

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
 Data File : BF142798.D
 Acq On : 19 Jun 2025 22:40
 Operator : RC/JU
 Sample : PB168536BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168536BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/24/2025
 Supervised By :Jagrut Upadhyay 06/24/2025

Quant Time: Jun 24 05:42:30 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	6.881	152	83355	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	309768	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	161197	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	265537	20.000	ng	0.00
76) Chrysene-d12	14.057	240	157463	20.000	ng	0.00
86) Perylene-d12	15.551	264	179007	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	625056	124.848	ng	0.01
7) Phenol-d6	6.516	99	733919	124.251	ng	0.00
23) Nitrobenzene-d5	7.445	82	458408	81.171	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	220421	132.878	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	972463	79.251	ng	0.00
79) Terphenyl-d14	12.998	244	873008	76.604	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	71718	35.814	ng	100
3) Pyridine	3.481	79	198286	39.498	ng	98
4) n-Nitrosodimethylamine	3.434	42	114895	44.258	ng	99
6) Aniline	6.545	93	258391	32.877	ng	98
8) 2-Chlorophenol	6.669	128	245036	45.372	ng	97
9) Benzaldehyde	6.434	77	154180	43.997	ng	99
10) Phenol	6.528	94	281731	42.909	ng	94
11) bis(2-Chloroethyl)ether	6.616	93	214252	45.657	ng	99
12) 1,3-Dichlorobenzene	6.822	146	265563	43.968	ng	99
13) 1,4-Dichlorobenzene	6.898	146	268195	44.011	ng	99
14) 1,2-Dichlorobenzene	7.051	146	258499	44.723	ng	99
15) Benzyl Alcohol	7.022	79	192916	45.178	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	335358	44.481	ng	99
17) 2-Methylphenol	7.134	107	184407	45.058	ng	98
18) Hexachloroethane	7.392	117	95461	44.787	ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	154685	45.027	ng	100
20) 3+4-Methylphenols	7.287	107	227760	44.634	ng	98
22) Acetophenone	7.292	105	311793	45.644	ng	100
24) Nitrobenzene	7.463	77	232428	45.472	ng	99
25) Isophorone	7.704	82	412390	45.521	ng	100
26) 2-Nitrophenol	7.781	139	132472	47.576	ng	100
27) 2,4-Dimethylphenol	7.816	122	215585	44.698	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	264787	45.974	ng	100
29) 2,4-Dichlorophenol	8.022	162	196645	44.966	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	220256	45.802	ng	99
31) Naphthalene	8.187	128	688912	45.435	ng	100
32) Benzoic acid	7.934	122	121104	49.263	ng	96
33) 4-Chloroaniline	8.234	127	117766	19.101	ng	98
34) Hexachlorobutadiene	8.304	225	134963	45.883	ng	100
35) Caprolactam	8.604	113	55926m	48.463	ng	
36) 4-Chloro-3-methylphenol	8.716	107	195799	45.050	ng	99
37) 2-Methylnaphthalene	8.881	142	425492	45.264	ng	100
38) 1-Methylnaphthalene	8.981	142	438148	45.026	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	215266	45.258	ng	99
41) Hexachlorocyclopentadiene	9.034	237	269060	99.683	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	141207	45.560	ng	98

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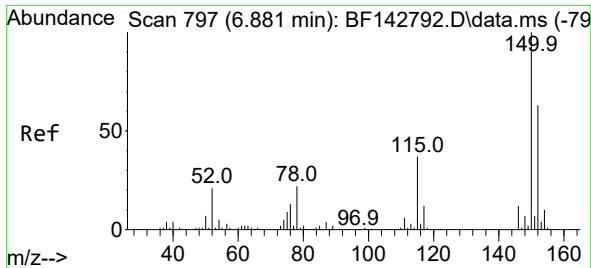
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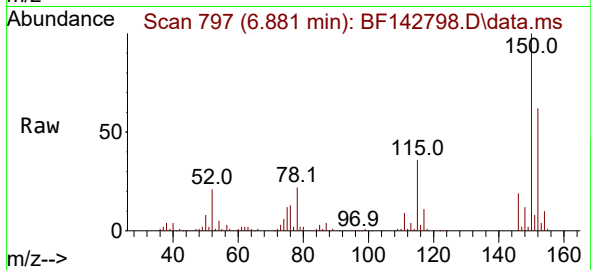
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	144269	44.218	ng	99
46) 1,1'-Biphenyl	9.345	154	578239	45.410	ng	100
47) 2-Chloronaphthalene	9.369	162	424437	44.417	ng	99
48) 2-Nitroaniline	9.463	65	121311	45.282	ng	97
49) Acenaphthylene	9.786	152	699789	44.485	ng	100
50) Dimethylphthalate	9.645	163	476429	45.660	ng	100
51) 2,6-Dinitrotoluene	9.704	165	107112	46.744	ng	99
52) Acenaphthene	9.957	154	480245	50.037	ng	99
53) 3-Nitroaniline	9.875	138	61523	24.385	ng	100
54) 2,4-Dinitrophenol	9.986	184	130635	113.854	ng	95
55) Dibenzofuran	10.128	168	615545	44.725	ng	99
56) 4-Nitrophenol	10.039	139	168132	97.343	ng	97
57) 2,4-Dinitrotoluene	10.110	165	147507	48.462	ng	98
58) Fluorene	10.475	166	477642	44.438	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	121792	46.311	ng	96
60) Diethylphthalate	10.345	149	477692	46.692	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	228224	44.496	ng	99
62) 4-Nitroaniline	10.492	138	104723	45.386	ng	99
63) Azobenzene	10.622	77	414351	45.315	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	79081	49.237	ng	98
66) n-Nitrosodiphenylamine	10.581	169	412551	44.829	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	138555	45.848	ng	95
68) Hexachlorobenzene	11.022	284	153776	45.794	ng	99
69) Atrazine	11.110	200	121265	51.027	ng	100
70) Pentachlorophenol	11.216	266	164469	98.290	ng	99
71) Phenanthrene	11.439	178	650212	45.203	ng	100
72) Anthracene	11.486	178	663251	44.959	ng	100
73) Carbazole	11.645	167	589939	46.340	ng	100
74) Di-n-butylphthalate	11.969	149	664973	50.141	ng	100
75) Fluoranthene	12.627	202	631787	46.280	ng	100
77) Benzidine	12.745	184	235765	39.852	ng	99
78) Pyrene	12.857	202	637679	43.204	ng	99
80) Butylbenzylphthalate	13.474	149	223198	52.132	ng	96
81) Benzo(a)anthracene	14.045	228	493037	46.414	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	68848	19.982	ng	99
83) Chrysene	14.086	228	462320	48.774	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	307417	49.906	ng	99
85) Di-n-octyl phthalate	14.645	149	548122	47.189	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	624221	45.781	ng	99
88) Benzo(b)fluoranthene	15.110	252	538352	51.974	ng	100
89) Benzo(k)fluoranthene	15.139	252	438761	45.276	ng	99
90) Benzo(a)pyrene	15.486	252	487619	48.729	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	507840	45.840	ng	100
92) Benzo(g,h,i)perylene	17.521	276	505570	45.765	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

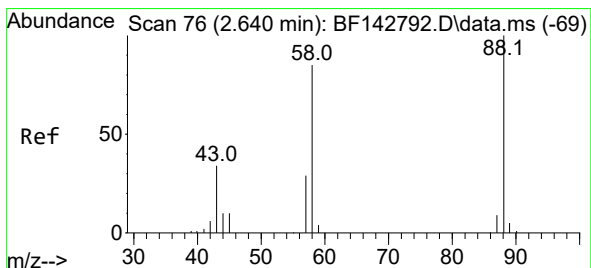
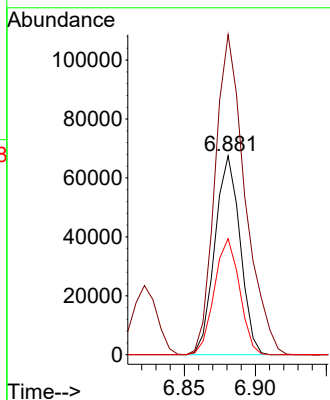
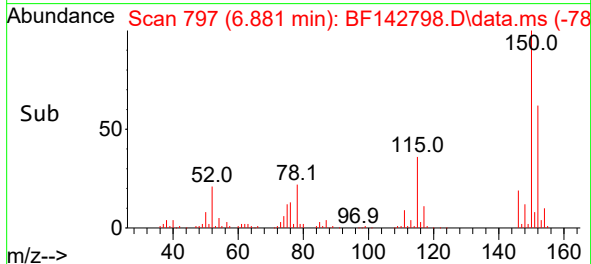
Instrument :
BNA_F
ClientSampleId :
PB168536BS



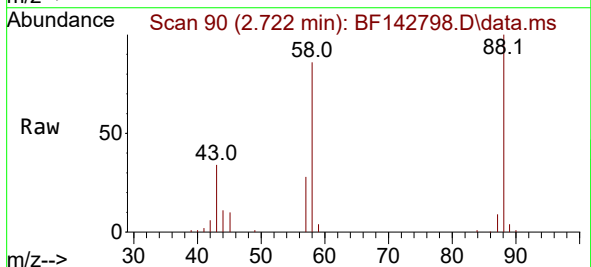
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Ion Ratio Lower Upper
152 100
150 160.8 127.2 190.8
115 58.3 46.6 69.8

Manual Integrations
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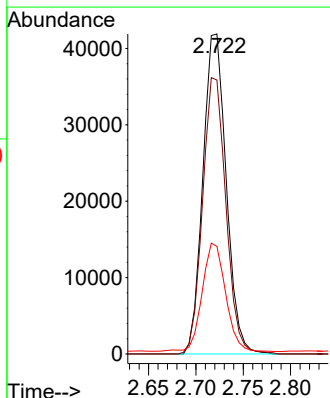
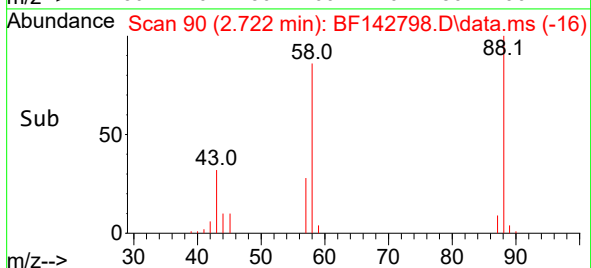
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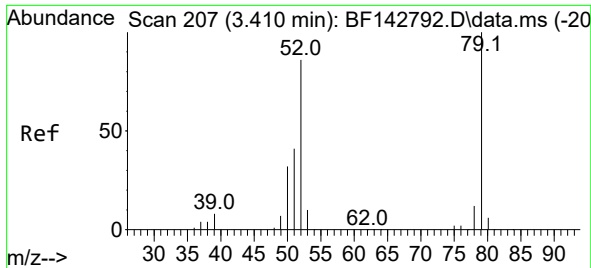


#2
1,4-Dioxane
Concen: 35.814 ng
RT: 2.722 min Scan# 90
Delta R.T. 0.082 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40



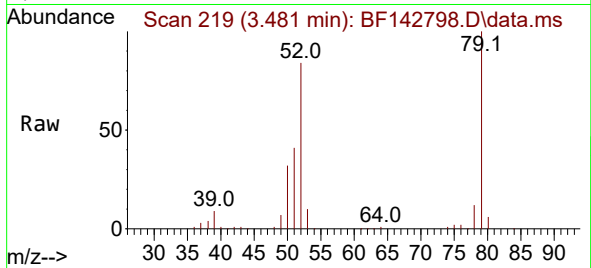
Tgt Ion: 88 Resp: 71718
Ion Ratio Lower Upper
88 100
58 86.3 69.1 103.7
43 34.1 27.4 41.2





#3
Pyridine
Concen: 39.498 ng
RT: 3.481 min Scan# 211
Delta R.T. 0.071 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

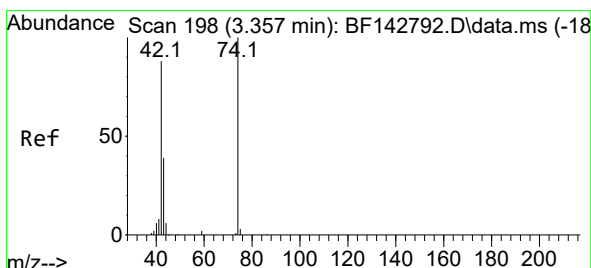
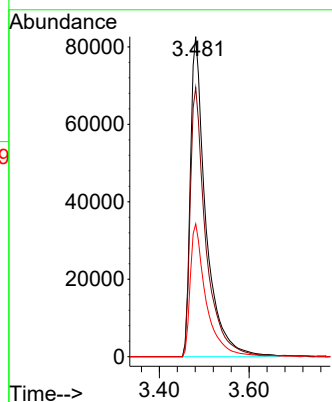
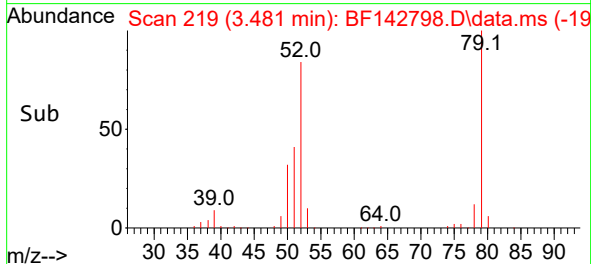
Instrument :
BNA_F
ClientSampleId :
PB168536BS



Tgt Ion: 79 Resp: 198280
Ion Ratio Lower Upper
79 100
52 84.1 69.2 103.8
51 41.5 33.2 49.8

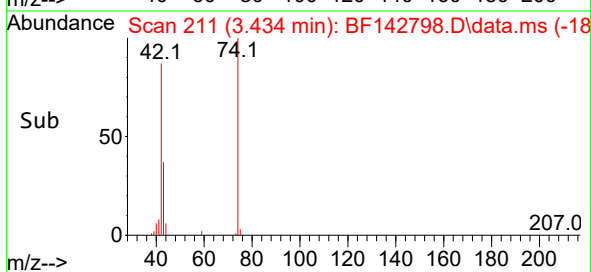
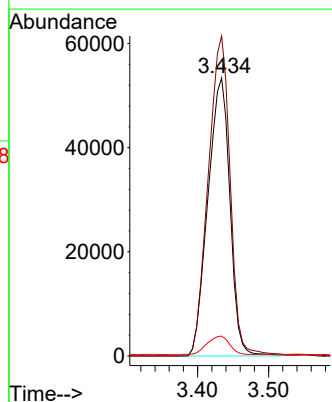
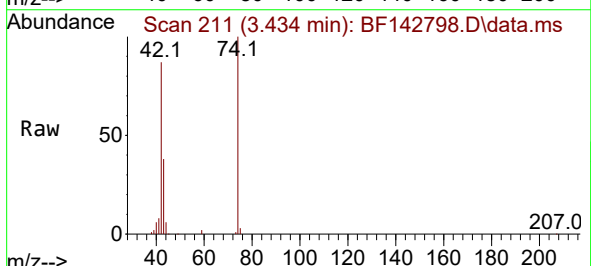
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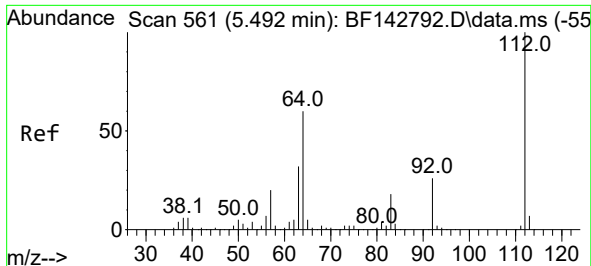
Reviewed By :Rahul Chavli 06/24/2025
Supervised By :Jagrut Upadhyay 06/24/2025



#4
n-Nitrosodimethylamine
Concen: 44.258 ng
RT: 3.434 min Scan# 211
Delta R.T. 0.077 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

Tgt Ion: 42 Resp: 114895
Ion Ratio Lower Upper
42 100
74 115.1 90.9 136.3
44 7.1 5.8 8.6





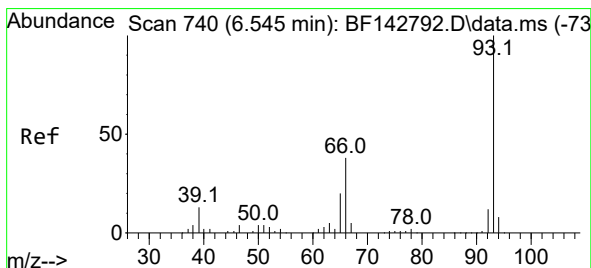
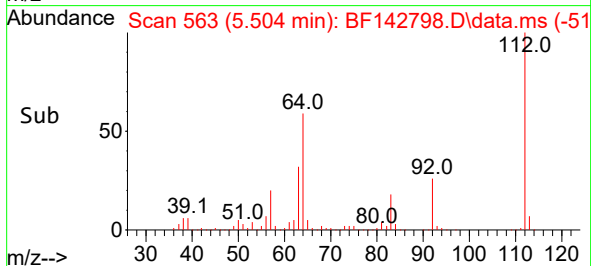
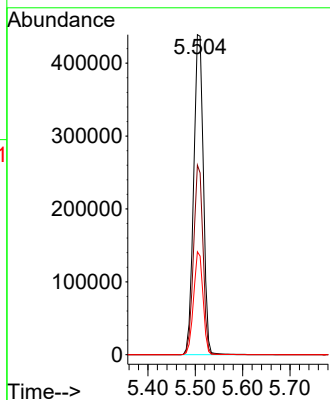
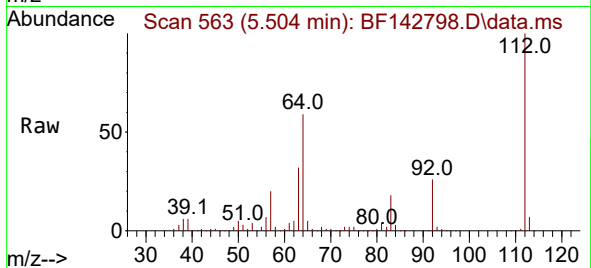
#5
2-Fluorophenol
Concen: 124.848 ng
RT: 5.504 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

Instrument :
BNA_F
ClientSampleId :
PB168536BS

Tgt Ion:112 Resp: 625050
Ion Ratio Lower Upper
112 100
64 59.3 48.2 72.2
63 32.1 25.7 38.5

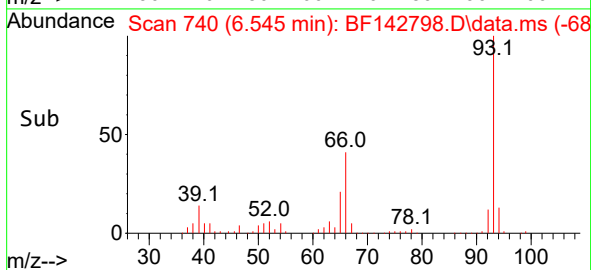
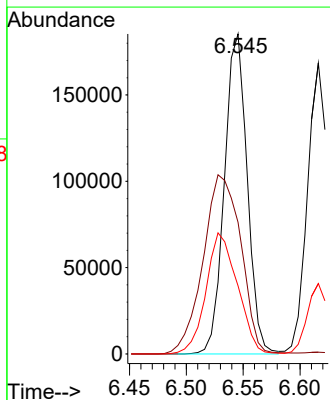
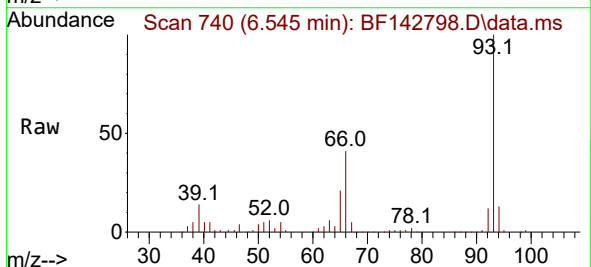
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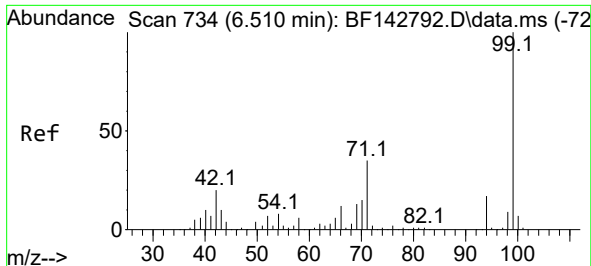
Reviewed By :Rahul Chavli 06/24/2025
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#6
Aniline
Concen: 32.877 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

Tgt Ion: 93 Resp: 258391
Ion Ratio Lower Upper
93 100
66 41.1 31.8 47.6
65 21.3 16.2 24.2





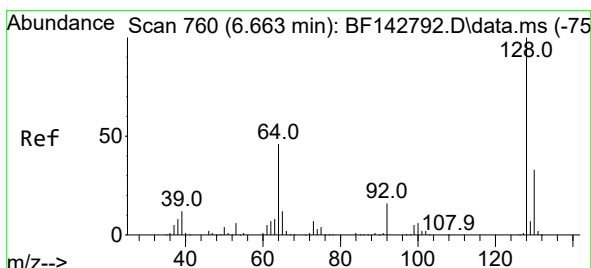
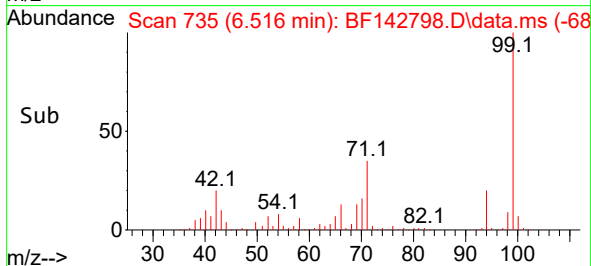
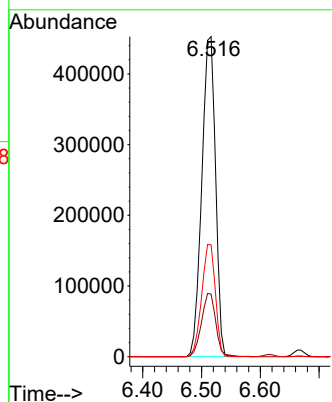
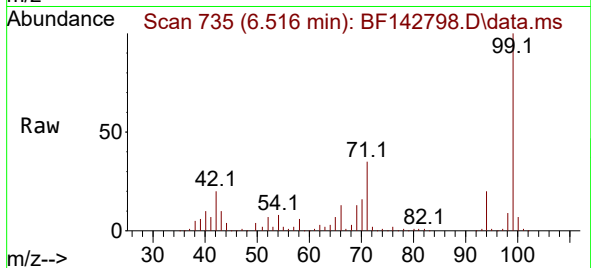
#7
Phenol-d6
Concen: 124.251 ng
RT: 6.516 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

Instrument :
BNA_F
ClientSampleId :
PB168536BS

Tgt Ion: 99 Resp: 733919
Ion Ratio Lower Upper
99 100
42 19.6 15.9 23.9
71 34.9 27.8 41.8

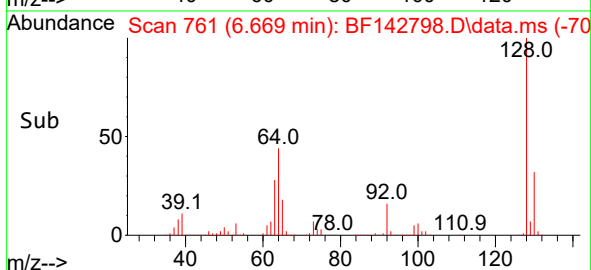
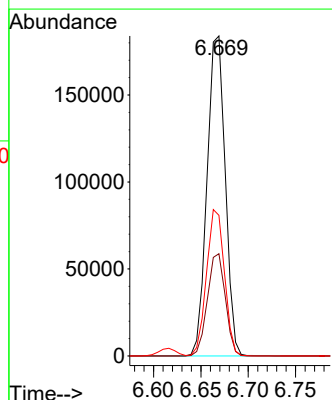
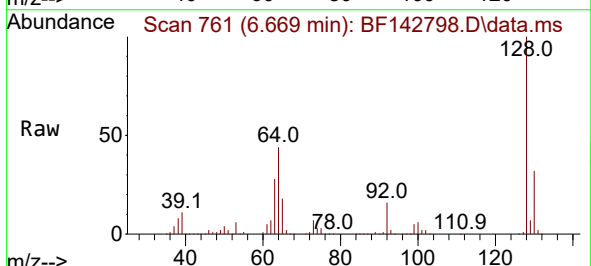
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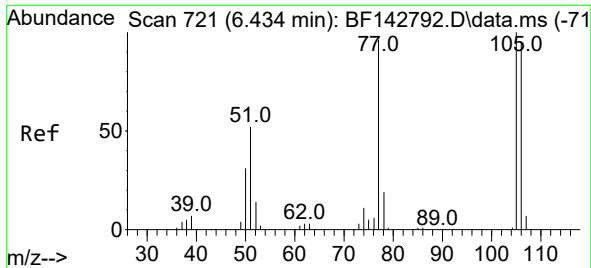
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#8
2-Chlorophenol
Concen: 45.372 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.006 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

Tgt Ion:128 Resp: 245036
Ion Ratio Lower Upper
128 100
130 31.9 12.7 52.7
64 44.0 26.5 66.5





#9
Benzaldehyde
Concen: 43.997 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

Instrument :

BNA_F

ClientSampleId :

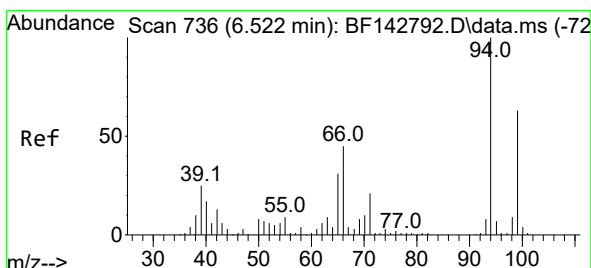
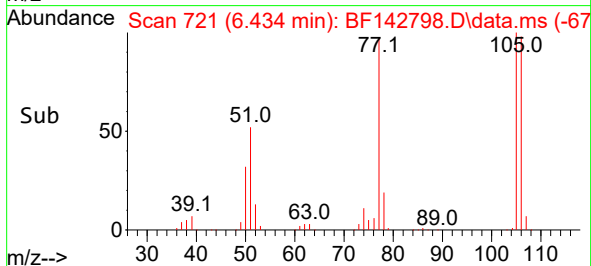
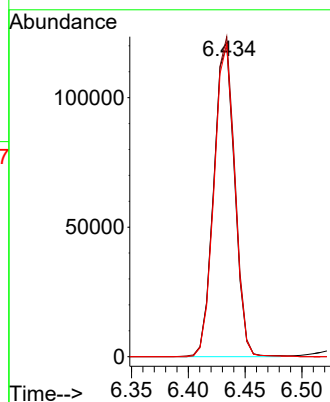
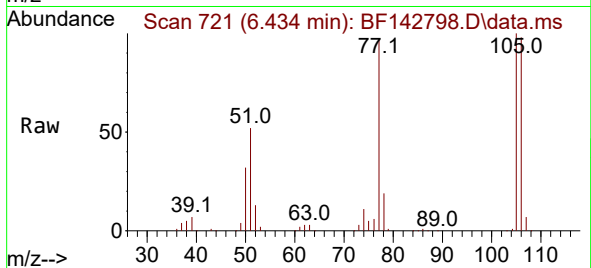
PB168536BS

Tgt Ion: 77 Resp: 154180
Ion Ratio Lower Upper
77 100
105 102.7 83.8 123.8
106 100.3 78.7 118.7

