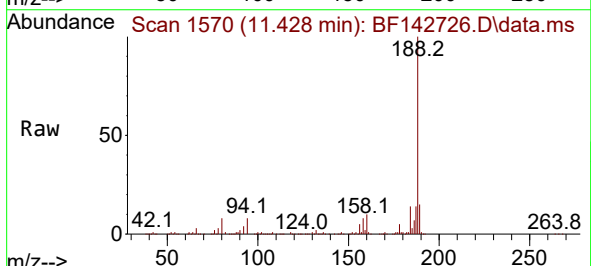
Tgt Ion: 77 Resp: 45870
Ion Ratio Lower Upper
77 100
182 29.5 7.8 47.8
105 22.1 1.9 41.9
51 32.5 13.1 53.1

Manual Integrations
APPROVED

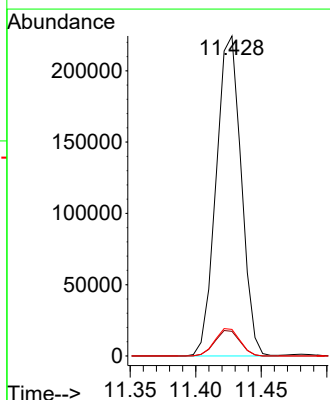
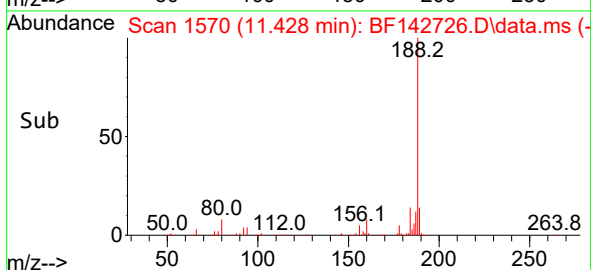
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

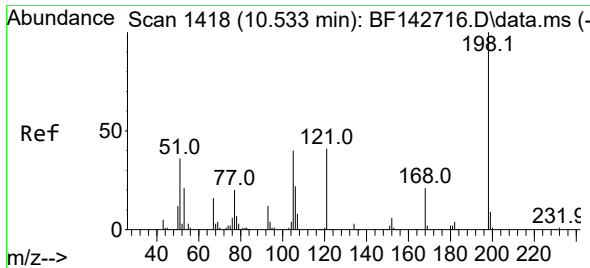


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51



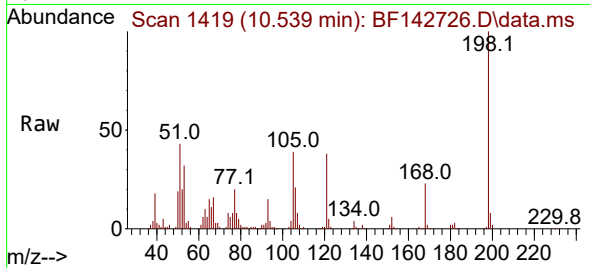
Tgt Ion:188 Resp: 298489
Ion Ratio Lower Upper
188 100
94 7.7 6.8 10.2
80 8.3 7.1 10.7





#65
4,6-Dinitro-2-methylphenol
Concen: 49.608 ng
RT: 10.539 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

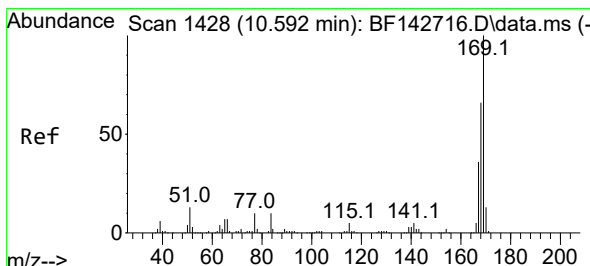
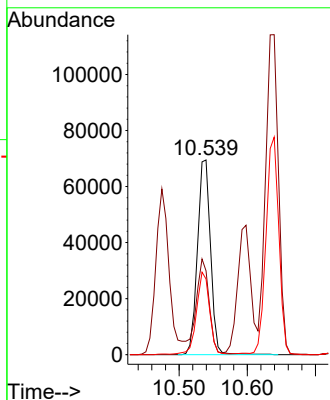
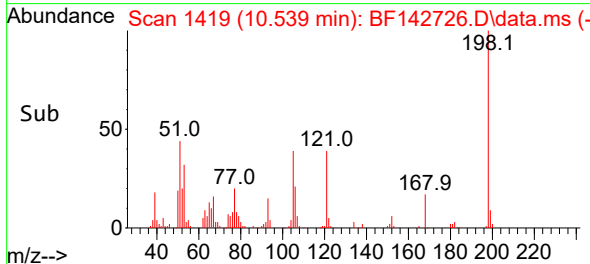
Instrument :
BNA_F
ClientSampleId :
PB168234BS



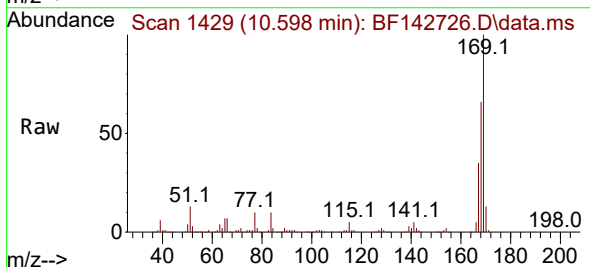
Tgt Ion:198 Resp: 92721
Ion Ratio Lower Upper
198 100
51 43.1 25.5 65.5
105 38.8 21.1 61.1

Manual Integrations
APPROVED

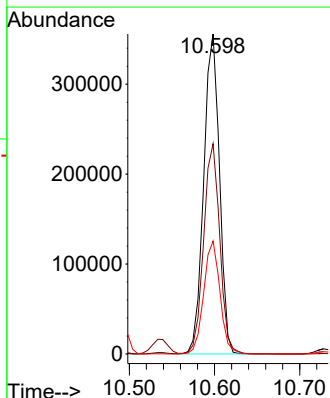
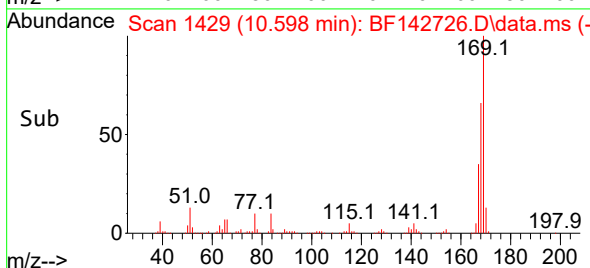
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

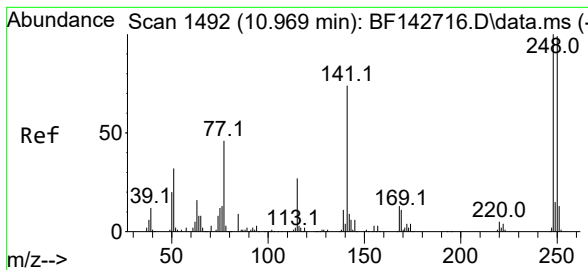


#66
n-Nitrosodiphenylamine
Concen: 44.552 ng
RT: 10.598 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51



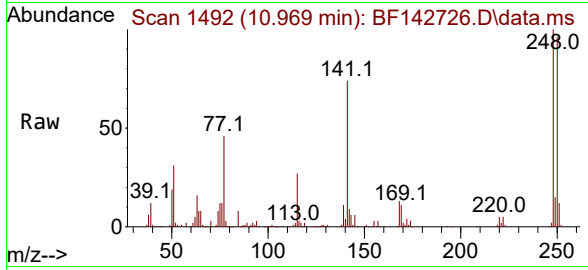
Tgt Ion:169 Resp: 457115
Ion Ratio Lower Upper
169 100
168 65.7 53.0 79.4
167 35.3 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 45.325 ng
RT: 10.969 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

