

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
 Data File : BF142859.D
 Acq On : 26 Jun 2025 10:38
 Operator : RC/JU
 Sample : PB168610BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168610BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/27/2025
 Supervised By :Jagrut Upadhyay 06/27/2025

Quant Time: Jun 26 11:56:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	89507	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	339768	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	183692	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	332633	20.000	ng	0.00
76) Chrysene-d12	14.057	240	203596	20.000	ng	0.00
86) Perylene-d12	15.545	264	172184	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	634091	117.948	ng	0.02
7) Phenol-d6	6.510	99	753226	118.755	ng	0.00
23) Nitrobenzene-d5	7.445	82	469814	75.845	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	251405	132.996	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1026514	73.411	ng	0.00
79) Terphenyl-d14	12.998	244	1123554	76.250	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	71805	33.393	ng	100
3) Pyridine	3.493	79	196872	36.521	ng	98
4) n-Nitrosodimethylamine	3.446	42	112783	40.459	ng	98
6) Aniline	6.540	93	253095	29.989	ng	# 88
8) 2-Chlorophenol	6.663	128	245984	42.417	ng	97
9) Benzaldehyde	6.428	77	140346	37.297	ng	100
10) Phenol	6.528	94	281732	39.960	ng	84
11) bis(2-Chloroethyl)ether	6.610	93	210938	41.861	ng	99
12) 1,3-Dichlorobenzene	6.816	146	267161	41.192	ng	98
13) 1,4-Dichlorobenzene	6.892	146	268222	40.990	ng	99
14) 1,2-Dichlorobenzene	7.045	146	255708	41.200	ng	99
15) Benzyl Alcohol	7.022	79	196963	42.955	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	323245	39.927	ng	96
17) 2-Methylphenol	7.134	107	186122	42.351	ng	98
18) Hexachloroethane	7.387	117	93765	40.967	ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	155366	42.117	ng	98
20) 3+4-Methylphenols	7.287	107	232177	42.372	ng	96
22) Acetophenone	7.287	105	317620	42.392	ng	99
24) Nitrobenzene	7.463	77	233963	41.730	ng	98
25) Isophorone	7.698	82	423343	42.604	ng	100
26) 2-Nitrophenol	7.775	139	133377	43.671	ng	99
27) 2,4-Dimethylphenol	7.816	122	221002	41.775	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	268288	42.468	ng	99
29) 2,4-Dichlorophenol	8.022	162	206036	42.953	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	219165	41.551	ng	99
31) Naphthalene	8.181	128	704827	42.380	ng	100
32) Benzoic acid	7.939	122	123386	45.760	ng	96
33) 4-Chloroaniline	8.234	127	144339	21.344	ng	98
34) Hexachlorobutadiene	8.298	225	135783	42.085	ng	99
35) Caprolactam	8.604	113	64615m	51.048	ng	
36) 4-Chloro-3-methylphenol	8.716	107	211772	44.423	ng	99
37) 2-Methylnaphthalene	8.875	142	441327	42.803	ng	99
38) 1-Methylnaphthalene	8.975	142	453974	42.533	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	220062	40.601	ng	99
41) Hexachlorocyclopentadiene	9.028	237	264367	85.950	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	148040	41.915	ng	99

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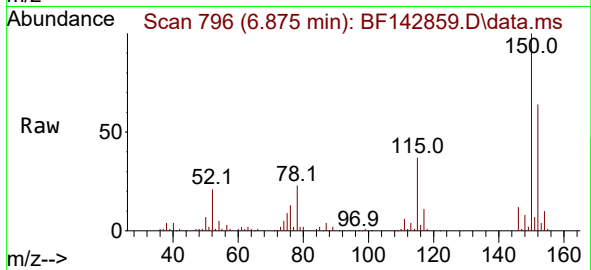
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	158897	42.738	ng	99
46) 1,1'-Biphenyl	9.339	154	601501	41.452	ng	100
47) 2-Chloronaphthalene	9.369	162	449906	41.317	ng	100
48) 2-Nitroaniline	9.463	65	134230	43.969	ng	97
49) Acenaphthylene	9.781	152	751258	41.909	ng	99
50) Dimethylphthalate	9.645	163	534094	44.918	ng	99
51) 2,6-Dinitrotoluene	9.704	165	118754	45.478	ng	100
52) Acenaphthene	9.957	154	484278	44.279	ng	100
53) 3-Nitroaniline	9.875	138	80375	27.956	ng	98
54) 2,4-Dinitrophenol	9.986	184	101780	77.843	ng	95
55) Dibenzofuran	10.128	168	658925	42.014	ng	100
56) 4-Nitrophenol	10.045	139	192206	97.654	ng	98
57) 2,4-Dinitrotoluene	10.110	165	165407	47.688	ng	95
58) Fluorene	10.469	166	524574	42.827	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	132357	44.165	ng	98
60) Diethylphthalate	10.345	149	534286	45.828	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	249197	42.636	ng	99
62) 4-Nitroaniline	10.492	138	127088	48.333	ng	99
63) Azobenzene	10.622	77	455576	43.722	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	76516	38.030	ng	95
66) n-Nitrosodiphenylamine	10.580	169	468652	40.652	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	156842	41.430	ng	97
68) Hexachlorobenzene	11.022	284	173599	41.269	ng	99
69) Atrazine	11.110	200	150754	50.640	ng	99
70) Pentachlorophenol	11.216	266	190569	90.916	ng	99
71) Phenanthrene	11.433	178	751979	41.733	ng	99
72) Anthracene	11.486	178	775095	41.943	ng	100
73) Carbazole	11.645	167	714848	44.825	ng	100
74) Di-n-butylphthalate	11.969	149	850256	51.180	ng	100
75) Fluoranthene	12.627	202	808171	47.260	ng	100
77) Benzidine	12.745	184	340251	44.481	ng	99
78) Pyrene	12.857	202	798420	41.837	ng	99
80) Butylbenzylphthalate	13.469	149	288173	52.057	ng	97
81) Benzo(a)anthracene	14.045	228	589639	42.931	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	75705	16.993	ng	100
83) Chrysene	14.080	228	540040	44.064	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	334810	42.037	ng	100
85) Di-n-octyl phthalate	14.639	149	491860	32.750	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	546279	41.653	ng	98
88) Benzo(b)fluoranthene	15.104	252	462369	46.407	ng	100
89) Benzo(k)fluoranthene	15.139	252	418007	44.844	ng	100
90) Benzo(a)pyrene	15.480	252	423538	44.003	ng	100
91) Dibenzo(a,h)anthracene	17.074	278	441502	41.431	ng	99
92) Benzo(g,h,i)perylene	17.515	276	440396	41.445	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

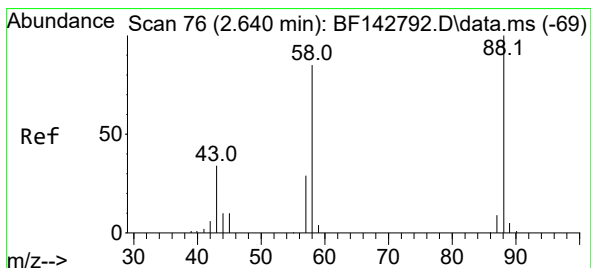
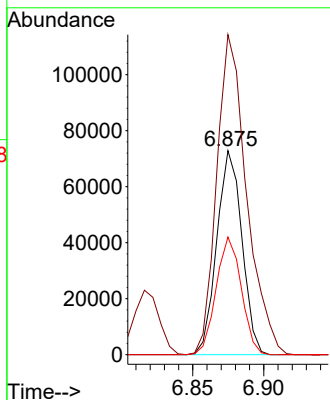
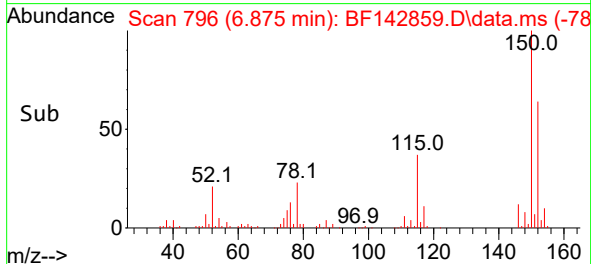
Instrument :
BNA_F
ClientSampleId :
PB168610BS



Tgt Ion:152 Resp: 8950
Ion Ratio Lower Upper
152 100
150 156.8 127.2 190.8
115 57.7 46.6 69.8

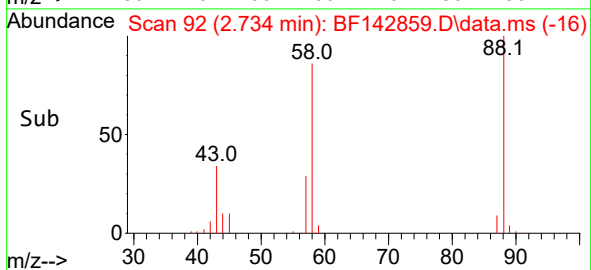
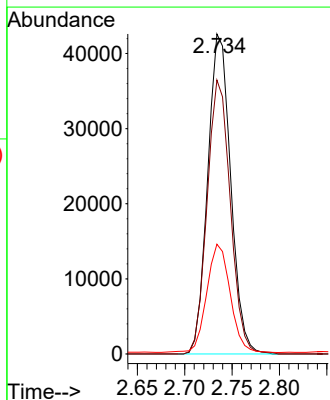
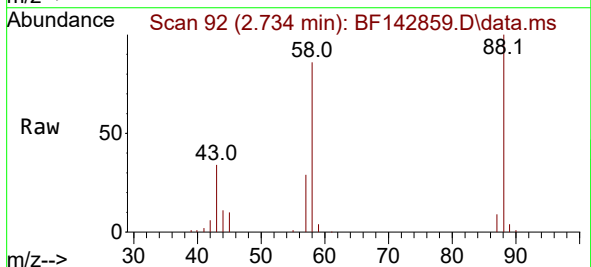
Manual Integrations
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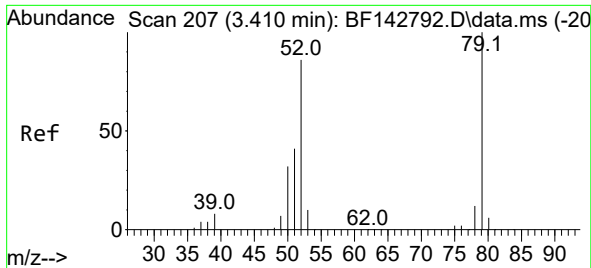
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#2
1,4-Dioxane
Concen: 33.393 ng
RT: 2.734 min Scan# 92
Delta R.T. 0.094 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

Tgt Ion: 88 Resp: 71805
Ion Ratio Lower Upper
88 100
58 86.5 69.1 103.7
43 34.5 27.4 41.2





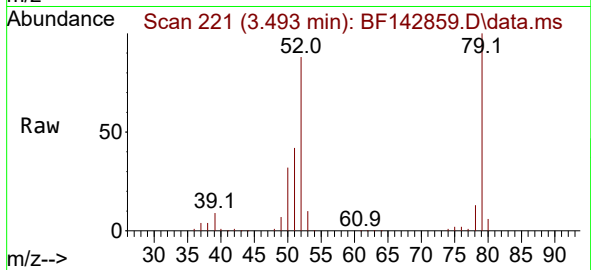
#3
 Pyridine
 Concen: 36.521 ng
 RT: 3.493 min Scan# 211
 Delta R.T. 0.082 min
 Lab File: BF142859.D
 Acq: 26 Jun 2025 10:38

Instrument :

BNA_F

ClientSampleId :

PB168610BS



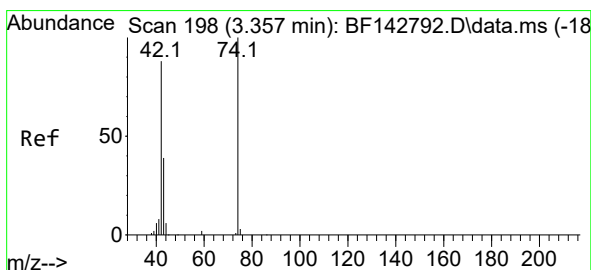
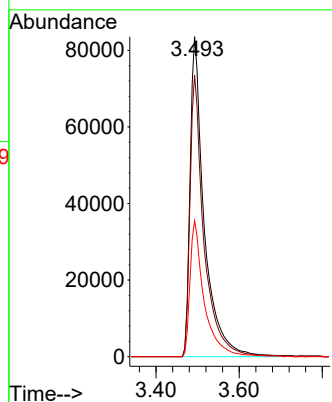
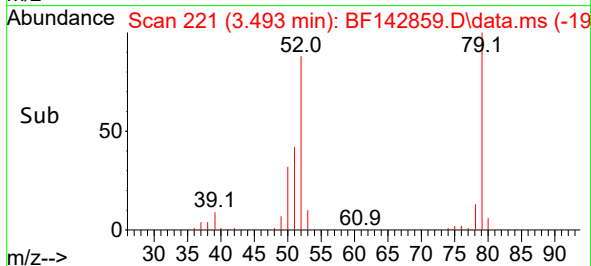
Tgt Ion: 79 Resp: 196872
 Ion Ratio Lower Upper
 79 100
 52 88.0 69.2 103.8
 51 42.4 33.2 49.8

Manual Integrations

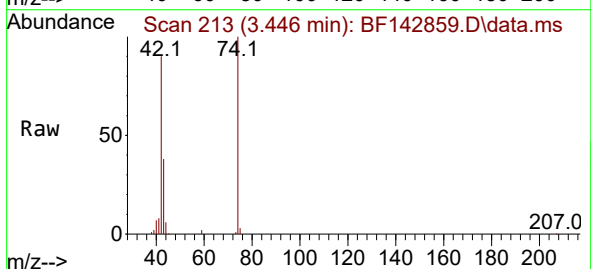
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Reviewed By :Rahul Chavli 06/27/2025

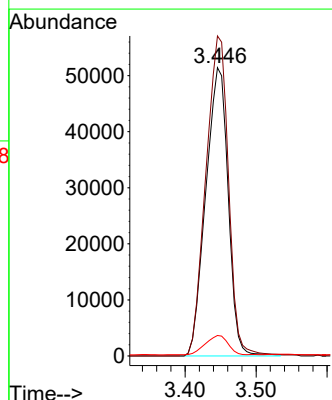
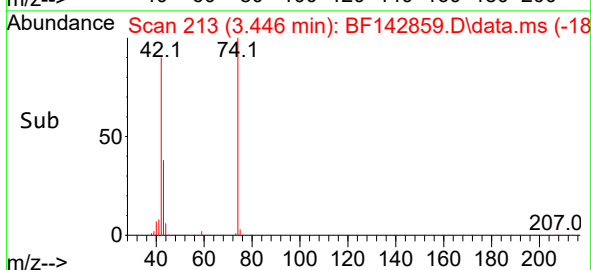
Supervised By :Jagrut Upadhyay 06/27/2025



#4
 n-Nitrosodimethylamine
 Concen: 40.459 ng
 RT: 3.446 min Scan# 213
 Delta R.T. 0.088 min
 Lab File: BF142859.D
 Acq: 26 Jun 2025 10:38



Tgt Ion: 42 Resp: 112783
 Ion Ratio Lower Upper
 42 100
 74 111.0 90.9 136.3
 44 7.1 5.8 8.6





#5
2-Fluorophenol
Concen: 117.948 ng
RT: 5.510 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

Instrument :

BNA_F

ClientSampleId :

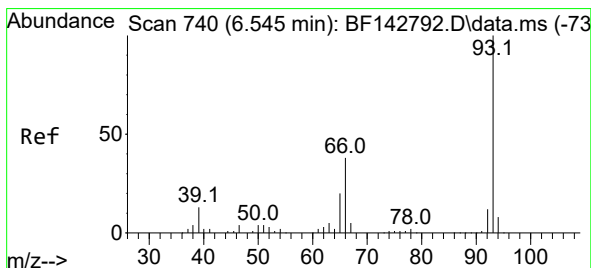
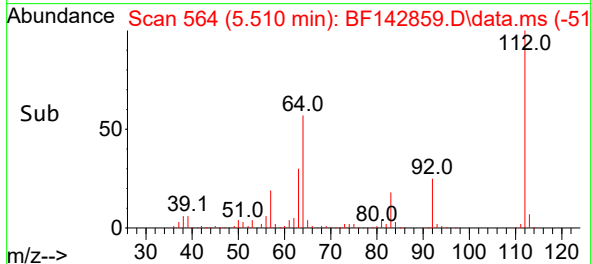
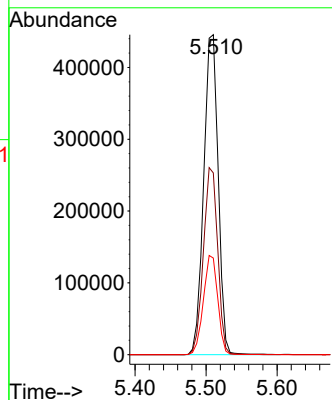
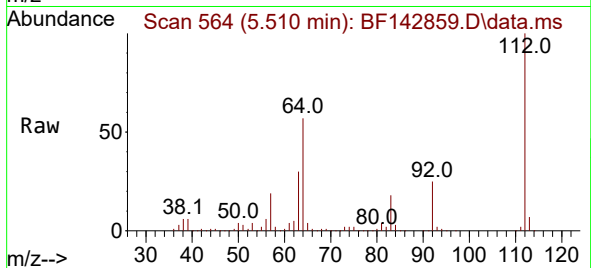
PB168610BS

Tgt Ion:112 Resp: 63409
Ion Ratio Lower Upper
112 100
64 56.8 48.2 72.2
63 30.2 25.7 38.5

Manual Integrations

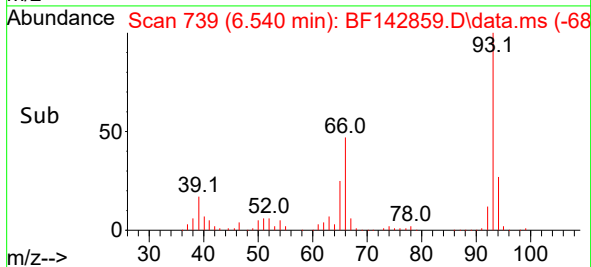
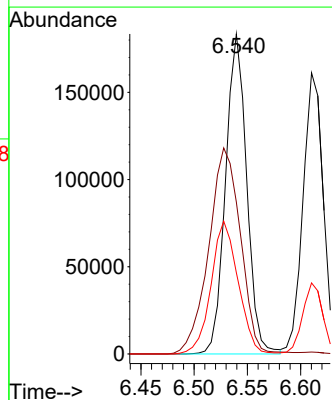
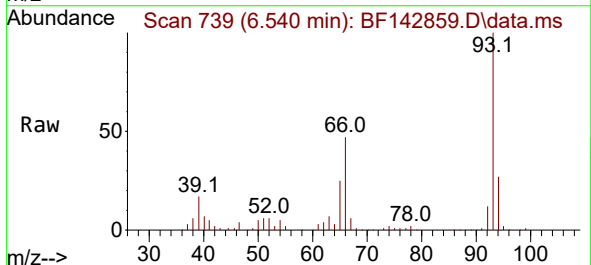
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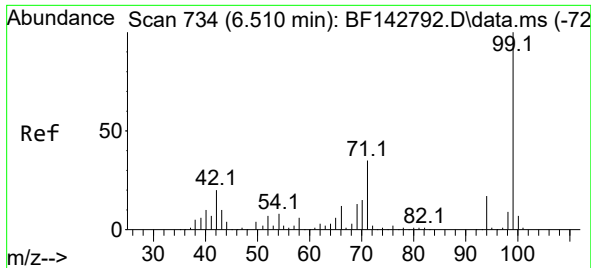
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#6
Aniline
Concen: 29.989 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

Tgt Ion: 93 Resp: 253095
Ion Ratio Lower Upper
93 100
66 47.4 31.8 47.6
65 25.4 16.2 24.2#





#7

Phenol-d6

Concen: 118.755 ng

RT: 6.510 min Scan# 710

Delta R.T. 0.000 min

Lab File: BF142859.D

Acq: 26 Jun 2025 10:38

Instrument :

BNA_F

ClientSampleId :

PB168610BS

Tgt Ion: 99 Resp: 753220

Ion Ratio Lower Upper

99 100

42 19.9 15.9 23.9

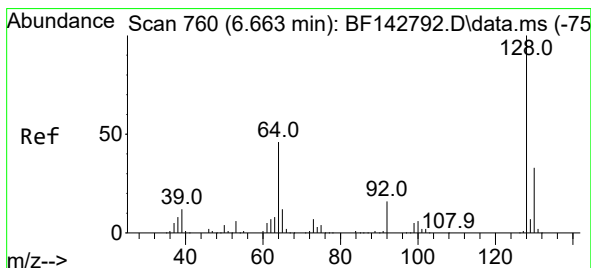
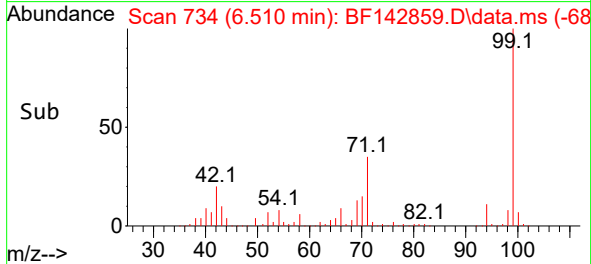
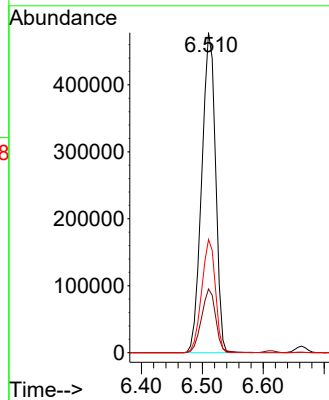
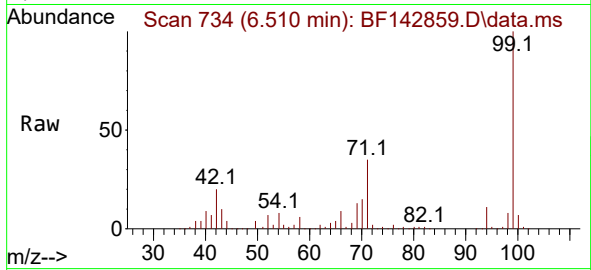
71 35.4 27.8 41.8

Manual Integrations

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Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#8

2-Chlorophenol

Concen: 42.417 ng

RT: 6.663 min Scan# 760

Delta R.T. 0.000 min

Lab File: BF142859.D

Acq: 26 Jun 2025 10:38

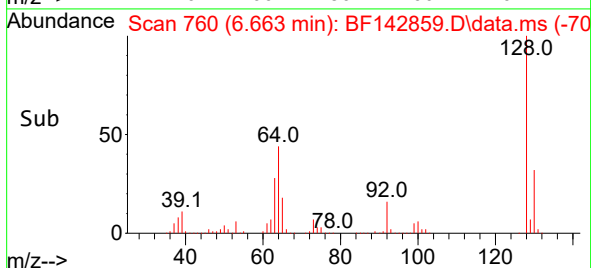
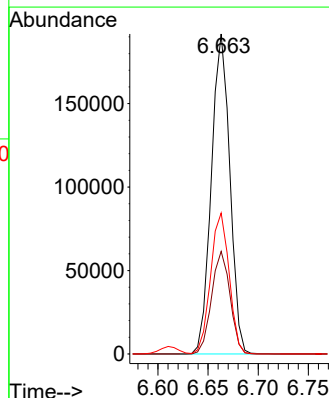
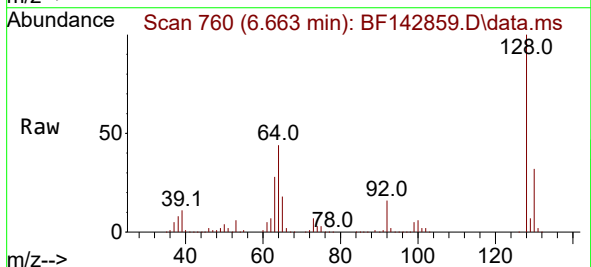
Tgt Ion:128 Resp: 245984

Ion Ratio Lower Upper

128 100

130 32.1 12.7 52.7

64 44.0 26.5 66.5





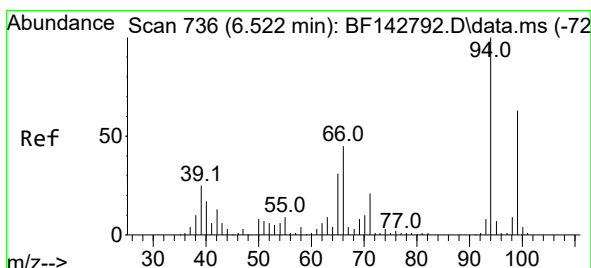
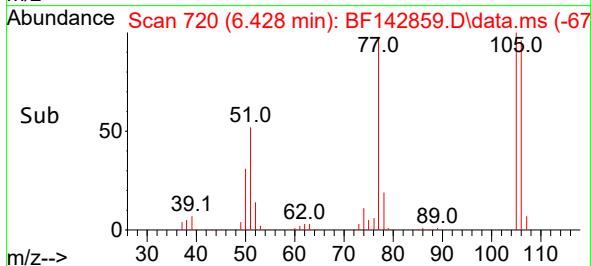
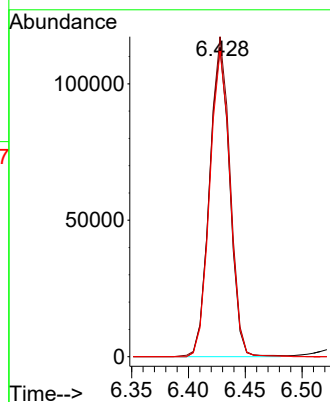
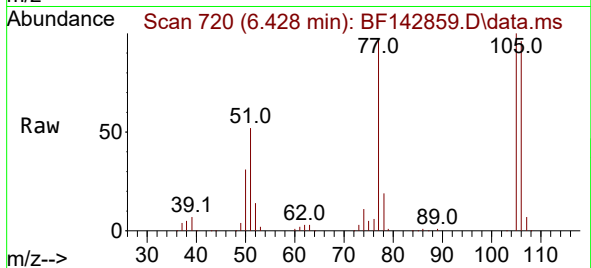
#9
Benzaldehyde
Concen: 37.297 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

Instrument :
BNA_F
ClientSampleId :
PB168610BS

Tgt Ion: 77 Resp: 140340
Ion Ratio Lower Upper
77 100
105 103.4 83.8 123.8
106 98.8 78.7 118.7