Manual Integrations

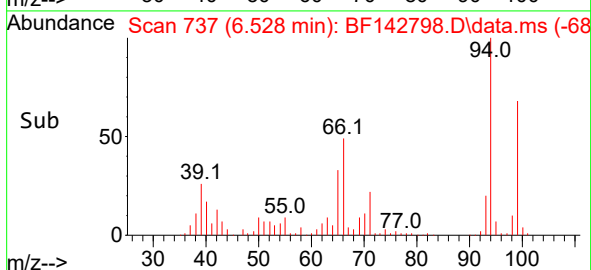
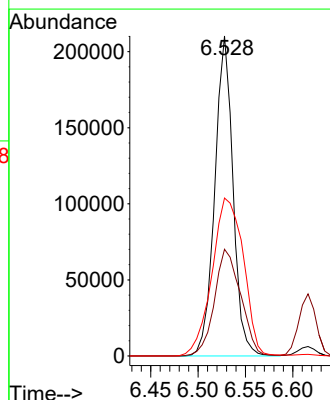
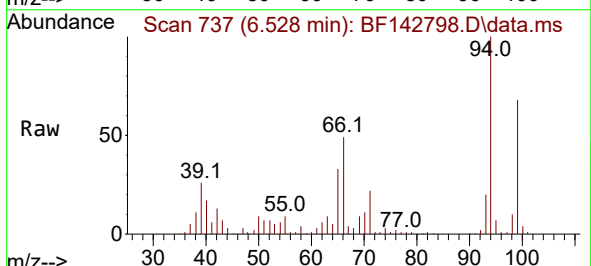
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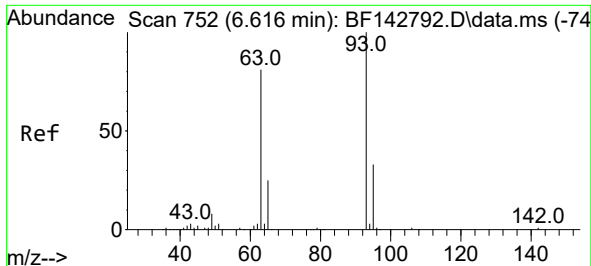
Reviewed By :Rahul Chavli 06/24/2025
Supervised By :Jagrut Upadhyay 06/24/2025



#10
Phenol
Concen: 42.909 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

Tgt Ion: 94 Resp: 281731
Ion Ratio Lower Upper
94 100
65 33.4 11.3 51.3
66 49.4 24.9 64.9





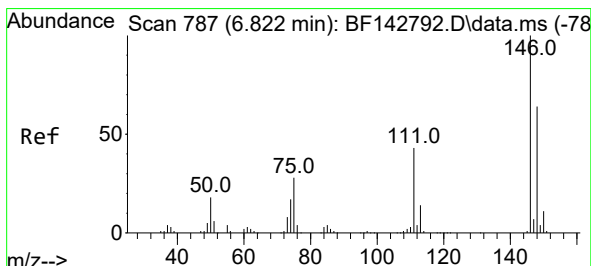
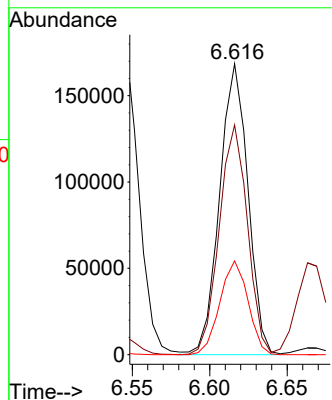
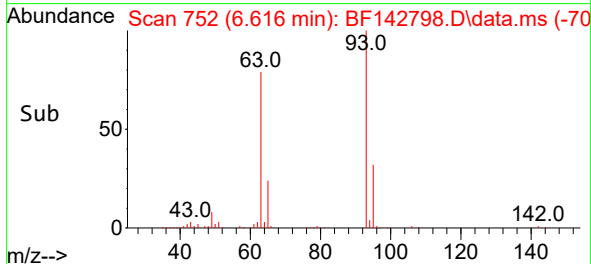
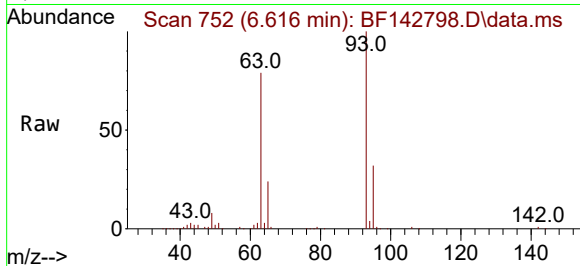
#11
bis(2-Chloroethyl)ether
Concen: 45.657 ng
RT: 6.616 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

Instrument :
BNA_F
ClientSampleId :
PB168536BS

Tgt Ion: 93 Resp: 214252
Ion Ratio Lower Upper
93 100
63 79.0 60.3 100.3
95 32.2 12.5 52.5

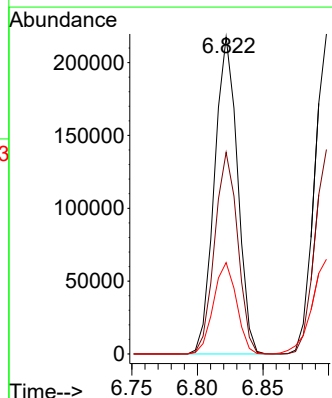
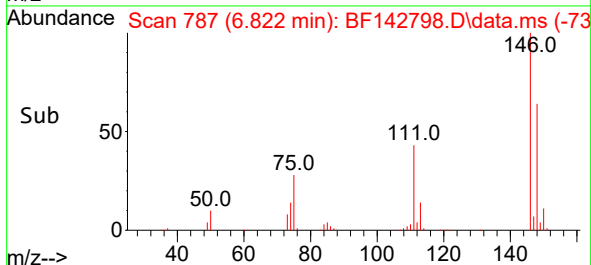
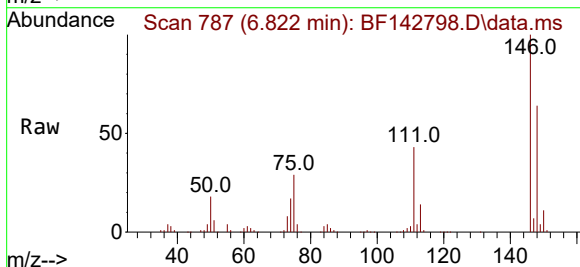
Manual Integrations
APPROVED

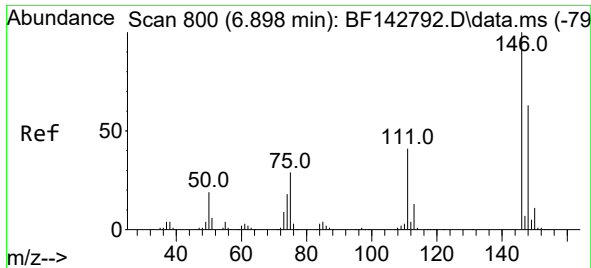
Reviewed By :Rahul Chavli 06/24/2025
Supervised By :Jagrut Upadhyay 06/24/2025



#12
1,3-Dichlorobenzene
Concen: 43.968 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

Tgt Ion:146 Resp: 265563
Ion Ratio Lower Upper
146 100
148 63.6 51.1 76.7
75 28.8 22.7 34.1





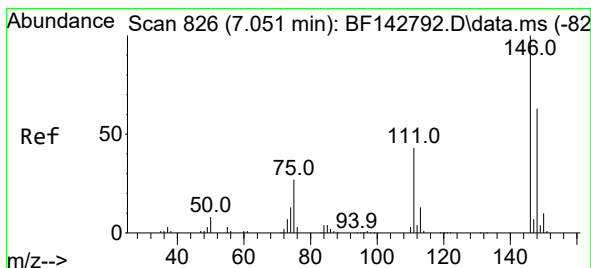
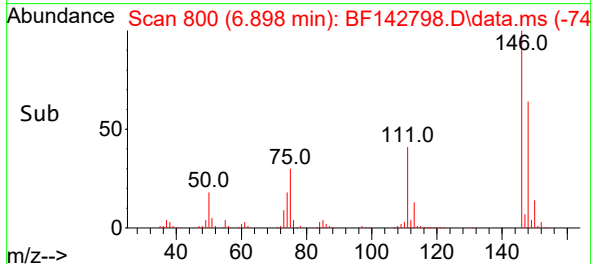
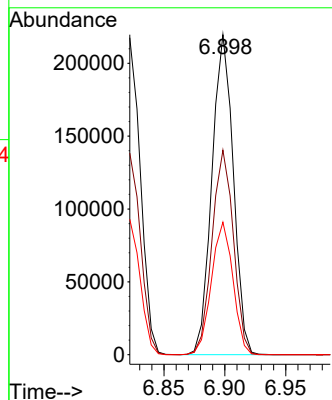
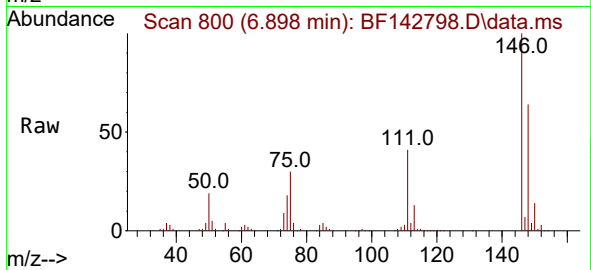
#13
1,4-Dichlorobenzene
Concen: 44.011 ng
RT: 6.898 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

Instrument :
BNA_F
ClientSampleId :
PB168536BS

Tgt Ion:146 Resp: 26819
Ion Ratio Lower Upper
146 100
148 63.9 50.2 75.2
111 41.4 33.2 49.8

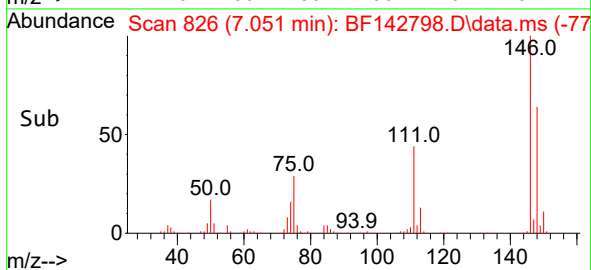
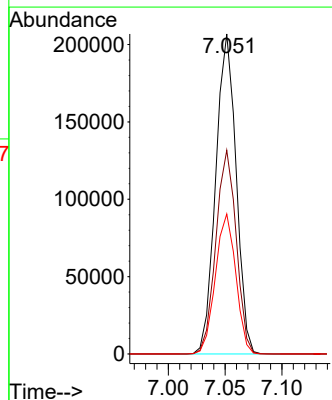
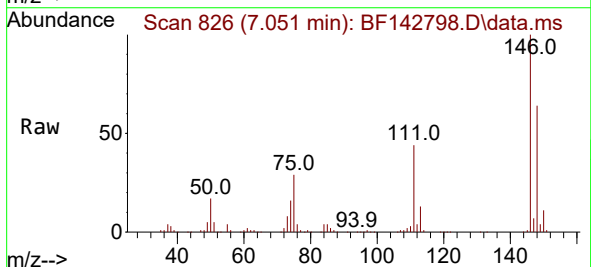
Manual Integrations
APPROVED

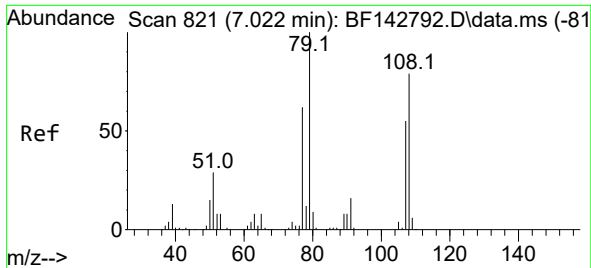
Reviewed By :Rahul Chavli 06/24/2025
Supervised By :Jagrut Upadhyay 06/24/2025



#14
1,2-Dichlorobenzene
Concen: 44.723 ng
RT: 7.051 min Scan# 826
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

Tgt Ion:146 Resp: 258499
Ion Ratio Lower Upper
146 100
148 63.6 50.4 75.6
111 43.8 34.1 51.1





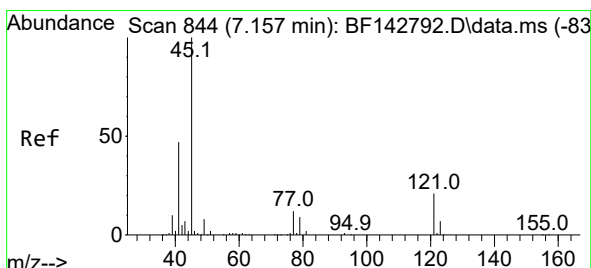
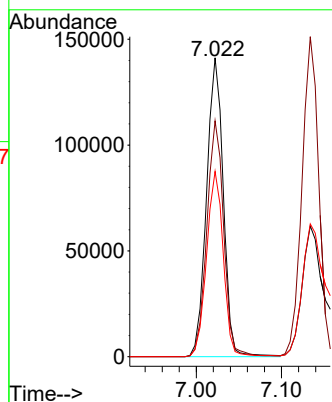
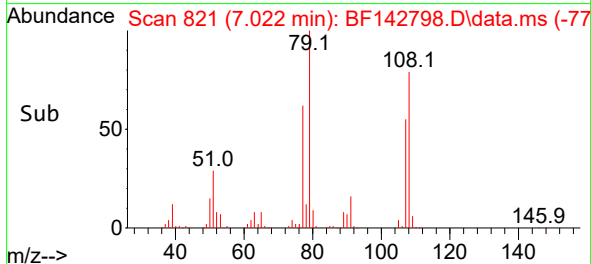
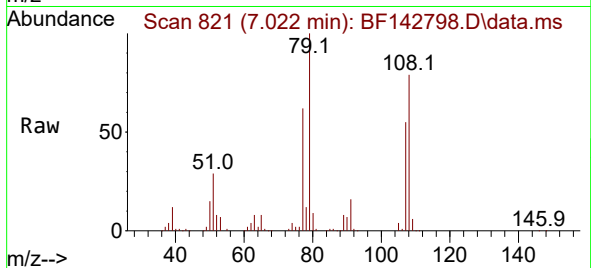
#15
Benzyl Alcohol
Concen: 45.178 ng
RT: 7.022 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

Instrument :
BNA_F
ClientSampleId :
PB168536BS

Tgt Ion: 79 Resp: 192910
Ion Ratio Lower Upper
79 100
108 78.9 63.4 95.0
77 62.0 49.5 74.3

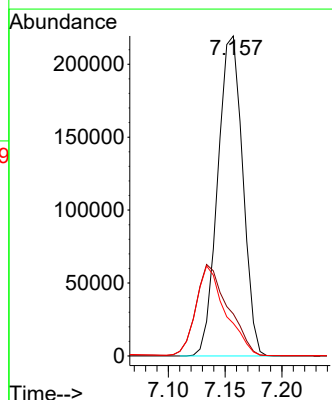
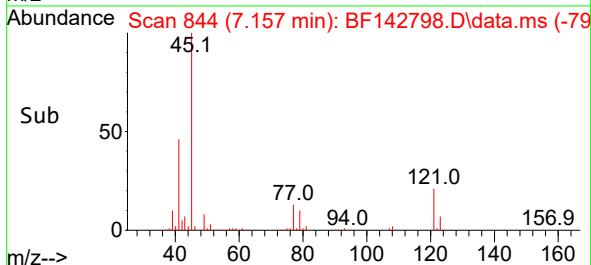
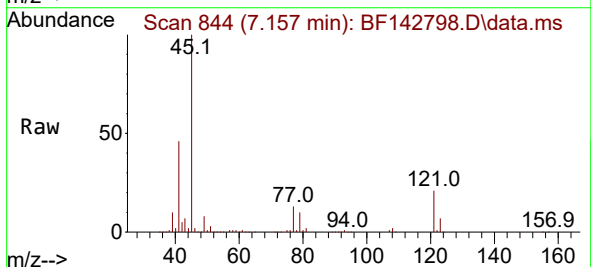
Manual Integrations
APPROVED

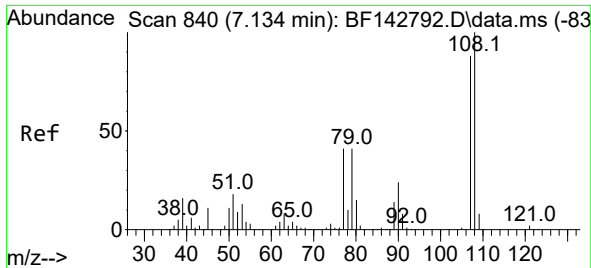
Reviewed By :Rahul Chavli 06/24/2025
Supervised By :Jagrut Upadhyay 06/24/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.481 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

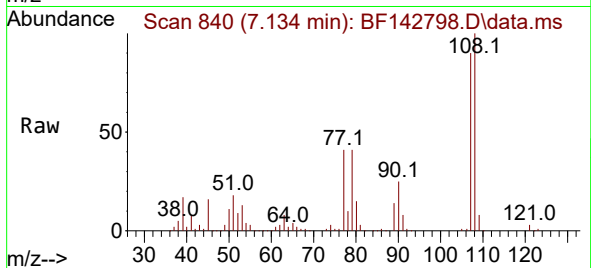
Tgt Ion: 45 Resp: 335358
Ion Ratio Lower Upper
45 100
77 13.1 0.0 32.8
79 10.2 0.0 29.8





#17
2-Methylphenol
Concen: 45.058 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

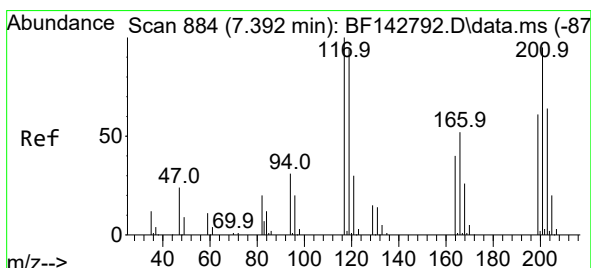
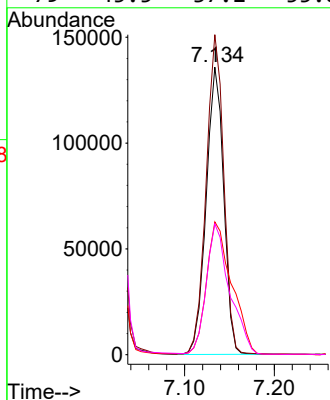
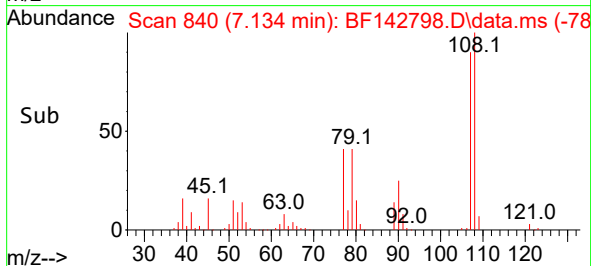
Instrument :
BNA_F
ClientSampleId :
PB168536BS



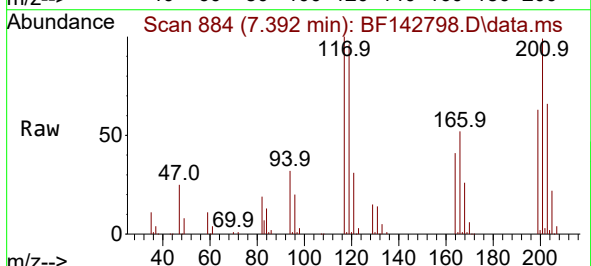
Tgt Ion:107 Resp: 18440
Ion Ratio Lower Upper
107 100
108 111.3 90.9 136.3
77 46.2 37.3 55.9
79 45.5 37.2 55.8

Manual Integrations
APPROVED

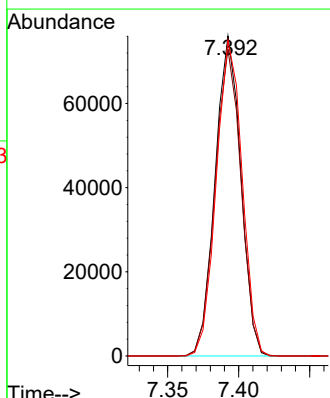
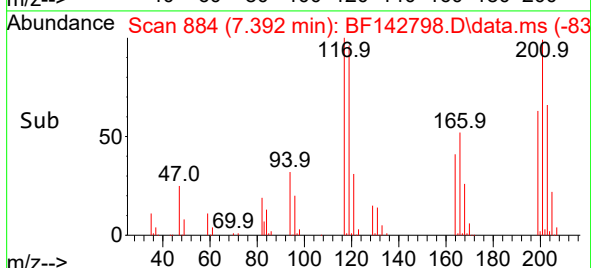
Reviewed By :Rahul Chavli 06/24/2025
Supervised By :Jagrut Upadhyay 06/24/2025

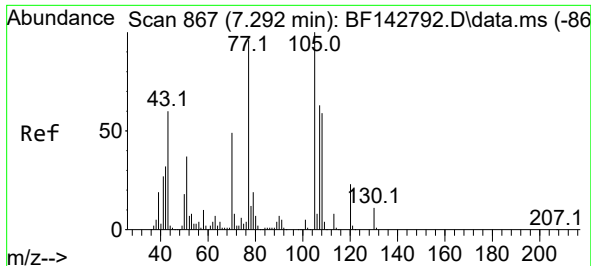


#18
Hexachloroethane
Concen: 44.787 ng
RT: 7.392 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40



Tgt Ion:117 Resp: 95461
Ion Ratio Lower Upper
117 100
119 95.8 75.4 113.0
201 98.6 75.9 113.9





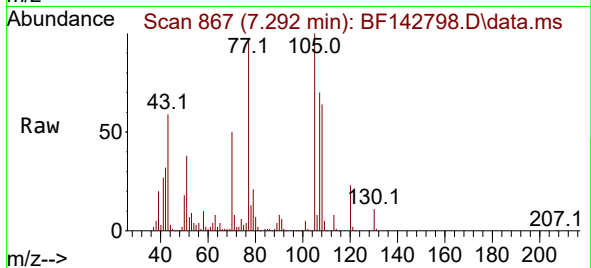
#19
n-Nitroso-di-n-propylamine
Concen: 45.027 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

Instrument :

BNA_F

ClientSampleId :

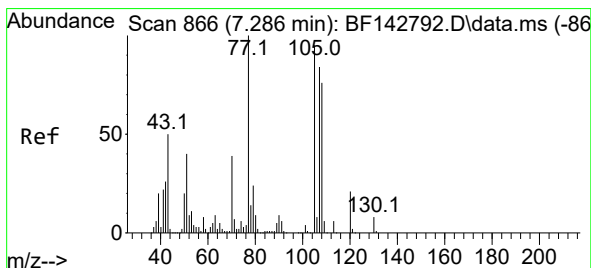
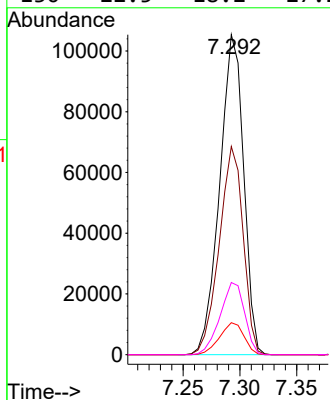
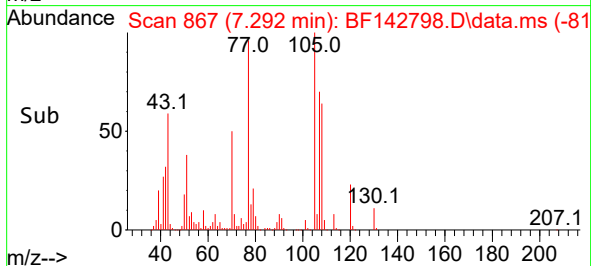
PB168536BS



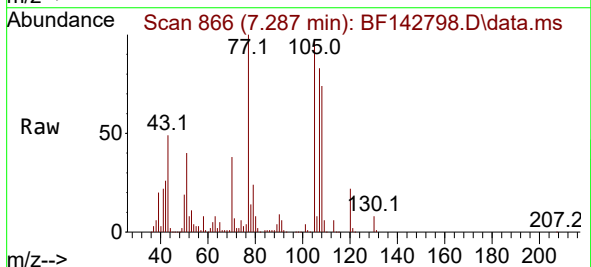
Tgt Ion: 70 Resp: 154685
Ion Ratio Lower Upper
70 100
42 65.1 52.1 78.1
101 10.0 8.2 12.2
130 22.5 18.2 27.2

Manual Integrations
APPROVED

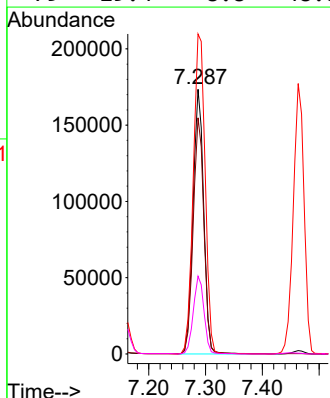
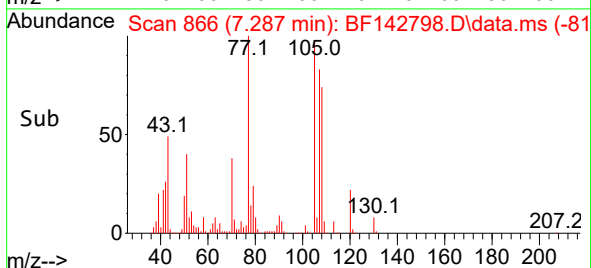
Reviewed By :Rahul Chavli 06/24/2025
Supervised By :Jagrut Upadhyay 06/24/2025

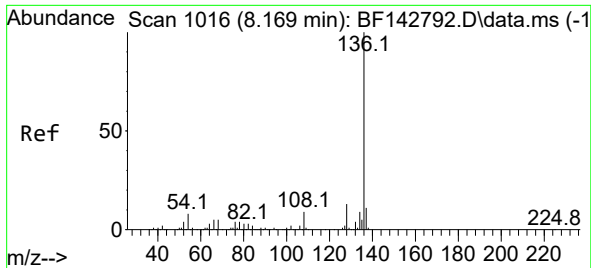


#20
3+4-Methylphenols
Concen: 44.634 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40



Tgt Ion:107 Resp: 227760
Ion Ratio Lower Upper
107 100
108 89.3 70.0 110.0
77 120.9 98.5 138.5
79 29.4 8.8 48.8





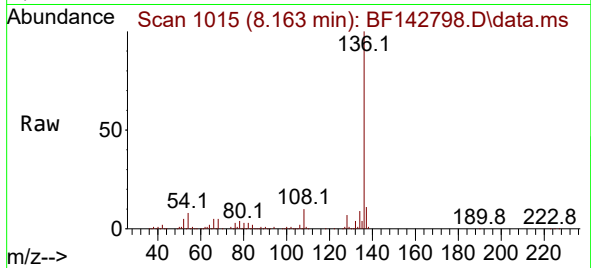
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

Instrument :

BNA_F

ClientSampleId :

PB168536BS



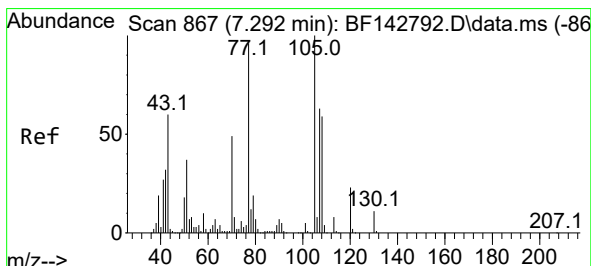
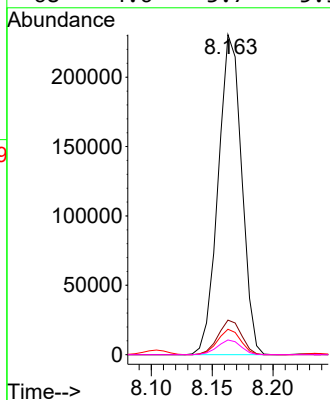
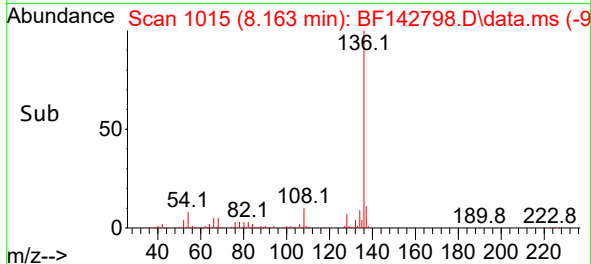
Tgt Ion:136 Resp: 309768
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.0 6.3 9.5
68 4.6 3.7 5.5