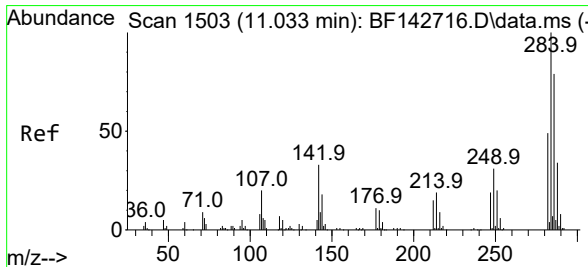
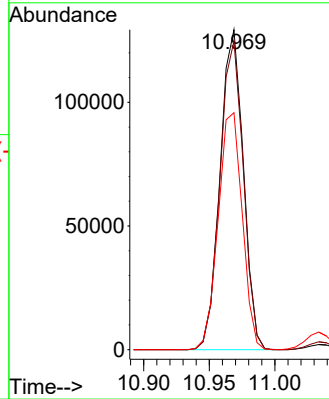
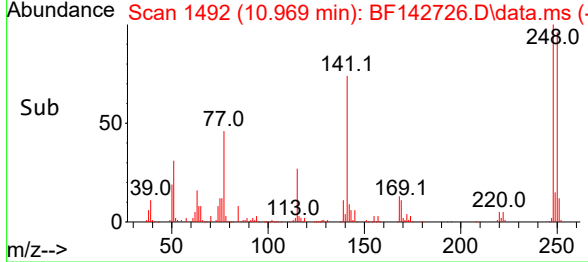
Instrument :
BNA_F
ClientSampleId :
PB168234BS



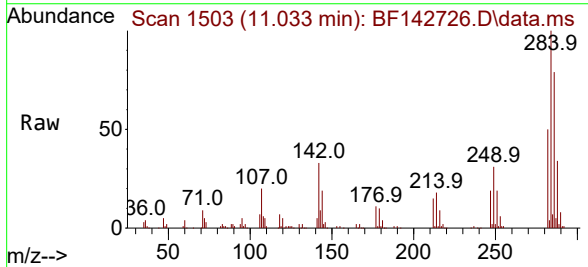
Tgt Ion:248 Resp: 15969
Ion Ratio Lower Upper
248 100
250 96.5 79.2 118.8
141 74.1 59.3 88.9

Manual Integrations
APPROVED

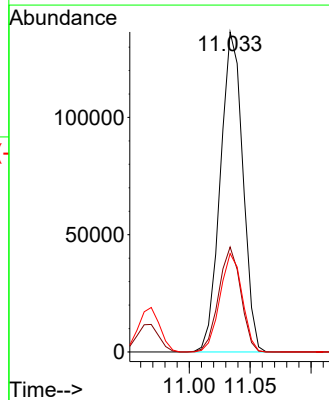
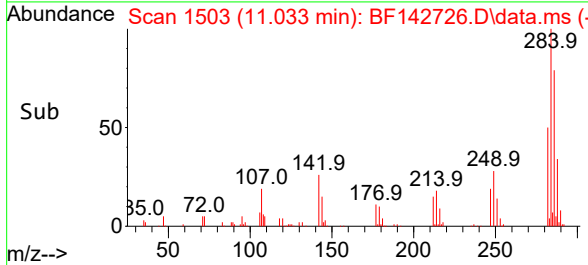
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

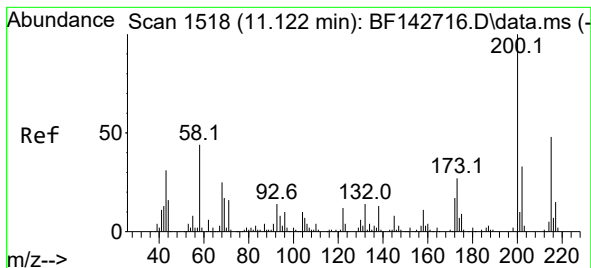


#68
Hexachlorobenzene
Concen: 44.895 ng
RT: 11.033 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51



Tgt Ion:284 Resp: 175582
Ion Ratio Lower Upper
284 100
142 32.8 26.0 39.0
249 30.7 24.6 37.0





#69

Atrazine

Concen: 50.262 ng

RT: 11.122 min Scan# 1518

Delta R.T. 0.000 min

Lab File: BF142726.D

Acq: 11 Jun 2025 10:51

Instrument :

BNA_F

ClientSampleId :

PB168234BS

Tgt Ion:200 Resp: 137490

Ion Ratio Lower Upper

200 100

173 27.1 7.4 47.4

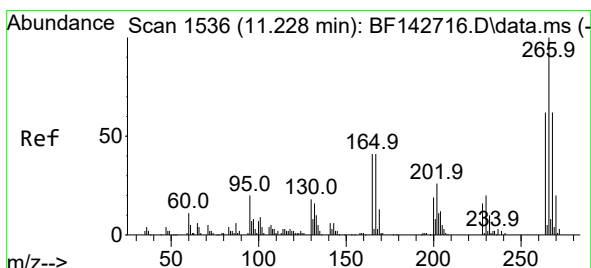
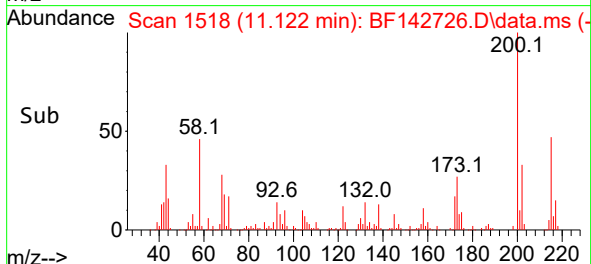
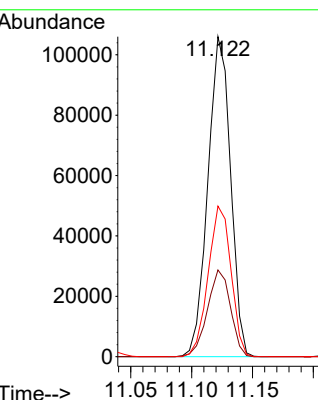
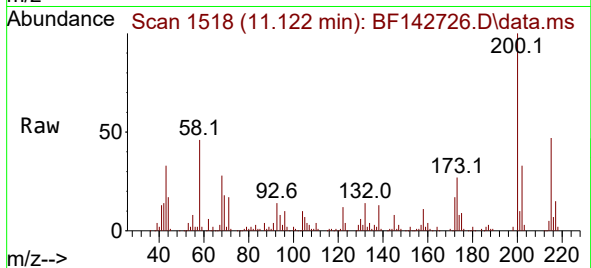
215 47.0 28.2 68.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 06/12/2025

Supervised By :Jagrut Upadhyay 06/12/2025



#70

Pentachlorophenol

Concen: 95.063 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF142726.D

Acq: 11 Jun 2025 10:51

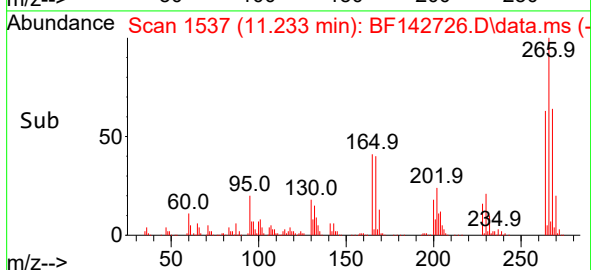
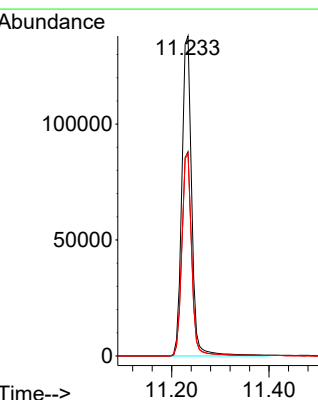
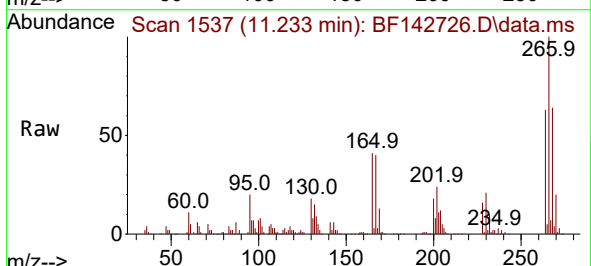
Tgt Ion:266 Resp: 194889

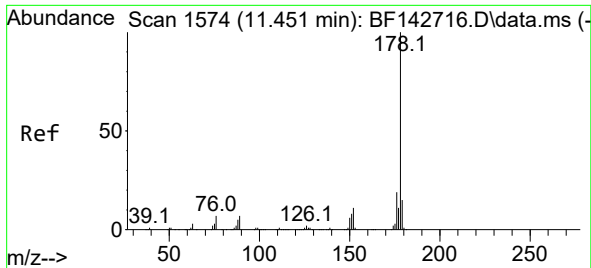
Ion Ratio Lower Upper

266 100

268 63.8 49.6 74.4

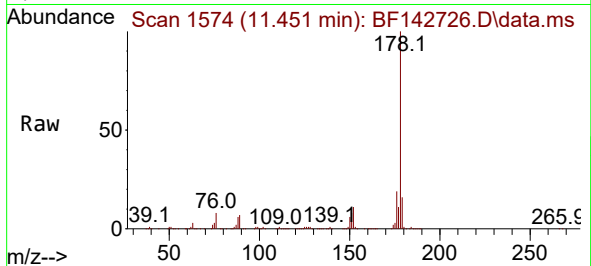
264 63.0 49.5 74.3





#71
Phenanthrene
Concen: 44.787 ng
RT: 11.451 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

