

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
 Data File : BF142725.D
 Acq On : 11 Jun 2025 10:22
 Operator : RC/JU
 Sample : PB168376BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168376BS

Manual Integrations
 APPROVED

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

Quant Time: Jun 11 11:13:23 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	6.892	152	83835	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	326703	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	180412	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	308296	20.000	ng	0.00
76) Chrysene-d12	14.068	240	158833	20.000	ng	0.00
86) Perylene-d12	15.562	264	161986	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	580030	117.836	ng	0.02
7) Phenol-d6	6.528	99	691497	119.370	ng	0.00
23) Nitrobenzene-d5	7.457	82	436631	73.142	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	243155	122.974	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	992837	73.113	ng	0.00
79) Terphenyl-d14	13.010	244	954097	82.501	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.775	88	66149	33.957	ng	99
3) Pyridine	3.528	79	186013	38.082	ng	99
4) n-Nitrosodimethylamine	3.487	42	104338	41.750	ng	99
6) Aniline	6.557	93	253774	32.731	ng	97
8) 2-Chlorophenol	6.681	128	229918	42.742	ng	97
9) Benzaldehyde	6.445	77	110710	30.861	ng	99
10) Phenol	6.539	94	267685	41.572	ng	94
11) bis(2-Chloroethyl)ether	6.628	93	204823	42.587	ng	99
12) 1,3-Dichlorobenzene	6.834	146	250548	40.813	ng	99
13) 1,4-Dichlorobenzene	6.910	146	252609	40.716	ng	99
14) 1,2-Dichlorobenzene	7.063	146	240865	40.501	ng	100
15) Benzyl Alcohol	7.034	79	190494	43.508	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	307209	40.570	ng	99
17) 2-Methylphenol	7.145	107	178635	43.318	ng	100
18) Hexachloroethane	7.404	117	90276	40.603	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	153514	41.627	ng	99
20) 3+4-Methylphenols	7.298	107	221436	42.592	ng	99
22) Acetophenone	7.304	105	303454	41.756	ng	99
24) Nitrobenzene	7.475	77	223324	42.151	ng	98
25) Isophorone	7.716	82	422503	41.801	ng	100
26) 2-Nitrophenol	7.792	139	127442	43.100	ng	99
27) 2,4-Dimethylphenol	7.828	122	216048	42.915	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	260828	41.564	ng	99
29) 2,4-Dichlorophenol	8.033	162	200329	43.119	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	211939	41.283	ng	99
31) Naphthalene	8.198	128	670455	41.495	ng	100
32) Benzoic acid	7.957	122	128911	45.468	ng	99
33) 4-Chloroaniline	8.245	127	137411	21.181	ng	99
34) Hexachlorobutadiene	8.316	225	134679	41.167	ng	98
35) Caprolactam	8.622	113	59769m	47.659	ng	
36) 4-Chloro-3-methylphenol	8.728	107	208372	43.133	ng	97
37) 2-Methylnaphthalene	8.892	142	423677	41.428	ng	98
38) 1-Methylnaphthalene	8.992	142	442423	41.760	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	218030	41.755	ng	99
41) Hexachlorocyclopentadiene	9.045	237	293801	87.666	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	149594	44.257	ng	98

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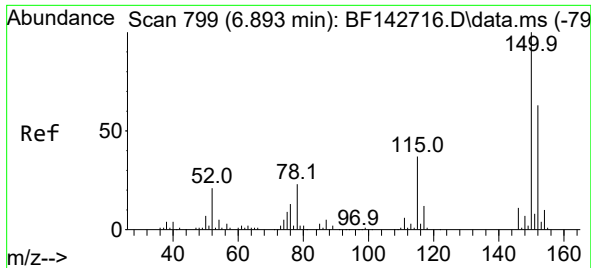
Manual Integrations
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Reviewed By :Anahy Claudio 06/12/2025
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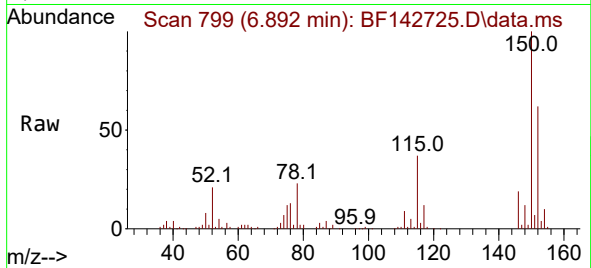
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	152133	41.672	ng	98
46) 1,1'-Biphenyl	9.357	154	581527	41.510	ng	100
47) 2-Chloronaphthalene	9.380	162	434027	42.053	ng	99
48) 2-Nitroaniline	9.480	65	127361	43.387	ng	96
49) Acenaphthylene	9.798	152	734342	42.197	ng	100
50) Dimethylphthalate	9.657	163	527911	43.819	ng	100
51) 2,6-Dinitrotoluene	9.722	165	112140	43.068	ng	94
52) Acenaphthene	9.969	154	512699	47.517	ng	100
53) 3-Nitroaniline	9.886	138	79849	28.273	ng	98
54) 2,4-Dinitrophenol	9.998	184	144304	101.173	ng	92
55) Dibenzofuran	10.145	168	642292	41.803	ng	100
56) 4-Nitrophenol	10.057	139	183656	95.881	ng	100
57) 2,4-Dinitrotoluene	10.127	165	157845	45.850	ng	98
58) Fluorene	10.486	166	508917	41.944	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	138564	45.115	ng	97
60) Diethylphthalate	10.357	149	532883	44.607	ng	100
61) 4-Chlorophenyl-phenyle...	10.474	204	248130	41.875	ng	98
62) 4-Nitroaniline	10.510	138	115198	45.594	ng	98
63) Azobenzene	10.639	77	454272	43.540	ng	98
65) 4,6-Dinitro-2-methylph...	10.539	198	90283	46.764	ng	97
66) n-Nitrosodiphenylamine	10.598	169	449532	42.420	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	156999	43.142	ng	98
68) Hexachlorobenzene	11.033	284	173469	42.943	ng	99
69) Atrazine	11.121	200	138694	49.090	ng	99
70) Pentachlorophenol	11.233	266	190489	89.961	ng	98
71) Phenanthrene	11.451	178	701943	42.499	ng	100
72) Anthracene	11.504	178	735078	43.022	ng	100
73) Carbazole	11.657	167	636939	44.529	ng	100
74) Di-n-butylphthalate	11.980	149	759535	47.554	ng	99
75) Fluoranthene	12.639	202	696379	44.340	ng	99
77) Benzidine	12.757	184	210533	37.219	ng	99
78) Pyrene	12.868	202	687115	46.551	ng	100
80) Butylbenzylphthalate	13.480	149	216900	49.693	ng	100
81) Benzo(a)anthracene	14.057	228	491932	46.738	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	78974	23.268	ng	99
83) Chrysene	14.098	228	414848	42.690	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	289978	44.268	ng	100
85) Di-n-octyl phthalate	14.657	149	530471	42.210	ng	100
87) Indeno(1,2,3-cd)pyrene	17.086	276	515505	42.944	ng	99
88) Benzo(b)fluoranthene	15.121	252	438882	46.014	ng	100
89) Benzo(k)fluoranthene	15.151	252	390129	42.156	ng	99
90) Benzo(a)pyrene	15.504	252	408503	45.046	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	423087	43.165	ng	99
92) Benzo(g,h,i)perylene	17.545	276	411061	42.174	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 79
Delta R.T. -0.001 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

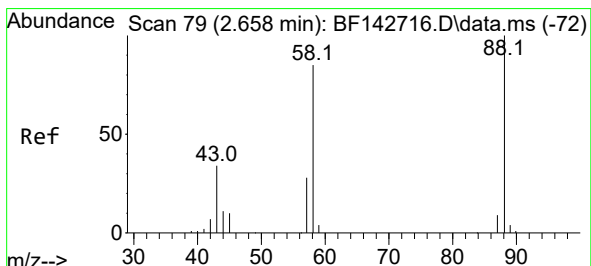
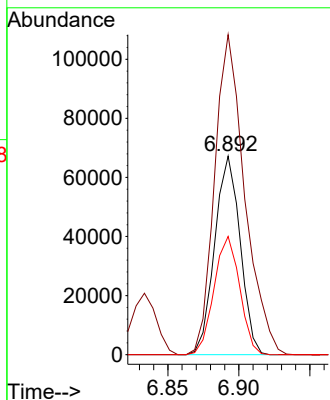
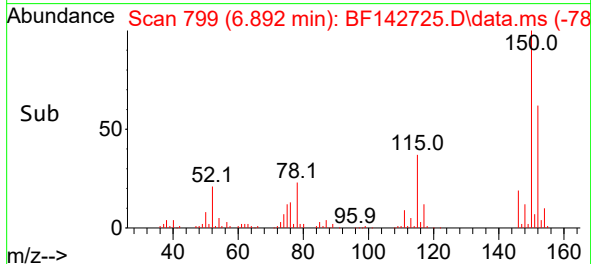
Instrument :
BNA_F
ClientSampleId :
PB168376BS



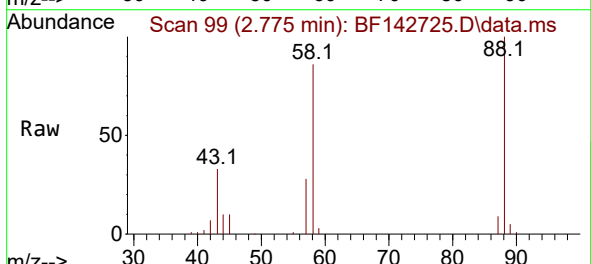
Tgt Ion:152 Resp: 8383
Ion Ratio Lower Upper
152 100
150 161.2 126.9 190.3
115 59.6 47.0 70.6

Manual Integrations
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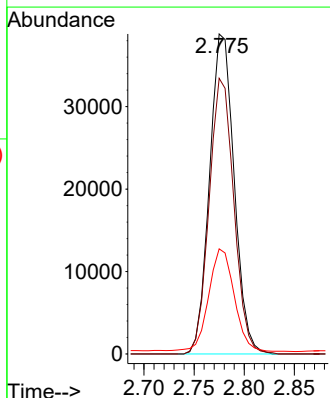
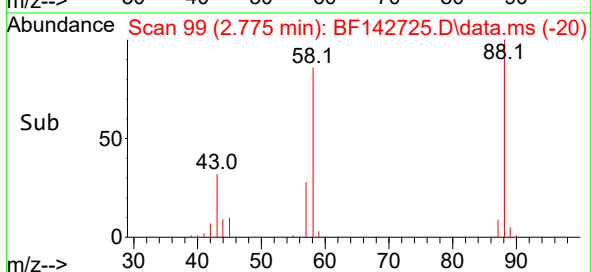
Reviewed By :Anahy Claudio 06/12/2025
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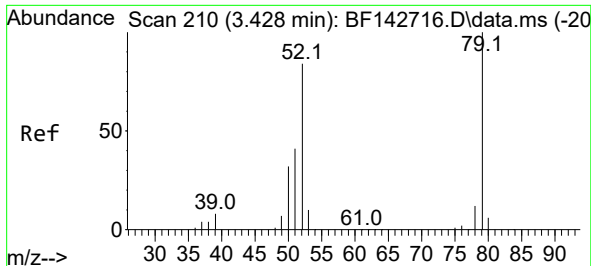


#2
1,4-Dioxane
Concen: 33.957 ng
RT: 2.775 min Scan# 99
Delta R.T. 0.117 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22



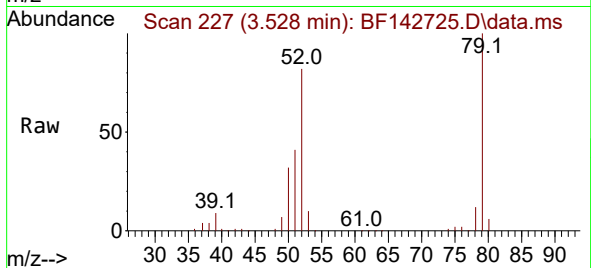
Tgt Ion: 88 Resp: 66149
Ion Ratio Lower Upper
88 100
58 86.4 68.4 102.6
43 33.8 27.0 40.6





#3
Pyridine
Concen: 38.082 ng
RT: 3.528 min Scan# 210
Delta R.T. 0.100 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

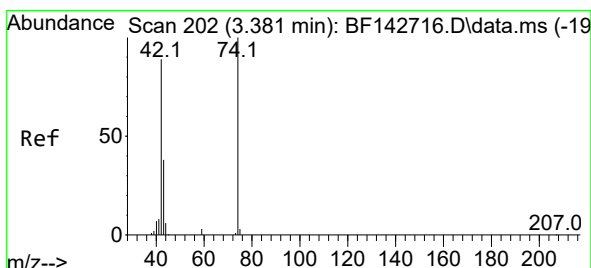
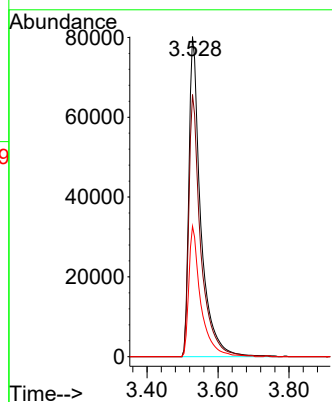
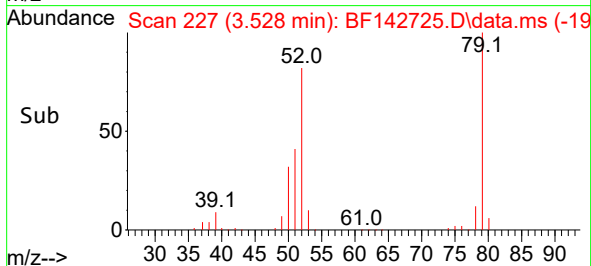
Instrument :
BNA_F
ClientSampleId :
PB168376BS



Tgt Ion: 79 Resp: 18601
Ion Ratio Lower Upper
79 100
52 81.9 67.1 100.7
51 40.7 32.6 48.8

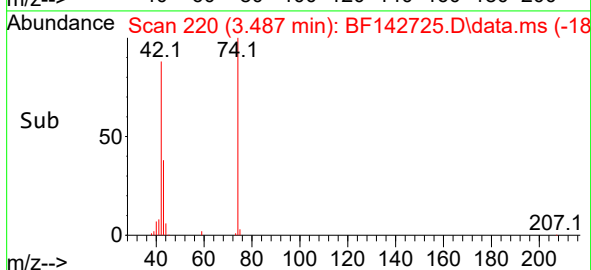
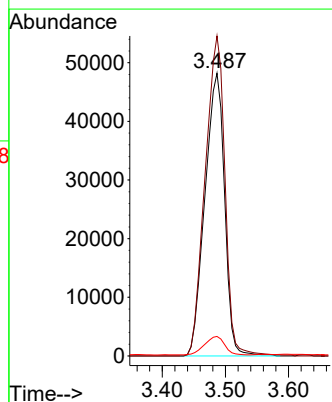
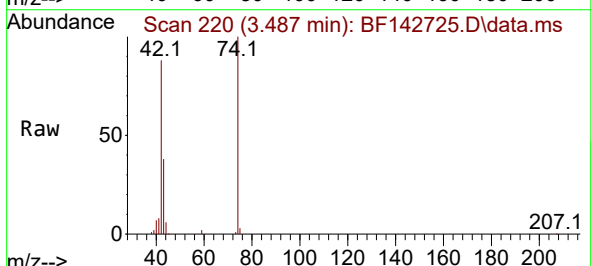
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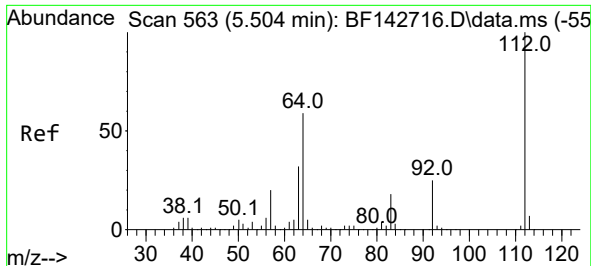
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#4
n-Nitrosodimethylamine
Concen: 41.750 ng
RT: 3.487 min Scan# 220
Delta R.T. 0.106 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

Tgt Ion: 42 Resp: 104338
Ion Ratio Lower Upper
42 100
74 113.2 89.6 134.4
44 6.9 5.4 8.2





#5
2-Fluorophenol
Concen: 117.836 ng
RT: 5.522 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

Instrument :

BNA_F

ClientSampleId :

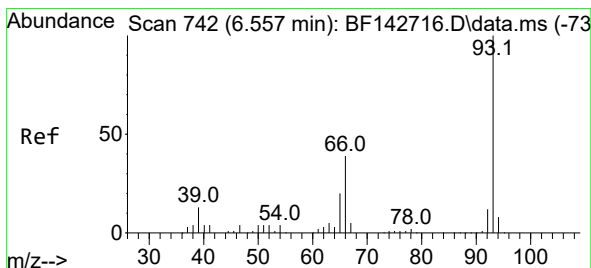
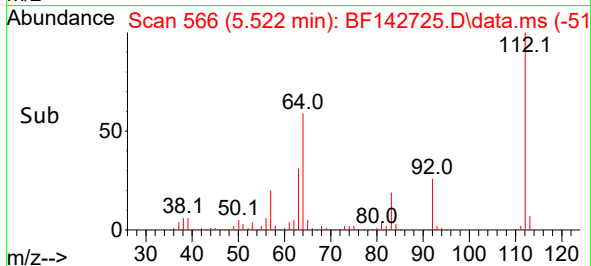
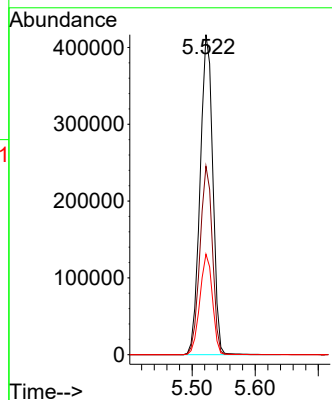
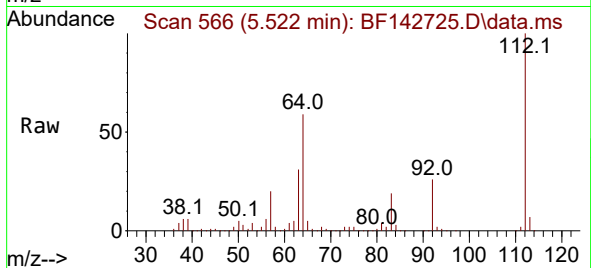
PB168376BS

Tgt Ion:112 Resp: 580030
Ion Ratio Lower Upper
112 100
64 58.9 47.4 71.2
63 31.4 25.4 38.0

Manual Integrations

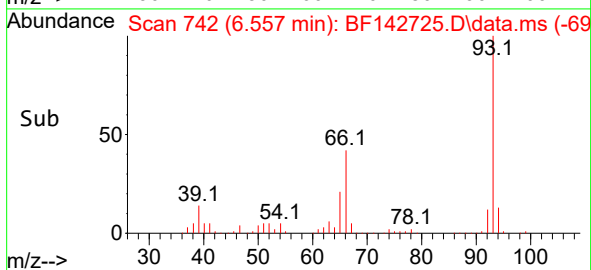
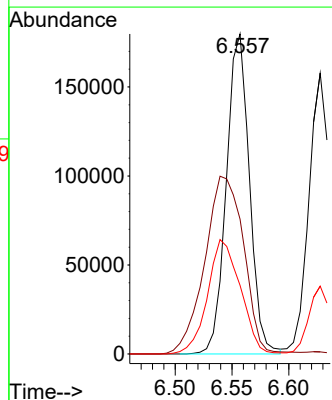
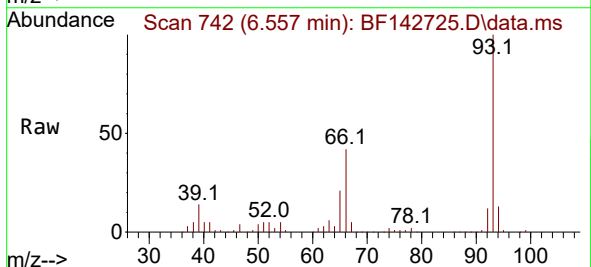
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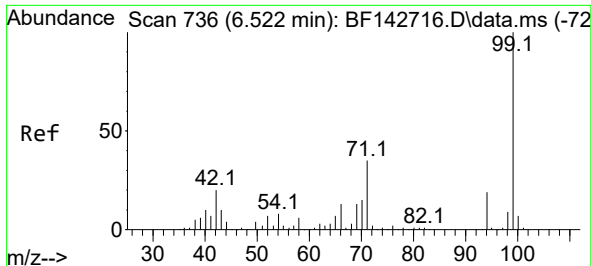
Reviewed By :Anahy Claudio 06/12/2025
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#6
Aniline
Concen: 32.731 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

Tgt Ion: 93 Resp: 253774
Ion Ratio Lower Upper
93 100
66 42.1 32.0 48.0
65 21.4 16.1 24.1





#7

Phenol-d6

Concen: 119.370 ng

RT: 6.528 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF142725.D

Acq: 11 Jun 2025 10:22

Instrument :

BNA_F

ClientSampleId :

PB168376BS

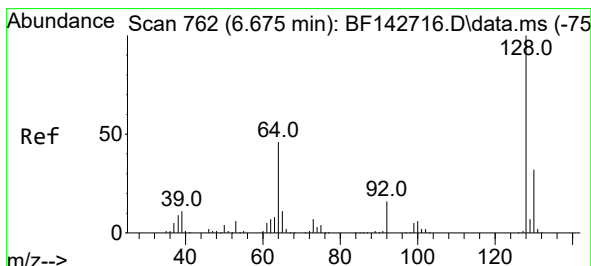
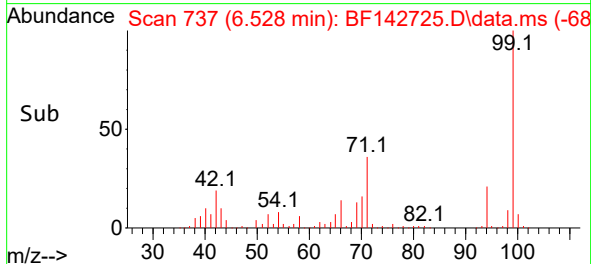
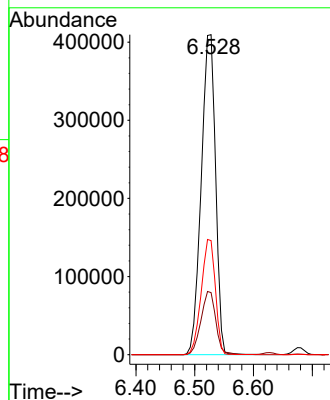
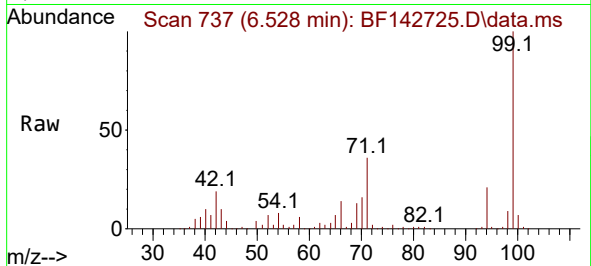
Tgt Ion: 99	Resp: 69149
Ion Ratio	Lower Upper
99 100	
42 19.4	15.9 23.9
71 35.7	28.0 42.0

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#8

2-Chlorophenol

Concen: 42.742 ng

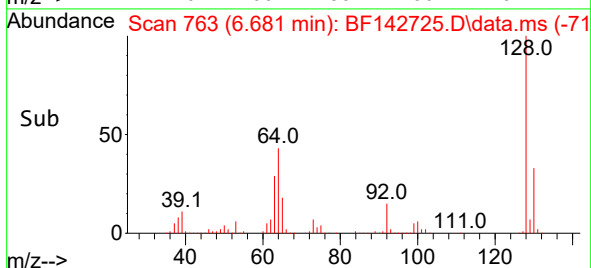
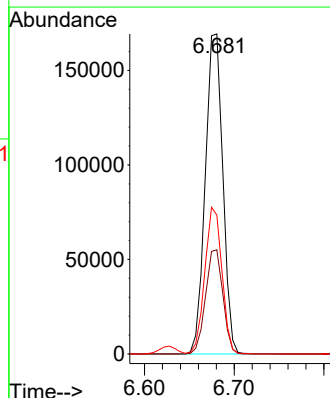
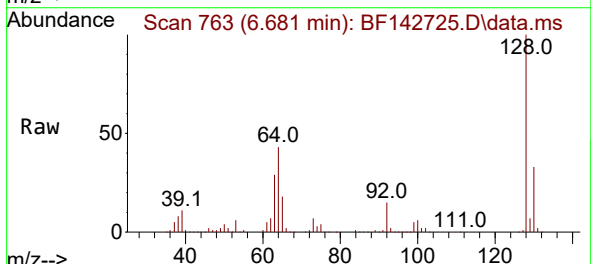
RT: 6.681 min Scan# 763

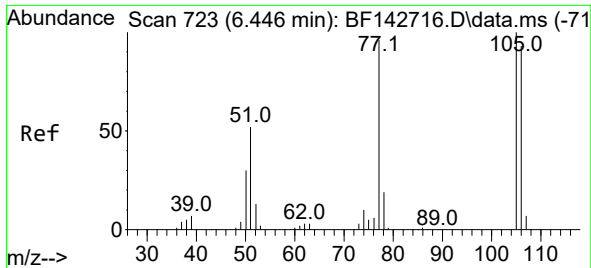
Delta R.T. 0.006 min

Lab File: BF142725.D

Acq: 11 Jun 2025 10:22

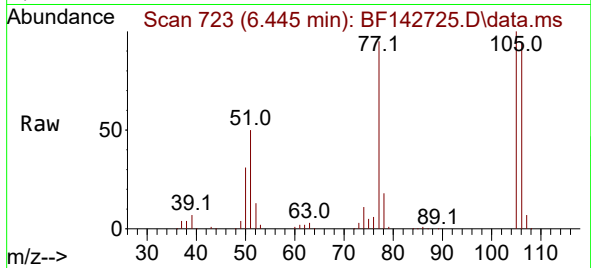
Tgt Ion:128	Resp: 229918
Ion Ratio	Lower Upper
128 100	
130 32.6	12.4 52.4
64 43.4	26.5 66.5





#9
Benzaldehyde
Concen: 30.861 ng
RT: 6.445 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

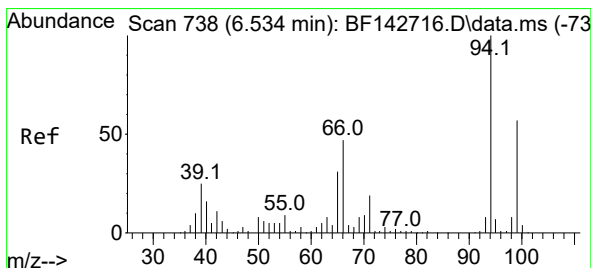
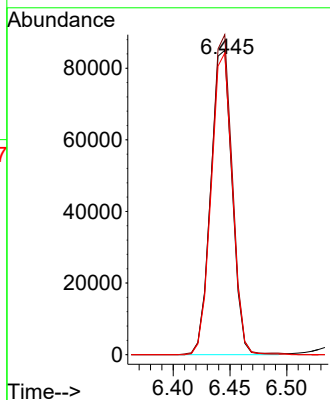
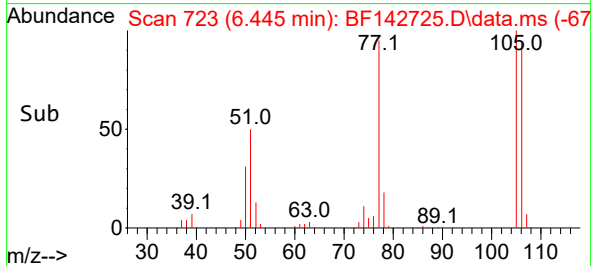
Instrument :
BNA_F
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PB168376BS