Manual Integrations

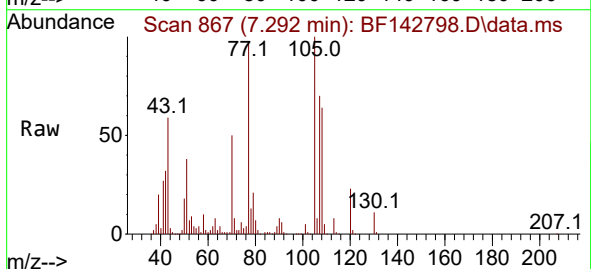
APPROVED

Reviewed By :Rahul Chavli 06/24/2025

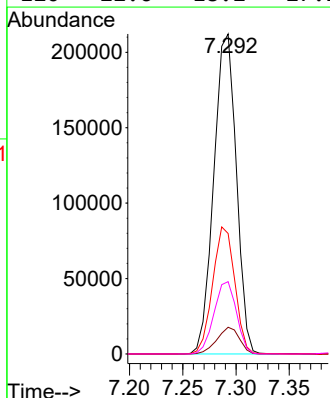
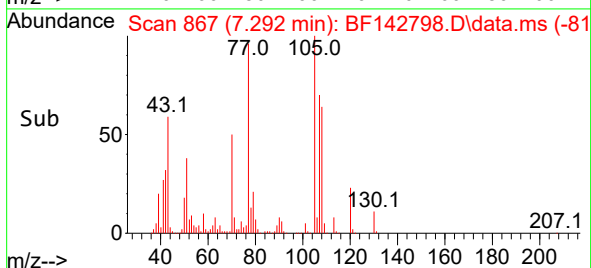
Supervised By :Jagrut Upadhyay 06/24/2025

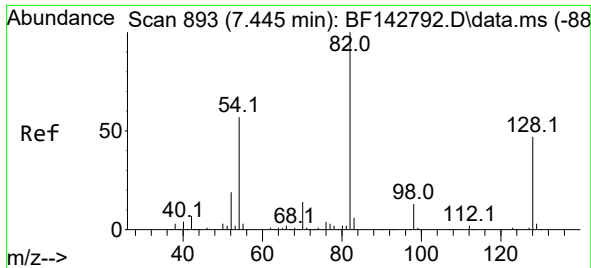


#22
Acetophenone
Concen: 45.644 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40



Tgt Ion:105 Resp: 311793
Ion Ratio Lower Upper
105 100
71 8.3 6.5 9.7
51 37.6 29.8 44.8
120 22.6 18.2 27.2





#23
Nitrobenzene-d5
Concen: 81.171 ng
RT: 7.445 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

Instrument :

BNA_F

ClientSampleId :

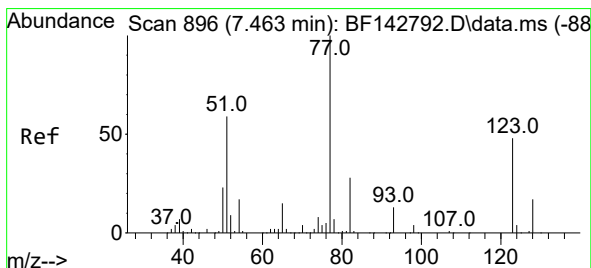
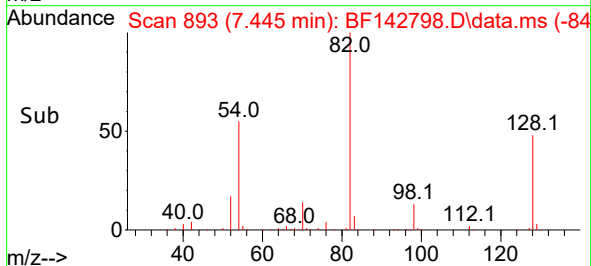
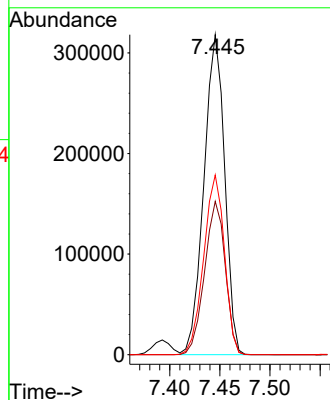
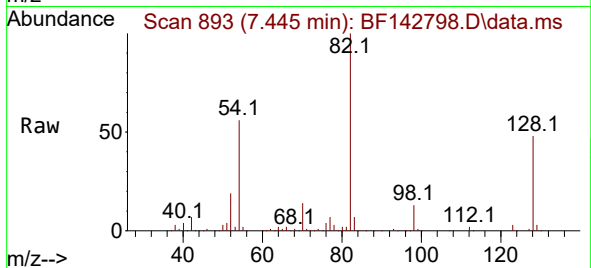
PB168536BS

Tgt Ion: 82 Resp: 458408
Ion Ratio Lower Upper
82 100
128 47.9 37.7 56.5
54 56.1 45.7 68.5

Manual Integrations

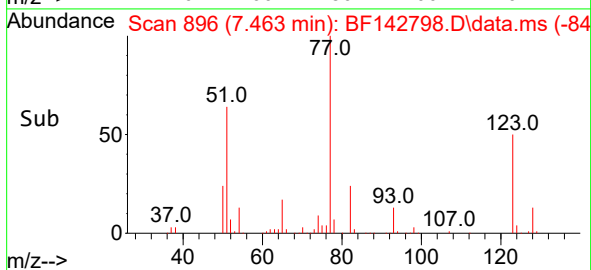
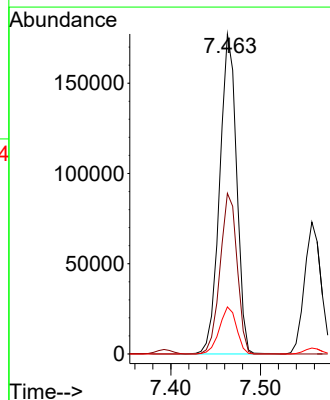
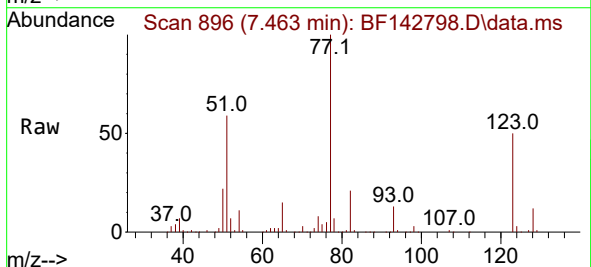
APPROVED

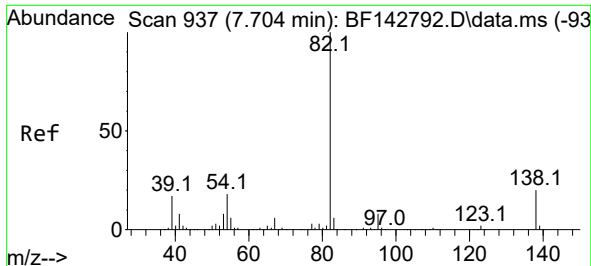
Reviewed By :Rahul Chavli 06/24/2025
Supervised By :Jagrut Upadhyay 06/24/2025



#24
Nitrobenzene
Concen: 45.472 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

Tgt Ion: 77 Resp: 232428
Ion Ratio Lower Upper
77 100
123 50.2 39.2 58.8
65 14.7 11.6 17.4





#25
Isophorone
Concen: 45.521 ng
RT: 7.704 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

Instrument :

BNA_F

ClientSampleId :

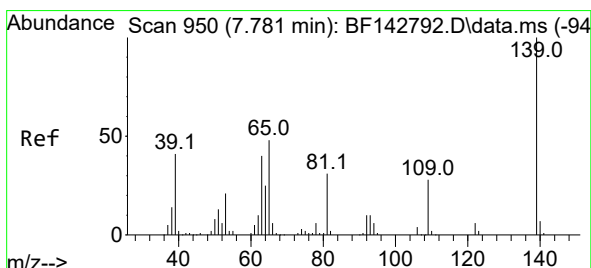
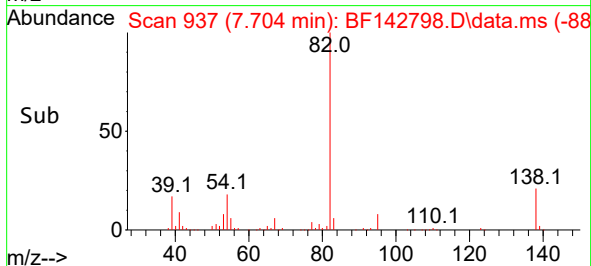
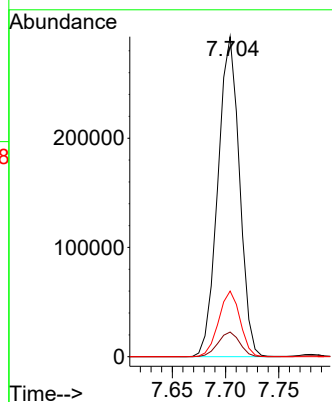
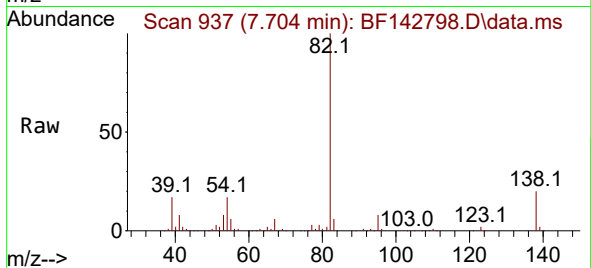
PB168536BS

Tgt Ion: 82 Resp: 412390
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.2
138 20.5 16.2 24.4

Manual Integrations

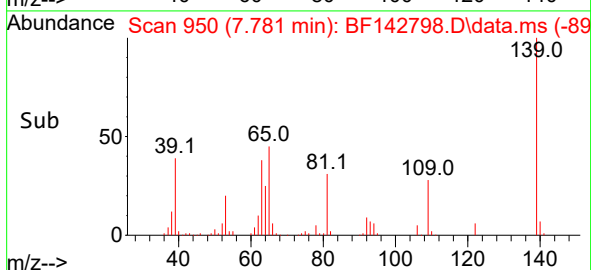
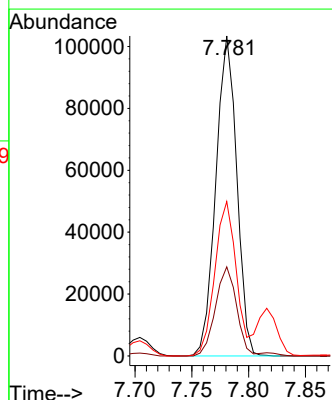
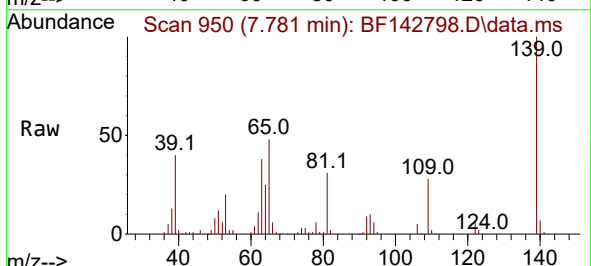
APPROVED

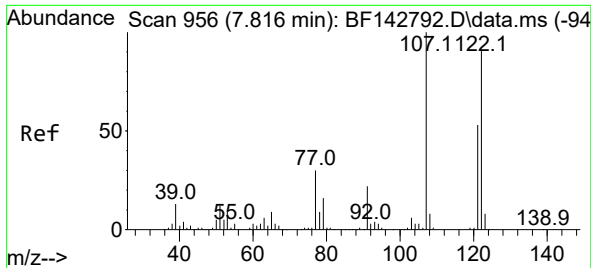
Reviewed By :Rahul Chavli 06/24/2025
Supervised By :Jagrut Upadhyay 06/24/2025



#26
2-Nitrophenol
Concen: 47.576 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

Tgt Ion:139 Resp: 132472
Ion Ratio Lower Upper
139 100
109 27.9 22.7 34.1
65 48.2 38.6 58.0





#27
2,4-Dimethylphenol
Concen: 44.698 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

Instrument :

BNA_F

ClientSampleId :

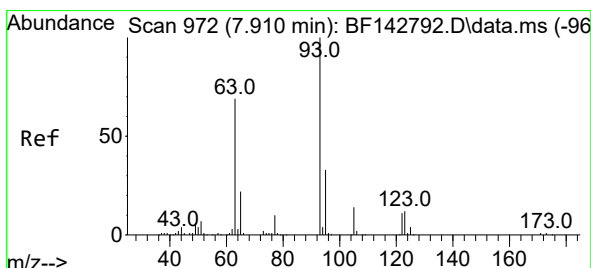
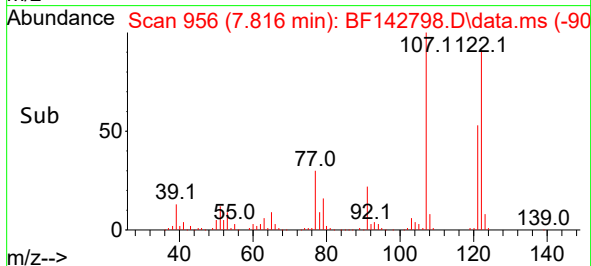
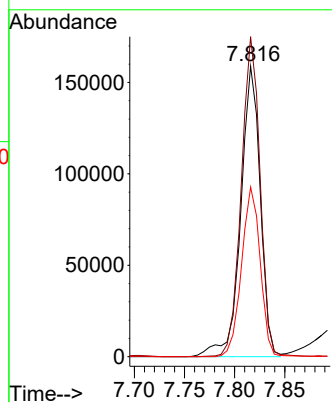
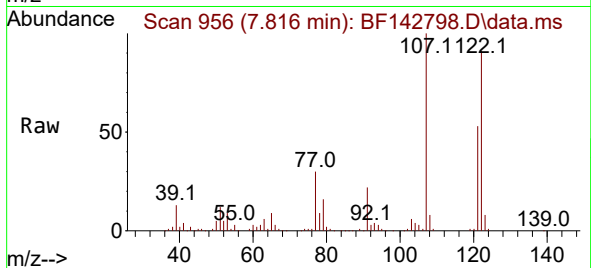
PB168536BS

Tgt Ion:122 Resp: 21558
Ion Ratio Lower Upper
122 100
107 110.1 88.0 132.0
121 58.3 46.3 69.5

Manual Integrations

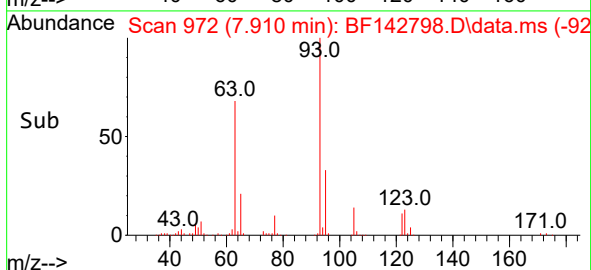
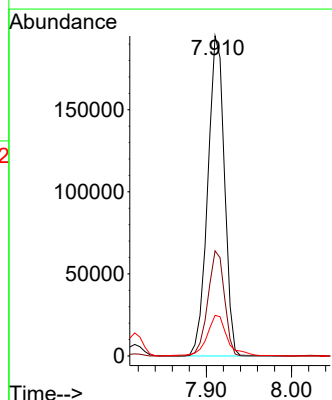
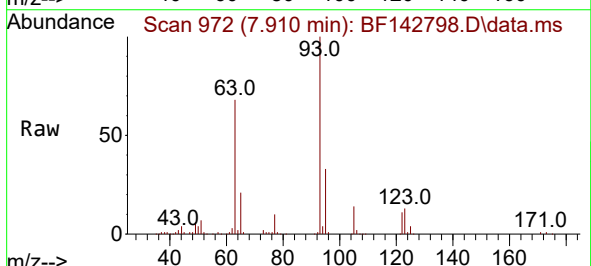
APPROVED

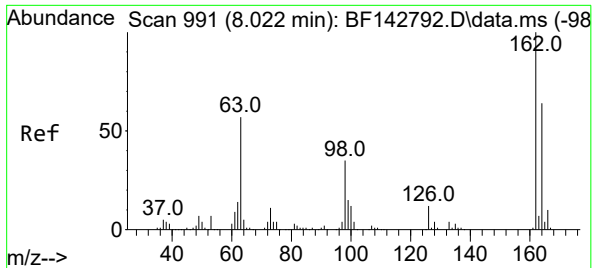
Reviewed By :Rahul Chavli 06/24/2025
Supervised By :Jagrut Upadhyay 06/24/2025



#28
bis(2-Chloroethoxy)methane
Concen: 45.974 ng
RT: 7.910 min Scan# 972
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

Tgt Ion: 93 Resp: 264787
Ion Ratio Lower Upper
93 100
95 32.8 26.2 39.2
123 12.7 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 44.966 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF142798.D

Acq: 19 Jun 2025 22:40

Instrument :

BNA_F

ClientSampleId :

PB168536BS

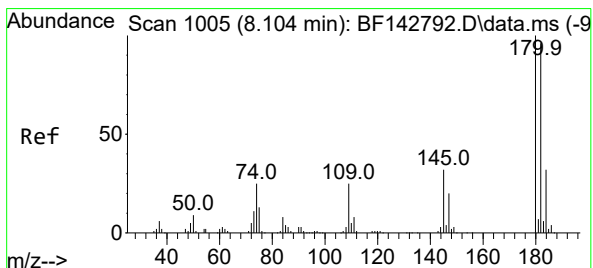
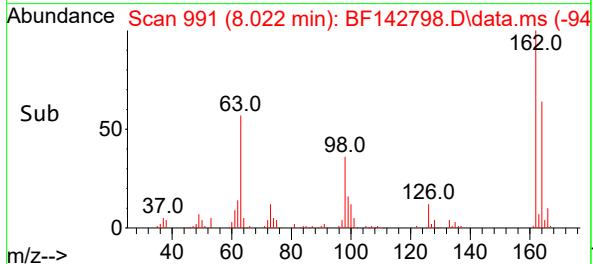
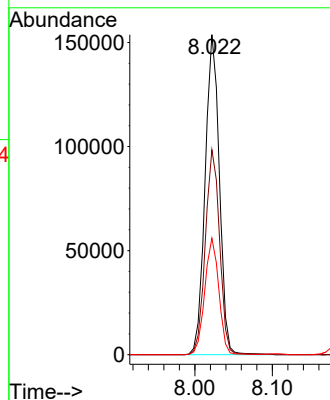
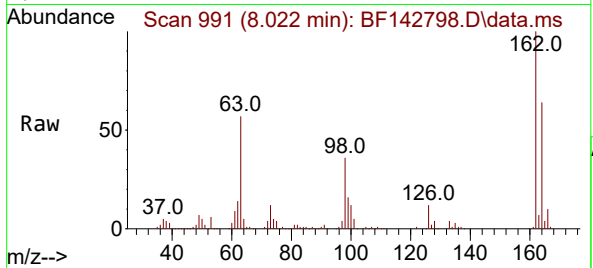
Tgt Ion:162 Resp: 196645
 Ion Ratio Lower Upper
 162 100
 164 64.0 44.0 84.0
 98 36.4 15.4 55.4

Manual Integrations

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Reviewed By :Rahul Chavli 06/24/2025

Supervised By :Jagrut Upadhyay 06/24/2025



#30

1,2,4-Trichlorobenzene

Concen: 45.802 ng

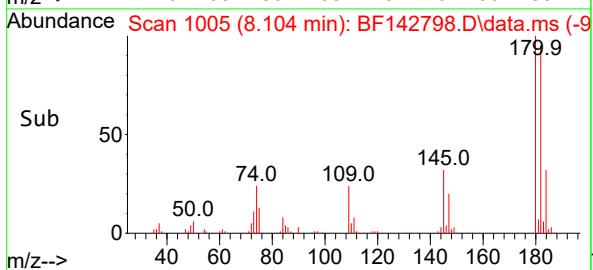
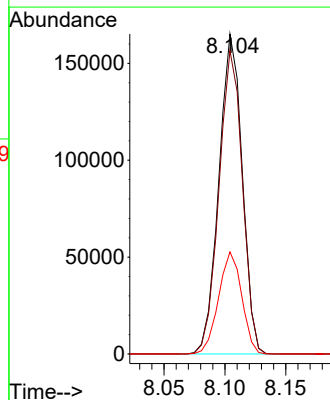
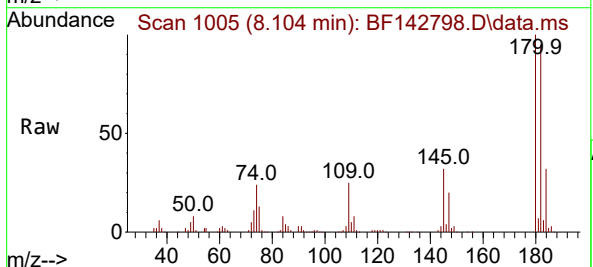
RT: 8.104 min Scan# 1005

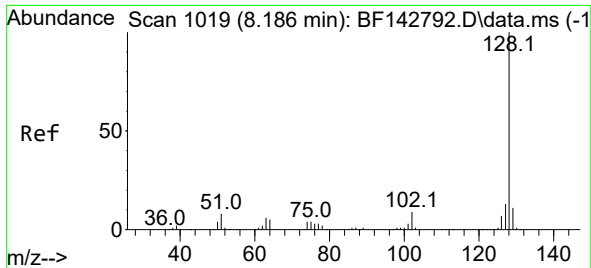
Delta R.T. 0.000 min

Lab File: BF142798.D

Acq: 19 Jun 2025 22:40

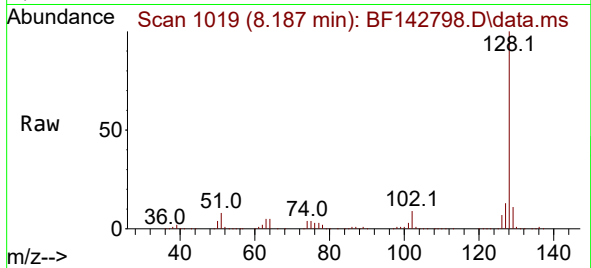
Tgt Ion:180 Resp: 220256
 Ion Ratio Lower Upper
 180 100
 182 94.7 76.4 114.6
 145 31.9 25.8 38.8





#31
Naphthalene
Concen: 45.435 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

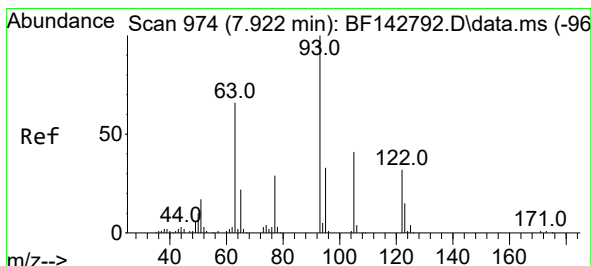
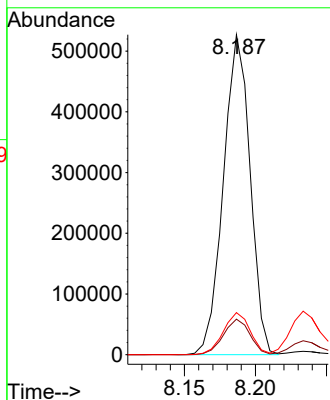
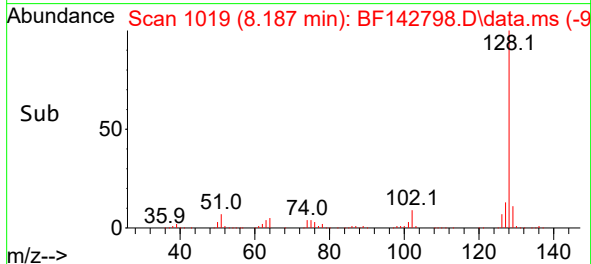
Instrument :
BNA_F
ClientSampleId :
PB168536BS



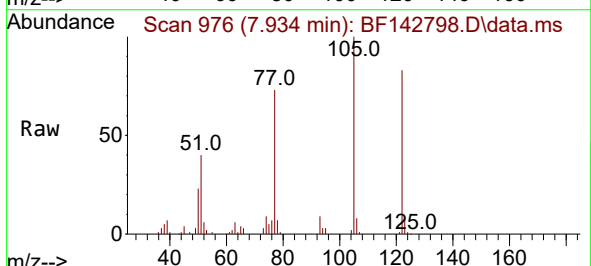
Tgt Ion:128 Resp: 688912
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.2 10.4 15.6

Manual Integrations
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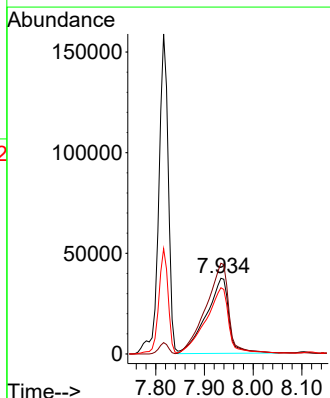
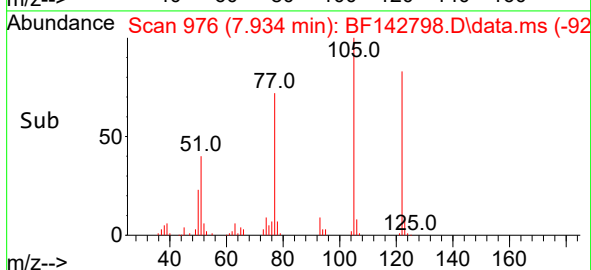
Reviewed By :Rahul Chavli 06/24/2025
Supervised By :Jagrut Upadhyay 06/24/2025

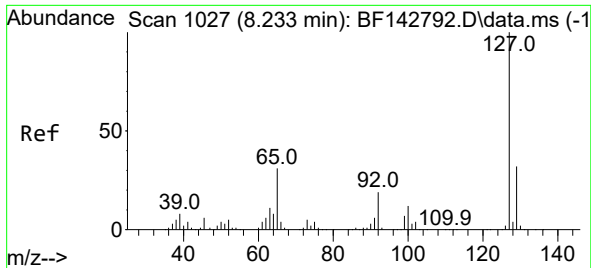


#32
Benzoic acid
Concen: 49.263 ng
RT: 7.934 min Scan# 976
Delta R.T. 0.012 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40



Tgt Ion:122 Resp: 121104
Ion Ratio Lower Upper
122 100
105 119.9 104.7 144.7
77 87.7 70.2 110.2





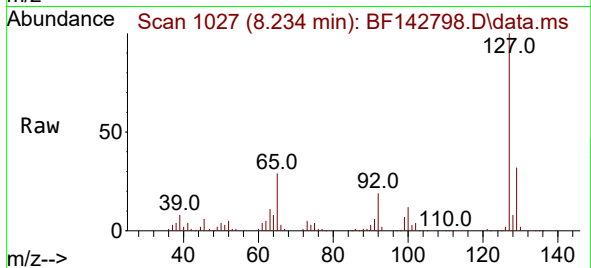
#33
4-Chloroaniline
Concen: 19.101 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

Instrument :

BNA_F

ClientSampleId :