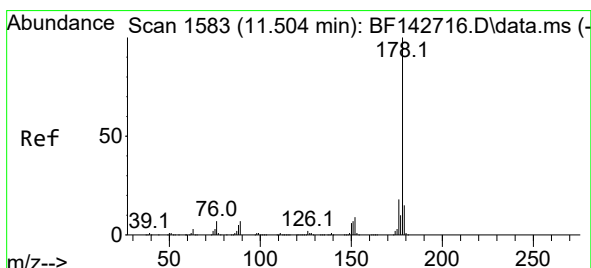
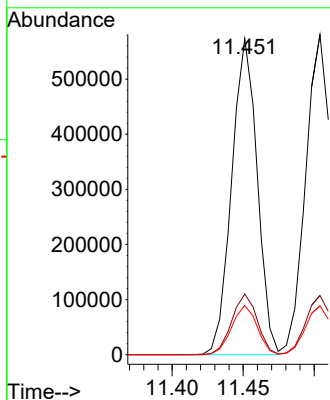
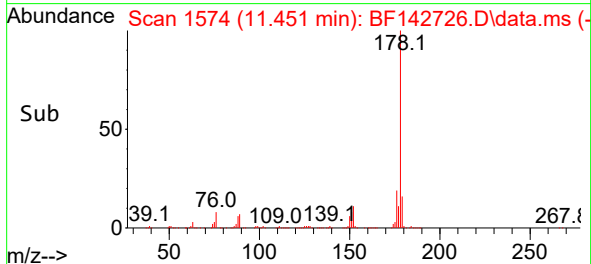
Instrument :
BNA_F
ClientSampleId :
PB168234BS



Tgt Ion:178 Resp: 716195
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.5 12.2 18.4

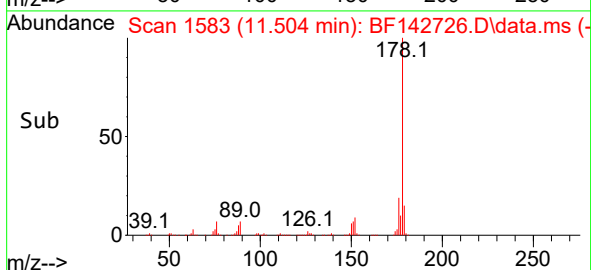
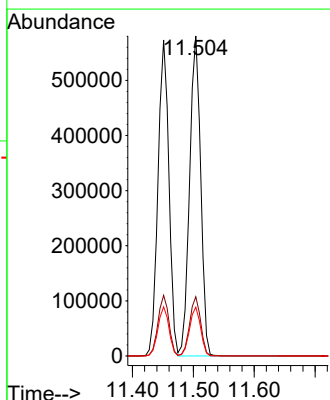
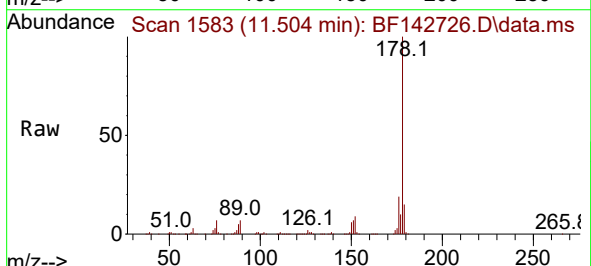
Manual Integrations
APPROVED

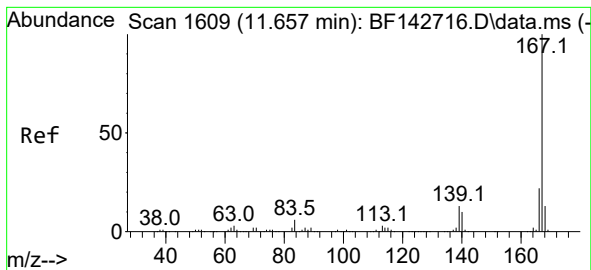
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#72
Anthracene
Concen: 44.335 ng
RT: 11.504 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

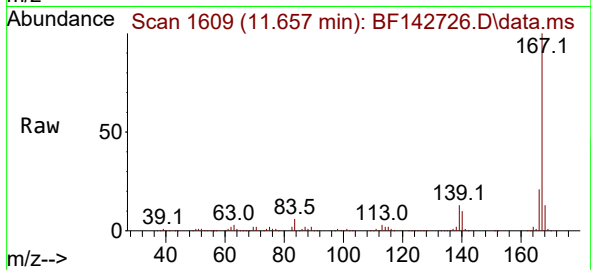
Tgt Ion:178 Resp: 733408
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.3 12.2 18.2





#73
 Carbazole
 Concen: 45.973 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. 0.000 min
 Lab File: BF142726.D
 Acq: 11 Jun 2025 10:51

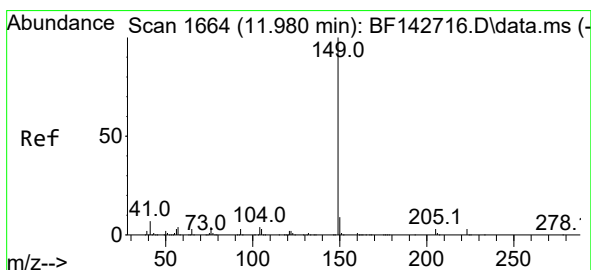
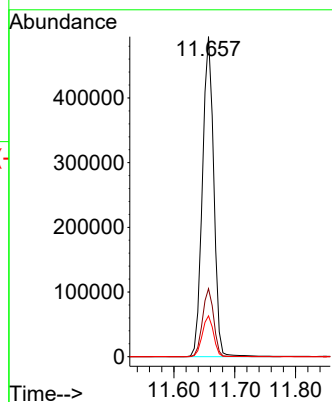
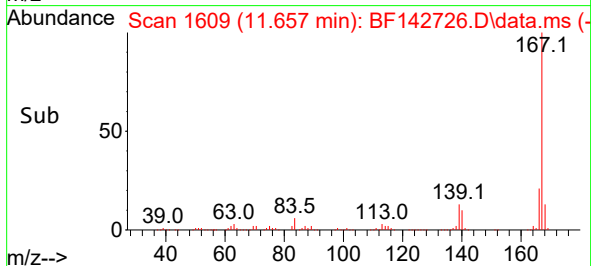
Instrument :
 BNA_F
 ClientSampleId :
 PB168234BS



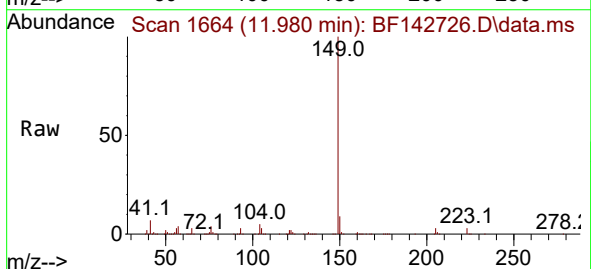
Tgt Ion:167 Resp: 63666
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 12.7 10.2 15.4

Manual Integrations
 APPROVED

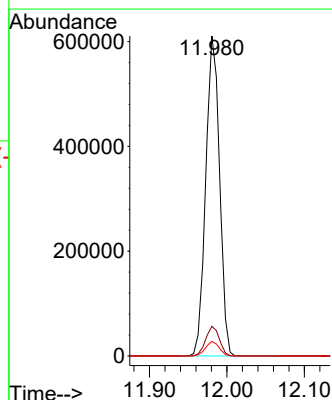
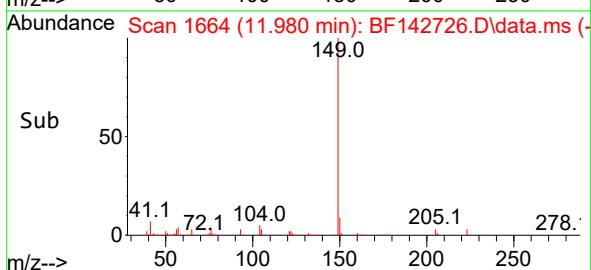
Reviewed By :Anahy Claudio 06/12/2025
 Supervised By :Jagrut Upadhyay 06/12/2025