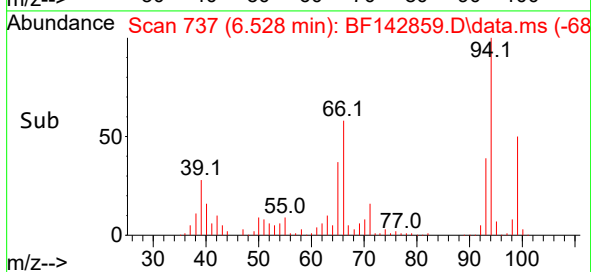
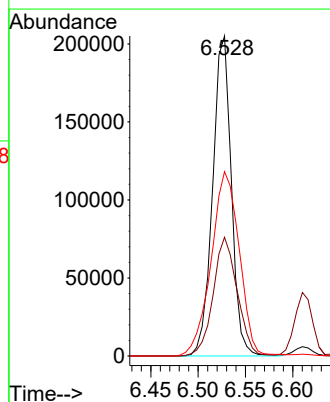
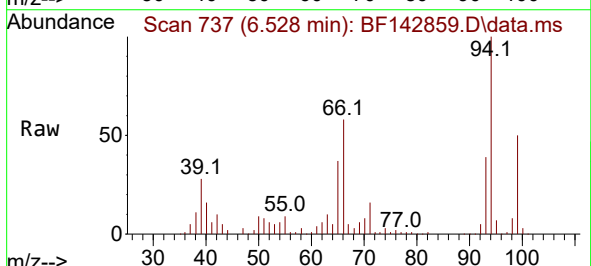
Manual Integrations
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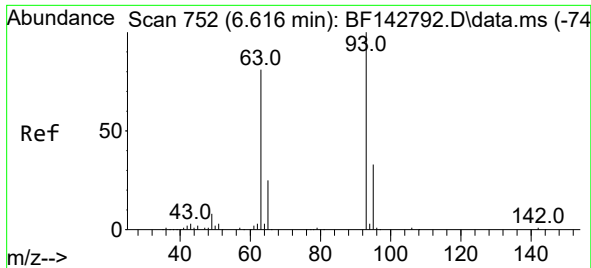
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#10
Phenol
Concen: 39.960 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

Tgt Ion: 94 Resp: 281732
Ion Ratio Lower Upper
94 100
65 37.1 11.3 51.3
66 57.6 24.9 64.9





#11
bis(2-Chloroethyl)ether
Concen: 41.861 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

Instrument :

BNA_F

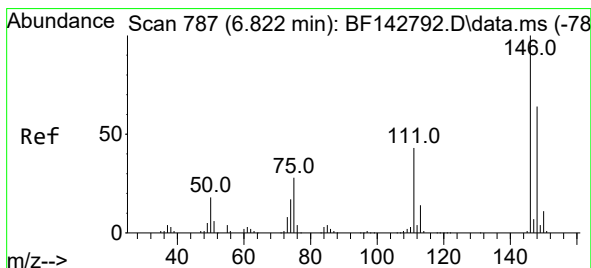
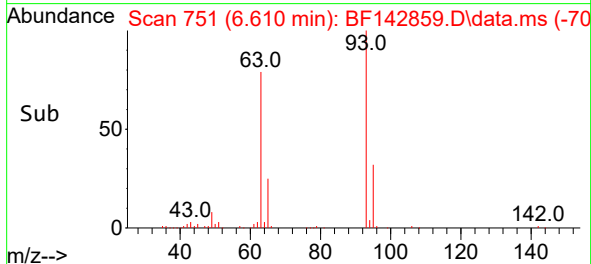
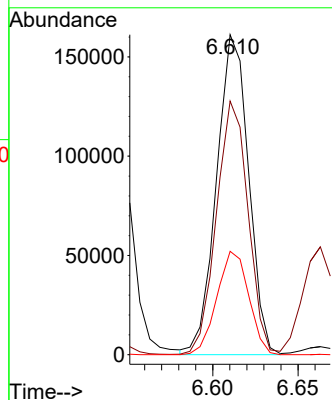
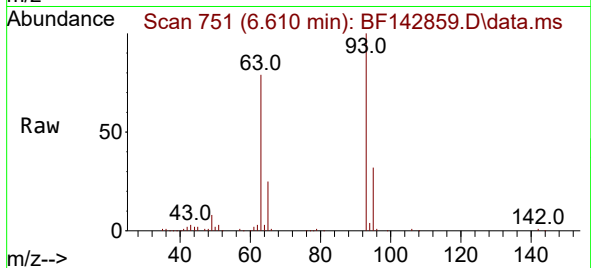
ClientSampleId :

PB168610BS

Tgt Ion: 93 Resp: 210938
Ion Ratio Lower Upper
93 100
63 79.2 60.3 100.3
95 32.3 12.5 52.5

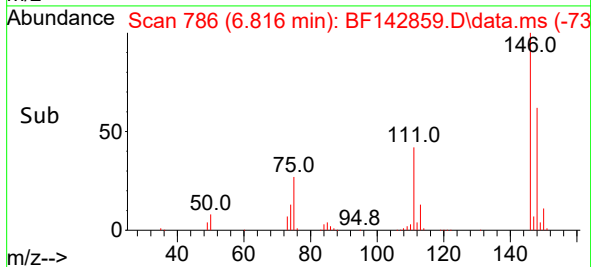
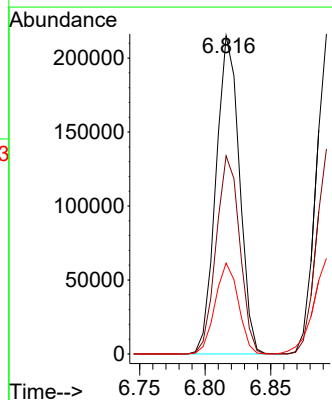
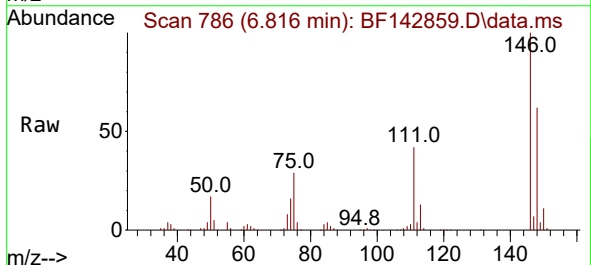
Manual Integrations
APPROVED

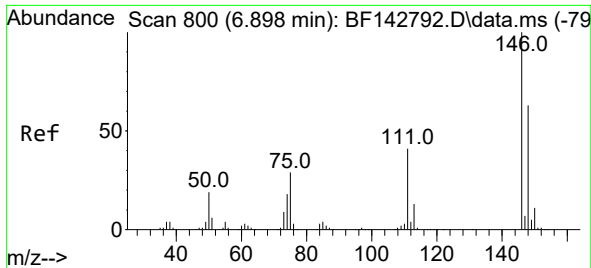
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#12
1,3-Dichlorobenzene
Concen: 41.192 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

Tgt Ion:146 Resp: 267161
Ion Ratio Lower Upper
146 100
148 62.3 51.1 76.7
75 28.6 22.7 34.1





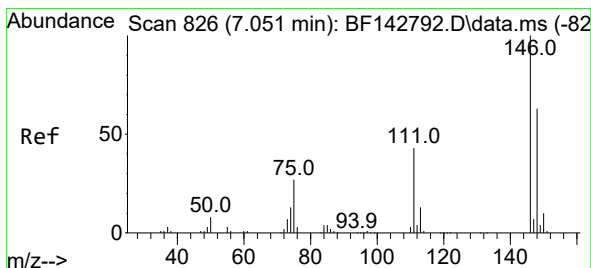
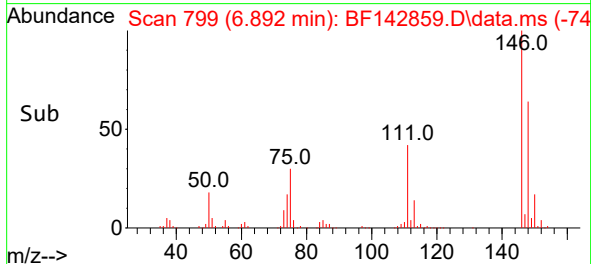
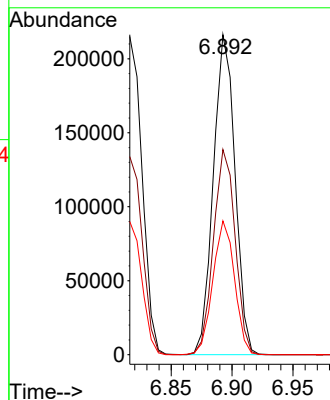
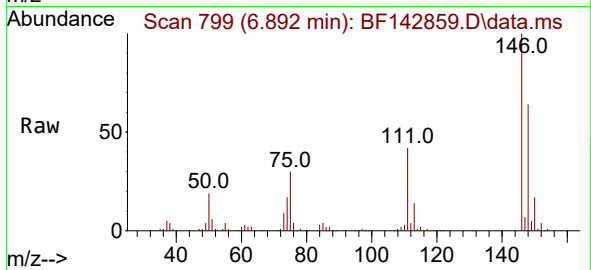
#13
1,4-Dichlorobenzene
Concen: 40.990 ng
RT: 6.892 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

Instrument :
BNA_F
ClientSampleId :
PB168610BS

Tgt Ion:146 Resp: 26822
Ion Ratio Lower Upper
146 100
148 64.1 50.2 75.2
111 41.8 33.2 49.8

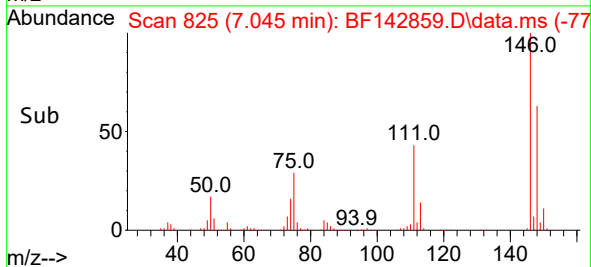
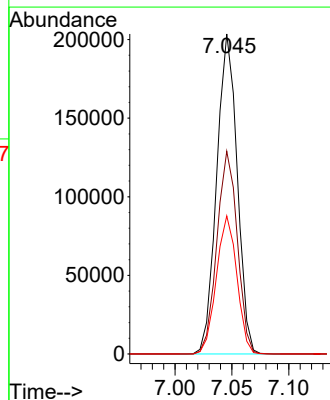
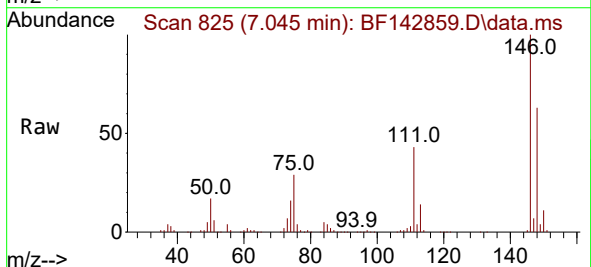
Manual Integrations
APPROVED

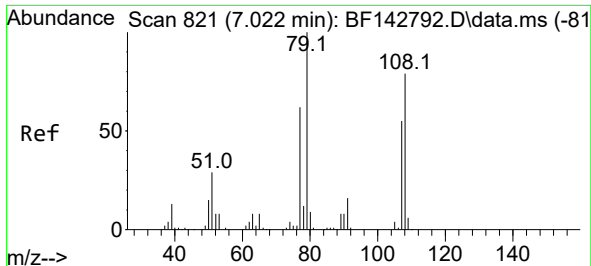
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#14
1,2-Dichlorobenzene
Concen: 41.200 ng
RT: 7.045 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

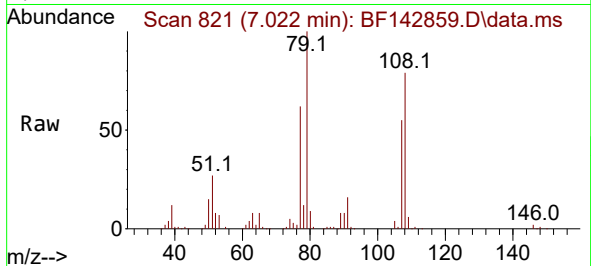
Tgt Ion:146 Resp: 255708
Ion Ratio Lower Upper
146 100
148 63.3 50.4 75.6
111 43.1 34.1 51.1





#15
Benzyl Alcohol
Concen: 42.955 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

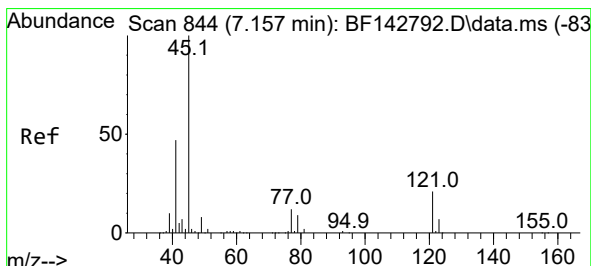
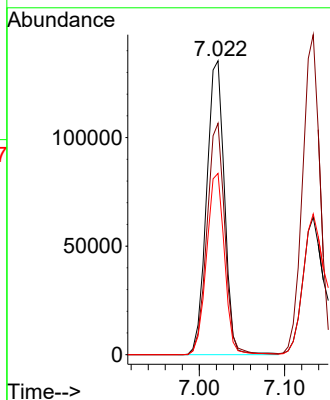
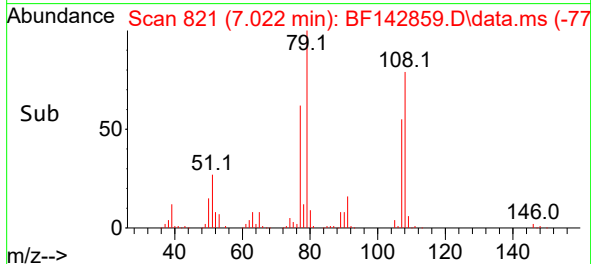
Instrument :
BNA_F
ClientSampleId :
PB168610BS



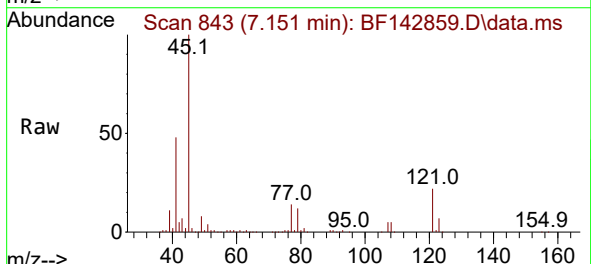
Tgt Ion: 79 Resp: 19696
Ion Ratio Lower Upper
79 100
108 78.7 63.4 95.0
77 61.7 49.5 74.3

Manual Integrations
APPROVED

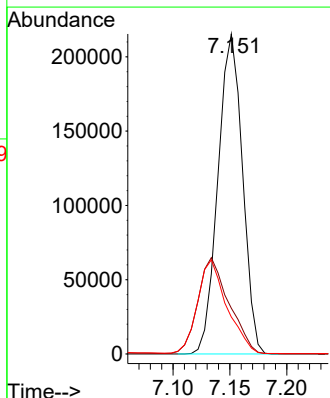
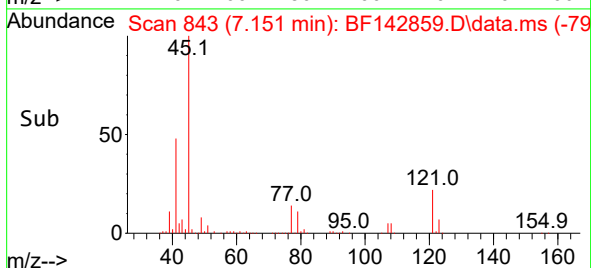
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

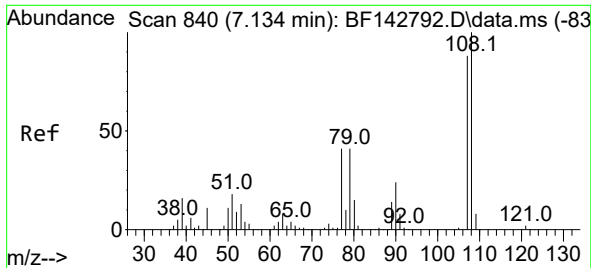


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.927 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38



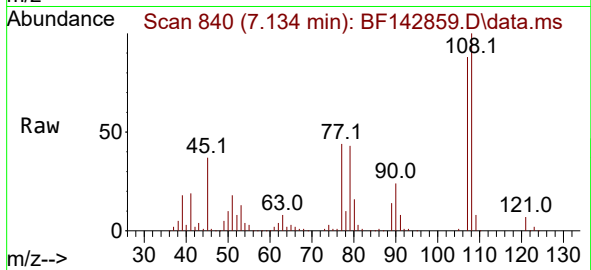
Tgt Ion: 45 Resp: 323245
Ion Ratio Lower Upper
45 100
77 14.3 0.0 32.8
79 11.5 0.0 29.8





#17
2-Methylphenol
Concen: 42.351 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

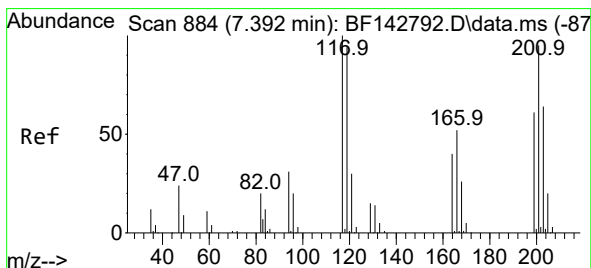
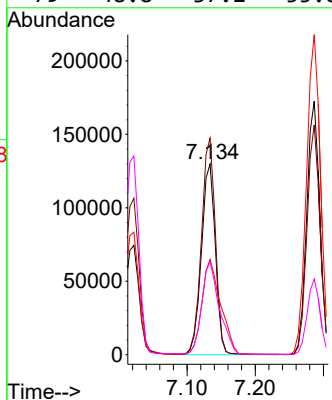
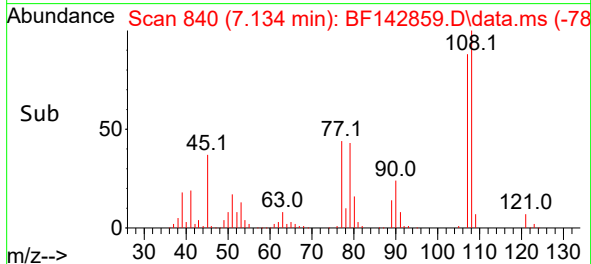
Instrument :
BNA_F
ClientSampleId :
PB168610BS



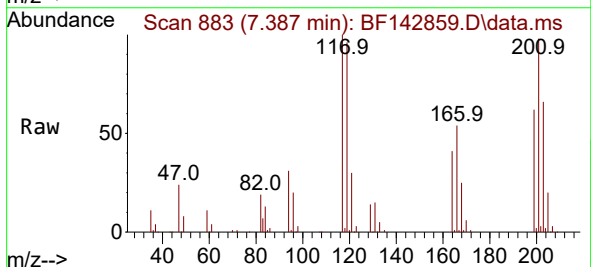
Tgt Ion:107 Resp: 18612
Ion Ratio Lower Upper
107 100
108 113.5 90.9 136.3
77 49.9 37.3 55.9
79 48.8 37.2 55.8

Manual Integrations
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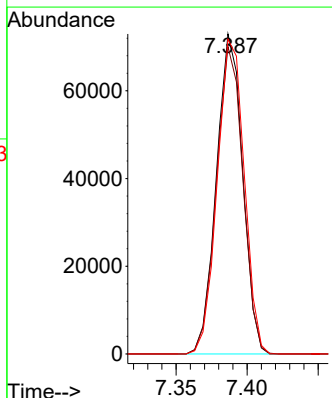
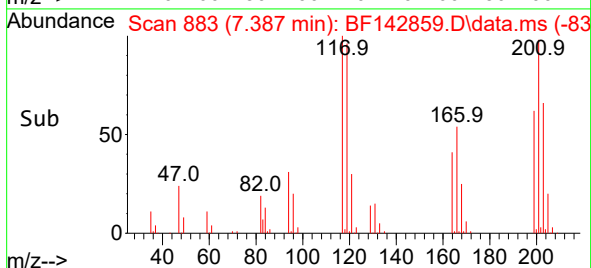
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

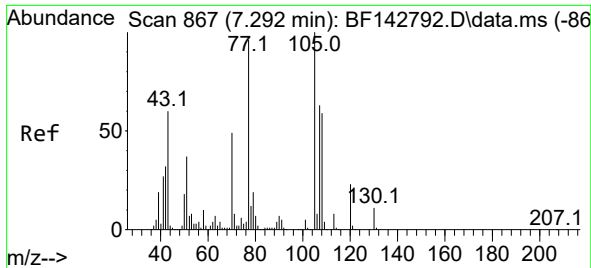


#18
Hexachloroethane
Concen: 40.967 ng
RT: 7.387 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38



Tgt Ion:117 Resp: 93765
Ion Ratio Lower Upper
117 100
119 96.0 75.4 113.0
201 98.3 75.9 113.9





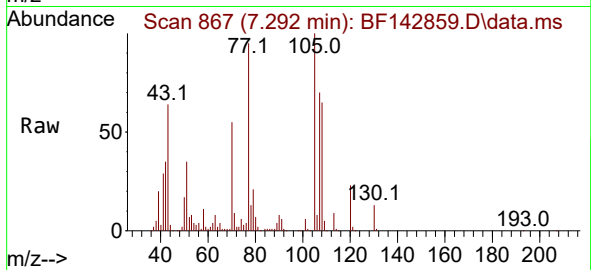
#19
n-Nitroso-di-n-propylamine
Concen: 42.117 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

Instrument :

BNA_F

ClientSampleId :

PB168610BS



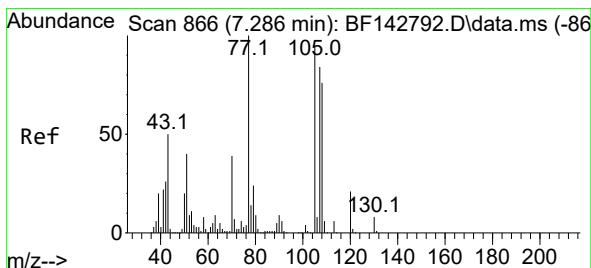
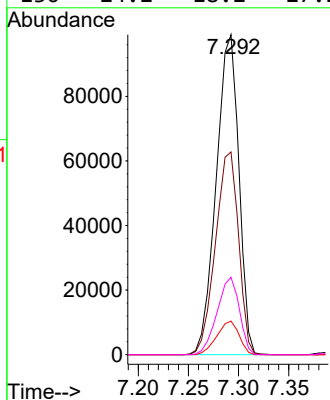
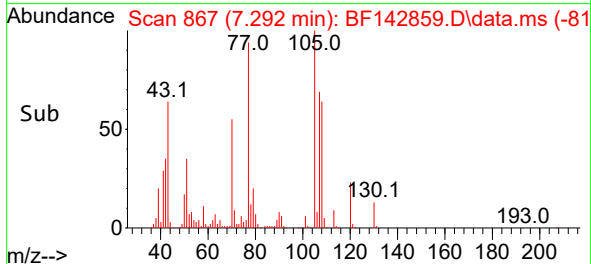
Tgt Ion: 70 Resp: 155360
Ion Ratio Lower Upper
70 100
42 63.3 52.1 78.1
101 10.5 8.2 12.2
130 24.2 18.2 27.2

Manual Integrations

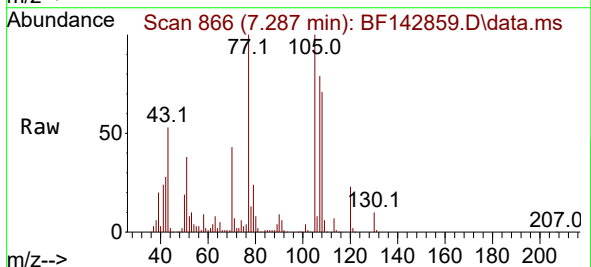
APPROVED

Reviewed By :Rahul Chavli 06/27/2025

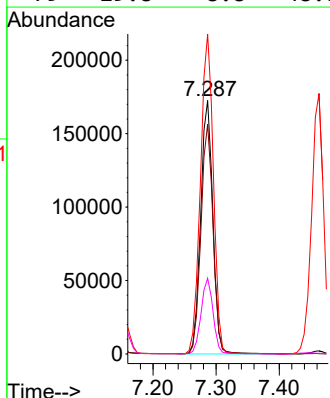
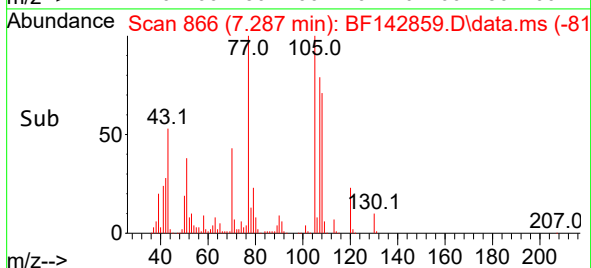
Supervised By :Jagrut Upadhyay 06/27/2025



#20
3+4-Methylphenols
Concen: 42.372 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38



Tgt Ion:107 Resp: 232177
Ion Ratio Lower Upper
107 100
108 90.6 70.0 110.0
77 126.3 98.5 138.5
79 29.8 8.8 48.8





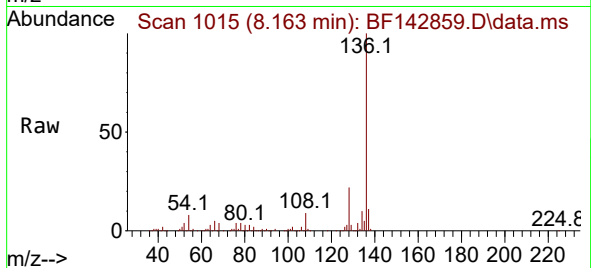
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

Instrument :

BNA_F

ClientSampleId :

PB168610BS



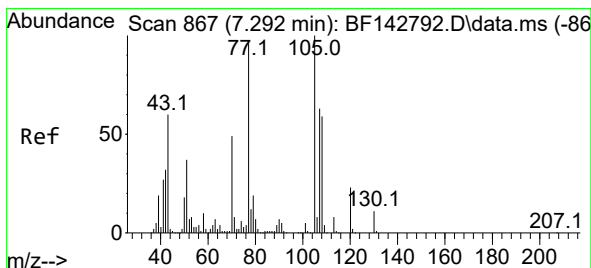
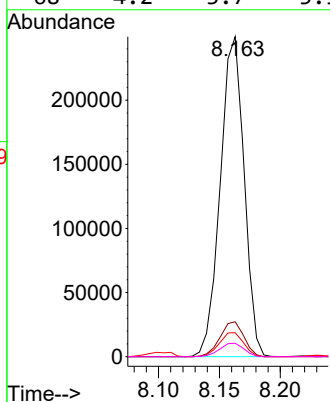
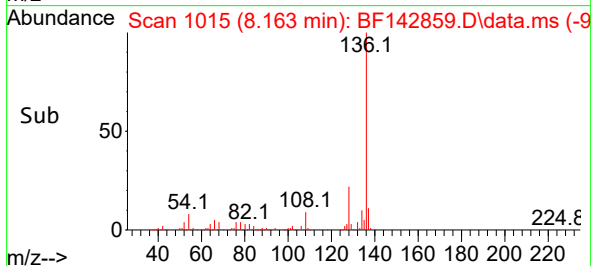
Tgt Ion:136 Resp: 339768
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.5 6.3 9.5
68 4.2 3.7 5.5