PB168536BS



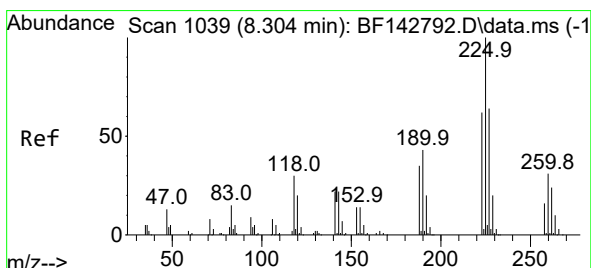
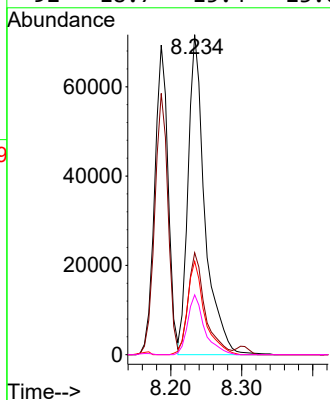
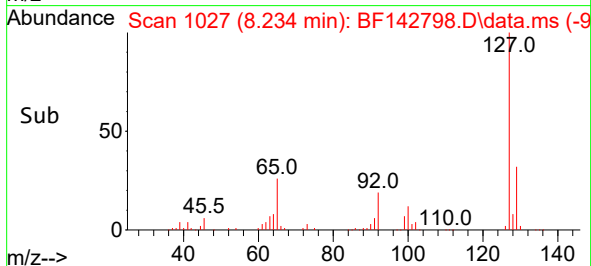
Tgt Ion:127 Resp: 117760
Ion Ratio Lower Upper
127 100
129 31.9 25.9 38.9
65 29.2 24.6 36.8
92 18.7 15.4 23.0

Manual Integrations

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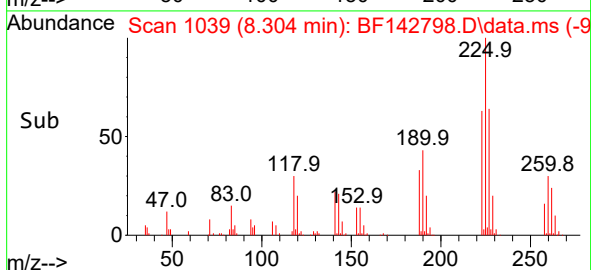
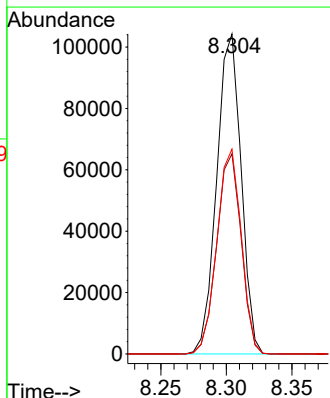
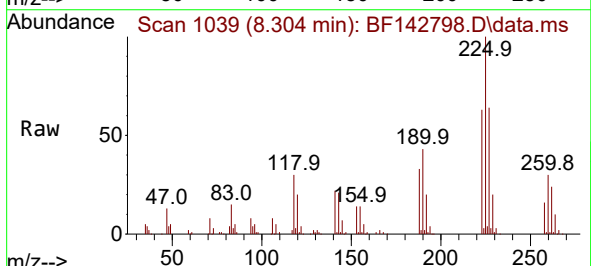
Reviewed By :Rahul Chavli 06/24/2025

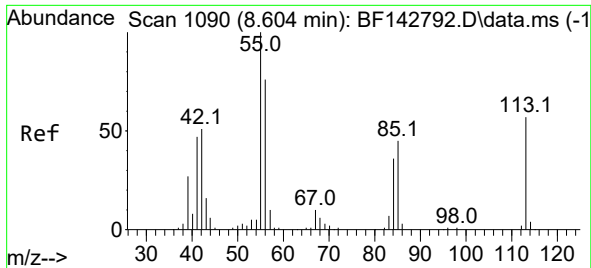
Supervised By :Jagrut Upadhyay 06/24/2025



#34
Hexachlorobutadiene
Concen: 45.883 ng
RT: 8.304 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

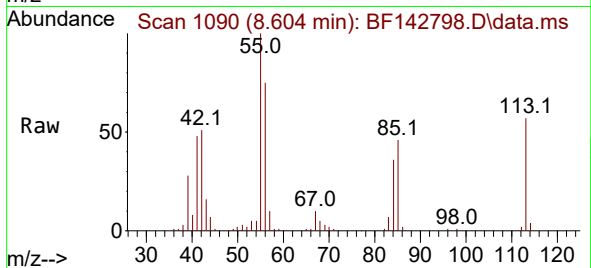
Tgt Ion:225 Resp: 134963
Ion Ratio Lower Upper
225 100
223 62.6 49.9 74.9
227 64.0 51.4 77.0





#35
 Caprolactam
 Concen: 48.463 ng m
 RT: 8.604 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: BF142798.D
 Acq: 19 Jun 2025 22:40

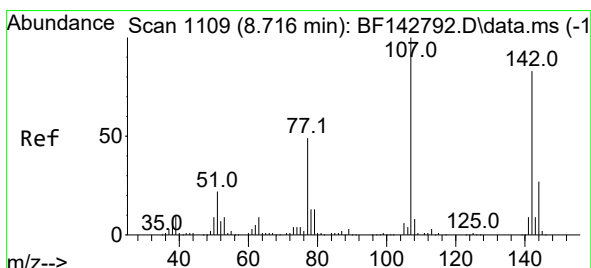
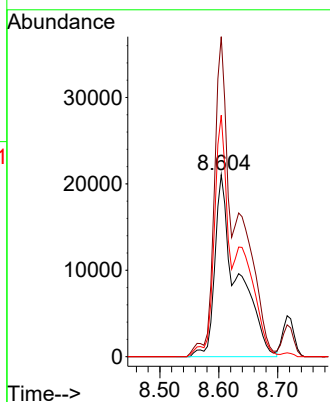
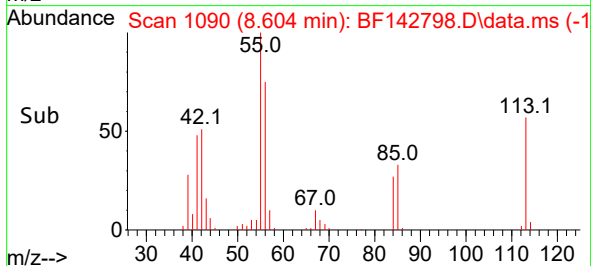
Instrument :
 BNA_F
 ClientSampleId :
 PB168536BS



Tgt Ion:113 Resp: 55920
 Ion Ratio Lower Upper
 113 100
 55 175.8 154.4 194.4
 56 132.7 112.1 152.1

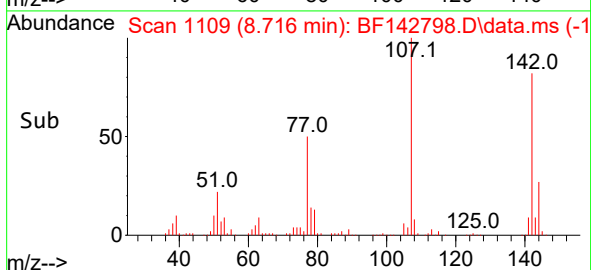
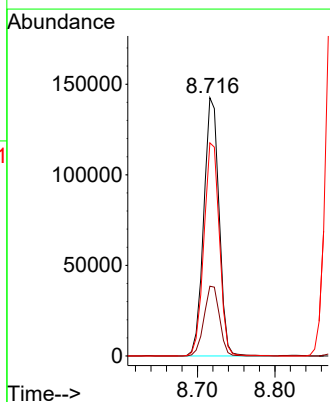
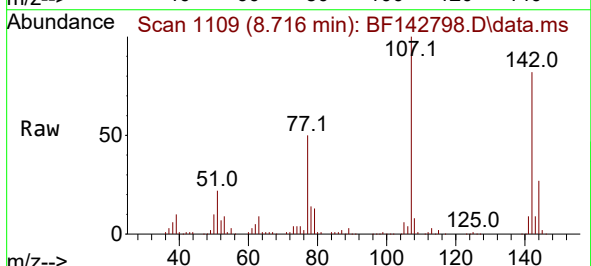
Manual Integrations
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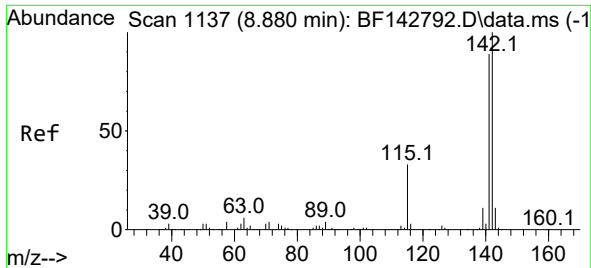
Reviewed By :Rahul Chavli 06/24/2025
 Supervised By :Jagrut Upadhyay 06/24/2025



#36
 4-Chloro-3-methylphenol
 Concen: 45.050 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF142798.D
 Acq: 19 Jun 2025 22:40

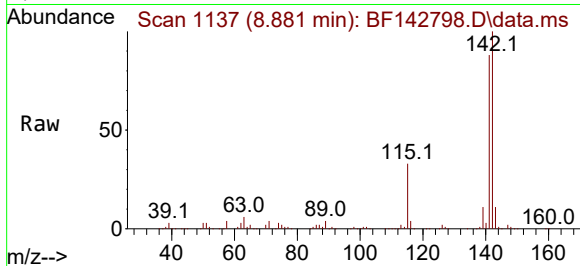
Tgt Ion:107 Resp: 195799
 Ion Ratio Lower Upper
 107 100
 144 27.0 21.3 31.9
 142 82.5 66.6 100.0





#37
2-Methylnaphthalene
Concen: 45.264 ng
RT: 8.881 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

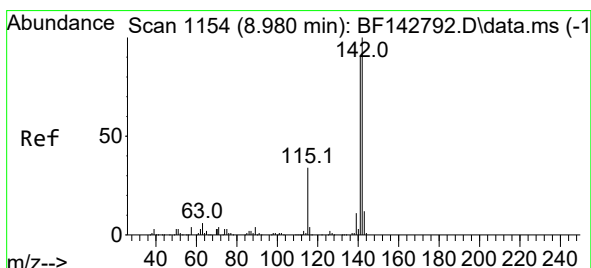
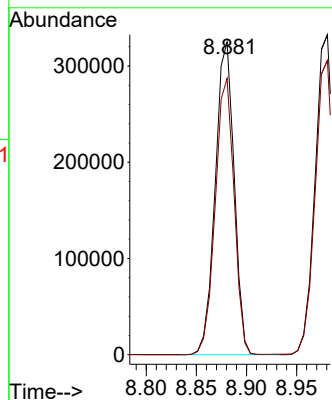
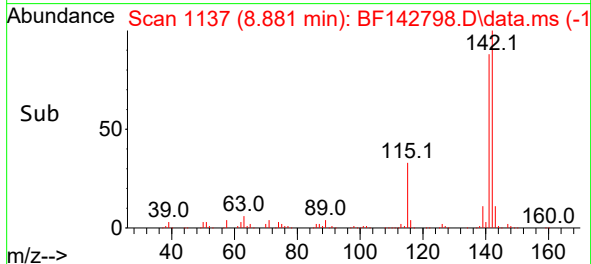
Instrument :
BNA_F
ClientSampleId :
PB168536BS



Tgt Ion:142 Resp: 425492
Ion Ratio Lower Upper
142 100
141 88.4 70.9 106.3

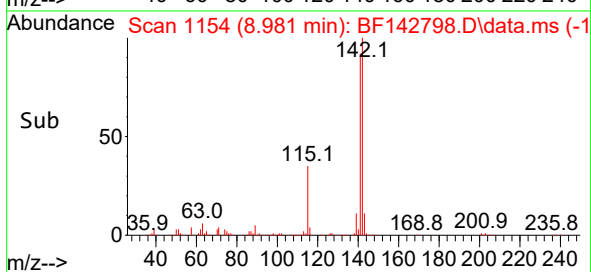
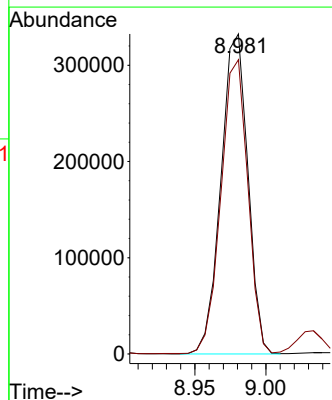
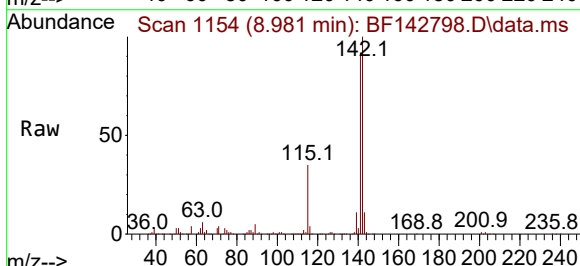
Manual Integrations
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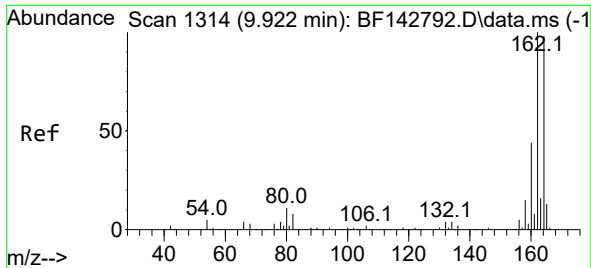
Reviewed By :Rahul Chavli 06/24/2025
Supervised By :Jagrut Upadhyay 06/24/2025



#38
1-Methylnaphthalene
Concen: 45.026 ng
RT: 8.981 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

Tgt Ion:142 Resp: 438148
Ion Ratio Lower Upper
142 100
141 92.0 73.0 109.4





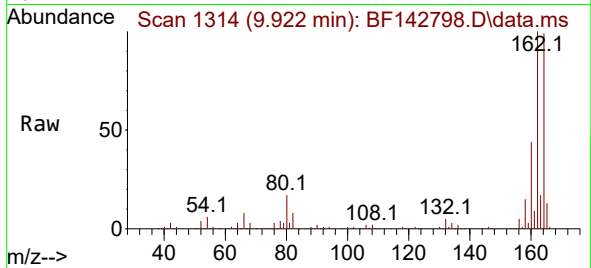
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

Instrument :

BNA_F

ClientSampleId :

PB168536BS



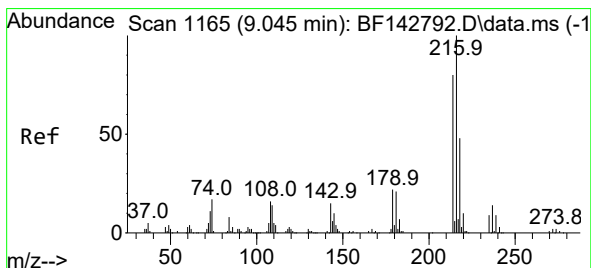
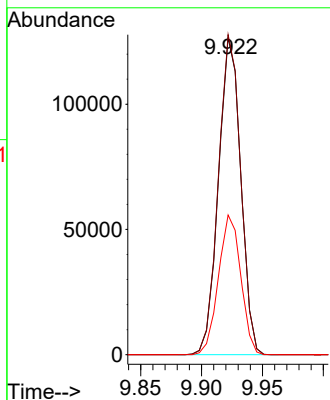
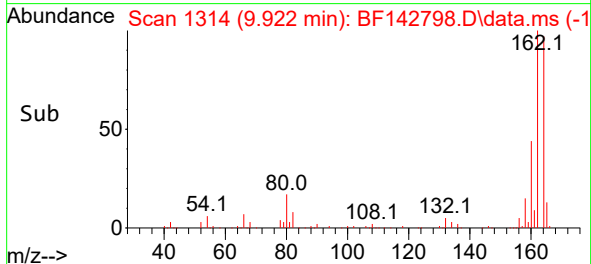
Tgt Ion:164 Resp: 161197
Ion Ratio Lower Upper
164 100
162 100.9 81.8 122.8
160 44.1 36.0 54.0

Manual Integrations

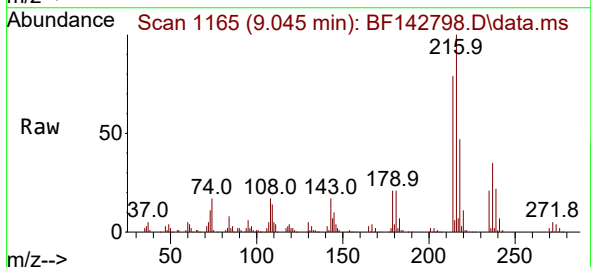
APPROVED

Reviewed By :Rahul Chavli 06/24/2025

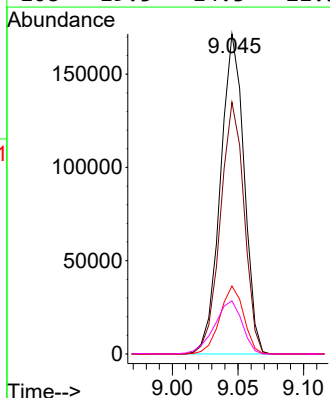
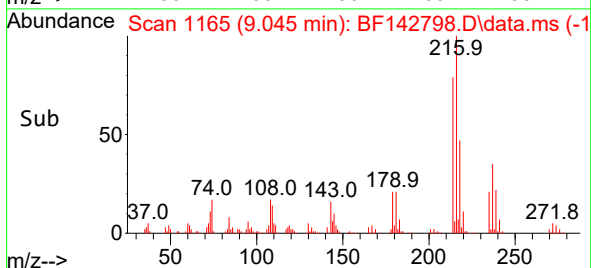
Supervised By :Jagrut Upadhyay 06/24/2025

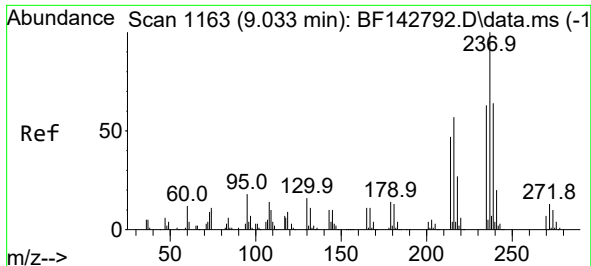


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.258 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40



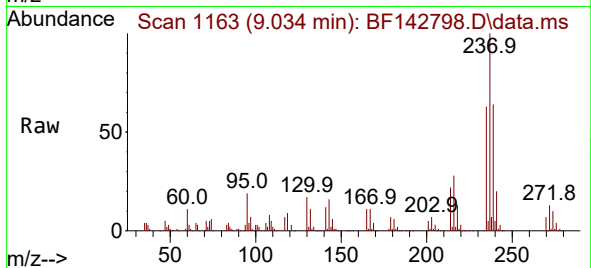
Tgt Ion:216 Resp: 215266
Ion Ratio Lower Upper
216 100
214 78.7 63.7 95.5
179 21.3 17.6 26.4
108 19.5 14.3 21.5





#41
Hexachlorocyclopentadiene
Concen: 99.683 ng
RT: 9.034 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

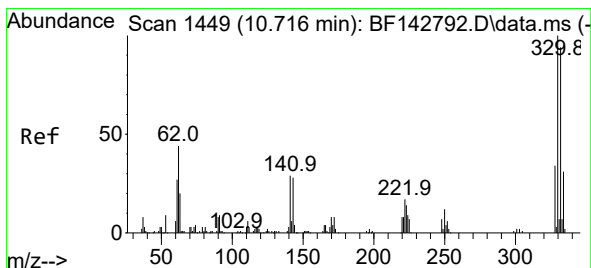
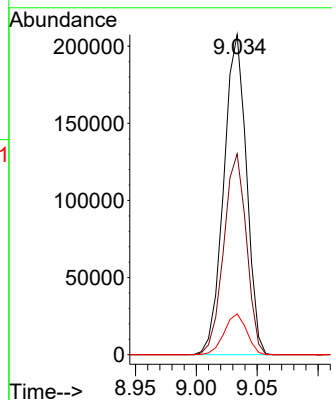
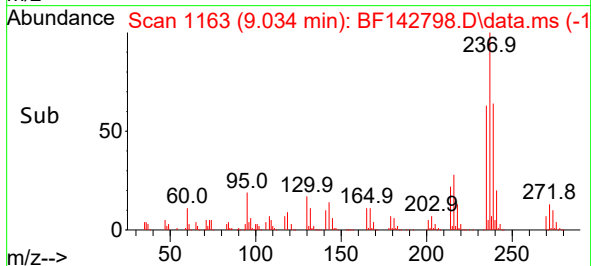
Instrument :
BNA_F
ClientSampleId :
PB168536BS



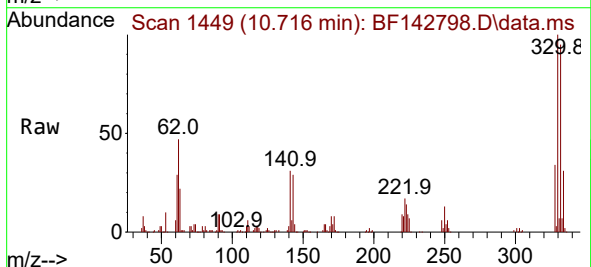
Tgt Ion:237 Resp: 269060
Ion Ratio Lower Upper
237 100
235 62.8 43.4 83.4
272 12.8 0.0 32.7

Manual Integrations
APPROVED

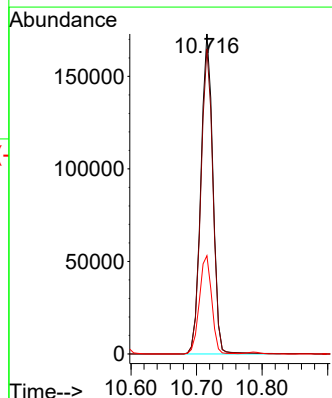
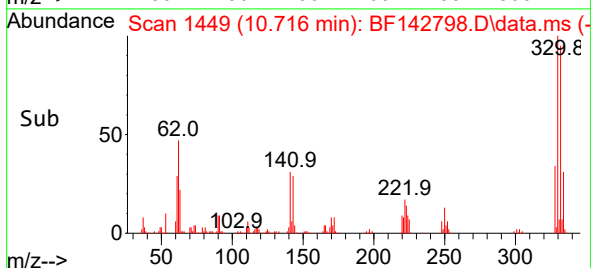
Reviewed By :Rahul Chavli 06/24/2025
Supervised By :Jagrut Upadhyay 06/24/2025

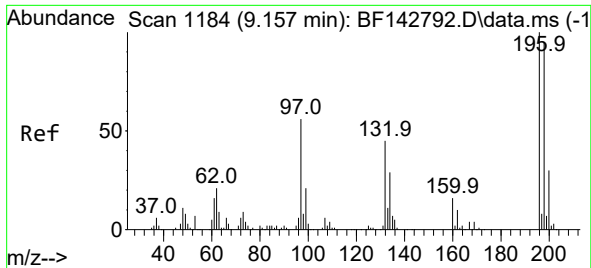


#42
2,4,6-Tribromophenol
Concen: 132.878 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40



Tgt Ion:330 Resp: 220421
Ion Ratio Lower Upper
330 100
332 95.9 75.0 112.6
141 31.5 25.3 37.9





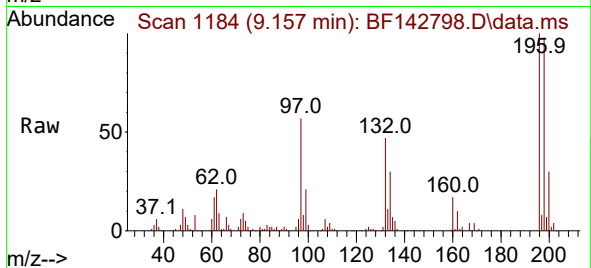
#43
2,4,6-Trichlorophenol
Concen: 45.560 ng
RT: 9.157 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

Instrument :

BNA_F

ClientSampleId :

PB168536BS



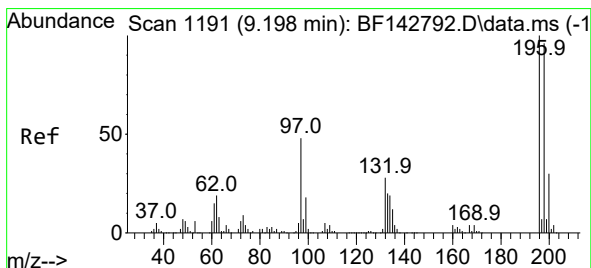
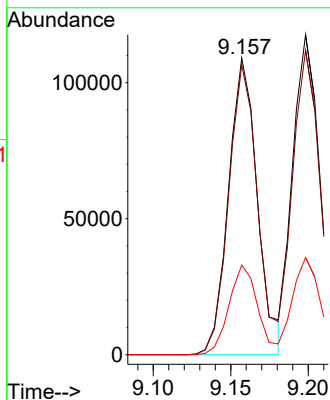
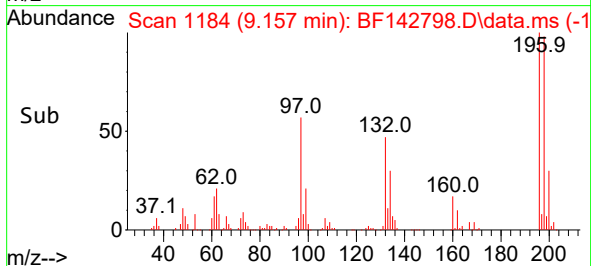
Tgt Ion:196 Resp: 141207
Ion Ratio Lower Upper
196 100
198 97.8 76.2 114.2
200 30.2 24.1 36.1

Manual Integrations

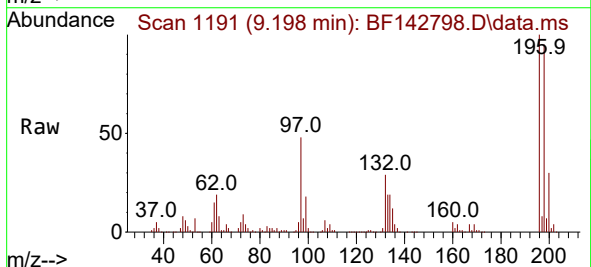
APPROVED

Reviewed By :Rahul Chavli 06/24/2025

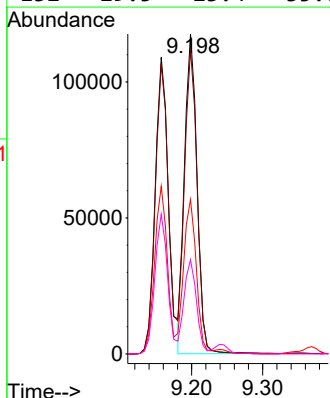
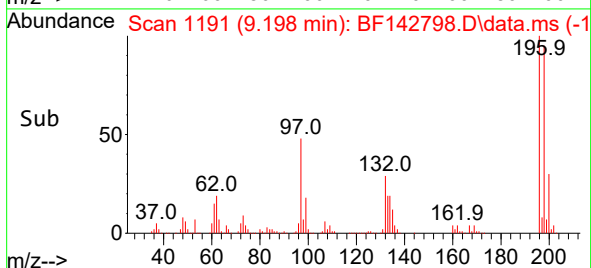
Supervised By :Jagrut Upadhyay 06/24/2025

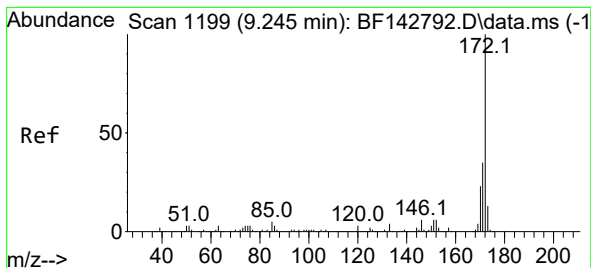


#44
2,4,5-Trichlorophenol
Concen: 44.218 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40



Tgt Ion:196 Resp: 144269
Ion Ratio Lower Upper
196 100
198 95.2 76.6 115.0
97 48.3 38.2 57.2
132 29.5 23.4 35.0





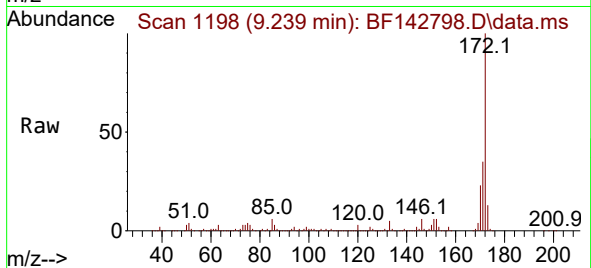
#45
2-Fluorobiphenyl
Concen: 79.251 ng
RT: 9.239 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