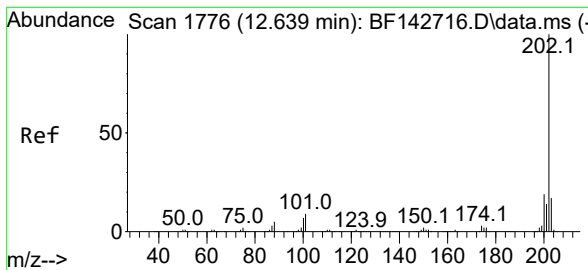


#74
 Di-n-butylphthalate
 Concen: 48.831 ng
 RT: 11.980 min Scan# 1664
 Delta R.T. 0.000 min
 Lab File: BF142726.D
 Acq: 11 Jun 2025 10:51



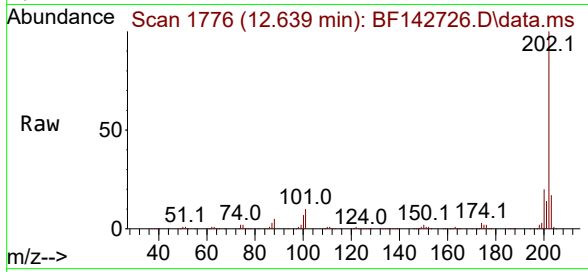
Tgt Ion:149 Resp: 755120
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.2 10.8
 104 4.5 3.4 5.2





#75
Fluoranthene
Concen: 45.459 ng
RT: 12.639 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

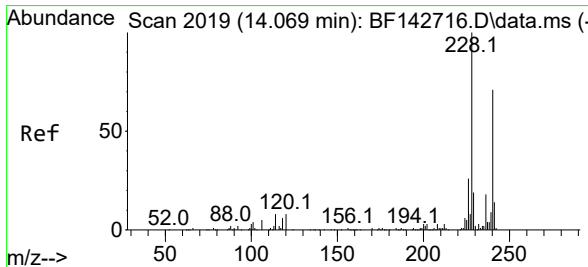
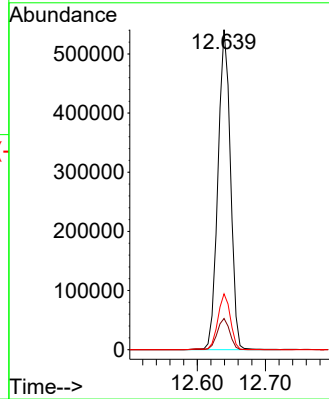
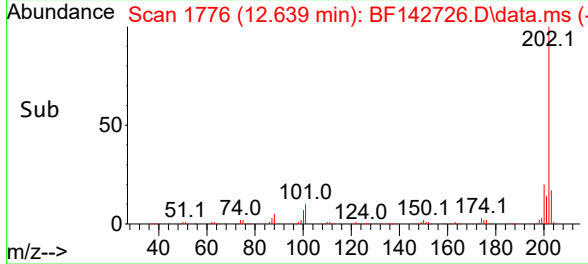
Instrument :
BNA_F
ClientSampleId :
PB168234BS



Tgt Ion:202 Resp: 69124
Ion Ratio Lower Upper
202 100
101 9.8 0.0 29.5
203 17.5 0.0 37.0

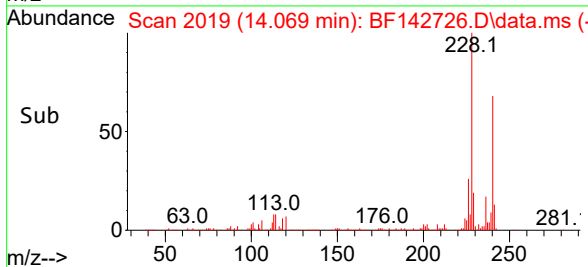
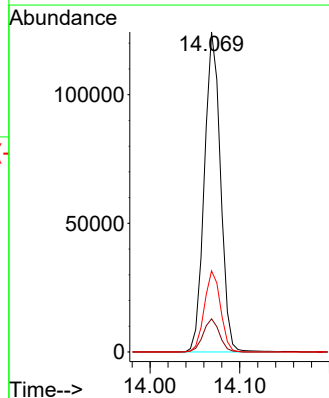
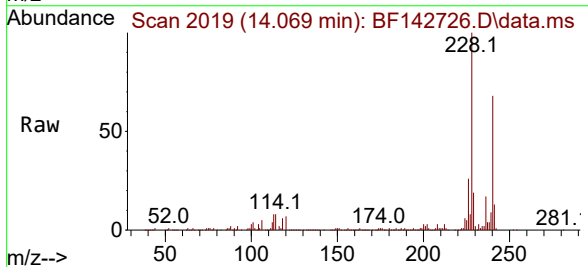
Manual Integrations
APPROVED

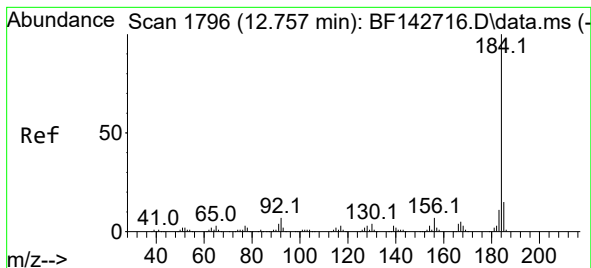
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion:240 Resp: 155305
Ion Ratio Lower Upper
240 100
120 10.3 8.5 12.7
236 25.3 20.1 30.1





#77

Benzidine

Concen: 21.509 ng

RT: 12.757 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142726.D

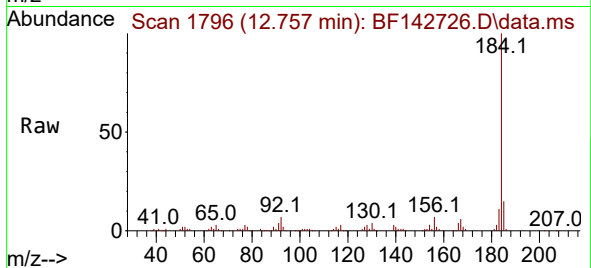
Acq: 11 Jun 2025 10:51

Instrument :

BNA_F

ClientSampleId :

PB168234BS



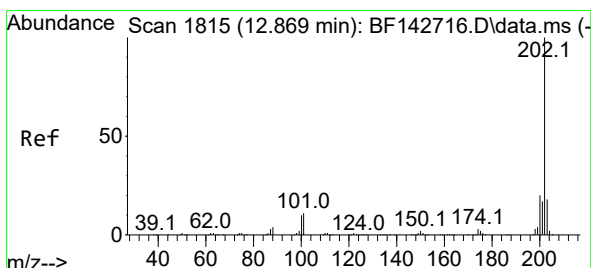
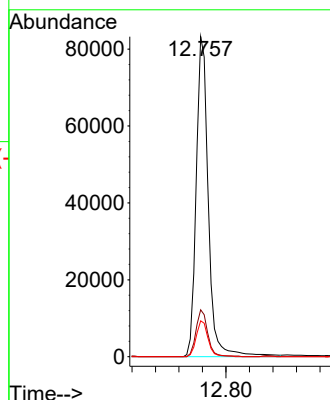
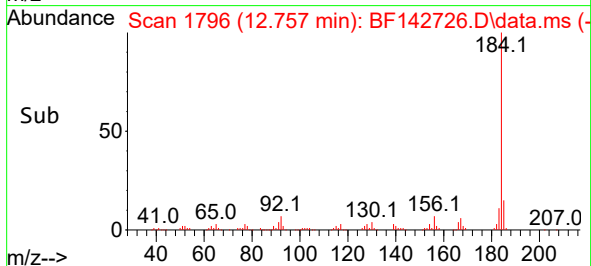
Tgt Ion:184	Resp: 11896
Ion Ratio	Lower Upper
184	100
185	14.7 11.7 17.5
183	11.2 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 06/12/2025

