

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
 Data File : BF142864.D
 Acq On : 26 Jun 2025 13:08
 Operator : RC/JU
 Sample : Q2405-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-M/HMS

Manual Integrations
 APPROVED

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

Quant Time: Jun 26 13:37:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	78123	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	300782	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	162721	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	278939	20.000	ng	0.00
76) Chrysene-d12	14.051	240	142792	20.000	ng	0.00
86) Perylene-d12	15.545	264	167813	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	432932	92.265	ng	0.00
7) Phenol-d6	6.510	99	528641	95.492	ng	0.00
23) Nitrobenzene-d5	7.440	82	317580	57.914	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	170034	101.543	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	678348	54.764	ng	0.00
79) Terphenyl-d14	12.992	244	597977	57.862	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.705	88	70208	37.408	ng	99
3) Pyridine	3.463	79	190484	40.485	ng	99
4) n-Nitrosodimethylamine	3.422	42	105322	43.288	ng	100
6) Aniline	6.540	93	223451	30.335	ng	94
8) 2-Chlorophenol	6.663	128	229060	45.254	ng	98
9) Benzaldehyde	6.428	77	131752	40.115	ng	99
10) Phenol	6.522	94	269982	43.874	ng	96
11) bis(2-Chloroethyl)ether	6.610	93	197829	44.981	ng	99
12) 1,3-Dichlorobenzene	6.816	146	246889	43.613	ng	100
13) 1,4-Dichlorobenzene	6.893	146	247385	43.315	ng	98
14) 1,2-Dichlorobenzene	7.046	146	242521	44.769	ng	100
15) Benzyl Alcohol	7.016	79	184663	46.141	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	299358	42.365	ng	96
17) 2-Methylphenol	7.134	107	173752	45.298	ng	97
18) Hexachloroethane	7.387	117	87916	44.009	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	145618	45.227	ng	99
20) 3+4-Methylphenols	7.287	107	220140	46.030	ng	95
22) Acetophenone	7.287	105	294865	44.456	ng	99
24) Nitrobenzene	7.457	77	220874	44.502	ng	99
25) Isophorone	7.698	82	392916	44.667	ng	99
26) 2-Nitrophenol	7.775	139	128662	47.588	ng	100
27) 2,4-Dimethylphenol	7.816	122	211169	45.091	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	250083	44.718	ng	100
29) 2,4-Dichlorophenol	8.022	162	195107	45.947	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	206562	44.238	ng	99
31) Naphthalene	8.181	128	652338	44.308	ng	100
32) Benzoic acid	7.934	122	114754	48.075	ng	95
33) 4-Chloroaniline	8.228	127	90458	15.110	ng	100
34) Hexachlorobutadiene	8.298	225	126330	44.231	ng	99
35) Caprolactam	8.610	113	60577m	54.061	ng	
36) 4-Chloro-3-methylphenol	8.716	107	197697	46.845	ng	100
37) 2-Methylnaphthalene	8.875	142	409808	44.898	ng	100
38) 1-Methylnaphthalene	8.975	142	426540	45.142	ng	100
40) 1,2,4,5-Tetrachloroben...	9.040	216	209049	43.540	ng	99
41) Hexachlorocyclopentadiene	9.028	237	230934	84.756	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	139898	44.715	ng	99

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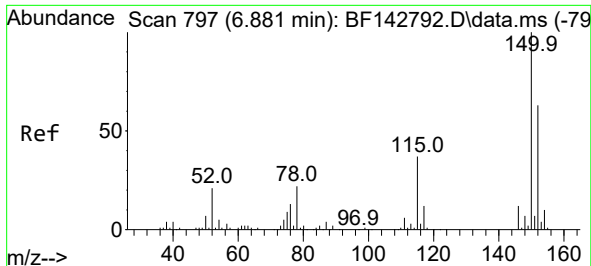
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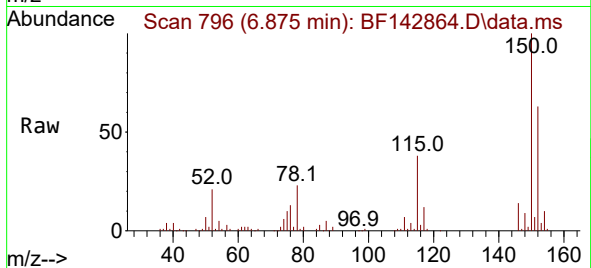
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	149126	45.279	ng	99
46) 1,1'-Biphenyl	9.339	154	562272	43.743	ng	100
47) 2-Chloronaphthalene	9.363	162	419378	43.477	ng	99
48) 2-Nitroaniline	9.463	65	126186	46.661	ng	95
49) Acenaphthylene	9.781	152	703885	44.327	ng	100
50) Dimethylphthalate	9.639	163	501762	47.637	ng	99
51) 2,6-Dinitrotoluene	9.704	165	110420	47.736	ng	99
52) Acenaphthene	9.957	154	480493m	49.594	ng	
53) 3-Nitroaniline	9.875	138	68421	26.866	ng	97
54) 2,4-Dinitrophenol	9.987	184	120023	103.626	ng	95
55) Dibenzofuran	10.128	168	619682	44.604	ng	100
56) 4-Nitrophenol	10.039	139	168555	96.674	ng	96
57) 2,4-Dinitrotoluene	10.110	165	154520	50.291	ng	98
58) Fluorene	10.469	166	494146	45.543	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	123741	46.611	ng	98
60) Diethylphthalate	10.339	149	506743	49.068	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	236415	45.662	ng	99
62) 4-Nitroaniline	10.492	138	117853	50.598	ng	98
63) Azobenzene	10.622	77	481242	52.137	ng	95
65) 4,6-Dinitro-2-methylph...	10.522	198	80461	47.689	ng	98
66) n-Nitrosodiphenylamine	10.581	169	426737	44.142	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	147007	46.307	ng	97
68) Hexachlorobenzene	11.022	284	159064	45.093	ng	97
69) Atrazine	11.110	200	136603	54.720	ng	99
70) Pentachlorophenol	11.216	266	158413	90.122	ng	99
71) Phenanthrene	11.433	178	683957	45.265	ng	100
72) Anthracene	11.486	178	693781	44.769	ng	99
73) Carbazole	11.639	167	612754	45.820	ng	100
74) Di-n-butylphthalate	11.969	149	759930	54.548	ng	100
75) Fluoranthene	12.622	202	629705	43.912	ng	100
77) Benzidine	12.745	184	224161	41.783	ng	99
78) Pyrene	12.851	202	604275	45.147	ng	99
80) Butylbenzylphthalate	13.469	149	223418	57.545	ng	96
81) Benzo(a)anthracene	14.045	228	449845	46.699	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	59209	18.950	ng	97
83) Chrysene	14.080	228	392625	45.677	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	281077	50.318	ng	100
85) Di-n-octyl phthalate	14.639	149	447818	42.515	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	435619	34.080	ng	98
88) Benzo(b)fluoranthene	15.104	252	470660	48.470	ng	99
89) Benzo(k)fluoranthene	15.139	252	409496	45.075	ng	99
90) Benzo(a)pyrene	15.480	252	441034	47.014	ng	100
91) Dibenzo(a,h)anthracene	17.068	278	356663	34.342	ng	100
92) Benzo(g,h,i)perylene	17.510	276	318928	30.796	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

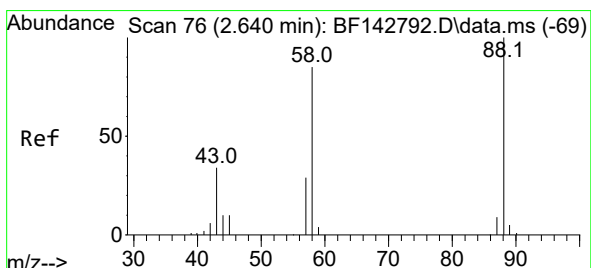
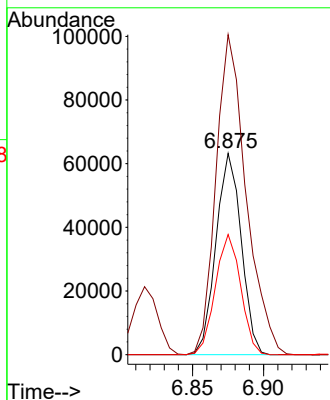
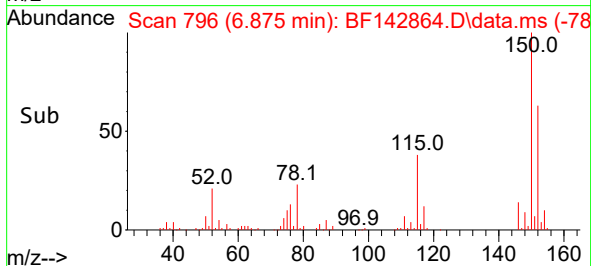
Instrument :
BNA_F
ClientSampleId :
MH-M/HMS



Tgt Ion:152 Resp: 7812
Ion Ratio Lower Upper
152 100
150 159.0 127.2 190.8
115 59.7 46.6 69.8

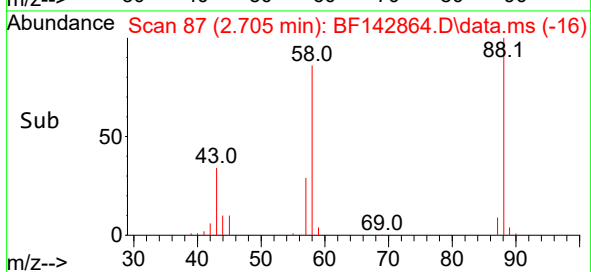
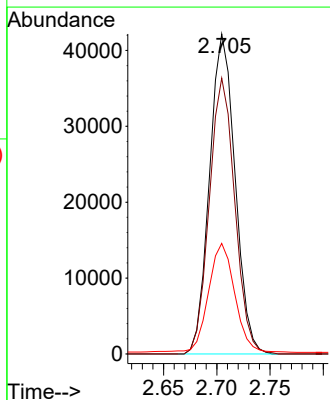
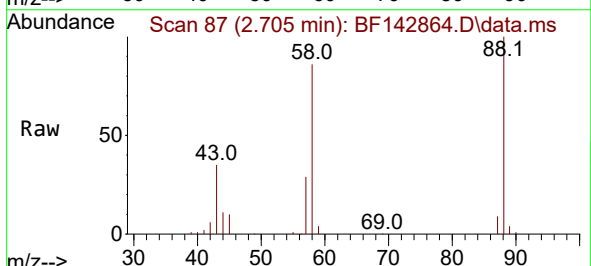
Manual Integrations
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#2
1,4-Dioxane
Concen: 37.408 ng
RT: 2.705 min Scan# 87
Delta R.T. 0.065 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

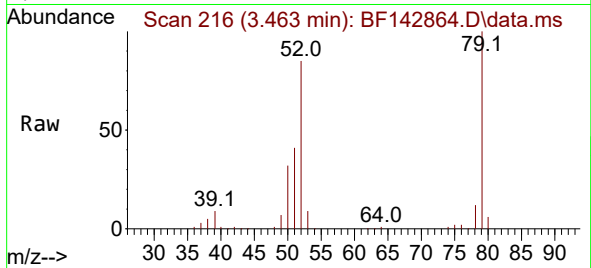
Tgt Ion: 88 Resp: 70208
Ion Ratio Lower Upper
88 100
58 86.0 69.1 103.7
43 35.4 27.4 41.2





#3
Pyridine
Concen: 40.485 ng
RT: 3.463 min Scan# 216
Delta R.T. 0.053 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

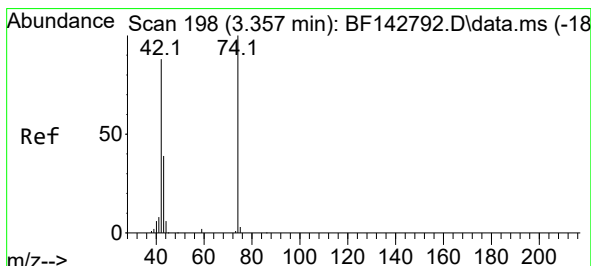
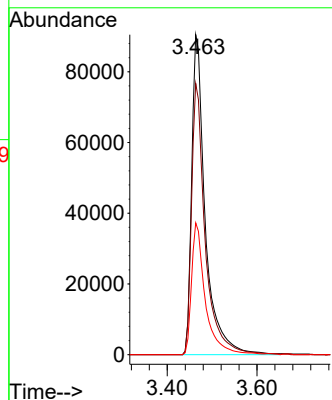
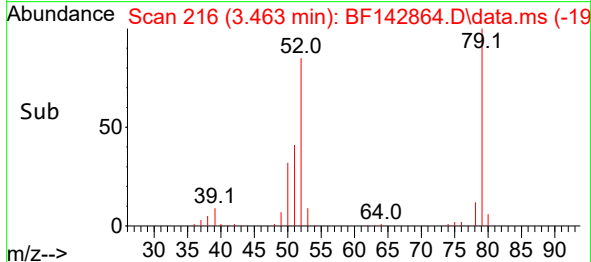
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BNA_F
ClientSampleId :
MH-M/HMS



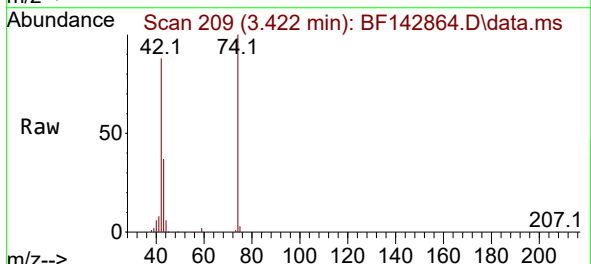
Tgt Ion: 79 Resp: 190484
Ion Ratio Lower Upper
79 100
52 84.8 69.2 103.8
51 41.2 33.2 49.8

Manual Integrations
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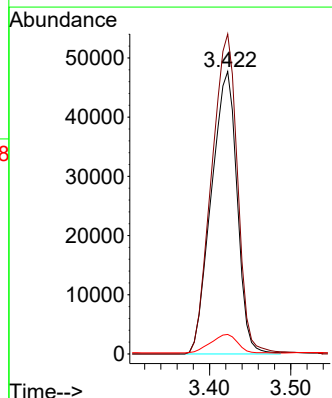
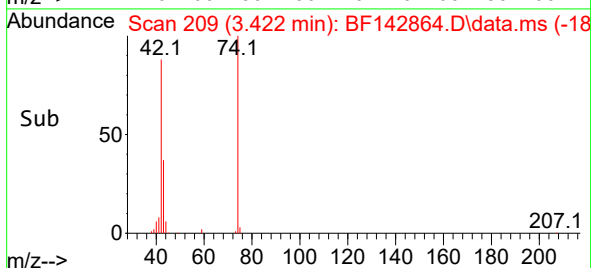
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Supervised By :Jagrut Upadhyay 06/27/2025



#4
n-Nitrosodimethylamine
Concen: 43.288 ng
RT: 3.422 min Scan# 209
Delta R.T. 0.065 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08



Tgt Ion: 42 Resp: 105322
Ion Ratio Lower Upper
42 100
74 113.3 90.9 136.3
44 6.9 5.8 8.6





#5
2-Fluorophenol
Concen: 92.265 ng
RT: 5.499 min Scan# 501
Delta R.T. 0.007 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

Instrument :

BNA_F

ClientSampleId :

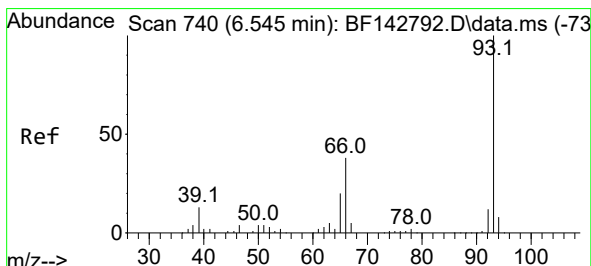
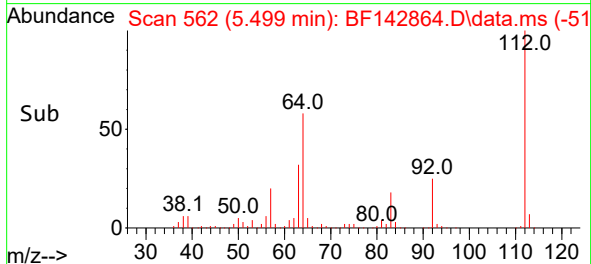
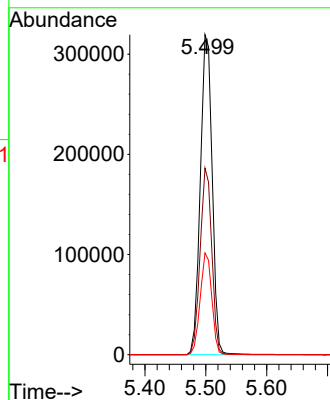
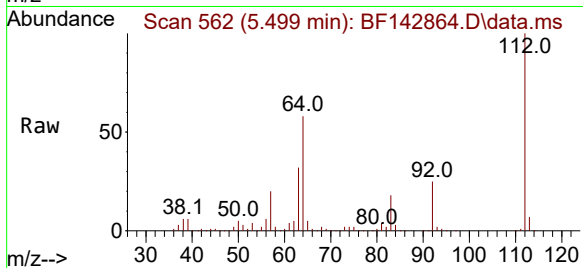
MH-M/HMS

Tgt Ion:112 Resp: 432932
Ion Ratio Lower Upper
112 100
64 58.3 48.2 72.2
63 31.8 25.7 38.5

Manual Integrations

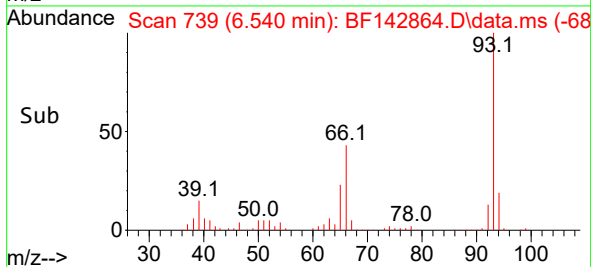
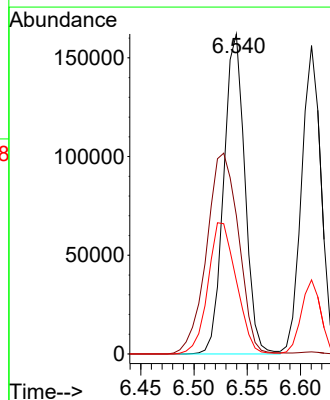
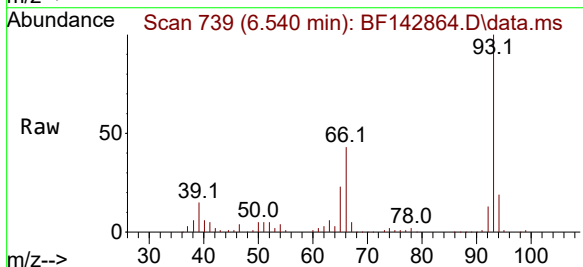
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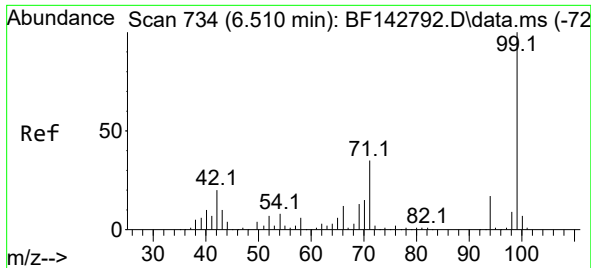
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Supervised By :Jagrut Upadhyay 06/27/2025



#6
Aniline
Concen: 30.335 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

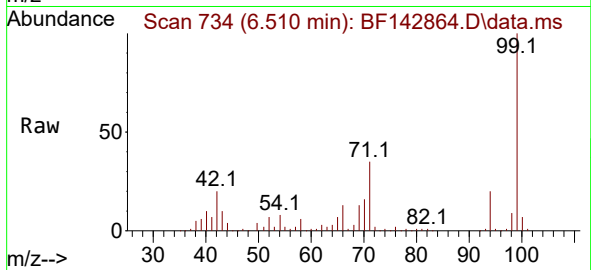
Tgt Ion: 93 Resp: 223451
Ion Ratio Lower Upper
93 100
66 43.3 31.8 47.6
65 22.9 16.2 24.2





#7
Phenol-d6
Concen: 95.492 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

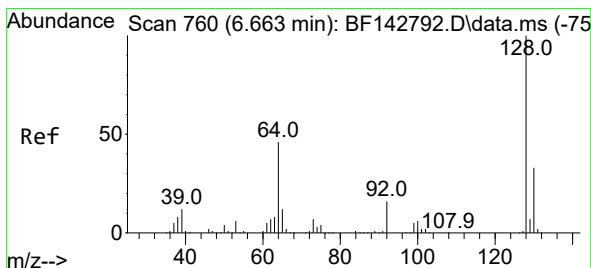
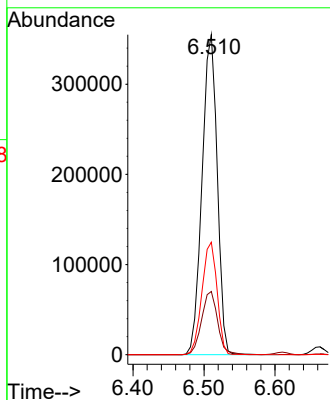
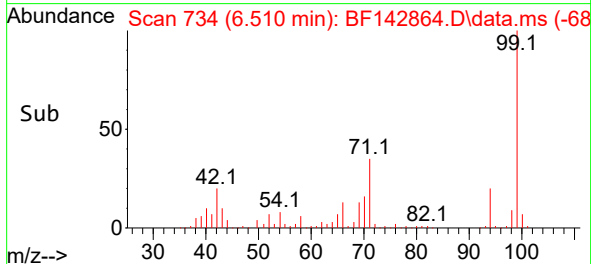
Instrument :
BNA_F
ClientSampleId :
MH-M/HMS



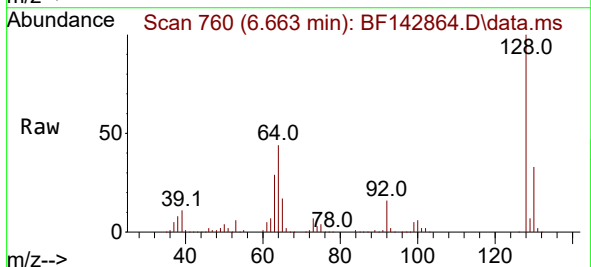
Tgt Ion: 99 Resp: 52864
Ion Ratio Lower Upper
99 100
42 19.8 15.9 23.9
71 35.1 27.8 41.8