Manual Integrations

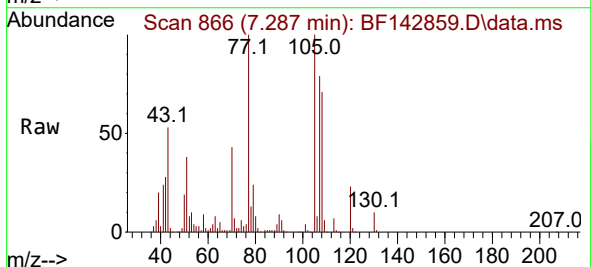
APPROVED

Reviewed By :Rahul Chavli 06/27/2025

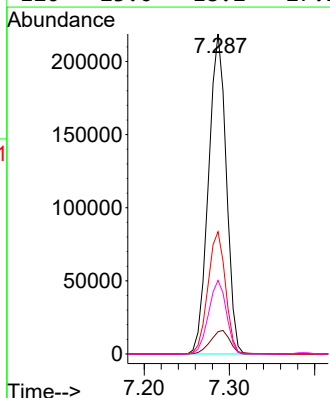
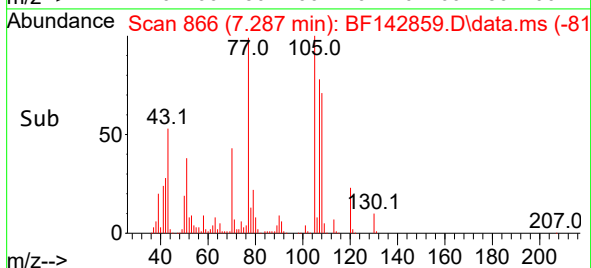
Supervised By :Jagrut Upadhyay 06/27/2025

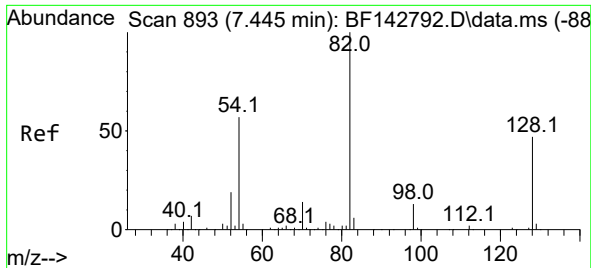


#22
Acetophenone
Concen: 42.392 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38



Tgt Ion:105 Resp: 317620
Ion Ratio Lower Upper
105 100
71 7.0 6.5 9.7
51 38.2 29.8 44.8
120 23.0 18.2 27.2





#23

Nitrobenzene-d5

Concen: 75.845 ng

RT: 7.445 min Scan# 893

Delta R.T. 0.000 min

Lab File: BF142859.D

Acq: 26 Jun 2025 10:38

Instrument :

BNA_F

ClientSampleId :

PB168610BS

Tgt Ion: 82 Resp: 469814

Ion Ratio Lower Upper

82 100

128 48.9 37.7 56.5

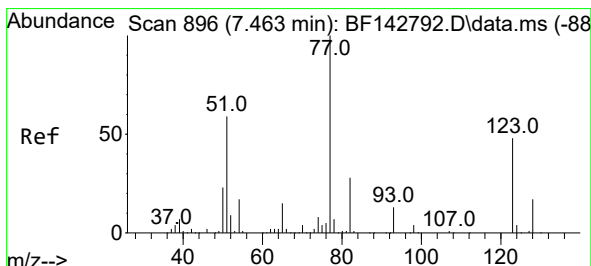
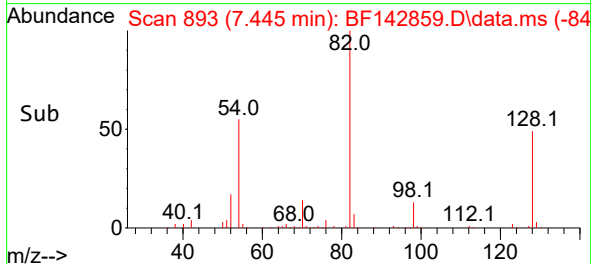
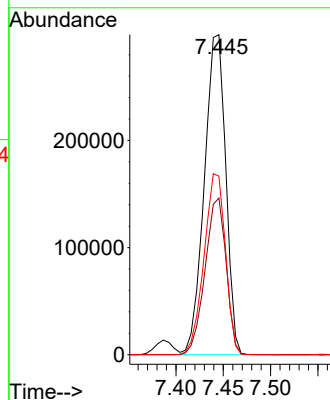
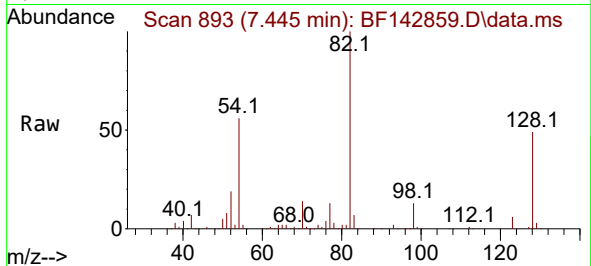
54 55.8 45.7 68.5

Manual Integrations

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Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#24

Nitrobenzene

Concen: 41.730 ng

RT: 7.463 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF142859.D

Acq: 26 Jun 2025 10:38

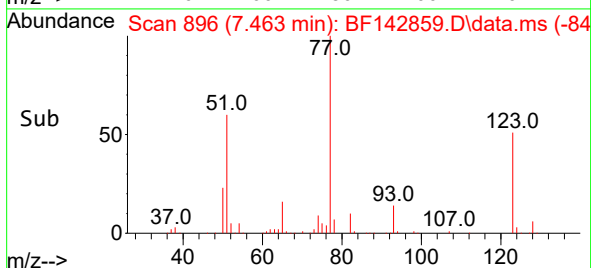
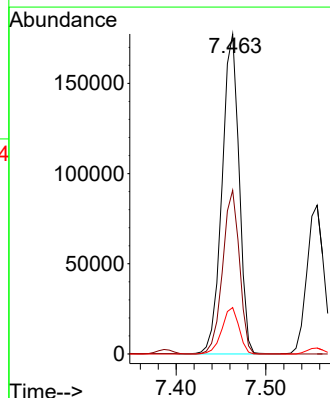
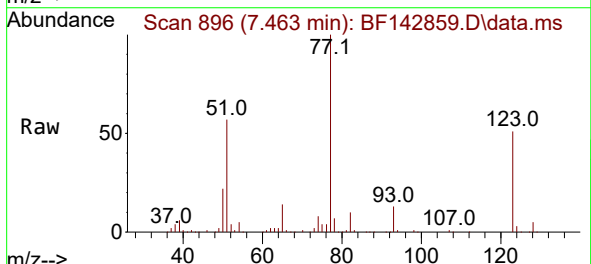
Tgt Ion: 77 Resp: 233963

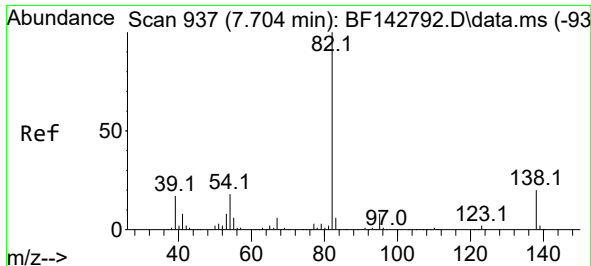
Ion Ratio Lower Upper

77 100

123 51.1 39.2 58.8

65 14.5 11.6 17.4





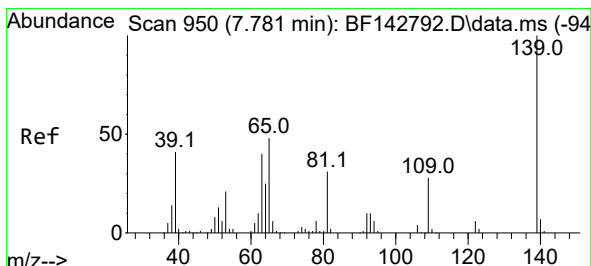
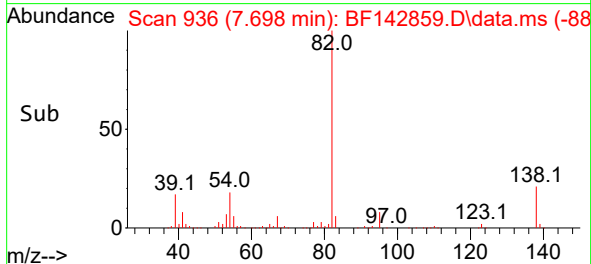
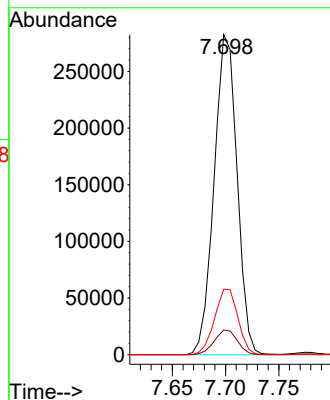
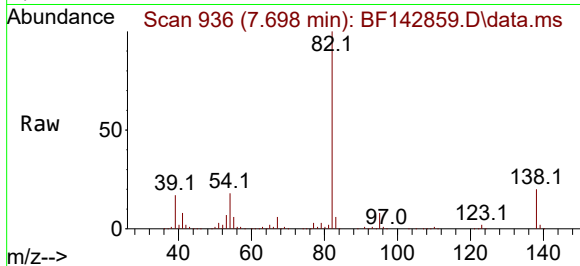
#25
Isophorone
Concen: 42.604 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

Instrument :
BNA_F
ClientSampleId :
PB168610BS

Tgt Ion: 82 Resp: 42334
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.2
138 20.5 16.2 24.4

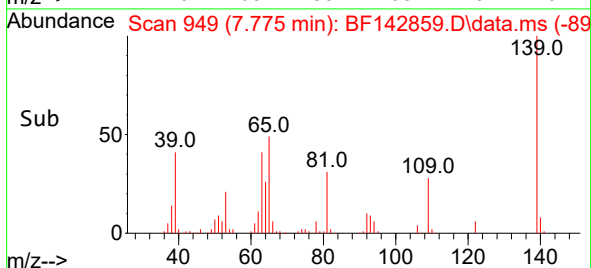
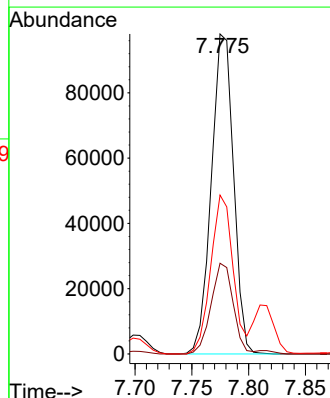
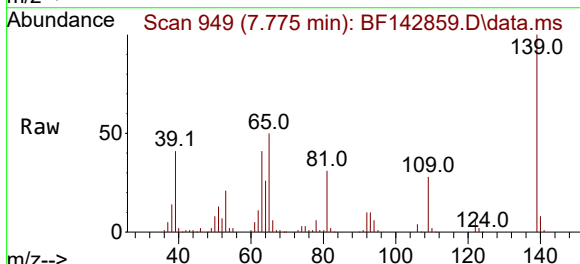
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#26
2-Nitrophenol
Concen: 43.671 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

Tgt Ion:139 Resp: 133377
Ion Ratio Lower Upper
139 100
109 28.3 22.7 34.1
65 49.6 38.6 58.0





#27
2,4-Dimethylphenol
Concen: 41.775 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

Instrument :

BNA_F

ClientSampleId :

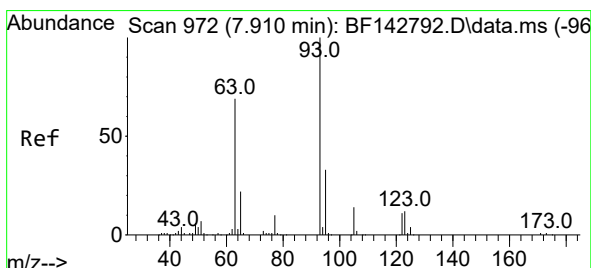
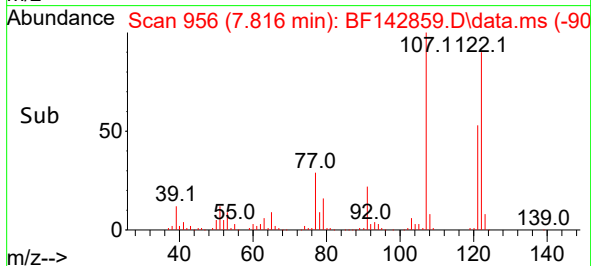
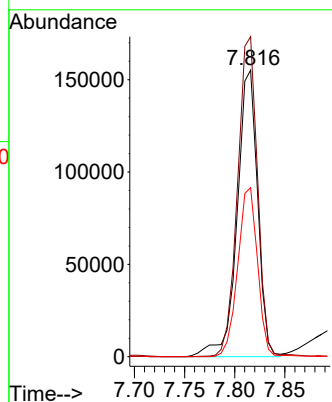
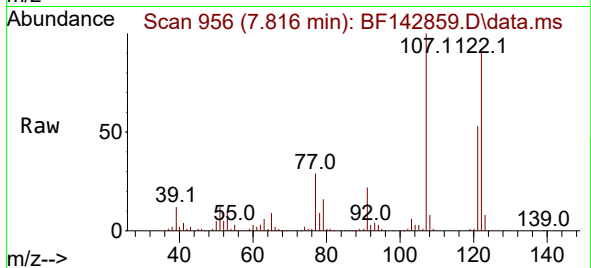
PB168610BS

Tgt Ion:122 Resp: 22100
Ion Ratio Lower Upper
122 100
107 111.7 88.0 132.0
121 59.0 46.3 69.5

Manual Integrations

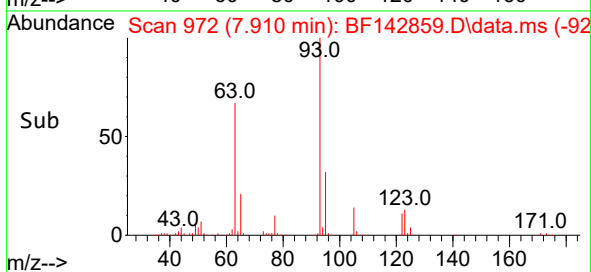
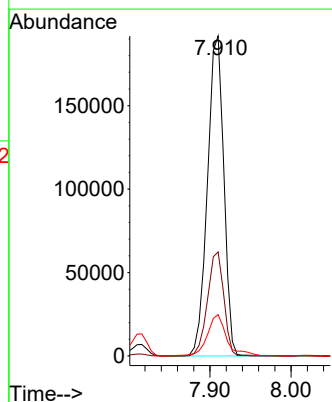
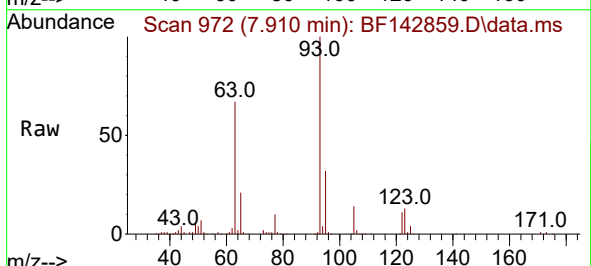
APPROVED

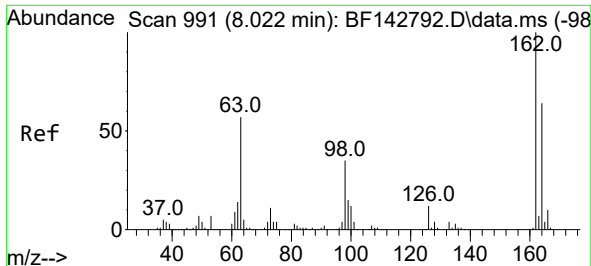
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#28
bis(2-Chloroethoxy)methane
Concen: 42.468 ng
RT: 7.910 min Scan# 972
Delta R.T. 0.000 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

Tgt Ion: 93 Resp: 268288
Ion Ratio Lower Upper
93 100
95 32.5 26.2 39.2
123 12.9 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 42.953 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF142859.D

Acq: 26 Jun 2025 10:38

Instrument :

BNA_F

ClientSampleId :

PB168610BS

Tgt Ion:162 Resp: 206030

Ion Ratio Lower Upper

162 100

164 63.3 44.0 84.0

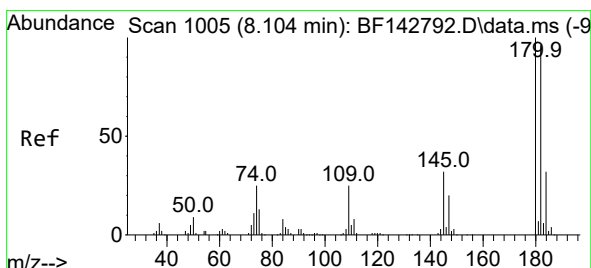
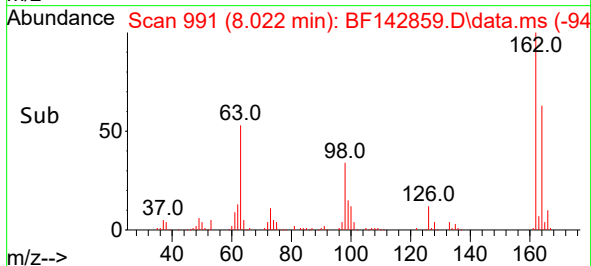
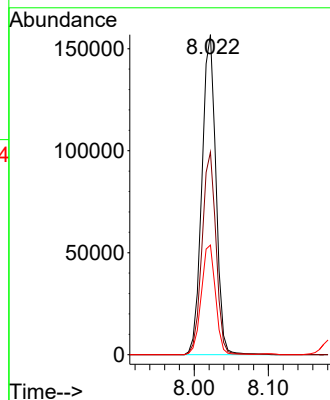
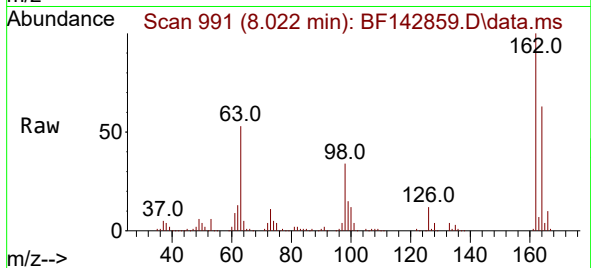
98 34.2 15.4 55.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#30

1,2,4-Trichlorobenzene

Concen: 41.551 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF142859.D

Acq: 26 Jun 2025 10:38

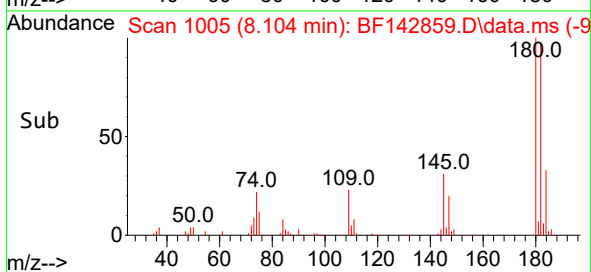
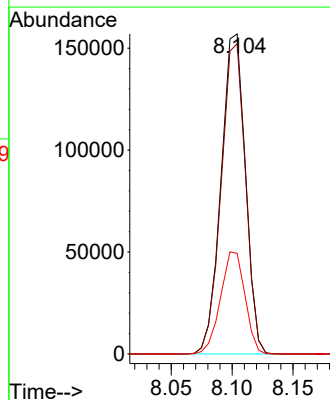
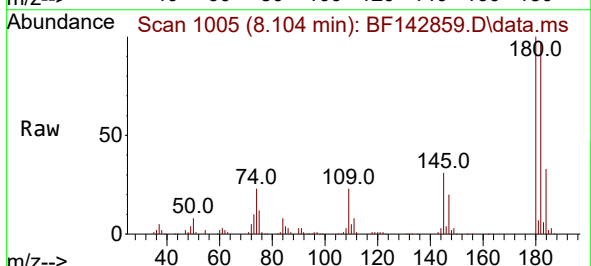
Tgt Ion:180 Resp: 219165

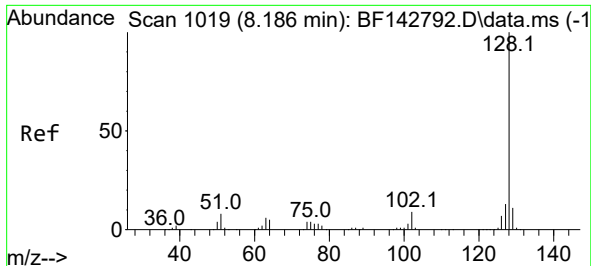
Ion Ratio Lower Upper

180 100

182 96.9 76.4 114.6

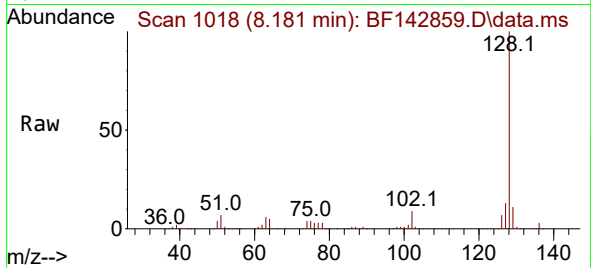
145 31.4 25.8 38.8





#31
Naphthalene
Concen: 42.380 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

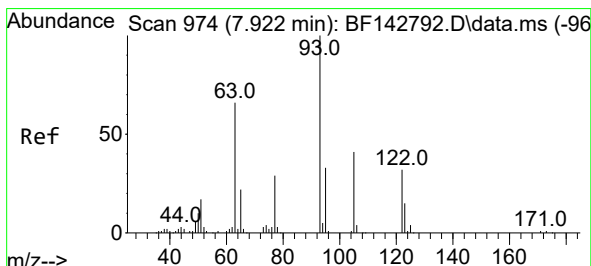
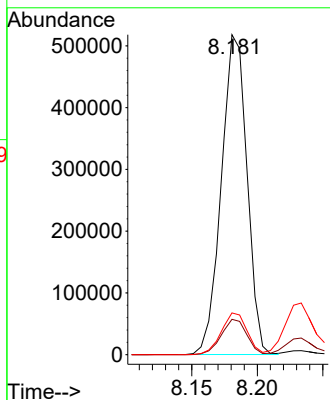
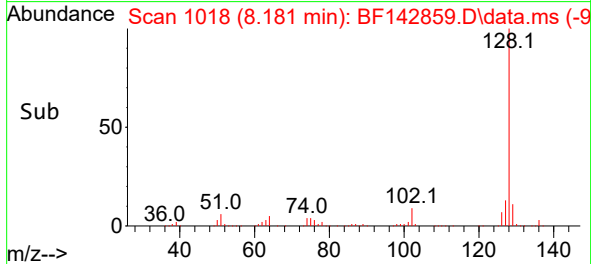
Instrument :
BNA_F
ClientSampleId :
PB168610BS



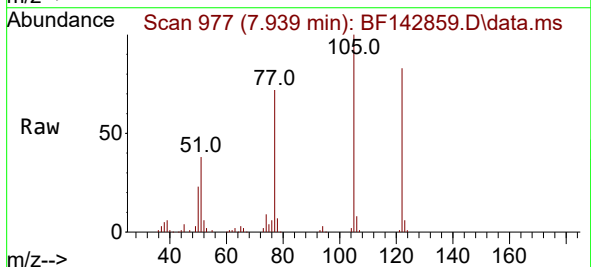
Tgt Ion:128 Resp: 70482
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.0 10.4 15.6

Manual Integrations
APPROVED

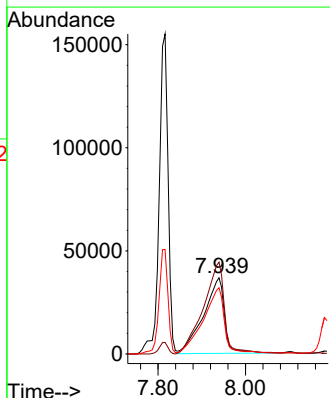
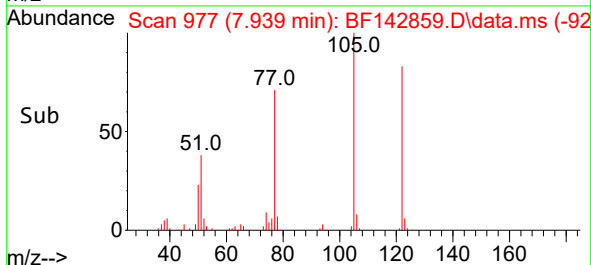
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

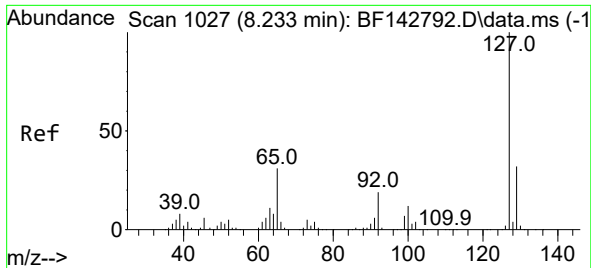


#32
Benzoic acid
Concen: 45.760 ng
RT: 7.939 min Scan# 977
Delta R.T. 0.018 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38



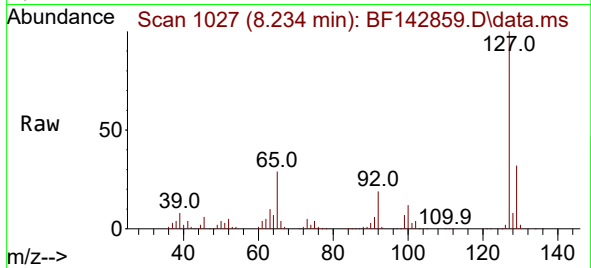
Tgt Ion:122 Resp: 123386
Ion Ratio Lower Upper
122 100
105 120.6 104.7 144.7
77 86.9 70.2 110.2





#33
4-Chloroaniline
Concen: 21.344 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

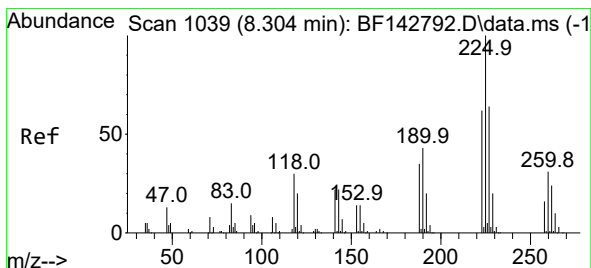
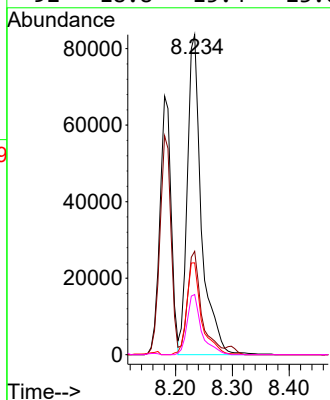
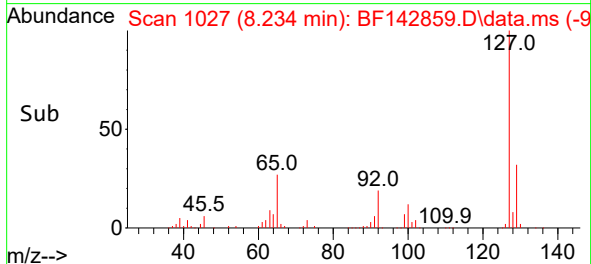
Instrument :
BNA_F
ClientSampleId :
PB168610BS