Instrument :

BNA_F

ClientSampleId :

PB168536BS



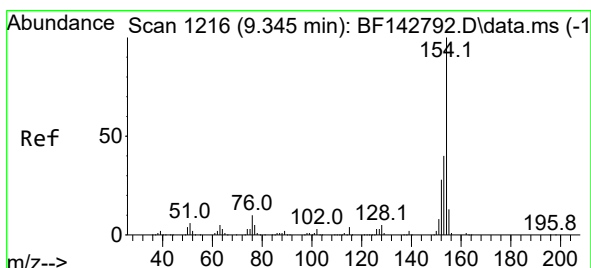
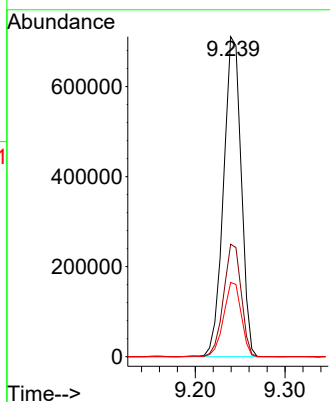
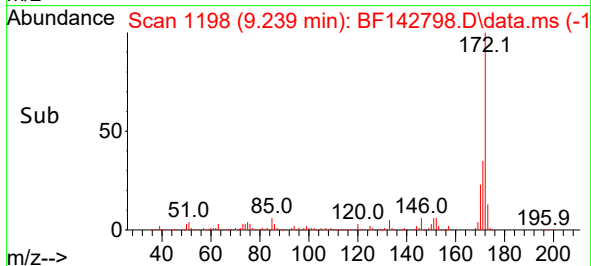
Tgt Ion:172 Resp: 97246
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.2 18.5 27.7

Manual Integrations

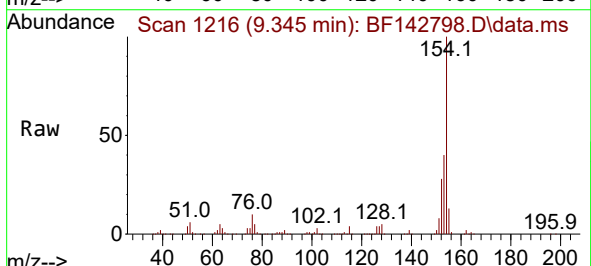
APPROVED

Reviewed By :Rahul Chavli 06/24/2025

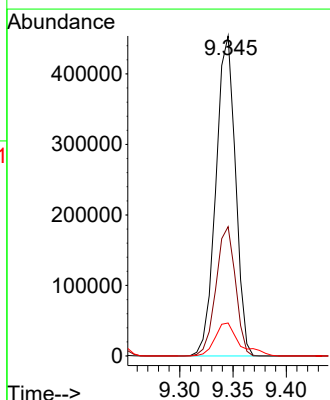
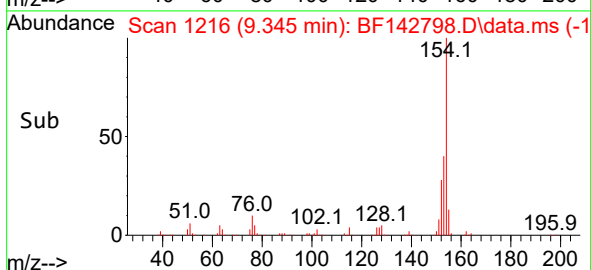
Supervised By :Jagrut Upadhyay 06/24/2025

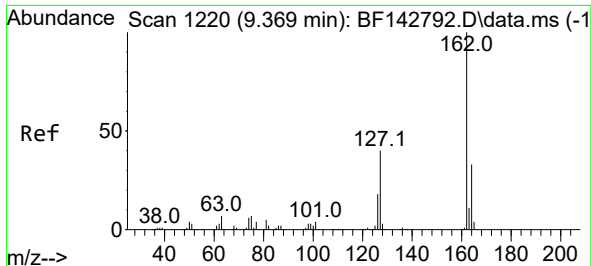


#46
1,1'-Biphenyl
Concen: 45.410 ng
RT: 9.345 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40



Tgt Ion:154 Resp: 578239
Ion Ratio Lower Upper
154 100
153 40.4 20.3 60.3
76 10.3 0.0 30.3





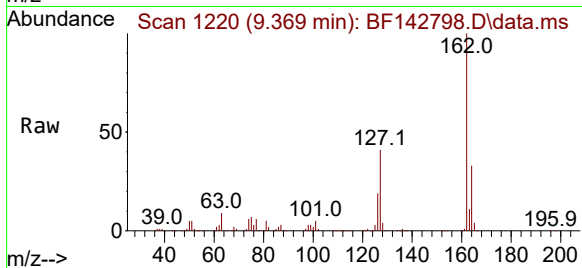
#47
2-Chloronaphthalene
Concen: 44.417 ng
RT: 9.369 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

Instrument :

BNA_F

ClientSampleId :

PB168536BS



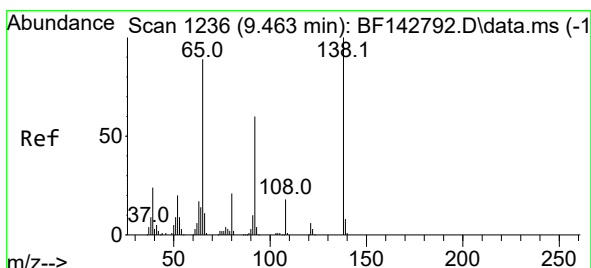
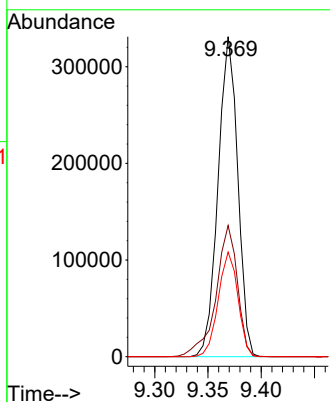
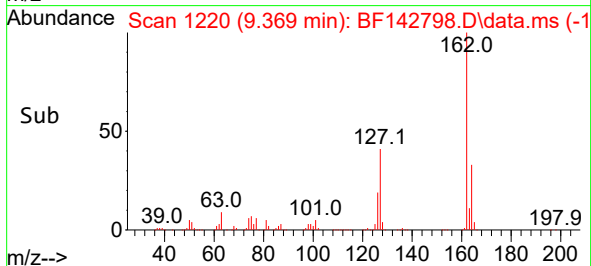
Tgt Ion:162 Resp: 42443
Ion Ratio Lower Upper
162 100
127 41.0 32.2 48.2
164 32.7 26.1 39.1

Manual Integrations

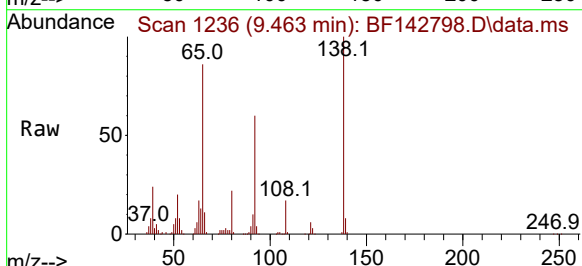
APPROVED

Reviewed By :Rahul Chavli 06/24/2025

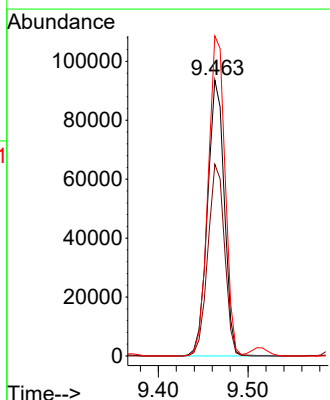
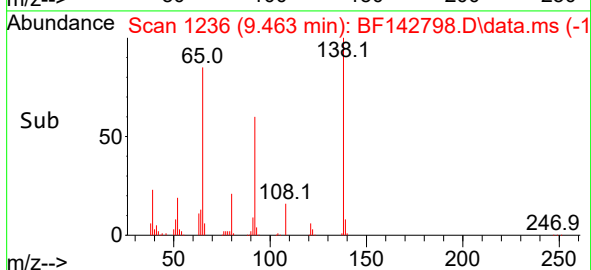
Supervised By :Jagrut Upadhyay 06/24/2025

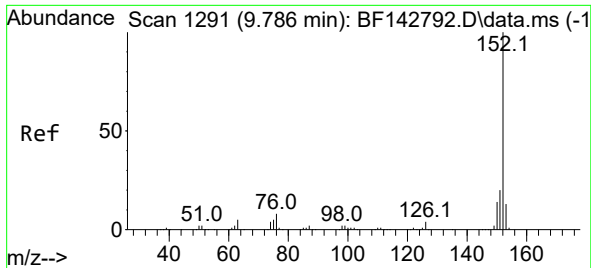


#48
2-Nitroaniline
Concen: 45.282 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40



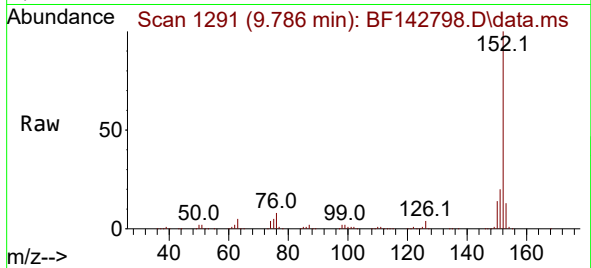
Tgt Ion: 65 Resp: 121311
Ion Ratio Lower Upper
65 100
92 69.4 53.8 80.6
138 115.9 89.6 134.4





#49
Acenaphthylene
Concen: 44.485 ng
RT: 9.786 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

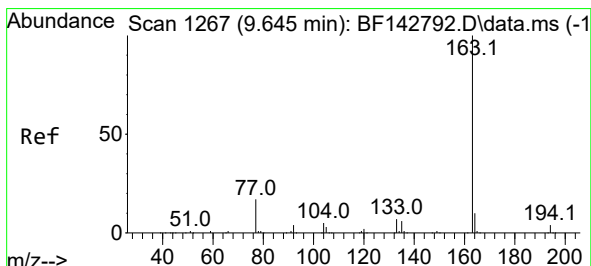
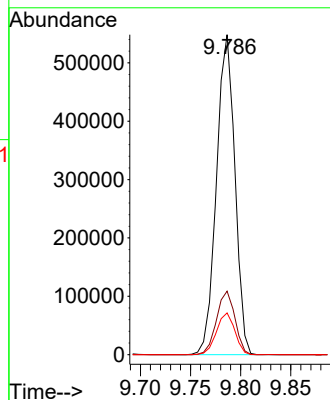
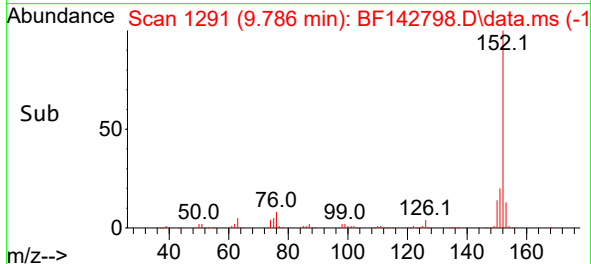
Instrument :
BNA_F
ClientSampleId :
PB168536BS



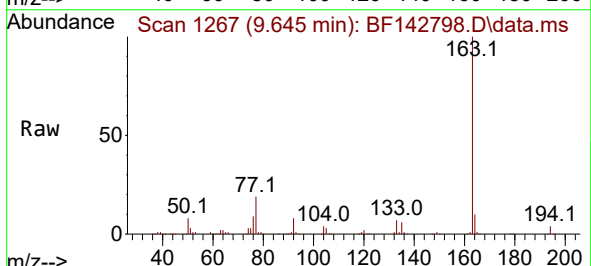
Tgt Ion:152 Resp: 699789
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 13.0 10.4 15.6

Manual Integrations
APPROVED

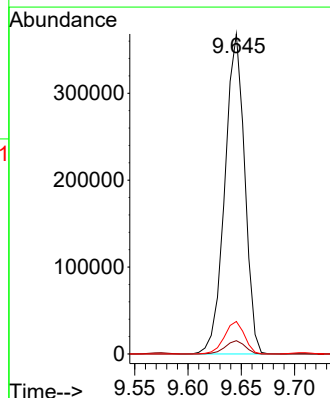
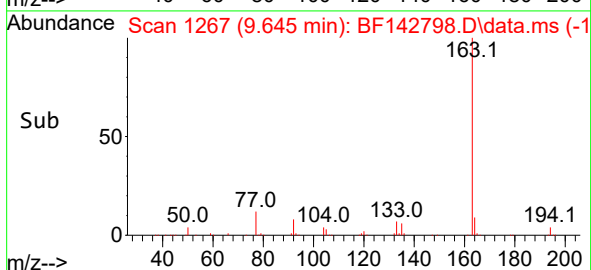
Reviewed By :Rahul Chavli 06/24/2025
Supervised By :Jagrut Upadhyay 06/24/2025

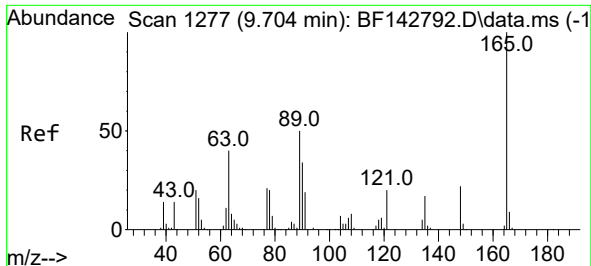


#50
Dimethylphthalate
Concen: 45.660 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40



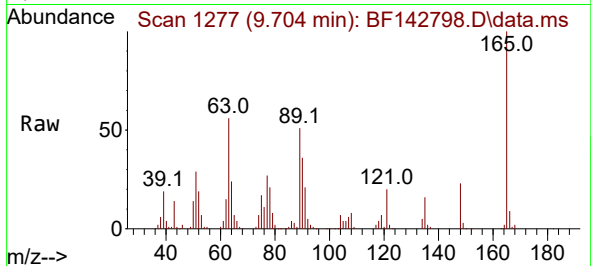
Tgt Ion:163 Resp: 476429
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.2 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 46.744 ng
RT: 9.704 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

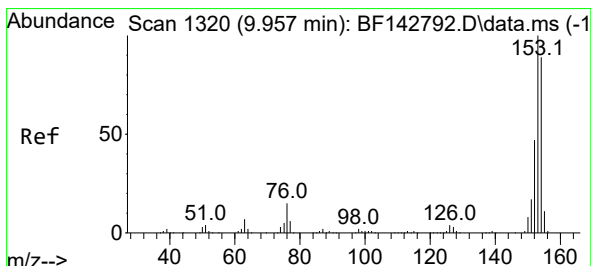
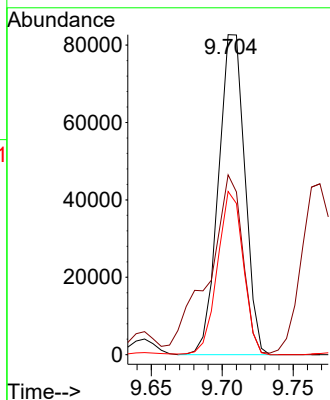
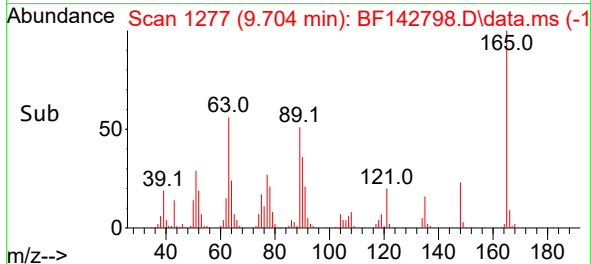
Instrument :
BNA_F
ClientSampleId :
PB168536BS



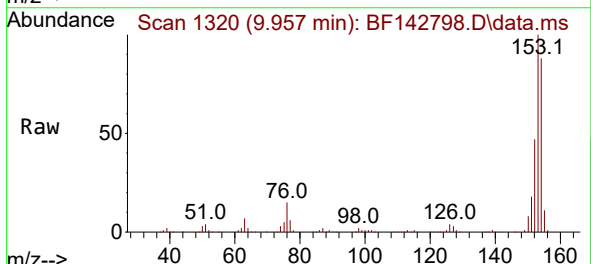
Tgt Ion:165 Resp: 107112
Ion Ratio Lower Upper
165 100
63 56.2 44.2 66.4
89 51.0 39.8 59.8

Manual Integrations
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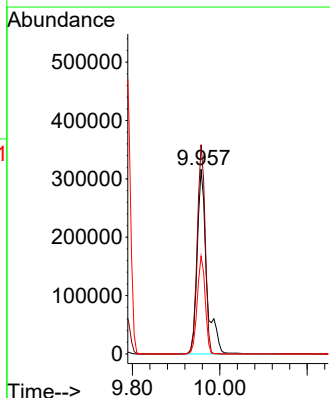
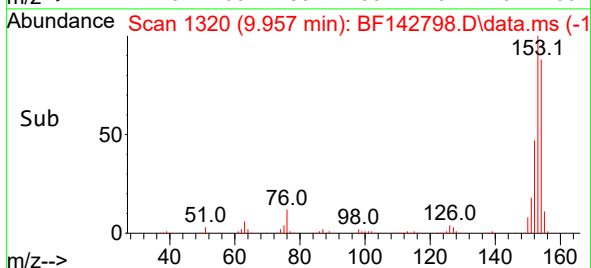
Reviewed By :Rahul Chavli 06/24/2025
Supervised By :Jagrut Upadhyay 06/24/2025

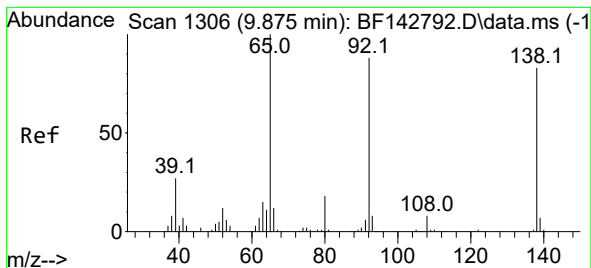


#52
Acenaphthene
Concen: 50.037 ng
RT: 9.957 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40



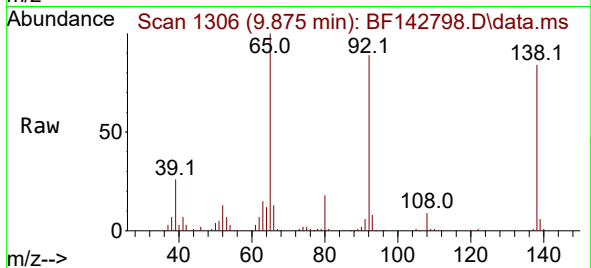
Tgt Ion:154 Resp: 480245
Ion Ratio Lower Upper
154 100
153 113.4 90.0 135.0
152 53.0 41.9 62.9





#53
3-Nitroaniline
Concen: 24.385 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

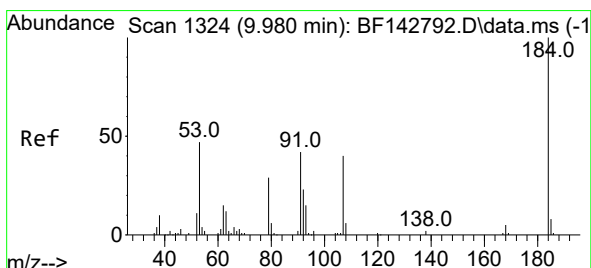
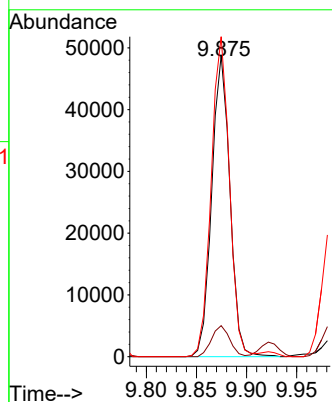
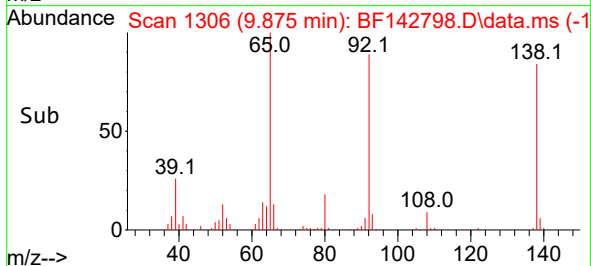
Instrument :
BNA_F
ClientSampleId :
PB168536BS



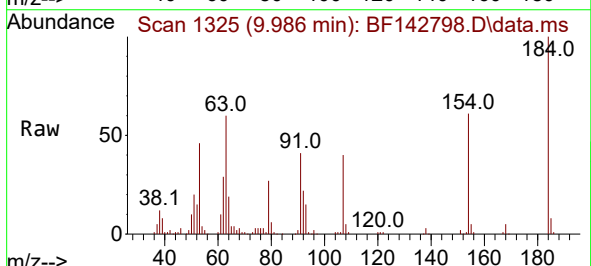
Tgt Ion:138 Resp: 6152
Ion Ratio Lower Upper
138 100
108 10.3 8.1 12.1
92 106.2 85.1 127.7

Manual Integrations
APPROVED

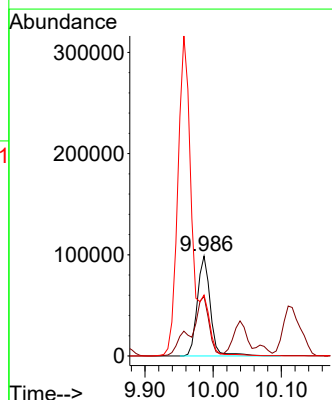
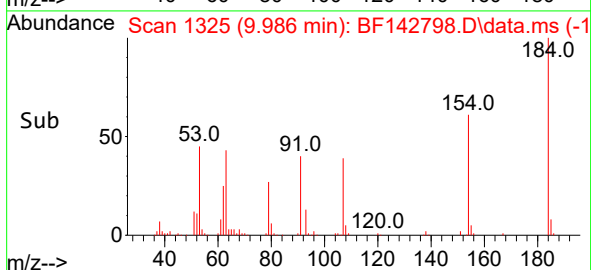
Reviewed By :Rahul Chavli 06/24/2025
Supervised By :Jagrut Upadhyay 06/24/2025

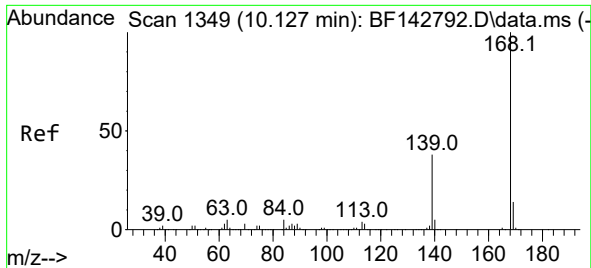


#54
2,4-Dinitrophenol
Concen: 113.854 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40



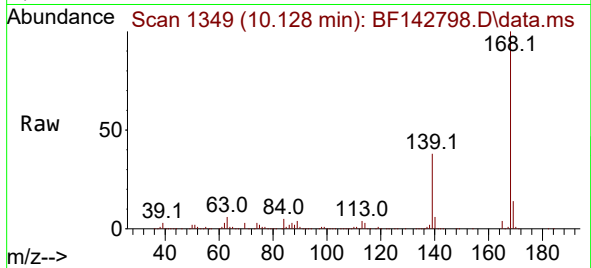
Tgt Ion:184 Resp: 130635
Ion Ratio Lower Upper
184 100
63 59.6 50.6 75.8
154 61.0 51.8 77.8





#55
Dibenzenofuran
Concen: 44.725 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

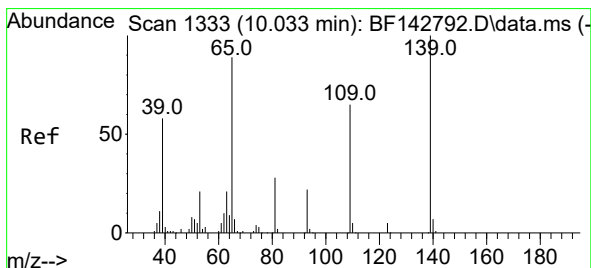
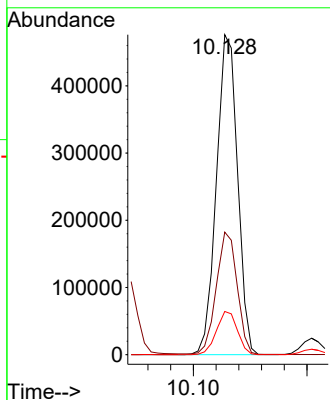
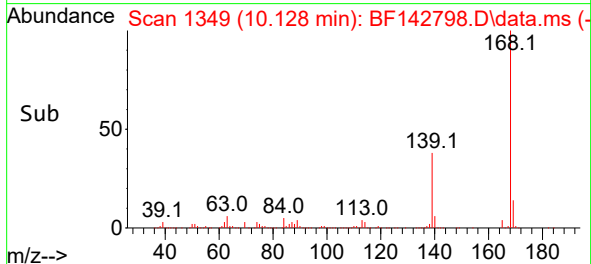
Instrument :
BNA_F
ClientSampleId :
PB168536BS



Tgt Ion:168 Resp: 61554
Ion Ratio Lower Upper
168 100
139 38.3 30.2 45.4
169 13.5 10.8 16.2

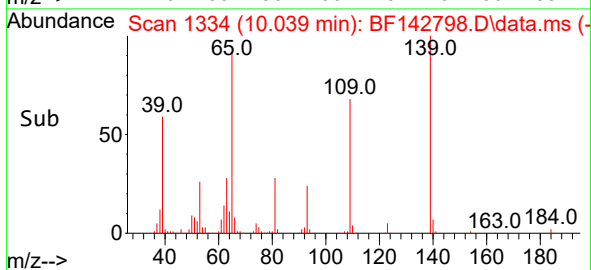
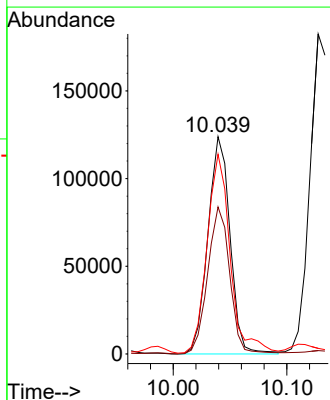
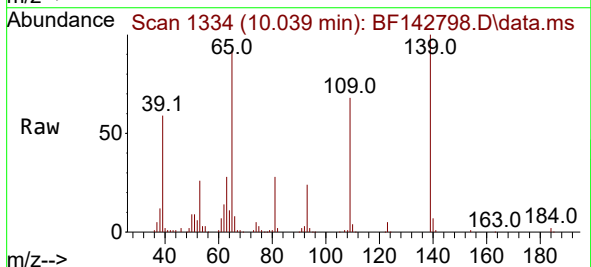
Manual Integrations
APPROVED

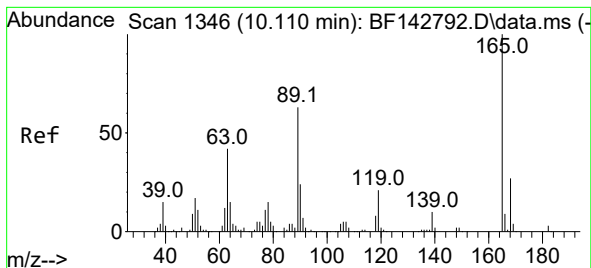
Reviewed By :Rahul Chavli 06/24/2025
Supervised By :Jagrut Upadhyay 06/24/2025



#56
4-Nitrophenol
Concen: 97.343 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

Tgt Ion:139 Resp: 168132
Ion Ratio Lower Upper
139 100
109 67.7 44.7 84.7
65 91.9 69.8 109.8