Manual Integrations
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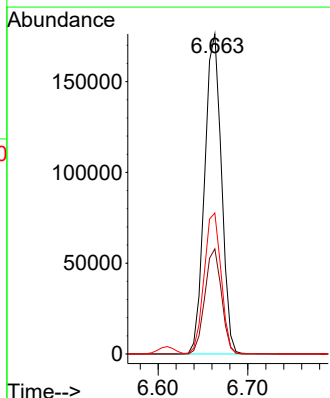
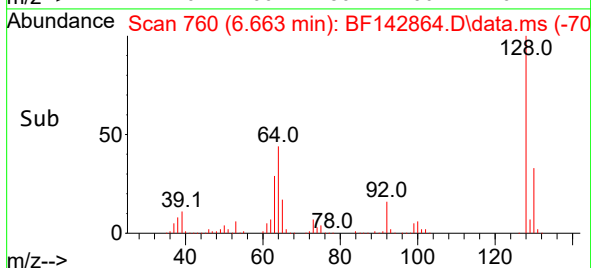
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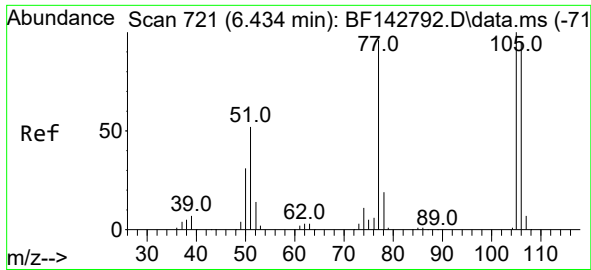


#8
2-Chlorophenol
Concen: 45.254 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08



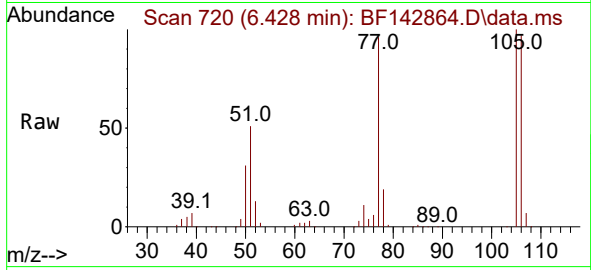
Tgt Ion:128 Resp: 229060
Ion Ratio Lower Upper
128 100
130 32.9 12.7 52.7
64 44.1 26.5 66.5





#9
Benzaldehyde
Concen: 40.115 ng
RT: 6.428 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

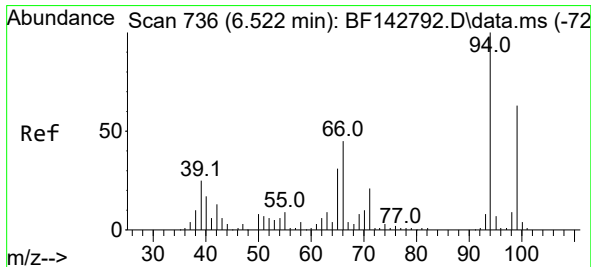
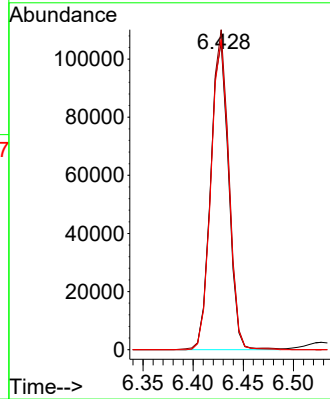
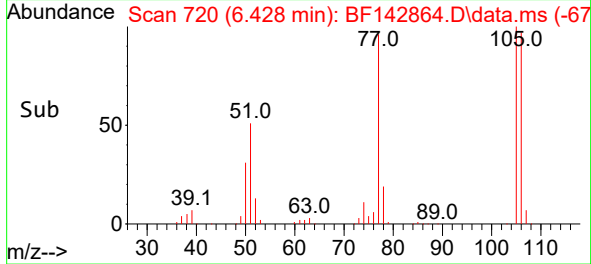
Instrument :
BNA_F
ClientSampleId :
MH-M/HMS



Tgt Ion: 77 Resp: 131752
Ion Ratio Lower Upper
77 100
105 104.3 83.8 123.8
106 101.1 78.7 118.7

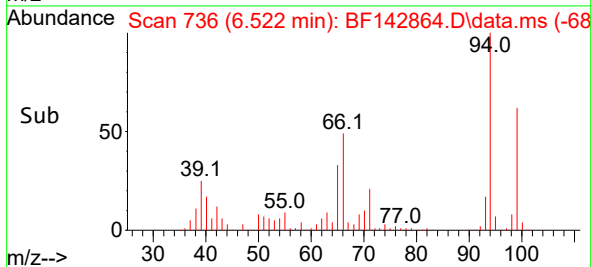
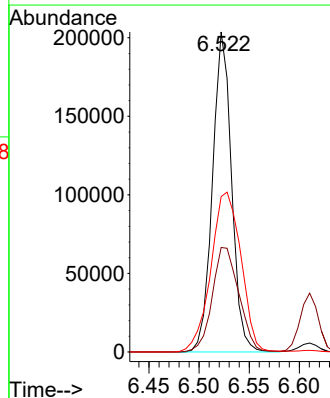
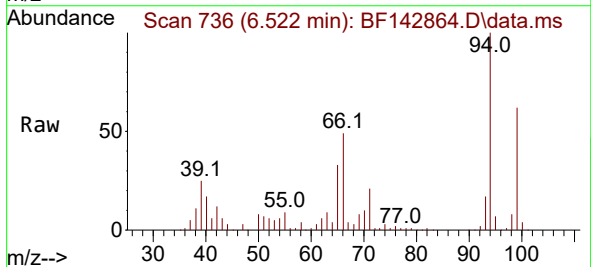
Manual Integrations
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Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#10
Phenol
Concen: 43.874 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

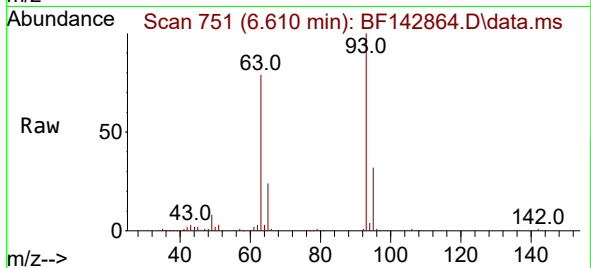
Tgt Ion: 94 Resp: 269982
Ion Ratio Lower Upper
94 100
65 32.6 11.3 51.3
66 48.6 24.9 64.9





#11
bis(2-Chloroethyl)ether
Concen: 44.981 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

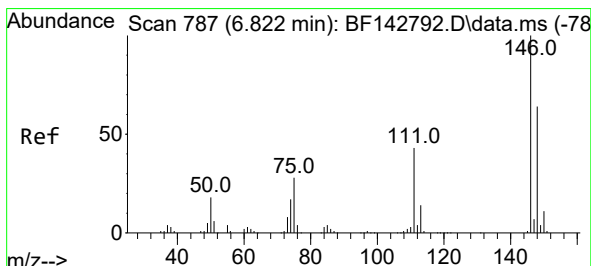
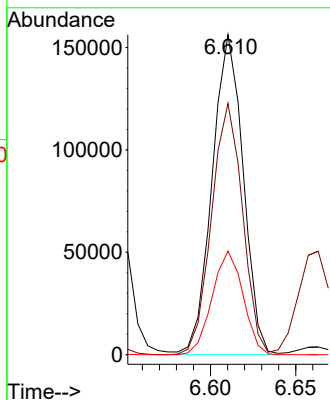
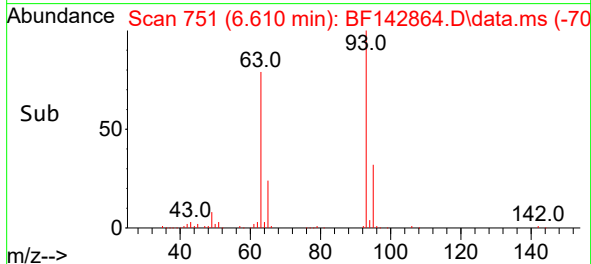
Instrument :
BNA_F
ClientSampleId :
MH-M/HMS



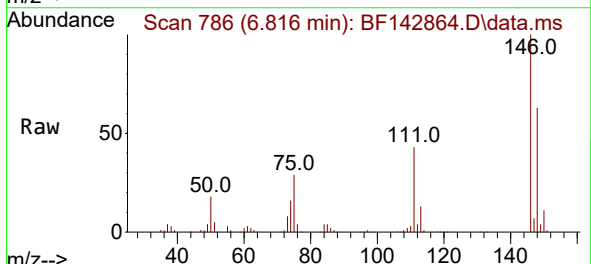
Tgt Ion: 93 Resp: 197829
Ion Ratio Lower Upper
93 100
63 78.5 60.3 100.3
95 32.4 12.5 52.5

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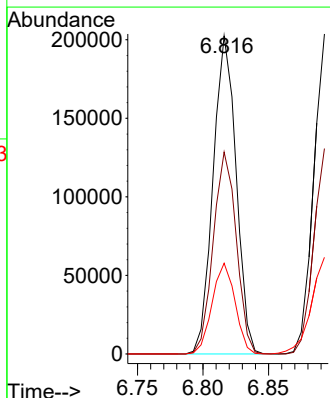
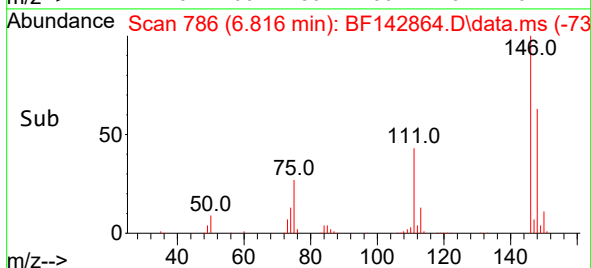
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

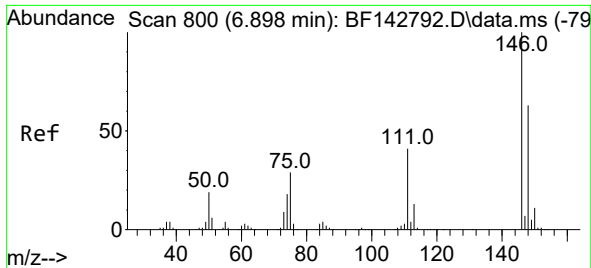


#12
1,3-Dichlorobenzene
Concen: 43.613 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08



Tgt Ion:146 Resp: 246889
Ion Ratio Lower Upper
146 100
148 63.5 51.1 76.7
75 28.5 22.7 34.1





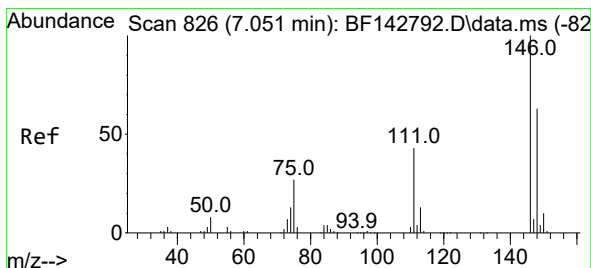
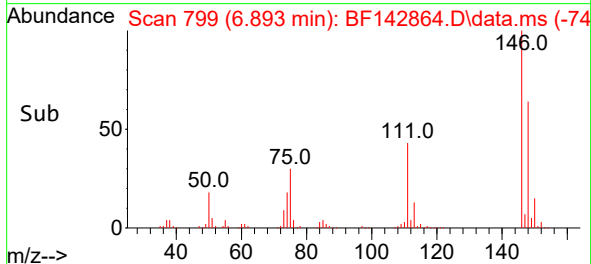
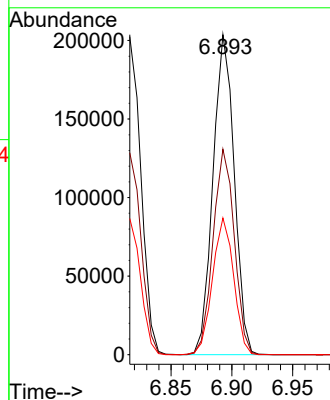
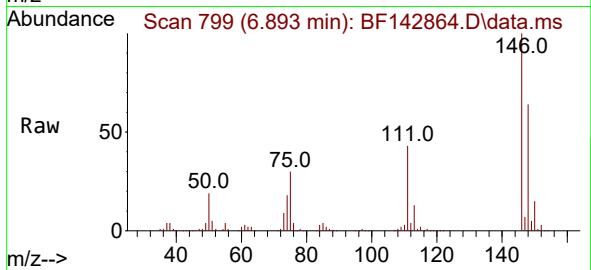
#13
1,4-Dichlorobenzene
Concen: 43.315 ng
RT: 6.893 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

Instrument :
BNA_F
ClientSampleId :
MH-M/HMS

Tgt Ion:146 Resp: 247385
Ion Ratio Lower Upper
146 100
148 64.2 50.2 75.2
111 42.7 33.2 49.8

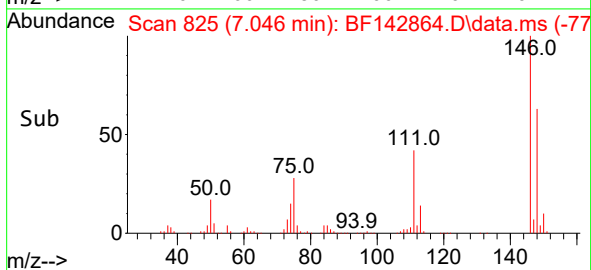
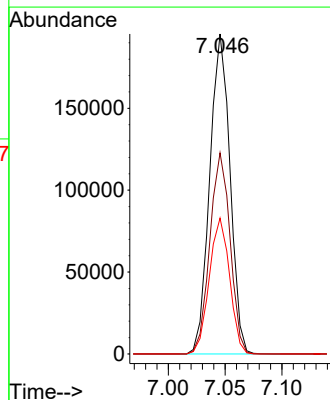
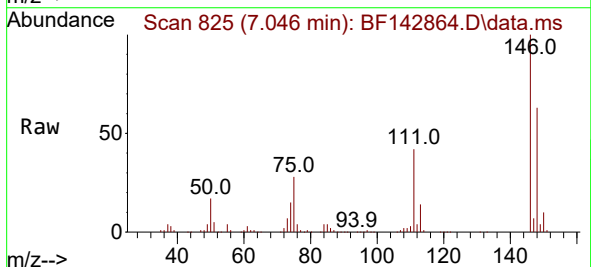
Manual Integrations
APPROVED

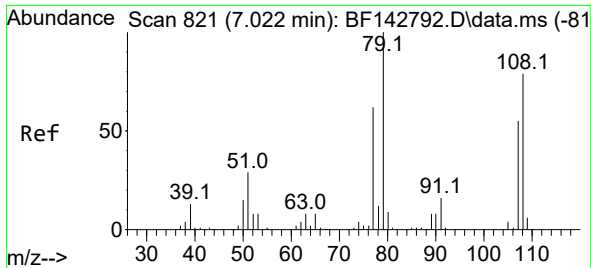
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#14
1,2-Dichlorobenzene
Concen: 44.769 ng
RT: 7.046 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

Tgt Ion:146 Resp: 242521
Ion Ratio Lower Upper
146 100
148 62.8 50.4 75.6
111 42.5 34.1 51.1





#15
Benzyl Alcohol
Concen: 46.141 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

Instrument :

BNA_F

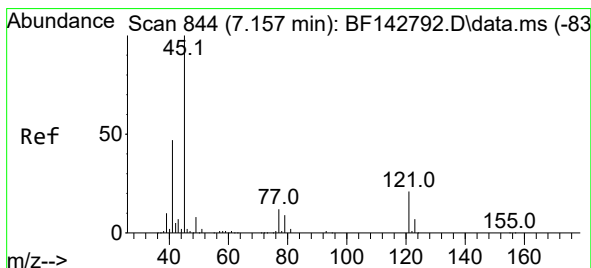
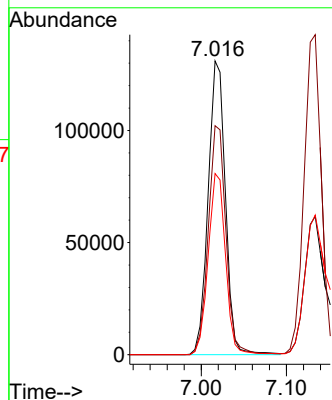
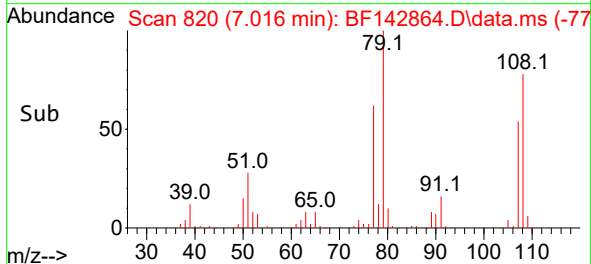
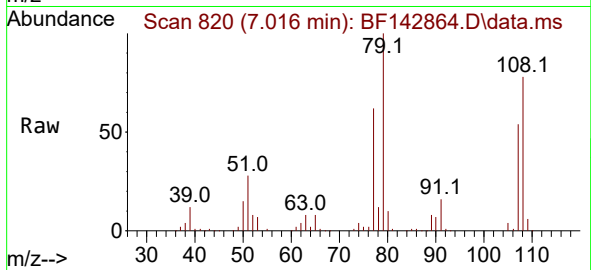
ClientSampleId :

MH-M/HMS

Tgt Ion: 79 Resp: 18466
Ion Ratio Lower Upper
79 100
108 78.0 63.4 95.0
77 61.7 49.5 74.3

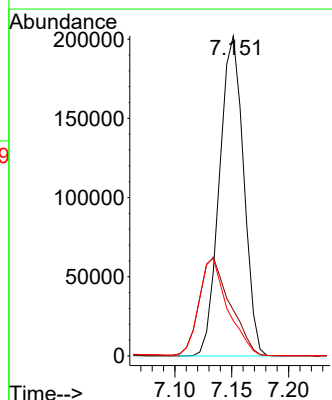
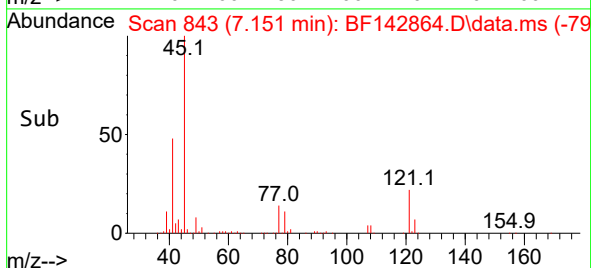
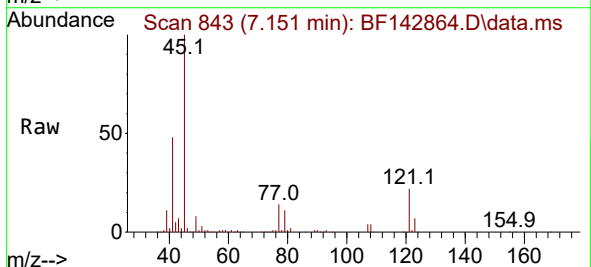
Manual Integrations
APPROVED

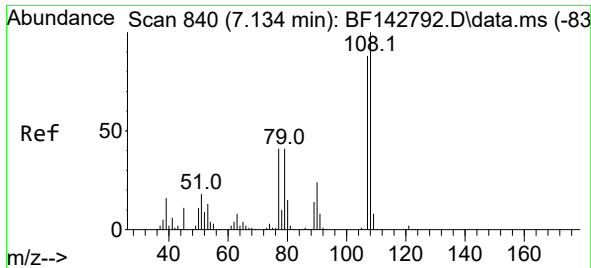
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.365 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

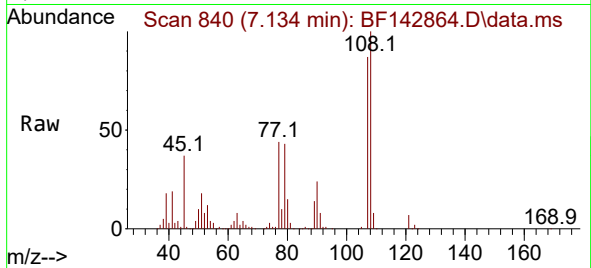
Tgt Ion: 45 Resp: 299358
Ion Ratio Lower Upper
45 100
77 14.3 0.0 32.8
79 11.0 0.0 29.8





#17
2-Methylphenol
Concen: 45.298 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

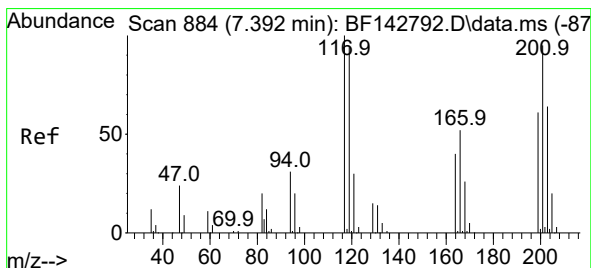
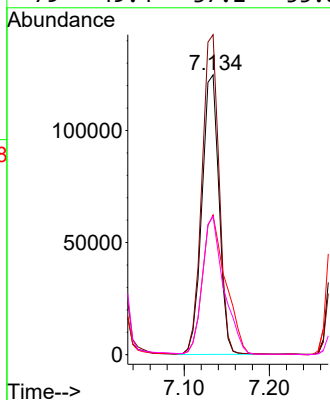
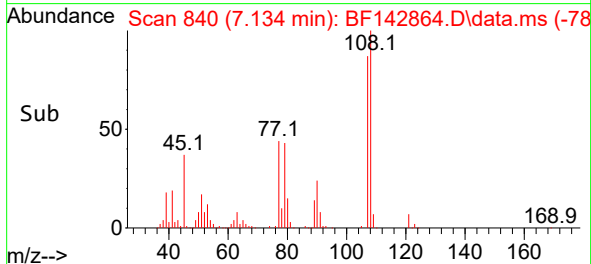
Instrument :
BNA_F
ClientSampleId :
MH-M/HMS



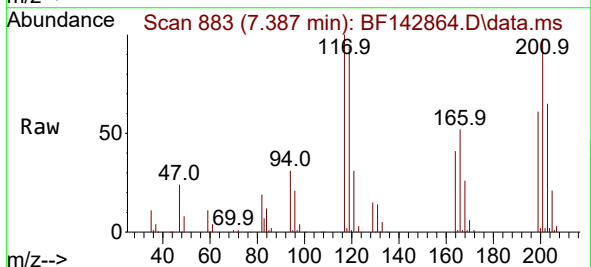
Tgt Ion:107 Resp: 173752
Ion Ratio Lower Upper
107 100
108 114.4 90.9 136.3
77 49.9 37.3 55.9
79 49.4 37.2 55.8