Tgt Ion:127 Resp: 144339
Ion Ratio Lower Upper
127 100
129 32.3 25.9 38.9
65 28.7 24.6 36.8
92 18.8 15.4 23.0

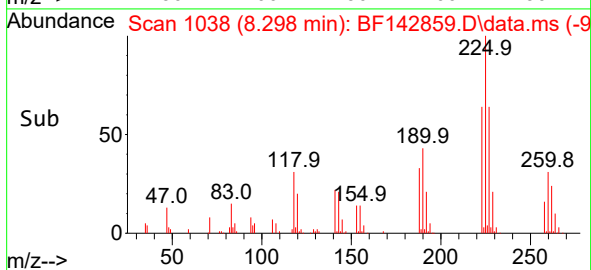
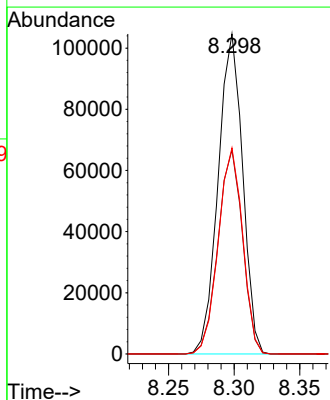
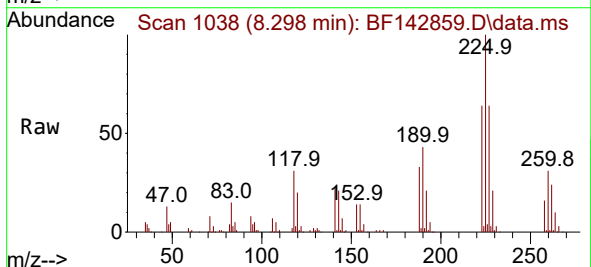
Manual Integrations
APPROVED

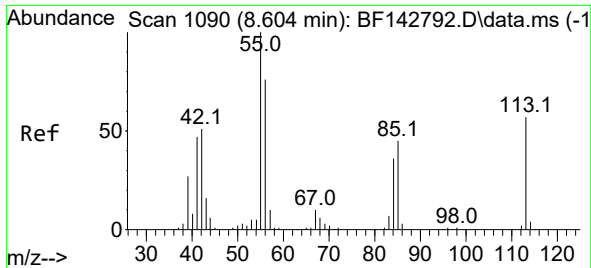
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#34
Hexachlorobutadiene
Concen: 42.085 ng
RT: 8.298 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

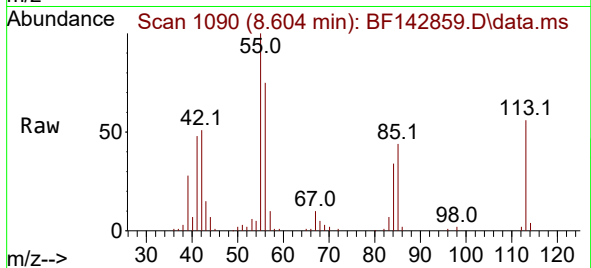
Tgt Ion:225 Resp: 135783
Ion Ratio Lower Upper
225 100
223 63.8 49.9 74.9
227 64.4 51.4 77.0





#35
Caprolactam
Concen: 51.048 ng m
RT: 8.604 min Scan# 1090
Delta R.T. 0.000 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

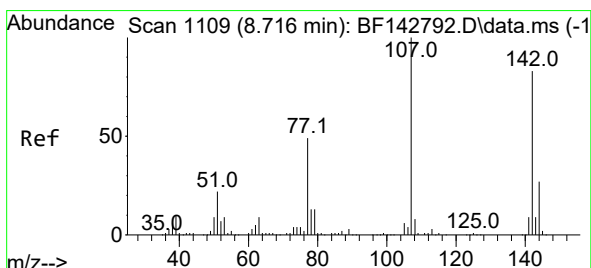
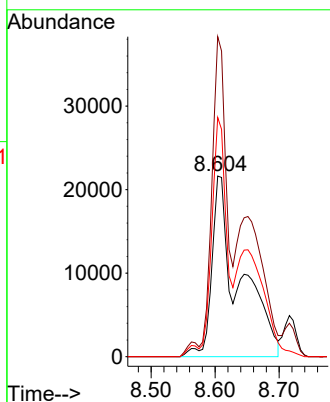
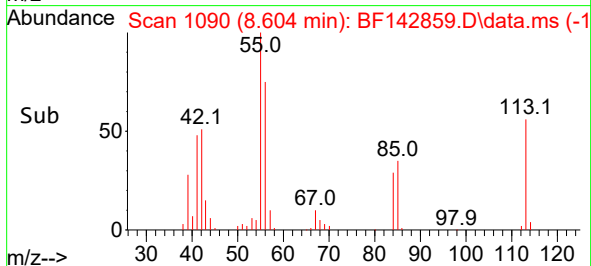
Instrument :
BNA_F
ClientSampleId :
PB168610BS



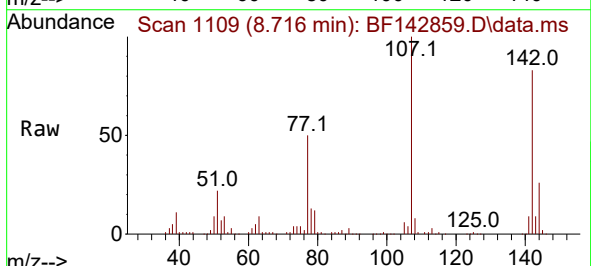
Tgt Ion:113 Resp: 6461
Ion Ratio Lower Upper
113 100
55 177.1 154.4 194.4
56 132.4 112.1 152.1

Manual Integrations
APPROVED

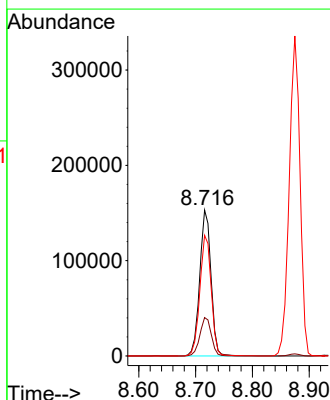
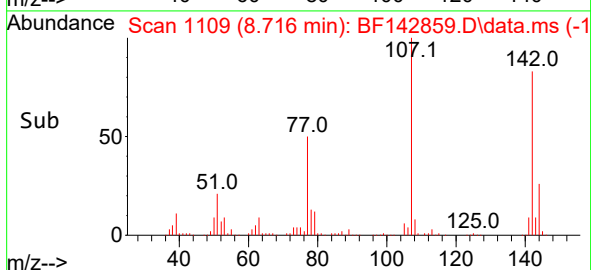
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

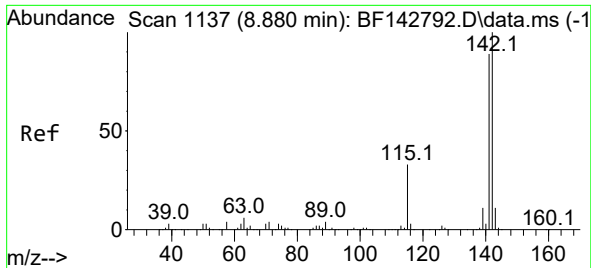


#36
4-Chloro-3-methylphenol
Concen: 44.423 ng
RT: 8.716 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38



Tgt Ion:107 Resp: 211772
Ion Ratio Lower Upper
107 100
144 26.3 21.3 31.9
142 82.6 66.6 100.0





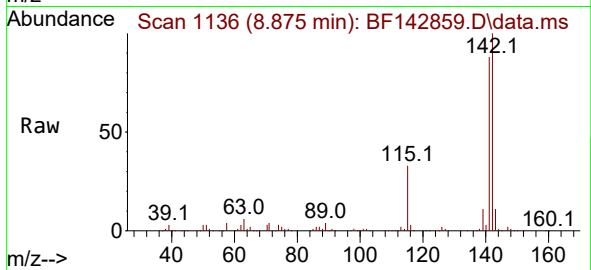
#37
2-Methylnaphthalene
Concen: 42.803 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

Instrument :

BNA_F

ClientSampleId :

PB168610BS

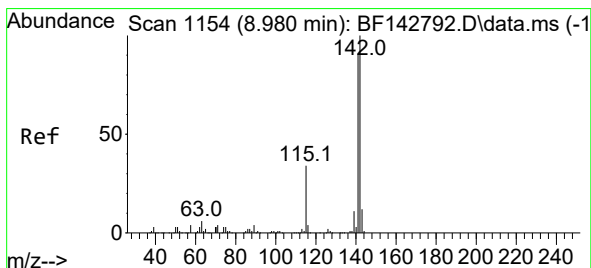
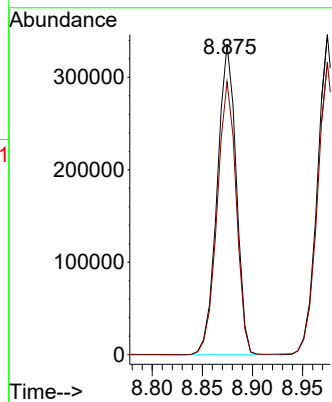
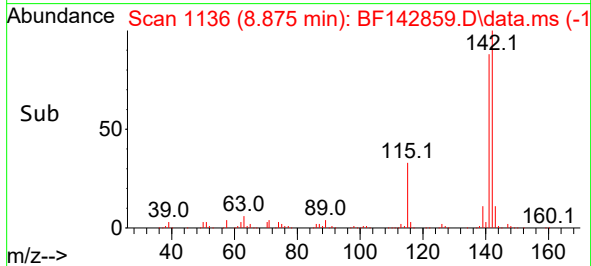


Tgt Ion:142 Resp: 44132
Ion Ratio Lower Upper
142 100
141 88.0 70.9 106.3

Manual Integrations

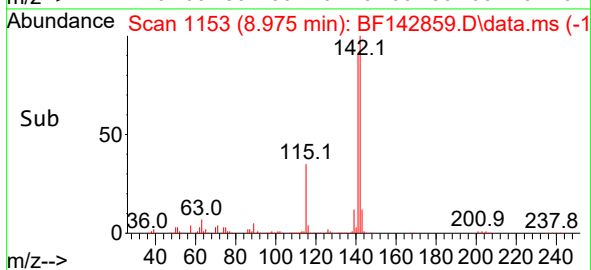
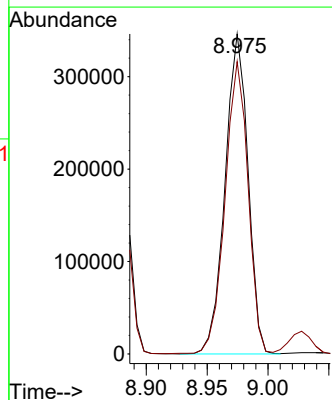
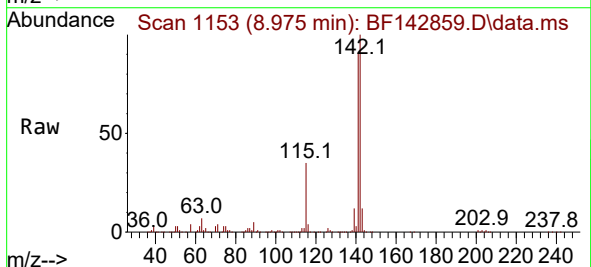
APPROVED

Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#38
1-Methylnaphthalene
Concen: 42.533 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

Tgt Ion:142 Resp: 453974
Ion Ratio Lower Upper
142 100
141 91.3 73.0 109.4





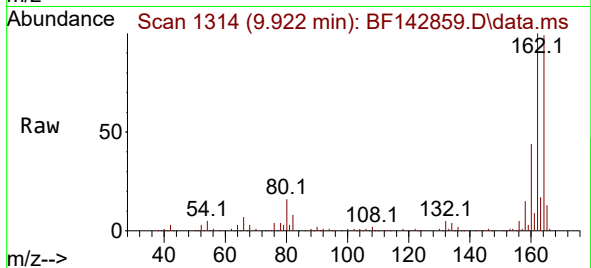
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

Instrument :

BNA_F

ClientSampleId :

PB168610BS



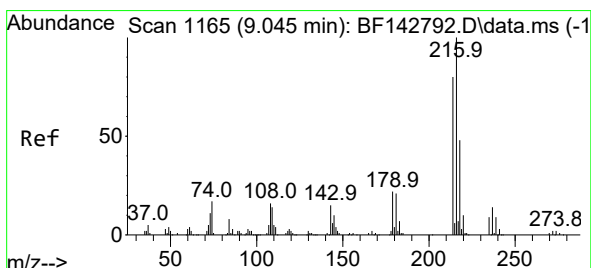
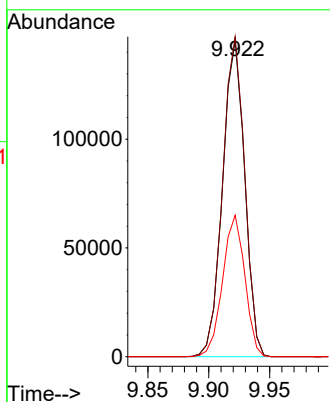
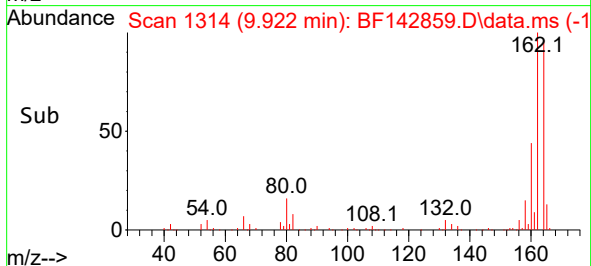
Tgt Ion:164 Resp: 183692
Ion Ratio Lower Upper
164 100
162 101.3 81.8 122.8
160 44.8 36.0 54.0

Manual Integrations

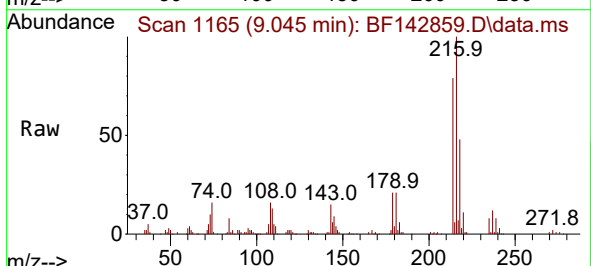
APPROVED

Reviewed By :Rahul Chavli 06/27/2025

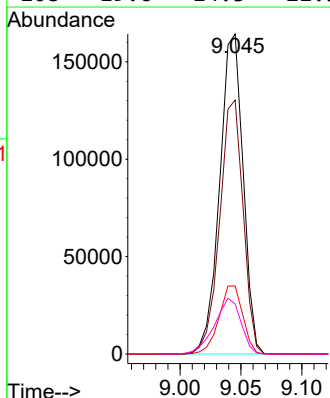
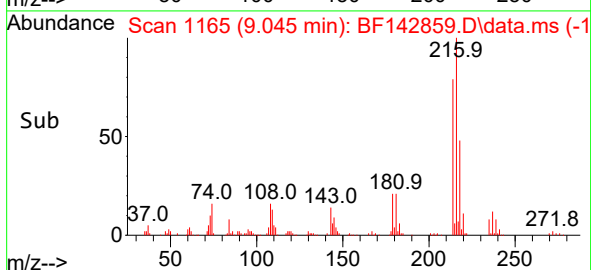
Supervised By :Jagrut Upadhyay 06/27/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.601 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38



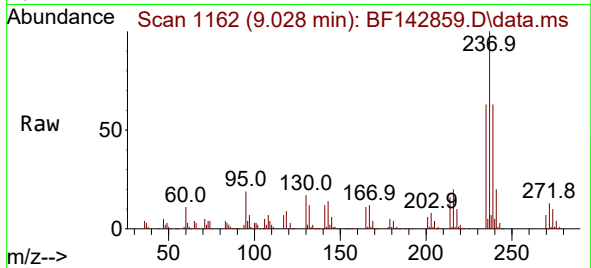
Tgt Ion:216 Resp: 220062
Ion Ratio Lower Upper
216 100
214 79.0 63.7 95.5
179 21.6 17.6 26.4
108 19.6 14.3 21.5





#41
Hexachlorocyclopentadiene
Concen: 85.950 ng
RT: 9.028 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

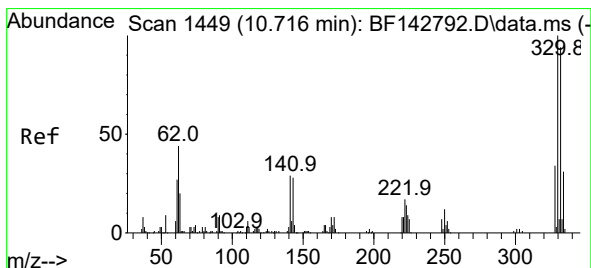
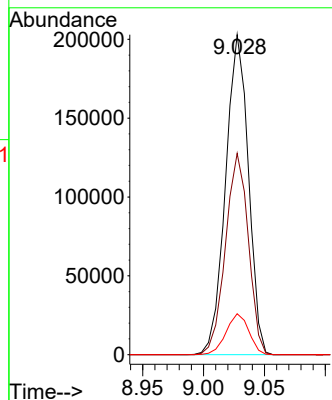
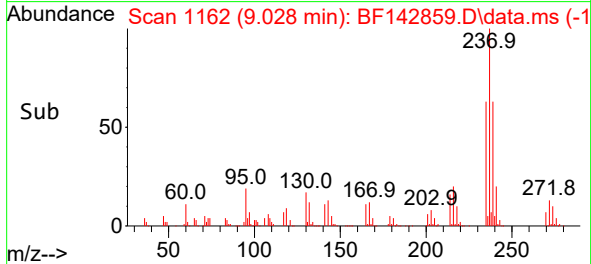
Instrument :
BNA_F
ClientSampleId :
PB168610BS



Tgt Ion:237 Resp: 26436
Ion Ratio Lower Upper
237 100
235 62.9 43.4 83.4
272 12.8 0.0 32.7

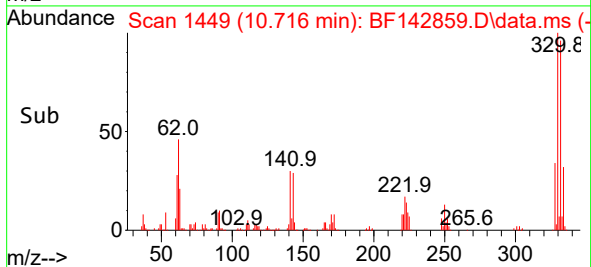
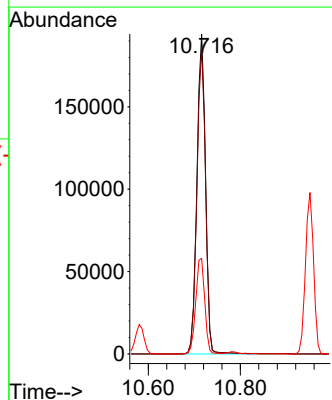
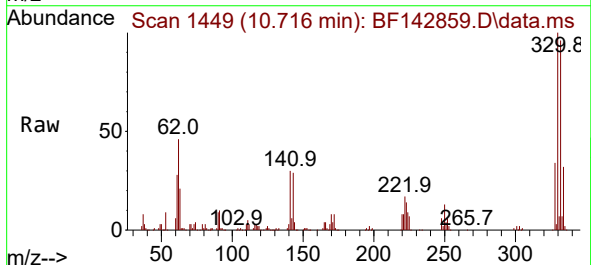
Manual Integrations
APPROVED

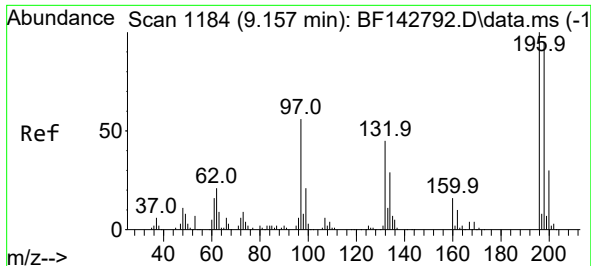
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#42
2,4,6-Tribromophenol
Concen: 132.996 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

Tgt Ion:330 Resp: 251405
Ion Ratio Lower Upper
330 100
332 95.9 75.0 112.6
141 31.3 25.3 37.9





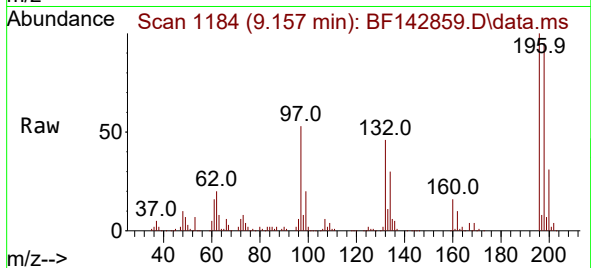
#43
2,4,6-Trichlorophenol
Concen: 41.915 ng
RT: 9.157 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

Instrument :

BNA_F

ClientSampleId :

PB168610BS



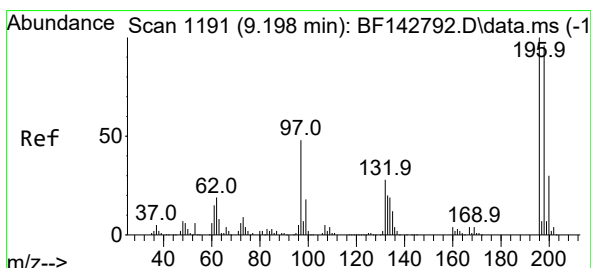
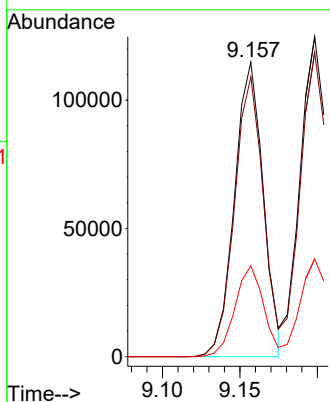
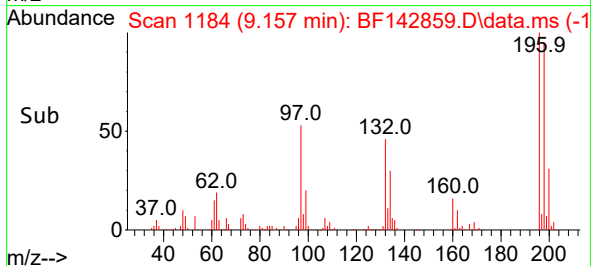
Tgt Ion:196 Resp: 148040
Ion Ratio Lower Upper
196 100
198 95.0 76.2 114.2
200 30.8 24.1 36.1

Manual Integrations

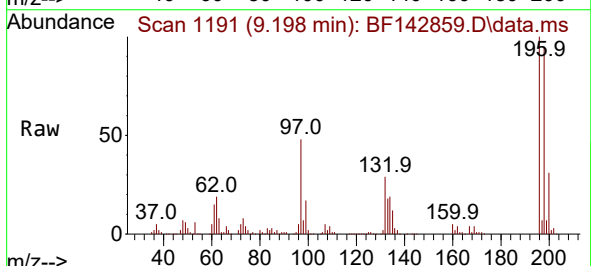
APPROVED

Reviewed By :Rahul Chavli 06/27/2025

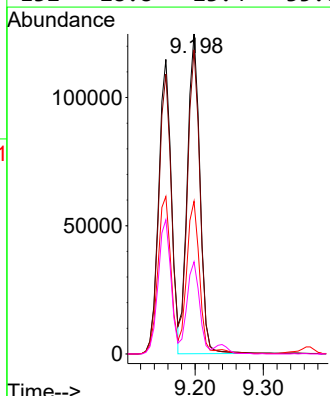
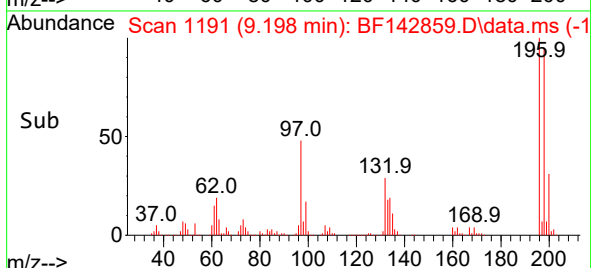
Supervised By :Jagrut Upadhyay 06/27/2025

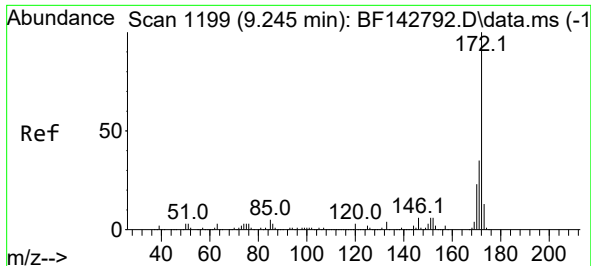


#44
2,4,5-Trichlorophenol
Concen: 42.738 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38



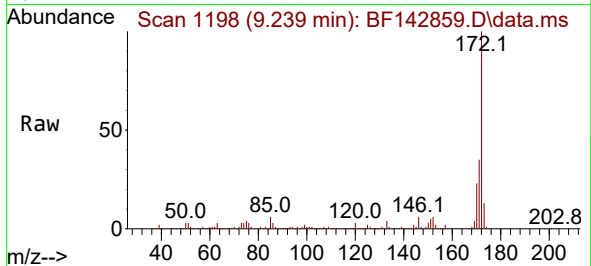
Tgt Ion:196 Resp: 158897
Ion Ratio Lower Upper
196 100
198 95.1 76.6 115.0
97 47.7 38.2 57.2
132 28.8 23.4 35.0





#45
2-Fluorobiphenyl
Concen: 73.411 ng
RT: 9.239 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