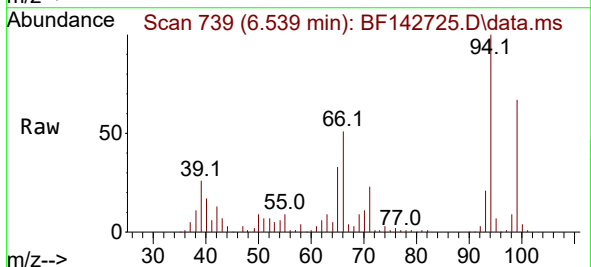
Tgt Ion: 77 Resp: 110710
Ion Ratio Lower Upper
77 100
105 105.1 84.1 124.1
106 99.1 77.2 117.2

Manual Integrations
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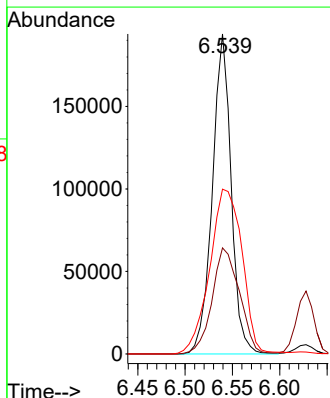
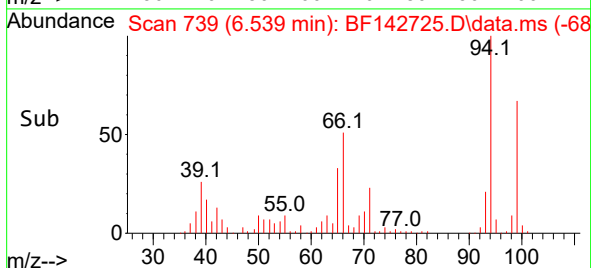
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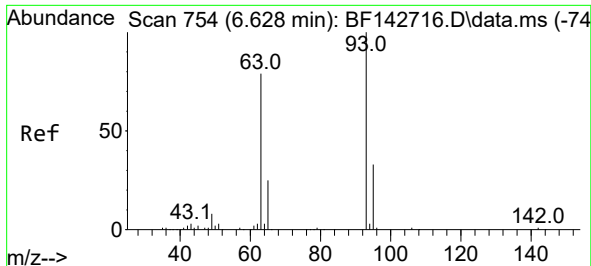


#10
Phenol
Concen: 41.572 ng
RT: 6.539 min Scan# 739
Delta R.T. 0.006 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22



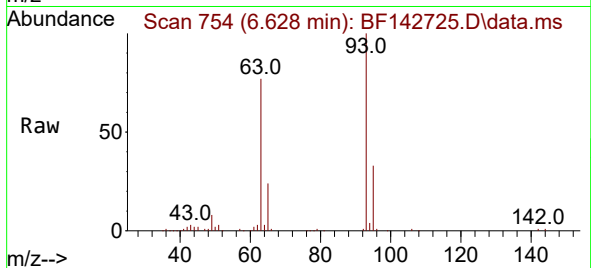
Tgt Ion: 94 Resp: 267685
Ion Ratio Lower Upper
94 100
65 33.1 11.4 51.4
66 51.5 26.7 66.7





#11
bis(2-Chloroethyl)ether
Concen: 42.587 ng
RT: 6.628 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

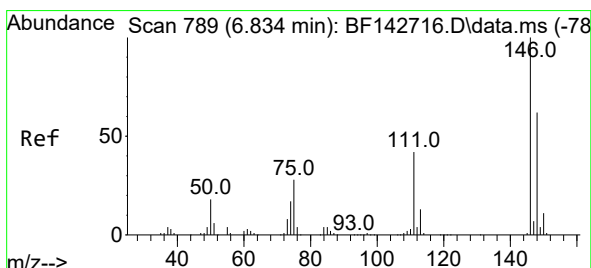
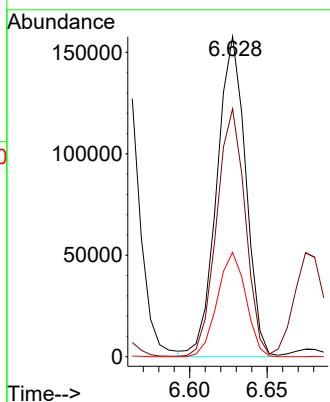
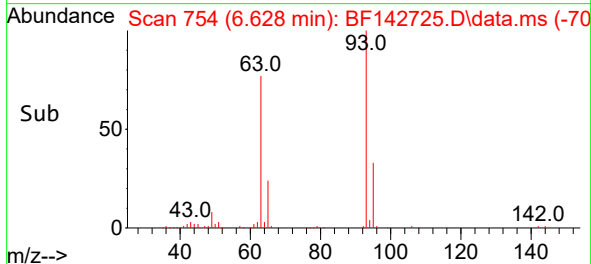
Instrument :
BNA_F
ClientSampleId :
PB168376BS



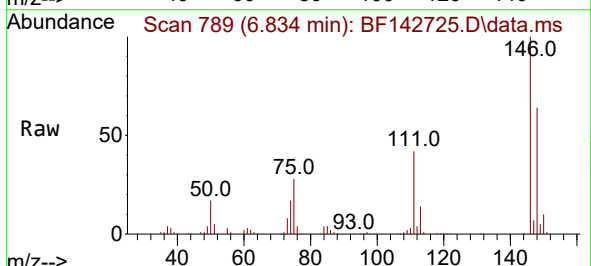
Tgt Ion: 93 Resp: 20482
Ion Ratio Lower Upper
93 100
63 77.5 58.3 98.3
95 32.6 13.1 53.1

Manual Integrations
APPROVED

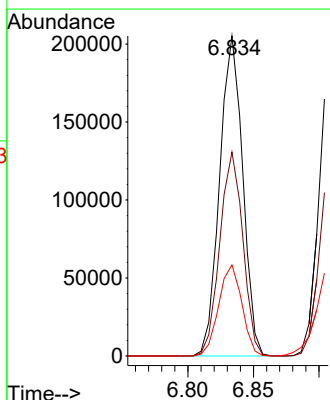
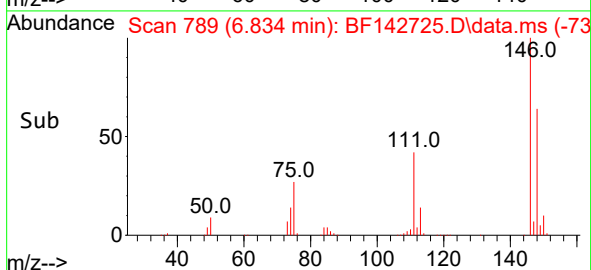
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

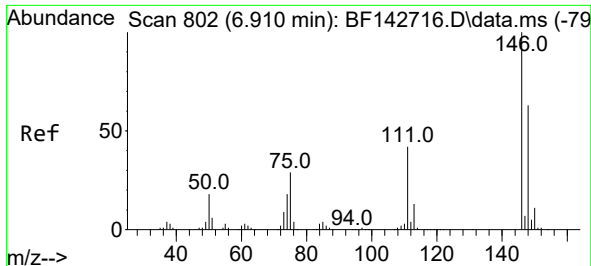


#12
1,3-Dichlorobenzene
Concen: 40.813 ng
RT: 6.834 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22



Tgt Ion:146 Resp: 250548
Ion Ratio Lower Upper
146 100
148 63.7 49.9 74.9
75 28.4 22.6 34.0





#13

1,4-Dichlorobenzene

Concen: 40.716 ng

RT: 6.910 min Scan# 802

Delta R.T. -0.000 min

Lab File: BF142725.D

Acq: 11 Jun 2025 10:22

Instrument :

BNA_F

ClientSampleId :

PB168376BS

Tgt Ion:146 Resp: 252609

Ion Ratio Lower Upper

146 100

148 64.1 50.5 75.7

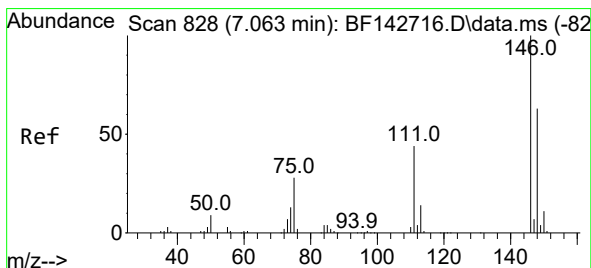
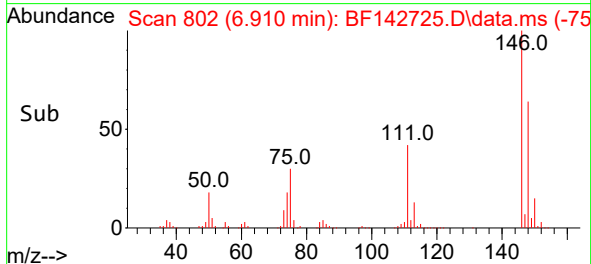
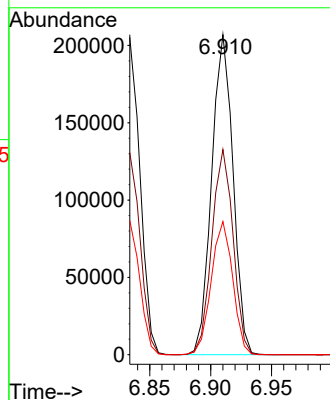
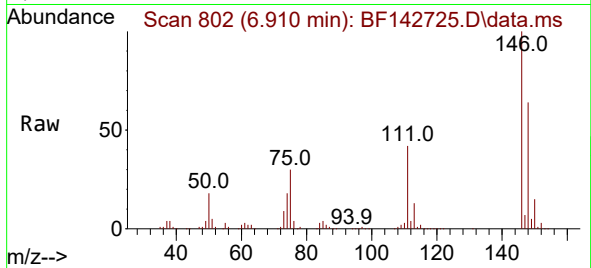
111 41.6 33.6 50.4

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 06/12/2025

Supervised By :Jagrut Upadhyay 06/12/2025



#14

1,2-Dichlorobenzene

Concen: 40.501 ng

RT: 7.063 min Scan# 828

Delta R.T. -0.000 min

Lab File: BF142725.D

Acq: 11 Jun 2025 10:22

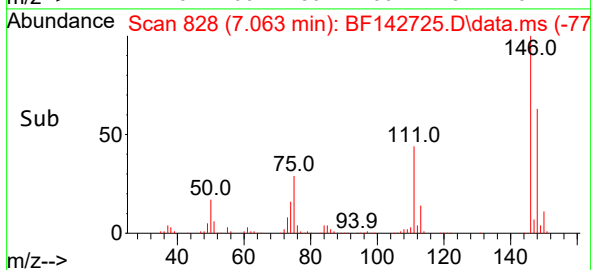
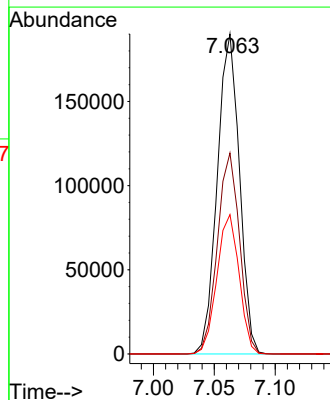
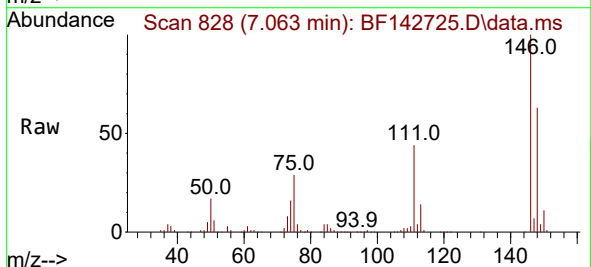
Tgt Ion:146 Resp: 240865

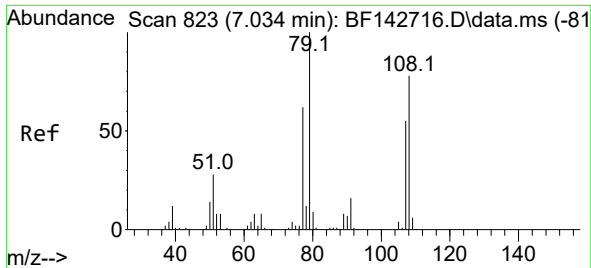
Ion Ratio Lower Upper

146 100

148 62.8 50.4 75.6

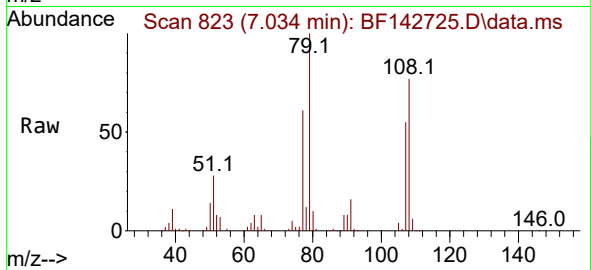
111 43.6 35.2 52.8





#15
Benzyl Alcohol
Concen: 43.508 ng
RT: 7.034 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

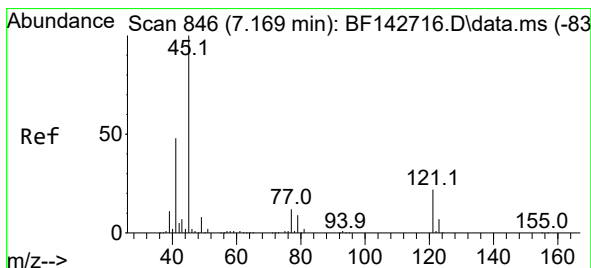
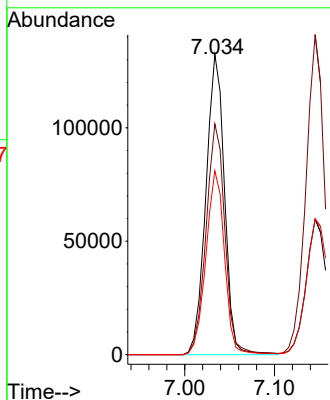
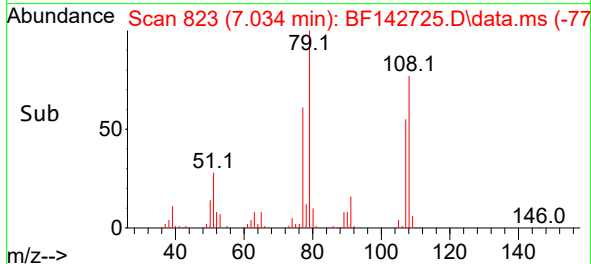
Instrument :
BNA_F
ClientSampleId :
PB168376BS



Tgt Ion: 79 Resp: 190494
Ion Ratio Lower Upper
79 100
108 76.9 62.6 94.0
77 61.3 49.8 74.8

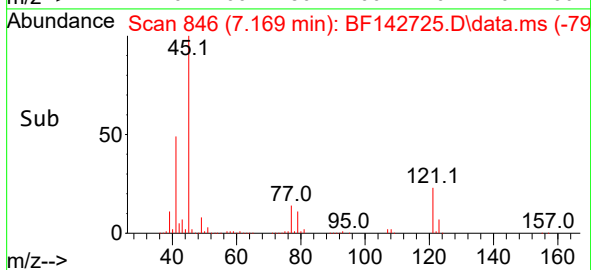
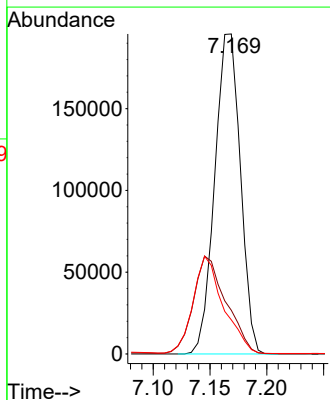
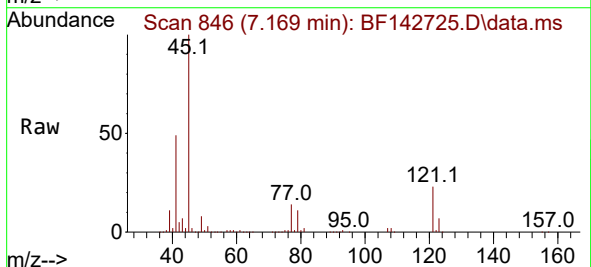
Manual Integrations
APPROVED

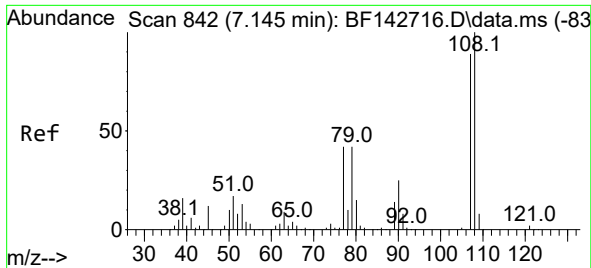
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.570 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

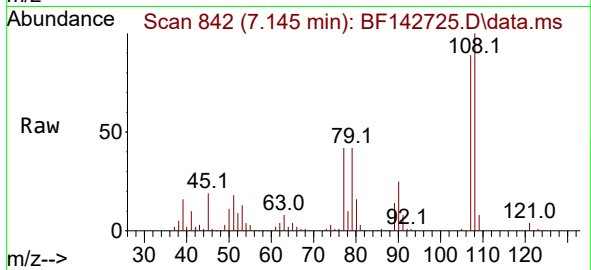
Tgt Ion: 45 Resp: 307209
Ion Ratio Lower Upper
45 100
77 13.7 0.0 33.1
79 10.7 0.0 30.5





#17
2-Methylphenol
Concen: 43.318 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

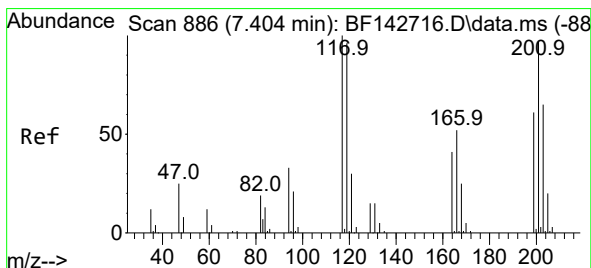
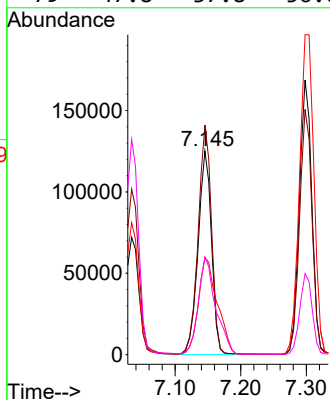
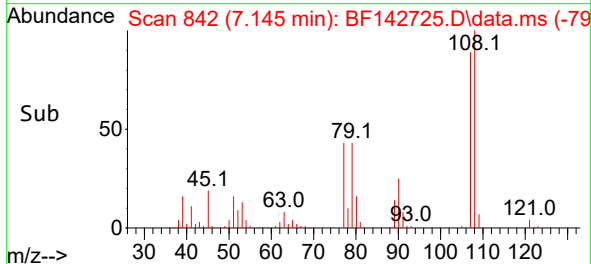
Instrument :
BNA_F
ClientSampleId :
PB168376BS



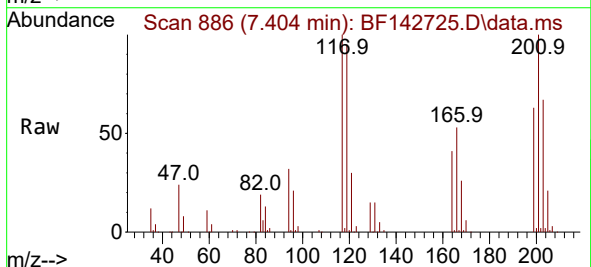
Tgt Ion:107 Resp: 178635
Ion Ratio Lower Upper
107 100
108 112.8 90.0 135.0
77 47.9 38.2 57.2
79 47.8 37.8 56.6

Manual Integrations
APPROVED

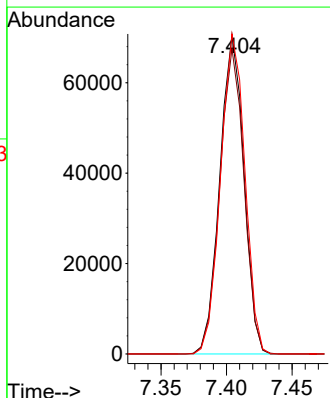
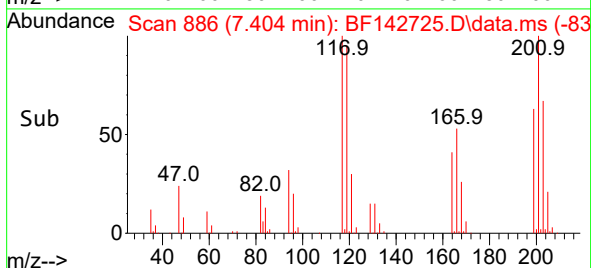
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

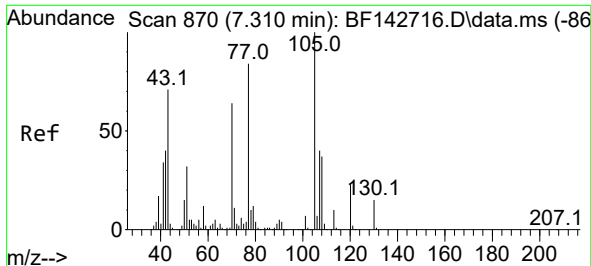


#18
Hexachloroethane
Concen: 40.603 ng
RT: 7.404 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22



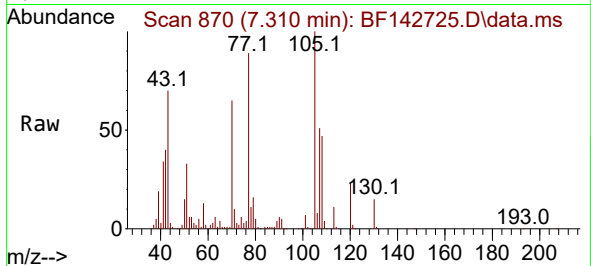
Tgt Ion:117 Resp: 90276
Ion Ratio Lower Upper
117 100
119 95.7 76.4 114.6
201 100.3 77.8 116.6





#19
n-Nitroso-di-n-propylamine
Concen: 41.627 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

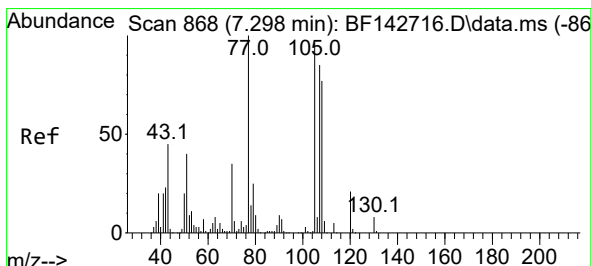
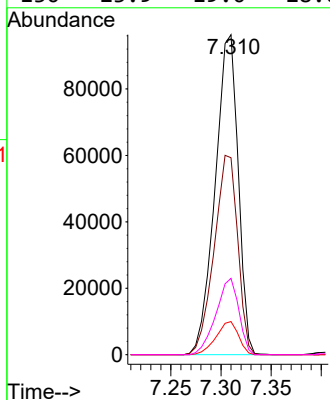
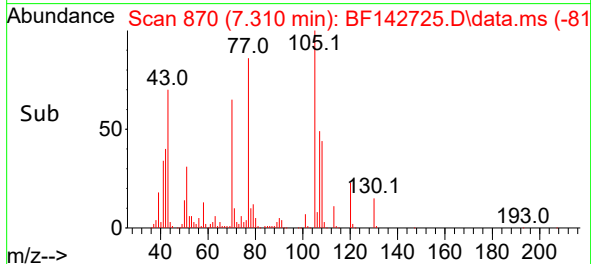
Instrument :
BNA_F
ClientSampleId :
PB168376BS



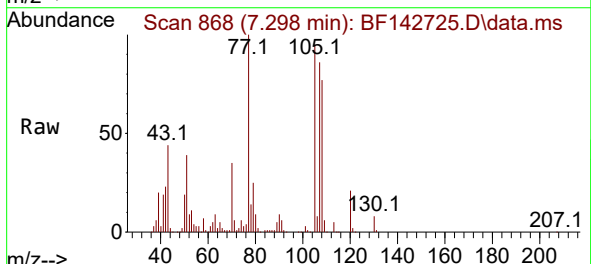
Tgt Ion: 70 Resp: 153514
Ion Ratio Lower Upper
70 100
42 61.6 50.2 75.4
101 10.4 8.3 12.5
130 23.9 19.0 28.6

Manual Integrations
APPROVED

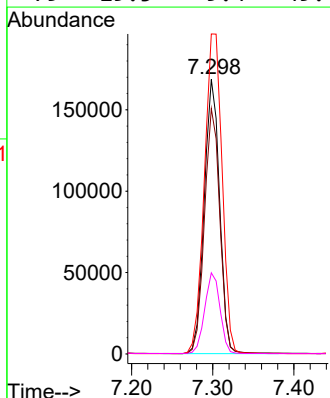
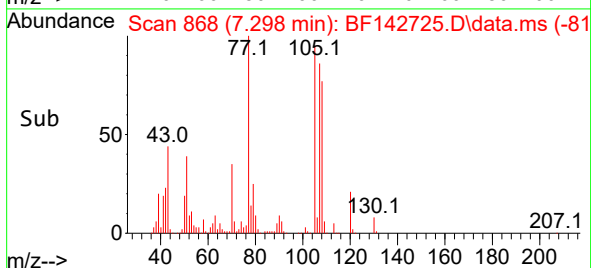
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

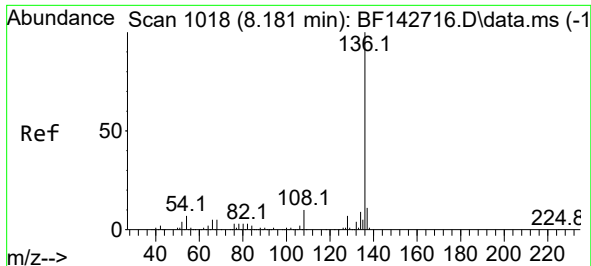


#20
3+4-Methylphenols
Concen: 42.592 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22



Tgt Ion:107 Resp: 221436
Ion Ratio Lower Upper
107 100
108 89.3 69.9 109.9
77 116.5 97.4 137.4
79 29.5 9.4 49.4





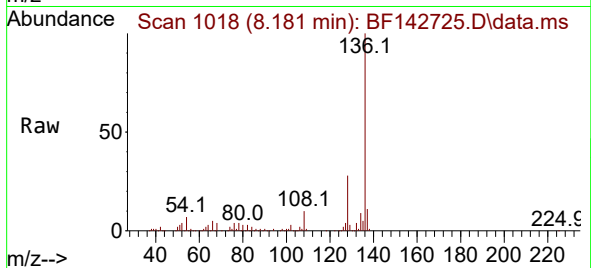
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

Instrument :

BNA_F

ClientSampleId :