Supervised By :Jagrut Upadhyay 06/12/2025



#78

Pyrene

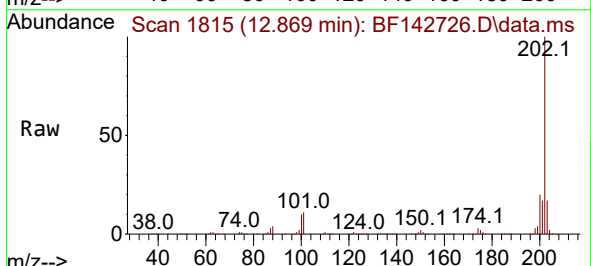
Concen: 47.047 ng

RT: 12.869 min Scan# 1815

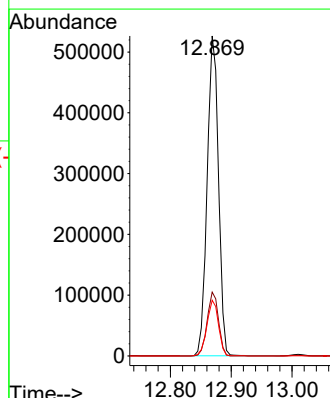
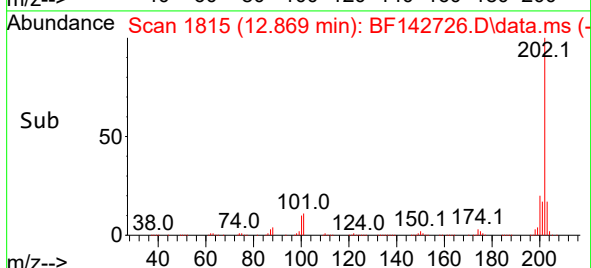
Delta R.T. 0.000 min

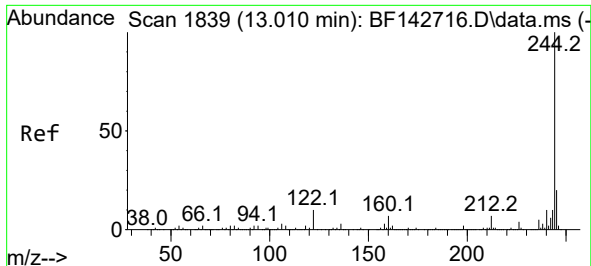
Lab File: BF142726.D

Acq: 11 Jun 2025 10:51



Tgt Ion:202	Resp: 679006
Ion Ratio	Lower Upper
202	100
200	19.9 15.8 23.8
203	17.4 14.1 21.1





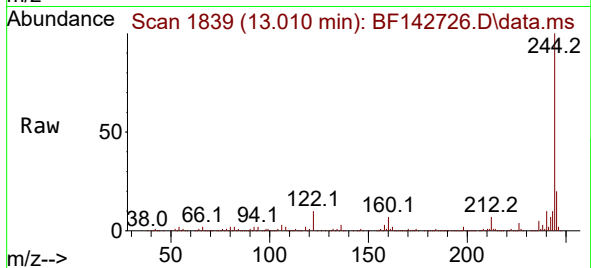
#79
 Terphenyl-d14
 Concen: 80.583 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.000 min
 Lab File: BF142726.D
 Acq: 11 Jun 2025 10:51

Instrument :

BNA_F

ClientSampleId :

PB168234BS

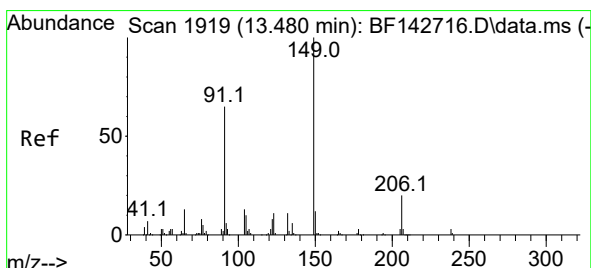
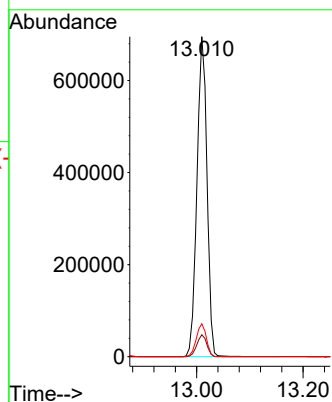
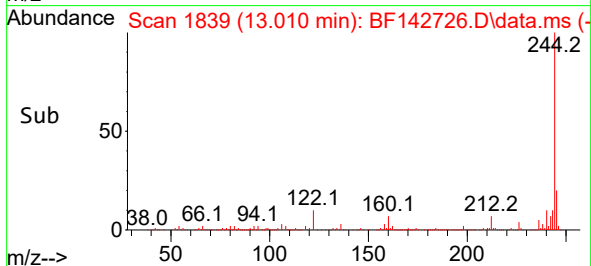


Tgt Ion:244 Resp: 911215
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.3 8.3 12.5

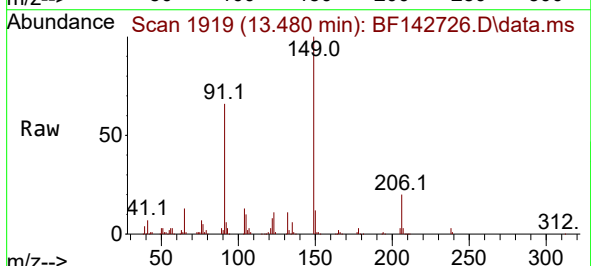
Manual Integrations

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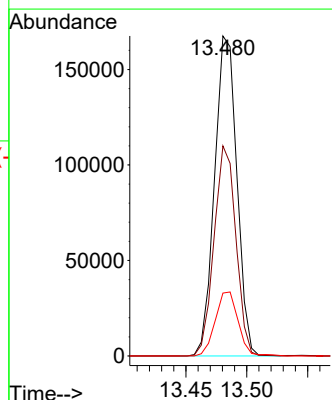
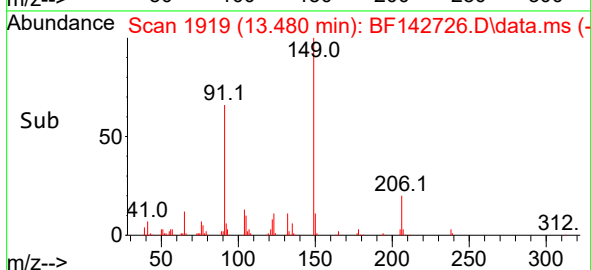
Reviewed By :Anahy Claudio 06/12/2025
 Supervised By :Jagrut Upadhyay 06/12/2025

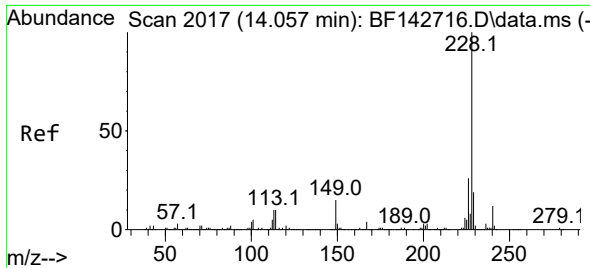


#80
 Butylbenzylphthalate
 Concen: 50.072 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: BF142726.D
 Acq: 11 Jun 2025 10:51



Tgt Ion:149 Resp: 213703
 Ion Ratio Lower Upper
 149 100
 91 65.6 52.3 78.5
 206 19.7 16.0 24.0





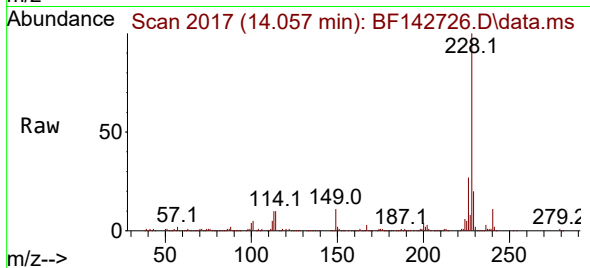
#81
Benzo(a)anthracene
Concen: 45.327 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Instrument :

BNA_F

ClientSampleId :

PB168234BS

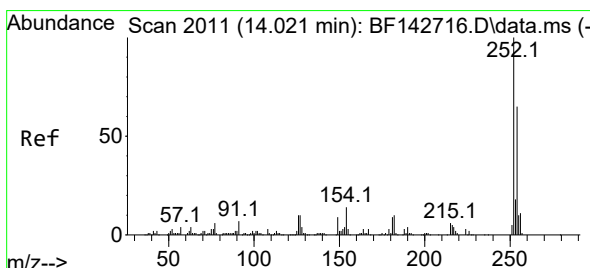
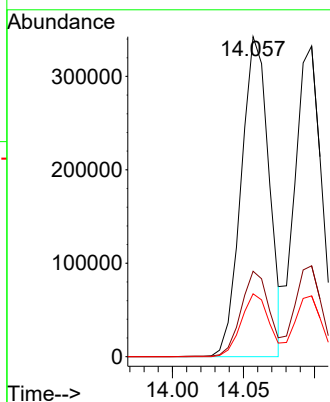
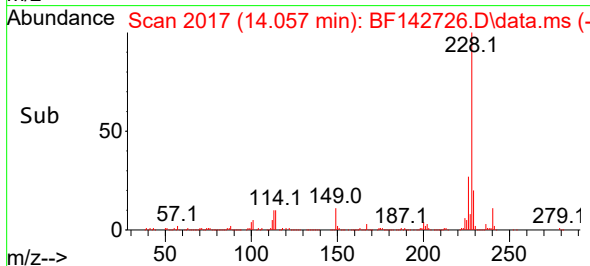