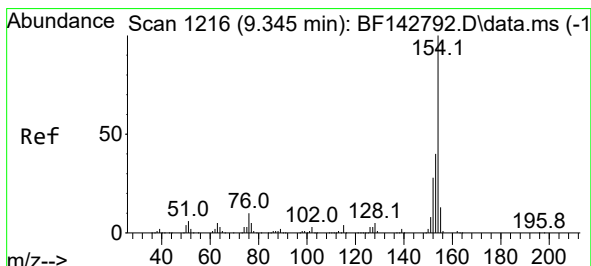
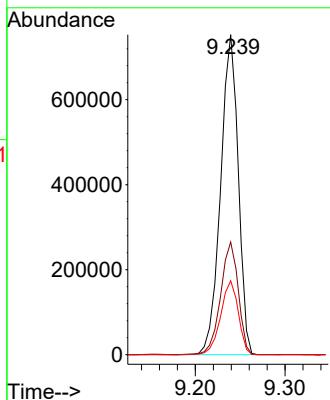
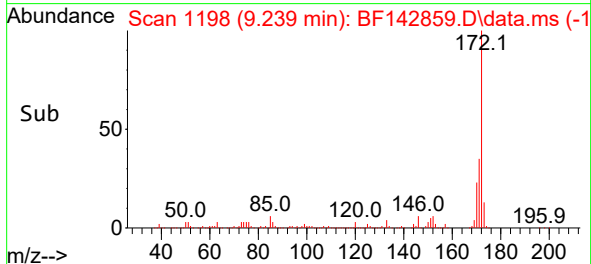
Instrument :
BNA_F
ClientSampleId :
PB168610BS



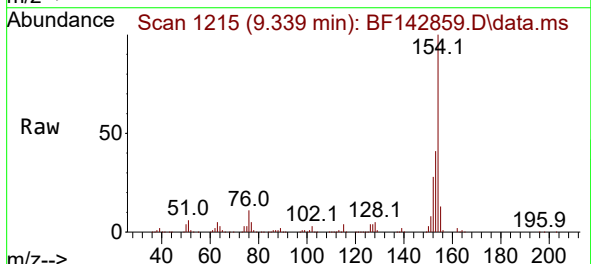
Tgt Ion:172 Resp: 1026514
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.1 18.5 27.7

Manual Integrations
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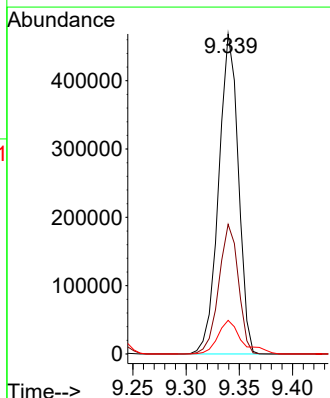
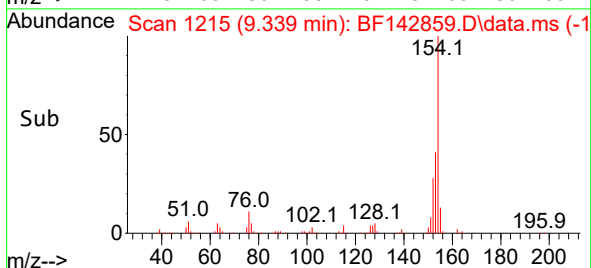
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

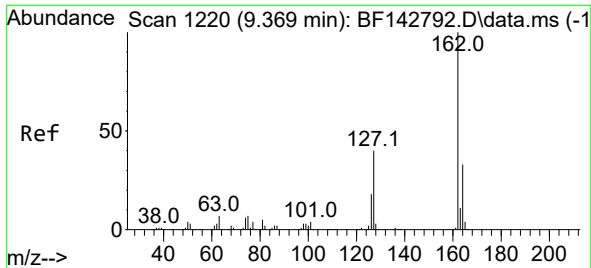


#46
1,1'-Biphenyl
Concen: 41.452 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38



Tgt Ion:154 Resp: 601501
Ion Ratio Lower Upper
154 100
153 40.5 20.3 60.3
76 10.5 0.0 30.3





#47
2-Chloronaphthalene
Concen: 41.317 ng
RT: 9.369 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

Instrument :

BNA_F

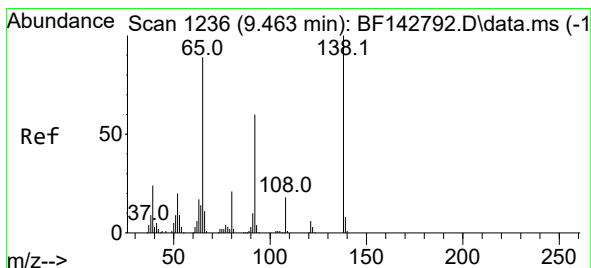
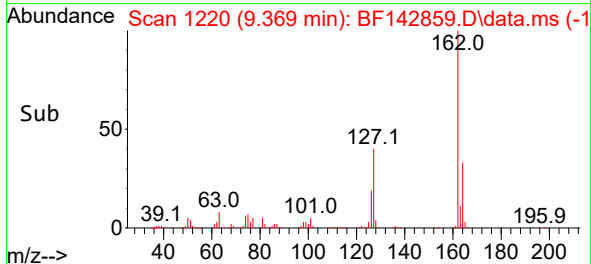
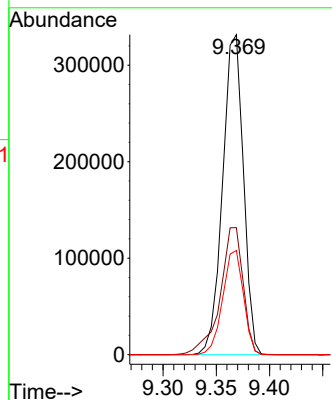
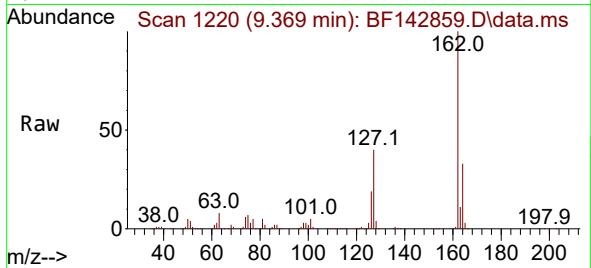
ClientSampleId :

PB168610BS

Tgt Ion:162 Resp: 449900
Ion Ratio Lower Upper
162 100
127 39.7 32.2 48.2
164 32.6 26.1 39.1

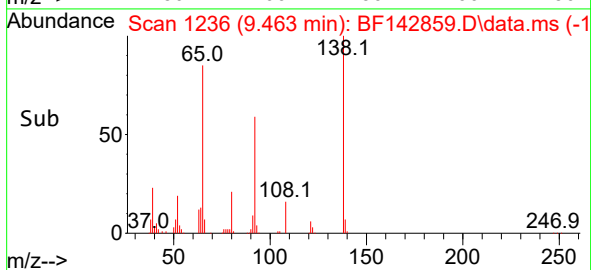
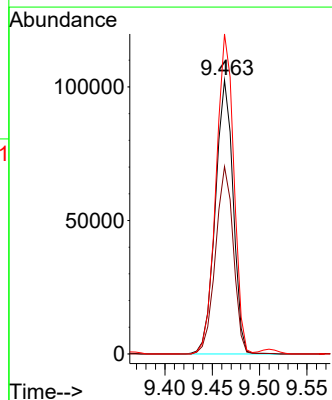
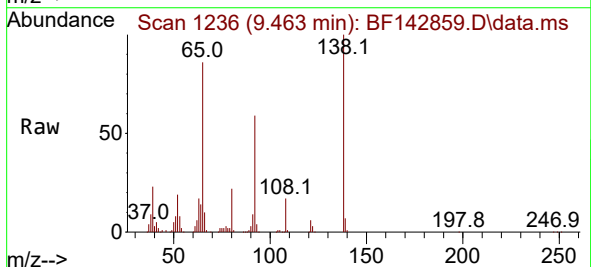
Manual Integrations
APPROVED

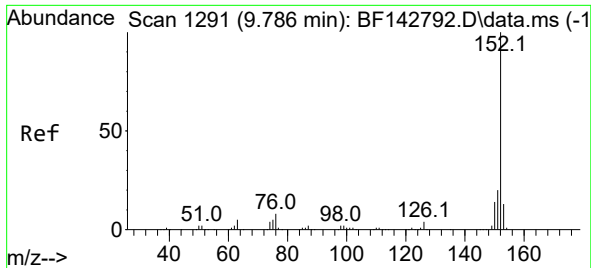
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#48
2-Nitroaniline
Concen: 43.969 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

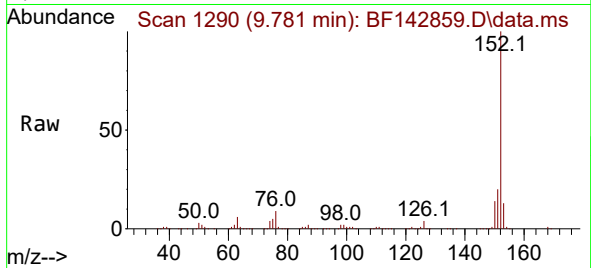
Tgt Ion: 65 Resp: 134230
Ion Ratio Lower Upper
65 100
92 68.5 53.8 80.6
138 116.9 89.6 134.4





#49
Acenaphthylene
Concen: 41.909 ng
RT: 9.781 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

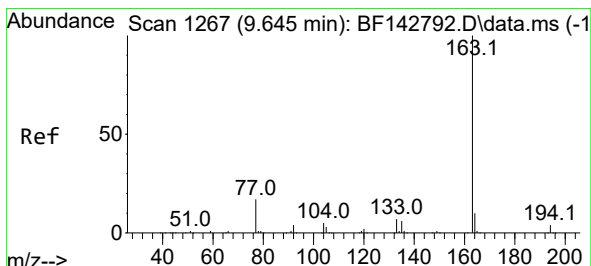
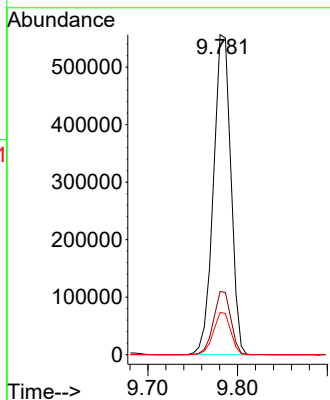
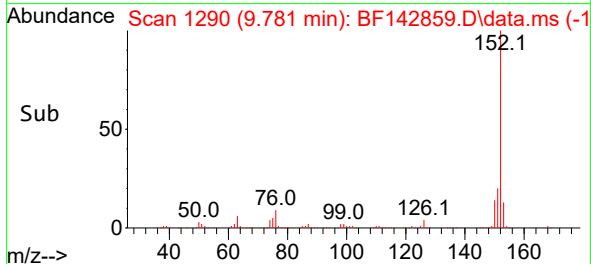
Instrument :
BNA_F
ClientSampleId :
PB168610BS



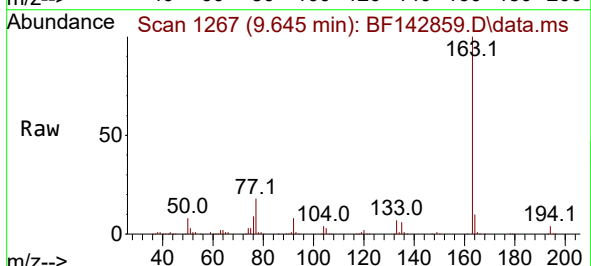
Tgt Ion:152 Resp: 751258
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.2 10.4 15.6

Manual Integrations
APPROVED

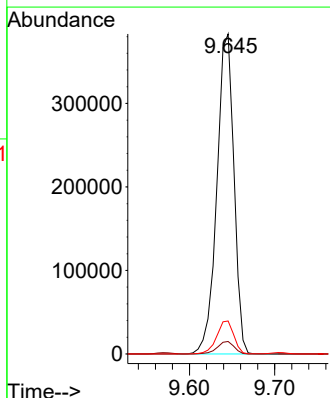
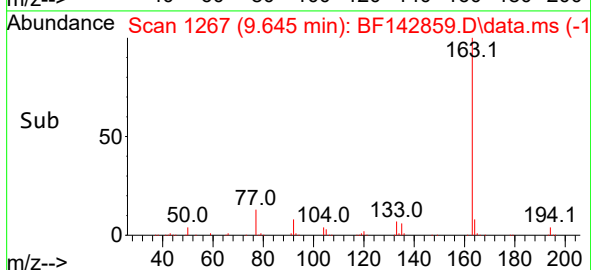
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

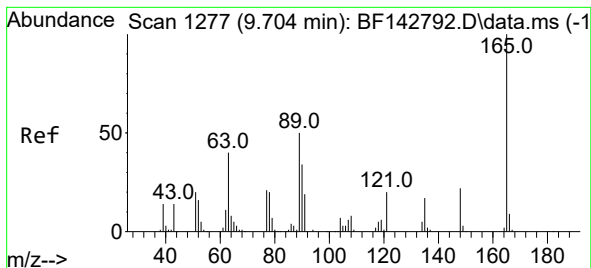


#50
Dimethylphthalate
Concen: 44.918 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38



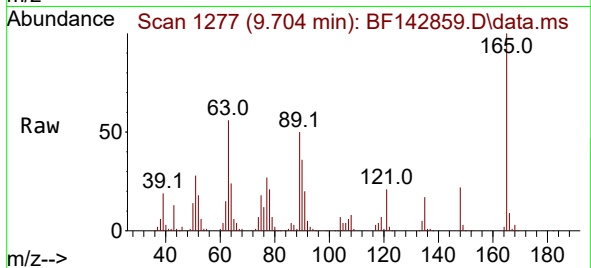
Tgt Ion:163 Resp: 534094
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.3 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 45.478 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

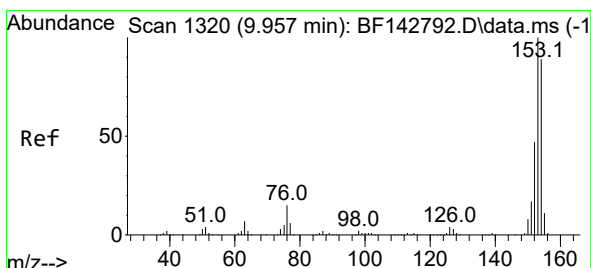
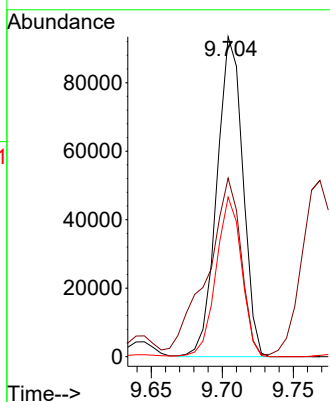
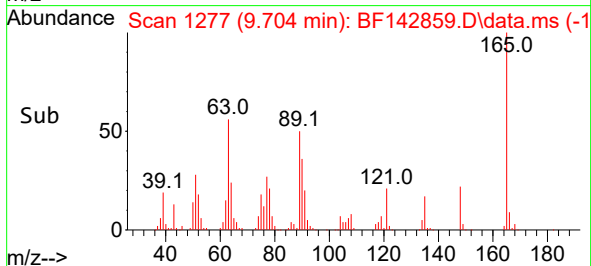
Instrument :
BNA_F
ClientSampleId :
PB168610BS



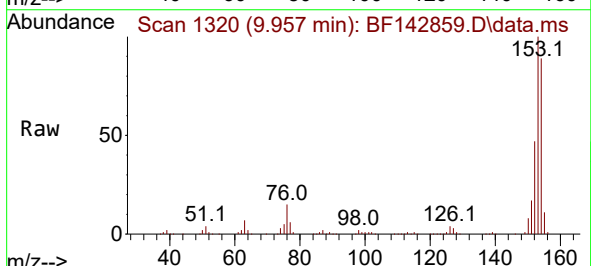
Tgt Ion:165 Resp: 118754
Ion Ratio Lower Upper
165 100
63 55.8 44.2 66.4
89 49.8 39.8 59.8

Manual Integrations
APPROVED

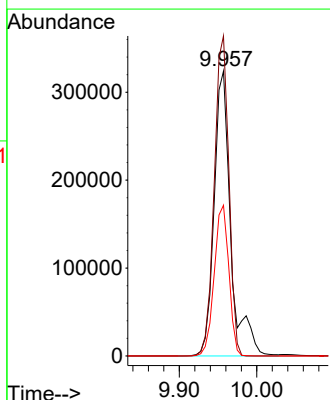
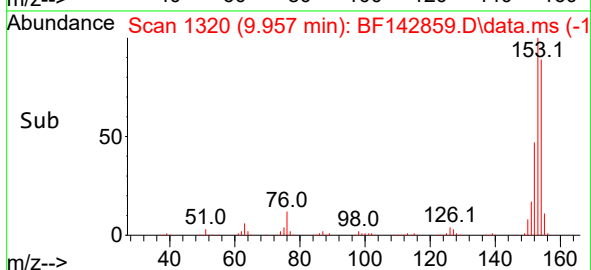
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

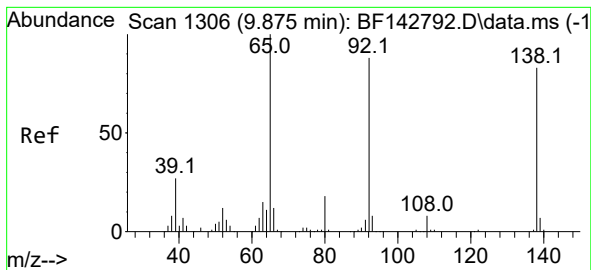


#52
Acenaphthene
Concen: 44.279 ng
RT: 9.957 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38



Tgt Ion:154 Resp: 484278
Ion Ratio Lower Upper
154 100
153 112.3 90.0 135.0
152 52.9 41.9 62.9





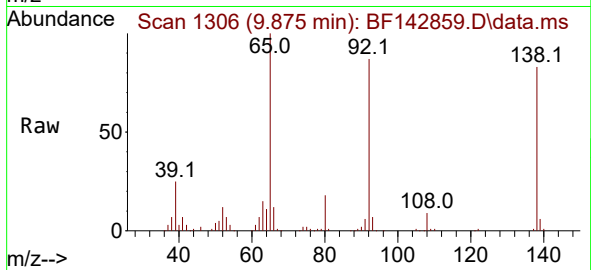
#53
3-Nitroaniline
Concen: 27.956 ng
RT: 9.875 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

Instrument :

BNA_F

ClientSampleId :

PB168610BS



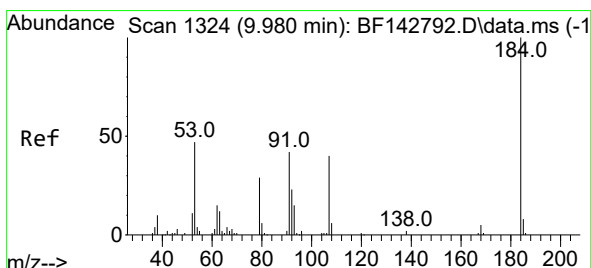
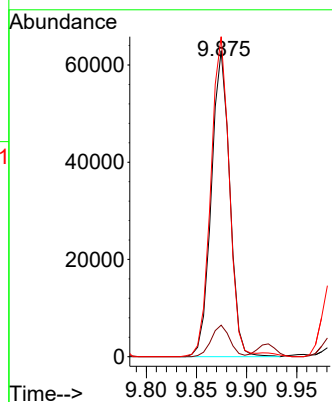
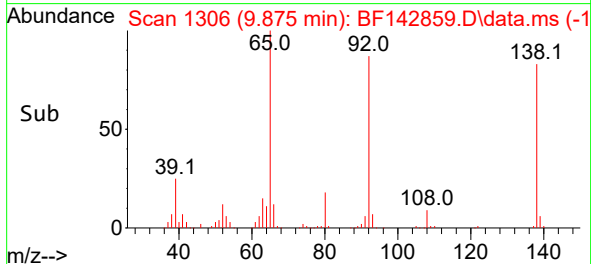
Tgt Ion:138 Resp: 80375
Ion Ratio Lower Upper
138 100
108 10.3 8.1 12.1
92 104.6 85.1 127.7

Manual Integrations

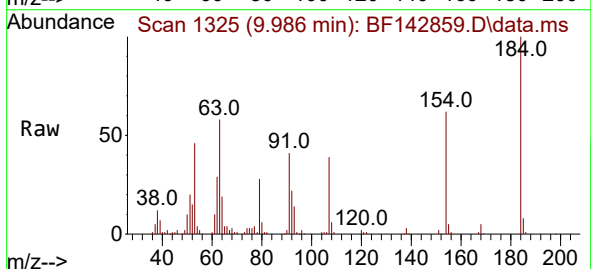
APPROVED

Reviewed By :Rahul Chavli 06/27/2025

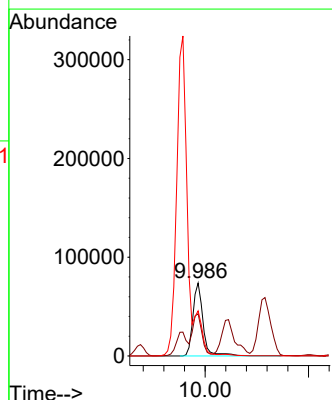
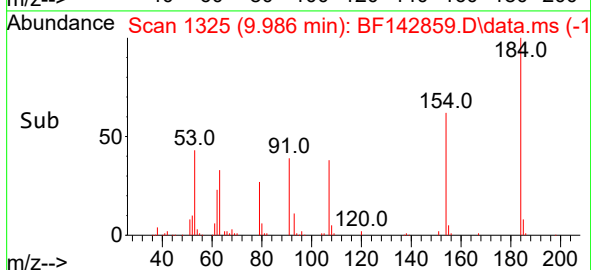
Supervised By :Jagrut Upadhyay 06/27/2025

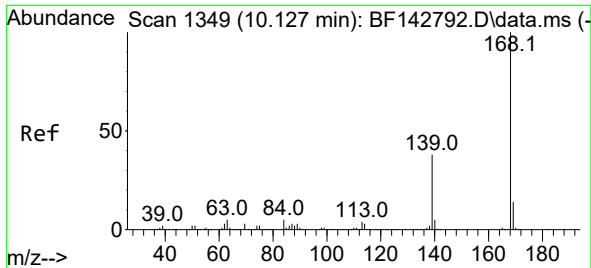


#54
2,4-Dinitrophenol
Concen: 77.843 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38



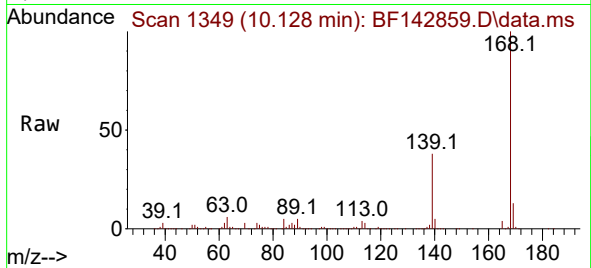
Tgt Ion:184 Resp: 101780
Ion Ratio Lower Upper
184 100
63 58.0 50.6 75.8
154 61.8 51.8 77.8





#55
Dibenzenofuran
Concen: 42.014 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

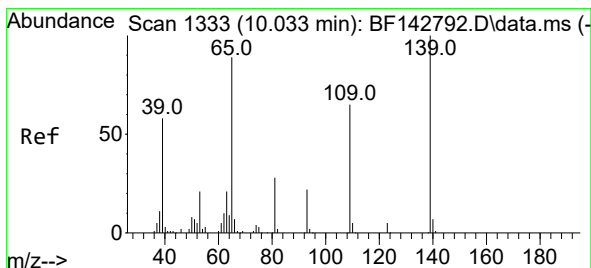
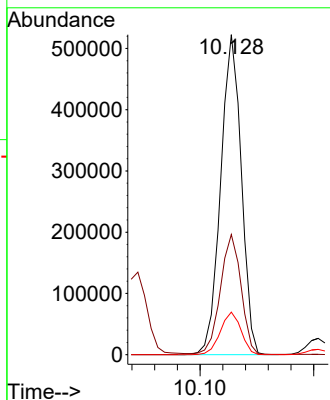
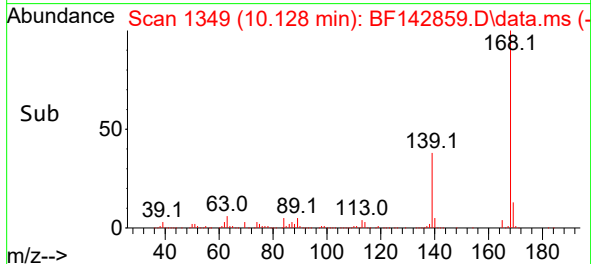
Instrument :
BNA_F
ClientSampleId :
PB168610BS



Tgt Ion:168 Resp: 658925
Ion Ratio Lower Upper
168 100
139 37.6 30.2 45.4
169 13.3 10.8 16.2

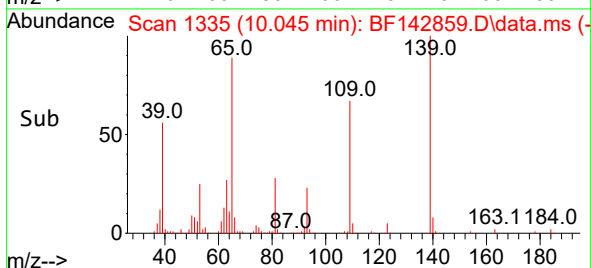
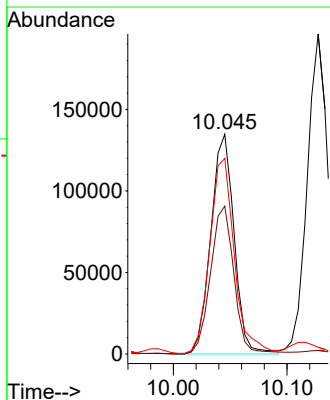
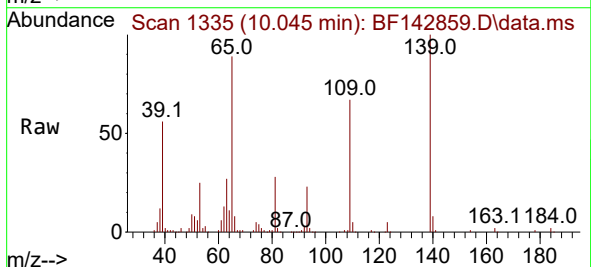
Manual Integrations
APPROVED

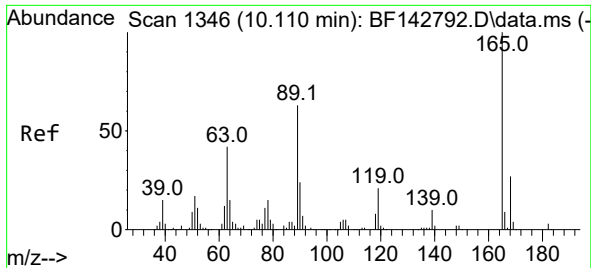
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#56
4-Nitrophenol
Concen: 97.654 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

Tgt Ion:139 Resp: 192206
Ion Ratio Lower Upper
139 100
109 67.3 44.7 84.7
65 89.0 69.8 109.8





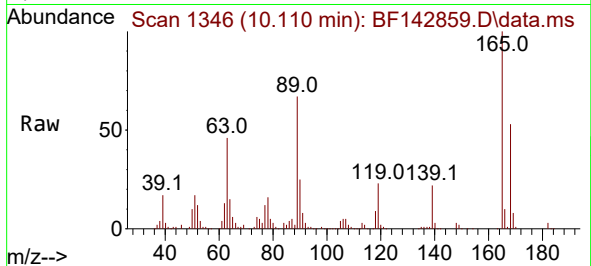
#57
2,4-Dinitrotoluene
Concen: 47.688 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