PB168376BS

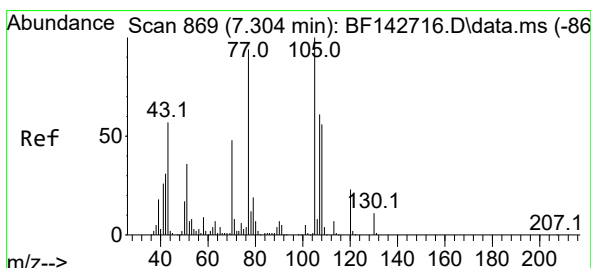
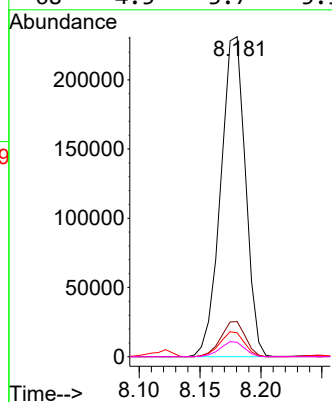
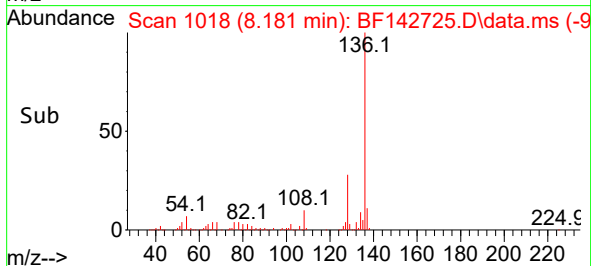


Tgt Ion:136 Resp: 326700
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.4 5.9 8.9
68 4.5 3.7 5.5

Manual Integrations

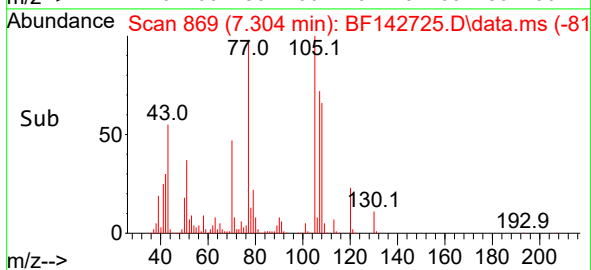
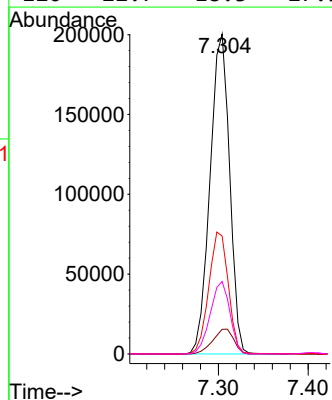
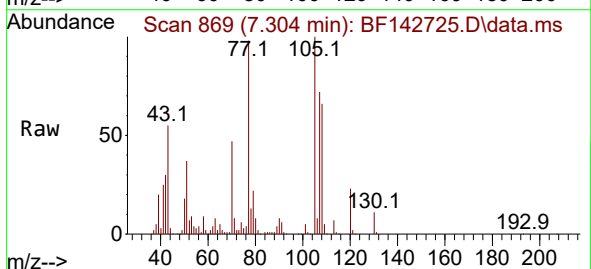
APPROVED

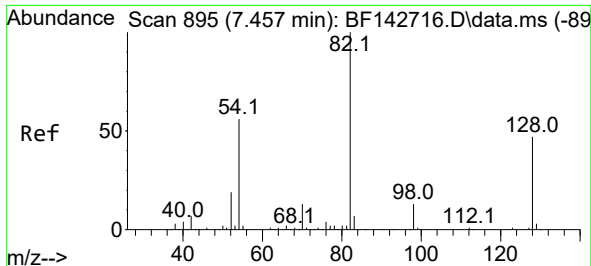
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#22
Acetophenone
Concen: 41.756 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

Tgt Ion:105 Resp: 303454
Ion Ratio Lower Upper
105 100
71 7.7 6.4 9.6
51 36.9 29.1 43.7
120 22.7 18.3 27.5





#23

Nitrobenzene-d5

Concen: 73.142 ng

RT: 7.457 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF142725.D

Acq: 11 Jun 2025 10:22

Instrument :

BNA_F

ClientSampleId :

PB168376BS

Tgt Ion: 82 Resp: 43663

Ion Ratio Lower Upper

82 100

128 47.9 37.8 56.8

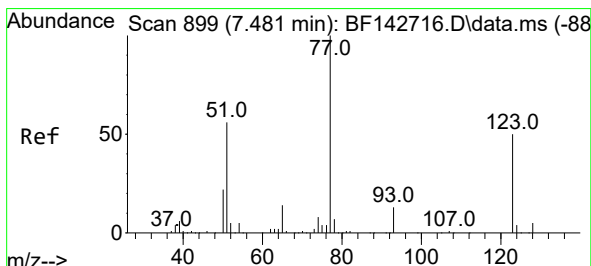
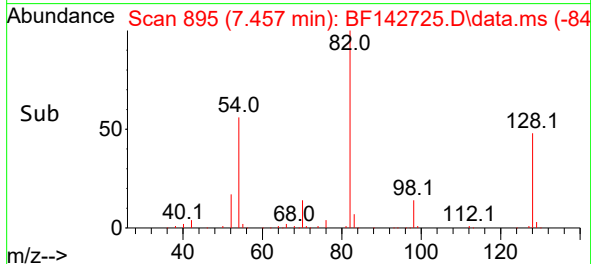
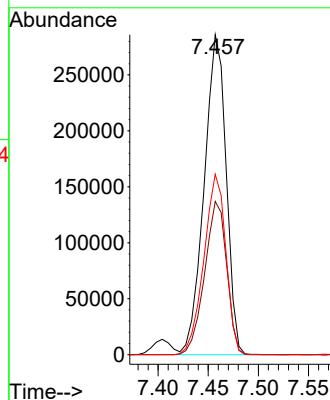
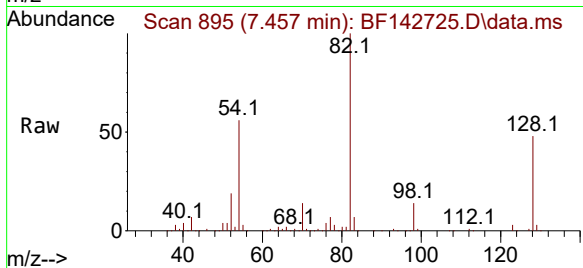
54 56.4 44.9 67.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 06/12/2025

Supervised By :Jagrut Upadhyay 06/12/2025



#24

Nitrobenzene

Concen: 42.151 ng

RT: 7.475 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF142725.D

Acq: 11 Jun 2025 10:22

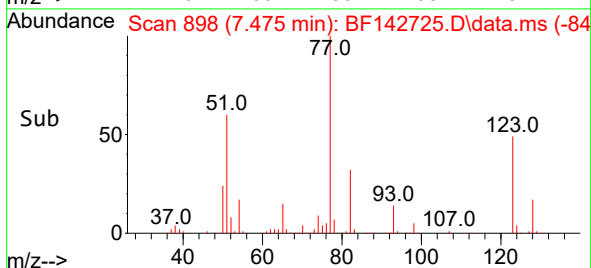
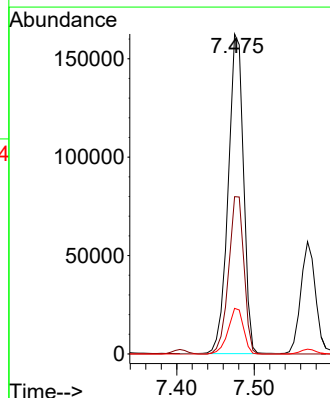
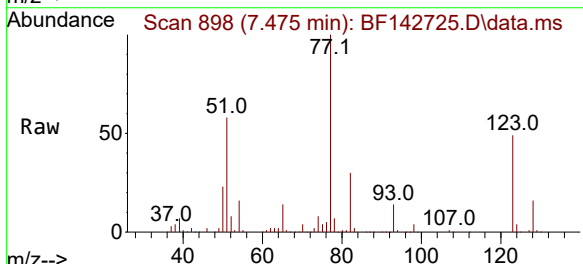
Tgt Ion: 77 Resp: 223324

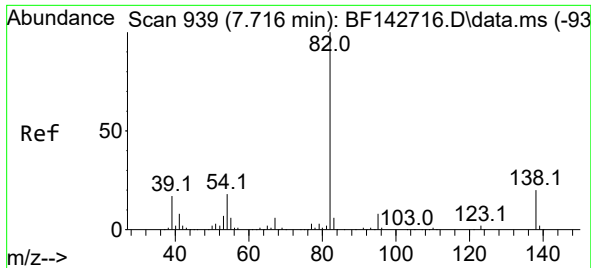
Ion Ratio Lower Upper

77 100

123 49.1 40.8 61.2

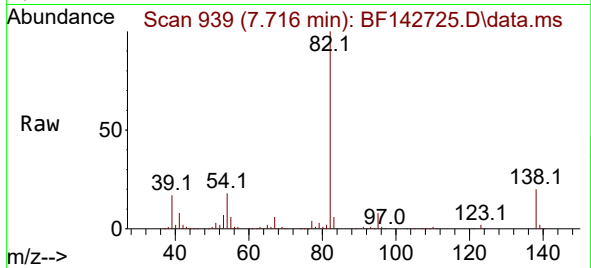
65 14.3 11.5 17.3





#25
Isophorone
Concen: 41.801 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

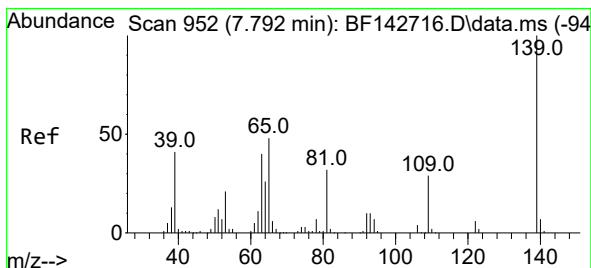
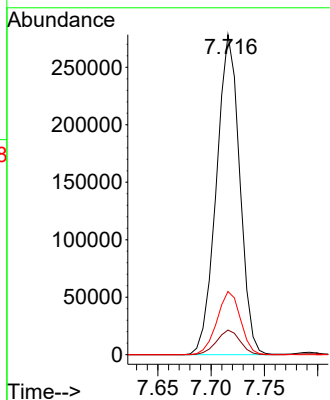
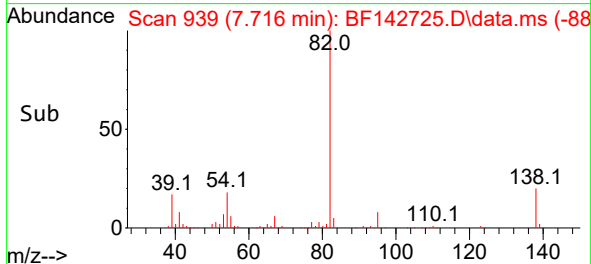
Instrument :
BNA_F
ClientSampleId :
PB168376BS



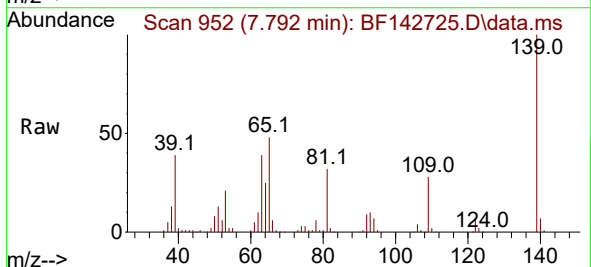
Tgt Ion: 82 Resp: 42250
Ion Ratio Lower Upper
82 100
95 7.7 6.0 9.0
138 19.8 15.8 23.6

Manual Integrations
APPROVED

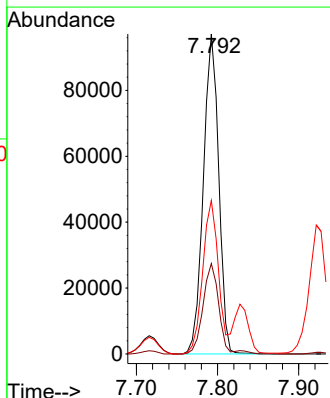
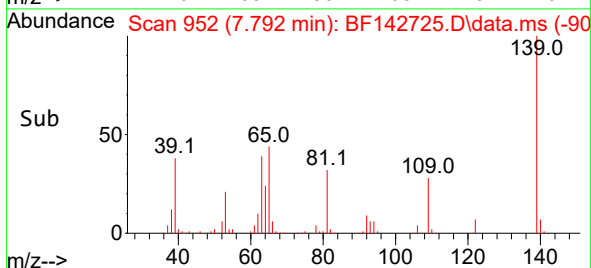
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

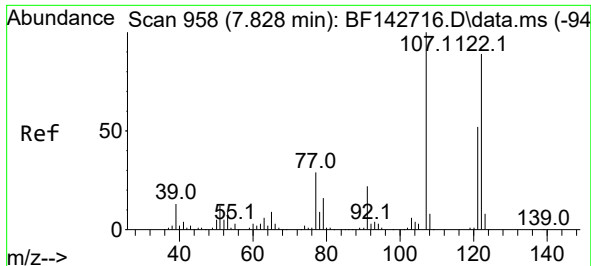


#26
2-Nitrophenol
Concen: 43.100 ng
RT: 7.792 min Scan# 952
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22



Tgt Ion:139 Resp: 127442
Ion Ratio Lower Upper
139 100
109 28.2 23.4 35.2
65 48.0 38.7 58.1





#27
2,4-Dimethylphenol
Concen: 42.915 ng
RT: 7.828 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

Instrument :

BNA_F

ClientSampleId :

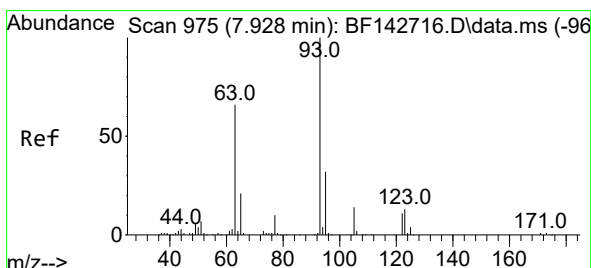
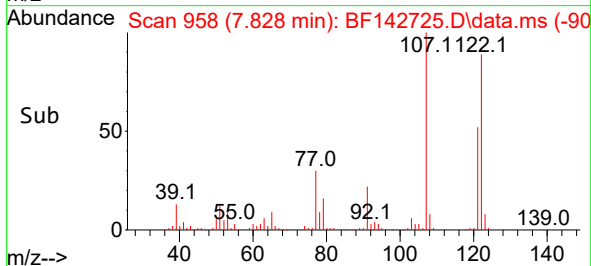
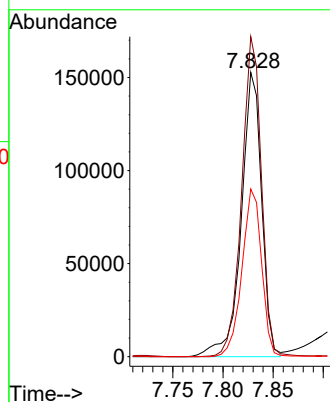
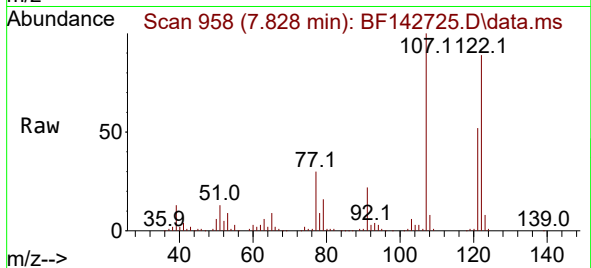
PB168376BS

Tgt Ion:122 Resp: 21604
Ion Ratio Lower Upper
122 100
107 112.6 90.4 135.6
121 59.0 46.9 70.3

Manual Integrations

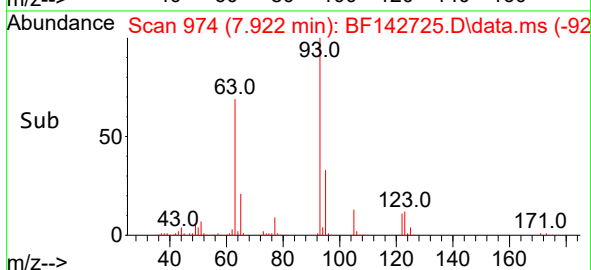
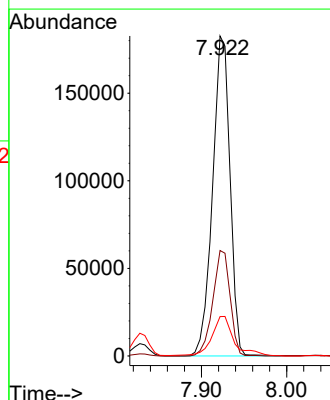
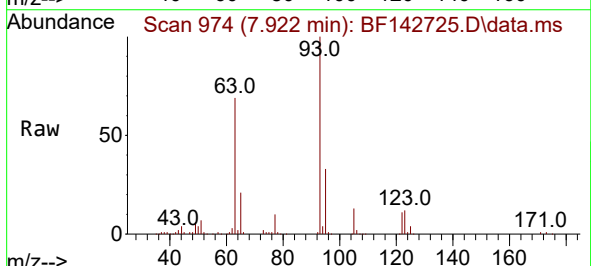
APPROVED

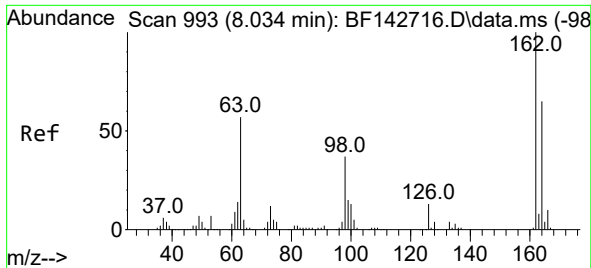
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#28
bis(2-Chloroethoxy)methane
Concen: 41.564 ng
RT: 7.922 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

Tgt Ion: 93 Resp: 260828
Ion Ratio Lower Upper
93 100
95 32.9 25.9 38.9
123 12.3 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 43.119 ng

RT: 8.033 min Scan# 993

Delta R.T. -0.000 min

Lab File: BF142725.D

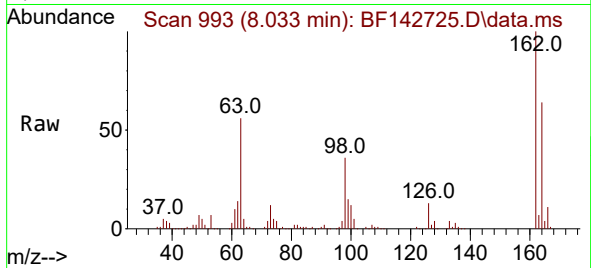
Acq: 11 Jun 2025 10:22

Instrument :

BNA_F

ClientSampleId :

PB168376BS



Tgt Ion:162 Resp: 200329

Ion Ratio Lower Upper

162 100

164 64.0 45.1 85.1

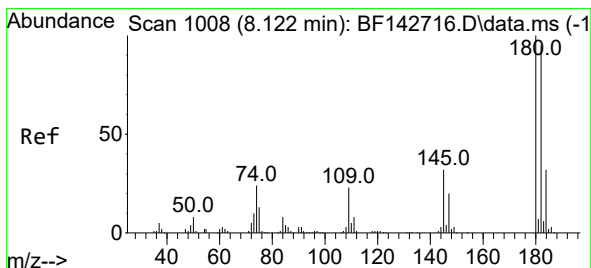
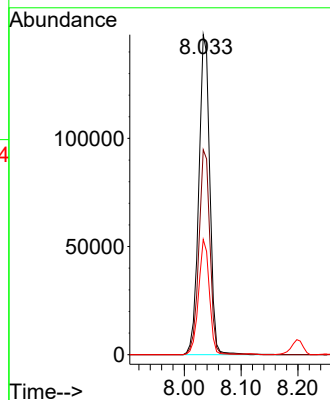
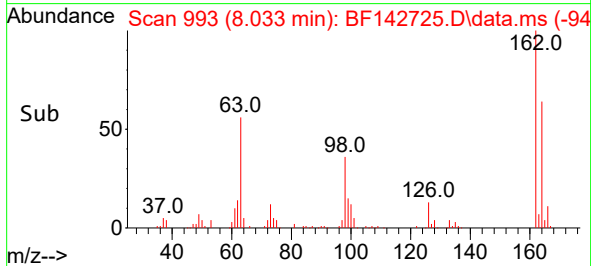
98 36.0 16.7 56.7

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 06/12/2025

Supervised By :Jagrut Upadhyay 06/12/2025



#30

1,2,4-Trichlorobenzene

Concen: 41.283 ng

RT: 8.116 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF142725.D

Acq: 11 Jun 2025 10:22

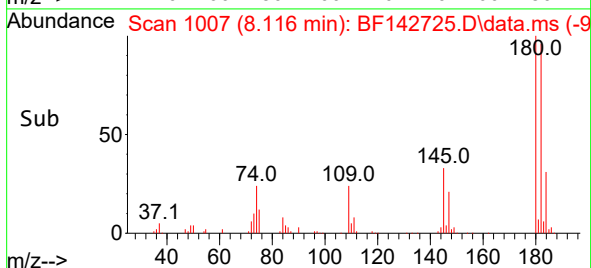
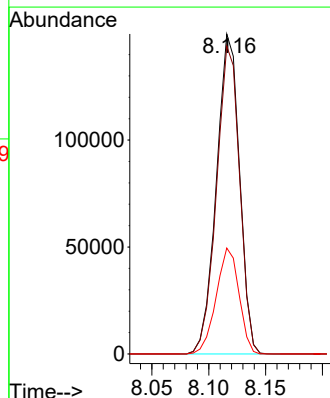
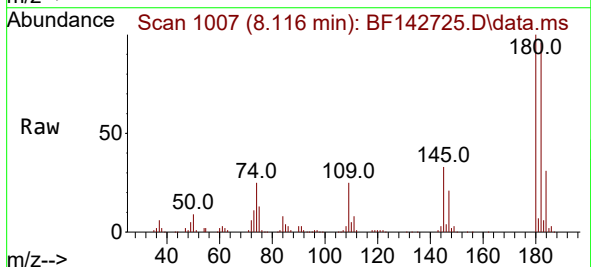
Tgt Ion:180 Resp: 211939

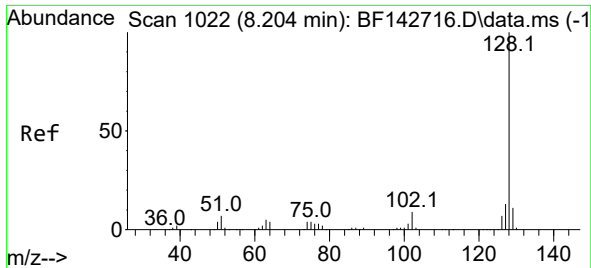
Ion Ratio Lower Upper

180 100

182 96.2 75.9 113.9

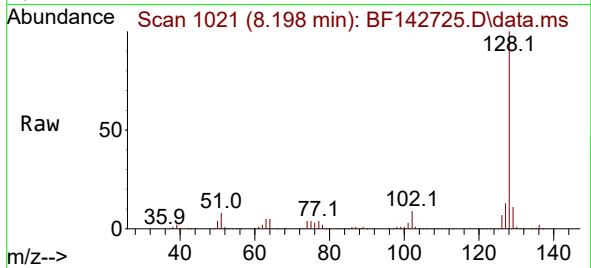
145 33.1 25.7 38.5





#31
Naphthalene
Concen: 41.495 ng
RT: 8.198 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

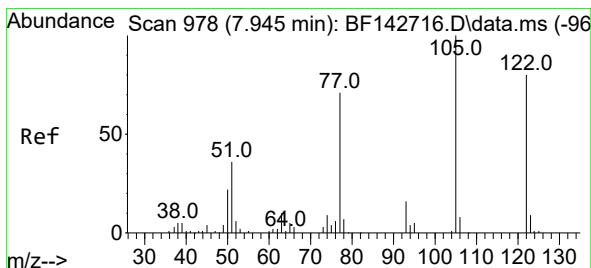
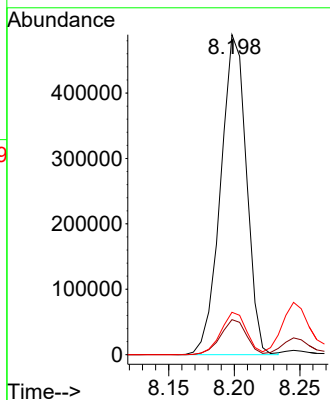
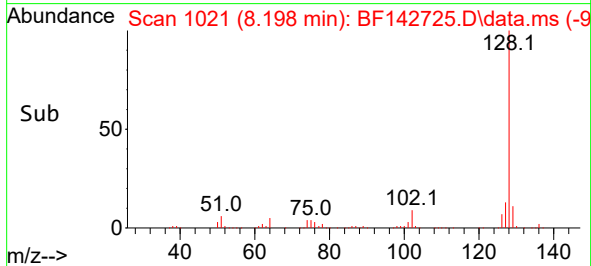
Instrument :
BNA_F
ClientSampleId :
PB168376BS



Tgt Ion:128 Resp: 67045
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.3 10.4 15.6

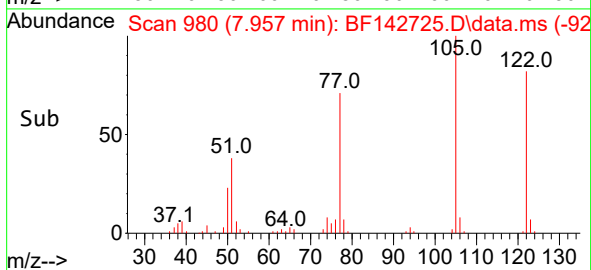
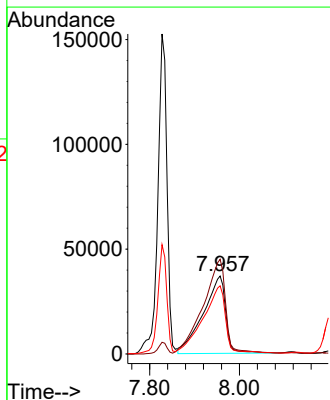
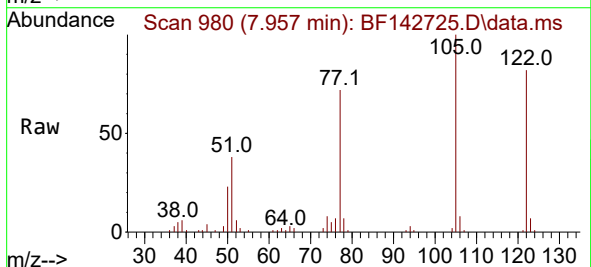
Manual Integrations
APPROVED

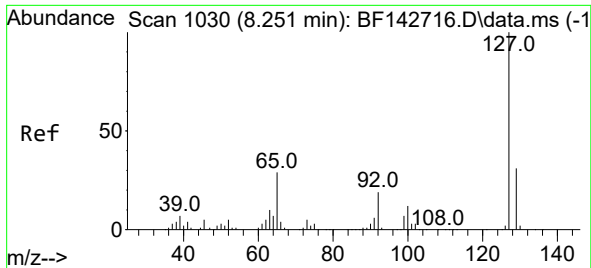
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#32
Benzoic acid
Concen: 45.468 ng
RT: 7.957 min Scan# 980
Delta R.T. 0.012 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

Tgt Ion:122 Resp: 128911
Ion Ratio Lower Upper
122 100
105 121.6 102.6 142.6
77 87.5 68.2 108.2





#33
4-Chloroaniline
Concen: 21.181 ng
RT: 8.245 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

Instrument :

BNA_F

ClientSampleId :