Tgt Ion:228 Resp: 466488
Ion Ratio Lower Upper
228 100
226 26.7 21.0 31.4
229 19.6 15.5 23.3

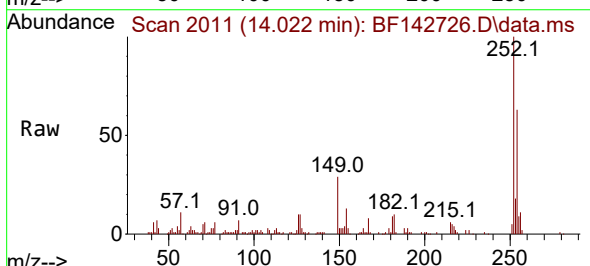
Manual Integrations

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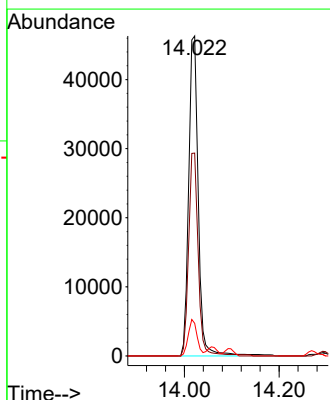
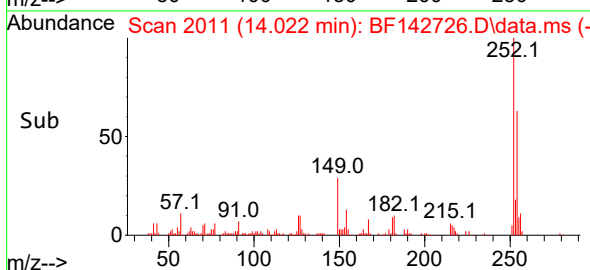
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

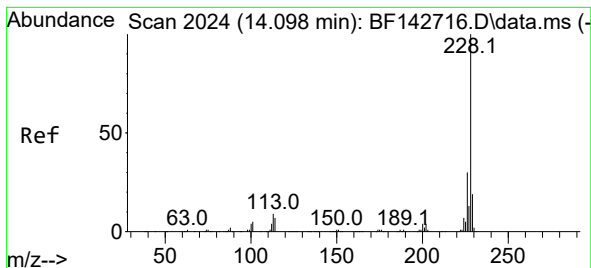


#82
3,3'-Dichlorobenzidine
Concen: 19.659 ng
RT: 14.022 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51



Tgt Ion:252 Resp: 65244
Ion Ratio Lower Upper
252 100
254 63.4 51.8 77.6
126 10.2 8.1 12.1





#83

Chrysene

Concen: 45.712 ng

RT: 14.098 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF142726.D

Acq: 11 Jun 2025 10:51

Instrument :

BNA_F

ClientSampleId :

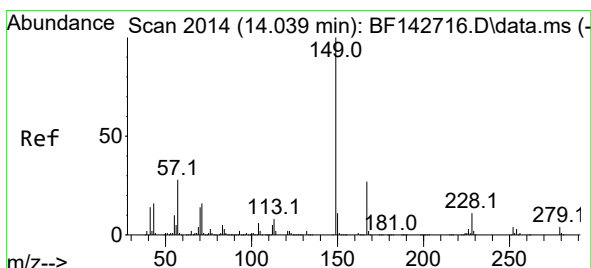
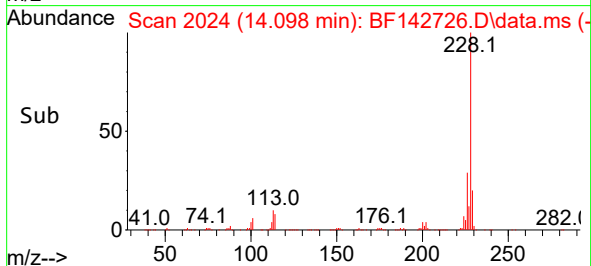
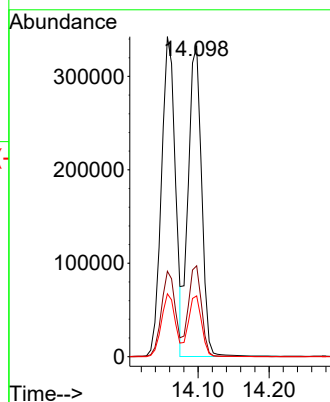
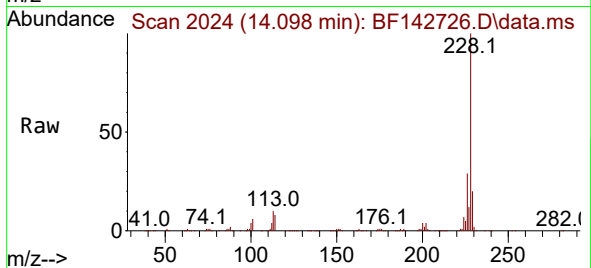
PB168234BS

Tgt Ion:	228	Resp:	43435
Ion Ratio	Lower	Upper	
228	100		
226	29.2	23.6	35.4
229	19.6	15.5	23.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.498 ng

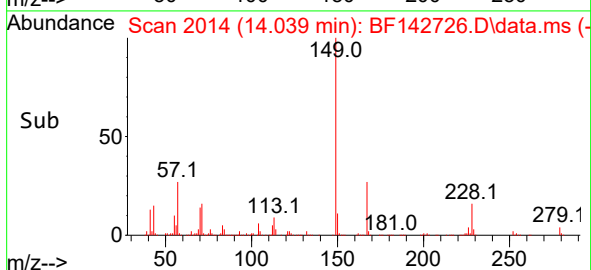
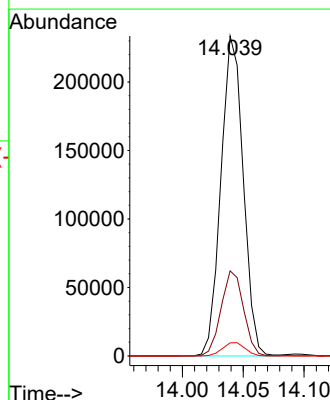
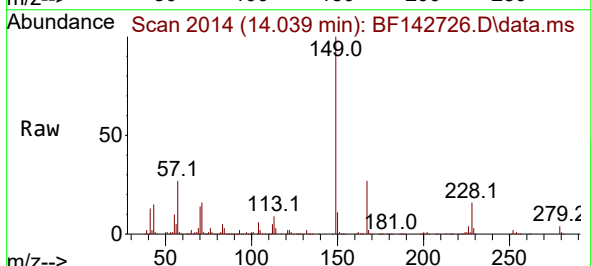
RT: 14.039 min Scan# 2014

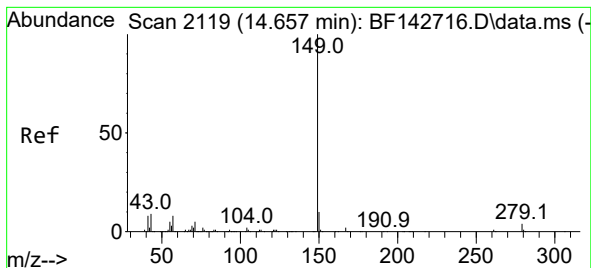
Delta R.T. 0.000 min

Lab File: BF142726.D

Acq: 11 Jun 2025 10:51

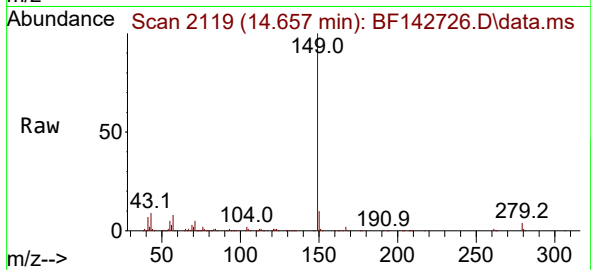
Tgt Ion:	149	Resp:	297822
Ion Ratio	Lower	Upper	
149	100		
167	26.6	21.4	32.2
279	4.1	3.0	4.4





#85
Di-n-octyl phthalate
Concen: 44.947 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