Instrument :

BNA_F

ClientSampleId :

PB168610BS



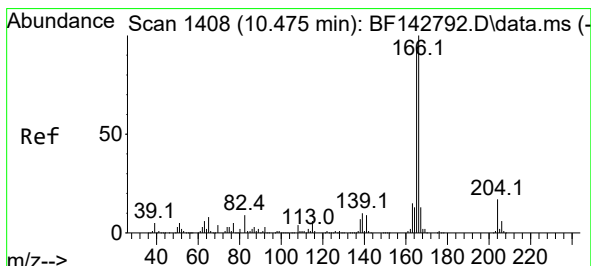
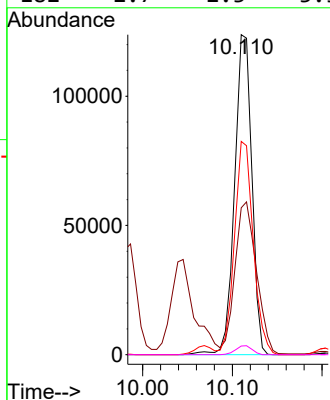
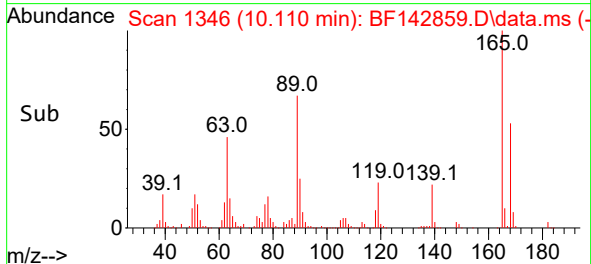
Tgt Ion:165 Resp: 16540
Ion Ratio Lower Upper
165 100
63 45.9 33.9 50.9
89 66.6 50.6 75.8
182 2.7 2.3 3.5

Manual Integrations

APPROVED

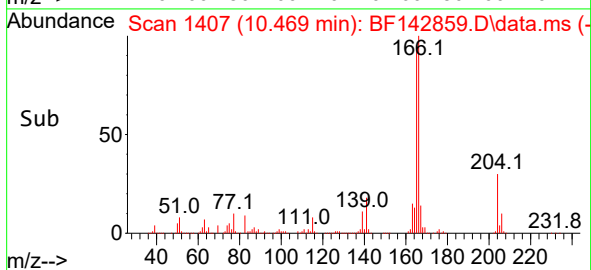
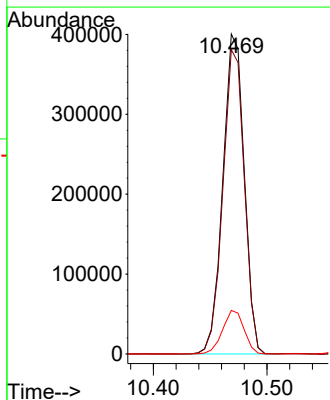
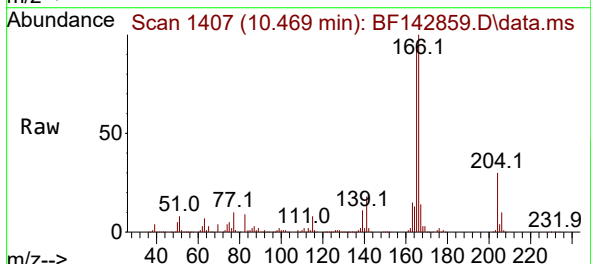
Reviewed By :Rahul Chavli 06/27/2025

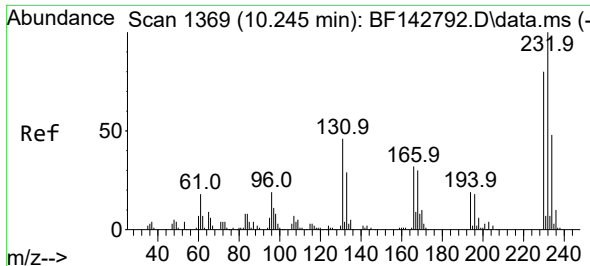
Supervised By :Jagrut Upadhyay 06/27/2025



#58
Fluorene
Concen: 42.827 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

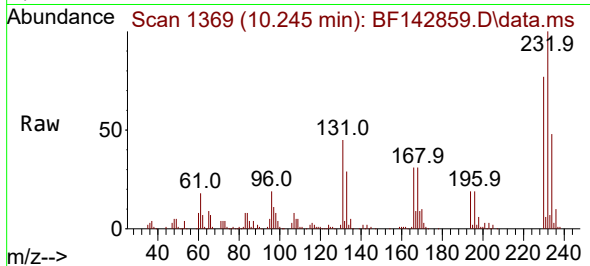
Tgt Ion:166 Resp: 524574
Ion Ratio Lower Upper
166 100
165 95.1 75.2 112.8
167 13.6 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.165 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

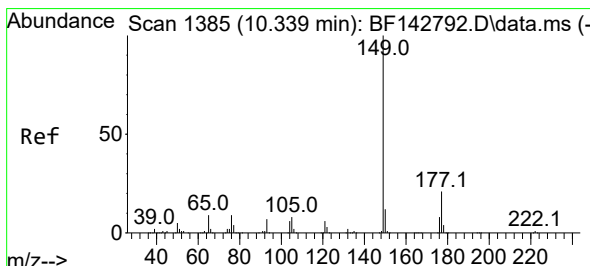
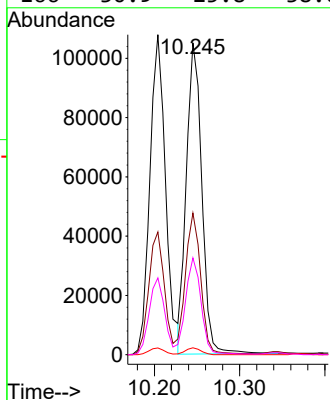
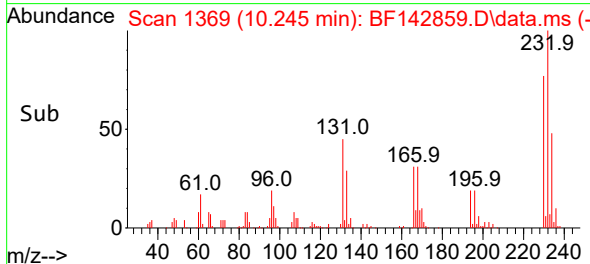
Instrument :
BNA_F
ClientSampleId :
PB168610BS



Tgt Ion:232 Resp: 13235
Ion Ratio Lower Upper
232 100
131 45.8 37.6 56.4
130 2.3 1.7 2.5
166 30.9 25.8 38.6

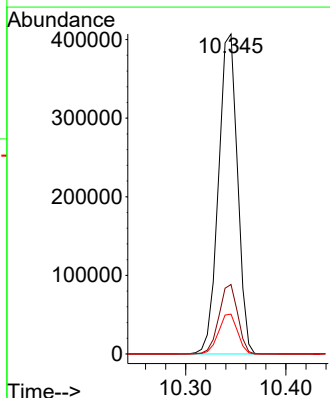
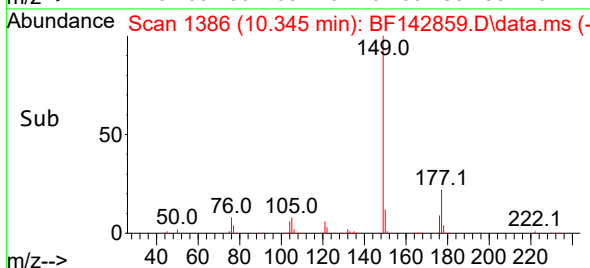
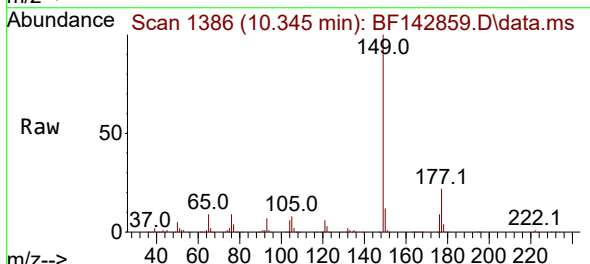
Manual Integrations
APPROVED

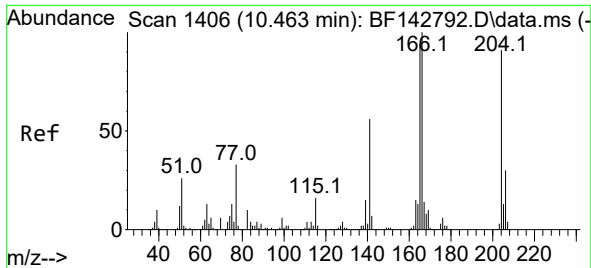
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#60
Diethylphthalate
Concen: 45.828 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

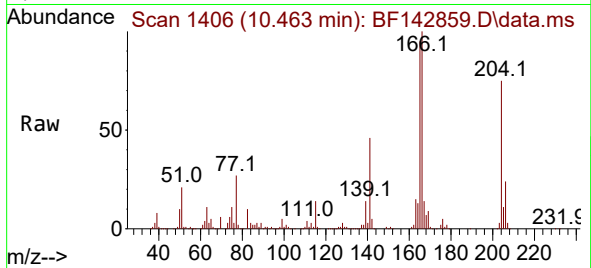
Tgt Ion:149 Resp: 534286
Ion Ratio Lower Upper
149 100
177 21.7 17.0 25.6
150 12.4 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 42.636 ng
RT: 10.463 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

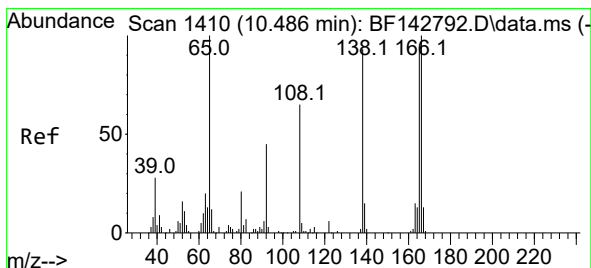
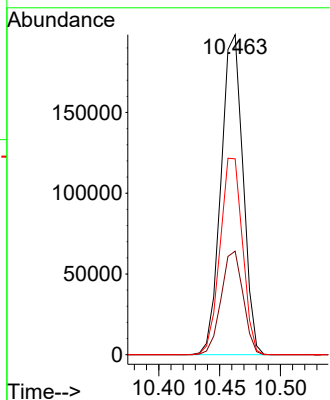
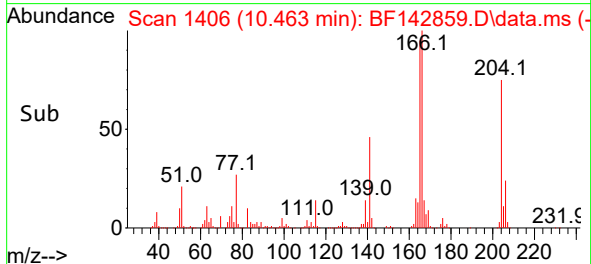
Instrument :
BNA_F
ClientSampleId :
PB168610BS



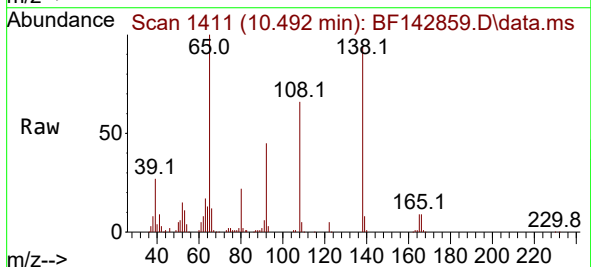
Tgt Ion:204 Resp: 24919
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 61.2 49.1 73.7

Manual Integrations
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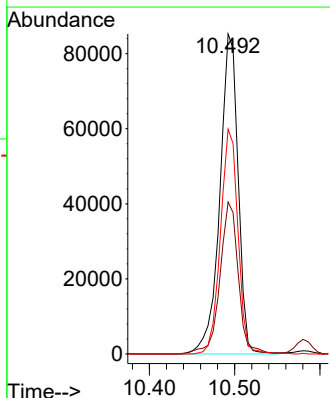
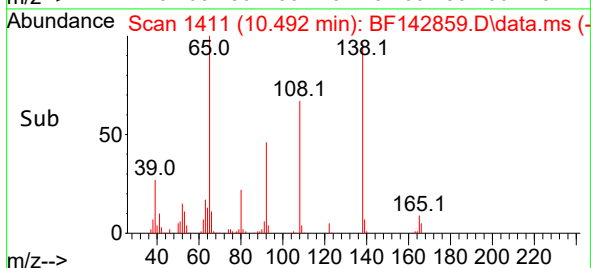
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

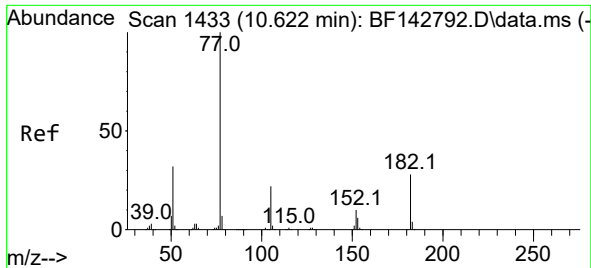


#62
4-Nitroaniline
Concen: 48.333 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38



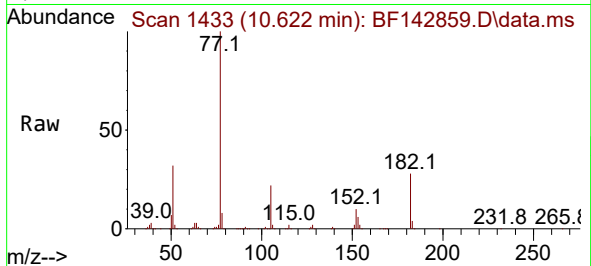
Tgt Ion:138 Resp: 127088
Ion Ratio Lower Upper
138 100
92 47.5 28.4 68.4
108 70.2 50.2 90.2





#63
Azobenzene
Concen: 43.722 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

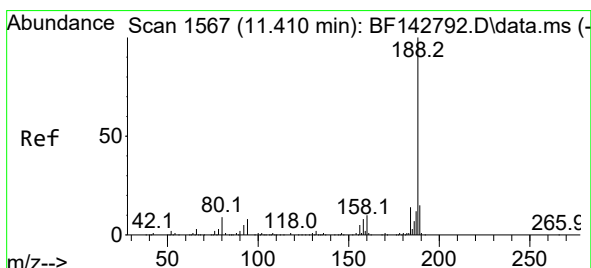
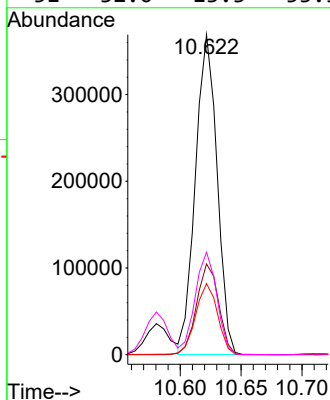
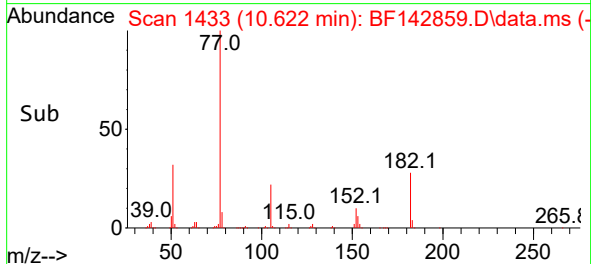
Instrument :
BNA_F
ClientSampleId :
PB168610BS



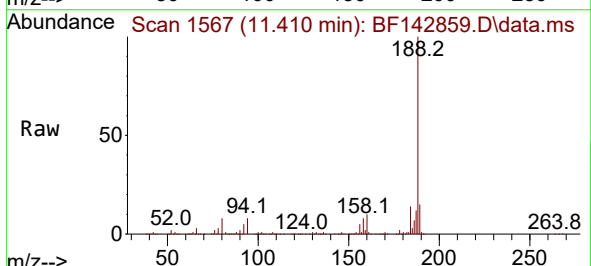
Tgt Ion: 77 Resp: 455570
Ion Ratio Lower Upper
77 100
182 28.4 7.7 47.7
105 22.2 1.9 41.9
51 32.0 13.3 53.3

Manual Integrations
APPROVED

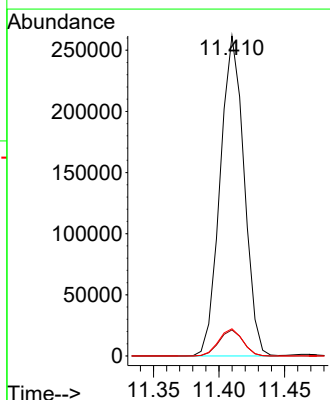
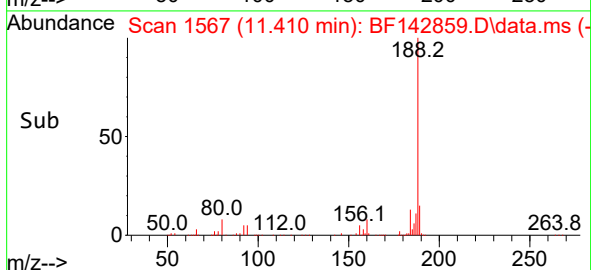
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

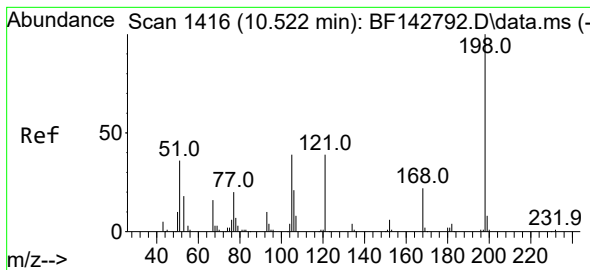


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38



Tgt Ion:188 Resp: 332633
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 8.5 6.9 10.3





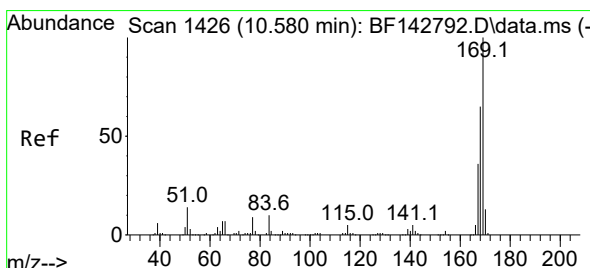
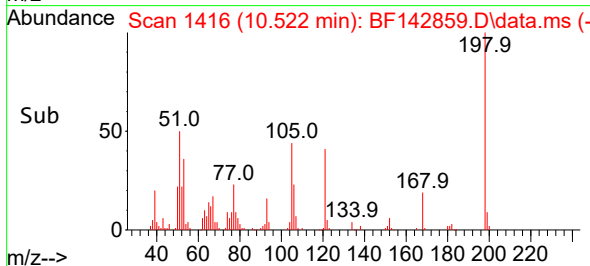
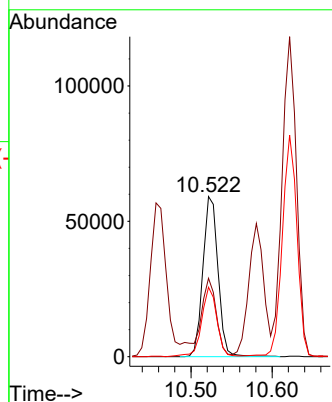
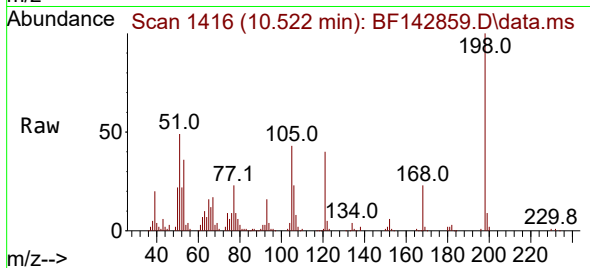
#65
4,6-Dinitro-2-methylphenol
Concen: 38.030 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

Instrument :
BNA_F
ClientSampleId :
PB168610BS

Tgt Ion:198 Resp: 76510
Ion Ratio Lower Upper
198 100
51 48.9 25.4 65.4
105 43.4 20.4 60.4

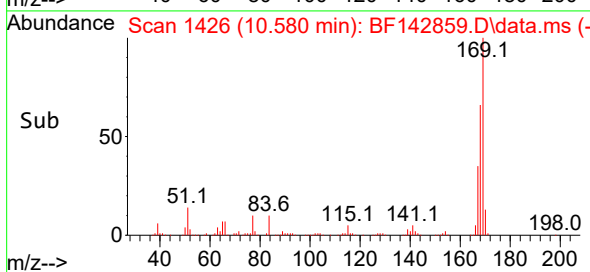
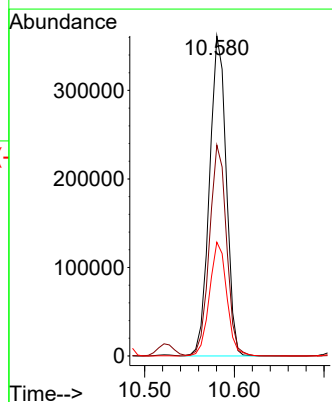
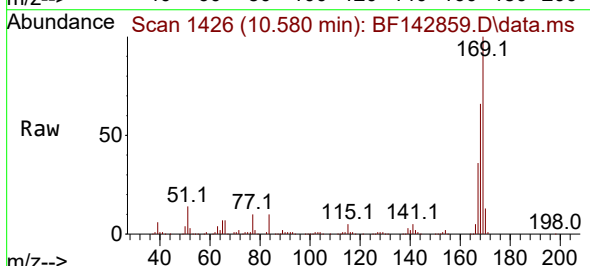
Manual Integrations
APPROVED

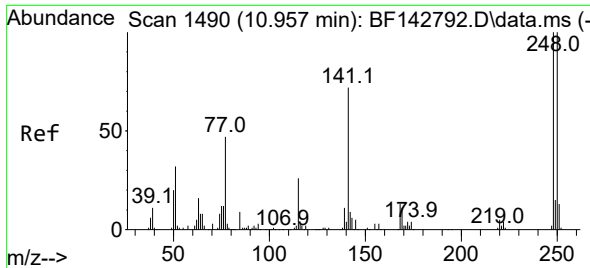
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#66
n-Nitrosodiphenylamine
Concen: 40.652 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

Tgt Ion:169 Resp: 468652
Ion Ratio Lower Upper
169 100
168 65.9 51.9 77.9
167 35.6 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 41.430 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

Instrument :

BNA_F

ClientSampleId :

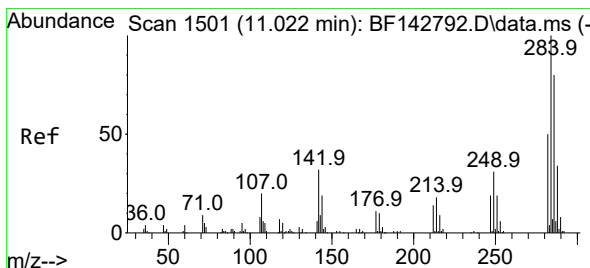
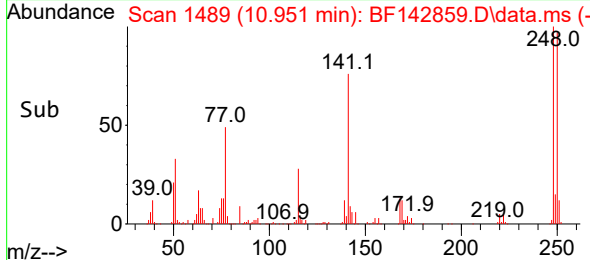
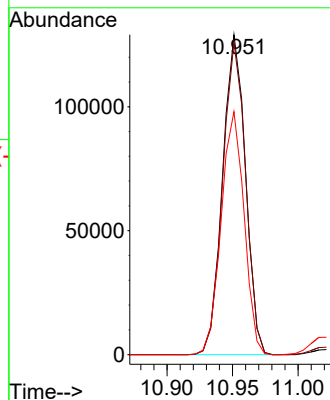
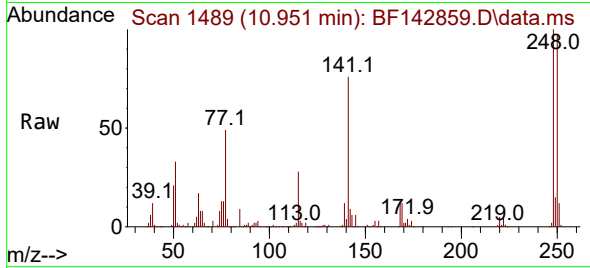
PB168610BS

Tgt Ion:248 Resp: 15684
Ion Ratio Lower Upper
248 100
250 97.5 79.8 119.8
141 75.9 57.8 86.6

Manual Integrations

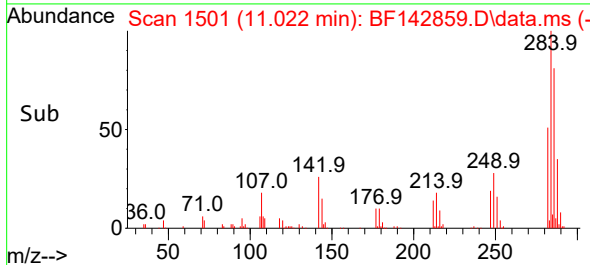
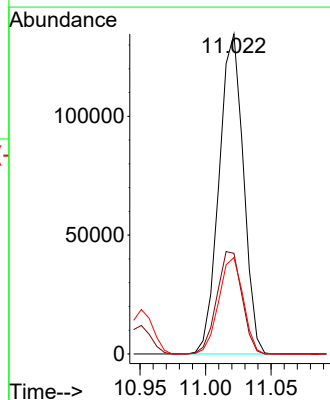
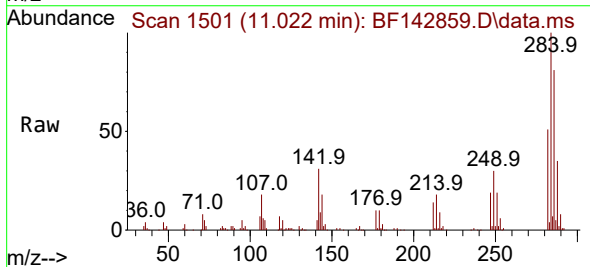
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Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#68
Hexachlorobenzene
Concen: 41.269 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

Tgt Ion:284 Resp: 173599
Ion Ratio Lower Upper
284 100
142 31.4 25.5 38.3
249 30.2 24.9 37.3





#69

Atrazine

Concen: 50.640 ng

RT: 11.110 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF142859.D

Acq: 26 Jun 2025 10:38

Instrument :

BNA_F

ClientSampleId :