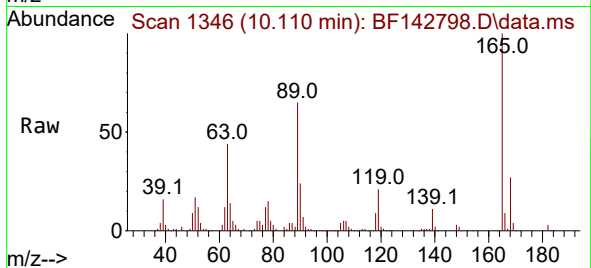
#57
2,4-Dinitrotoluene
Concen: 48.462 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

Instrument :

BNA_F

ClientSampleId :

PB168536BS



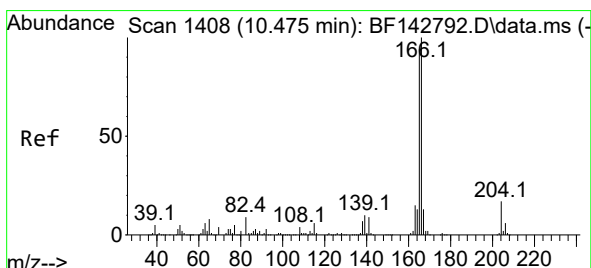
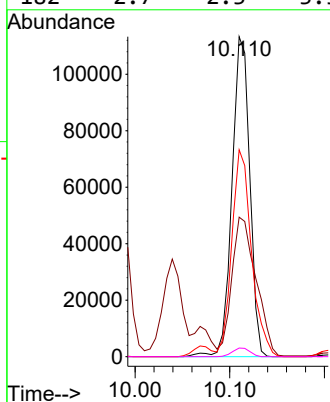
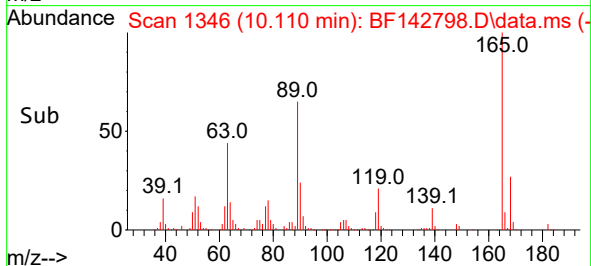
Tgt Ion:165 Resp: 14750
Ion Ratio Lower Upper
165 100
63 43.6 33.9 50.9
89 64.7 50.6 75.8
182 2.7 2.3 3.5

Manual Integrations

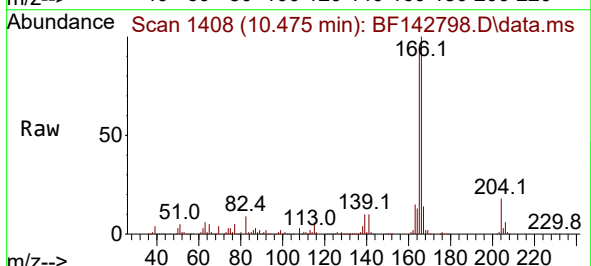
APPROVED

Reviewed By :Rahul Chavli 06/24/2025

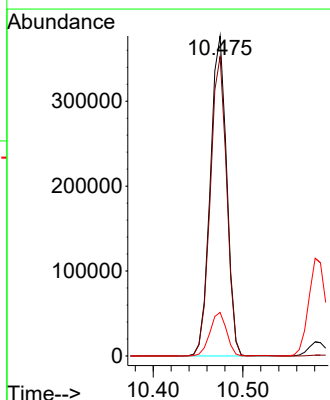
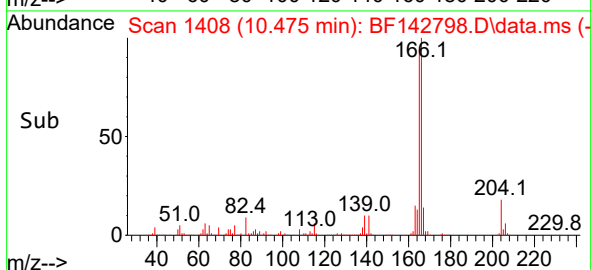
Supervised By :Jagrut Upadhyay 06/24/2025

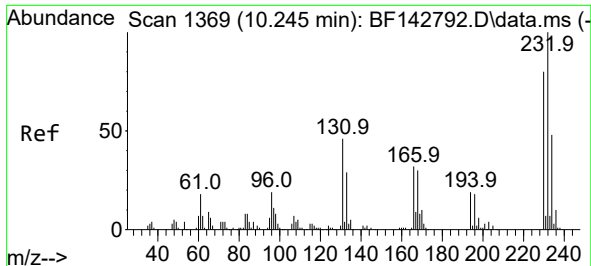


#58
Fluorene
Concen: 44.438 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40



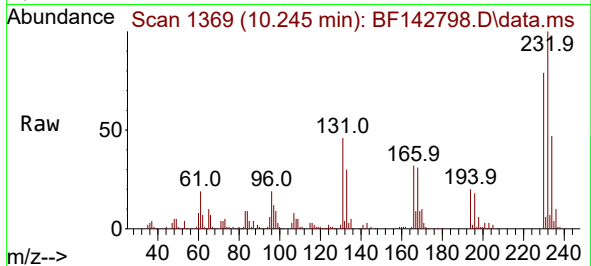
Tgt Ion:166 Resp: 477642
Ion Ratio Lower Upper
166 100
165 93.6 75.2 112.8
167 13.6 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.311 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

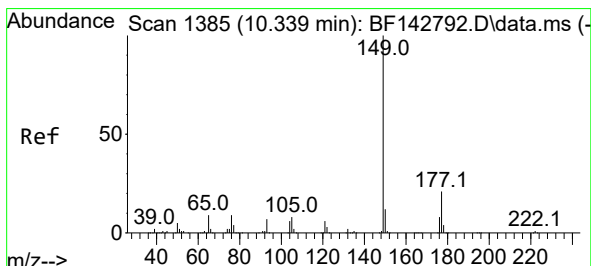
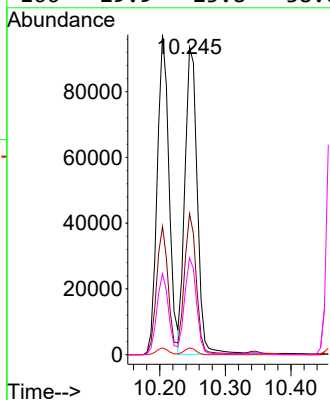
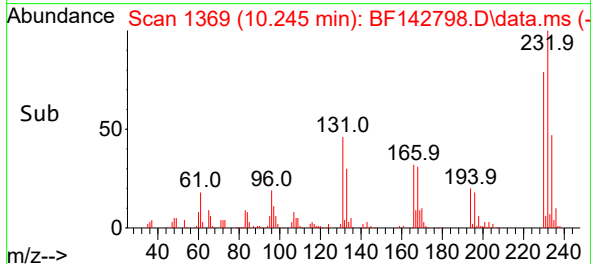
Instrument :
BNA_F
ClientSampleId :
PB168536BS



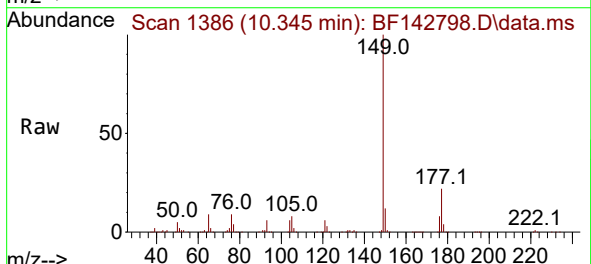
Tgt Ion:232 Resp: 121792
Ion Ratio Lower Upper
232 100
131 44.0 37.6 56.4
130 2.1 1.7 2.5
166 29.9 25.8 38.6

Manual Integrations
APPROVED

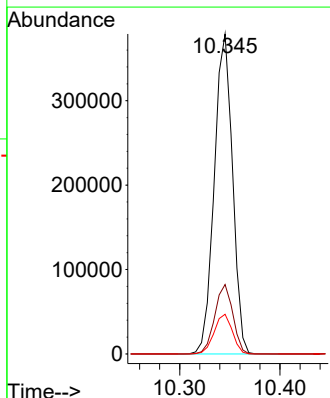
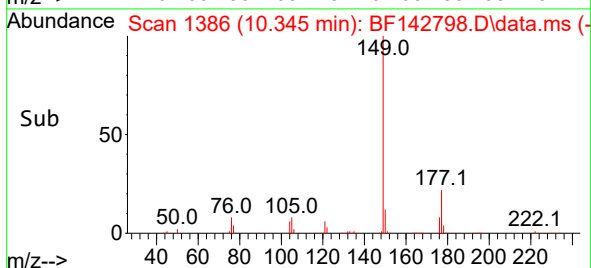
Reviewed By :Rahul Chavli 06/24/2025
Supervised By :Jagrut Upadhyay 06/24/2025

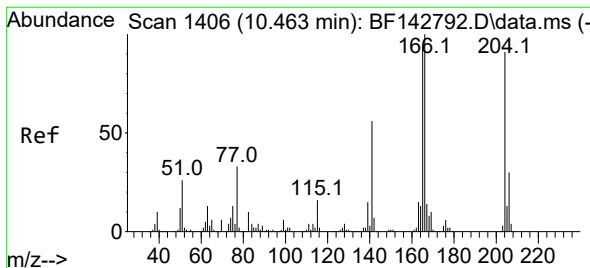


#60
Diethylphthalate
Concen: 46.692 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40



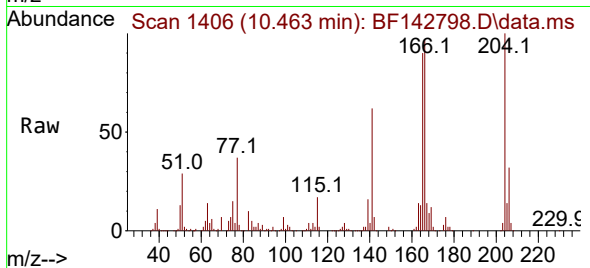
Tgt Ion:149 Resp: 477692
Ion Ratio Lower Upper
149 100
177 21.7 17.0 25.6
150 12.4 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 44.496 ng
RT: 10.463 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

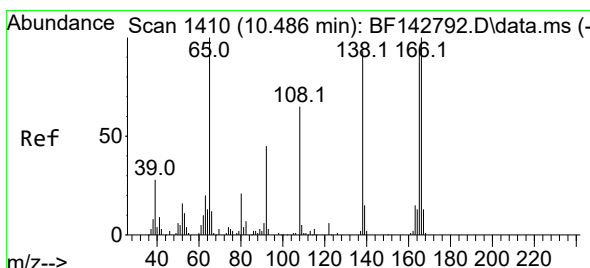
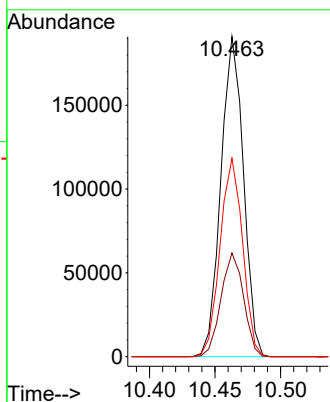
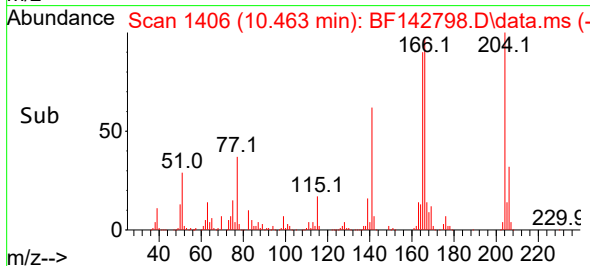
Instrument :
BNA_F
ClientSampleId :
PB168536BS



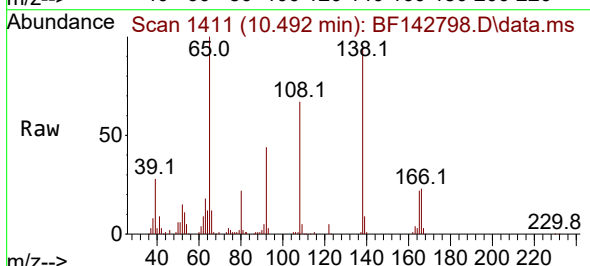
Tgt Ion:204 Resp: 228224
Ion Ratio Lower Upper
204 100
206 32.4 26.3 39.5
141 61.9 49.1 73.7

Manual Integrations
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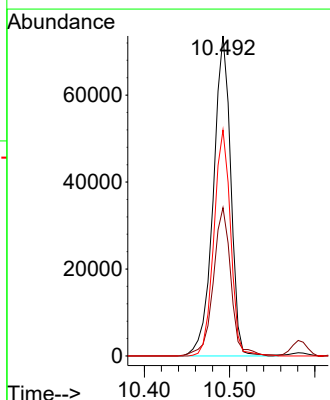
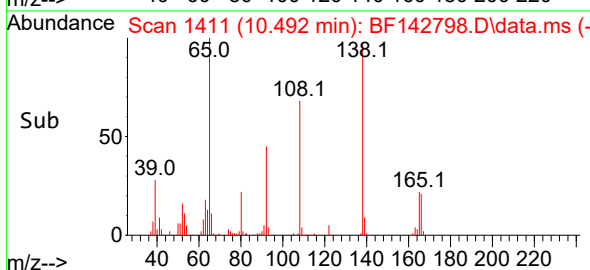
Reviewed By :Rahul Chavli 06/24/2025
Supervised By :Jagrut Upadhyay 06/24/2025

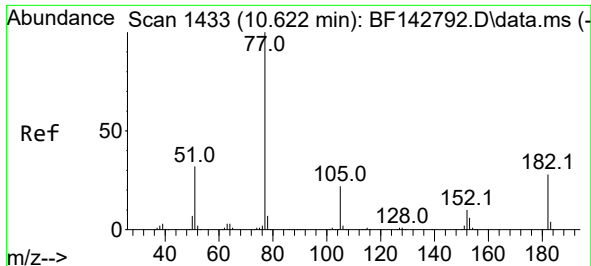


#62
4-Nitroaniline
Concen: 45.386 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40



Tgt Ion:138 Resp: 104723
Ion Ratio Lower Upper
138 100
92 46.4 28.4 68.4
108 70.6 50.2 90.2





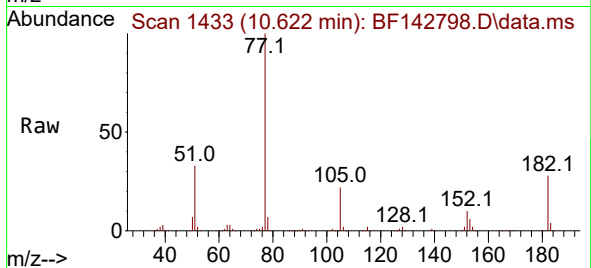
#63
Azobenzene
Concen: 45.315 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

Instrument :

BNA_F

ClientSampleId :

PB168536BS



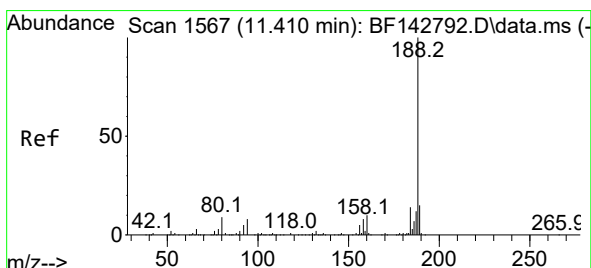
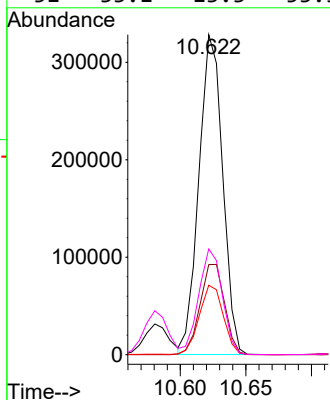
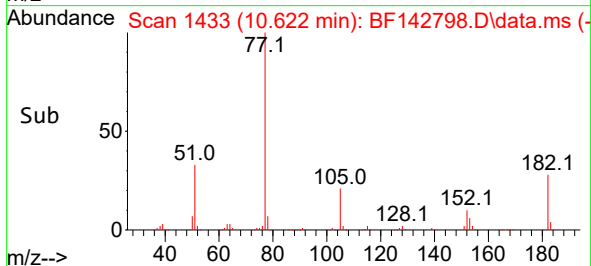
Tgt Ion: 77 Resp: 41435
Ion Ratio Lower Upper
77 100
182 28.1 7.7 47.7
105 21.7 1.9 41.9
51 33.1 13.3 53.3

Manual Integrations

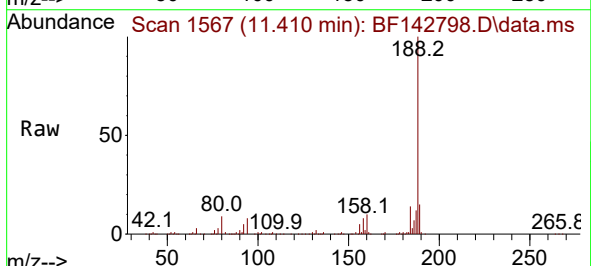
APPROVED

Reviewed By :Rahul Chavli 06/24/2025

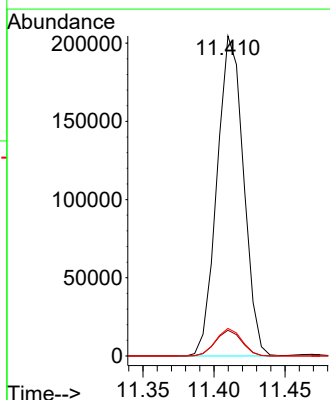
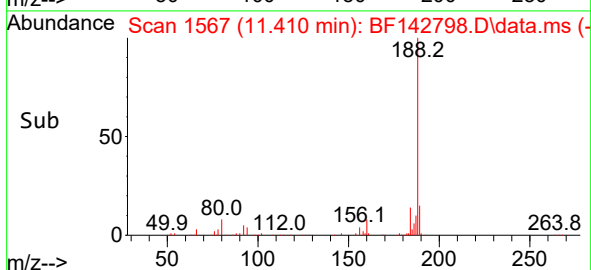
Supervised By :Jagrut Upadhyay 06/24/2025

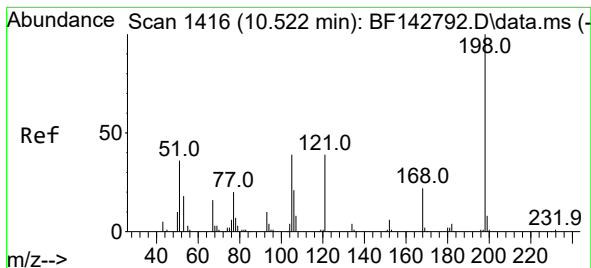


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40



Tgt Ion:188 Resp: 265537
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 8.6 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 49.237 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

Instrument :

BNA_F

ClientSampleId :

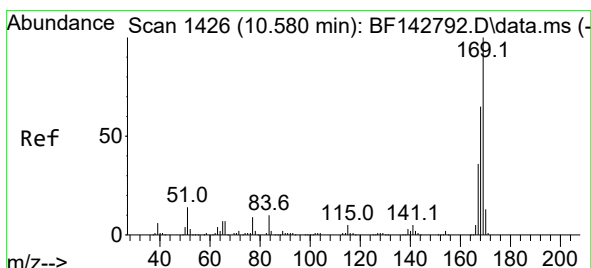
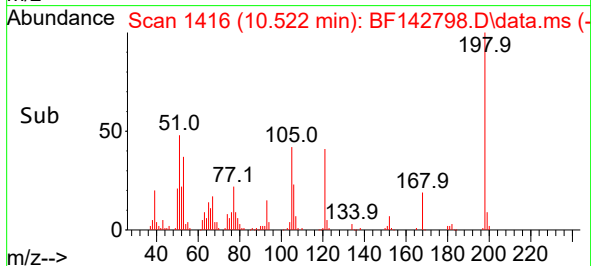
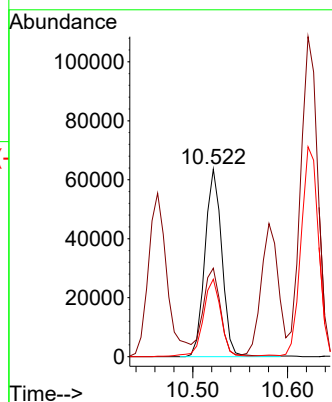
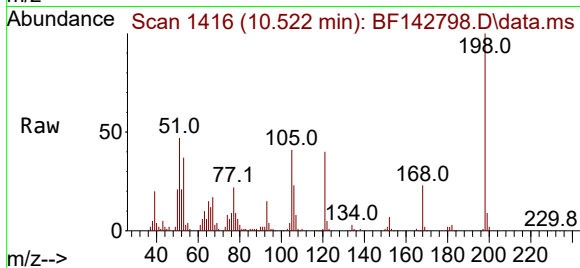
PB168536BS

Tgt Ion:198 Resp: 7908
Ion Ratio Lower Upper
198 100
51 47.2 25.4 65.4
105 41.3 20.4 60.4

Manual Integrations

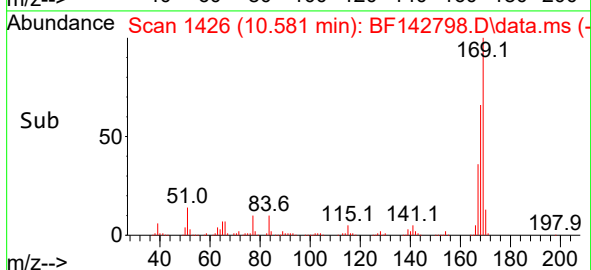
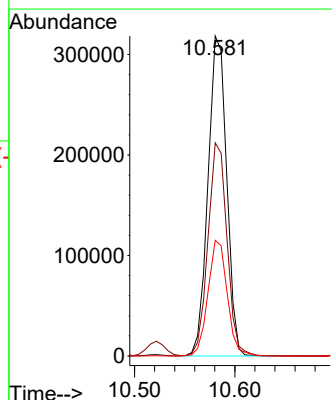
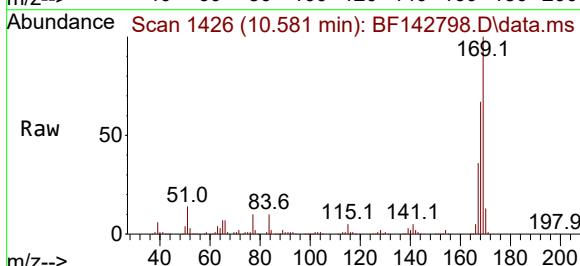
APPROVED

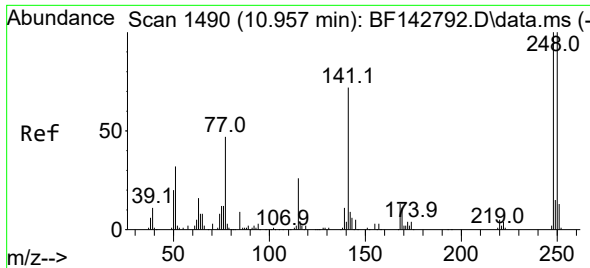
Reviewed By :Rahul Chavli 06/24/2025
Supervised By :Jagrut Upadhyay 06/24/2025



#66
n-Nitrosodiphenylamine
Concen: 44.829 ng
RT: 10.581 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

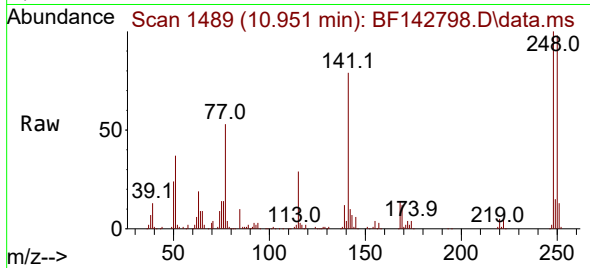
Tgt Ion:169 Resp: 412551
Ion Ratio Lower Upper
169 100
168 66.6 51.9 77.9
167 36.1 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 45.848 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

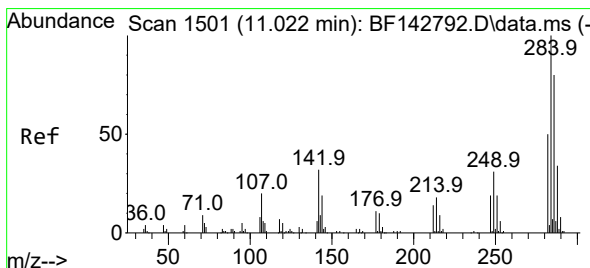
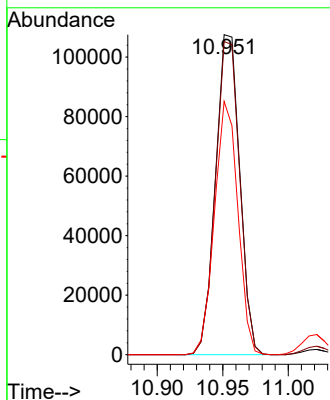
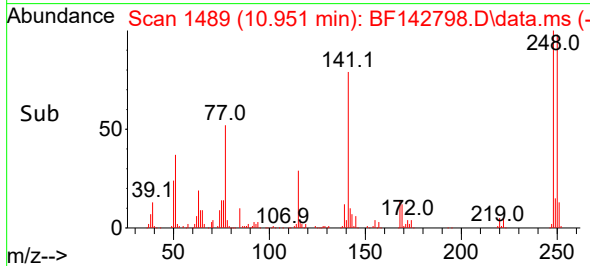
Instrument :
BNA_F
ClientSampleId :
PB168536BS



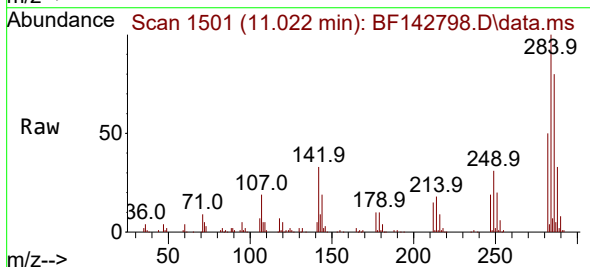
Tgt Ion:248 Resp: 138558
Ion Ratio Lower Upper
248 100
250 97.8 79.8 119.8
141 79.1 57.8 86.6

Manual Integrations
APPROVED

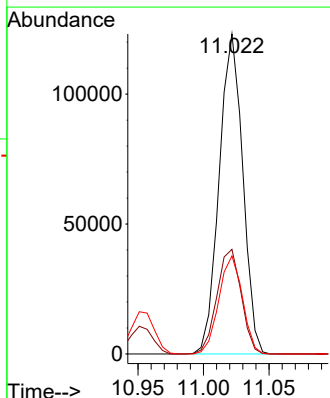
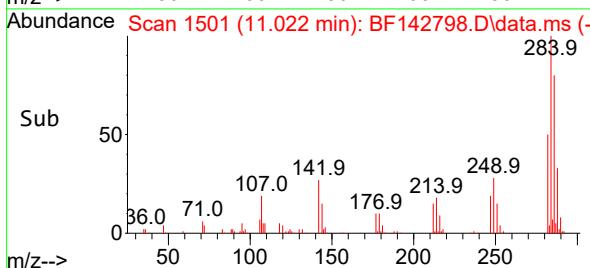
Reviewed By :Rahul Chavli 06/24/2025
Supervised By :Jagrut Upadhyay 06/24/2025

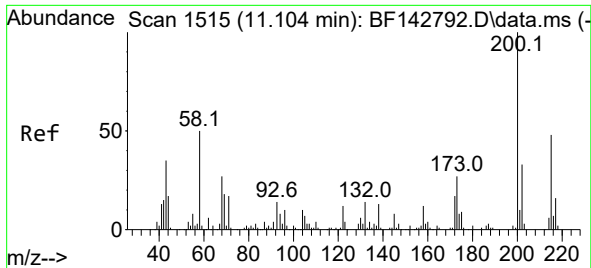


#68
Hexachlorobenzene
Concen: 45.794 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40