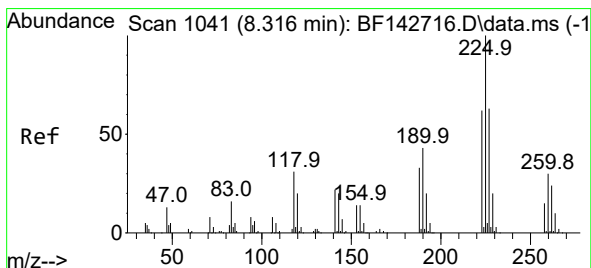
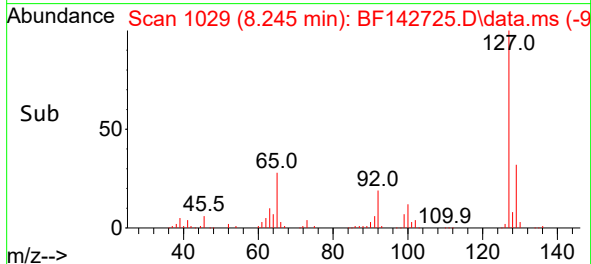
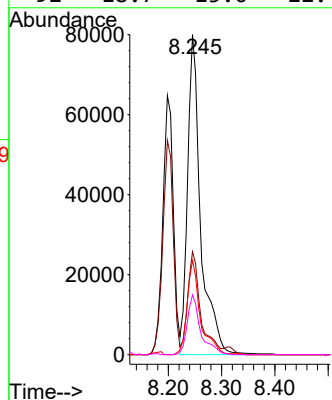
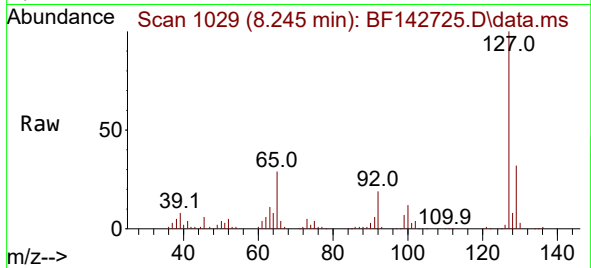
PB168376BS

Tgt Ion:127 Resp: 13741
Ion Ratio Lower Upper
127 100
129 32.2 25.6 38.4
65 29.5 23.0 34.4
92 18.7 15.0 22.4

Manual Integrations

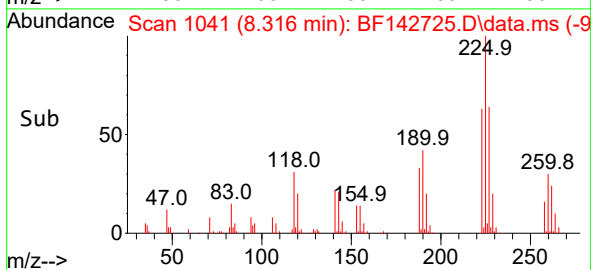
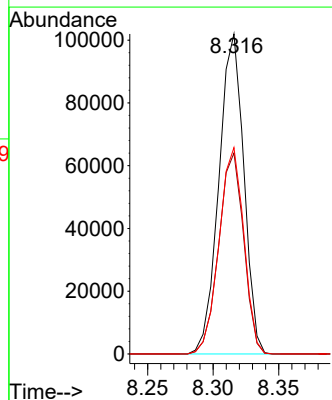
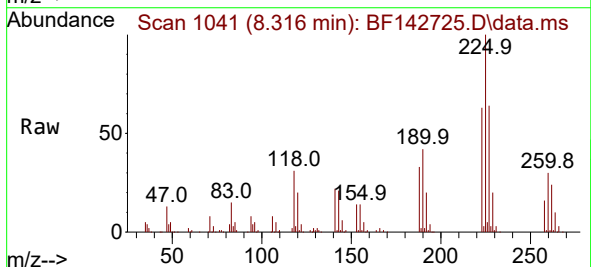
APPROVED

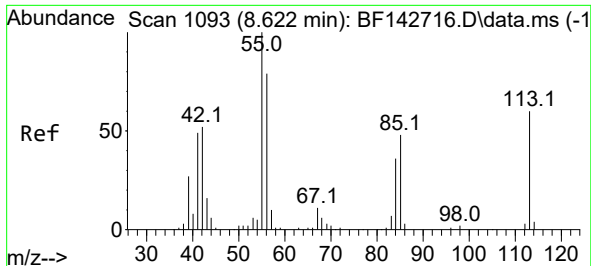
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#34
Hexachlorobutadiene
Concen: 41.167 ng
RT: 8.316 min Scan# 1041
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

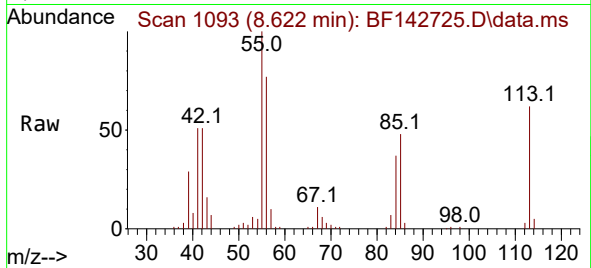
Tgt Ion:225 Resp: 134679
Ion Ratio Lower Upper
225 100
223 62.8 49.3 73.9
227 64.5 50.6 75.8





#35
Caprolactam
Concen: 47.659 ng m
RT: 8.622 min Scan# 1093
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

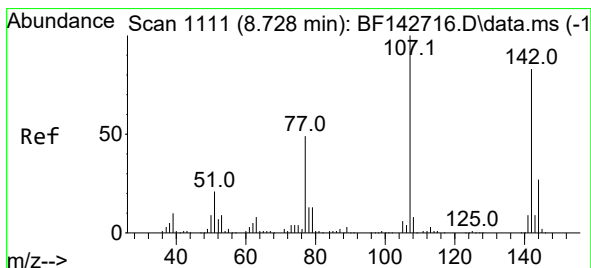
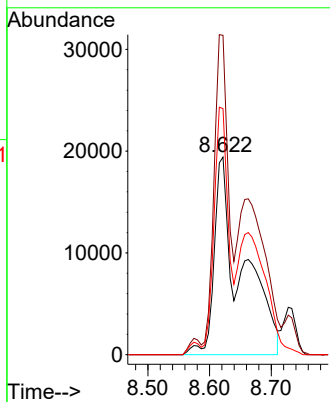
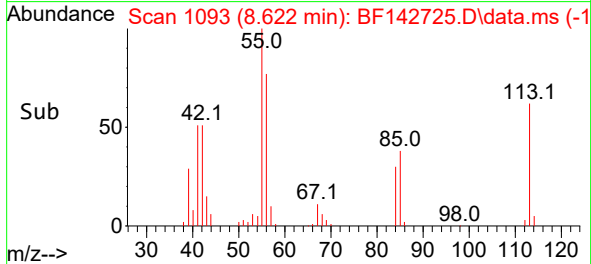
Instrument :
BNA_F
ClientSampleId :
PB168376BS



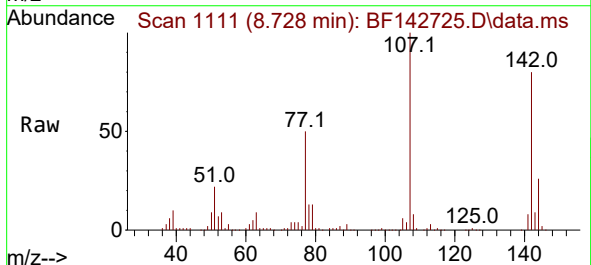
Tgt Ion:113 Resp: 59769
Ion Ratio Lower Upper
113 100
55 161.6 147.9 187.9
56 124.5 111.9 151.9

Manual Integrations
APPROVED

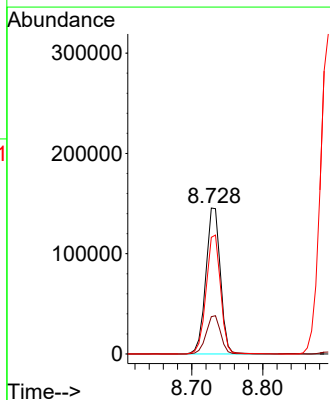
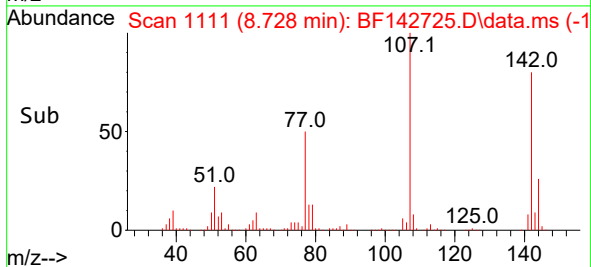
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

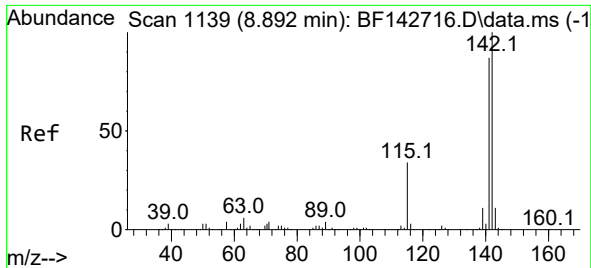


#36
4-Chloro-3-methylphenol
Concen: 43.133 ng
RT: 8.728 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22



Tgt Ion:107 Resp: 208372
Ion Ratio Lower Upper
107 100
144 25.6 21.3 31.9
142 79.9 66.2 99.2





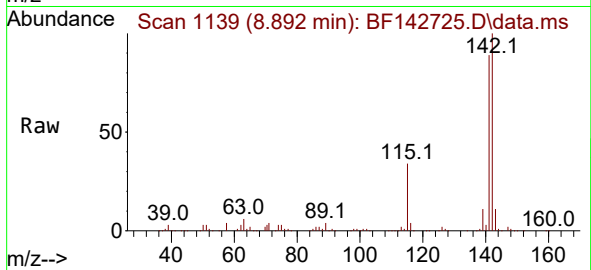
#37
2-Methylnaphthalene
Concen: 41.428 ng
RT: 8.892 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

Instrument :

BNA_F

ClientSampleId :

PB168376BS

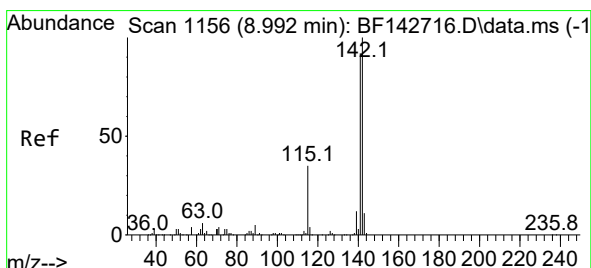
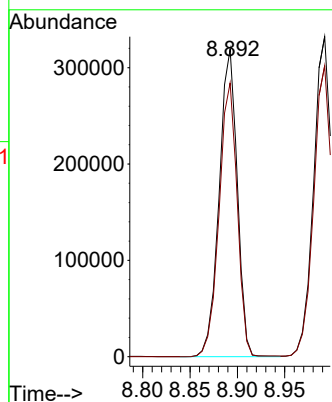
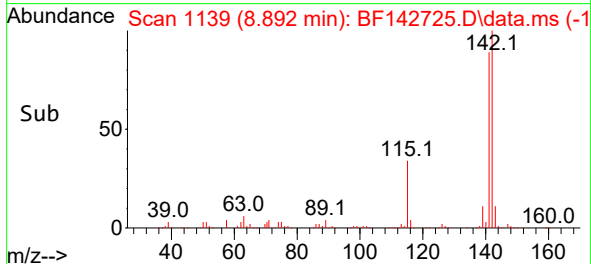


Tgt Ion:142 Resp: 42367
Ion Ratio Lower Upper
142 100
141 89.1 69.9 104.9

Manual Integrations

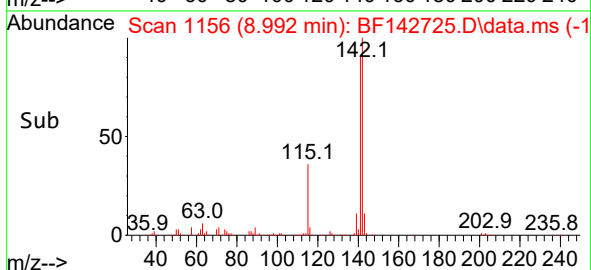
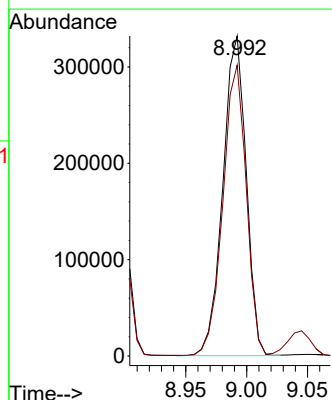
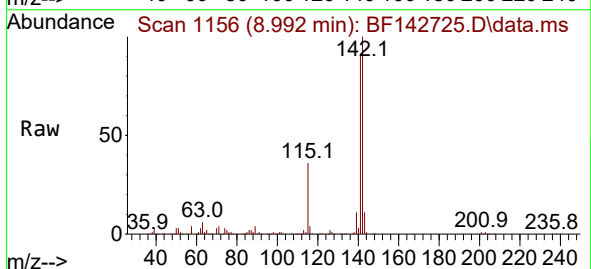
APPROVED

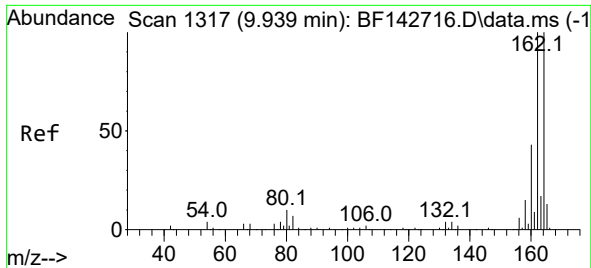
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#38
1-Methylnaphthalene
Concen: 41.760 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

Tgt Ion:142 Resp: 442423
Ion Ratio Lower Upper
142 100
141 90.9 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BF142725.D

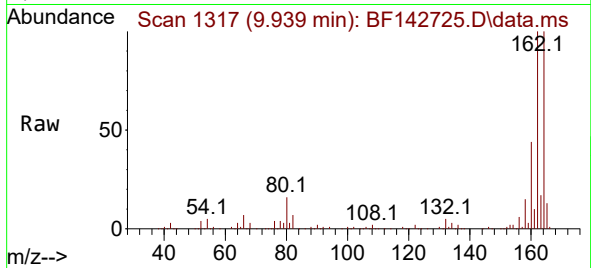
Acq: 11 Jun 2025 10:22

Instrument :

BNA_F

ClientSampleId :

PB168376BS



Tgt Ion:164 Resp: 18041

Ion Ratio Lower Upper

164 100

162 100.0 79.9 119.9

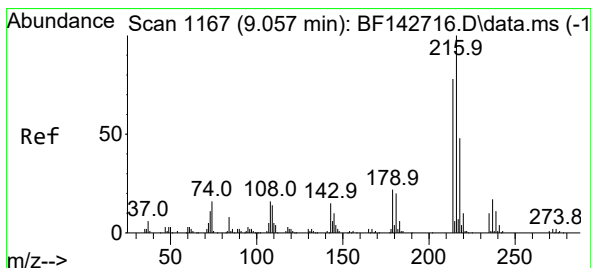
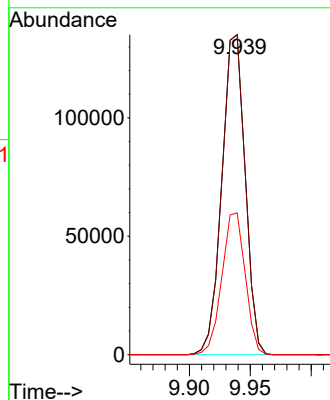
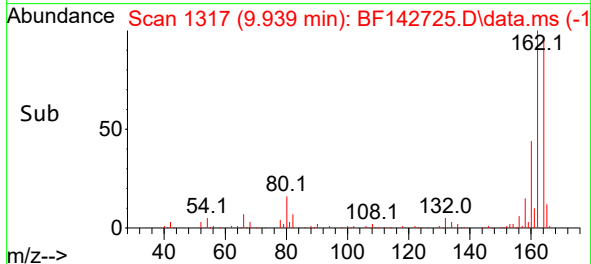
160 44.3 34.8 52.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 06/12/2025

Supervised By :Jagrut Upadhyay 06/12/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.755 ng

RT: 9.057 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BF142725.D

Acq: 11 Jun 2025 10:22

Tgt Ion:216 Resp: 218030

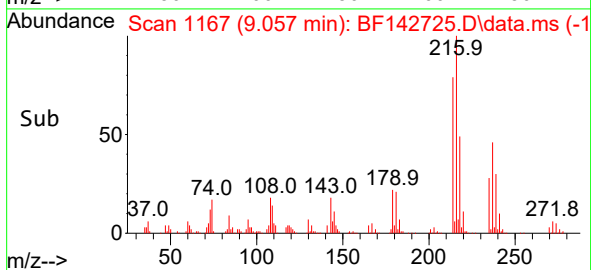
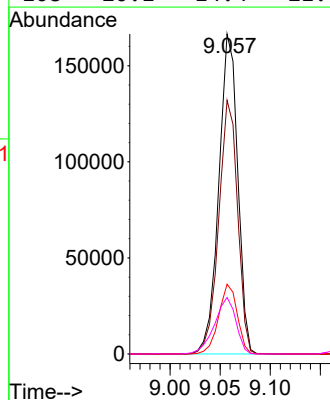
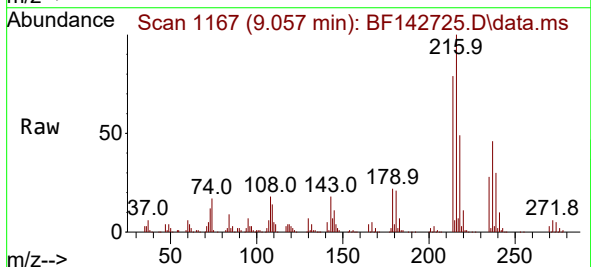
Ion Ratio Lower Upper

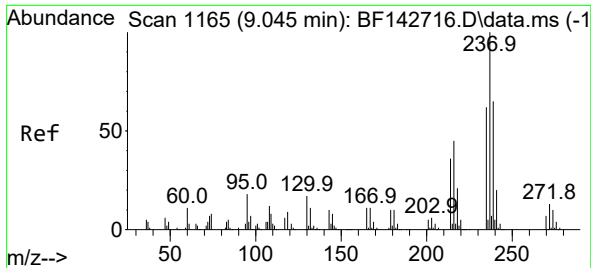
216 100

214 78.9 62.6 94.0

179 21.5 17.1 25.7

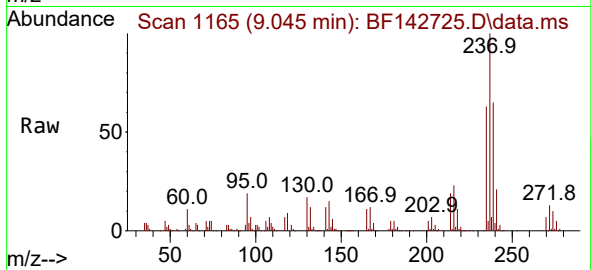
108 20.1 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 87.666 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

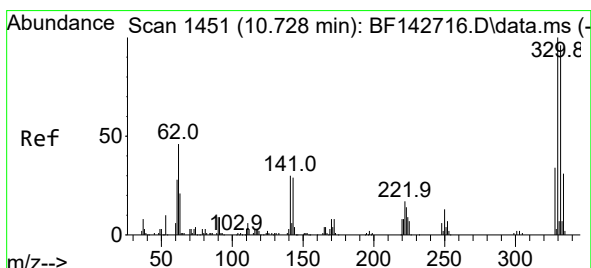
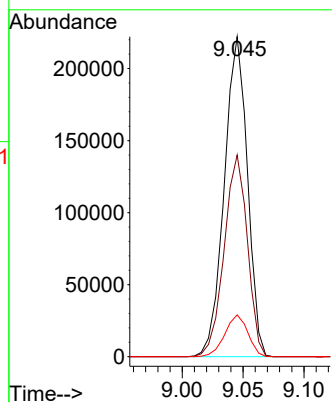
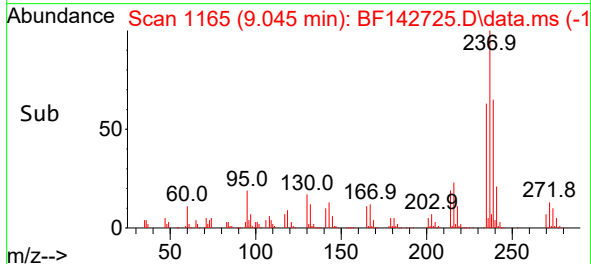
Instrument :
BNA_F
ClientSampleId :
PB168376BS



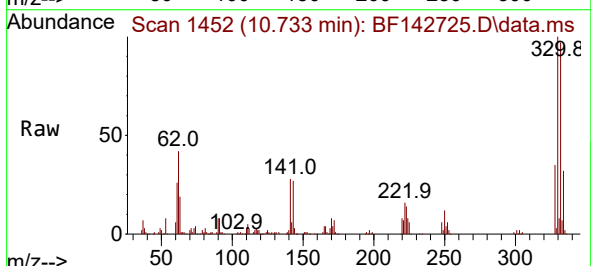
Tgt Ion:237 Resp: 29380
Ion Ratio Lower Upper
237 100
235 63.0 41.9 81.9
272 13.0 0.0 32.5

Manual Integrations
APPROVED

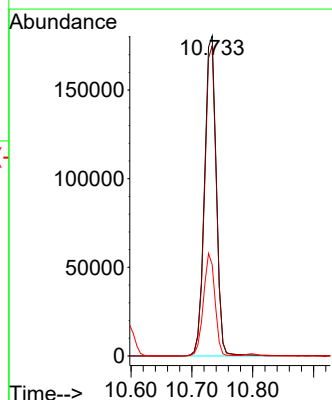
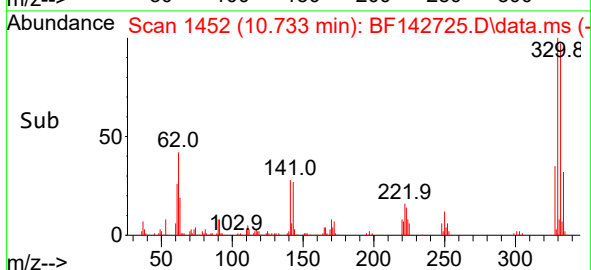
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

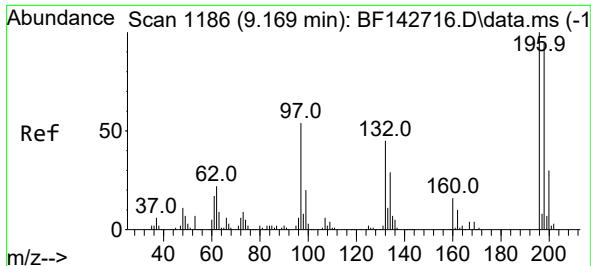


#42
2,4,6-Tribromophenol
Concen: 122.974 ng
RT: 10.733 min Scan# 1452
Delta R.T. 0.005 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22



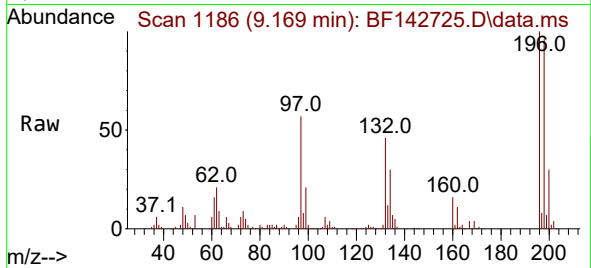
Tgt Ion:330 Resp: 243155
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.6
141 31.3 25.4 38.0





#43
2,4,6-Trichlorophenol
Concen: 44.257 ng
RT: 9.169 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

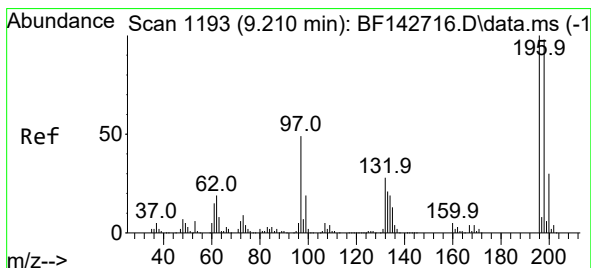
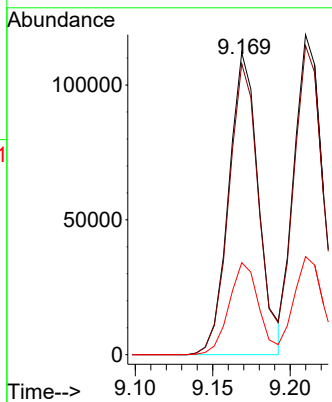
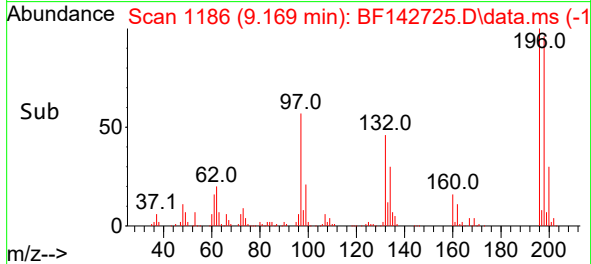
Instrument :
BNA_F
ClientSampleId :
PB168376BS



Tgt Ion:196 Resp: 149594
Ion Ratio Lower Upper
196 100
198 96.3 75.5 113.3
200 30.4 23.8 35.8

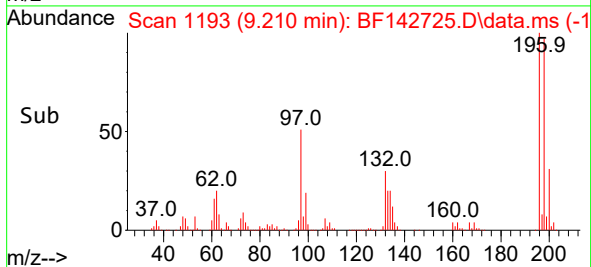
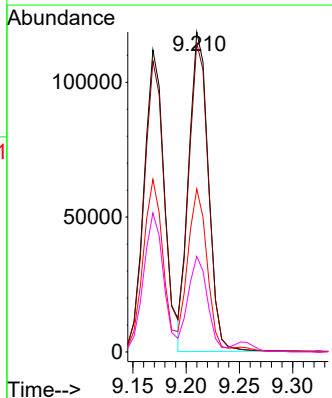
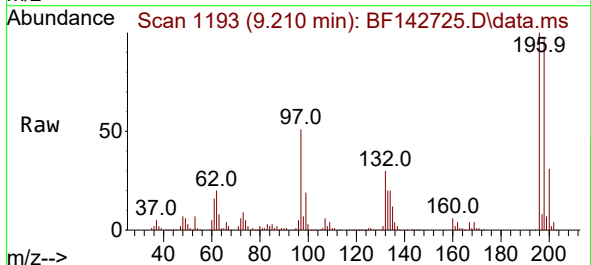
Manual Integrations
APPROVED

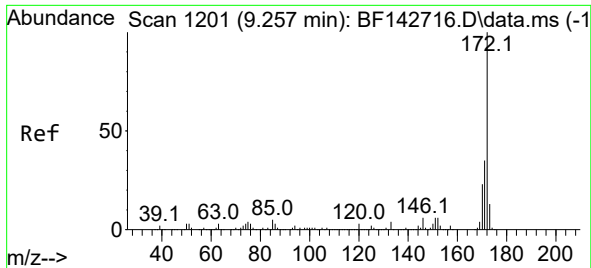
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#44
2,4,5-Trichlorophenol
Concen: 41.672 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

Tgt Ion:196 Resp: 152133
Ion Ratio Lower Upper
196 100
198 96.6 78.2 117.2
97 50.9 38.6 57.8
132 29.8 23.4 35.0