Manual Integrations
APPROVED

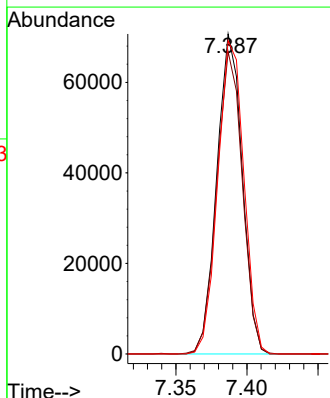
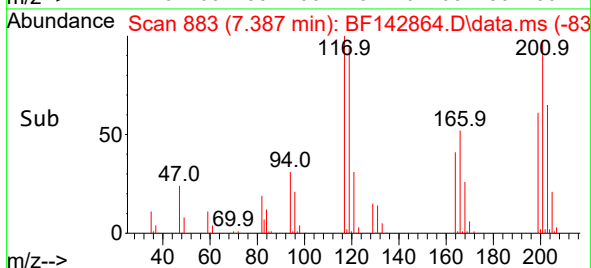
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

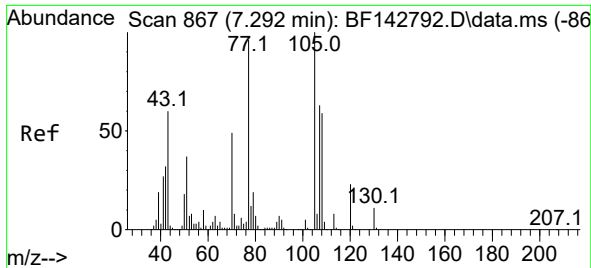


#18
Hexachloroethane
Concen: 44.009 ng
RT: 7.387 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08



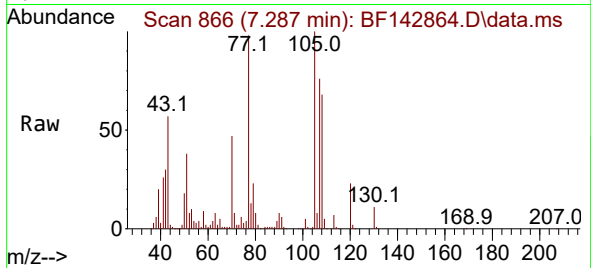
Tgt Ion:117 Resp: 87916
Ion Ratio Lower Upper
117 100
119 94.5 75.4 113.0
201 97.9 75.9 113.9





#19
n-Nitroso-di-n-propylamine
Concen: 45.227 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

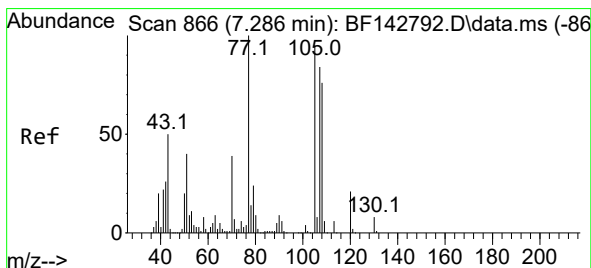
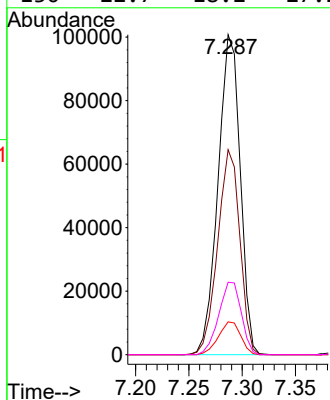
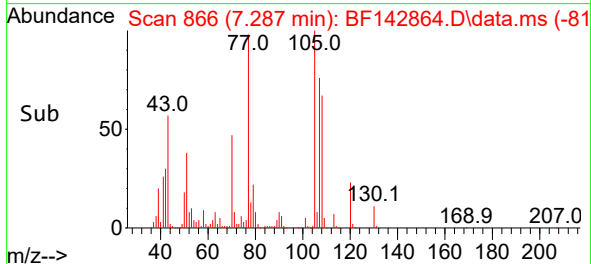
Instrument :
BNA_F
ClientSampleId :
MH-M/HMS



Tgt Ion: 70 Resp: 145618
Ion Ratio Lower Upper
70 100
42 64.0 52.1 78.1
101 10.3 8.2 12.2
130 22.7 18.2 27.2

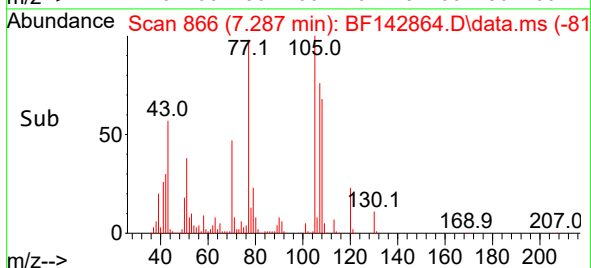
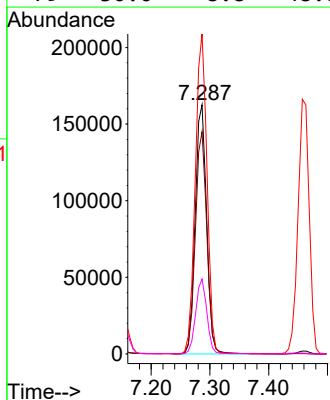
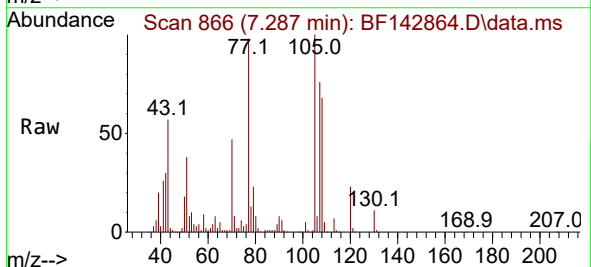
Manual Integrations
APPROVED

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



#20
3+4-Methylphenols
Concen: 46.030 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

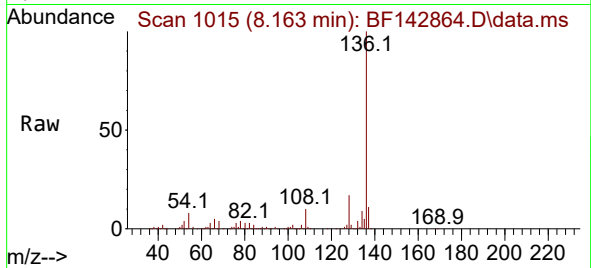
Tgt Ion:107 Resp: 220140
Ion Ratio Lower Upper
107 100
108 89.2 70.0 110.0
77 128.5 98.5 138.5
79 30.0 8.8 48.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

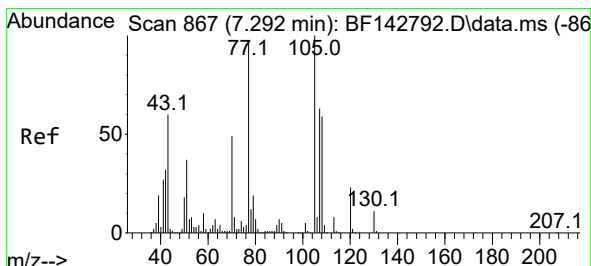
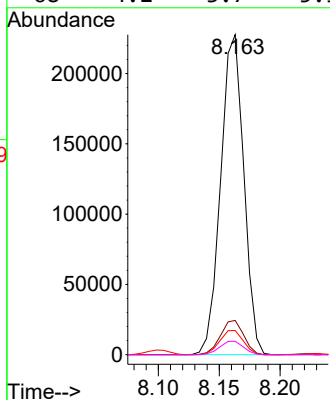
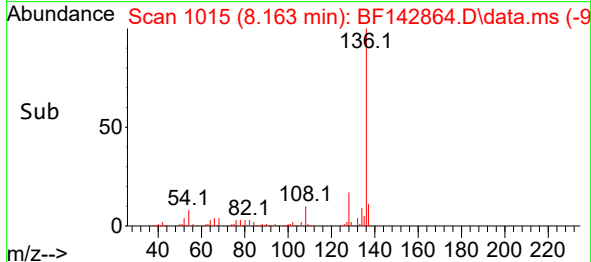
Instrument :
BNA_F
ClientSampleId :
MH-M/HMS



Tgt Ion:136 Resp: 30078
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.5 6.3 9.5
68 4.2 3.7 5.5

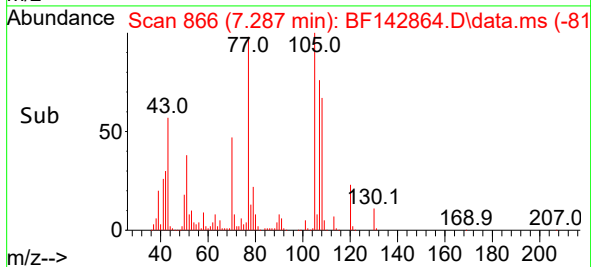
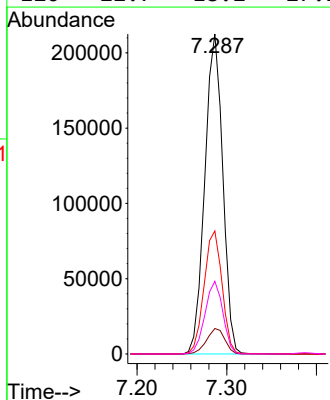
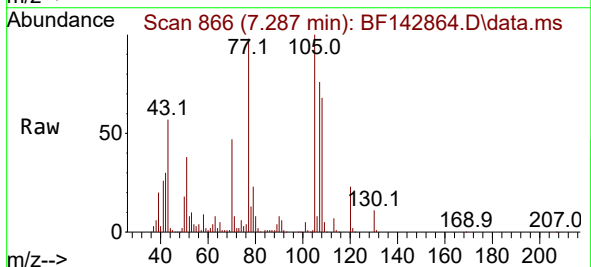
Manual Integrations
APPROVED

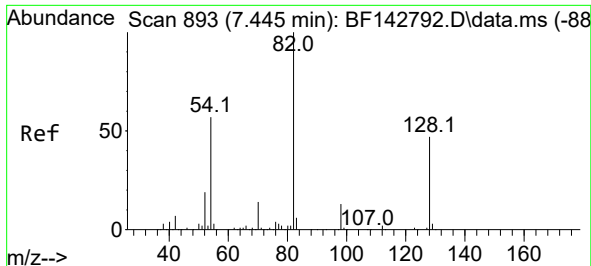
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#22
Acetophenone
Concen: 44.456 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

Tgt Ion:105 Resp: 294865
Ion Ratio Lower Upper
105 100
71 8.0 6.5 9.7
51 38.4 29.8 44.8
120 22.7 18.2 27.2





#23

Nitrobenzene-d5

Concen: 57.914 ng

RT: 7.440 min Scan# 892

Delta R.T. -0.005 min

Lab File: BF142864.D

Acq: 26 Jun 2025 13:08

Instrument :

BNA_F

ClientSampleId :

MH-M/HMS

Tgt Ion: 82 Resp: 317580

Ion Ratio Lower Upper

82 100

128 48.3 37.7 56.5

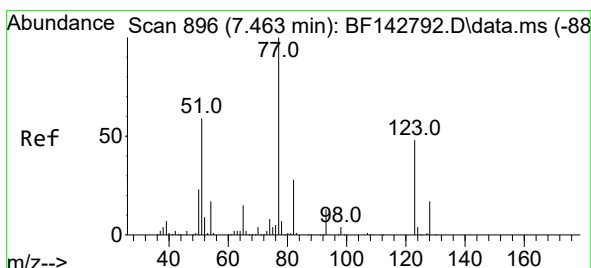
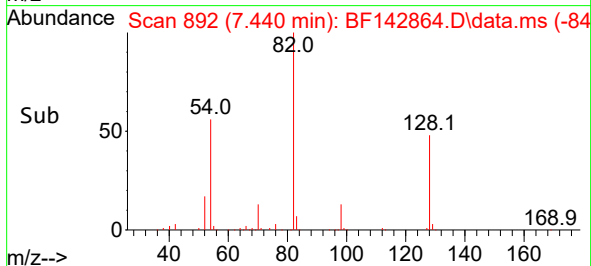
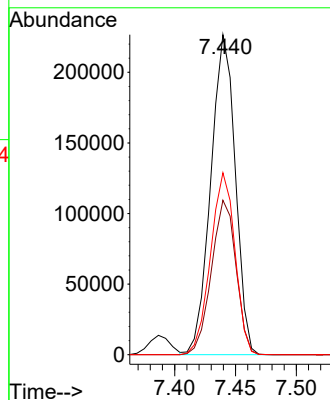
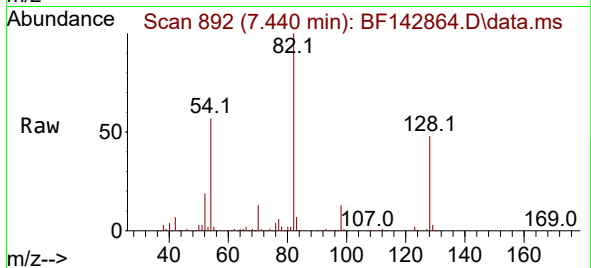
54 56.8 45.7 68.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#24

Nitrobenzene

Concen: 44.502 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF142864.D

Acq: 26 Jun 2025 13:08

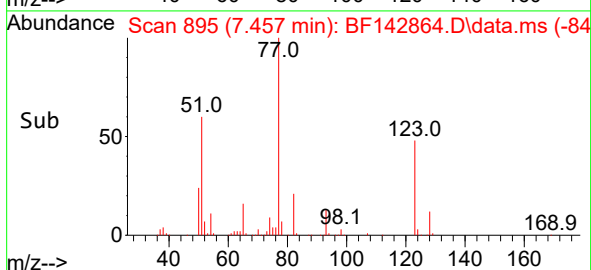
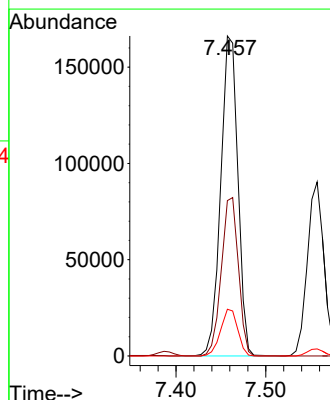
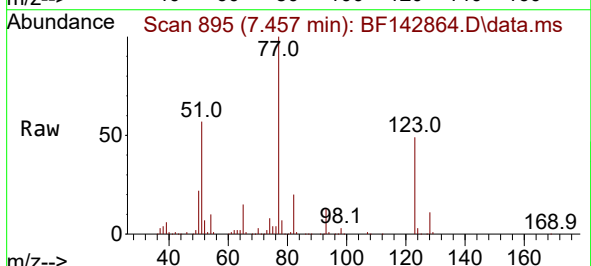
Tgt Ion: 77 Resp: 220874

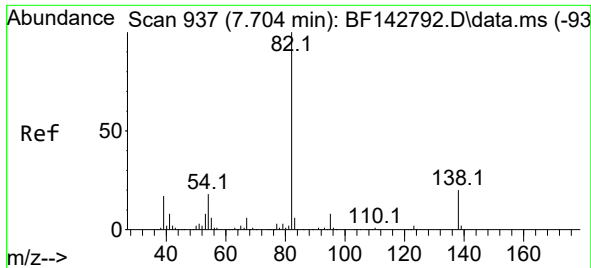
Ion Ratio Lower Upper

77 100

123 48.5 39.2 58.8

65 14.6 11.6 17.4





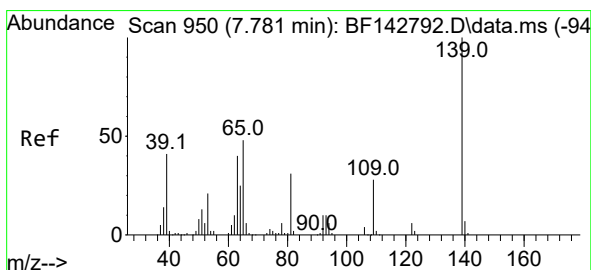
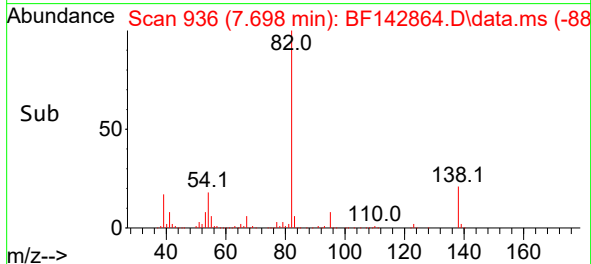
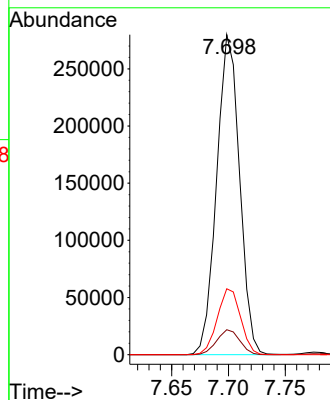
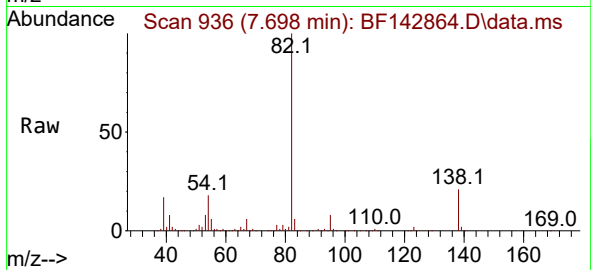
#25
Isophorone
Concen: 44.667 ng
RT: 7.698 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

Instrument :
BNA_F
ClientSampleId :
MH-M/HMS

Tgt Ion: 82 Resp: 392910
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.2
138 20.6 16.2 24.4

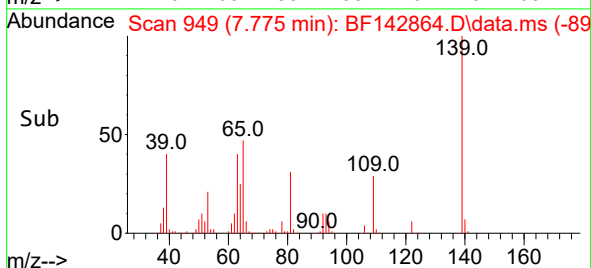
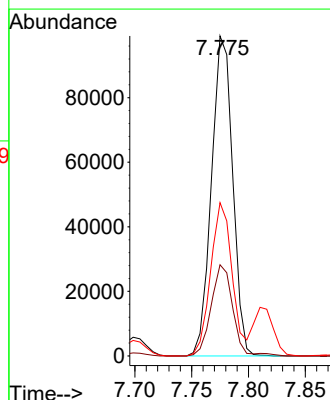
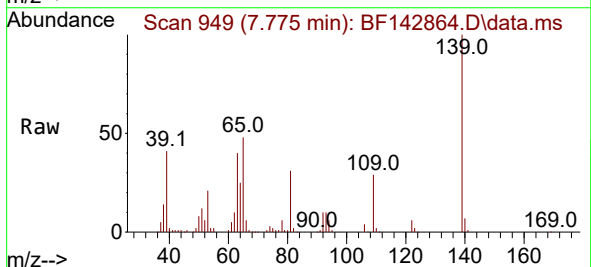
Manual Integrations
APPROVED

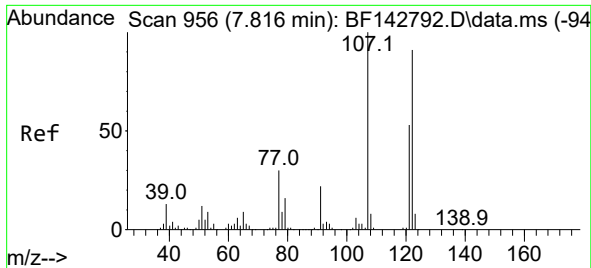
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#26
2-Nitrophenol
Concen: 47.588 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

Tgt Ion:139 Resp: 128662
Ion Ratio Lower Upper
139 100
109 28.5 22.7 34.1
65 47.9 38.6 58.0





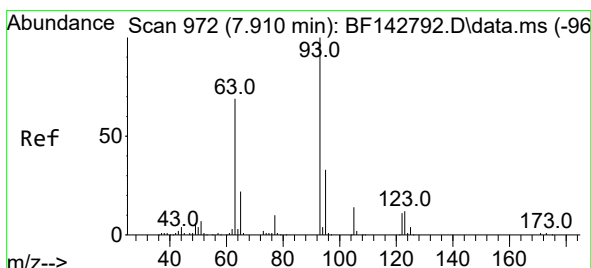
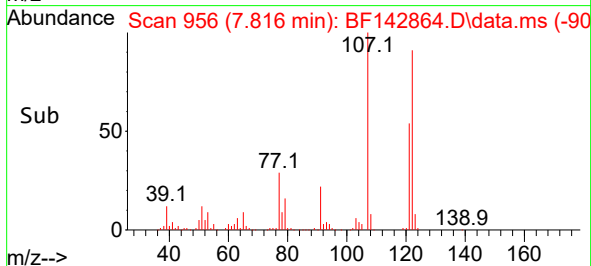
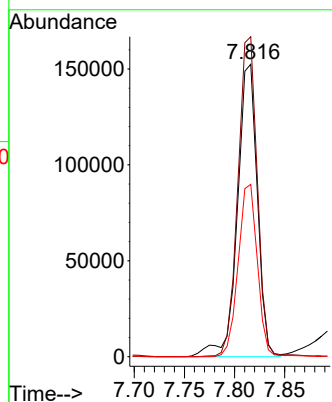
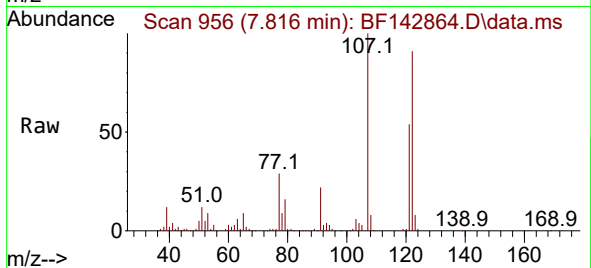
#27
2,4-Dimethylphenol
Concen: 45.091 ng
RT: 7.816 min Scan# 956
Delta R.T. 0.000 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

Instrument :
BNA_F
ClientSampleId :
MH-M/HMS

Tgt Ion:122 Resp: 211169
Ion Ratio Lower Upper
122 100
107 109.4 88.0 132.0
121 58.9 46.3 69.5