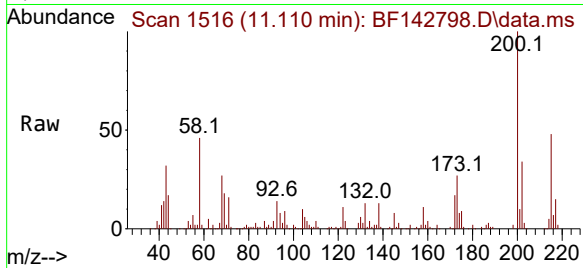
Tgt Ion:284 Resp: 153776
Ion Ratio Lower Upper
284 100
142 32.7 25.5 38.3
249 30.7 24.9 37.3





#69
 Atrazine
 Concen: 51.027 ng
 RT: 11.110 min Scan# 1516
 Delta R.T. 0.006 min
 Lab File: BF142798.D
 Acq: 19 Jun 2025 22:40

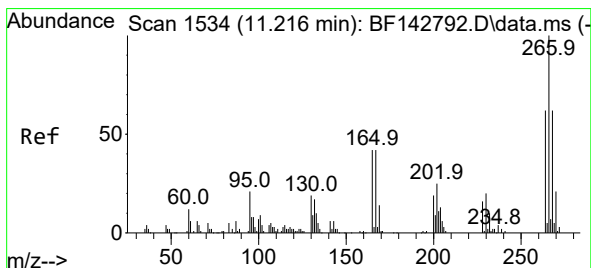
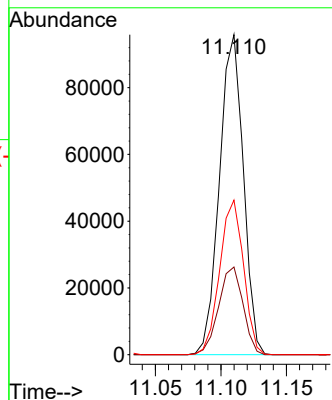
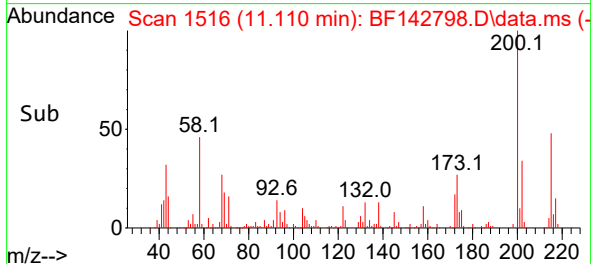
Instrument :
 BNA_F
 ClientSampleId :
 PB168536BS



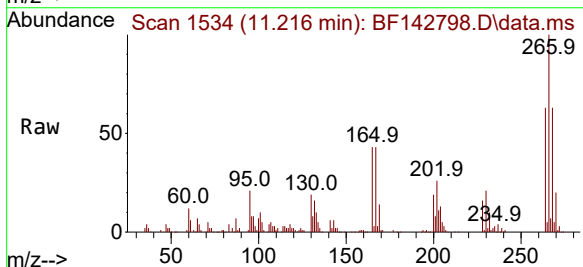
Tgt Ion:200 Resp: 12126
 Ion Ratio Lower Upper
 200 100
 173 27.4 7.4 47.4
 215 48.3 28.4 68.4

Manual Integrations
 APPROVED

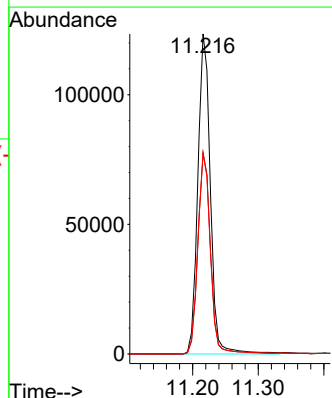
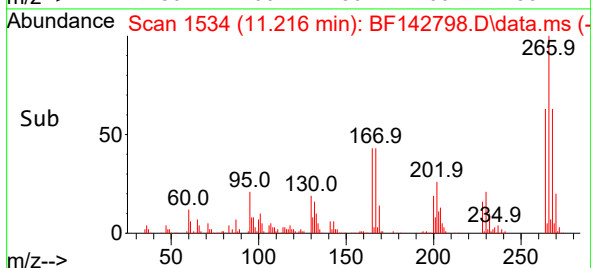
Reviewed By :Rahul Chavli 06/24/2025
 Supervised By :Jagrut Upadhyay 06/24/2025

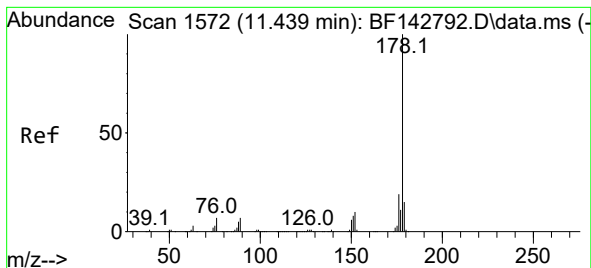


#70
 Pentachlorophenol
 Concen: 98.290 ng
 RT: 11.216 min Scan# 1534
 Delta R.T. 0.000 min
 Lab File: BF142798.D
 Acq: 19 Jun 2025 22:40



Tgt Ion:266 Resp: 164469
 Ion Ratio Lower Upper
 266 100
 268 62.8 49.8 74.8
 264 62.8 49.9 74.9





#71

Phenanthrene

Concen: 45.203 ng

RT: 11.439 min Scan# 1572

Delta R.T. 0.000 min

Lab File: BF142798.D

Acq: 19 Jun 2025 22:40

Instrument :

BNA_F

ClientSampleId :

PB168536BS

Tgt Ion:178 Resp: 65021

Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

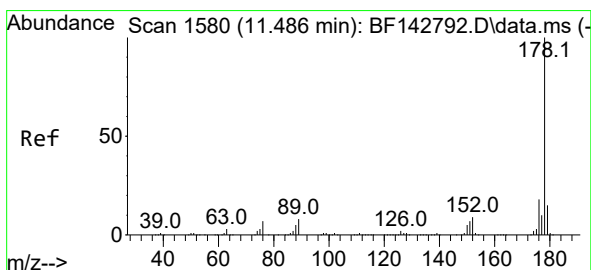
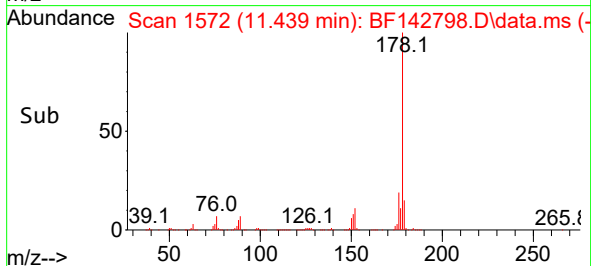
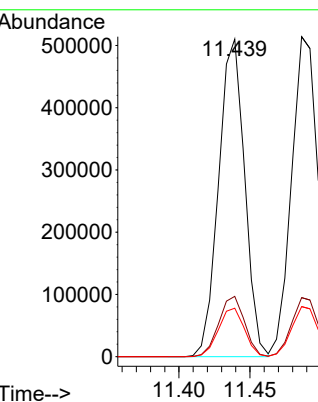
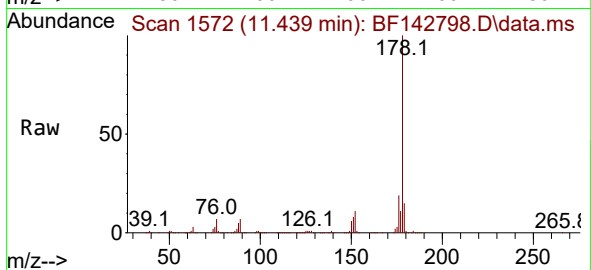
179 15.3 12.0 18.0

Manual Integrations

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Reviewed By :Rahul Chavli 06/24/2025

Supervised By :Jagrut Upadhyay 06/24/2025



#72

Anthracene

Concen: 44.959 ng

RT: 11.486 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BF142798.D

Acq: 19 Jun 2025 22:40

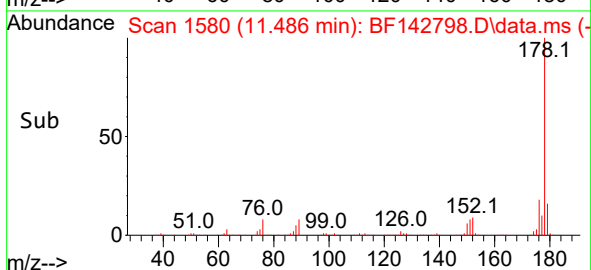
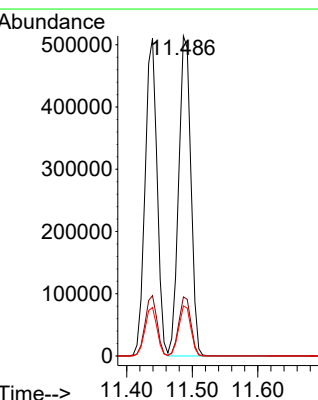
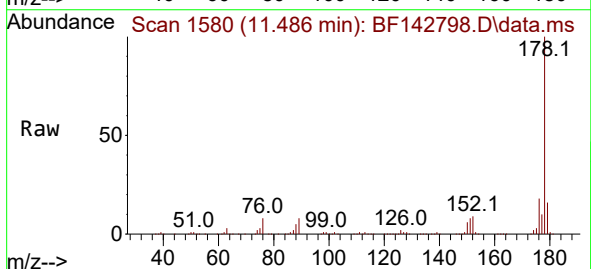
Tgt Ion:178 Resp: 663251

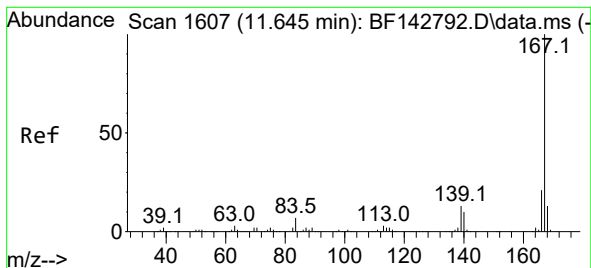
Ion Ratio Lower Upper

178 100

176 18.4 14.6 21.8

179 15.6 12.4 18.6





#73

Carbazole

Concen: 46.340 ng

RT: 11.645 min Scan# 1607

Delta R.T. 0.000 min

Lab File: BF142798.D

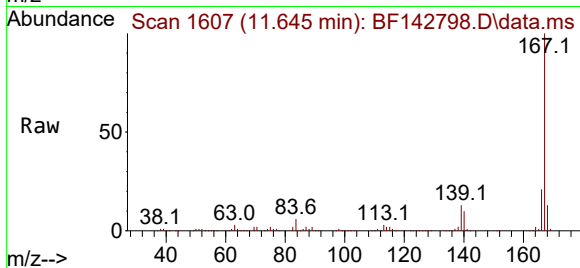
Acq: 19 Jun 2025 22:40

Instrument :

BNA_F

ClientSampleId :

PB168536BS



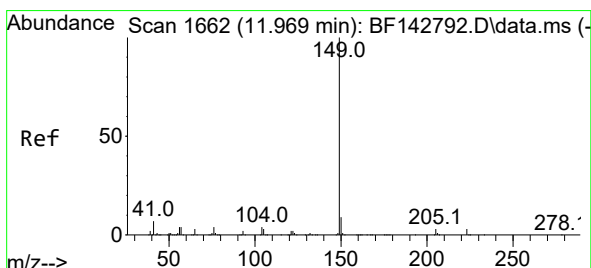
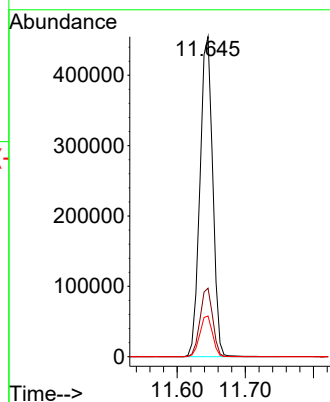
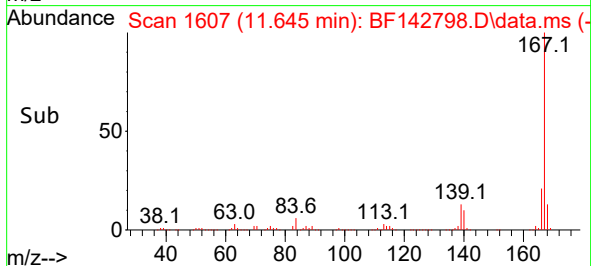
Tgt Ion:167	Resp: 589939
Ion Ratio	Lower Upper
167	100
166	21.4 17.0 25.4
139	12.7 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/24/2025

Supervised By :Jagrut Upadhyay 06/24/2025



#74

Di-n-butylphthalate

Concen: 50.141 ng

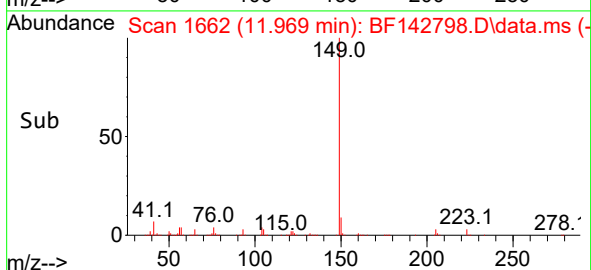
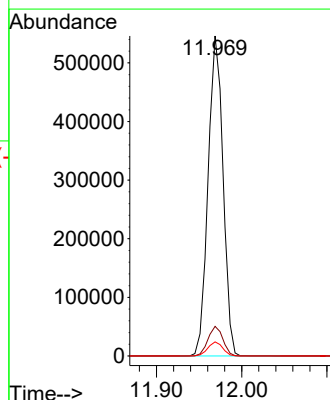
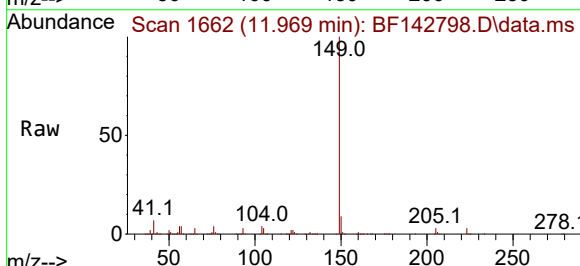
RT: 11.969 min Scan# 1662

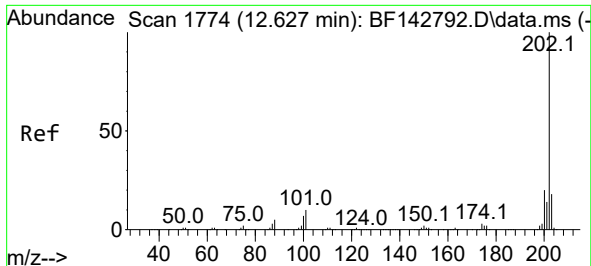
Delta R.T. 0.000 min

Lab File: BF142798.D

Acq: 19 Jun 2025 22:40

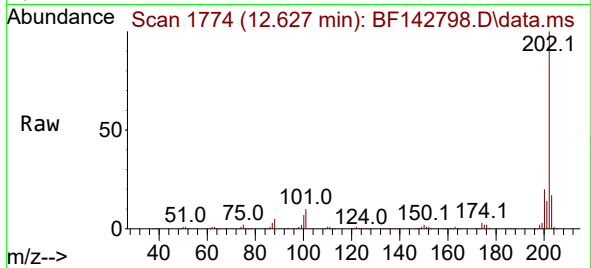
Tgt Ion:149	Resp: 664973
Ion Ratio	Lower Upper
149	100
150	9.3 7.4 11.0
104	4.4 3.5 5.3





#75
Fluoranthene
Concen: 46.280 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

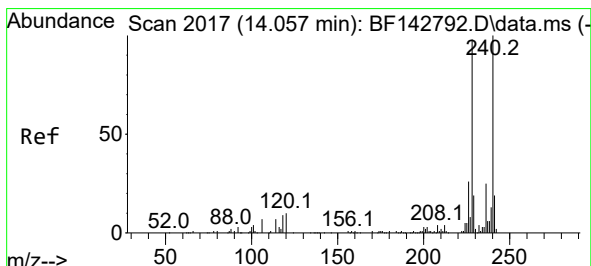
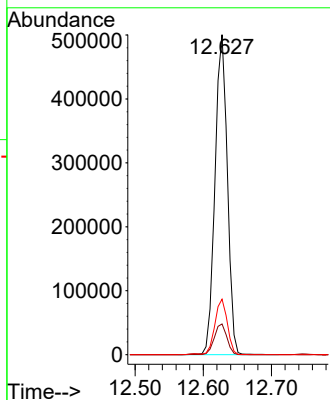
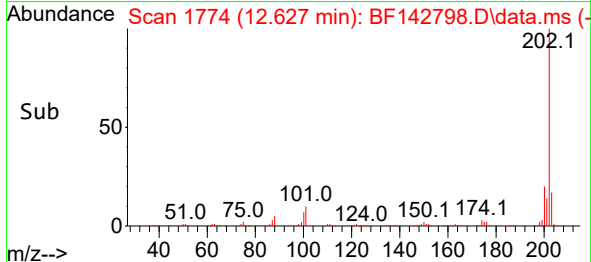
Instrument :
BNA_F
ClientSampleId :
PB168536BS



Tgt Ion:202 Resp: 63178
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.7
203 17.4 0.0 37.5

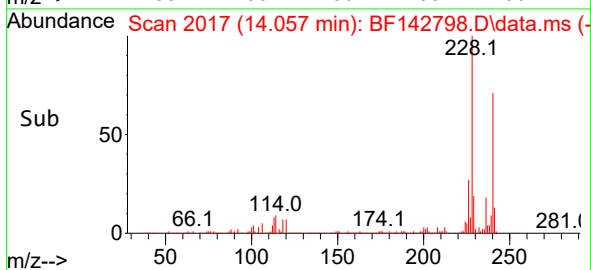
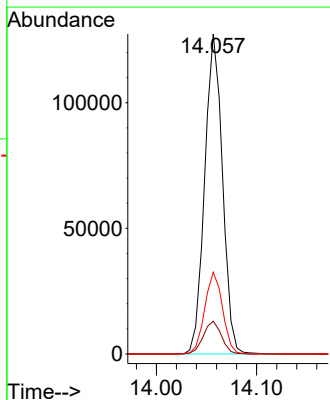
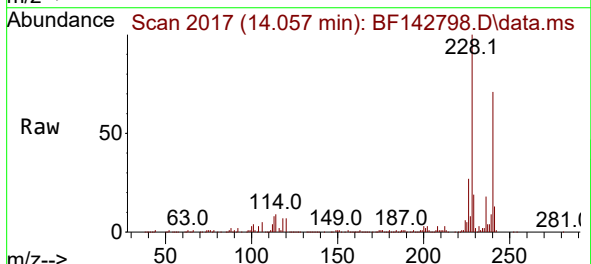
Manual Integrations
APPROVED

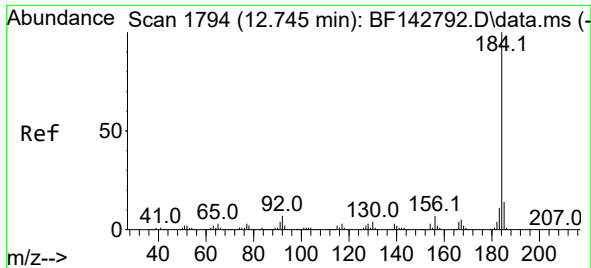
Reviewed By :Rahul Chavli 06/24/2025
Supervised By :Jagrut Upadhyay 06/24/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

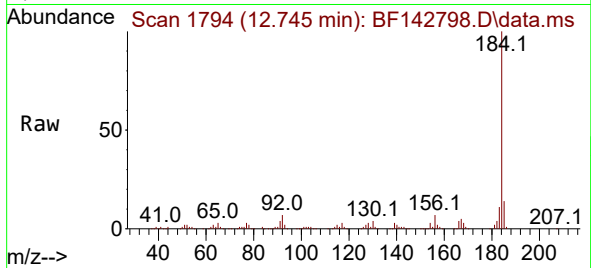
Tgt Ion:240 Resp: 157463
Ion Ratio Lower Upper
240 100
120 10.2 8.2 12.2
236 25.6 19.8 29.8





#77
Benzidine
Concen: 39.852 ng
RT: 12.745 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

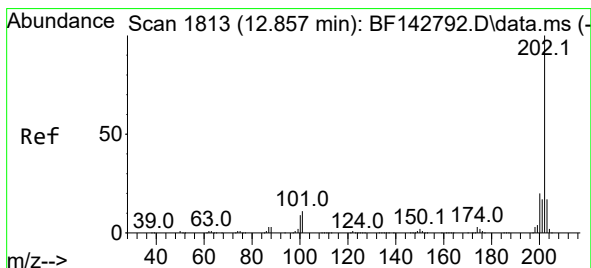
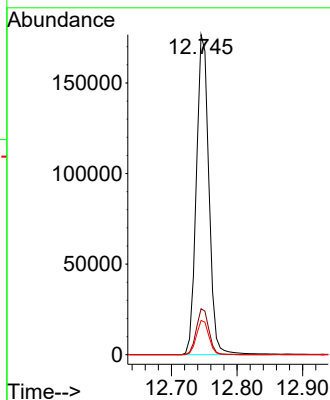
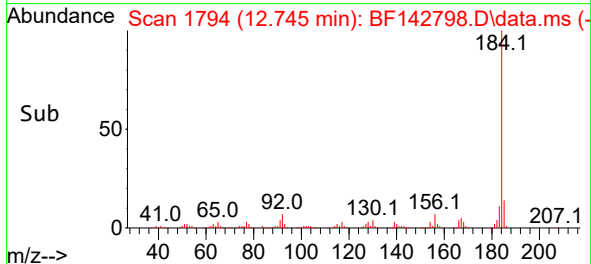
Instrument :
BNA_F
ClientSampleId :
PB168536BS



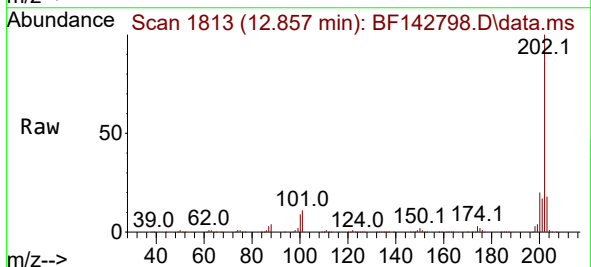
Tgt Ion:184 Resp: 23576
Ion Ratio Lower Upper
184 100
185 14.4 11.5 17.3
183 10.7 9.0 13.4

Manual Integrations
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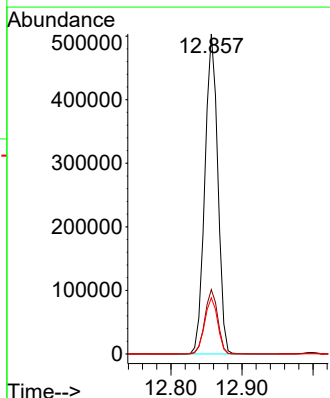
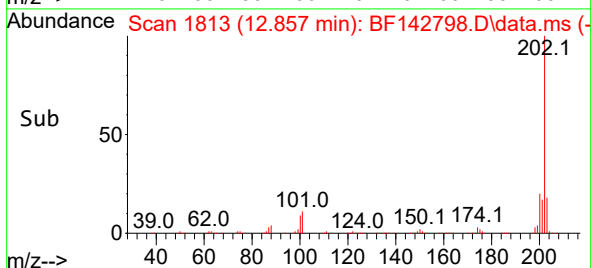
Reviewed By :Rahul Chavli 06/24/2025
Supervised By :Jagrut Upadhyay 06/24/2025

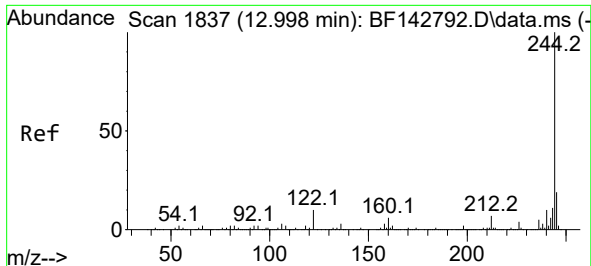


#78
Pyrene
Concen: 43.204 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40



Tgt Ion:202 Resp: 637679
Ion Ratio Lower Upper
202 100
200 20.1 15.7 23.5
203 17.5 13.8 20.6





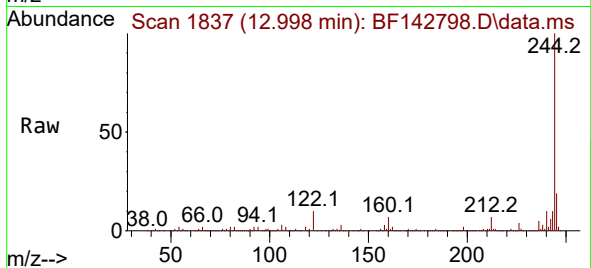
#79
 Terphenyl-d14
 Concen: 76.604 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. -0.000 min
 Lab File: BF142798.D
 Acq: 19 Jun 2025 22:40

Instrument :

BNA_F

ClientSampleId :

PB168536BS



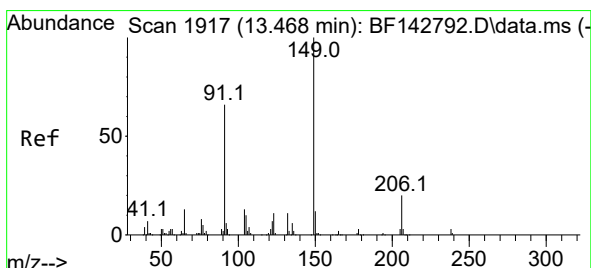
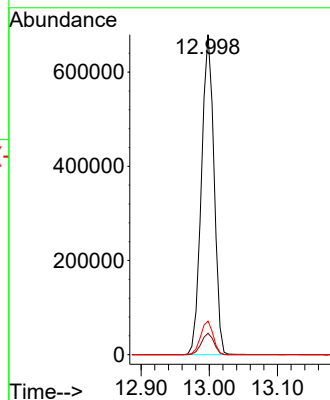
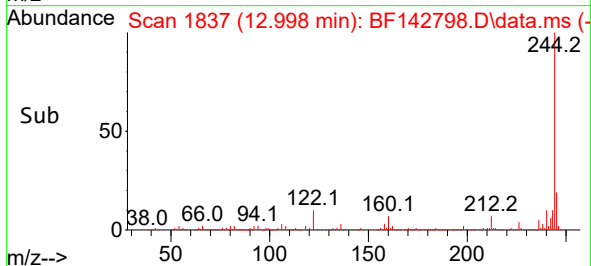
Tgt Ion:244 Resp: 873008
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.5 8.2 12.2

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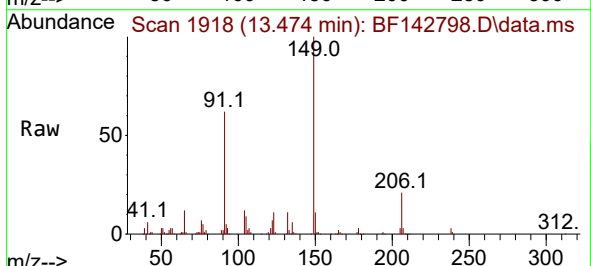
APPROVED

Reviewed By :Rahul Chavli 06/24/2025

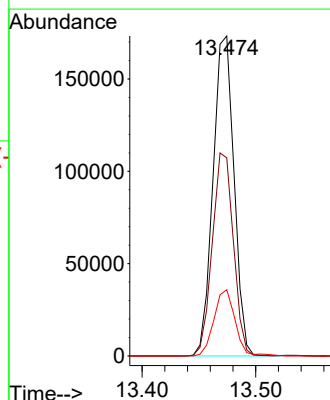
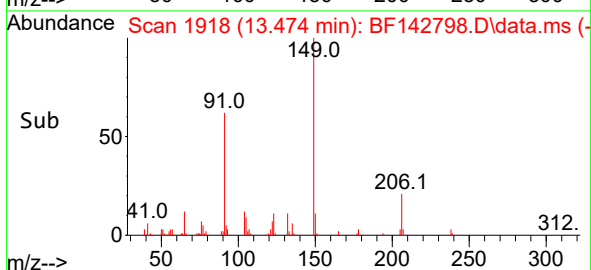
Supervised By :Jagrut Upadhyay 06/24/2025