#45
2-Fluorobiphenyl
Concen: 73.113 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

Instrument :

BNA_F

ClientSampleId :

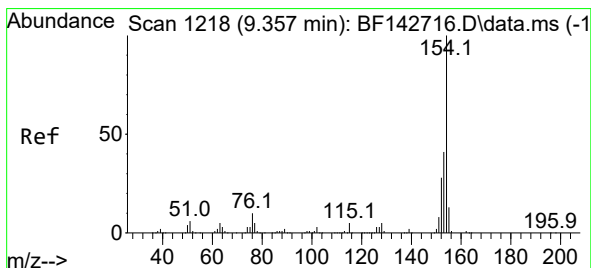
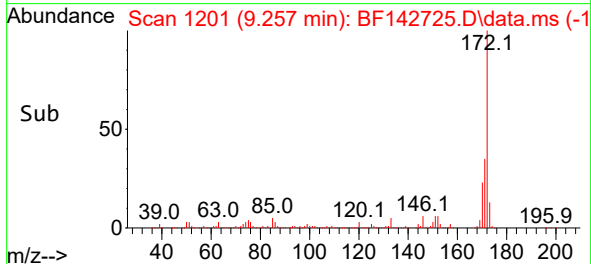
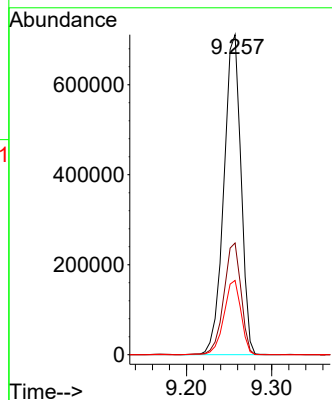
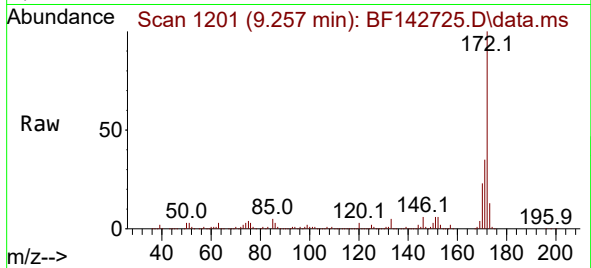
PB168376BS

Tgt Ion:172 Resp: 99283
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.2 18.6 27.8

Manual Integrations

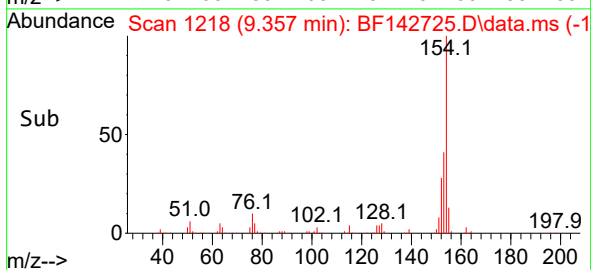
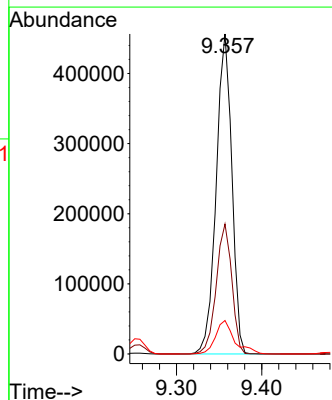
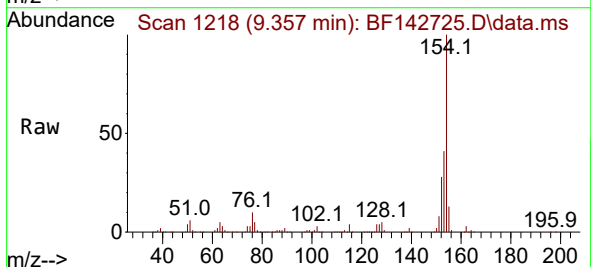
APPROVED

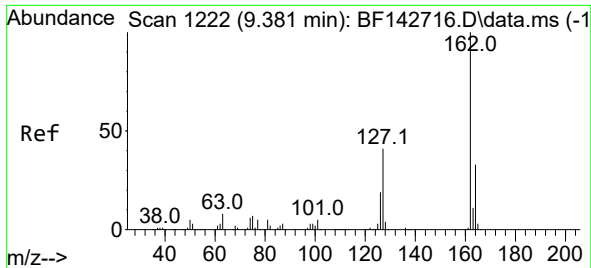
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#46
1,1'-Biphenyl
Concen: 41.510 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

Tgt Ion:154 Resp: 581527
Ion Ratio Lower Upper
154 100
153 40.6 20.6 60.6
76 10.5 0.0 30.2





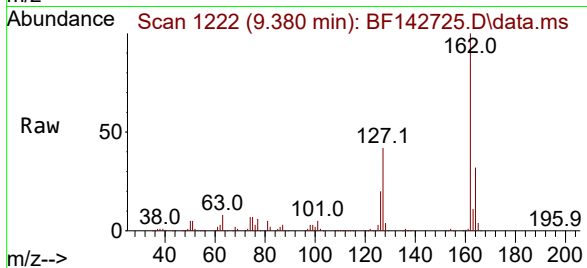
#47
2-Chloronaphthalene
Concen: 42.053 ng
RT: 9.380 min Scan# 1222
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

Instrument :

BNA_F

ClientSampleId :

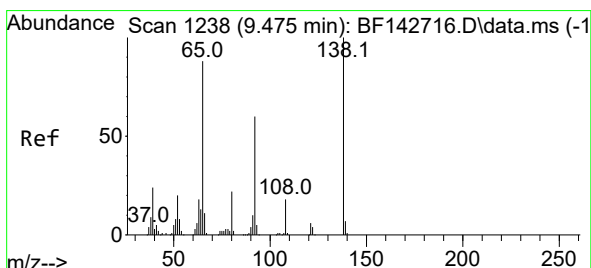
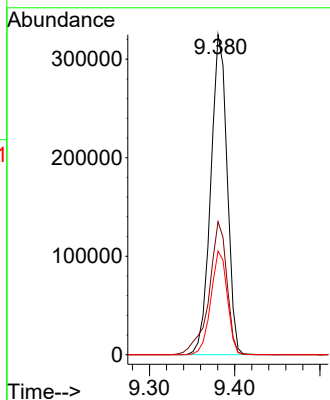
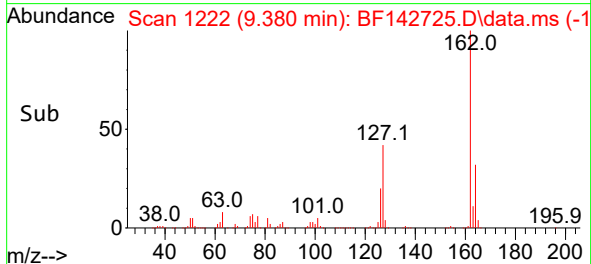
PB168376BS



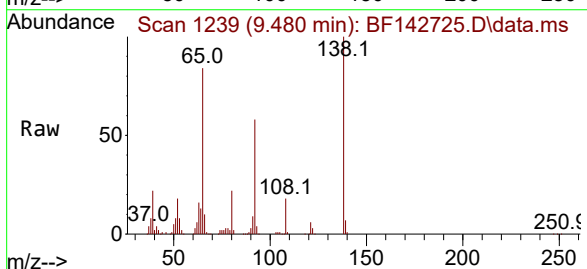
Tgt Ion:162 Resp: 43402
Ion Ratio Lower Upper
162 100
127 41.5 33.5 50.3
164 32.4 26.1 39.1

Manual Integrations
APPROVED

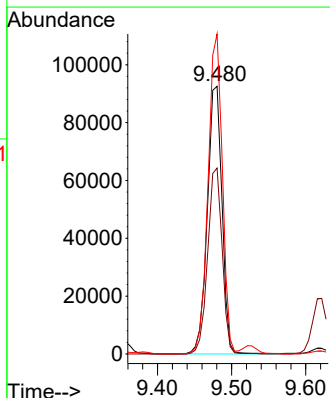
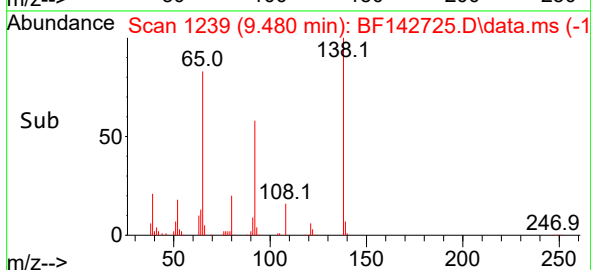
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

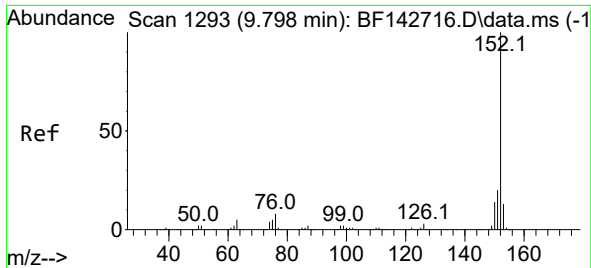


#48
2-Nitroaniline
Concen: 43.387 ng
RT: 9.480 min Scan# 1239
Delta R.T. 0.006 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22



Tgt Ion: 65 Resp: 127361
Ion Ratio Lower Upper
65 100
92 69.4 54.5 81.7
138 119.6 90.6 136.0





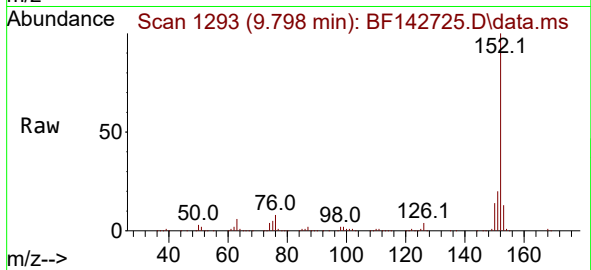
#49
Acenaphthylene
Concen: 42.197 ng
RT: 9.798 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

Instrument :

BNA_F

ClientSampleId :

PB168376BS

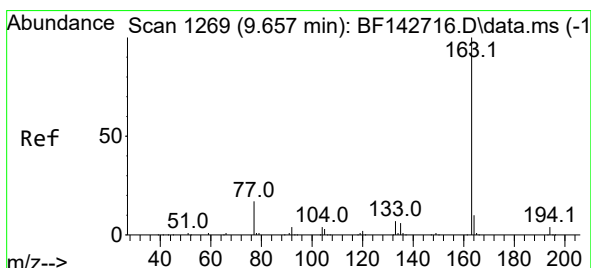
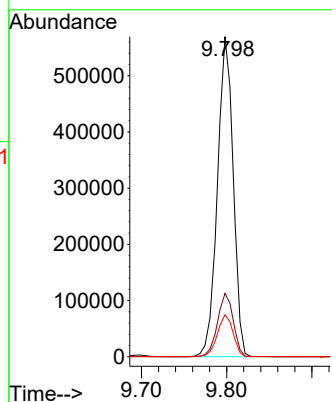
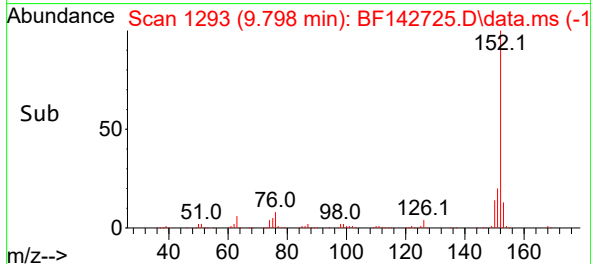


Tgt Ion:152 Resp: 73434
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 13.1 10.5 15.7

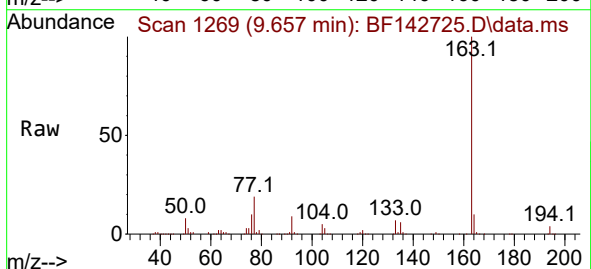
Manual Integrations

APPROVED

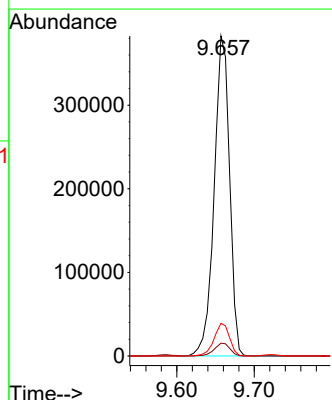
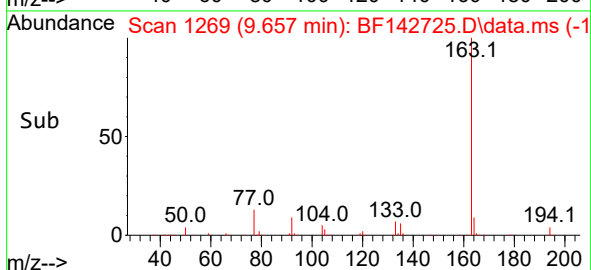
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

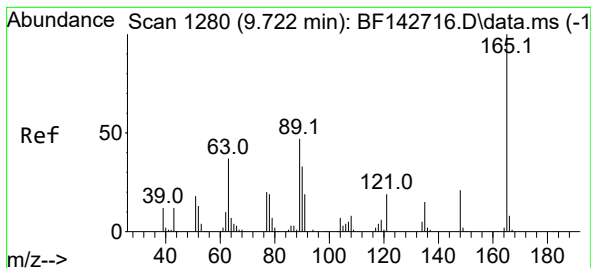


#50
Dimethylphthalate
Concen: 43.819 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22



Tgt Ion:163 Resp: 527911
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.2 8.0 12.0





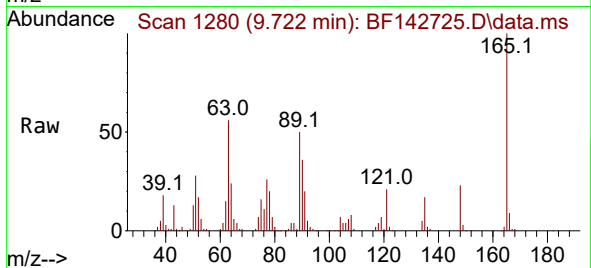
#51
2,6-Dinitrotoluene
Concen: 43.068 ng
RT: 9.722 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

Instrument :

BNA_F

ClientSampleId :

PB168376BS

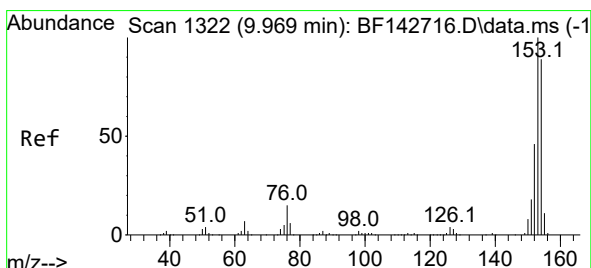
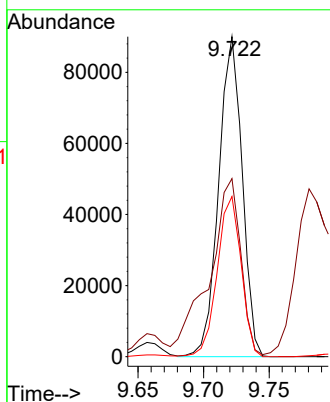
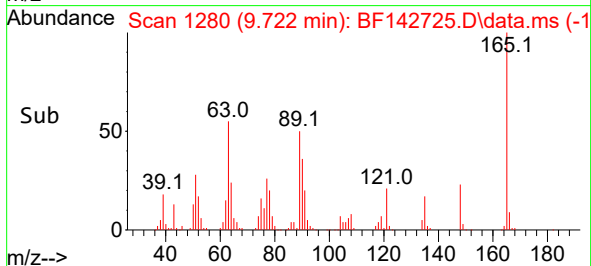


Tgt Ion:165 Resp: 112140
Ion Ratio Lower Upper
165 100
63 55.6 40.6 60.8
89 50.1 37.6 56.4

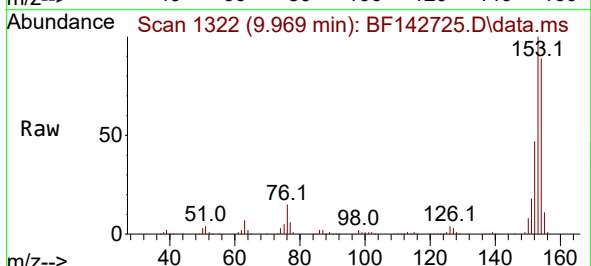
Manual Integrations

APPROVED

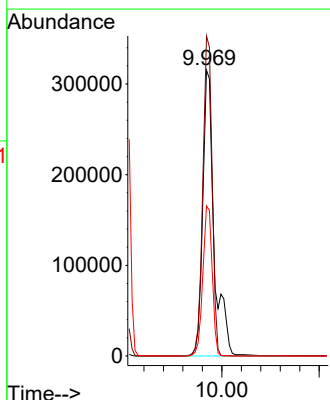
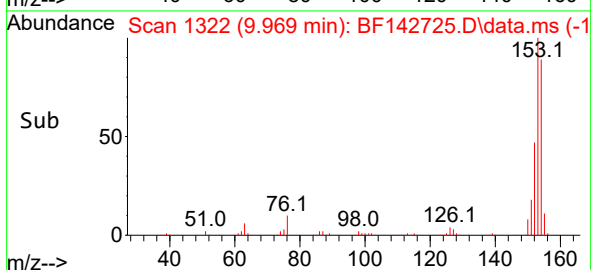
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

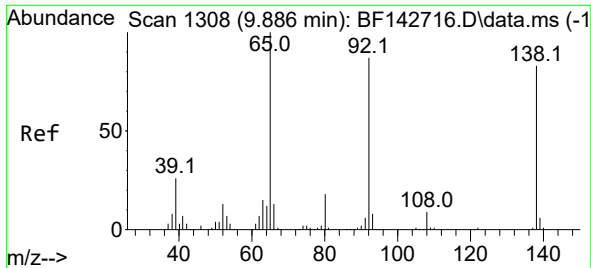


#52
Acenaphthene
Concen: 47.517 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22



Tgt Ion:154 Resp: 512699
Ion Ratio Lower Upper
154 100
153 112.0 90.1 135.1
152 52.5 41.9 62.9





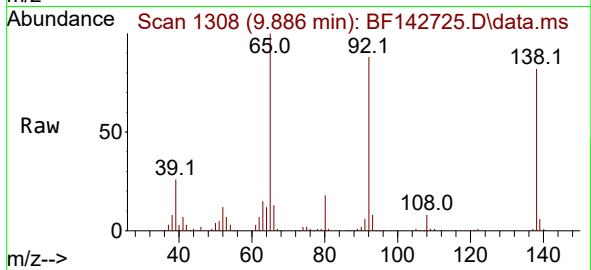
#53
3-Nitroaniline
Concen: 28.273 ng
RT: 9.886 min Scan# 1308
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

Instrument :

BNA_F

ClientSampleId :

PB168376BS

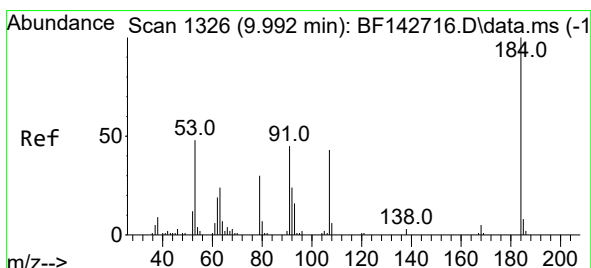
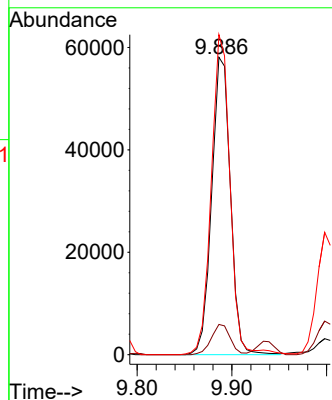
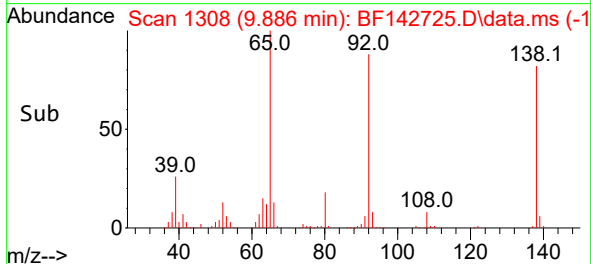


Tgt Ion:138 Resp: 79849
Ion Ratio Lower Upper
138 100
108 10.2 8.3 12.5
92 107.6 84.6 127.0

Manual Integrations

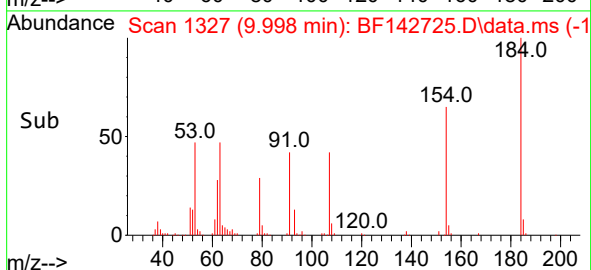
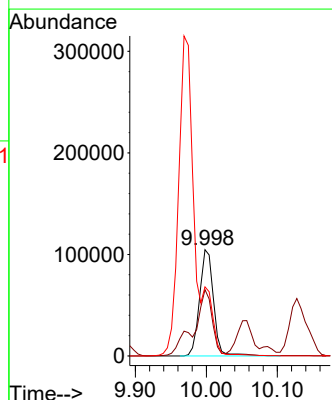
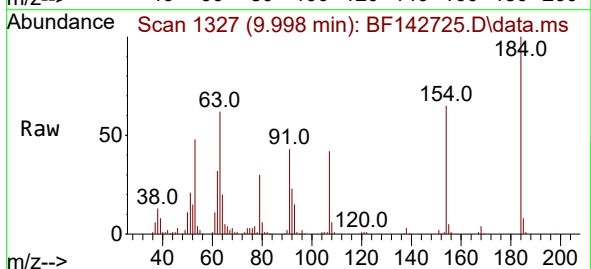
APPROVED

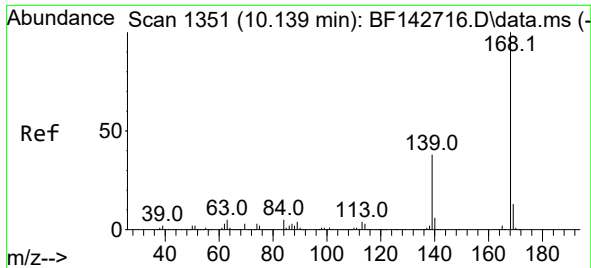
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#54
2,4-Dinitrophenol
Concen: 101.173 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

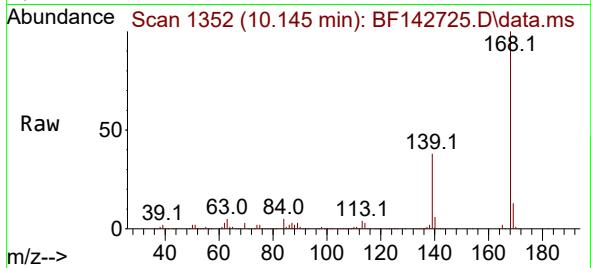
Tgt Ion:184 Resp: 144304
Ion Ratio Lower Upper
184 100
63 62.3 51.7 77.5
154 65.1 60.1 90.1





#55
Dibenzofuran
Concen: 41.803 ng
RT: 10.145 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

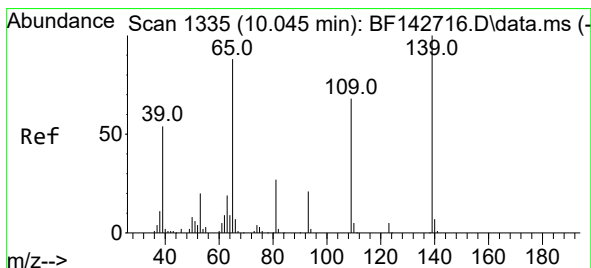
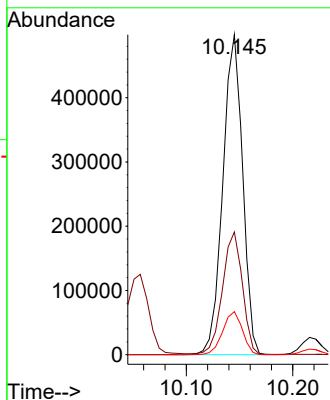
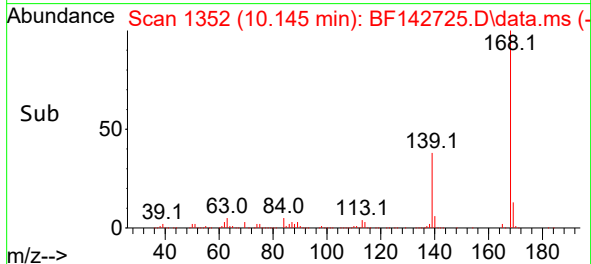
Instrument :
BNA_F
ClientSampleId :
PB168376BS



Tgt Ion:168 Resp: 642292
Ion Ratio Lower Upper
168 100
139 38.3 30.9 46.3
169 13.4 10.8 16.2

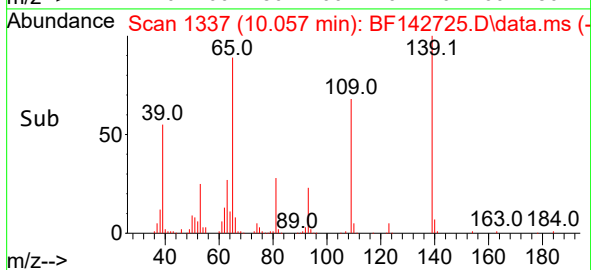
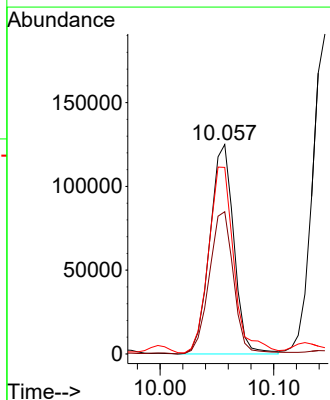
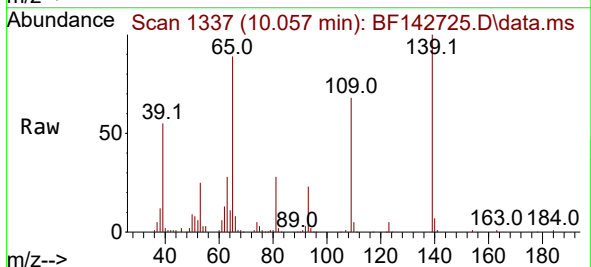
Manual Integrations
APPROVED

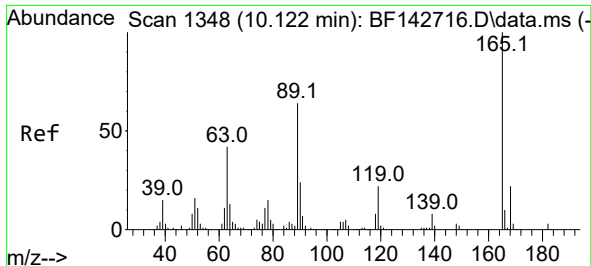
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#56
4-Nitrophenol
Concen: 95.881 ng
RT: 10.057 min Scan# 1337
Delta R.T. 0.012 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