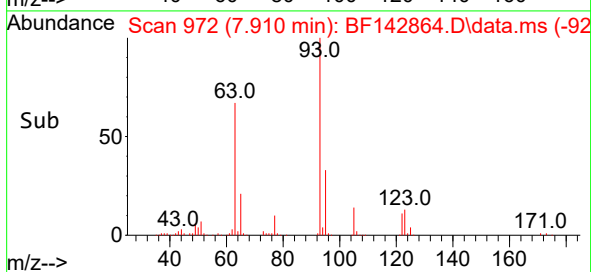
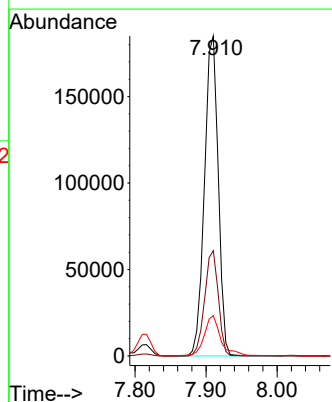
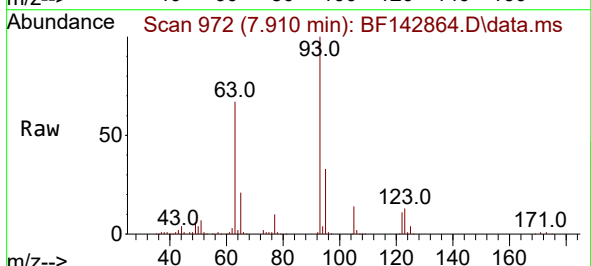
Manual Integrations
APPROVED

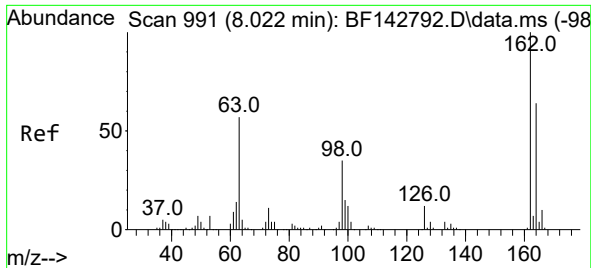
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#28
bis(2-Chloroethoxy)methane
Concen: 44.718 ng
RT: 7.910 min Scan# 972
Delta R.T. 0.000 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

Tgt Ion: 93 Resp: 250083
Ion Ratio Lower Upper
93 100
95 32.9 26.2 39.2
123 12.6 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 45.947 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF142864.D

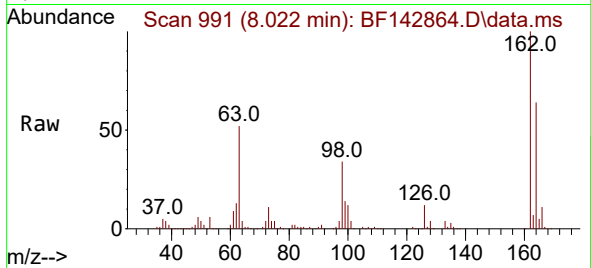
Acq: 26 Jun 2025 13:08

Instrument :

BNA_F

ClientSampleId :

MH-M/HMS



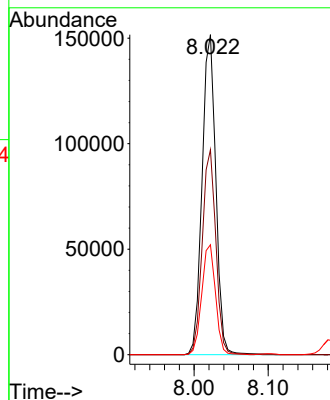
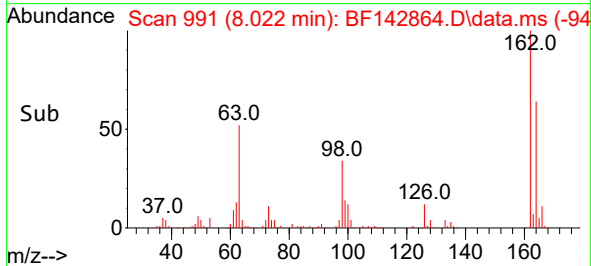
Tgt Ion:	162	Resp:	19510
Ion Ratio	Lower	Upper	
162	100		
164	64.0	44.0	84.0
98	34.4	15.4	55.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#30

1,2,4-Trichlorobenzene

Concen: 44.238 ng

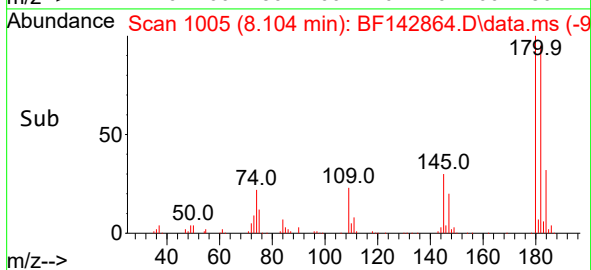
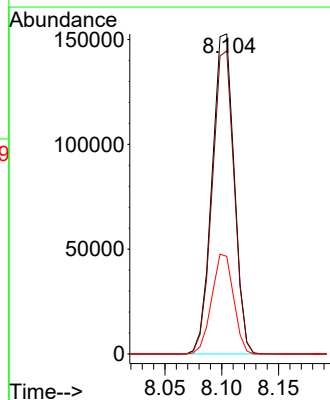
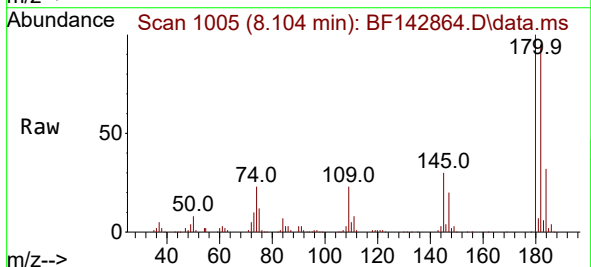
RT: 8.104 min Scan# 1005

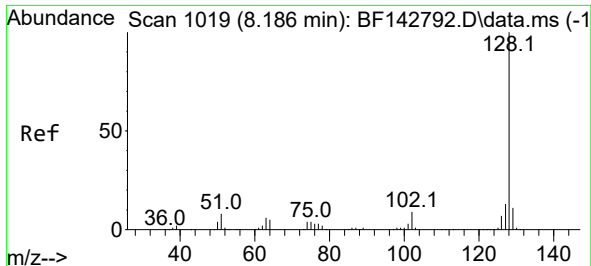
Delta R.T. 0.000 min

Lab File: BF142864.D

Acq: 26 Jun 2025 13:08

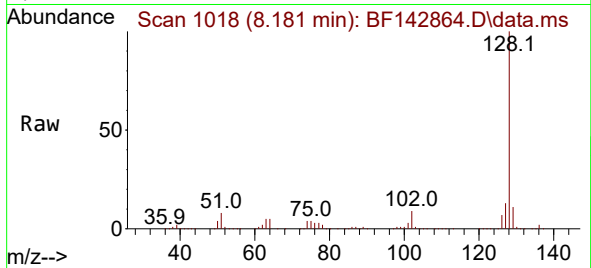
Tgt Ion:	180	Resp:	206562
Ion Ratio	Lower	Upper	
180	100		
182	94.7	76.4	114.6
145	30.5	25.8	38.8





#31
Naphthalene
Concen: 44.308 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

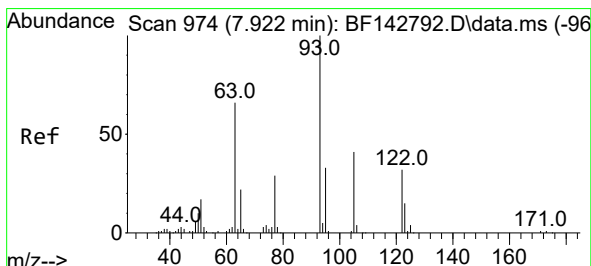
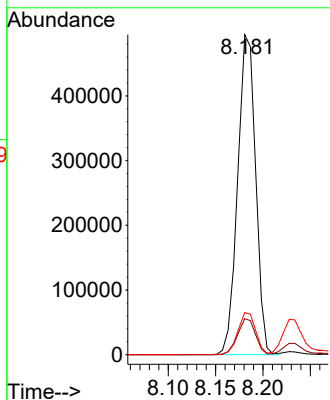
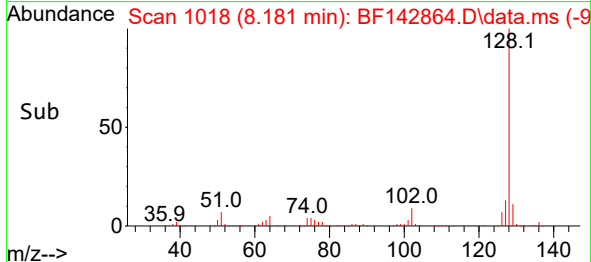
Instrument :
BNA_F
ClientSampleId :
MH-M/HMS



Tgt Ion:128 Resp: 652338
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.1 10.4 15.6

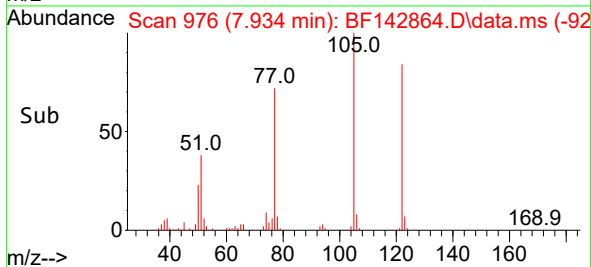
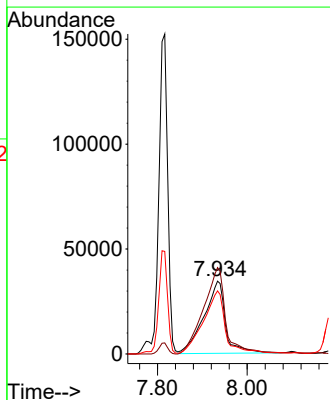
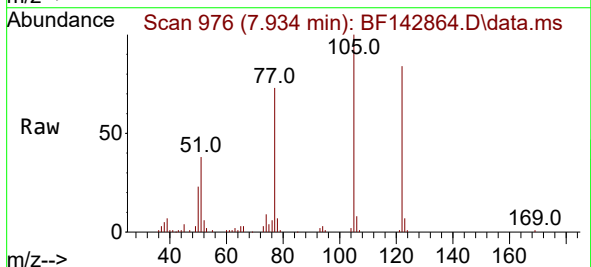
Manual Integrations
APPROVED

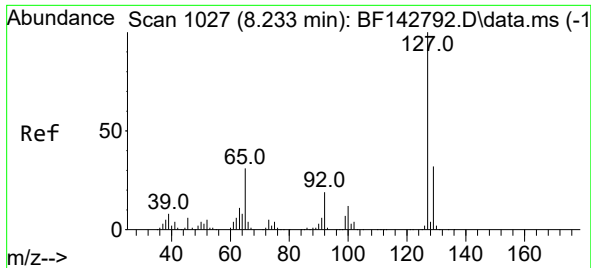
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#32
Benzoic acid
Concen: 48.075 ng
RT: 7.934 min Scan# 976
Delta R.T. 0.012 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

Tgt Ion:122 Resp: 114754
Ion Ratio Lower Upper
122 100
105 118.8 104.7 144.7
77 86.6 70.2 110.2





#33
4-Chloroaniline
Concen: 15.110 ng
RT: 8.228 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

Instrument :

BNA_F

ClientSampleId :

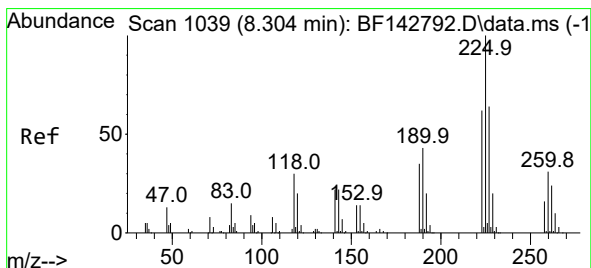
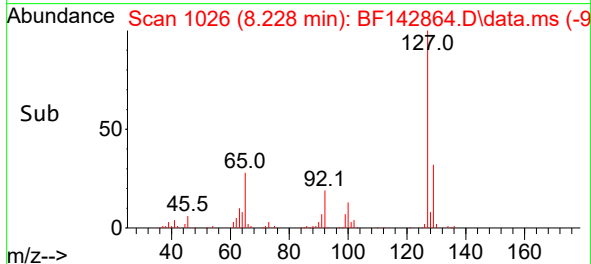
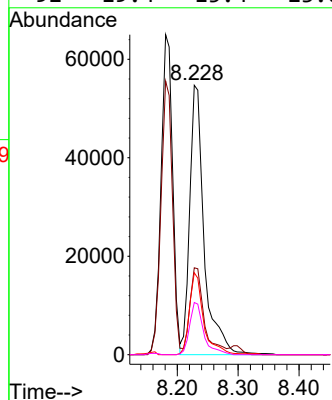
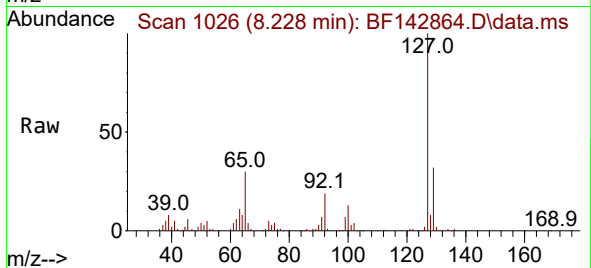
MH-M/HMS

Tgt Ion:127 Resp: 90458
Ion Ratio Lower Upper
127 100
129 32.2 25.9 38.9
65 30.4 24.6 36.8
92 19.4 15.4 23.0

Manual Integrations

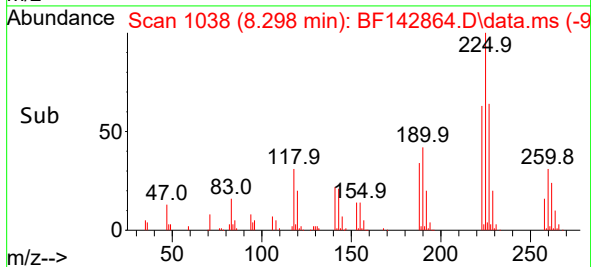
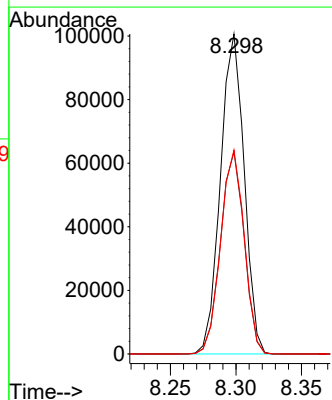
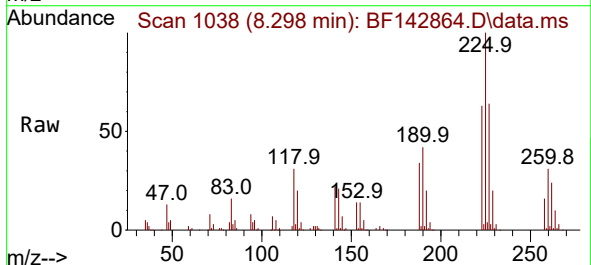
APPROVED

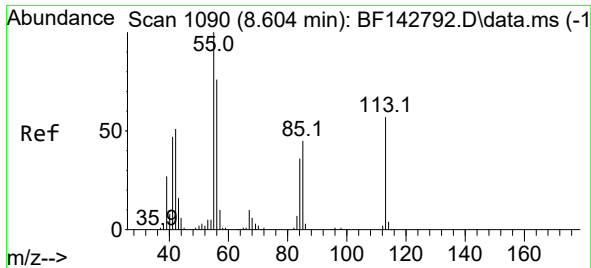
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#34
Hexachlorobutadiene
Concen: 44.231 ng
RT: 8.298 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

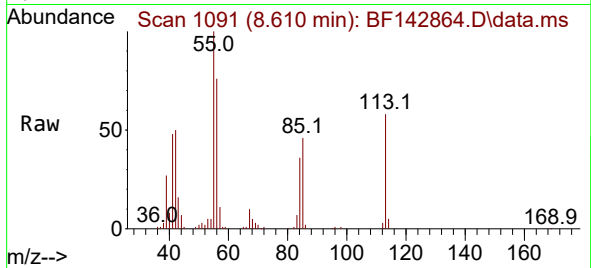
Tgt Ion:225 Resp: 126330
Ion Ratio Lower Upper
225 100
223 63.2 49.9 74.9
227 63.7 51.4 77.0





#35
 Caprolactam
 Concen: 54.061 ng m
 RT: 8.610 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: BF142864.D
 Acq: 26 Jun 2025 13:08

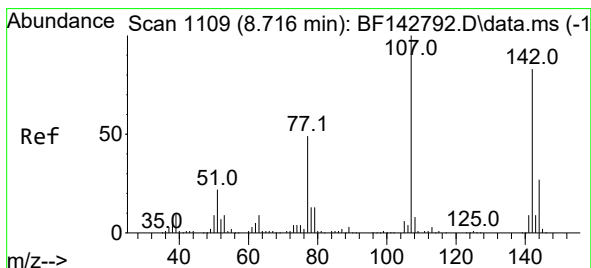
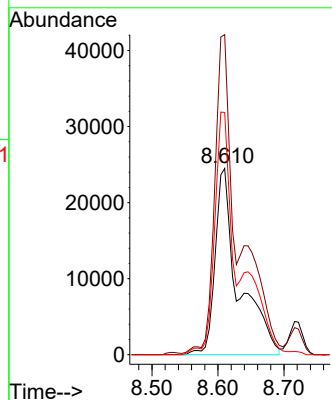
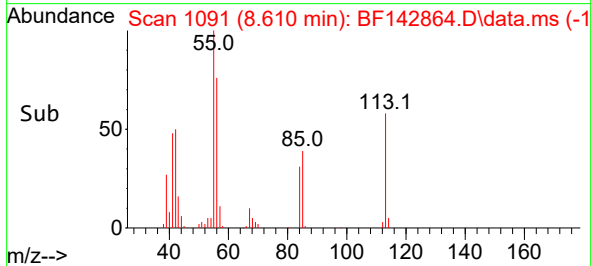
Instrument :
 BNA_F
 ClientSampleId :
 MH-M/HMS



Tgt Ion:113 Resp: 6057
 Ion Ratio Lower Upper
 113 100
 55 171.8 154.4 194.4
 56 130.0 112.1 152.1

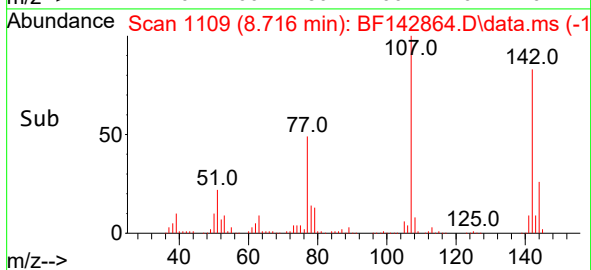
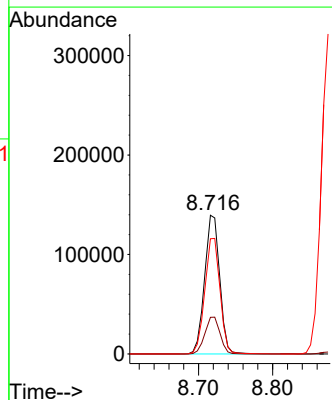
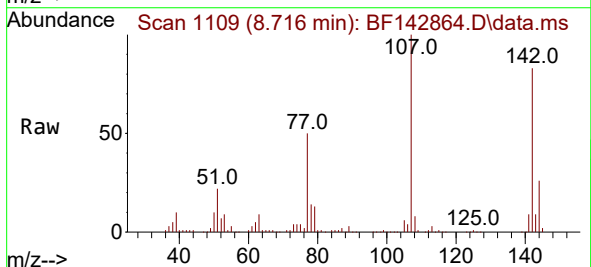
Manual Integrations
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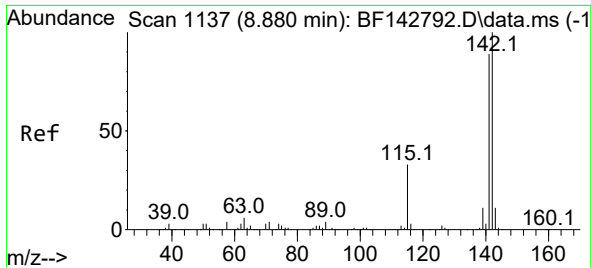
Reviewed By :Rahul Chavli 06/27/2025
 Supervised By :Jagrut Upadhyay 06/27/2025



#36
 4-Chloro-3-methylphenol
 Concen: 46.845 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF142864.D
 Acq: 26 Jun 2025 13:08

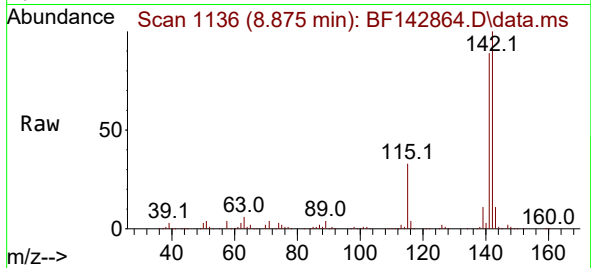
Tgt Ion:107 Resp: 197697
 Ion Ratio Lower Upper
 107 100
 144 26.4 21.3 31.9
 142 83.1 66.6 100.0





#37
2-Methylnaphthalene
Concen: 44.898 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

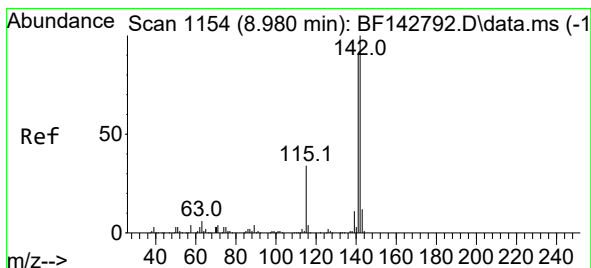
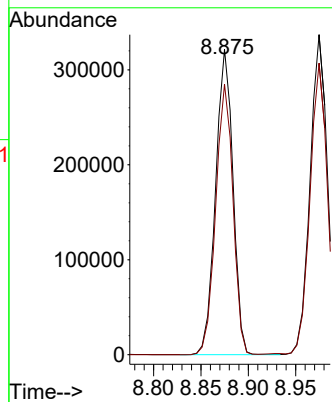
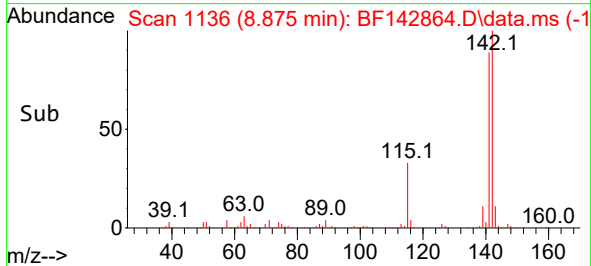
Instrument :
BNA_F
ClientSampleId :
MH-M/HMS