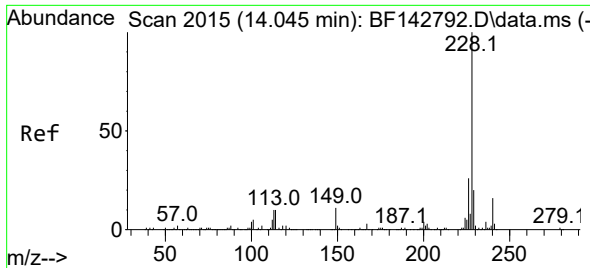


#80
 Butylbenzylphthalate
 Concen: 52.132 ng
 RT: 13.474 min Scan# 1918
 Delta R.T. 0.006 min
 Lab File: BF142798.D
 Acq: 19 Jun 2025 22:40



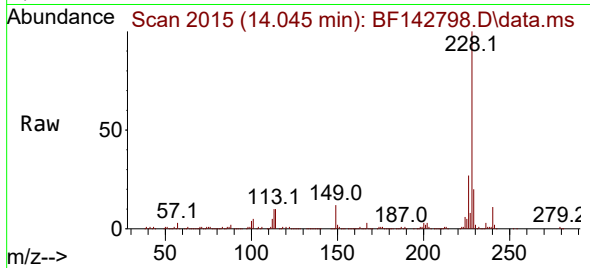
Tgt Ion:149 Resp: 223198
 Ion Ratio Lower Upper
 149 100
 91 61.9 52.9 79.3
 206 20.7 16.3 24.5





#81
Benzo(a)anthracene
Concen: 46.414 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

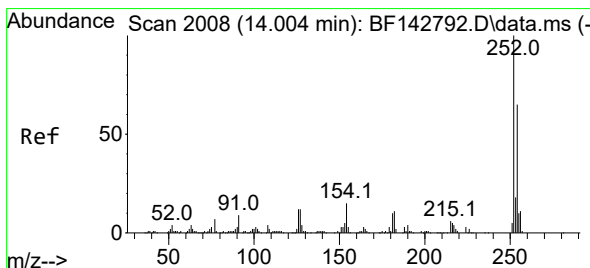
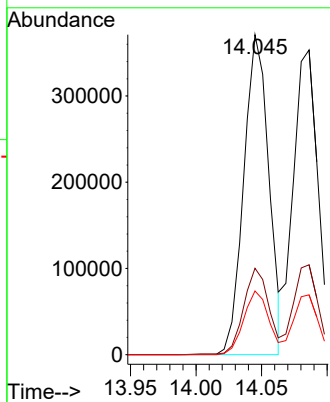
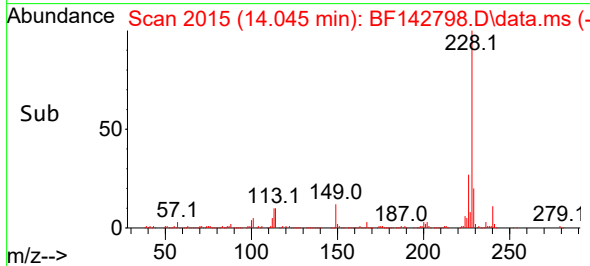
Instrument :
BNA_F
ClientSampleId :
PB168536BS



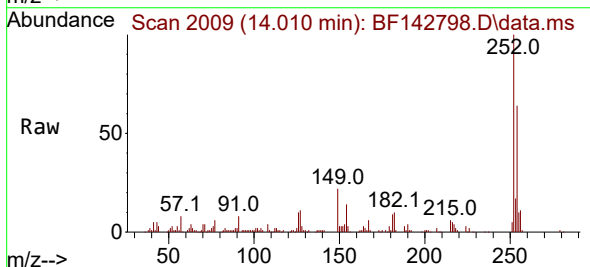
Tgt Ion:228 Resp: 49303
Ion Ratio Lower Upper
228 100
226 27.0 21.2 31.8
229 19.9 15.6 23.4

Manual Integrations
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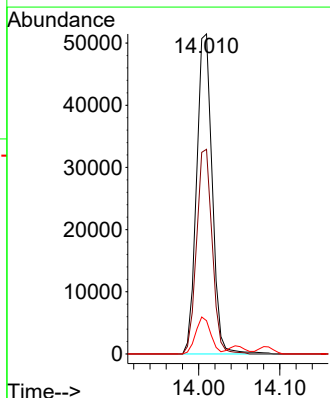
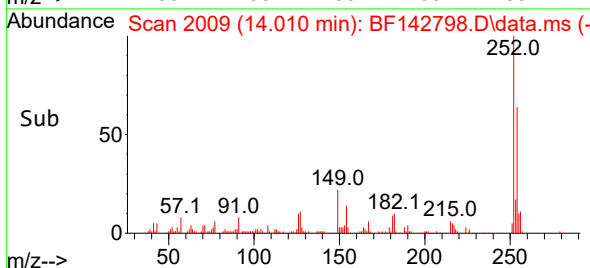
Reviewed By :Rahul Chavli 06/24/2025
Supervised By :Jagrut Upadhyay 06/24/2025

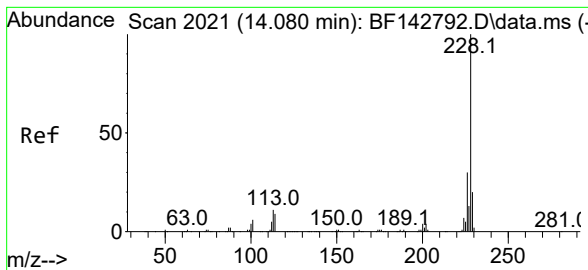


#82
3,3'-Dichlorobenzidine
Concen: 19.982 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40



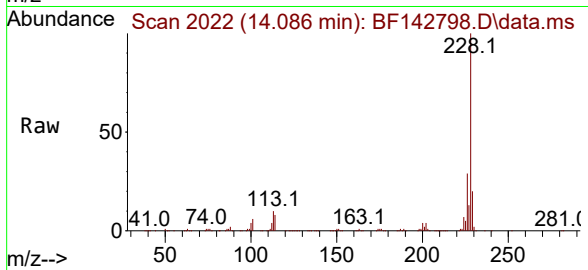
Tgt Ion:252 Resp: 68848
Ion Ratio Lower Upper
252 100
254 64.0 51.7 77.5
126 10.4 9.4 14.2





#83
Chrysene
Concen: 48.774 ng
RT: 14.086 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

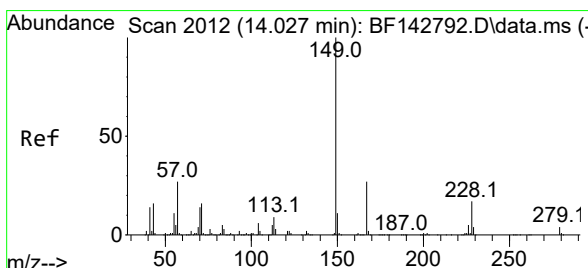
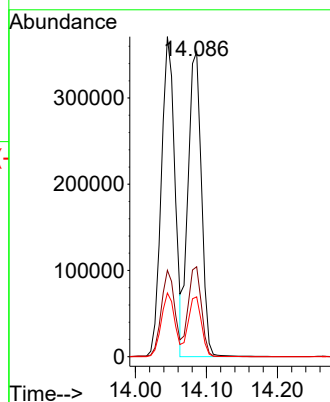
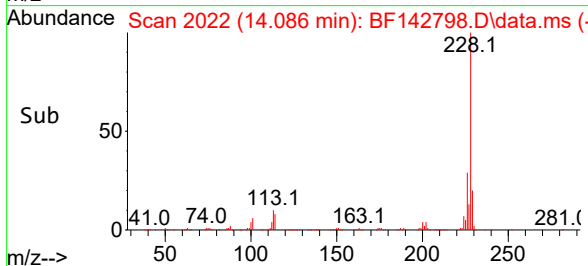
Instrument :
BNA_F
ClientSampleId :
PB168536BS



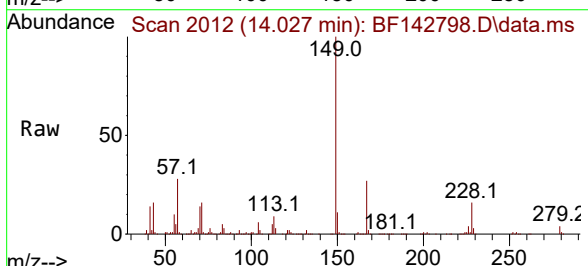
Tgt Ion:228 Resp: 462320
Ion Ratio Lower Upper
228 100
226 29.5 23.7 35.5
229 19.7 15.7 23.5

Manual Integrations
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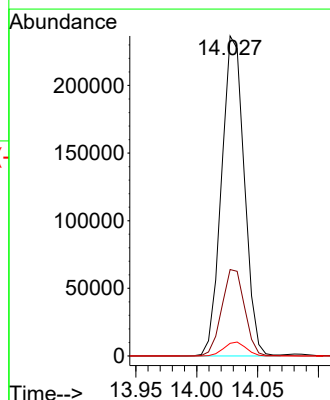
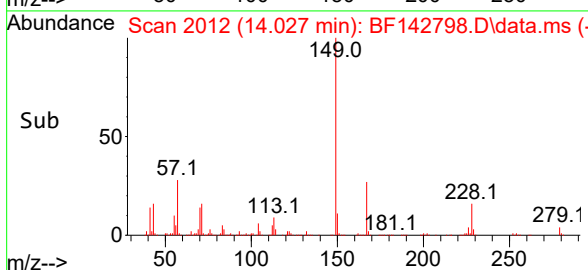
Reviewed By :Rahul Chavli 06/24/2025
Supervised By :Jagrut Upadhyay 06/24/2025

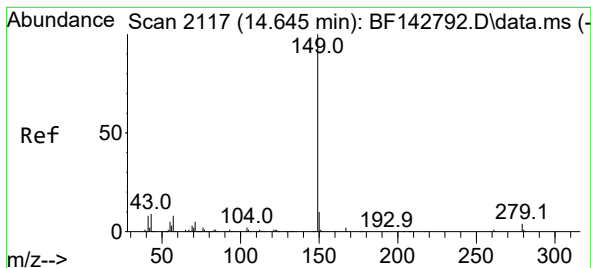


#84
Bis(2-ethylhexyl)phthalate
Concen: 49.906 ng
RT: 14.027 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40



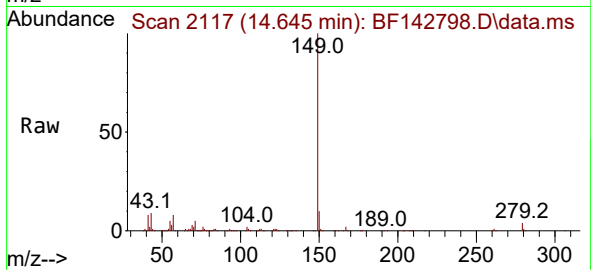
Tgt Ion:149 Resp: 307417
Ion Ratio Lower Upper
149 100
167 27.0 21.4 32.0
279 4.0 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 47.189 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

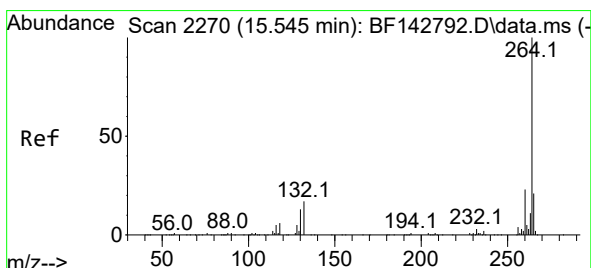
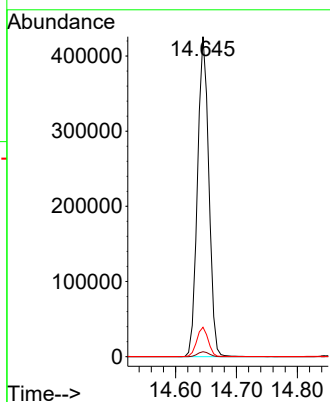
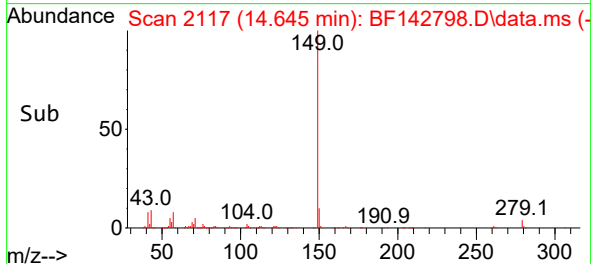
Instrument :
BNA_F
ClientSampleId :
PB168536BS



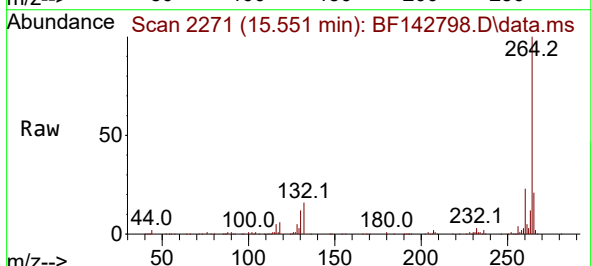
Tgt Ion:149 Resp: 54812
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.2 7.6 11.4

Manual Integrations
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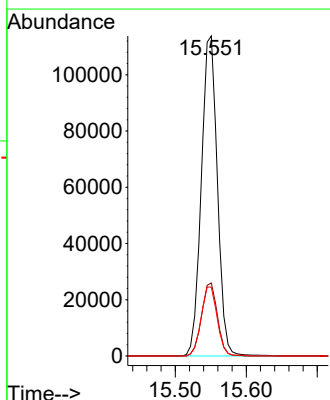
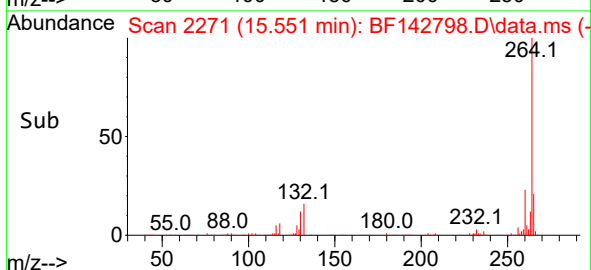
Reviewed By :Rahul Chavli 06/24/2025
Supervised By :Jagrut Upadhyay 06/24/2025

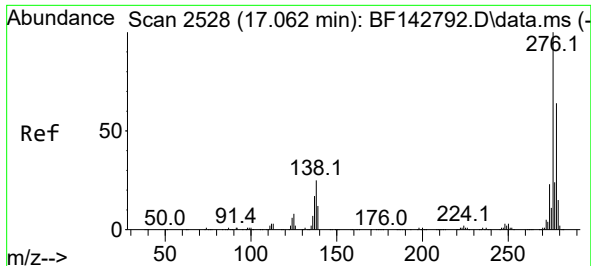


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40



Tgt Ion:264 Resp: 179007
Ion Ratio Lower Upper
264 100
260 22.8 18.1 27.1
265 21.5 16.6 25.0





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.781 ng
 RT: 17.068 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF142798.D
 Acq: 19 Jun 2025 22:40

Instrument :

BNA_F

ClientSampleId :

PB168536BS

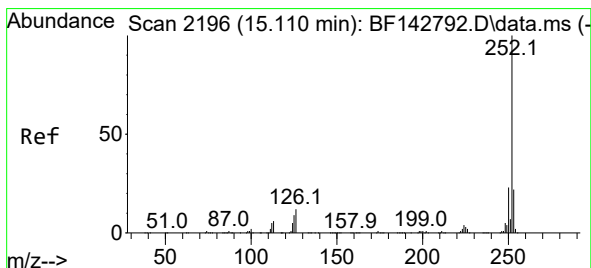
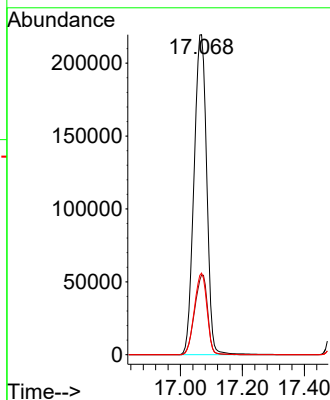
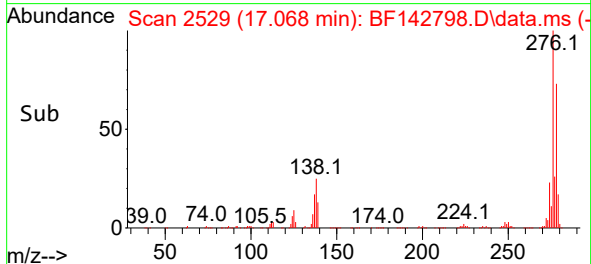
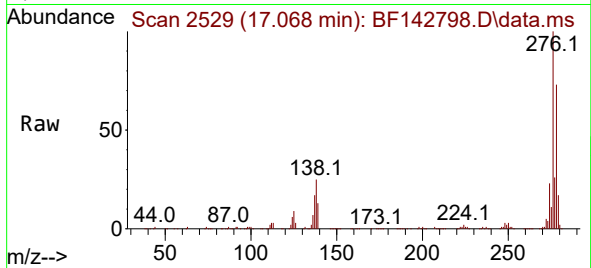
Tgt Ion:276 Resp: 62422
 Ion Ratio Lower Upper
 276 100
 138 25.3 20.2 30.4
 277 25.3 19.8 29.6

Manual Integrations

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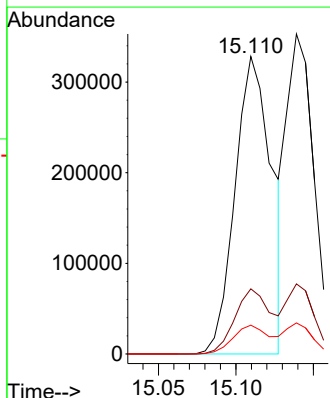
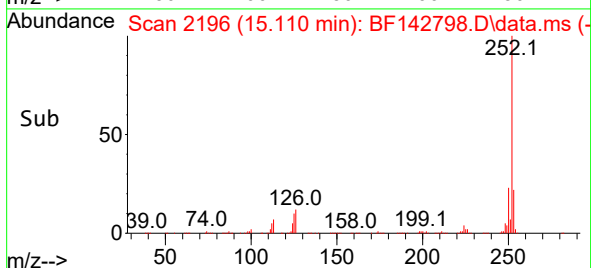
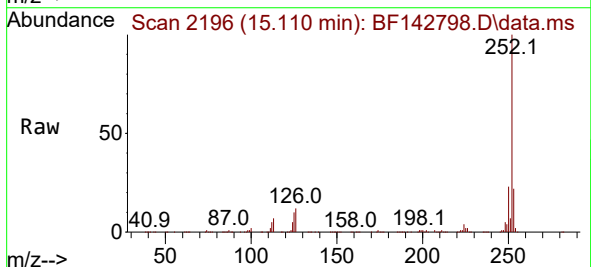
Reviewed By :Rahul Chavli 06/24/2025

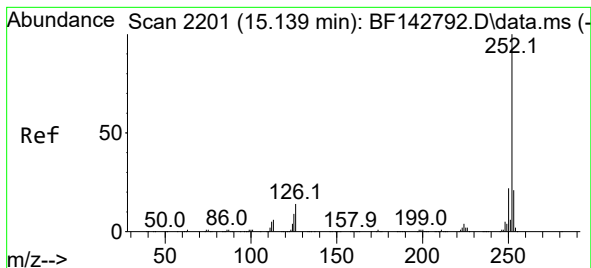
Supervised By :Jagrut Upadhyay 06/24/2025



#88
 Benzo(b)fluoranthene
 Concen: 51.974 ng
 RT: 15.110 min Scan# 2196
 Delta R.T. 0.000 min
 Lab File: BF142798.D
 Acq: 19 Jun 2025 22:40

Tgt Ion:252 Resp: 538352
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.5 26.3
 125 9.7 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 45.276 ng

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF142798.D

Acq: 19 Jun 2025 22:40

Instrument :

BNA_F

ClientSampleId :

PB168536BS

Tgt Ion:252 Resp: 43876

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

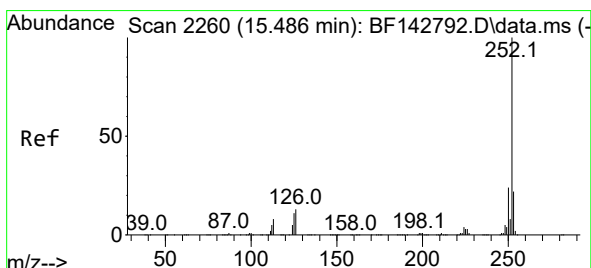
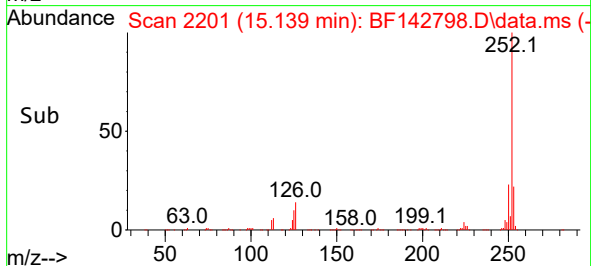
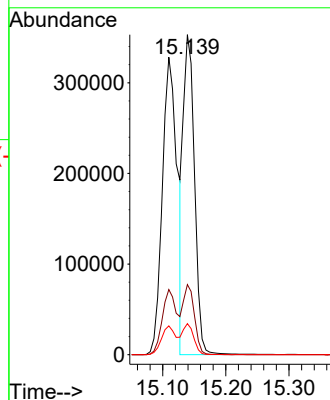
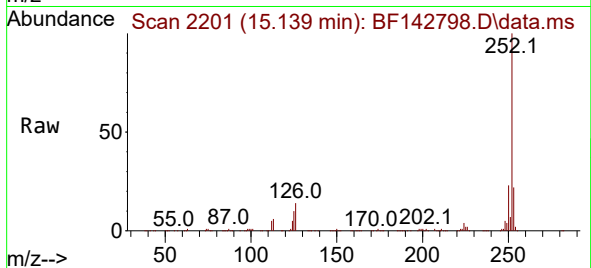
125 9.7 7.4 11.2

Manual Integrations

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Reviewed By :Rahul Chavli 06/24/2025

Supervised By :Jagrut Upadhyay 06/24/2025



#90

Benzo(a)pyrene

Concen: 48.729 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF142798.D

Acq: 19 Jun 2025 22:40

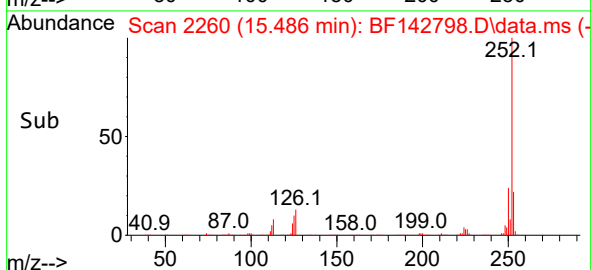
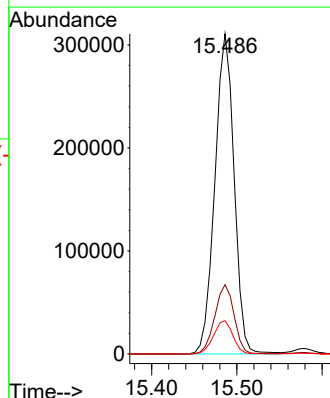
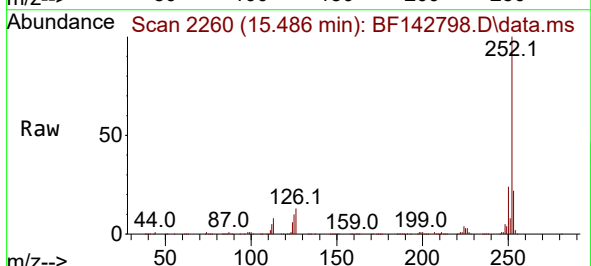
Tgt Ion:252 Resp: 487619

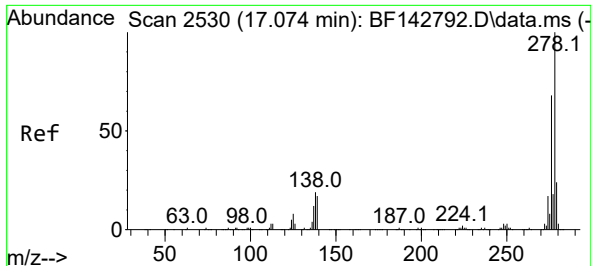
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 10.4 8.6 12.8





#91
Dibenzo(a,h)anthracene
Concen: 45.840 ng
RT: 17.080 min Scan# 2531
Delta R.T. 0.006 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

Instrument :

BNA_F

ClientSampleId :

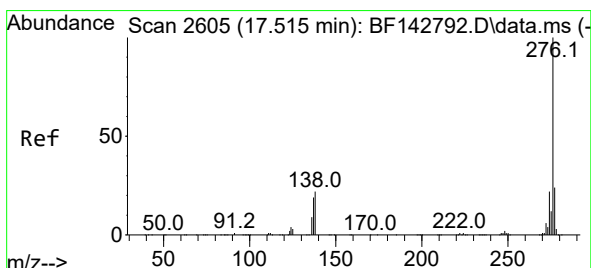
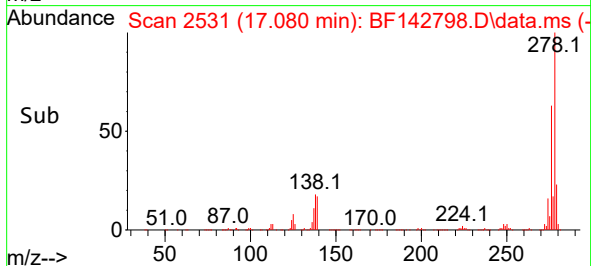
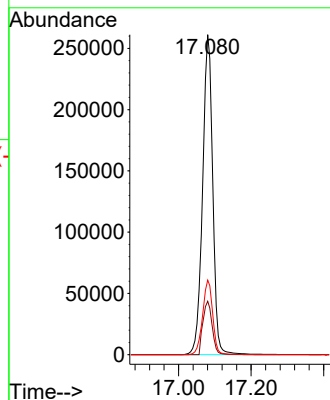
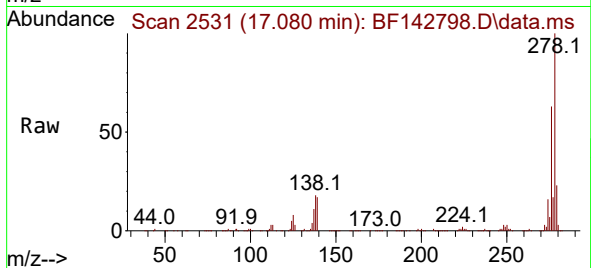
PB168536BS

Tgt Ion:278 Resp: 507840
Ion Ratio Lower Upper
278 100
139 16.7 13.5 20.3
279 23.3 18.8 28.2

Manual Integrations

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Reviewed By :Rahul Chavli 06/24/2025
Supervised By :Jagrut Upadhyay 06/24/2025



#92
Benzo(g,h,i)perylene
Concen: 45.765 ng
RT: 17.521 min Scan# 2606
Delta R.T. 0.006 min
Lab File: BF142798.D
Acq: 19 Jun 2025 22:40

Tgt Ion:276 Resp: 505570
Ion Ratio Lower Upper
276 100
277 23.6 18.8 28.2
138 21.6 17.6 26.4