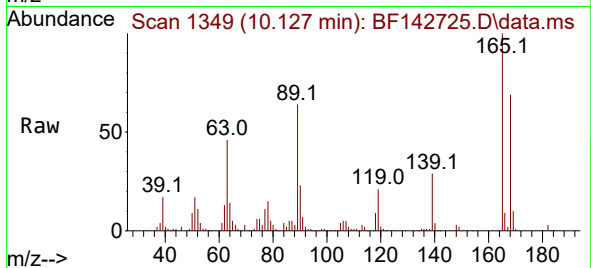
Tgt Ion:139 Resp: 183656
Ion Ratio Lower Upper
139 100
109 67.9 47.5 87.5
65 89.1 69.2 109.2





#57
2,4-Dinitrotoluene
Concen: 45.850 ng
RT: 10.127 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

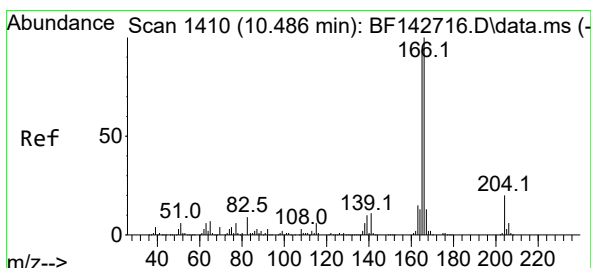
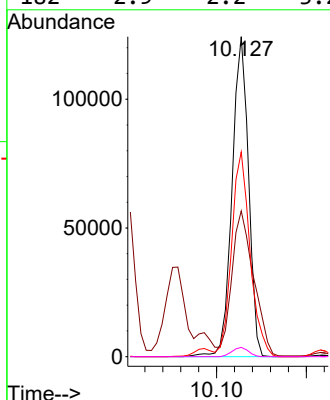
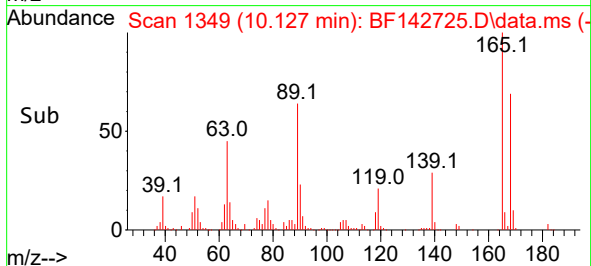
Instrument :
BNA_F
ClientSampleId :
PB168376BS



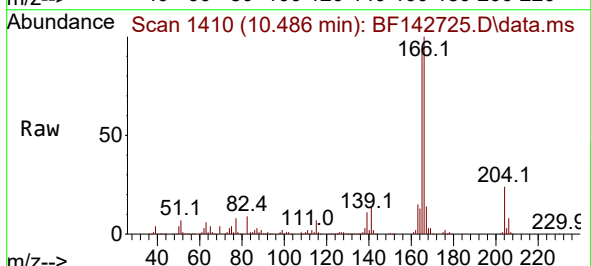
Tgt Ion:165 Resp: 157849
Ion Ratio Lower Upper
165 100
63 45.5 34.1 51.1
89 64.0 50.8 76.2
182 2.9 2.2 3.2

Manual Integrations
APPROVED

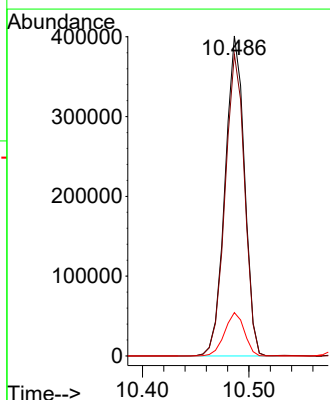
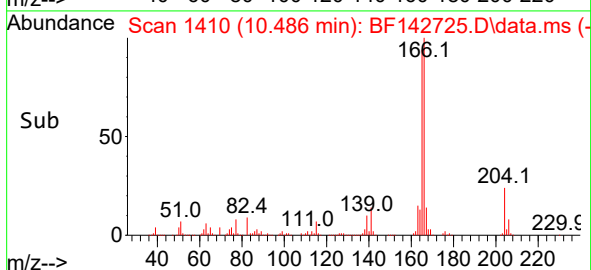
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

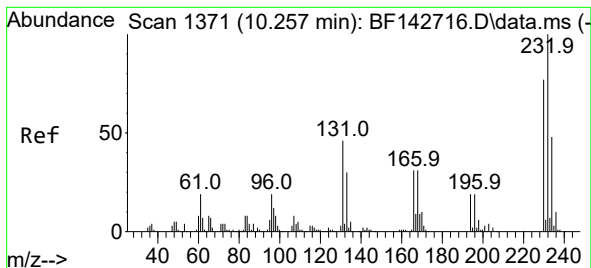


#58
Fluorene
Concen: 41.944 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22



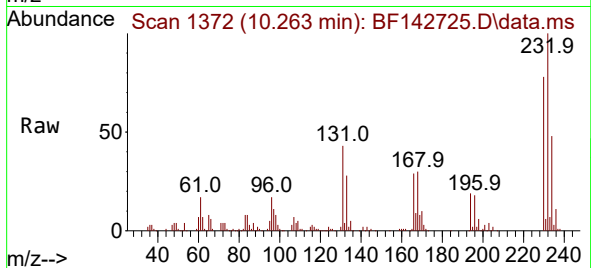
Tgt Ion:166 Resp: 508917
Ion Ratio Lower Upper
166 100
165 94.3 74.9 112.3
167 13.6 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.115 ng
RT: 10.263 min Scan# 1372
Delta R.T. 0.006 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

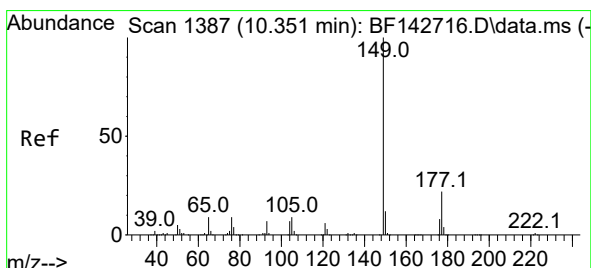
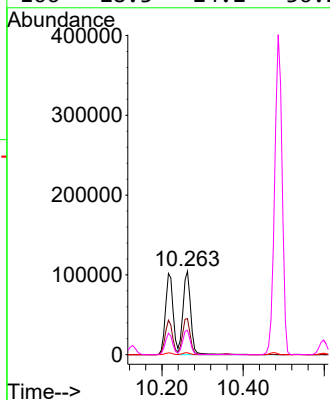
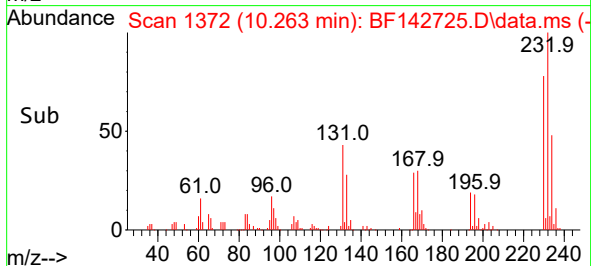
Instrument :
BNA_F
ClientSampleId :
PB168376BS



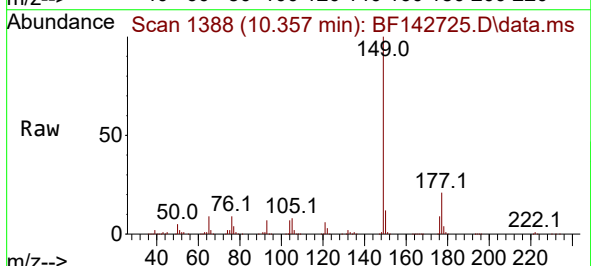
Tgt Ion:232 Resp: 138564
Ion Ratio Lower Upper
232 100
131 43.4 35.8 53.8
130 2.2 1.8 2.6
166 28.3 24.2 36.2

Manual Integrations
APPROVED

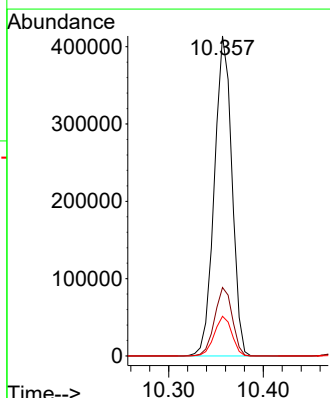
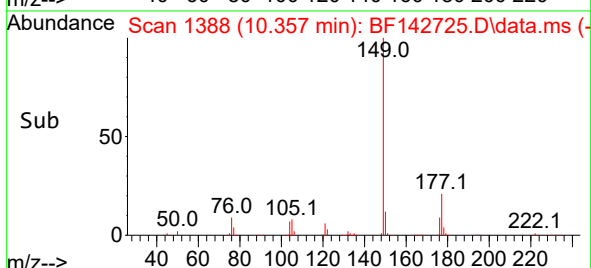
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

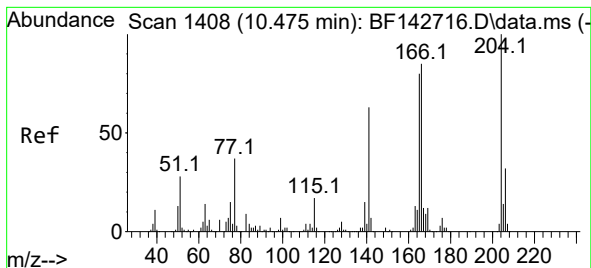


#60
Diethylphthalate
Concen: 44.607 ng
RT: 10.357 min Scan# 1388
Delta R.T. 0.006 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22



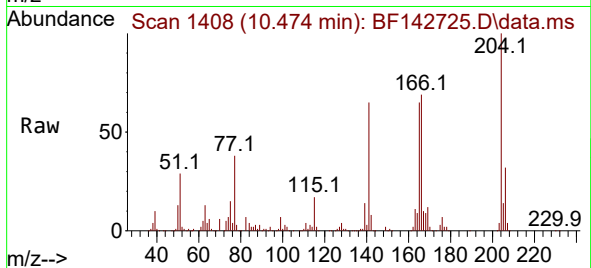
Tgt Ion:149 Resp: 532883
Ion Ratio Lower Upper
149 100
177 21.4 17.4 26.0
150 12.4 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 41.875 ng
RT: 10.474 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

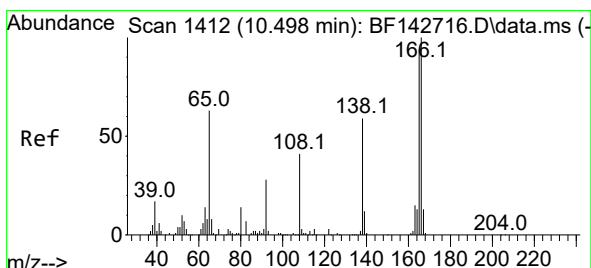
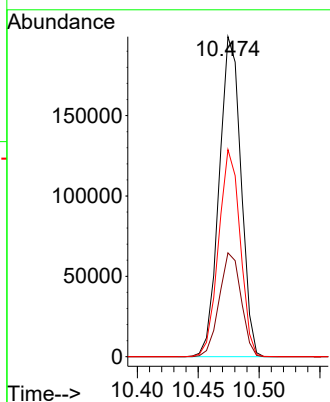
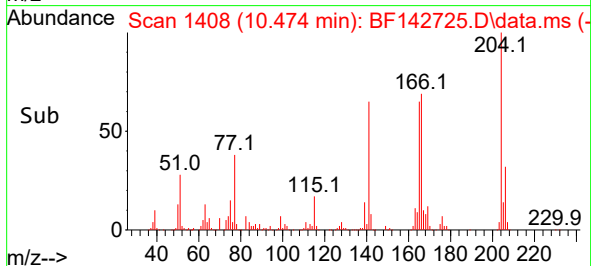
Instrument :
BNA_F
ClientSampleId :
PB168376BS



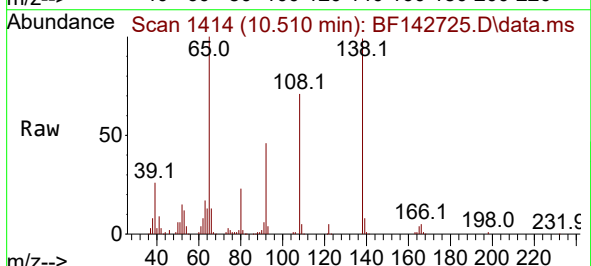
Tgt Ion:204 Resp: 248130
Ion Ratio Lower Upper
204 100
206 32.4 25.9 38.9
141 64.7 50.2 75.4

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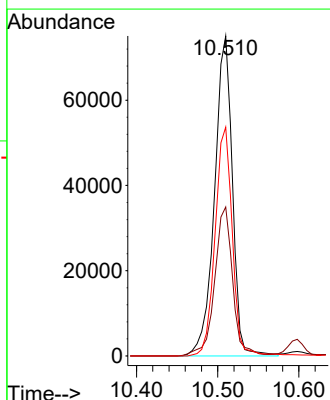
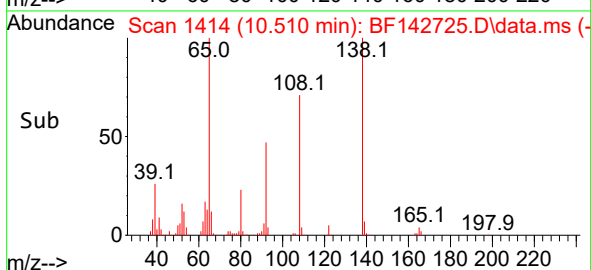
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

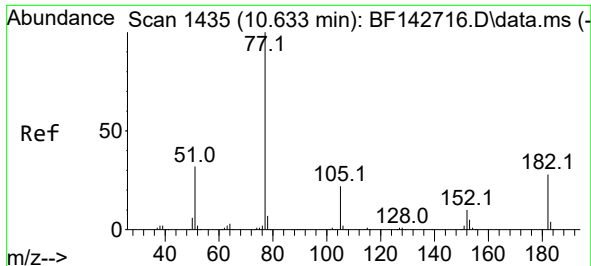


#62
4-Nitroaniline
Concen: 45.594 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.012 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22



Tgt Ion:138 Resp: 115198
Ion Ratio Lower Upper
138 100
92 46.6 27.2 67.2
108 71.5 49.9 89.9





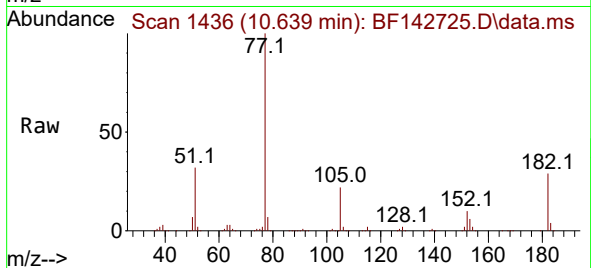
#63
Azobenzene
Concen: 43.540 ng
RT: 10.639 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

Instrument :

BNA_F

ClientSampleId :

PB168376BS

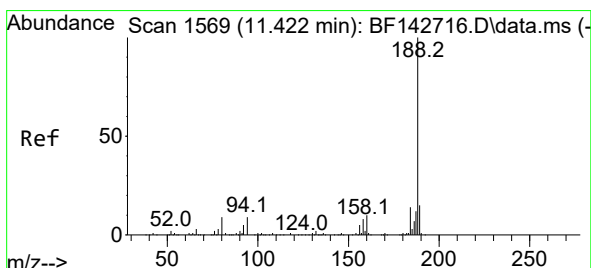
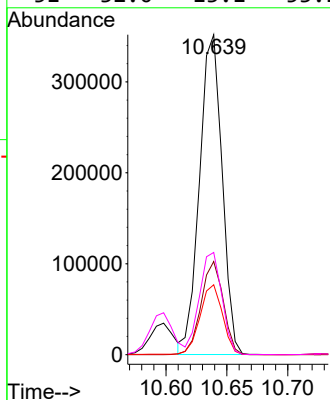
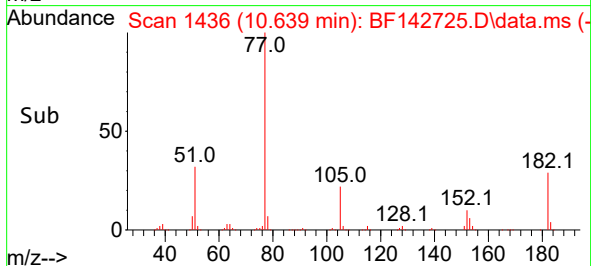


Tgt Ion: 77 Resp: 454272
Ion Ratio Lower Upper
77 100
182 29.1 7.8 47.8
105 21.9 1.9 41.9
51 32.0 13.1 53.1

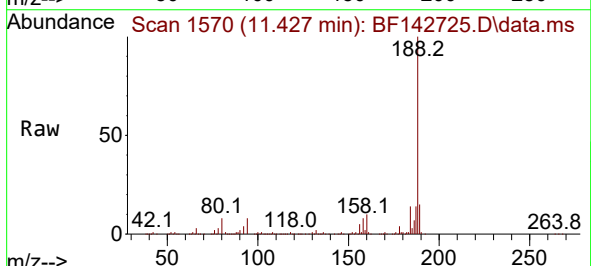
Manual Integrations

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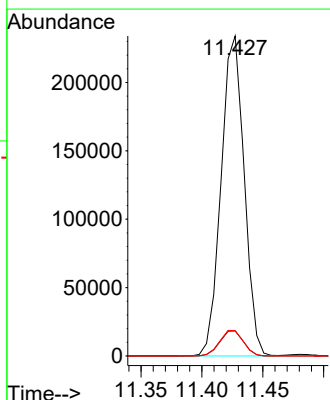
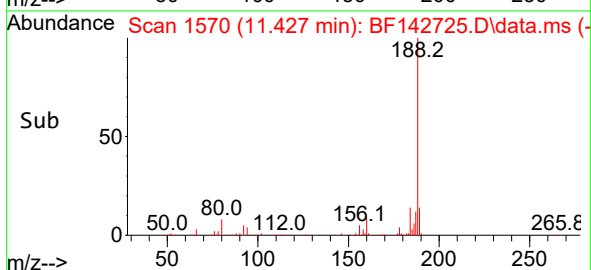
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

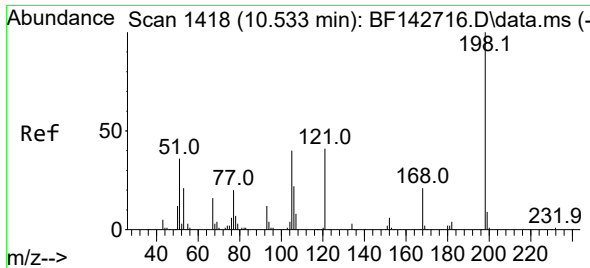


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22



Tgt Ion:188 Resp: 308296
Ion Ratio Lower Upper
188 100
94 7.8 6.8 10.2
80 7.9 7.1 10.7





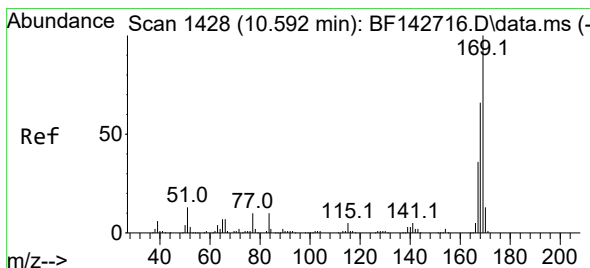
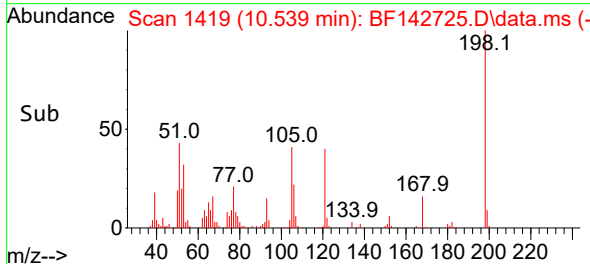
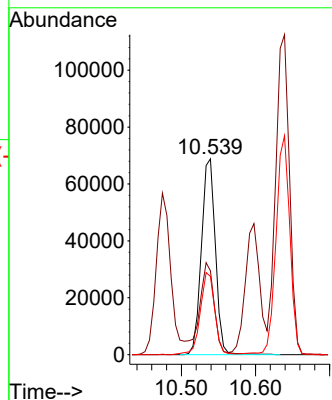
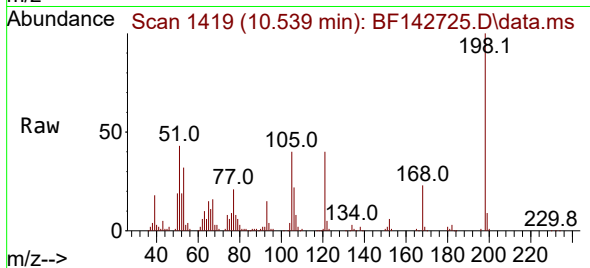
#65
4,6-Dinitro-2-methylphenol
Concen: 46.764 ng
RT: 10.539 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

Instrument :
BNA_F
ClientSampleId :
PB168376BS

Tgt Ion:198 Resp: 90283
Ion Ratio Lower Upper
198 100
51 42.8 25.5 65.5
105 39.9 21.1 61.1

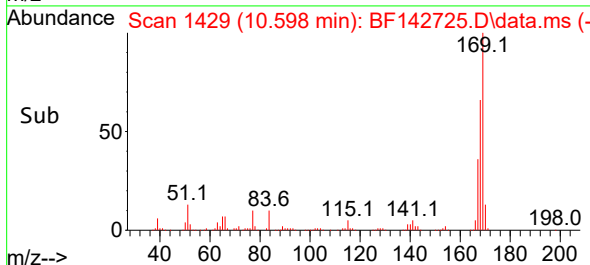
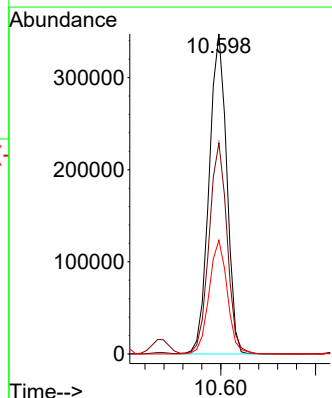
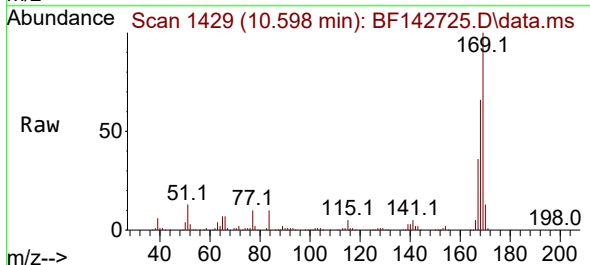
Manual Integrations
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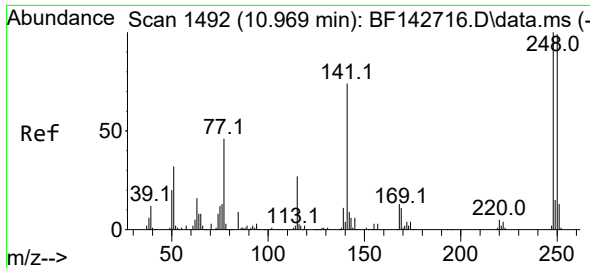
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#66
n-Nitrosodiphenylamine
Concen: 42.420 ng
RT: 10.598 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

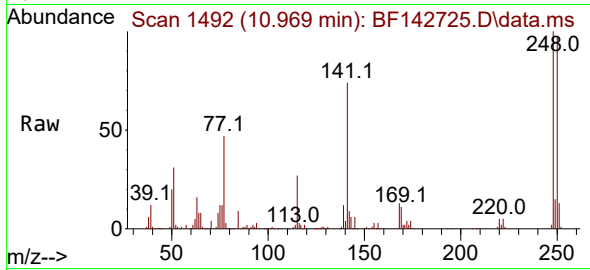
Tgt Ion:169 Resp: 449532
Ion Ratio Lower Upper
169 100
168 65.9 53.0 79.4
167 35.6 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 43.142 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

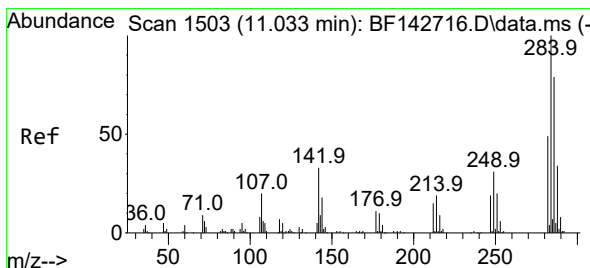
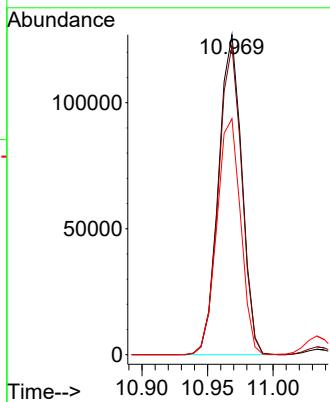
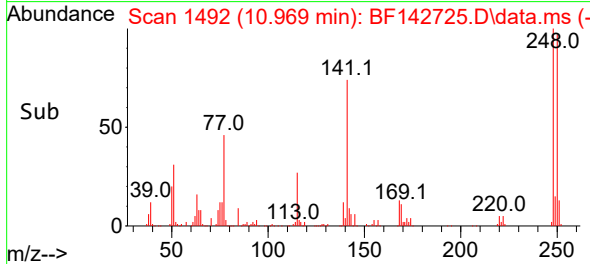
Instrument :
BNA_F
ClientSampleId :
PB168376BS



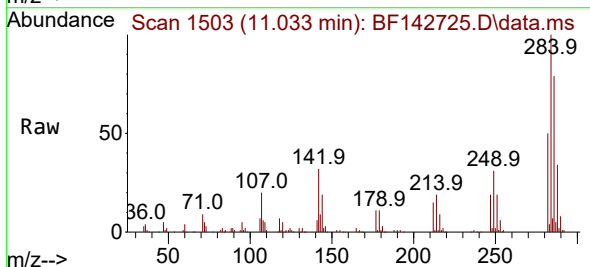
Tgt Ion:248 Resp: 156999
Ion Ratio Lower Upper
248 100
250 96.6 79.2 118.8
141 73.8 59.3 88.9

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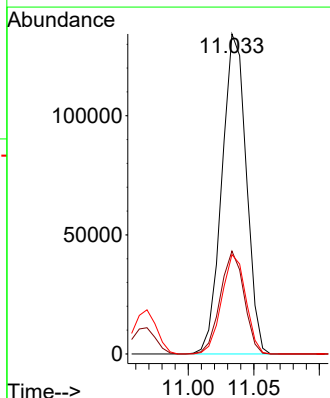
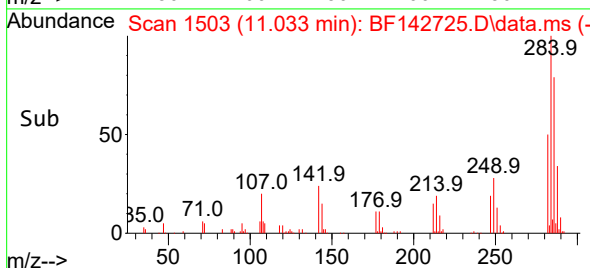
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