Tgt Ion:142 Resp: 409800
Ion Ratio Lower Upper
142 100
141 88.6 70.9 106.3

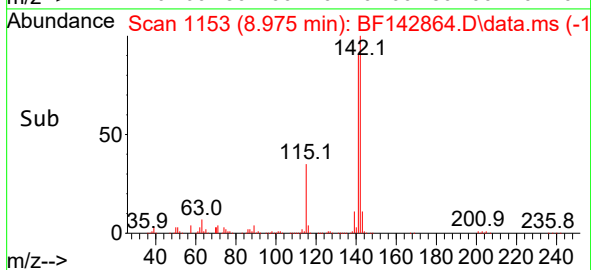
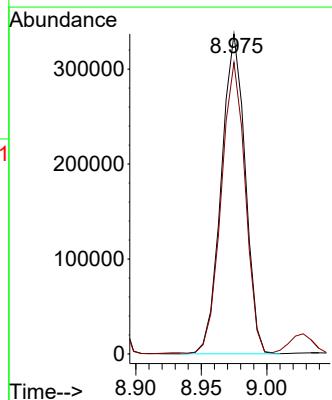
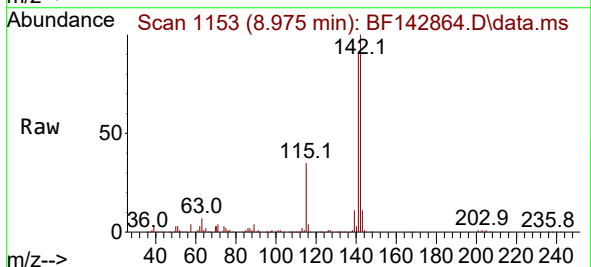
Manual Integrations
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Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#38
1-Methylnaphthalene
Concen: 45.142 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

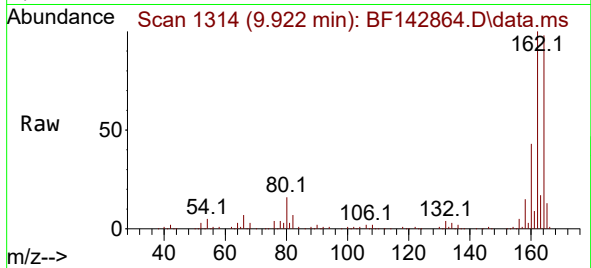
Tgt Ion:142 Resp: 426540
Ion Ratio Lower Upper
142 100
141 91.1 73.0 109.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

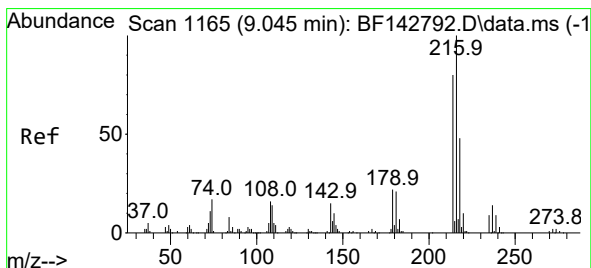
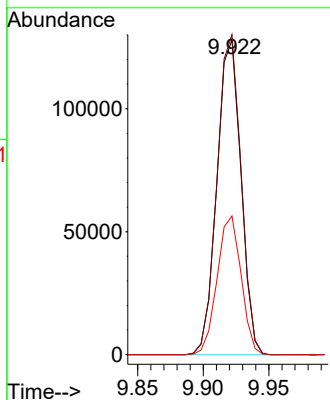
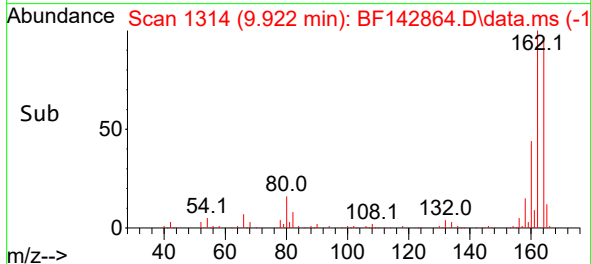
Instrument :
BNA_F
ClientSampleId :
MH-M/HMS



Tgt Ion:164 Resp: 16272
Ion Ratio Lower Upper
164 100
162 101.7 81.8 122.8
160 44.1 36.0 54.0

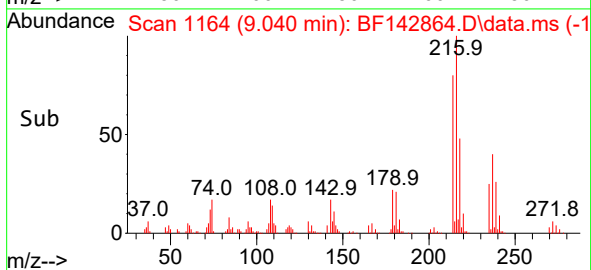
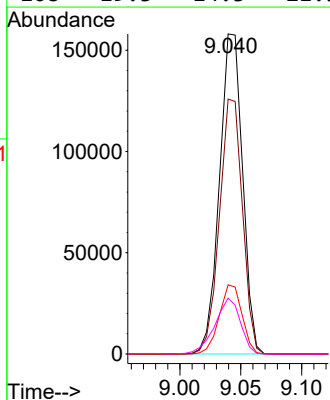
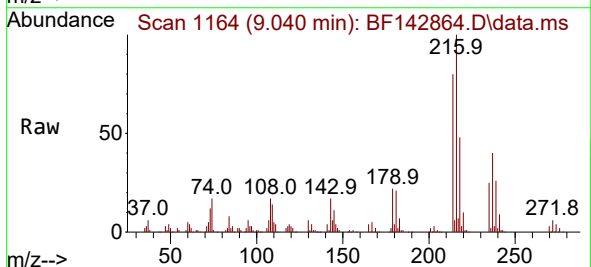
Manual Integrations
APPROVED

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



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.540 ng
RT: 9.040 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

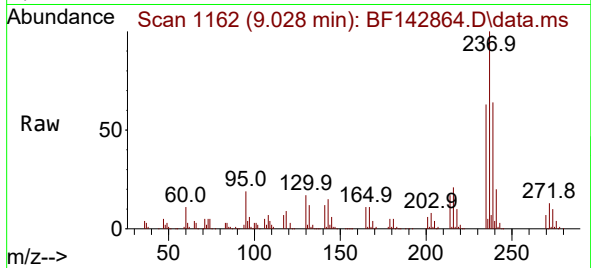
Tgt Ion:216 Resp: 209049
Ion Ratio Lower Upper
216 100
214 79.3 63.7 95.5
179 21.3 17.6 26.4
108 19.3 14.3 21.5





#41
Hexachlorocyclopentadiene
Concen: 84.756 ng
RT: 9.028 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

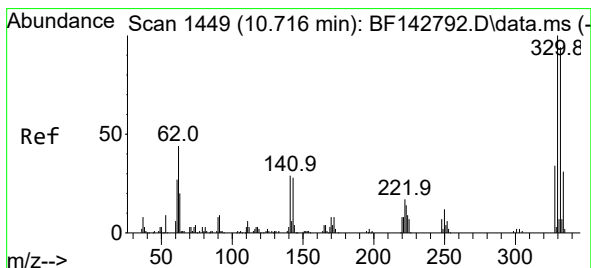
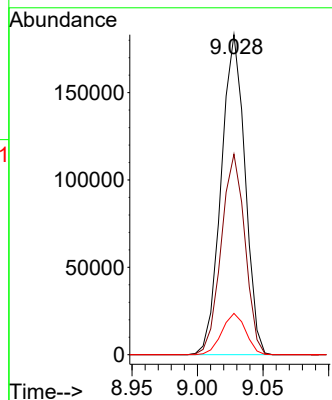
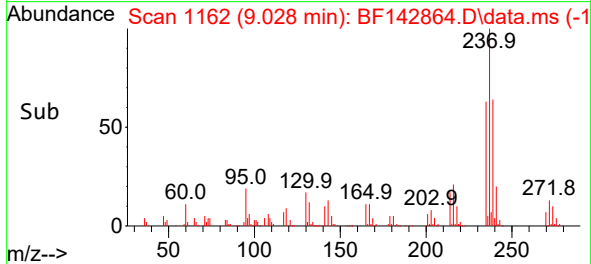
Instrument :
BNA_F
ClientSampleId :
MH-M/HMS



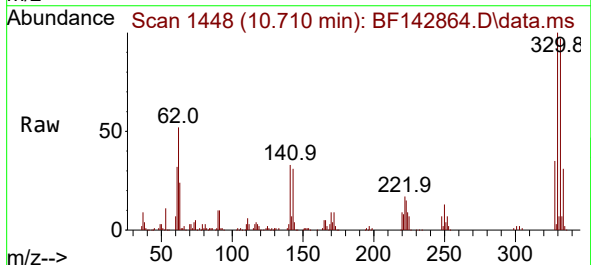
Tgt Ion:237 Resp: 230934
Ion Ratio Lower Upper
237 100
235 62.7 43.4 83.4
272 12.9 0.0 32.7

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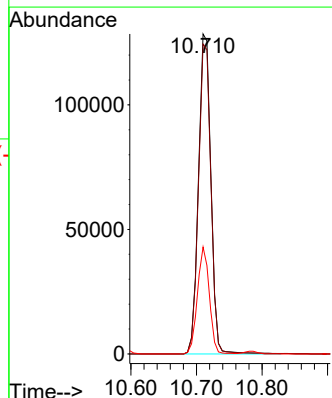
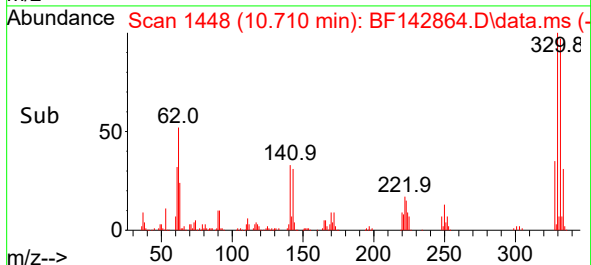
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

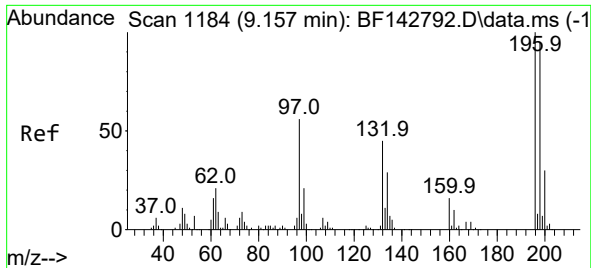


#42
2,4,6-Tribromophenol
Concen: 101.543 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08



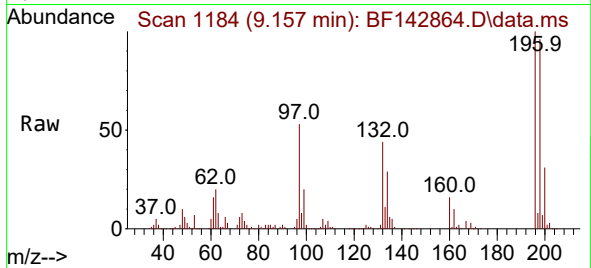
Tgt Ion:330 Resp: 170034
Ion Ratio Lower Upper
330 100
332 97.1 75.0 112.6
141 32.0 25.3 37.9





#43
2,4,6-Trichlorophenol
Concen: 44.715 ng
RT: 9.157 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

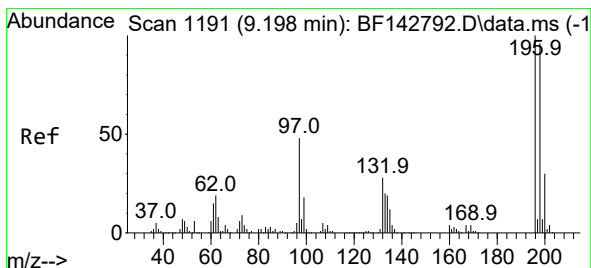
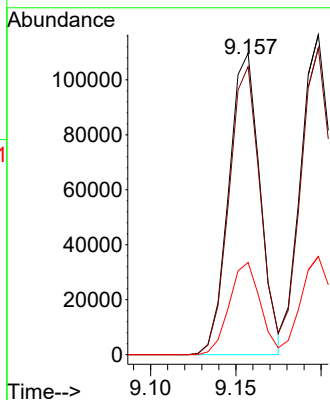
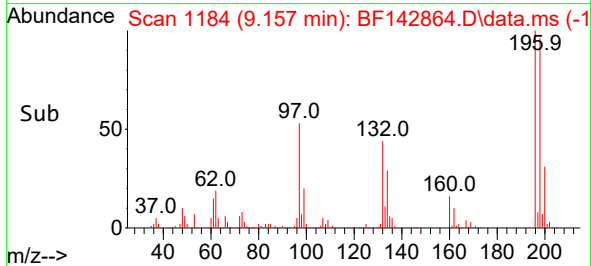
Instrument :
BNA_F
ClientSampleId :
MH-M/HMS



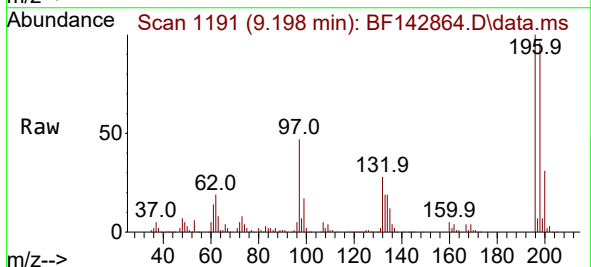
Tgt Ion:196 Resp: 139898
Ion Ratio Lower Upper
196 100
198 95.6 76.2 114.2
200 30.6 24.1 36.1

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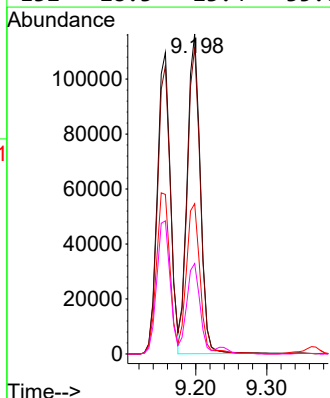
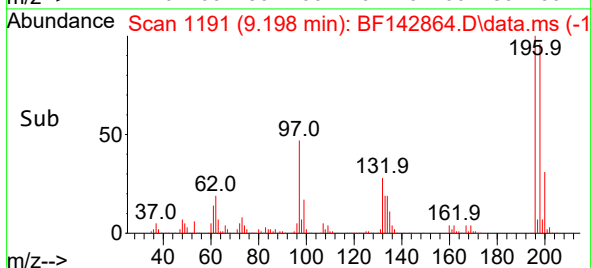
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

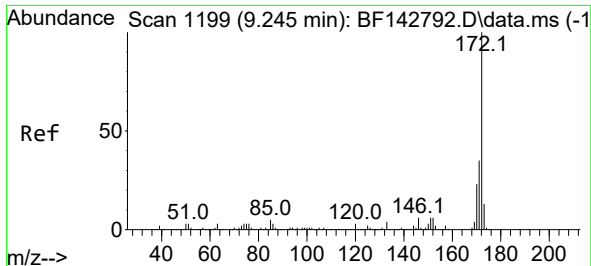


#44
2,4,5-Trichlorophenol
Concen: 45.279 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08



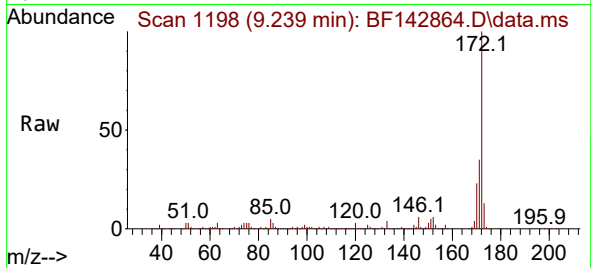
Tgt Ion:196 Resp: 149126
Ion Ratio Lower Upper
196 100
198 95.9 76.6 115.0
97 47.0 38.2 57.2
132 28.3 23.4 35.0





#45
2-Fluorobiphenyl
Concen: 54.764 ng
RT: 9.239 min Scan# 1199
Delta R.T. -0.005 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

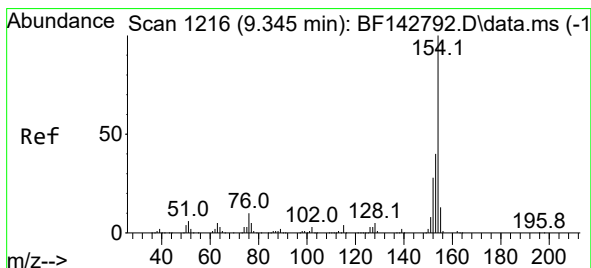
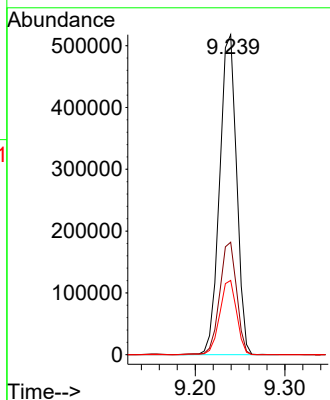
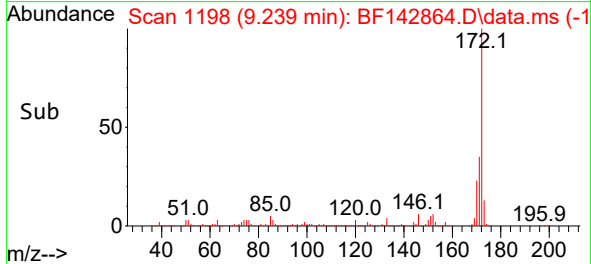
Instrument :
BNA_F
ClientSampleId :
MH-M/HMS



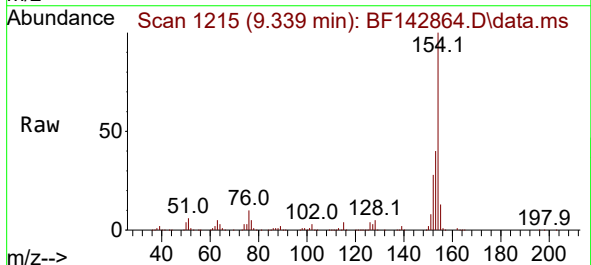
Tgt Ion:172 Resp: 678348
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.2 18.5 27.7

Manual Integrations
APPROVED

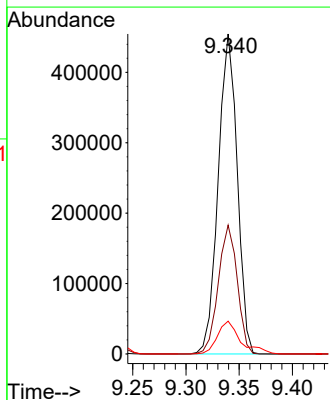
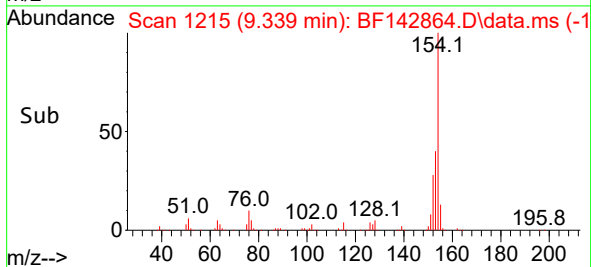
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

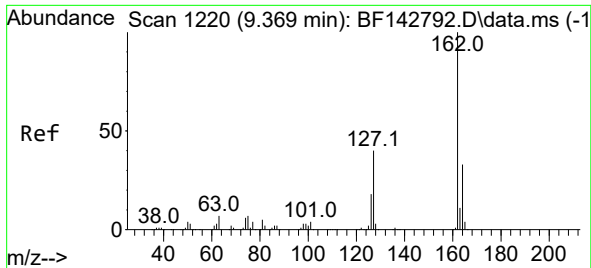


#46
1,1'-Biphenyl
Concen: 43.743 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08



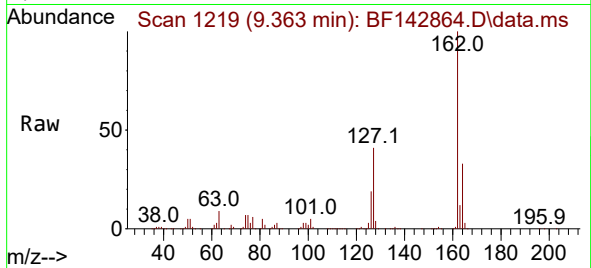
Tgt Ion:154 Resp: 562272
Ion Ratio Lower Upper
154 100
153 40.2 20.3 60.3
76 10.3 0.0 30.3





#47
2-Chloronaphthalene
Concen: 43.477 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

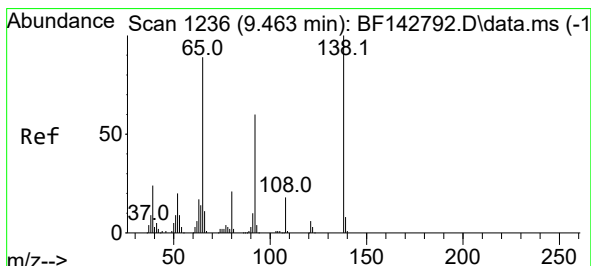
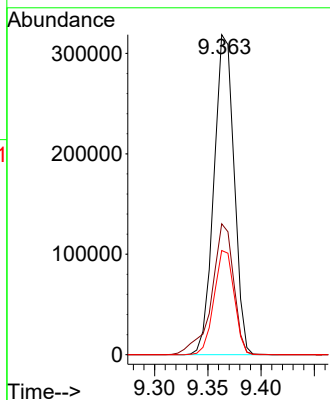
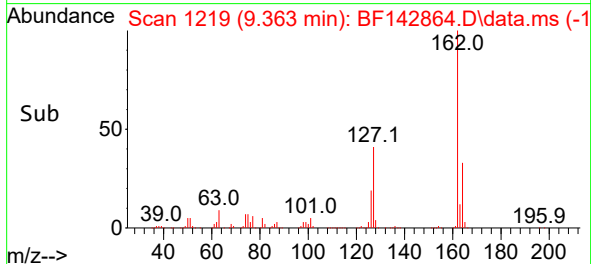
Instrument :
BNA_F
ClientSampleId :
MH-M/HMS



Tgt Ion:162 Resp: 419378
Ion Ratio Lower Upper
162 100
127 40.9 32.2 48.2
164 32.5 26.1 39.1