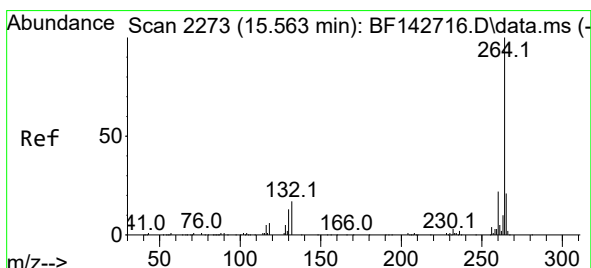
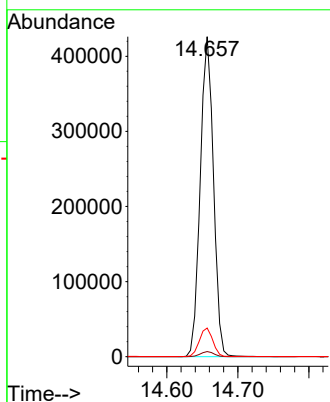
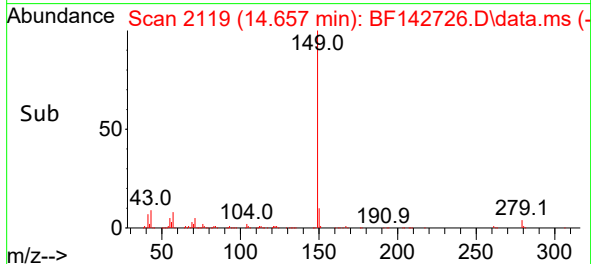
Instrument :
BNA_F
ClientSampleId :
PB168234BS



Tgt Ion:149 Resp: 552324
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.0 7.3 10.9

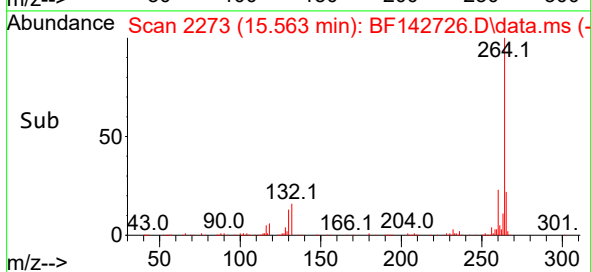
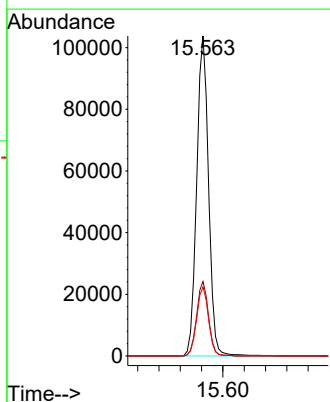
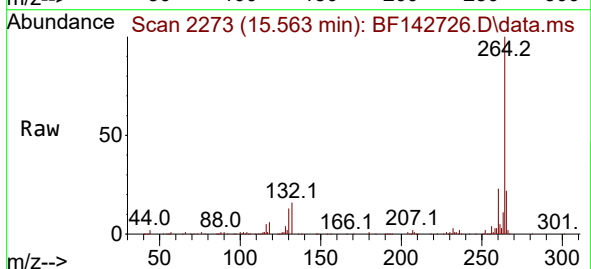
Manual Integrations
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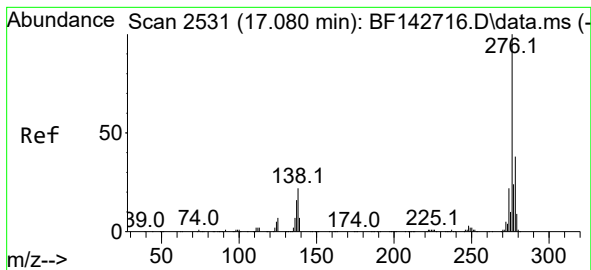
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

Tgt Ion:264 Resp: 159844
Ion Ratio Lower Upper
264 100
260 23.3 17.8 26.6
265 21.6 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.611 ng

RT: 17.086 min Scan# 2198

Delta R.T. 0.006 min

Lab File: BF142726.D

Acq: 11 Jun 2025 10:51

Instrument :

BNA_F

ClientSampleId :

PB168234BS

Tgt Ion:276 Resp: 55212

Ion Ratio Lower Upper

276 100

138 24.4 19.3 28.9

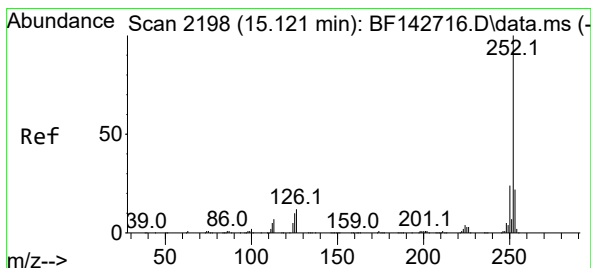
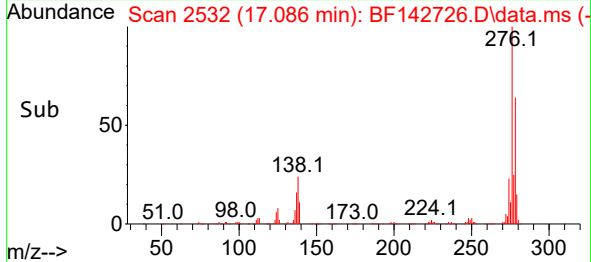
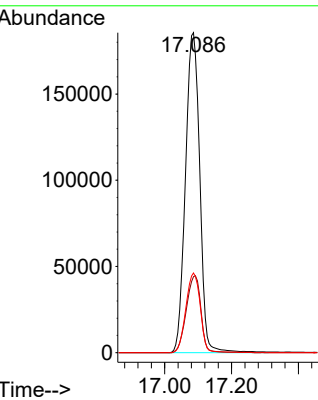
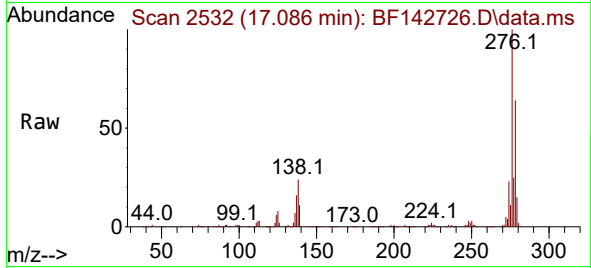
277 25.1 20.2 30.2

Manual Integrations

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Reviewed By :Anahy Claudio 06/12/2025

Supervised By :Jagrut Upadhyay 06/12/2025



#88

Benzo(b)fluoranthene

Concen: 49.597 ng

RT: 15.121 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF142726.D

Acq: 11 Jun 2025 10:51

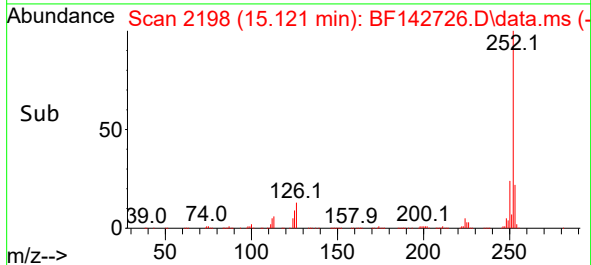
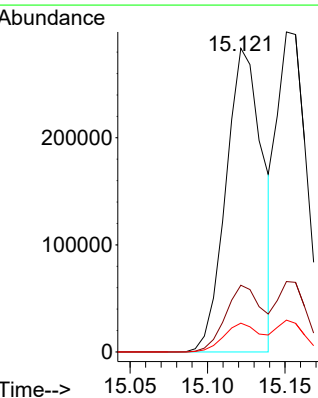
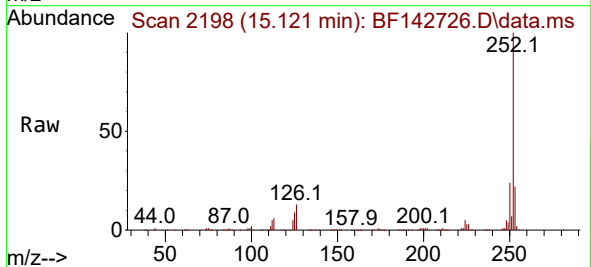
Tgt Ion:252 Resp: 466805