PB168610BS

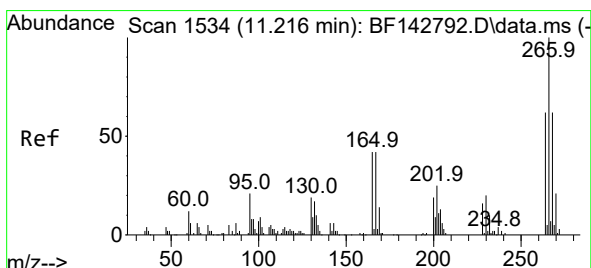
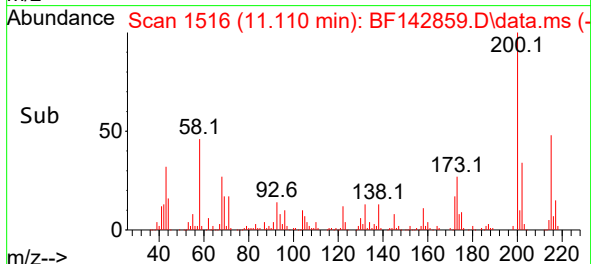
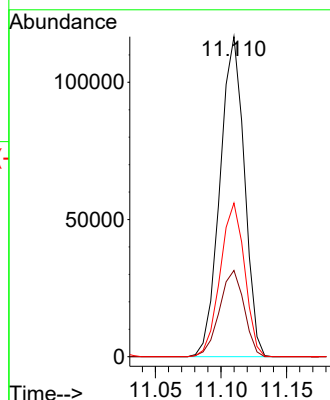
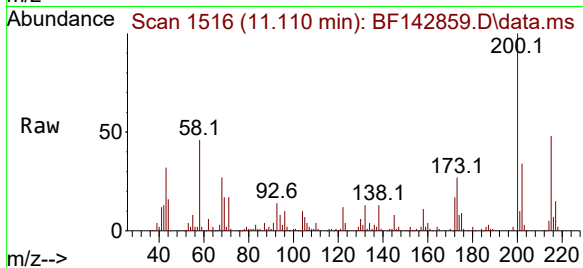
Tgt Ion:200 Resp: 150754
 Ion Ratio Lower Upper
 200 100
 173 26.9 7.4 47.4
 215 48.0 28.4 68.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#70

Pentachlorophenol

Concen: 90.916 ng

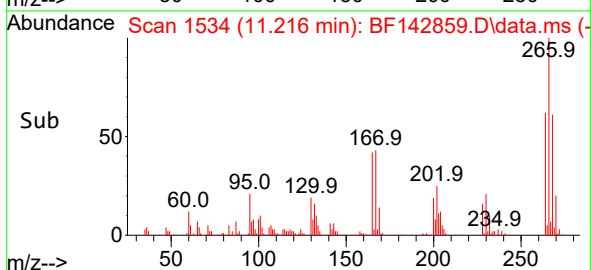
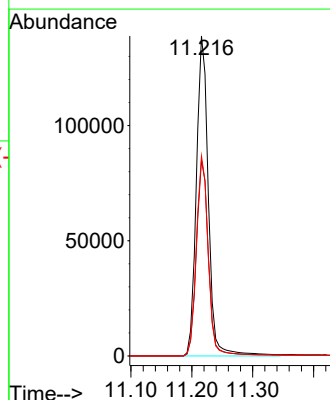
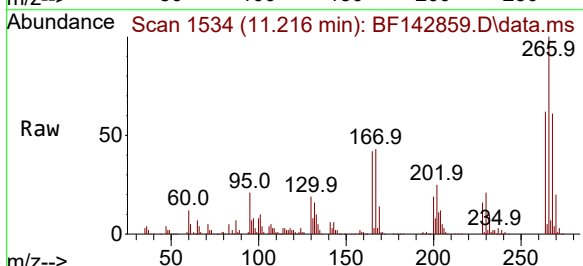
RT: 11.216 min Scan# 1534

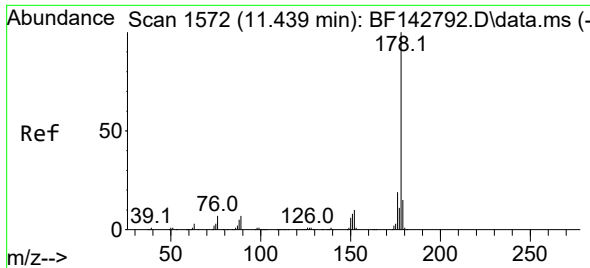
Delta R.T. 0.000 min

Lab File: BF142859.D

Acq: 26 Jun 2025 10:38

Tgt Ion:266 Resp: 190569
 Ion Ratio Lower Upper
 266 100
 268 61.2 49.8 74.8
 264 62.5 49.9 74.9





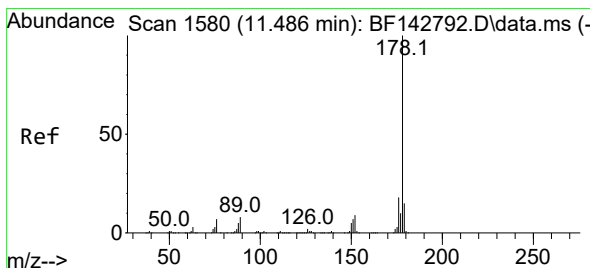
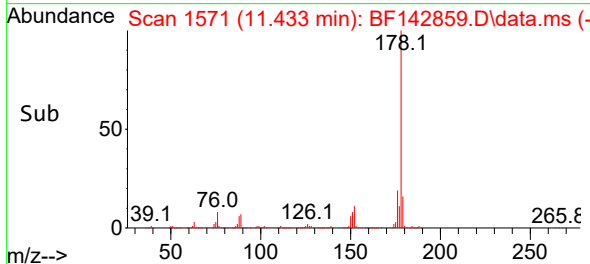
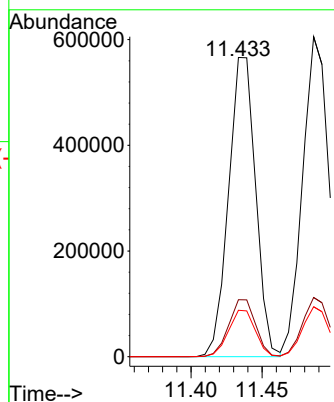
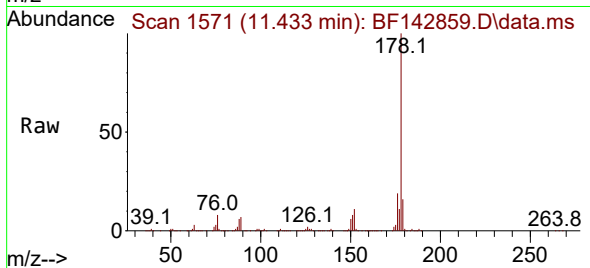
#71
Phenanthrene
Concen: 41.733 ng
RT: 11.433 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

Instrument :
BNA_F
ClientSampleId :
PB168610BS

Tgt Ion:178 Resp: 751979
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.5 12.0 18.0

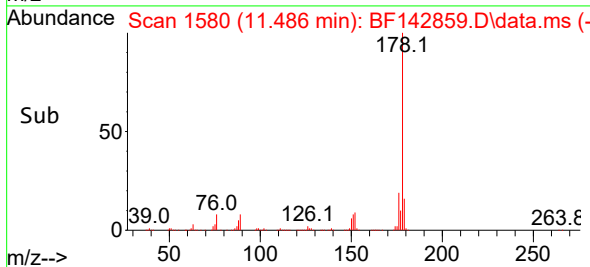
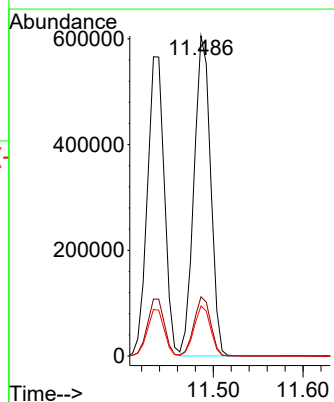
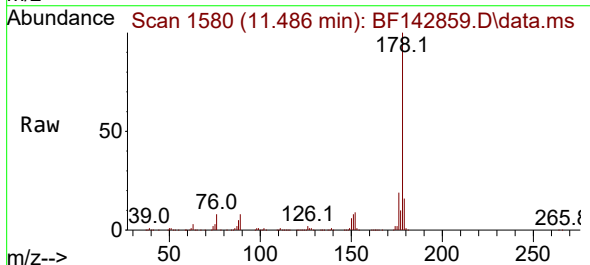
Manual Integrations
APPROVED

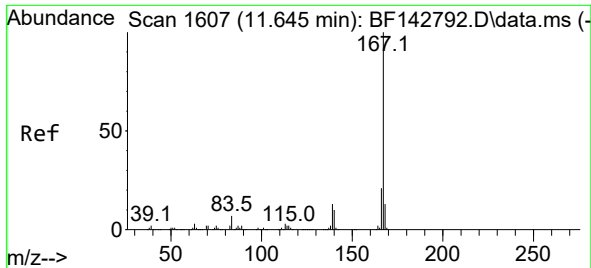
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#72
Anthracene
Concen: 41.943 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

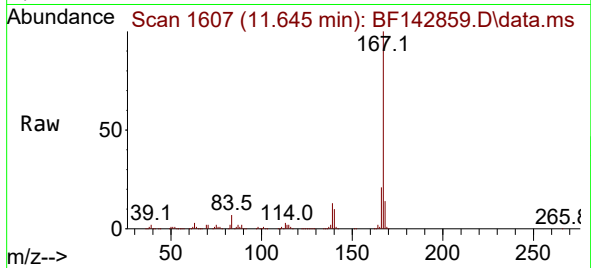
Tgt Ion:178 Resp: 775095
Ion Ratio Lower Upper
178 100
176 18.5 14.6 21.8
179 15.6 12.4 18.6





#73
 Carbazole
 Concen: 44.825 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. 0.000 min
 Lab File: BF142859.D
 Acq: 26 Jun 2025 10:38

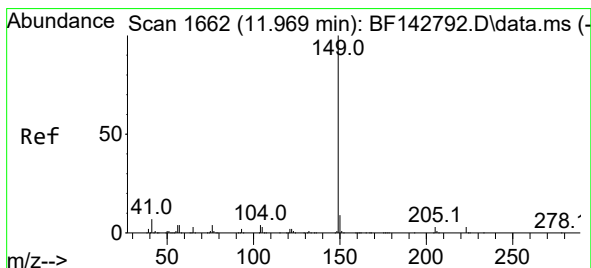
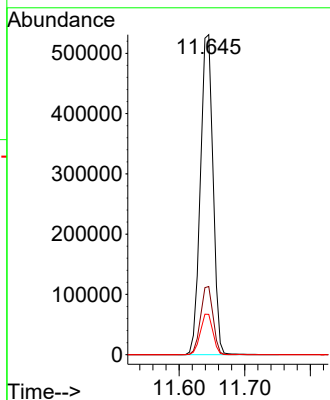
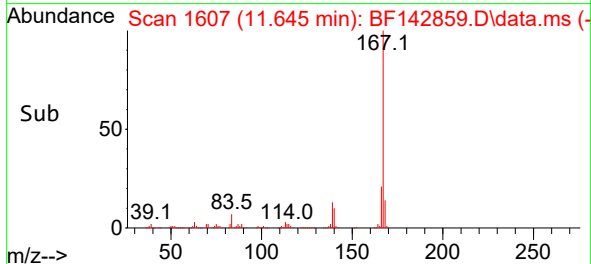
Instrument :
 BNA_F
 ClientSampleId :
 PB168610BS



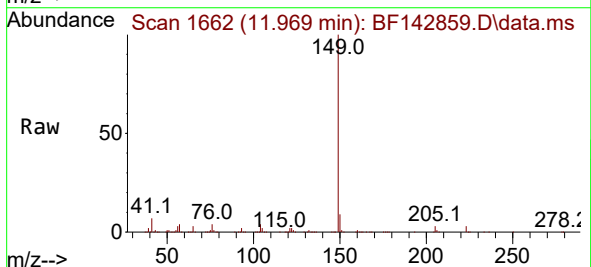
Tgt Ion:167 Resp: 714848
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.4
 139 12.6 10.2 15.2

Manual Integrations
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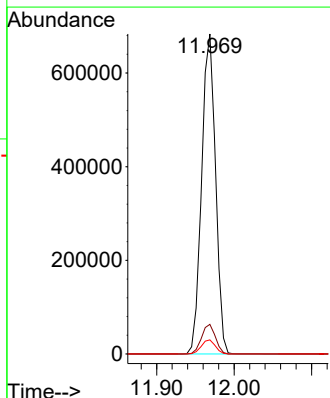
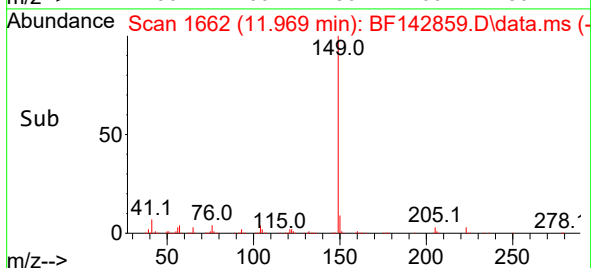
Reviewed By :Rahul Chavli 06/27/2025
 Supervised By :Jagrut Upadhyay 06/27/2025

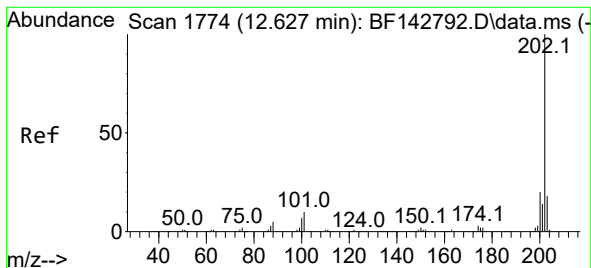


#74
 Di-n-butylphthalate
 Concen: 51.180 ng
 RT: 11.969 min Scan# 1662
 Delta R.T. 0.000 min
 Lab File: BF142859.D
 Acq: 26 Jun 2025 10:38



Tgt Ion:149 Resp: 850256
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 4.4 3.5 5.3





#75

Fluoranthene

Concen: 47.260 ng

RT: 12.627 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142859.D

Acq: 26 Jun 2025 10:38

Instrument :

BNA_F

ClientSampleId :

PB168610BS

Tgt Ion:202 Resp: 80817

Ion Ratio Lower Upper

202 100

101 9.6 0.0 29.7

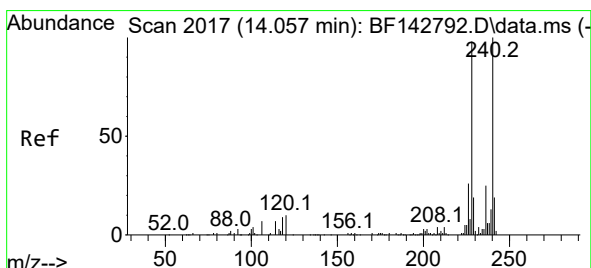
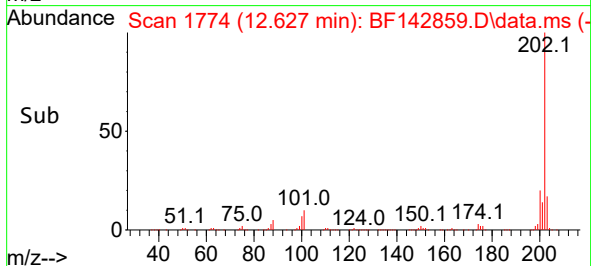
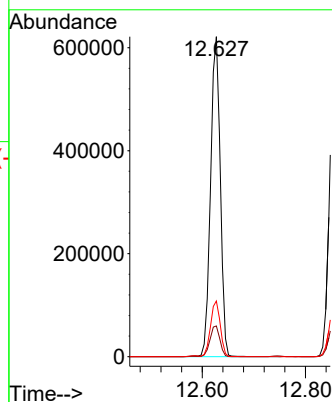
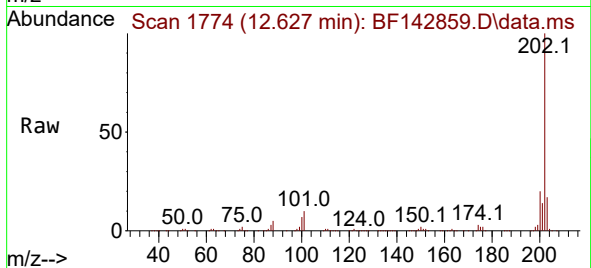
203 17.4 0.0 37.5

Manual Integrations

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Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF142859.D

Acq: 26 Jun 2025 10:38

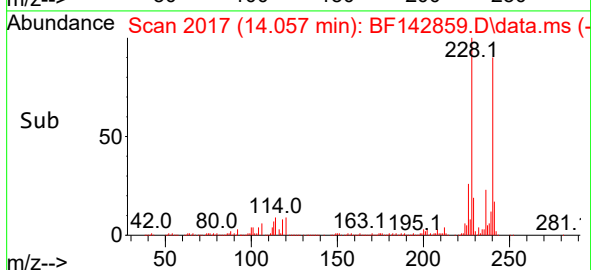
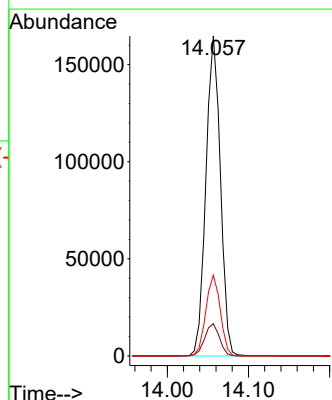
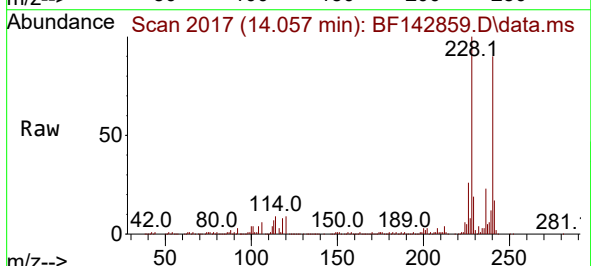
Tgt Ion:240 Resp: 203596

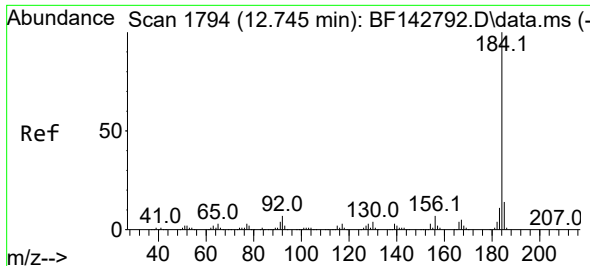
Ion Ratio Lower Upper

240 100

120 10.1 8.2 12.2

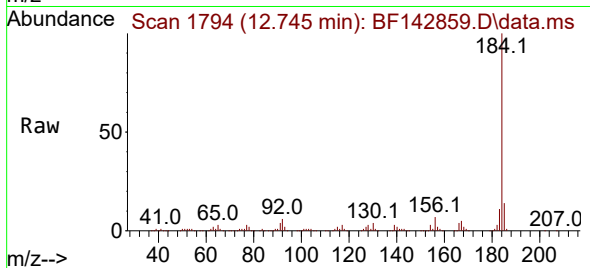
236 25.3 19.8 29.8





#77
Benzidine
Concen: 44.481 ng
RT: 12.745 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

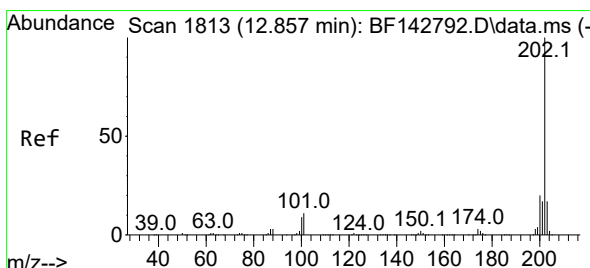
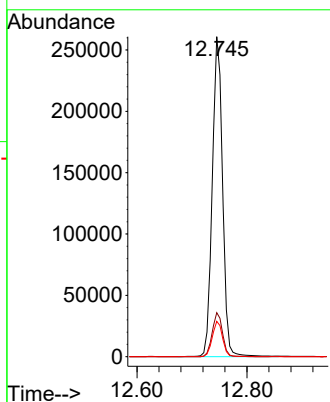
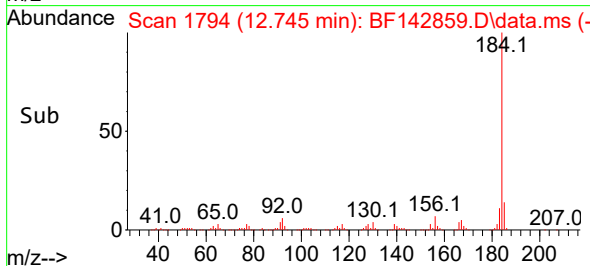
Instrument :
BNA_F
ClientSampleId :
PB168610BS



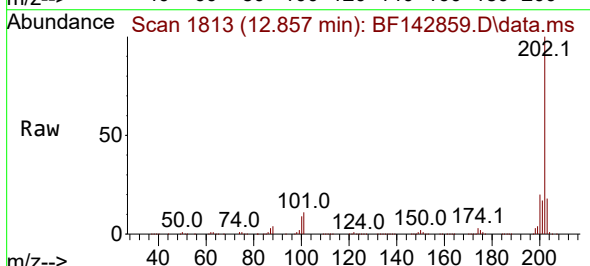
Tgt Ion:184 Resp: 34025
Ion Ratio Lower Upper
184 100
185 13.8 11.5 17.3
183 11.1 9.0 13.4

Manual Integrations
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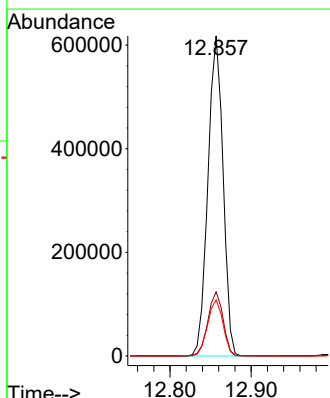
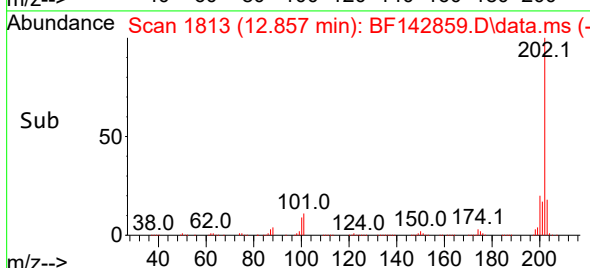
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#78
Pyrene
Concen: 41.837 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38



Tgt Ion:202 Resp: 798420
Ion Ratio Lower Upper
202 100
200 20.0 15.7 23.5
203 17.5 13.8 20.6





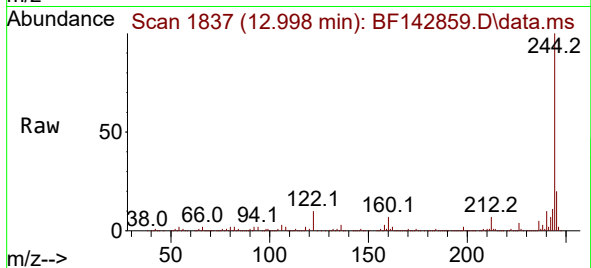
#79
 Terphenyl-d14
 Concen: 76.250 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. -0.000 min
 Lab File: BF142859.D
 Acq: 26 Jun 2025 10:38

Instrument :

BNA_F

ClientSampleId :

PB168610BS



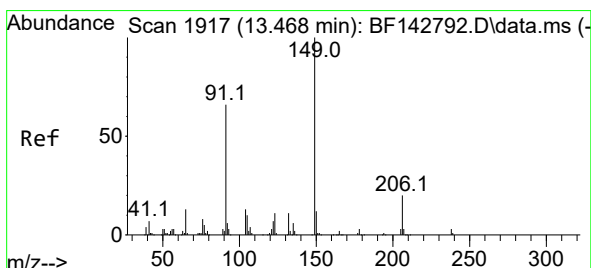
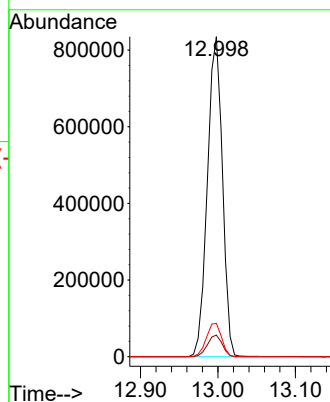
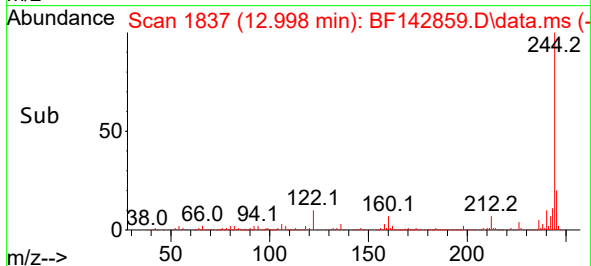
Tgt Ion:244 Resp: 1123554
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.4 8.2 12.2

Manual Integrations

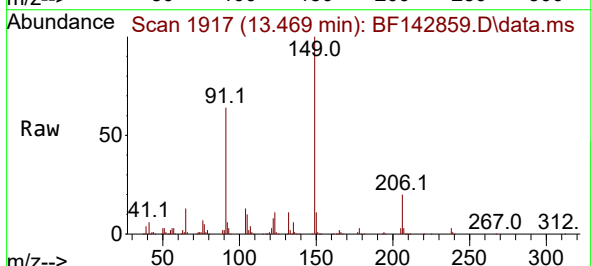
APPROVED

Reviewed By :Rahul Chavli 06/27/2025

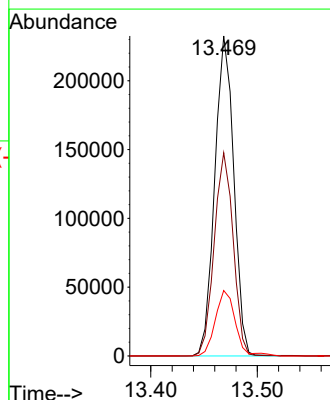
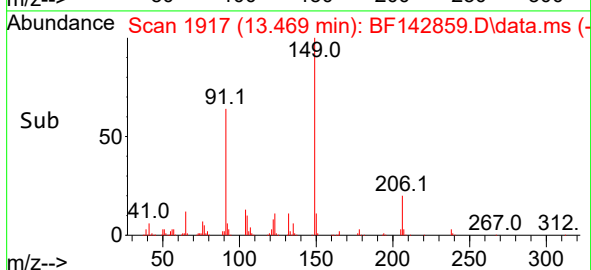
Supervised By :Jagrut Upadhyay 06/27/2025