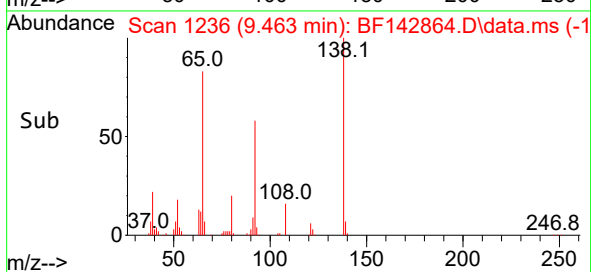
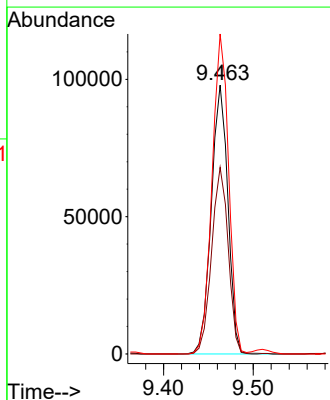
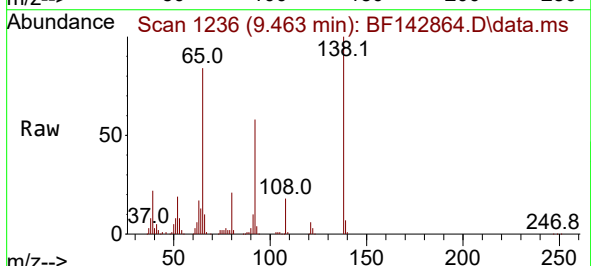
Manual Integrations
APPROVED

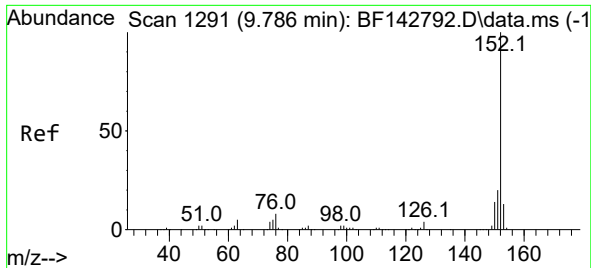
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#48
2-Nitroaniline
Concen: 46.661 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

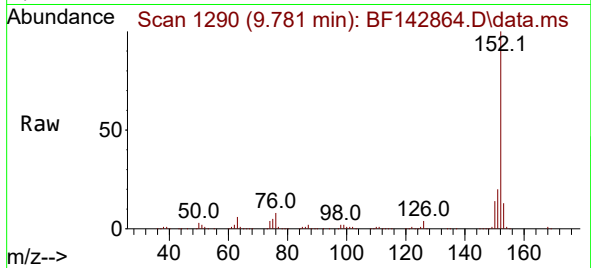
Tgt Ion: 65 Resp: 126186
Ion Ratio Lower Upper
65 100
92 69.4 53.8 80.6
138 119.1 89.6 134.4





#49
Acenaphthylene
Concen: 44.327 ng
RT: 9.781 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

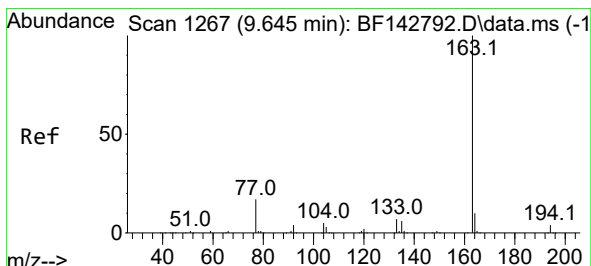
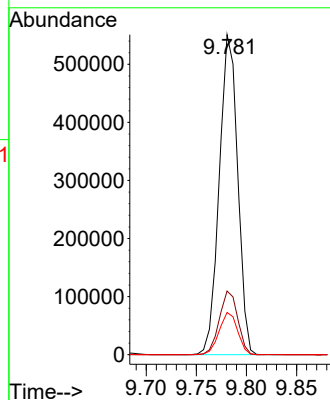
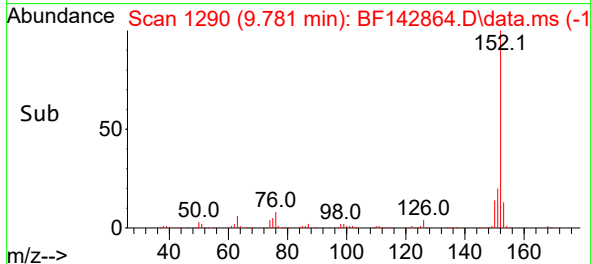
Instrument :
BNA_F
ClientSampleId :
MH-M/HMS



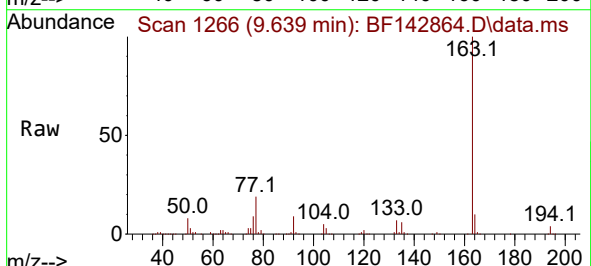
Tgt Ion:152 Resp: 70388
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 13.2 10.4 15.6

Manual Integrations
APPROVED

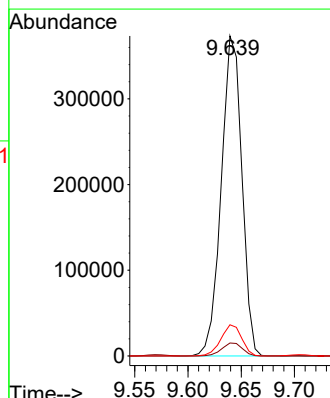
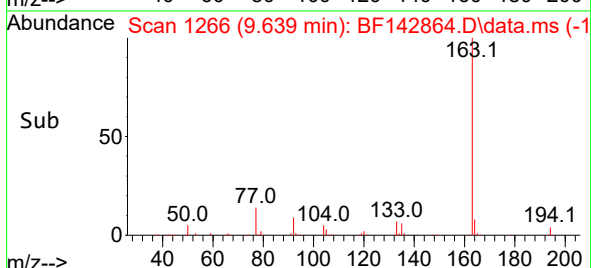
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

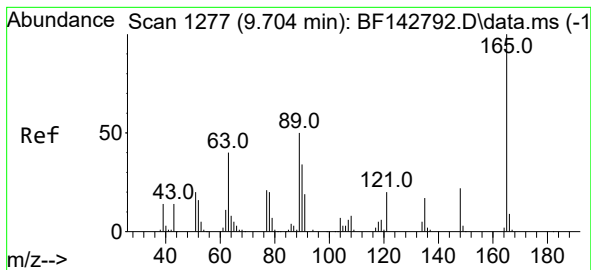


#50
Dimethylphthalate
Concen: 47.637 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08



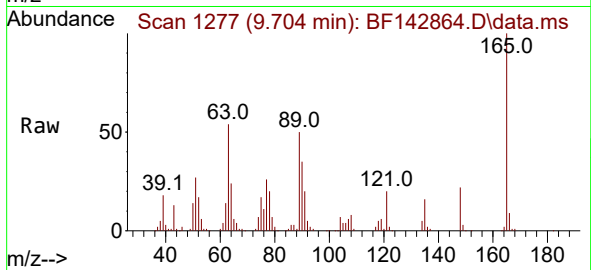
Tgt Ion:163 Resp: 501762
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.7 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 47.736 ng
RT: 9.704 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

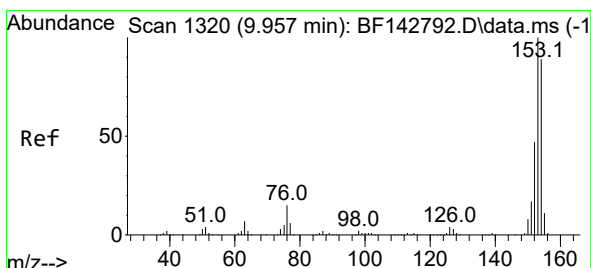
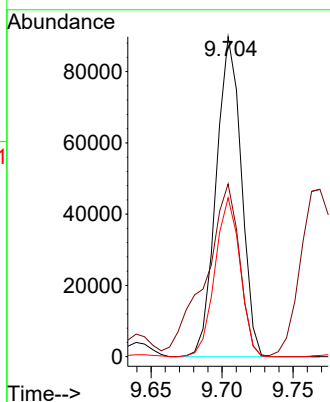
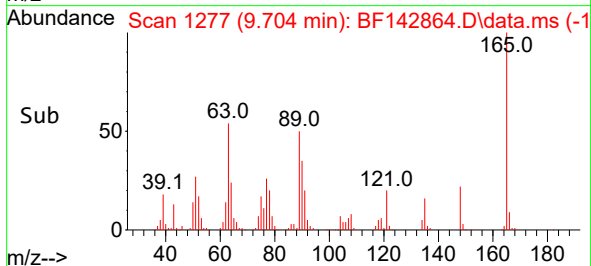
Instrument :
BNA_F
ClientSampleId :
MH-M/HMS



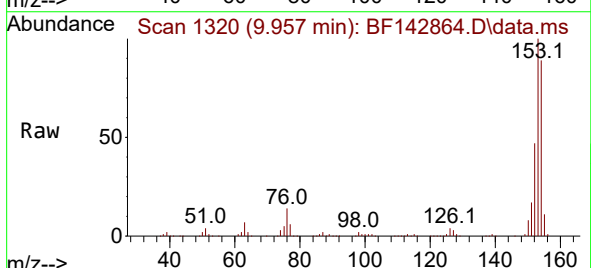
Tgt Ion:165 Resp: 110420
Ion Ratio Lower Upper
165 100
63 54.0 44.2 66.4
89 49.7 39.8 59.8

Manual Integrations
APPROVED

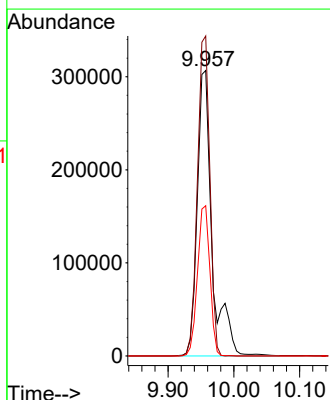
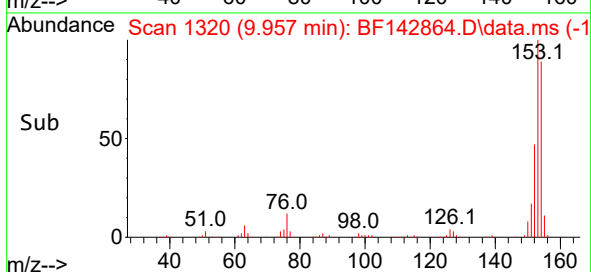
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

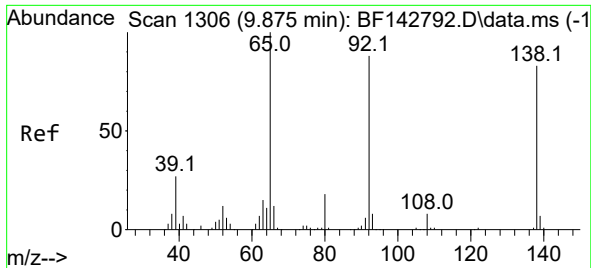


#52
Acenaphthene
Concen: 49.594 ng m
RT: 9.957 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08



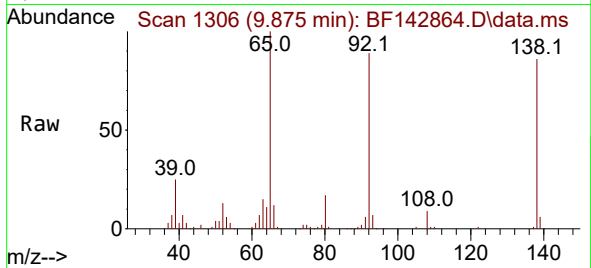
Tgt Ion:154 Resp: 480493
Ion Ratio Lower Upper
154 100
153 112.1 90.0 135.0
152 52.6 41.9 62.9





#53
3-Nitroaniline
Concen: 26.866 ng
RT: 9.875 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

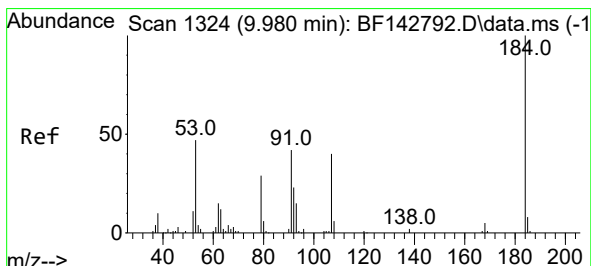
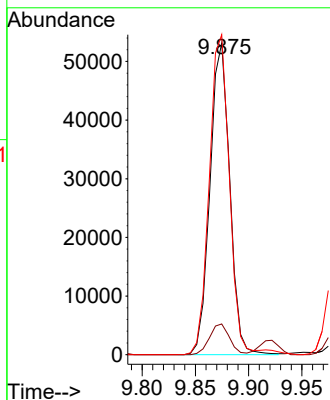
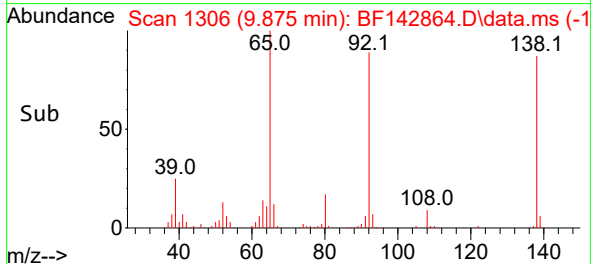
Instrument :
BNA_F
ClientSampleId :
MH-M/HMS



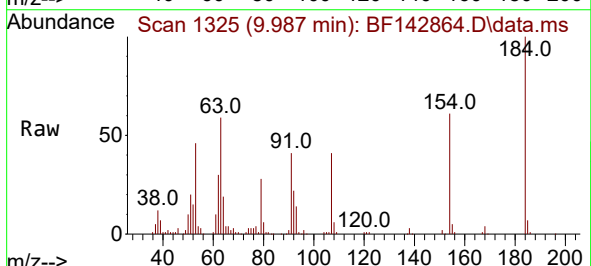
Tgt Ion:138 Resp: 6842
Ion Ratio Lower Upper
138 100
108 9.9 8.1 12.1
92 102.7 85.1 127.7

Manual Integrations
APPROVED

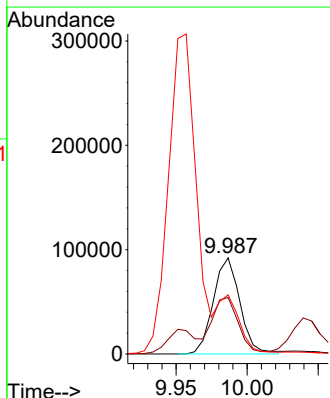
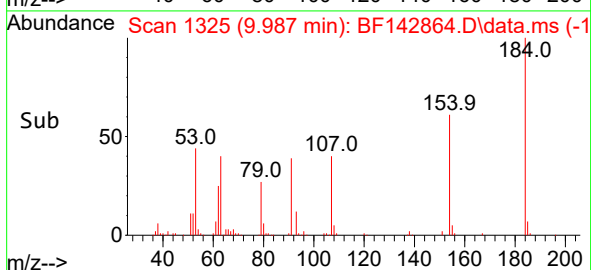
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

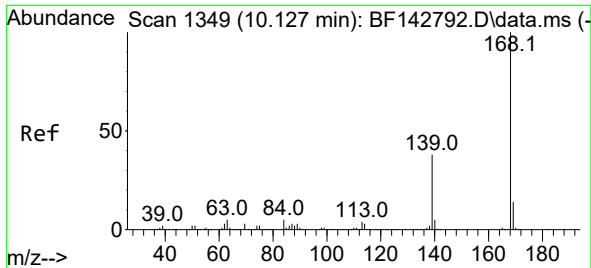


#54
2,4-Dinitrophenol
Concen: 103.626 ng
RT: 9.987 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08



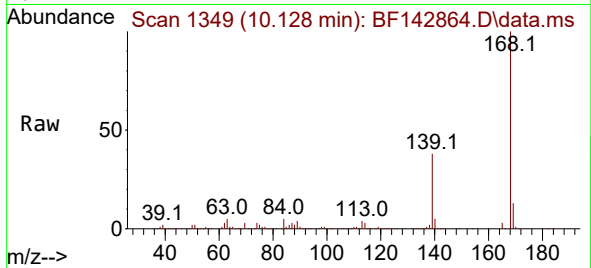
Tgt Ion:184 Resp: 120023
Ion Ratio Lower Upper
184 100
63 58.9 50.6 75.8
154 61.5 51.8 77.8





#55
Dibenzenofuran
Concen: 44.604 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

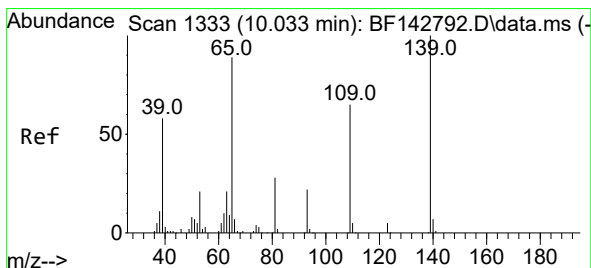
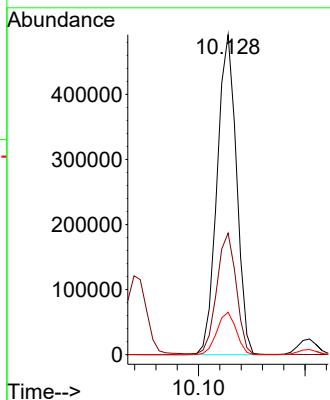
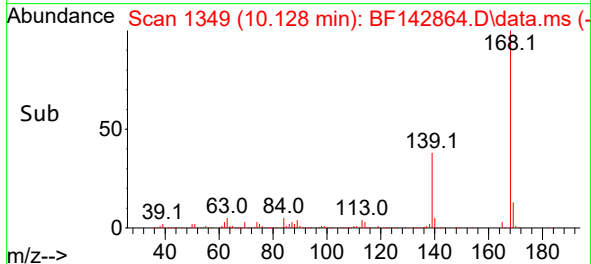
Instrument :
BNA_F
ClientSampleId :
MH-M/HMS



Tgt Ion:168 Resp: 61968
Ion Ratio Lower Upper
168 100
139 38.0 30.2 45.4
169 13.3 10.8 16.2

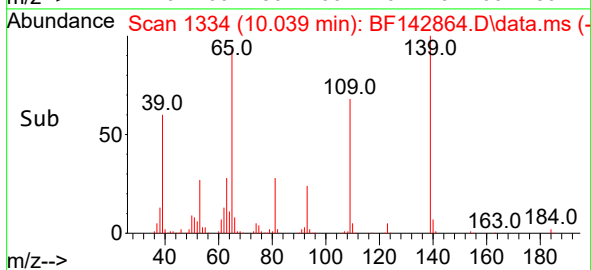
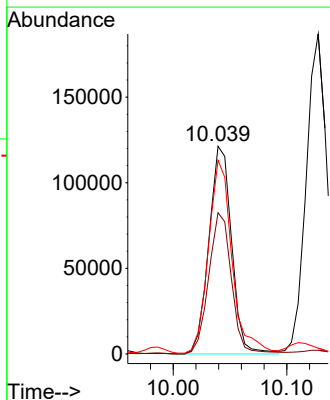
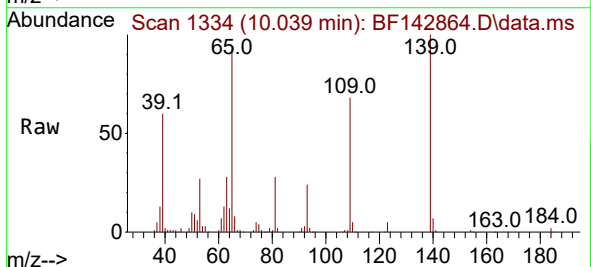
Manual Integrations
APPROVED

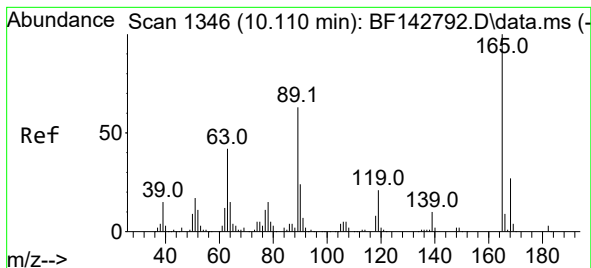
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#56
4-Nitrophenol
Concen: 96.674 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

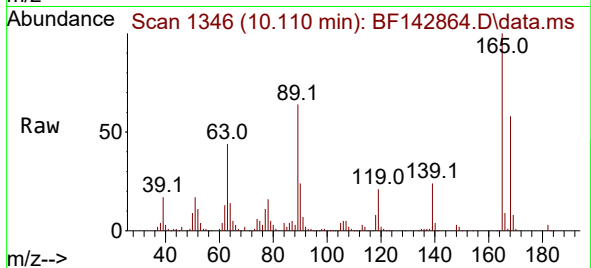
Tgt Ion:139 Resp: 168555
Ion Ratio Lower Upper
139 100
109 68.0 44.7 84.7
65 93.2 69.8 109.8





#57
2,4-Dinitrotoluene
Concen: 50.291 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

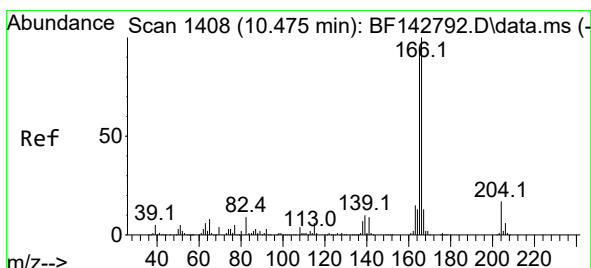
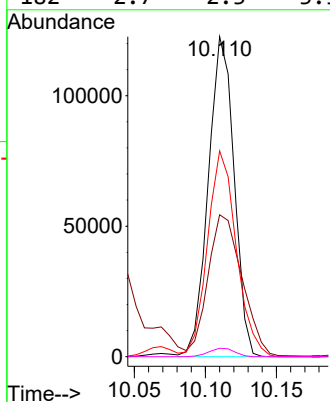
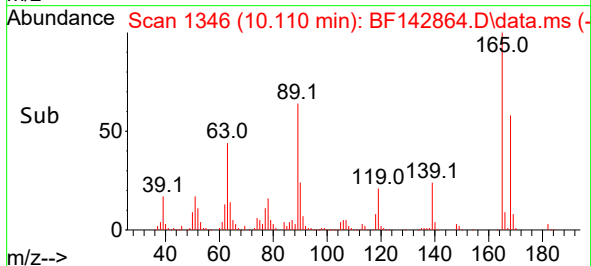
Instrument :
BNA_F
ClientSampleId :
MH-M/HMS