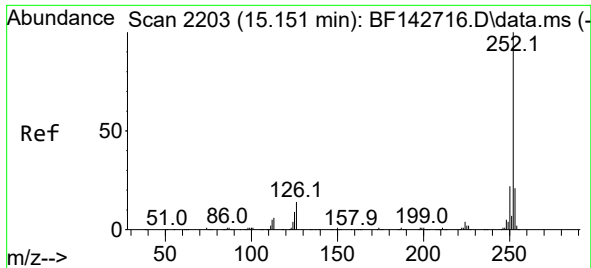
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

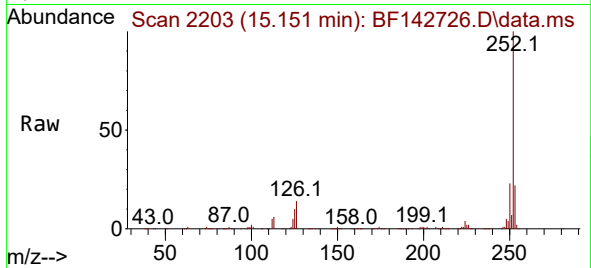
125 9.5 7.8 11.6





#89
Benzo(k)fluoranthene
Concen: 44.366 ng
RT: 15.151 min Scan# 2203
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

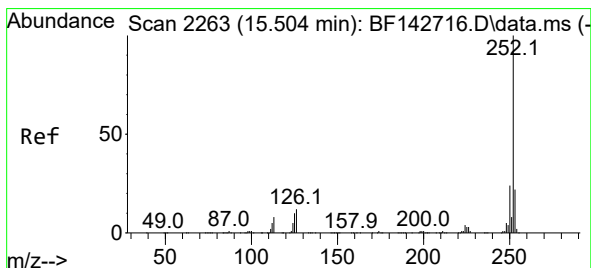
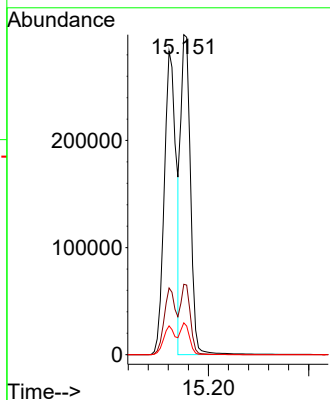
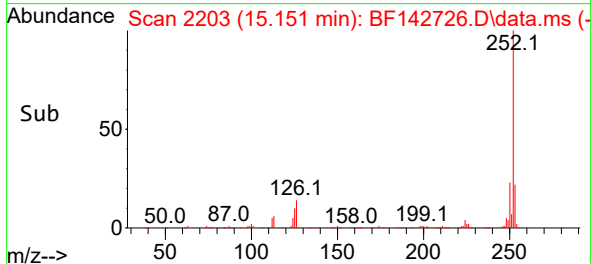
Instrument :
BNA_F
ClientSampleId :
PB168234BS



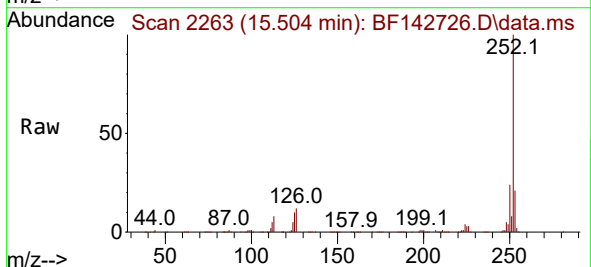
Tgt Ion:252 Resp: 405150
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 10.0 7.5 11.3

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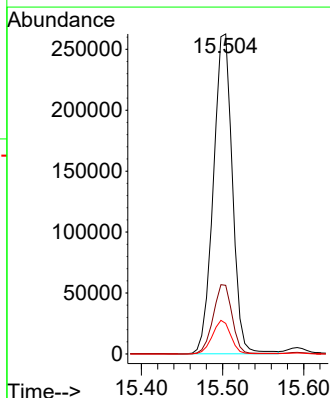
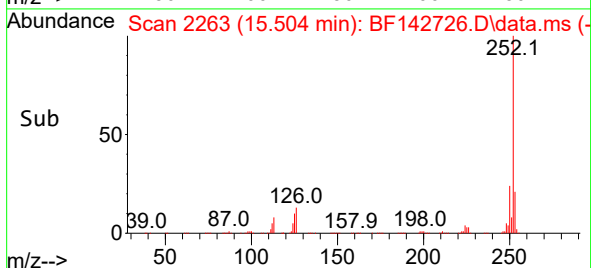
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

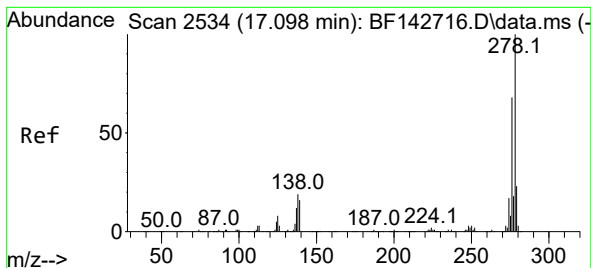


#90
Benzo(a)pyrene
Concen: 47.794 ng
RT: 15.504 min Scan# 2263
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51



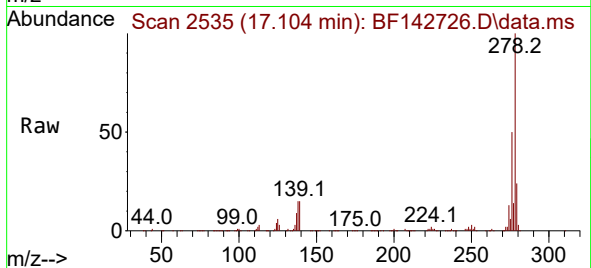
Tgt Ion:252 Resp: 427694
Ion Ratio Lower Upper
252 100
253 21.5 17.3 25.9
125 9.6 8.0 12.0





#91
Dibenzo(a,h)anthracene
Concen: 47.702 ng
RT: 17.104 min Scan# 2535
Delta R.T. 0.006 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51

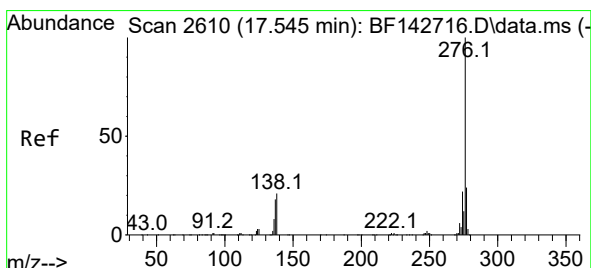
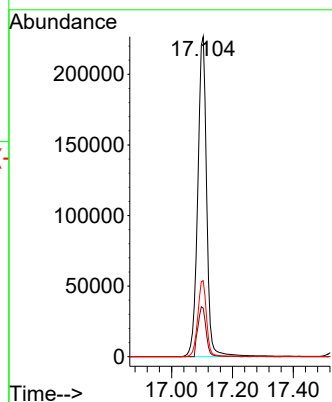
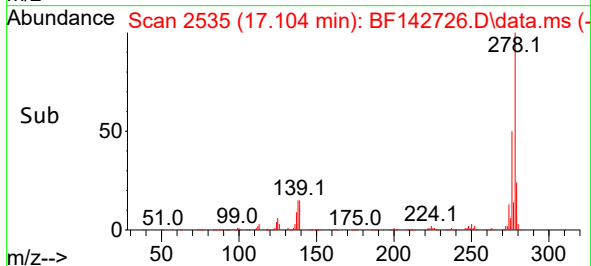
Instrument :
BNA_F
ClientSampleId :
PB168234BS



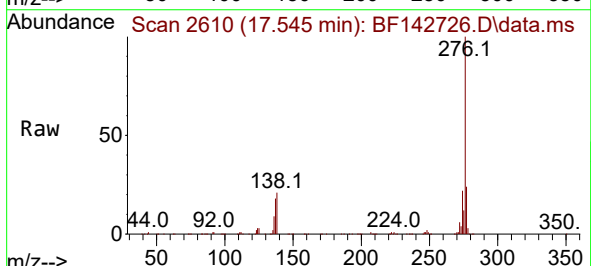
Tgt Ion:278 Resp: 46137
Ion Ratio Lower Upper
278 100
139 15.1 12.8 19.2
279 23.7 18.7 28.1

Manual Integrations
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Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#92
Benzo(g,h,i)perylene
Concen: 46.121 ng
RT: 17.545 min Scan# 2610
Delta R.T. 0.000 min
Lab File: BF142726.D
Acq: 11 Jun 2025 10:51



Tgt Ion:276 Resp: 443588
Ion Ratio Lower Upper
276 100
277 23.9 18.8 28.2
138 20.5 16.4 24.6