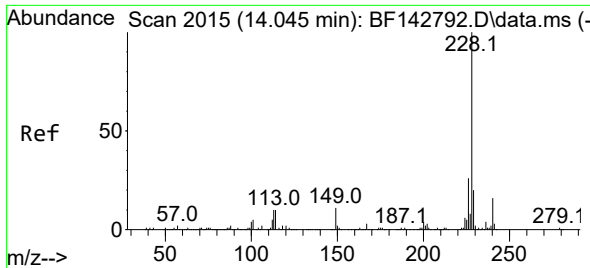


#80
 Butylbenzylphthalate
 Concen: 52.057 ng
 RT: 13.469 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: BF142859.D
 Acq: 26 Jun 2025 10:38



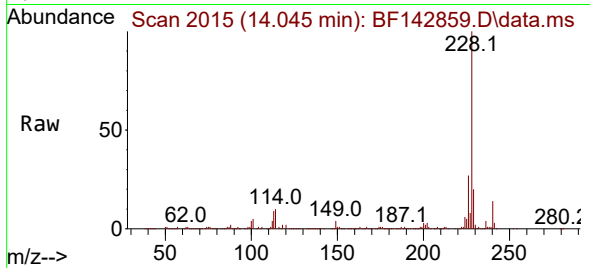
Tgt Ion:149 Resp: 288173
 Ion Ratio Lower Upper
 149 100
 91 63.5 52.9 79.3
 206 20.5 16.3 24.5





#81
Benzo(a)anthracene
Concen: 42.931 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

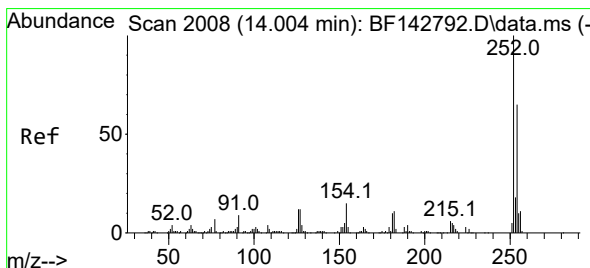
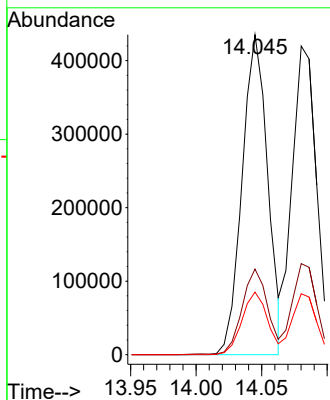
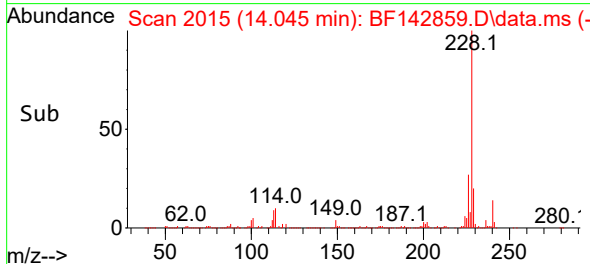
Instrument :
BNA_F
ClientSampleId :
PB168610BS



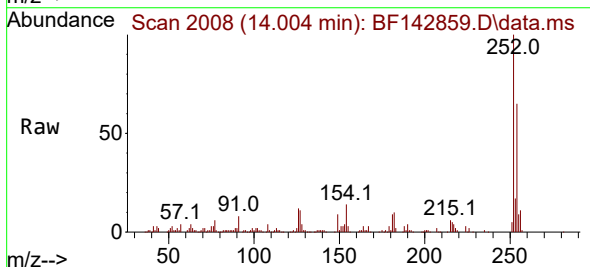
Tgt Ion:228 Resp: 589639
Ion Ratio Lower Upper
228 100
226 26.7 21.2 31.8
229 19.6 15.6 23.4

Manual Integrations
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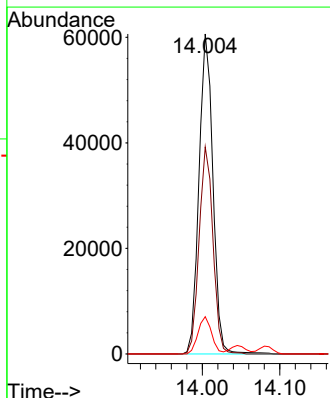
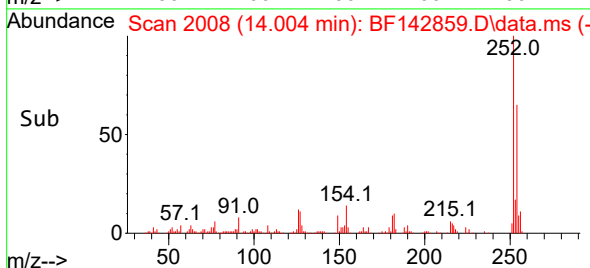
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

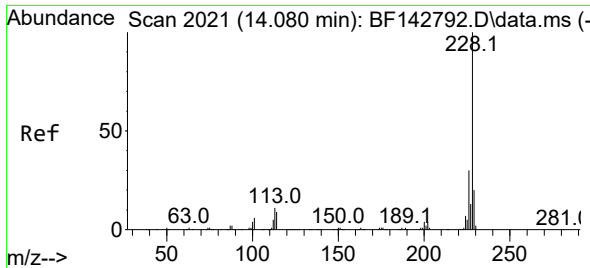


#82
3,3'-Dichlorobenzidine
Concen: 16.993 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38



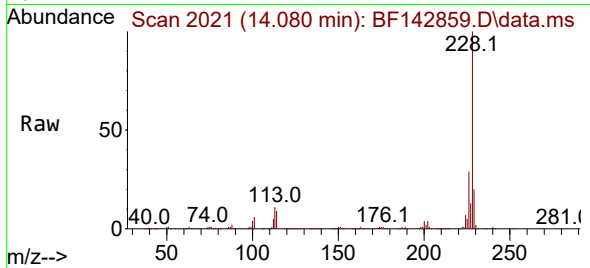
Tgt Ion:252 Resp: 75705
Ion Ratio Lower Upper
252 100
254 64.7 51.7 77.5
126 11.7 9.4 14.2





#83
Chrysene
Concen: 44.064 ng
RT: 14.080 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

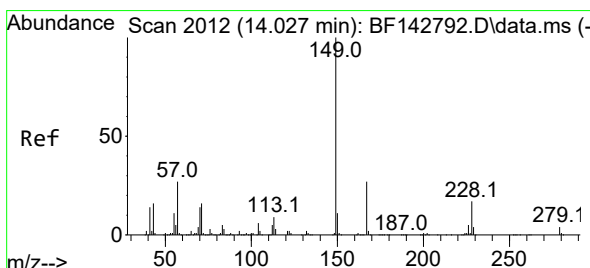
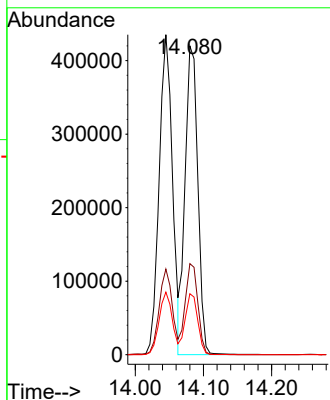
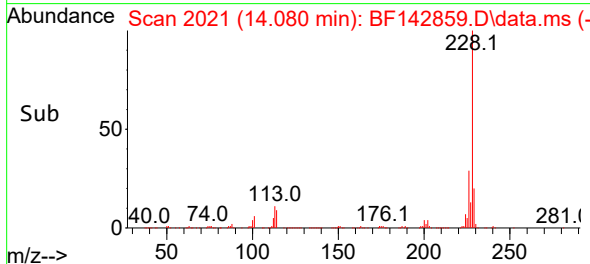
Instrument :
BNA_F
ClientSampleId :
PB168610BS



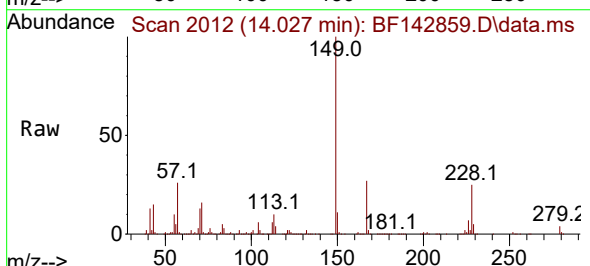
Tgt Ion:228 Resp: 540040
Ion Ratio Lower Upper
228 100
226 29.5 23.7 35.5
229 19.8 15.7 23.5

Manual Integrations
APPROVED

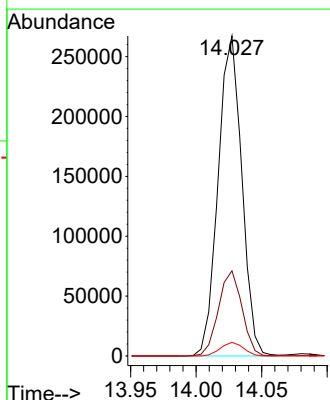
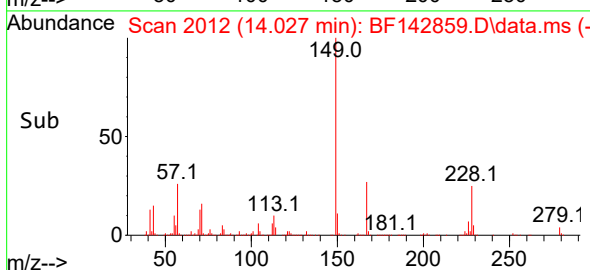
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

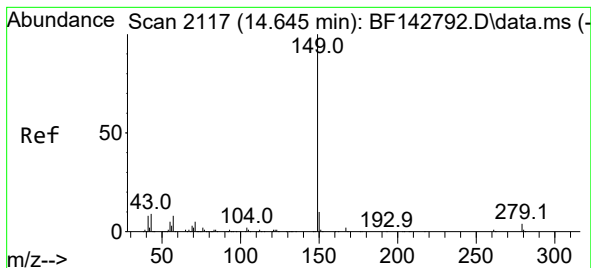


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.037 ng
RT: 14.027 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38



Tgt Ion:149 Resp: 334810
Ion Ratio Lower Upper
149 100
167 26.6 21.4 32.0
279 4.3 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 32.750 ng

RT: 14.639 min Scan# 2116

Delta R.T. -0.006 min

Lab File: BF142859.D

Acq: 26 Jun 2025 10:38

Instrument :

BNA_F

ClientSampleId :

PB168610BS

Tgt Ion:149 Resp: 491860

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

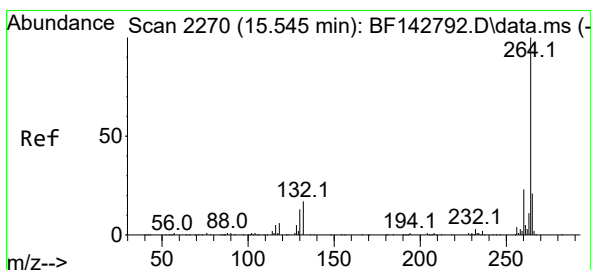
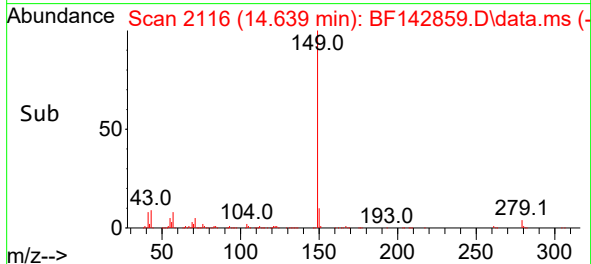
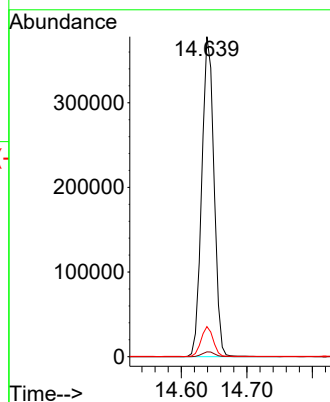
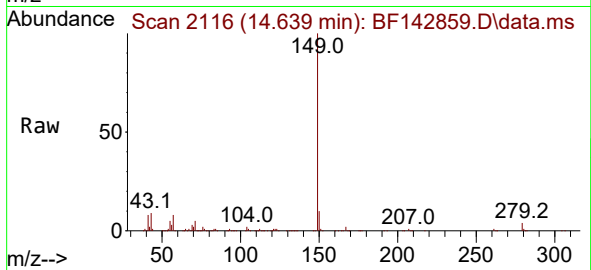
43 9.2 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF142859.D

Acq: 26 Jun 2025 10:38

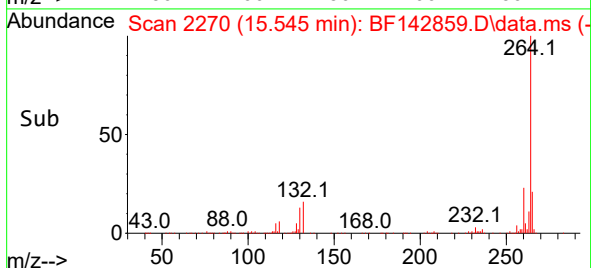
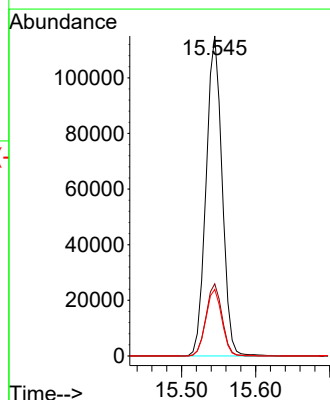
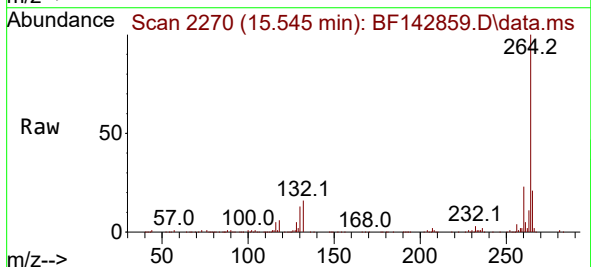
Tgt Ion:264 Resp: 172184

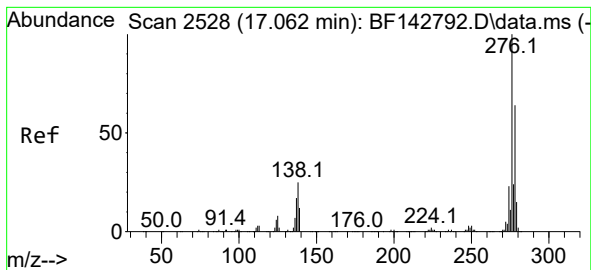
Ion Ratio Lower Upper

264 100

260 22.5 18.1 27.1

265 20.8 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.653 ng

RT: 17.062 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF142859.D

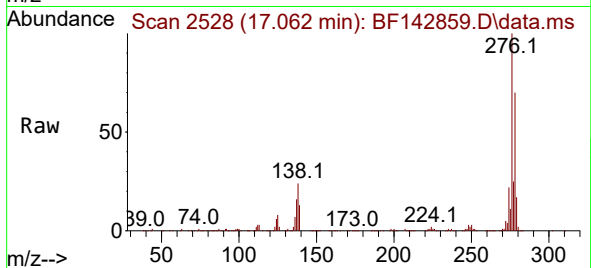
Acq: 26 Jun 2025 10:38

Instrument :

BNA_F

ClientSampleId :

PB168610BS



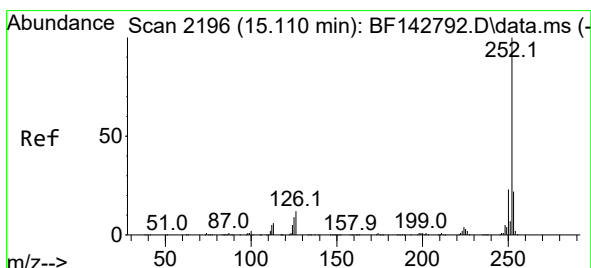
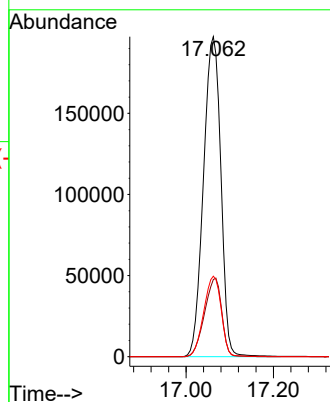
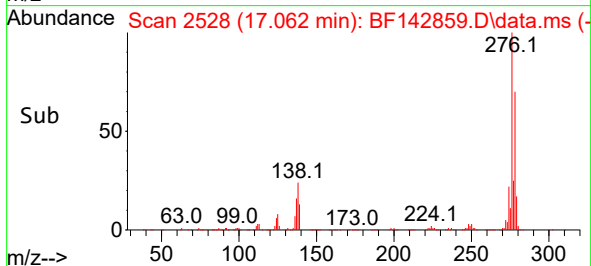
Tgt Ion:	276	Resp:	546279
Ion Ratio	Lower	Upper	
276	100		
138	24.3	20.2	30.4
277	25.3	19.8	29.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#88

Benzo(b)fluoranthene

Concen: 46.407 ng

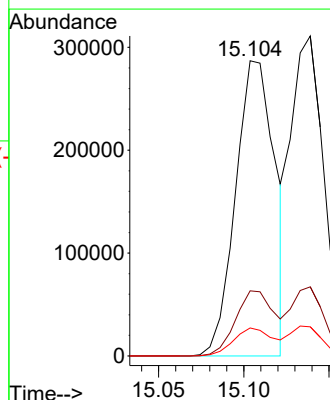
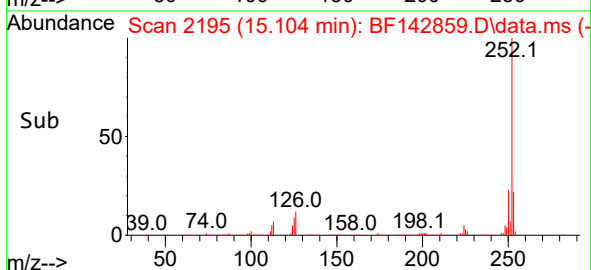
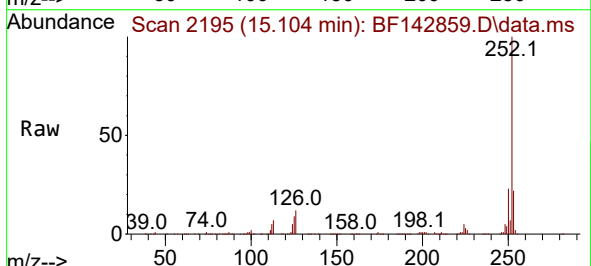
RT: 15.104 min Scan# 2195

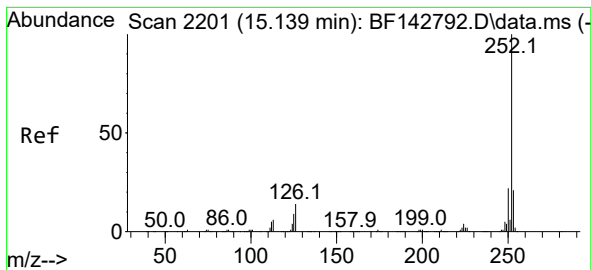
Delta R.T. -0.006 min

Lab File: BF142859.D

Acq: 26 Jun 2025 10:38

Tgt Ion:	252	Resp:	462369
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.5	26.3
125	9.5	7.4	11.0





#89

Benzo(k)fluoranthene

Concen: 44.844 ng

RT: 15.139 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142859.D

Acq: 26 Jun 2025 10:38

Instrument :

BNA_F

ClientSampleId :

PB168610BS

Tgt Ion:252 Resp: 41800

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

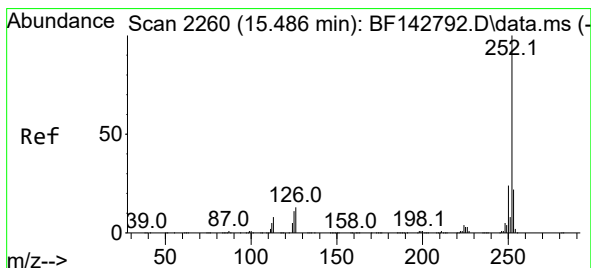
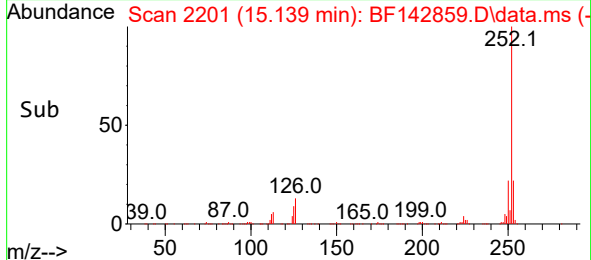
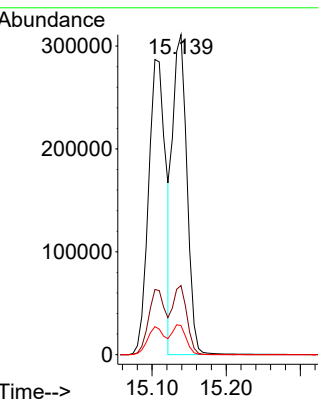
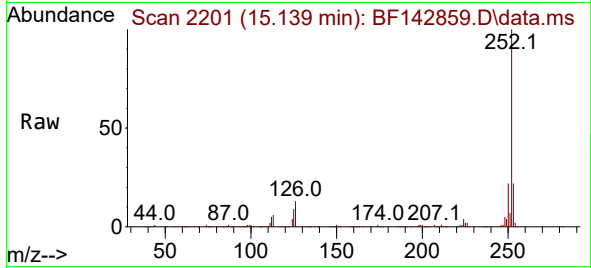
125 9.1 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#90

Benzo(a)pyrene

Concen: 44.003 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF142859.D

Acq: 26 Jun 2025 10:38

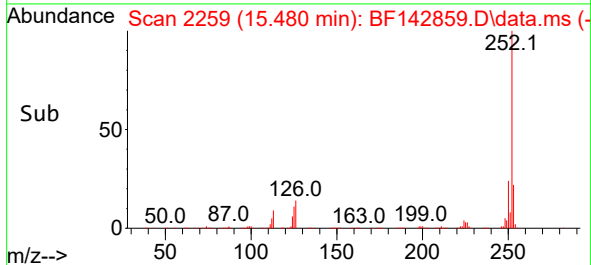
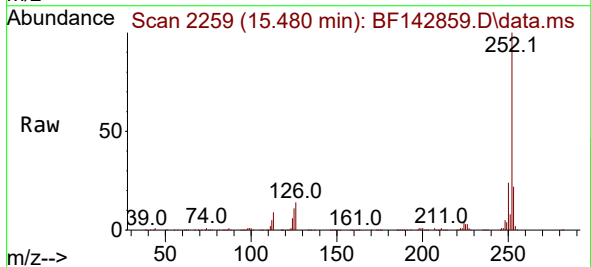
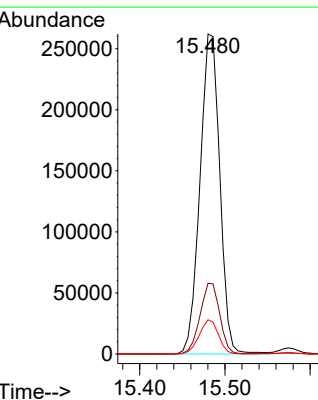
Tgt Ion:252 Resp: 423538

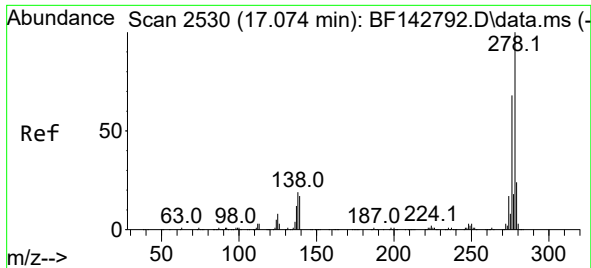
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

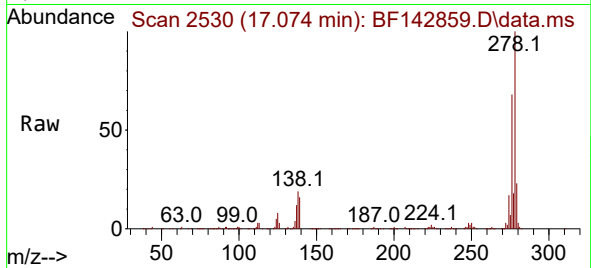
125 10.7 8.6 12.8





#91
Dibenzo(a,h)anthracene
Concen: 41.431 ng
RT: 17.074 min Scan# 2530
Delta R.T. 0.000 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38

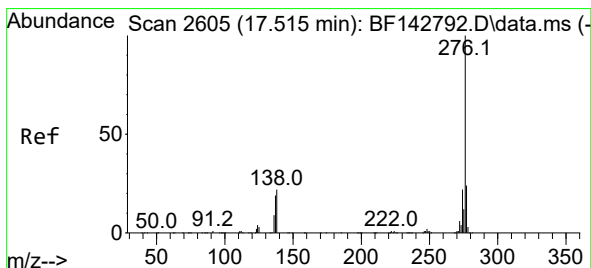
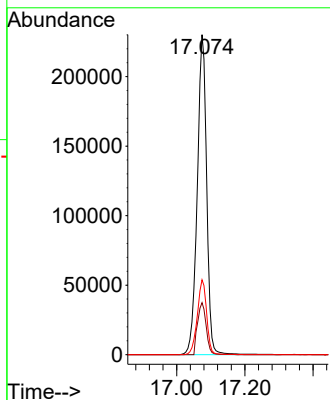
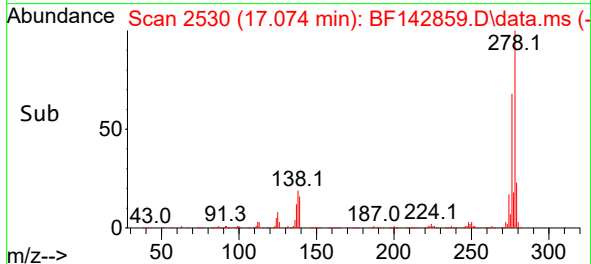
Instrument :
BNA_F
ClientSampleId :
PB168610BS



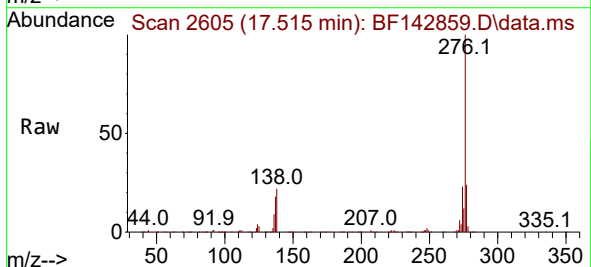
Tgt Ion:278 Resp: 441502
Ion Ratio Lower Upper
278 100
139 16.3 13.5 20.3
279 23.4 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#92
Benzo(g,h,i)perylene
Concen: 41.445 ng
RT: 17.515 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF142859.D
Acq: 26 Jun 2025 10:38



Tgt Ion:276 Resp: 440396
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 21.5 17.6 26.4