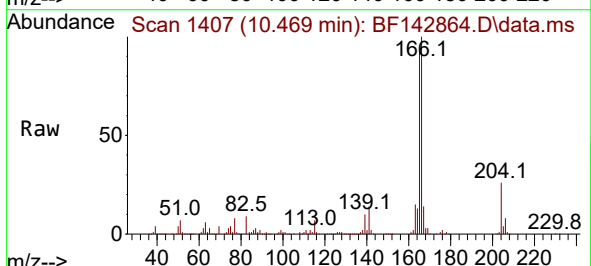
Tgt Ion:165 Resp: 154520
Ion Ratio Lower Upper
165 100
63 44.3 33.9 50.9
89 64.3 50.6 75.8
182 2.7 2.3 3.5

Manual Integrations
APPROVED

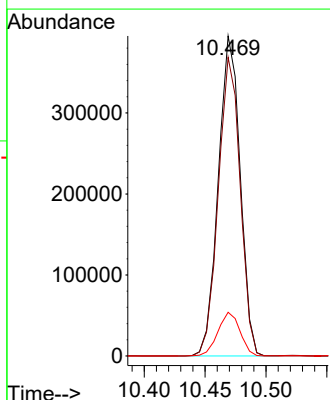
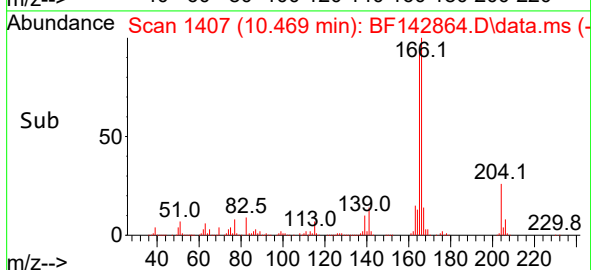
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

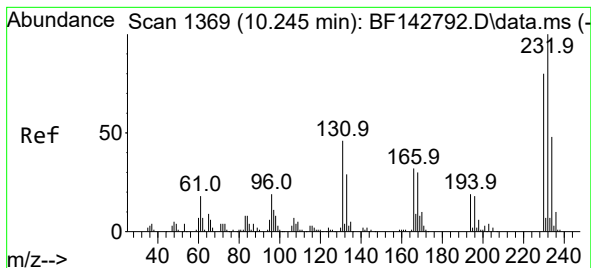


#58
Fluorene
Concen: 45.543 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08



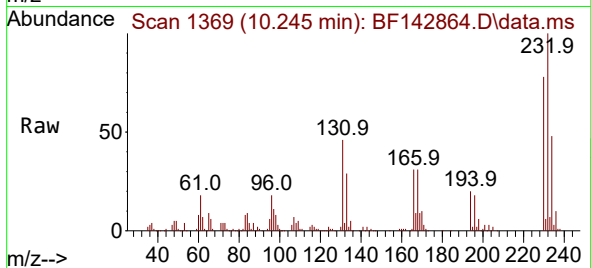
Tgt Ion:166 Resp: 494146
Ion Ratio Lower Upper
166 100
165 93.3 75.2 112.8
167 13.6 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.611 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

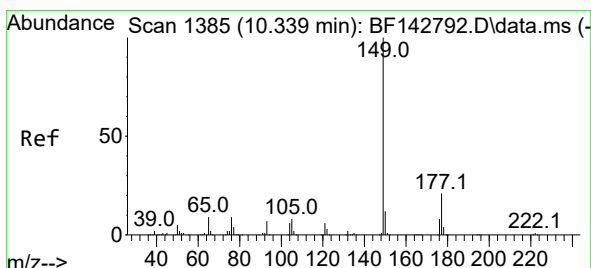
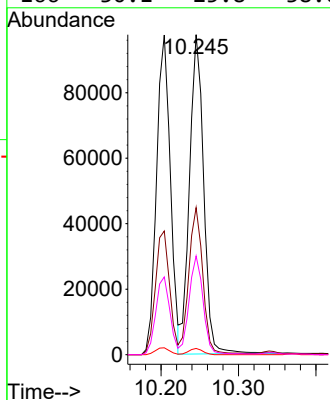
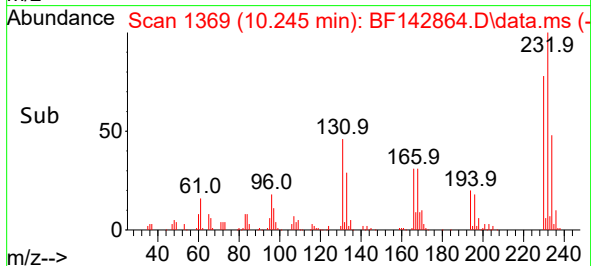
Instrument :
BNA_F
ClientSampleId :
MH-M/HMS



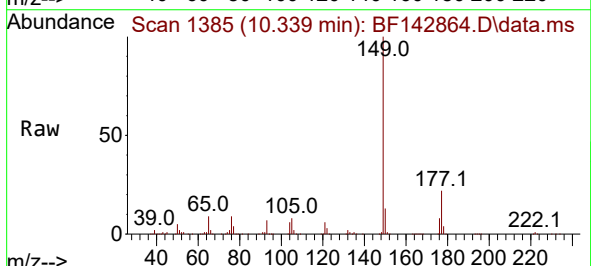
Tgt Ion:232 Resp: 12374
Ion Ratio Lower Upper
232 100
131 46.1 37.6 56.4
130 1.9 1.7 2.5
166 30.1 25.8 38.6

Manual Integrations
APPROVED

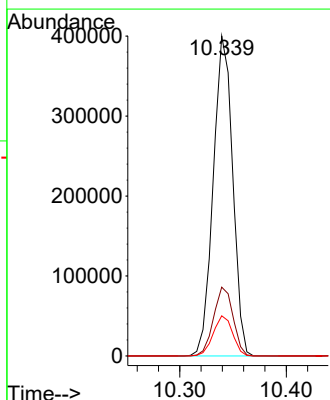
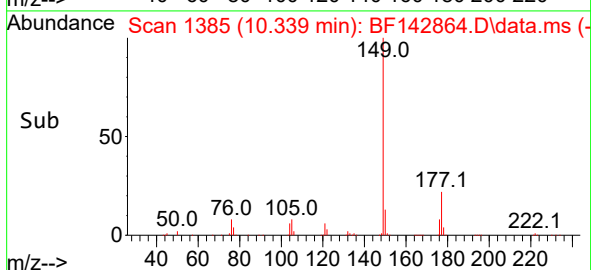
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

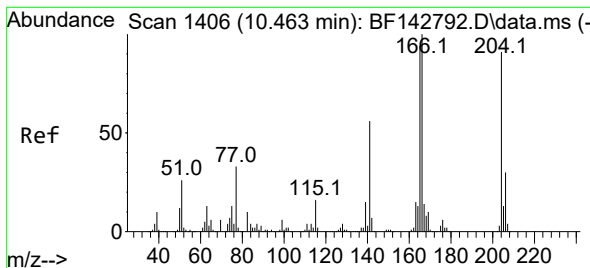


#60
Diethylphthalate
Concen: 49.068 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08



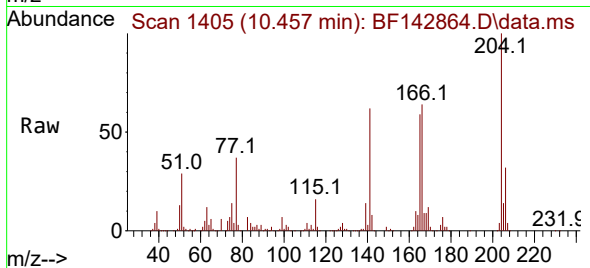
Tgt Ion:149 Resp: 506743
Ion Ratio Lower Upper
149 100
177 21.5 17.0 25.6
150 12.5 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 45.662 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

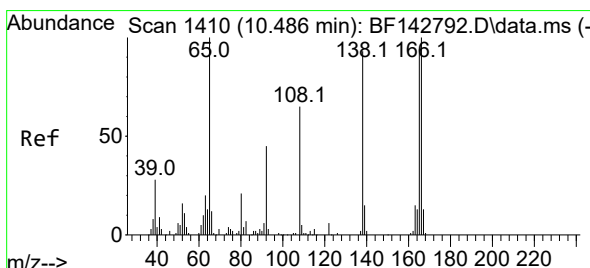
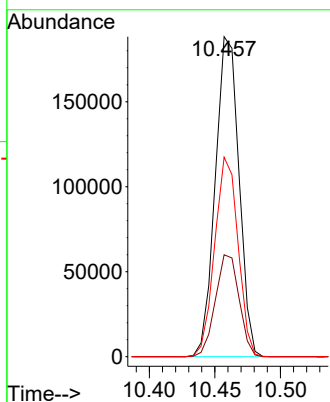
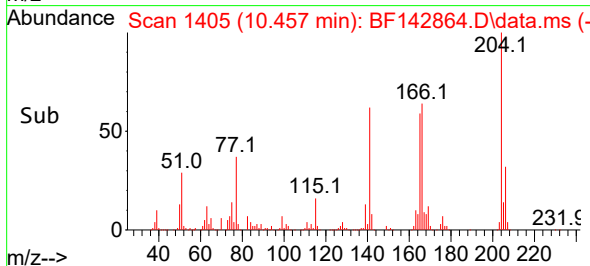
Instrument :
BNA_F
ClientSampleId :
MH-M/HMS



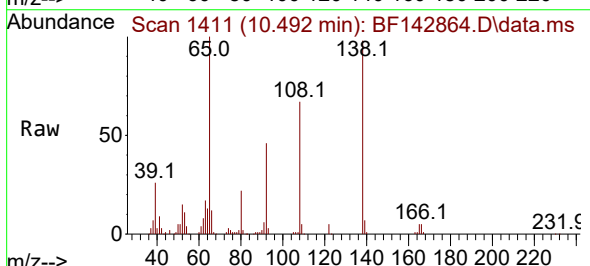
Tgt Ion:204 Resp: 236415
Ion Ratio Lower Upper
204 100
206 31.9 26.3 39.5
141 62.4 49.1 73.7

Manual Integrations
APPROVED

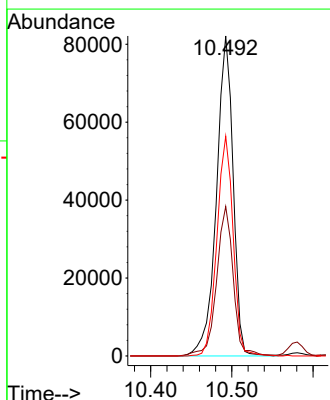
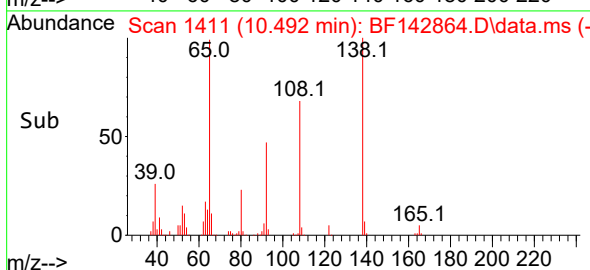
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

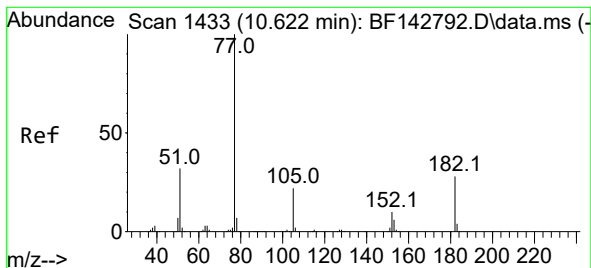


#62
4-Nitroaniline
Concen: 50.598 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08



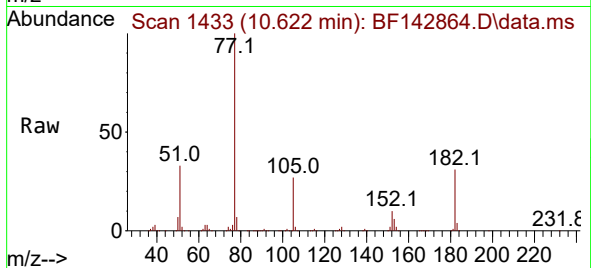
Tgt Ion:138 Resp: 117853
Ion Ratio Lower Upper
138 100
92 46.7 28.4 68.4
108 68.6 50.2 90.2





#63
Azobenzene
Concen: 52.137 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

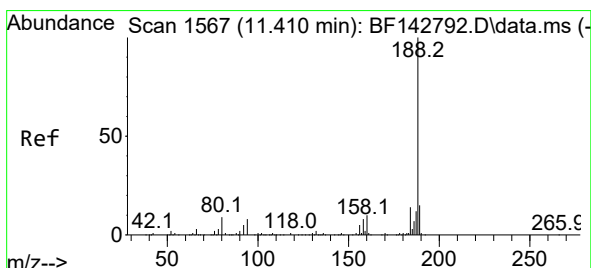
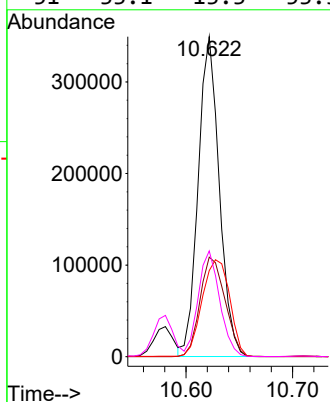
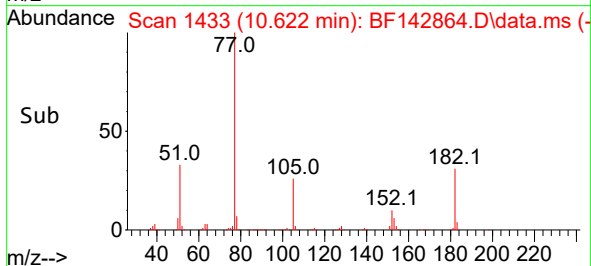
Instrument :
BNA_F
ClientSampleId :
MH-M/HMS



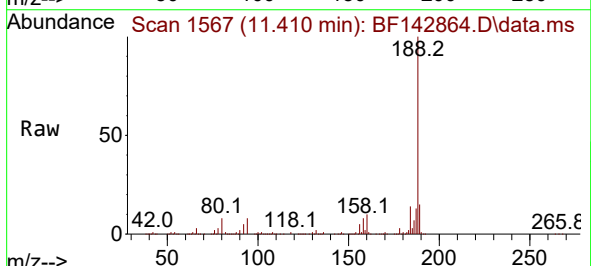
Tgt Ion: 77 Resp: 48124
Ion Ratio Lower Upper
77 100
182 31.1 7.7 47.7
105 26.9 1.9 41.9
51 33.1 13.3 53.3

Manual Integrations
APPROVED

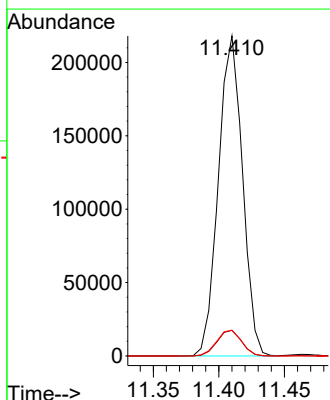
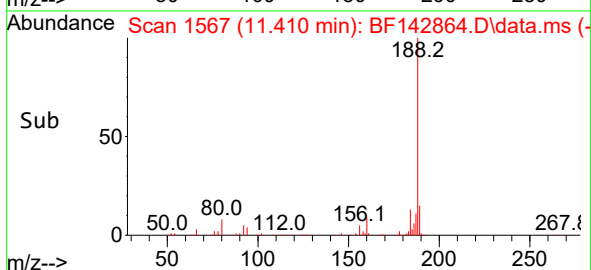
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

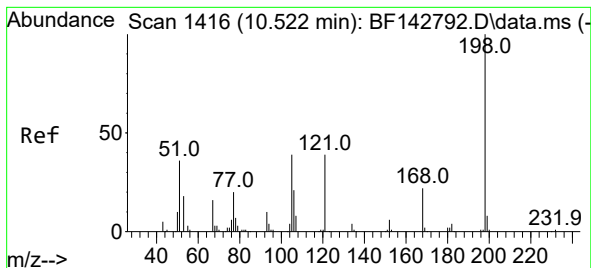


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08



Tgt Ion:188 Resp: 278939
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 8.1 6.9 10.3





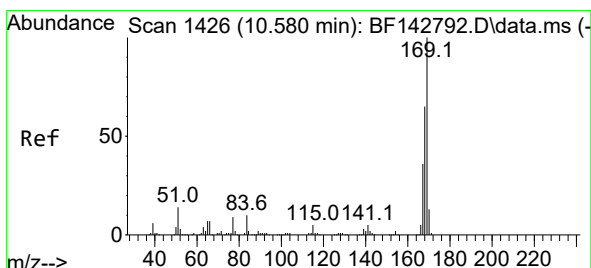
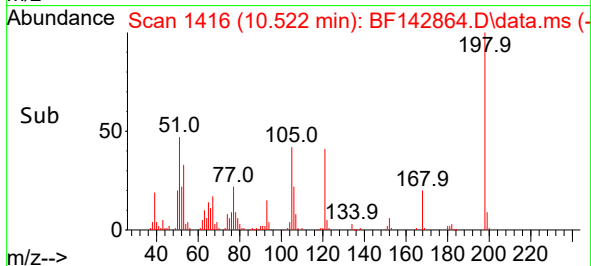
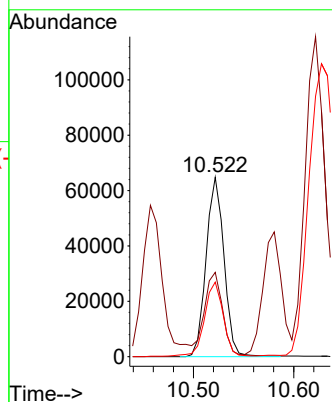
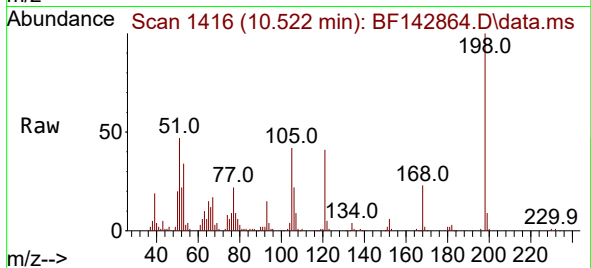
#65
4,6-Dinitro-2-methylphenol
Concen: 47.689 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

Instrument :
BNA_F
ClientSampleId :
MH-M/HMS

Tgt Ion:198 Resp: 8046
Ion Ratio Lower Upper
198 100
51 47.0 25.4 65.4
105 41.6 20.4 60.4

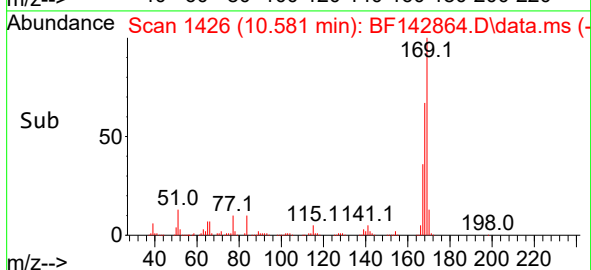
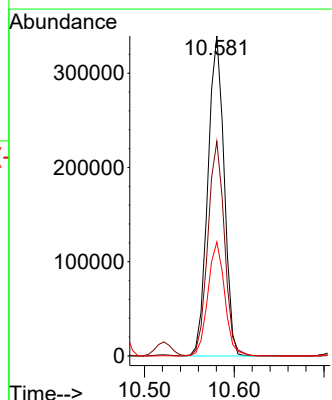
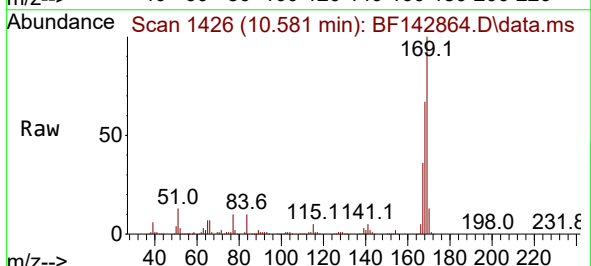
Manual Integrations
APPROVED

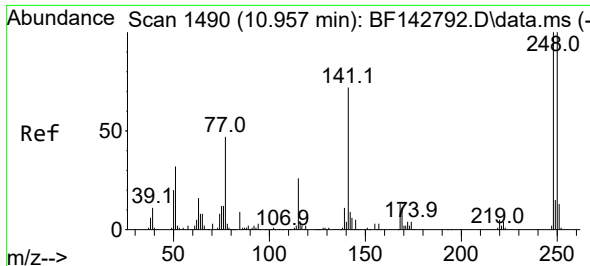
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#66
n-Nitrosodiphenylamine
Concen: 44.142 ng
RT: 10.581 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

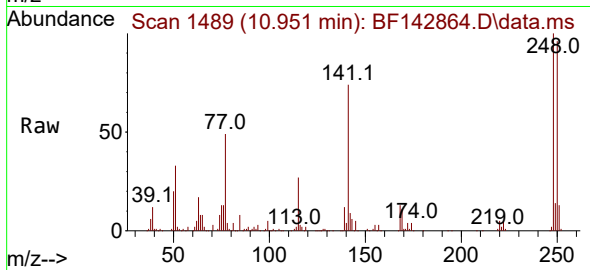
Tgt Ion:169 Resp: 426737
Ion Ratio Lower Upper
169 100
168 67.0 51.9 77.9
167 35.6 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 46.307 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

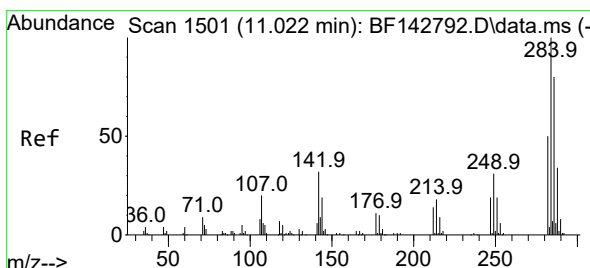
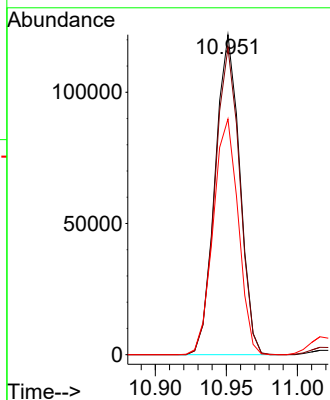
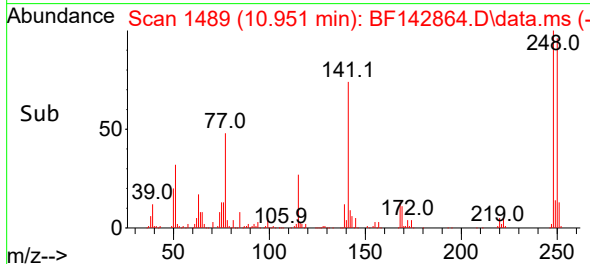
Instrument :
BNA_F
ClientSampleId :
MH-M/HMS