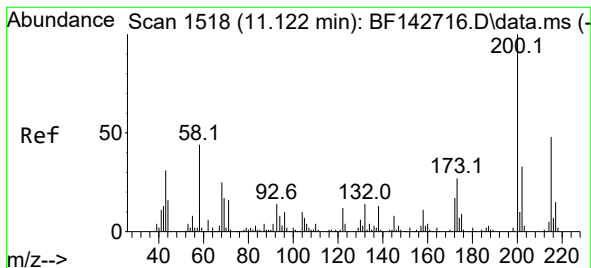


#68
Hexachlorobenzene
Concen: 42.943 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22



Tgt Ion:284 Resp: 173469
Ion Ratio Lower Upper
284 100
142 32.2 26.0 39.0
249 31.1 24.6 37.0





#69

Atrazine

Concen: 49.090 ng

RT: 11.121 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142725.D

Acq: 11 Jun 2025 10:22

Instrument :

BNA_F

ClientSampleId :

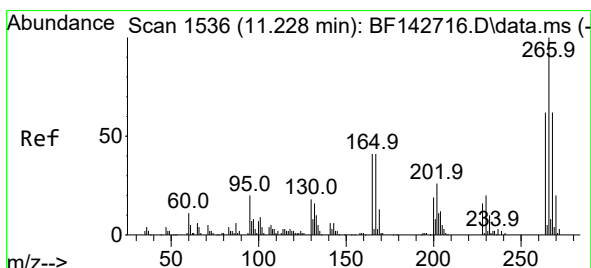
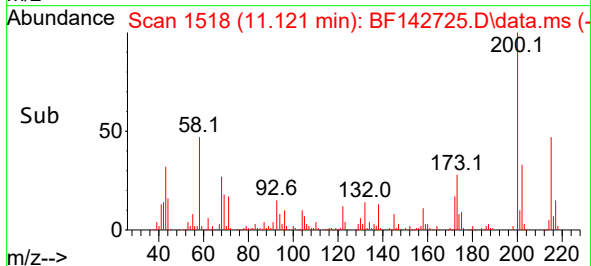
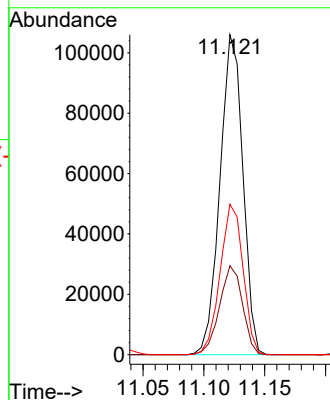
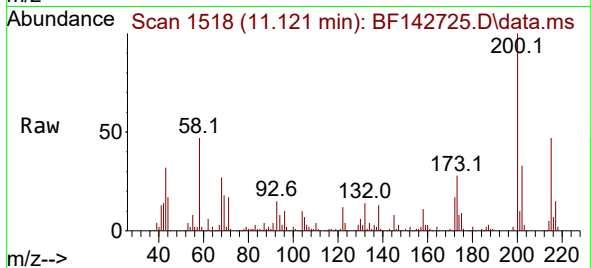
PB168376BS

Tgt Ion:200 Resp: 138694
 Ion Ratio Lower Upper
 200 100
 173 27.8 7.4 47.4
 215 47.0 28.2 68.2

Manual Integrations

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



#70

Pentachlorophenol

Concen: 89.961 ng

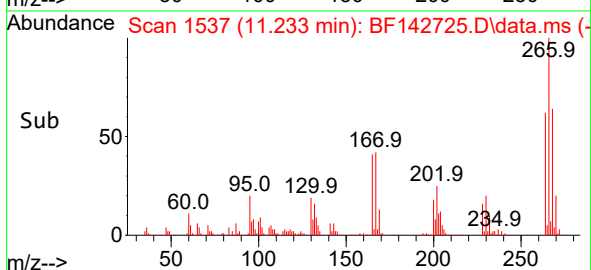
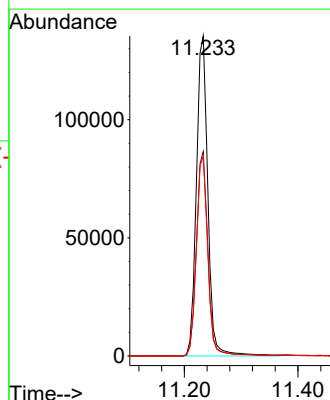
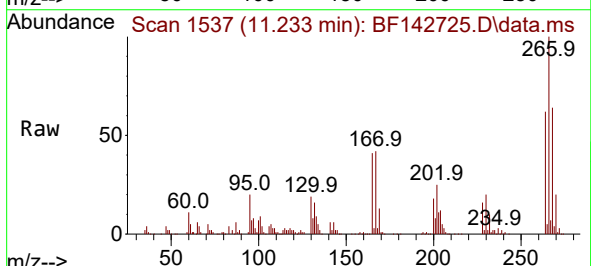
RT: 11.233 min Scan# 1537

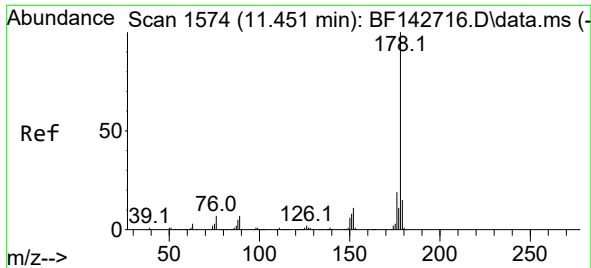
Delta R.T. 0.006 min

Lab File: BF142725.D

Acq: 11 Jun 2025 10:22

Tgt Ion:266 Resp: 190489
 Ion Ratio Lower Upper
 266 100
 268 63.8 49.6 74.4
 264 62.4 49.5 74.3





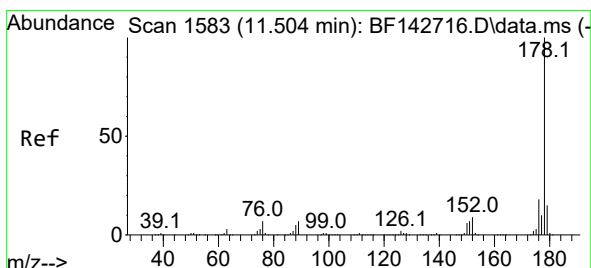
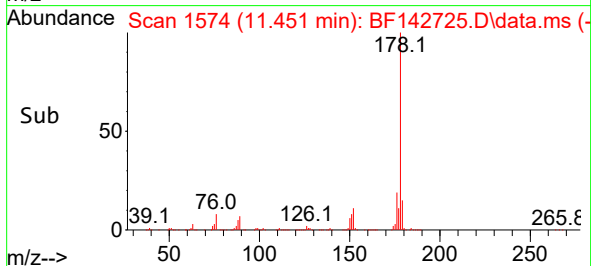
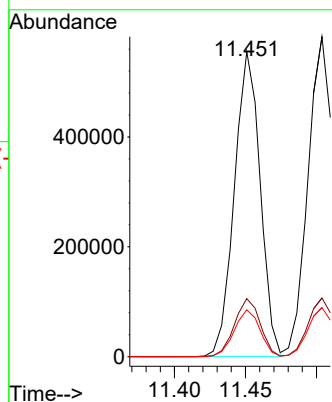
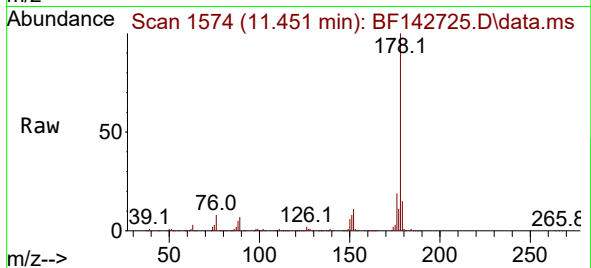
#71
Phenanthrene
Concen: 42.499 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

Instrument :
BNA_F
ClientSampleId :
PB168376BS

Tgt Ion:178 Resp: 70194
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.4 12.2 18.4

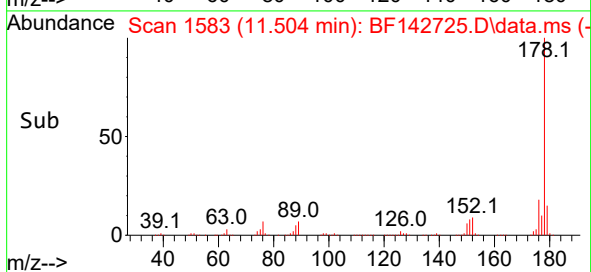
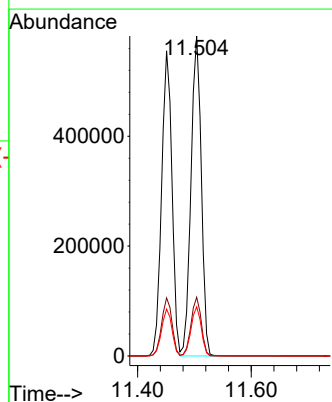
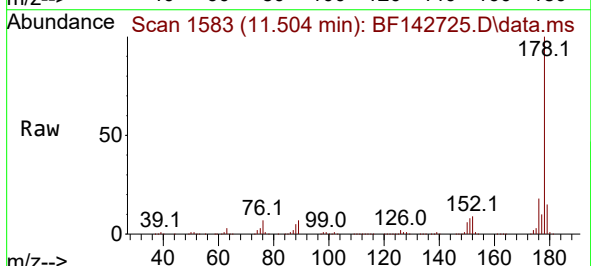
Manual Integrations
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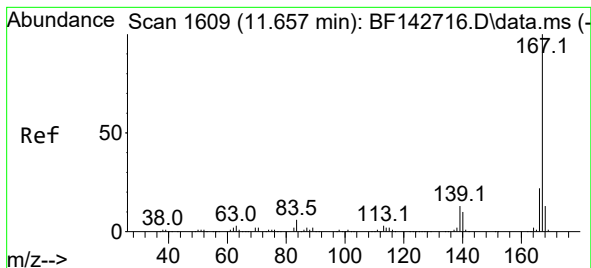
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#72
Anthracene
Concen: 43.022 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

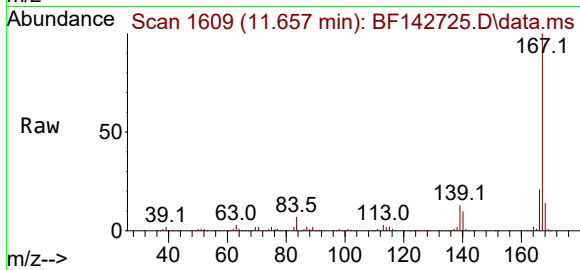
Tgt Ion:178 Resp: 735078
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.3 12.2 18.2





#73
 Carbazole
 Concen: 44.529 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF142725.D
 Acq: 11 Jun 2025 10:22

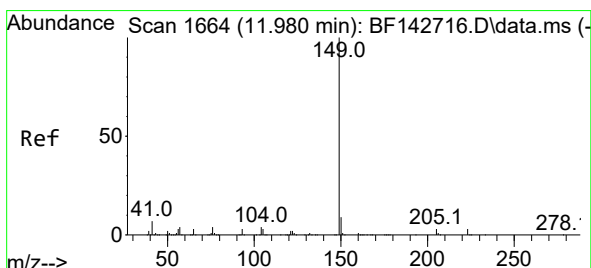
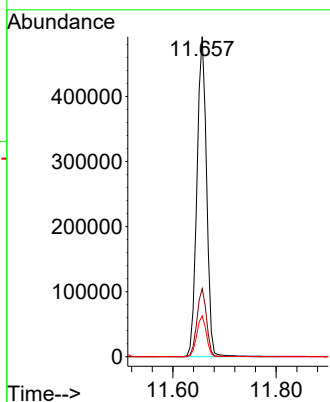
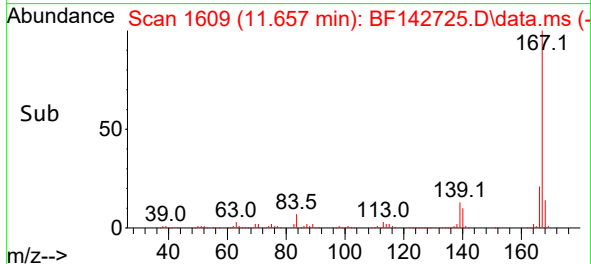
Instrument :
 BNA_F
 ClientSampleId :
 PB168376BS



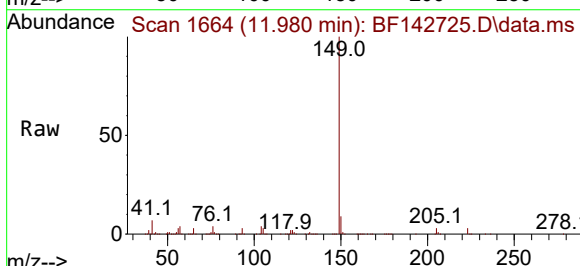
Tgt Ion:167 Resp: 636935
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.2 25.8
 139 12.8 10.2 15.4

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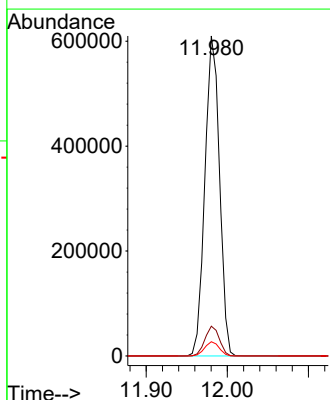
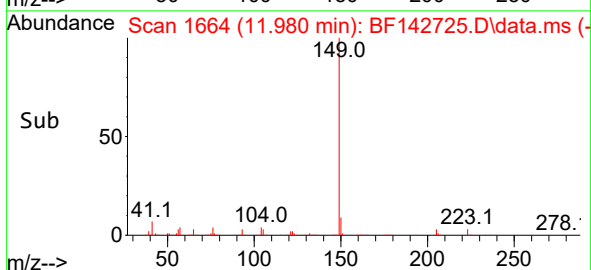
Reviewed By :Anahy Claudio 06/12/2025
 Supervised By :Jagrut Upadhyay 06/12/2025

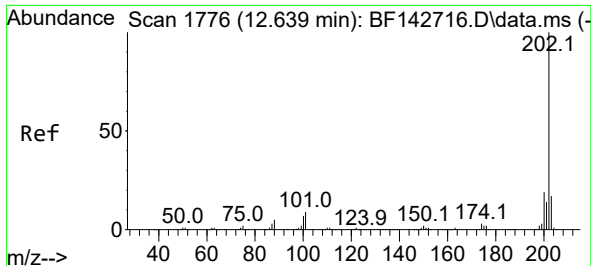


#74
 Di-n-butylphthalate
 Concen: 47.554 ng
 RT: 11.980 min Scan# 1664
 Delta R.T. -0.000 min
 Lab File: BF142725.D
 Acq: 11 Jun 2025 10:22



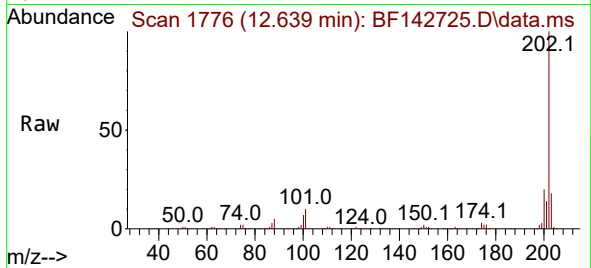
Tgt Ion:149 Resp: 759535
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.2 10.8
 104 4.5 3.4 5.2





#75
Fluoranthene
Concen: 44.340 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

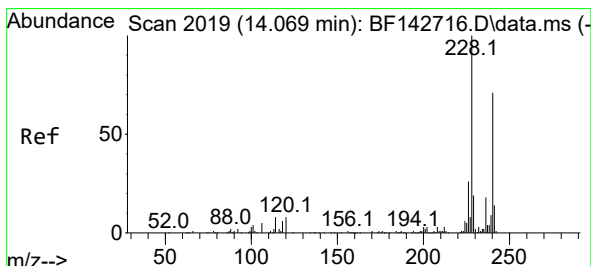
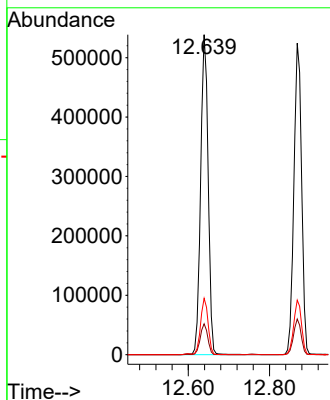
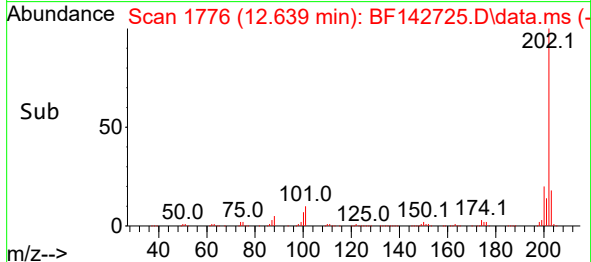
Instrument :
BNA_F
ClientSampleId :
PB168376BS



Tgt Ion:202 Resp: 696379
Ion Ratio Lower Upper
202 100
101 9.7 0.0 29.5
203 17.6 0.0 37.0

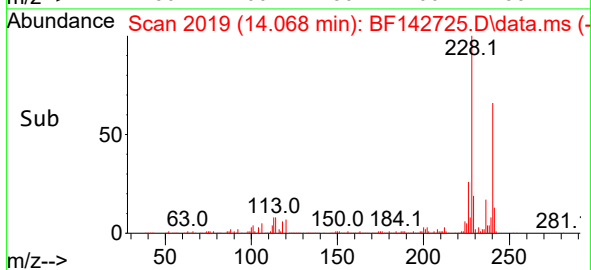
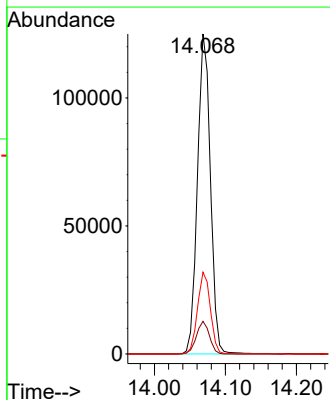
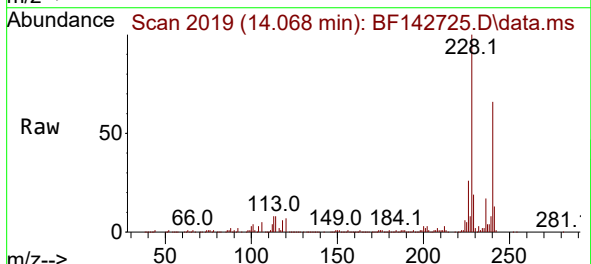
Manual Integrations
APPROVED

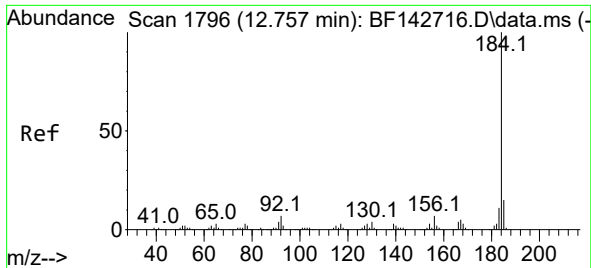
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

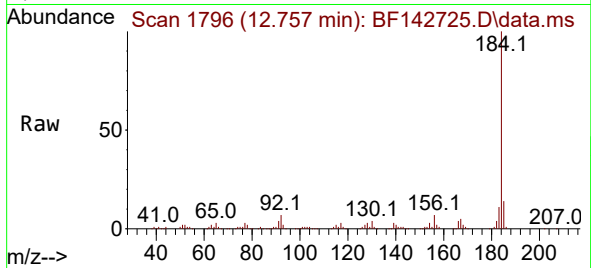
Tgt Ion:240 Resp: 158833
Ion Ratio Lower Upper
240 100
120 10.2 8.5 12.7
236 25.6 20.1 30.1





#77
Benzidine
Concen: 37.219 ng
RT: 12.757 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

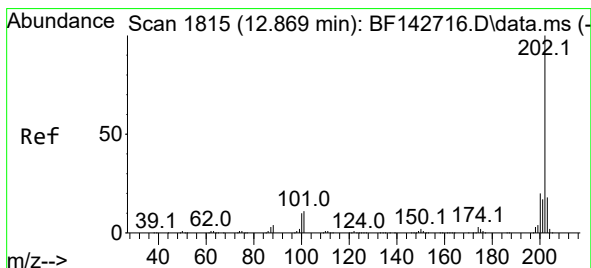
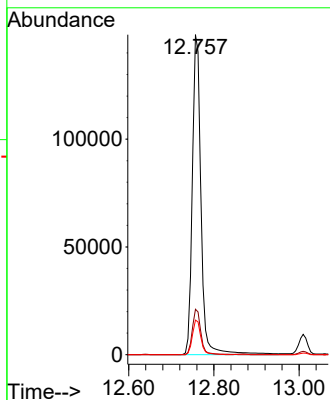
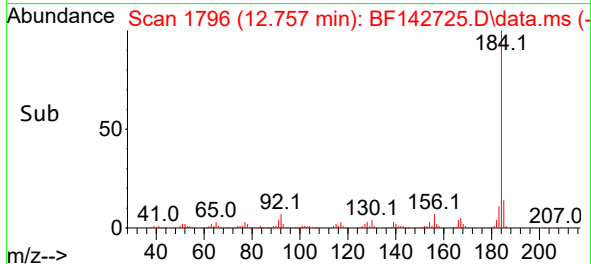
Instrument :
BNA_F
ClientSampleId :
PB168376BS



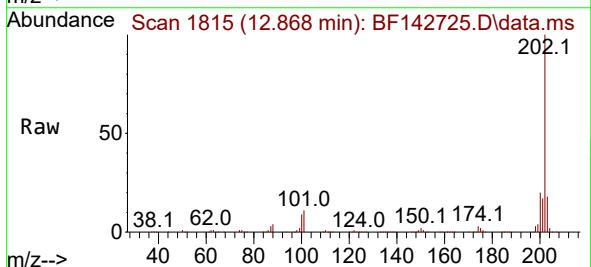
Tgt Ion:184 Resp: 21053
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 10.8 8.6 12.8

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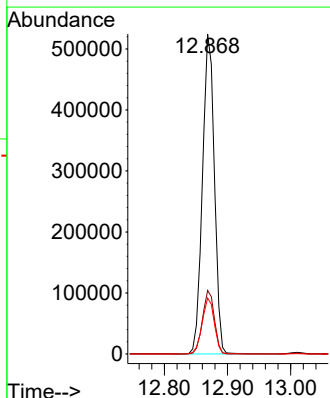
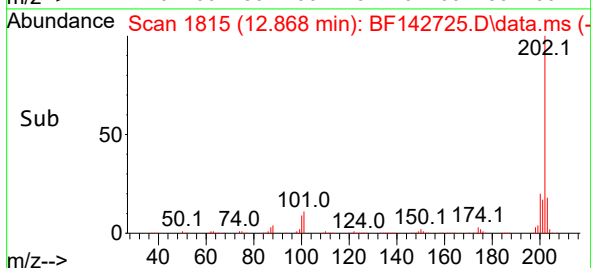
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

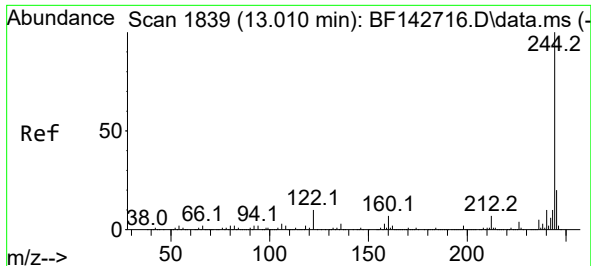


#78
Pyrene
Concen: 46.551 ng
RT: 12.868 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22



Tgt Ion:202 Resp: 687115
Ion Ratio Lower Upper
202 100
200 19.8 15.8 23.8
203 17.5 14.1 21.1





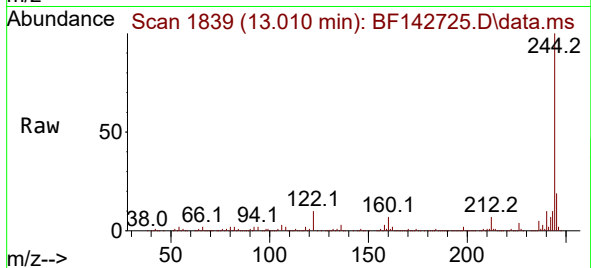
#79
 Terphenyl-d14
 Concen: 82.501 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.000 min
 Lab File: BF142725.D
 Acq: 11 Jun 2025 10:22

Instrument :

BNA_F

ClientSampleId :

PB168376BS

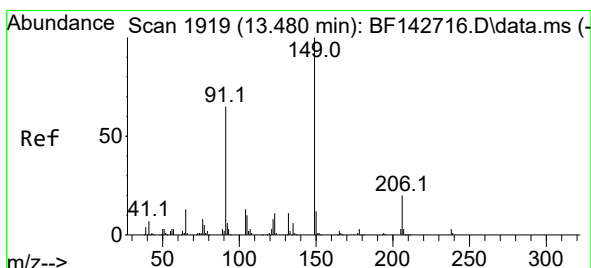
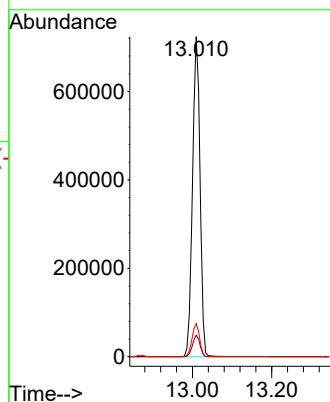
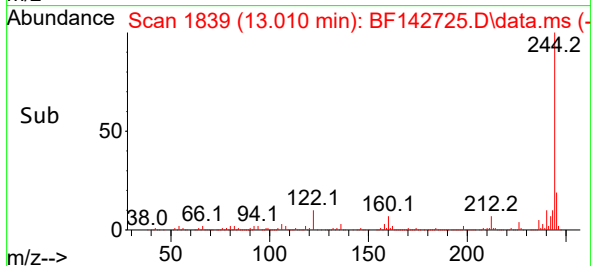


Tgt Ion:244 Resp: 95409
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.4 8.3 12.5

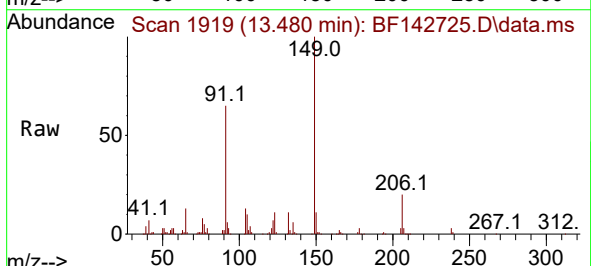
Manual Integrations

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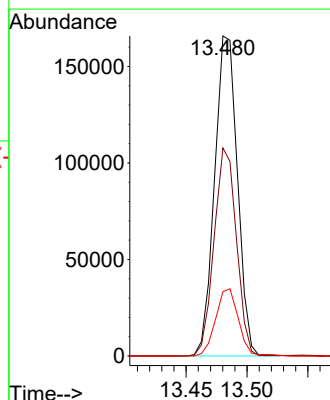
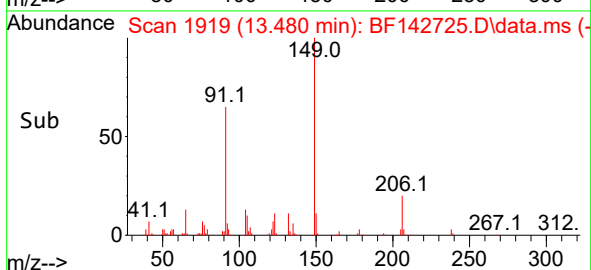
Reviewed By :Anahy Claudio 06/12/2025
 Supervised By :Jagrut Upadhyay 06/12/2025

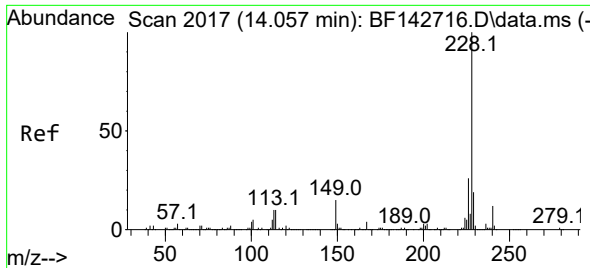


#80
 Butylbenzylphthalate
 Concen: 49.693 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. -0.000 min
 Lab File: BF142725.D
 Acq: 11 Jun 2025 10:22



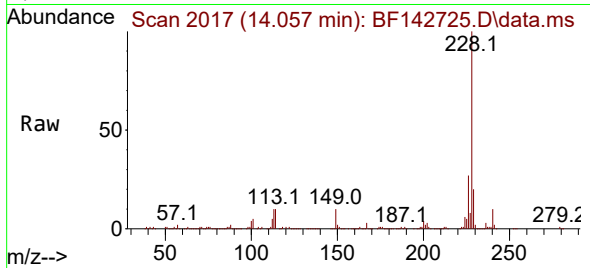
Tgt Ion:149 Resp: 216900
 Ion Ratio Lower Upper
 149 100
 91 65.0 52.3 78.5
 206 20.1 16.0 24.0





#81
Benzo(a)anthracene
Concen: 46.738 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

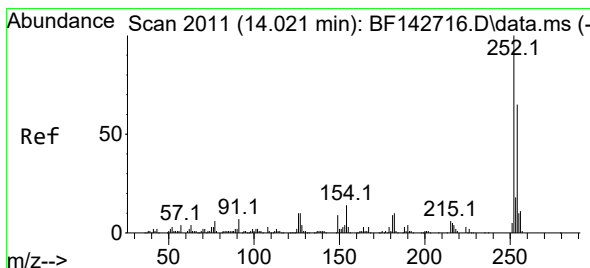
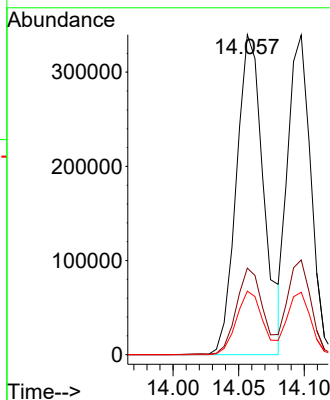
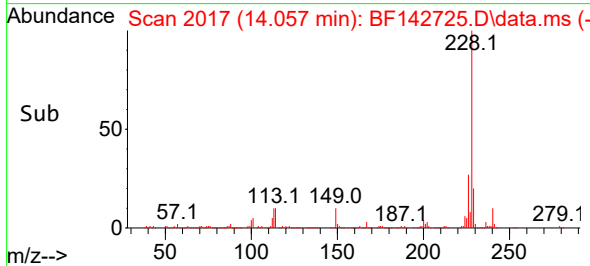
Instrument :
BNA_F
ClientSampleId :
PB168376BS



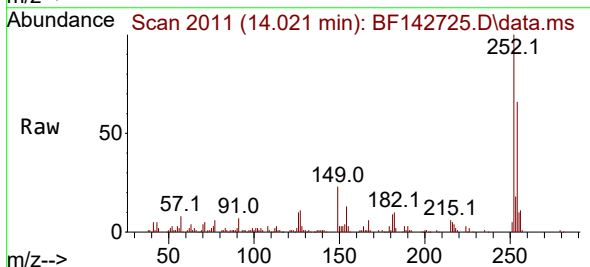
Tgt Ion:228 Resp: 49193
Ion Ratio Lower Upper
228 100
226 27.0 21.0 31.4
229 19.9 15.5 23.3

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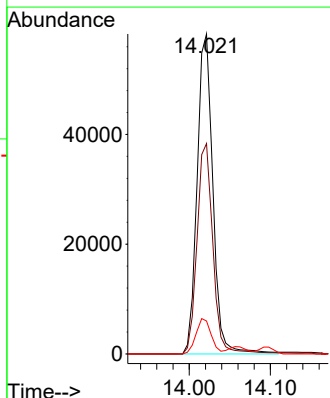
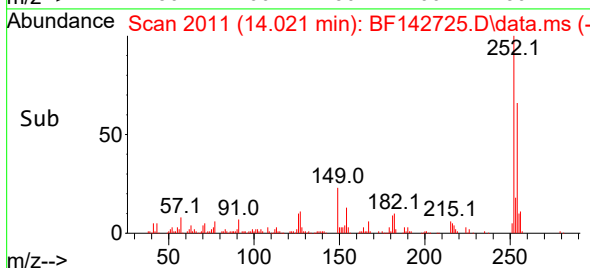
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

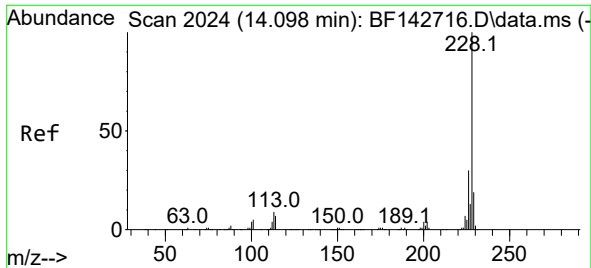


#82
3,3'-Dichlorobenzidine
Concen: 23.268 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22



Tgt Ion:252 Resp: 78974
Ion Ratio Lower Upper
252 100
254 65.8 51.8 77.6
126 10.3 8.1 12.1





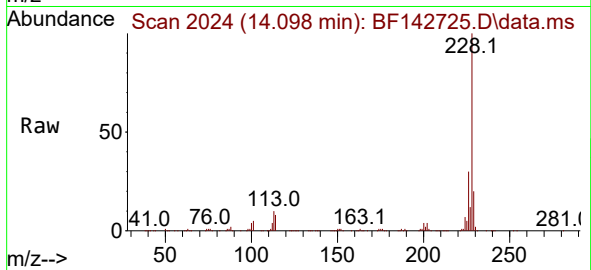
#83
Chrysene
Concen: 42.690 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

Instrument :

BNA_F

ClientSampleId :

PB168376BS

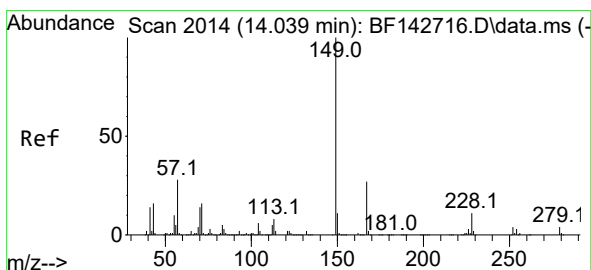
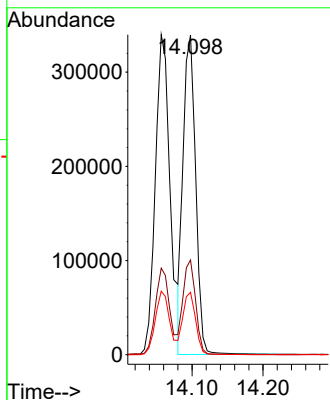
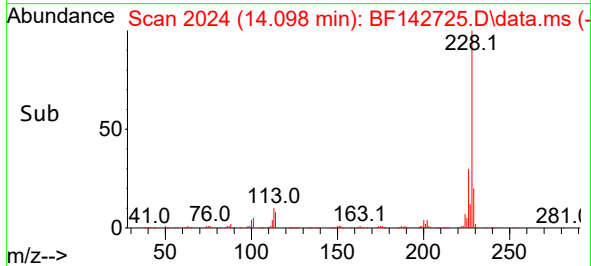


Tgt Ion:228 Resp: 414848
Ion Ratio Lower Upper
228 100
226 29.6 23.6 35.4
229 19.5 15.5 23.3

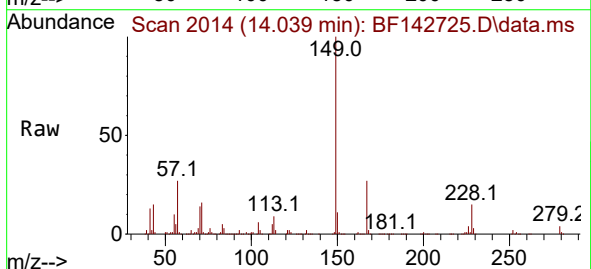
Manual Integrations

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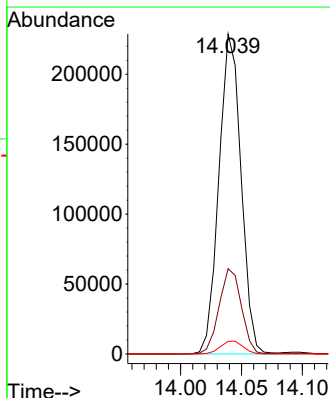
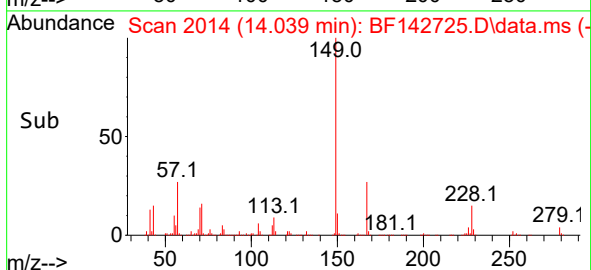
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

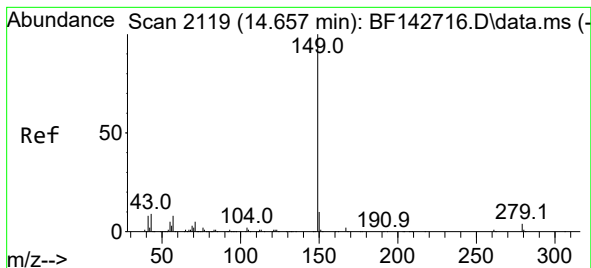


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.268 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22



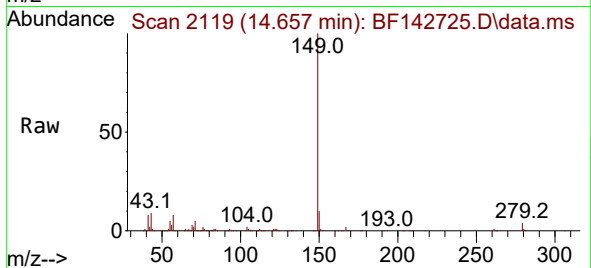
Tgt Ion:149 Resp: 289978
Ion Ratio Lower Upper
149 100
167 26.7 21.4 32.2
279 4.0 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 42.210 ng
RT: 14.657 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

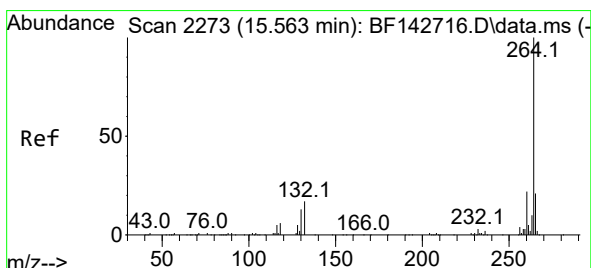
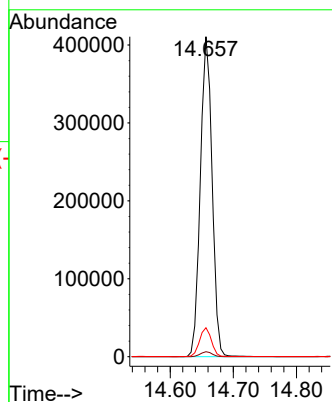
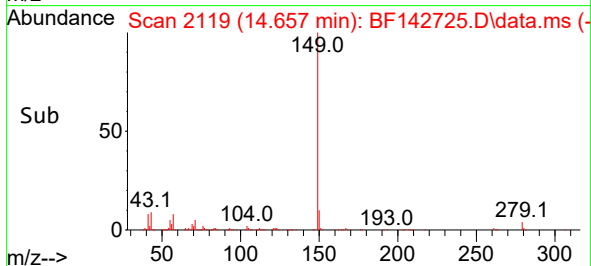
Instrument :
BNA_F
ClientSampleId :
PB168376BS



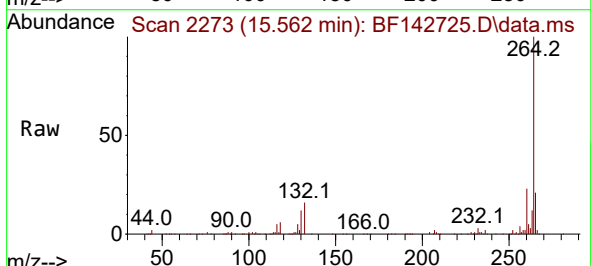
Tgt Ion:149 Resp: 53047
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.2 7.3 10.9

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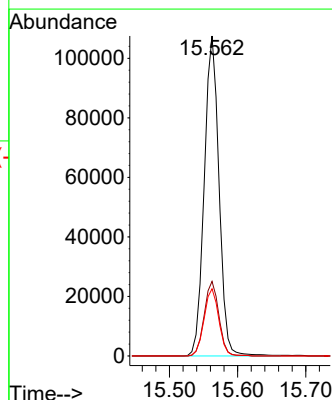
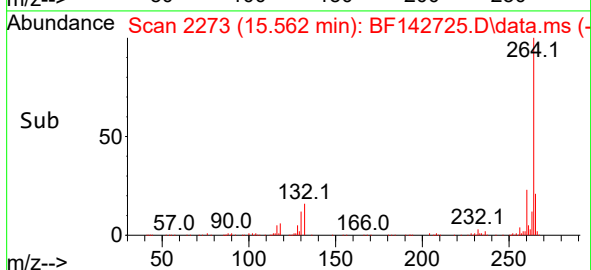
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

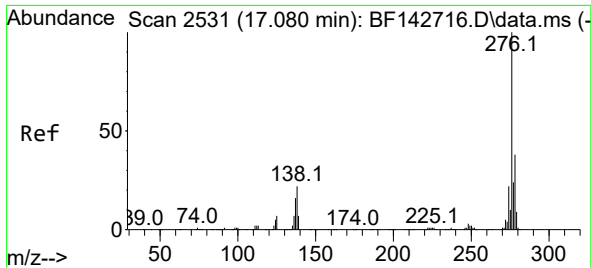


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22



Tgt Ion:264 Resp: 161986
Ion Ratio Lower Upper
264 100
260 23.3 17.8 26.6
265 21.0 16.6 25.0





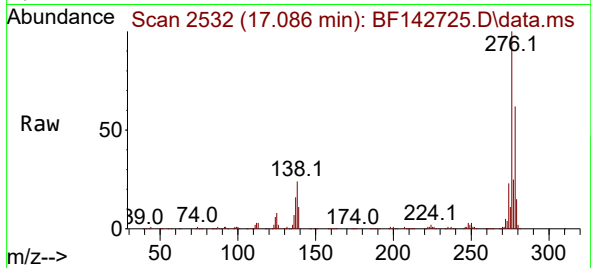
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.944 ng
 RT: 17.086 min Scan# 2198
 Delta R.T. 0.006 min
 Lab File: BF142725.D
 Acq: 11 Jun 2025 10:22

Instrument :

BNA_F

ClientSampleId :

PB168376BS

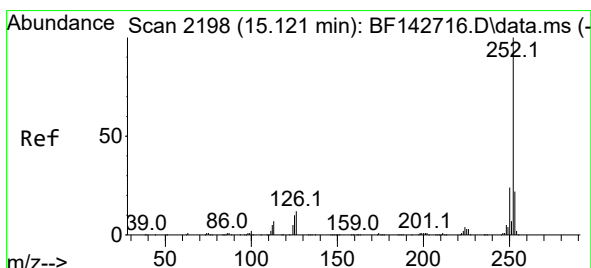
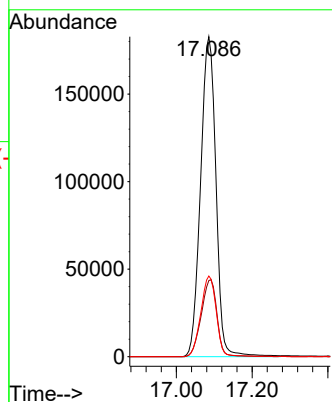
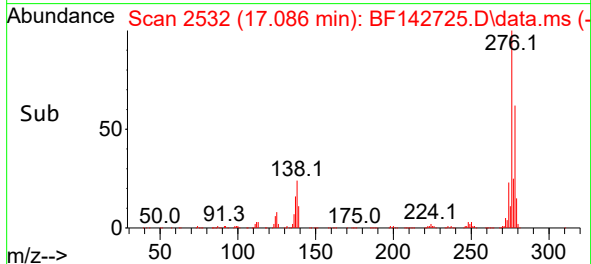


Tgt Ion:276 Resp: 51550
 Ion Ratio Lower Upper
 276 100
 138 24.6 19.3 28.9
 277 25.3 20.2 30.2

Manual Integrations

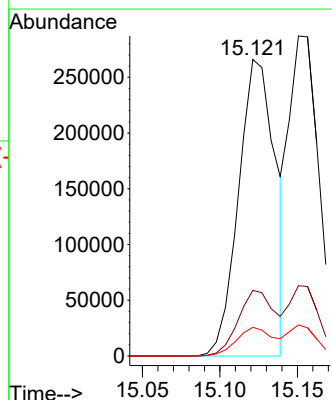
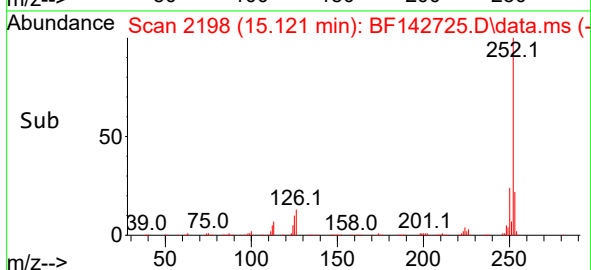
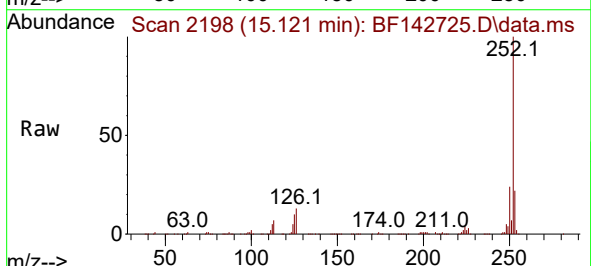
APPROVED

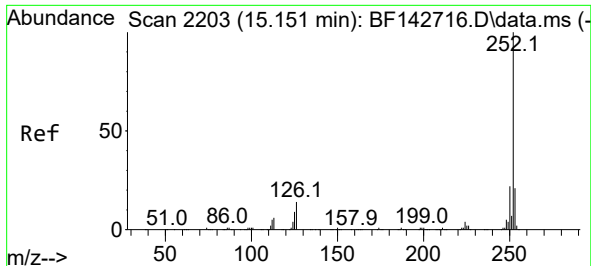
Reviewed By :Anahy Claudio 06/12/2025
 Supervised By :Jagrut Upadhyay 06/12/2025



#88
 Benzo(b)fluoranthene
 Concen: 46.014 ng
 RT: 15.121 min Scan# 2198
 Delta R.T. -0.000 min
 Lab File: BF142725.D
 Acq: 11 Jun 2025 10:22

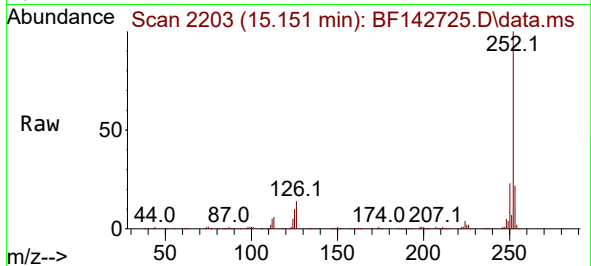
Tgt Ion:252 Resp: 438882
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.7 26.5
 125 9.6 7.8 11.6





#89
Benzo(k)fluoranthene
Concen: 42.156 ng
RT: 15.151 min Scan# 2203
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

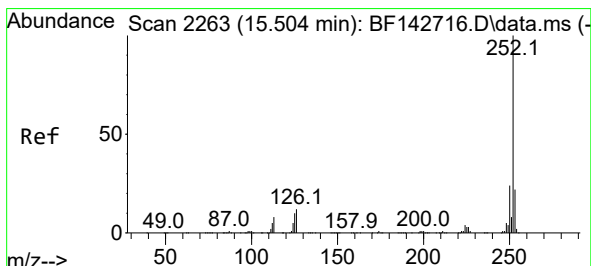
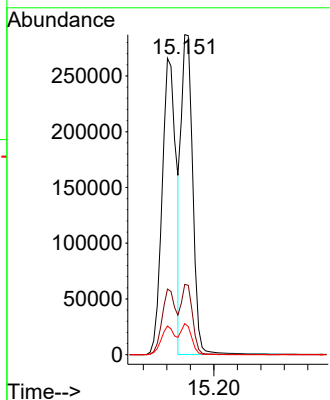
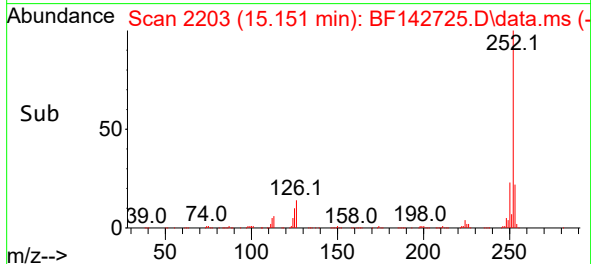
Instrument :
BNA_F
ClientSampleId :
PB168376BS



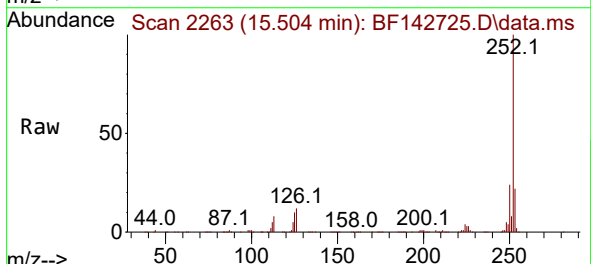
Tgt Ion:252 Resp: 390129
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 9.7 7.5 11.3

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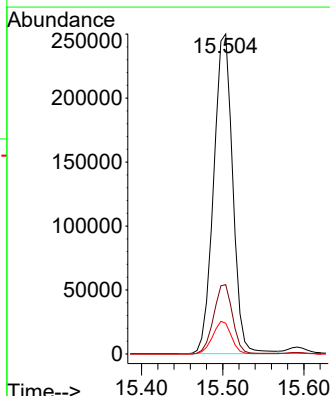
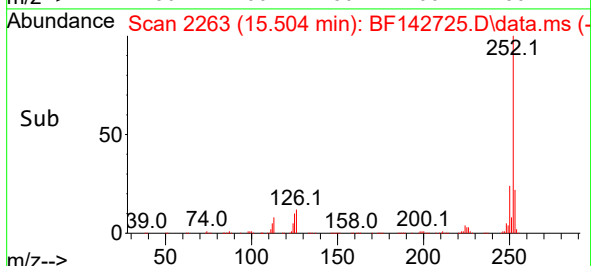
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

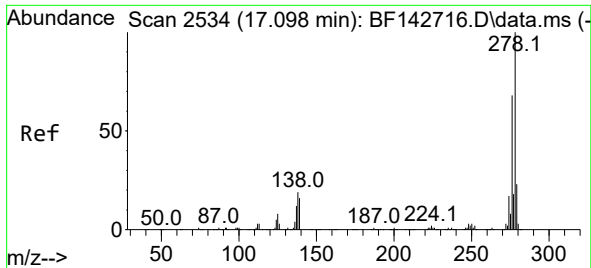


#90
Benzo(a)pyrene
Concen: 45.046 ng
RT: 15.504 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22



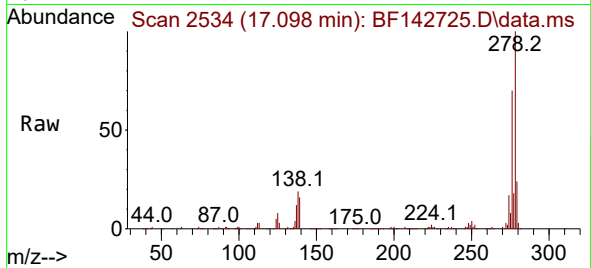
Tgt Ion:252 Resp: 408503
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 9.6 8.0 12.0





#91
Dibenzo(a,h)anthracene
Concen: 43.165 ng
RT: 17.098 min Scan# 2534
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22

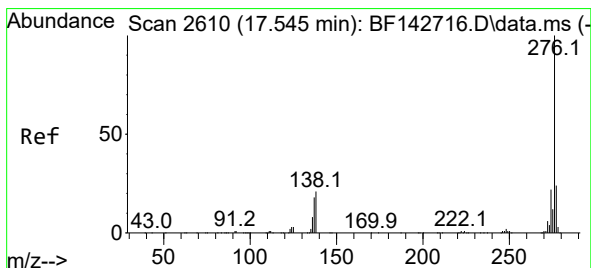
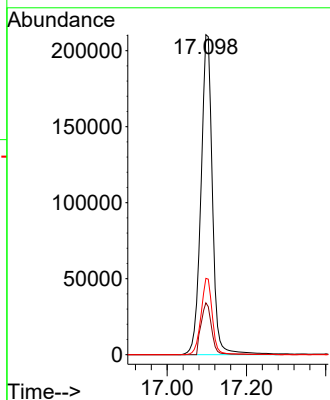
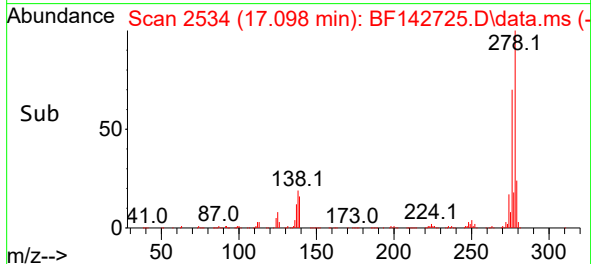
Instrument :
BNA_F
ClientSampleId :
PB168376BS



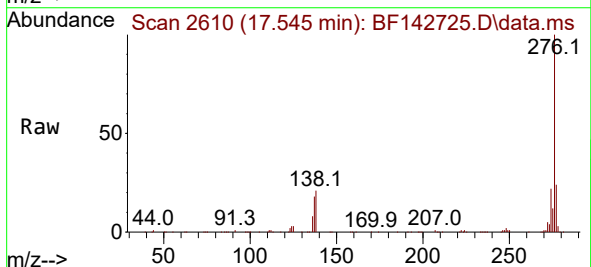
Tgt Ion:278 Resp: 42308
Ion Ratio Lower Upper
278 100
139 16.2 12.8 19.2
279 23.8 18.7 28.1

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: 42.174 ng
RT: 17.545 min Scan# 2610
Delta R.T. -0.000 min
Lab File: BF142725.D
Acq: 11 Jun 2025 10:22



Tgt Ion:276 Resp: 411061
Ion Ratio Lower Upper
276 100
277 23.8 18.8 28.2
138 20.9 16.4 24.6