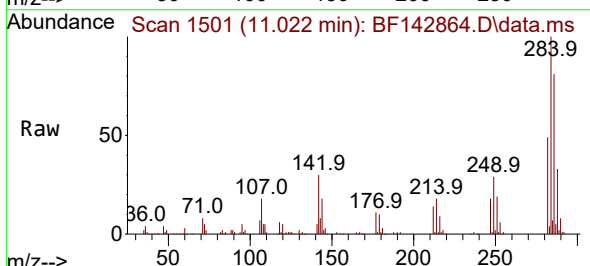
Tgt Ion:248 Resp: 147000
Ion Ratio Lower Upper
248 100
250 96.0 79.8 119.8
141 73.6 57.8 86.6

Manual Integrations
APPROVED

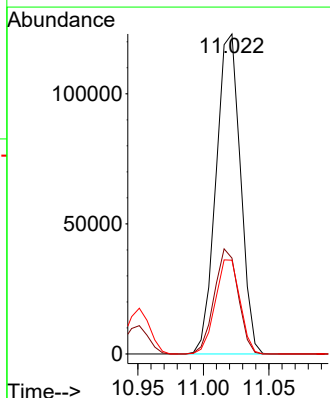
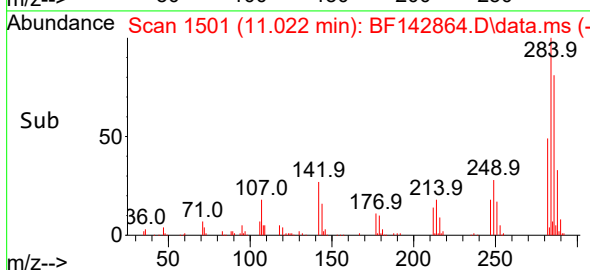
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#68
Hexachlorobenzene
Concen: 45.093 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08



Tgt Ion:284 Resp: 159064
Ion Ratio Lower Upper
284 100
142 30.0 25.5 38.3
249 29.3 24.9 37.3





#69

Atrazine

Concen: 54.720 ng

RT: 11.110 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF142864.D

Acq: 26 Jun 2025 13:08

Instrument :

BNA_F

ClientSampleId :

MH-M/HMS

Tgt Ion:200 Resp: 13660

Ion Ratio Lower Upper

200 100

173 27.5 7.4 47.4

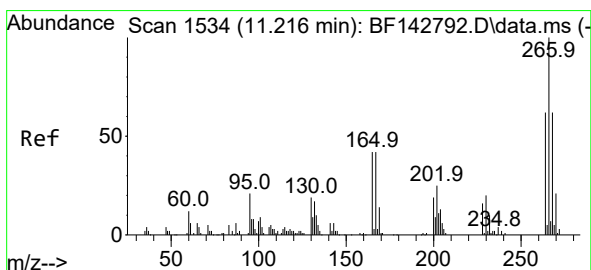
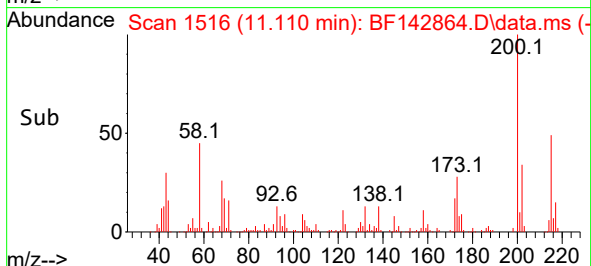
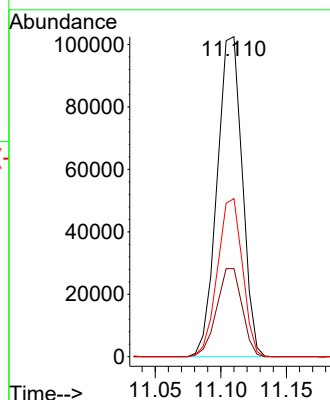
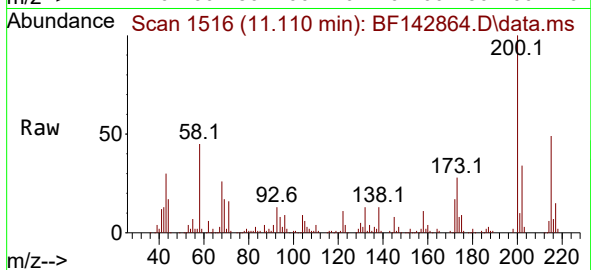
215 49.4 28.4 68.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#70

Pentachlorophenol

Concen: 90.122 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF142864.D

Acq: 26 Jun 2025 13:08

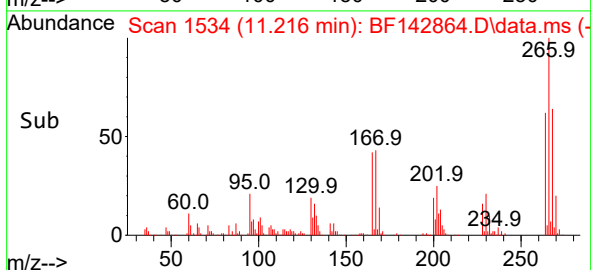
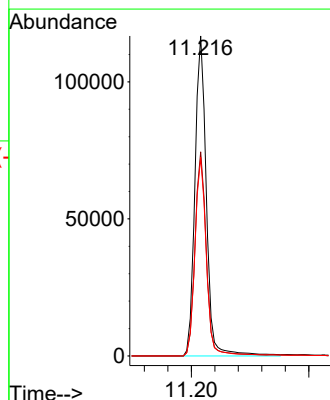
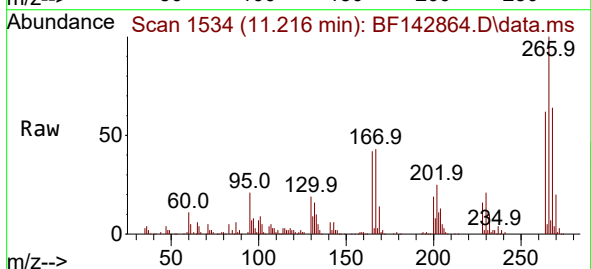
Tgt Ion:266 Resp: 158413

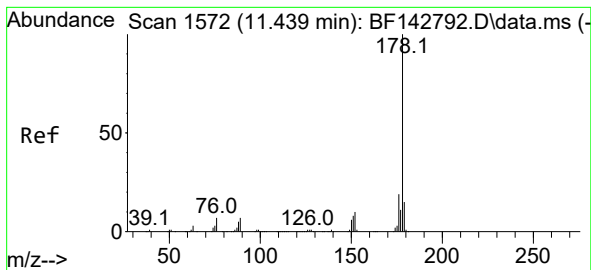
Ion Ratio Lower Upper

266 100

268 63.8 49.8 74.8

264 62.0 49.9 74.9





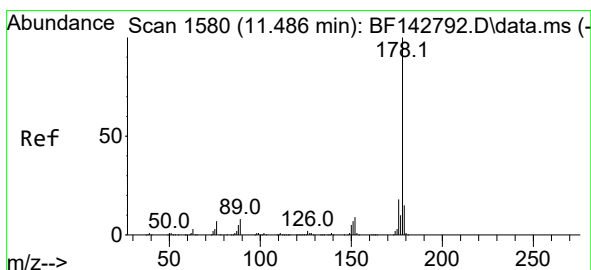
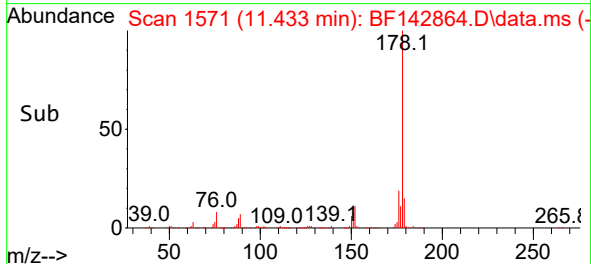
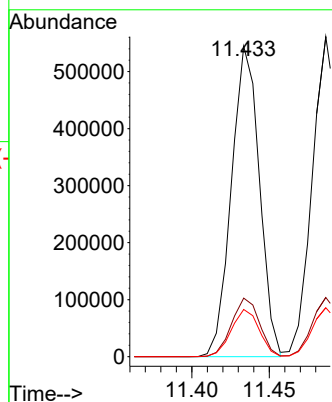
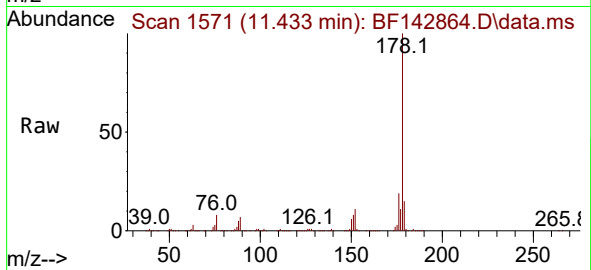
#71
Phenanthrene
Concen: 45.265 ng
RT: 11.433 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

Instrument :
BNA_F
ClientSampleId :
MH-M/HMS

Tgt Ion:178 Resp: 68395
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.2 12.0 18.0

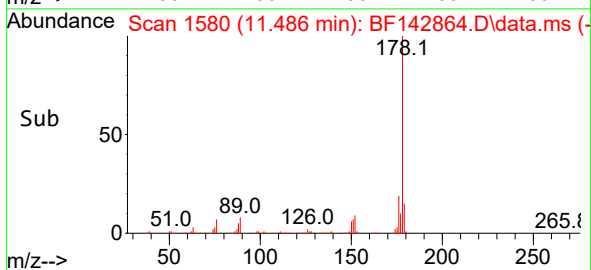
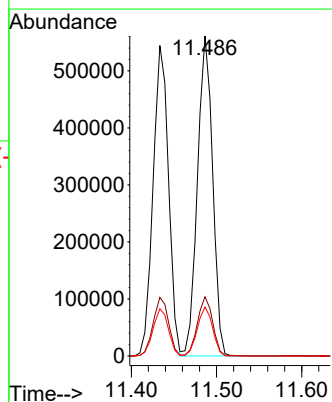
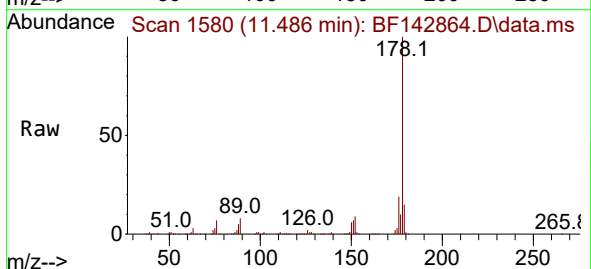
Manual Integrations
APPROVED

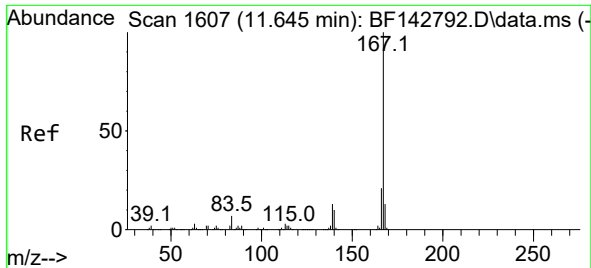
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#72
Anthracene
Concen: 44.769 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

Tgt Ion:178 Resp: 693781
Ion Ratio Lower Upper
178 100
176 18.5 14.6 21.8
179 15.3 12.4 18.6





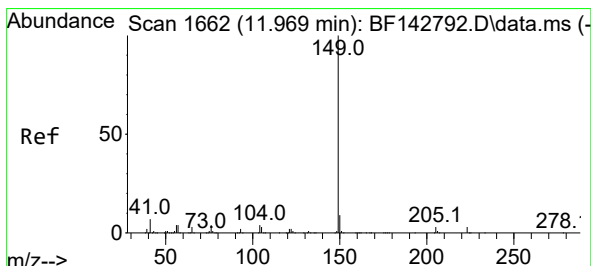
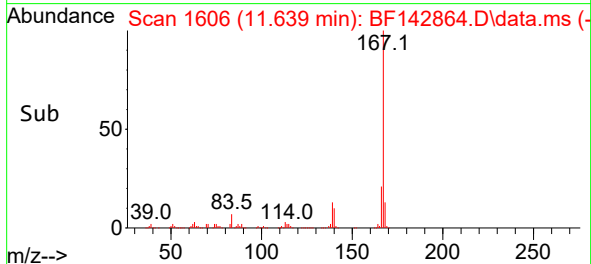
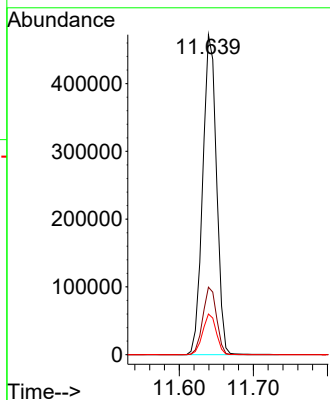
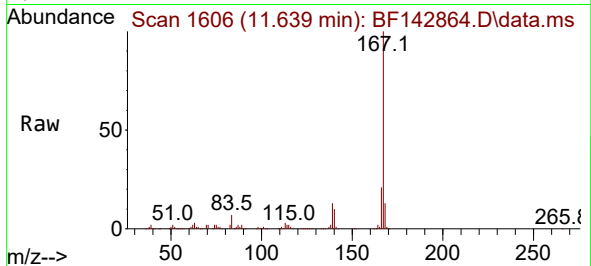
#73
Carbazole
Concen: 45.820 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

Instrument :
BNA_F
ClientSampleId :
MH-M/HMS

Tgt Ion:167 Resp: 612754
Ion Ratio Lower Upper
167 100
166 21.1 17.0 25.4
139 12.7 10.2 15.2

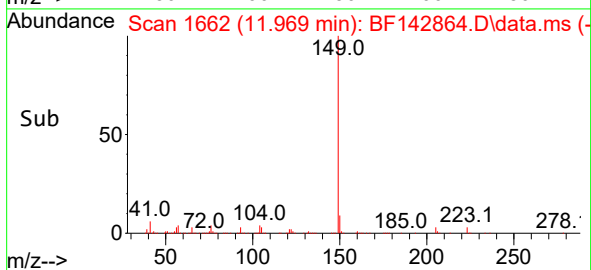
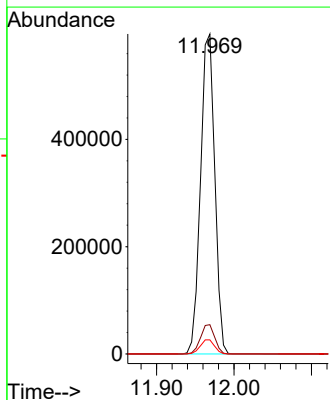
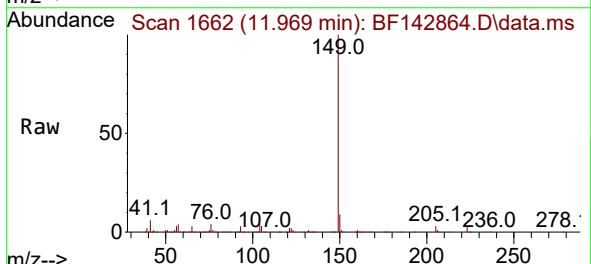
Manual Integrations
APPROVED

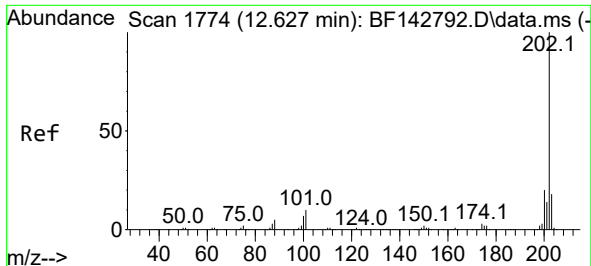
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#74
Di-n-butylphthalate
Concen: 54.548 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

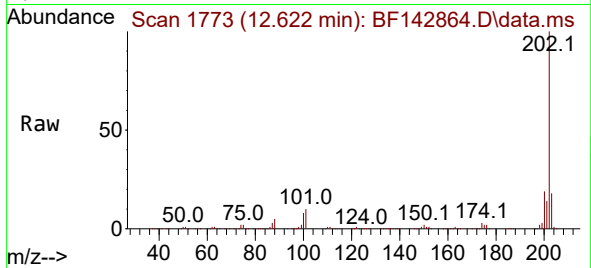
Tgt Ion:149 Resp: 759930
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 4.4 3.5 5.3





#75
Fluoranthene
Concen: 43.912 ng
RT: 12.622 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

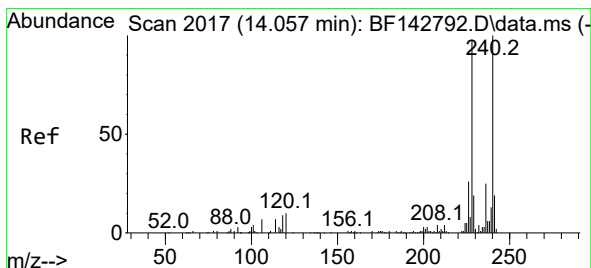
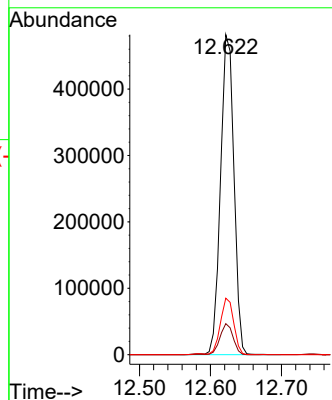
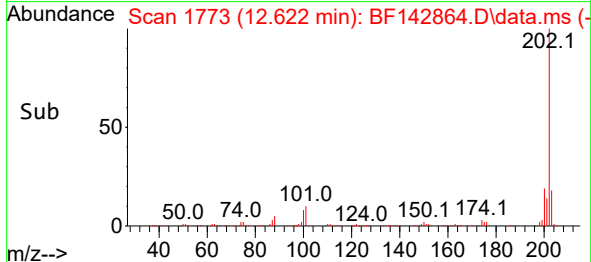
Instrument :
BNA_F
ClientSampleId :
MH-M/HMS



Tgt Ion:202 Resp: 62970
Ion Ratio Lower Upper
202 100
101 9.7 0.0 29.7
203 17.7 0.0 37.5

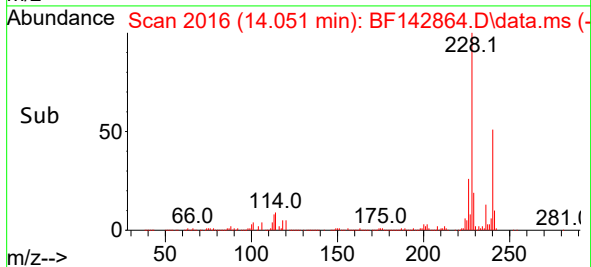
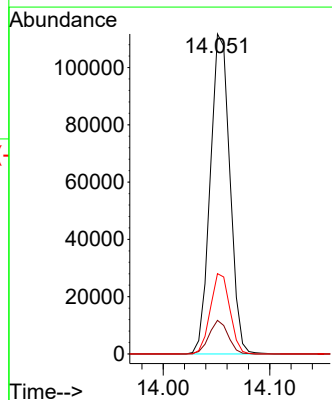
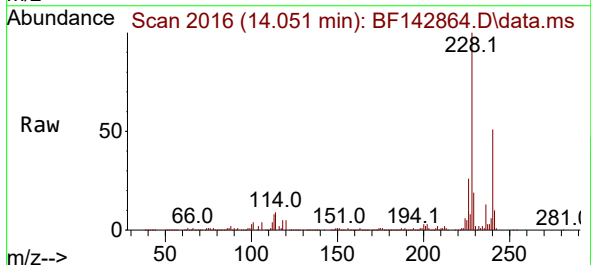
Manual Integrations
APPROVED

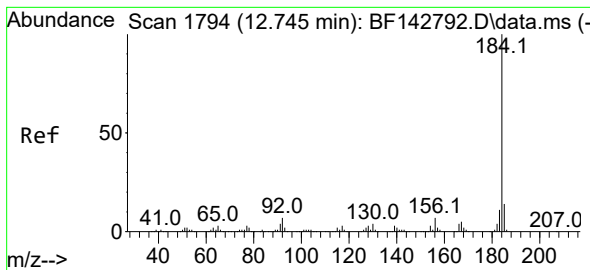
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

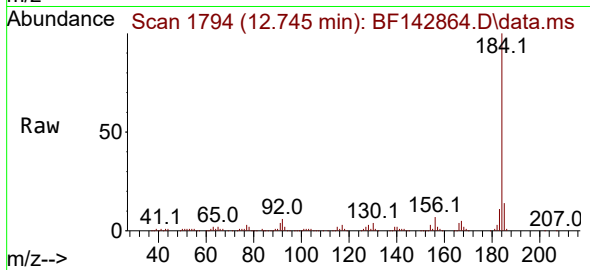
Tgt Ion:240 Resp: 142792
Ion Ratio Lower Upper
240 100
120 10.5 8.2 12.2
236 25.1 19.8 29.8





#77
Benzidine
Concen: 41.783 ng
RT: 12.745 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

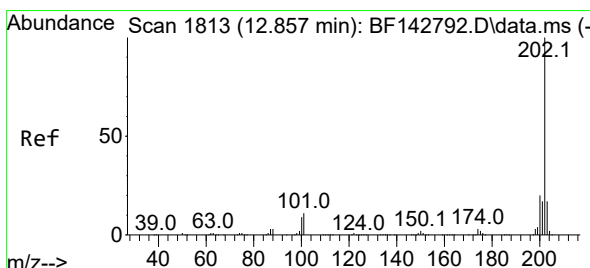
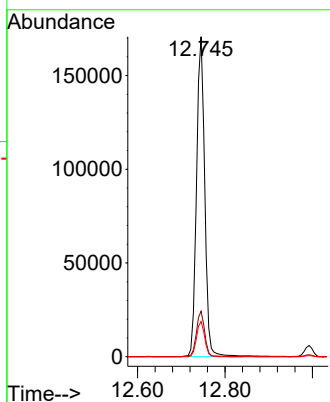
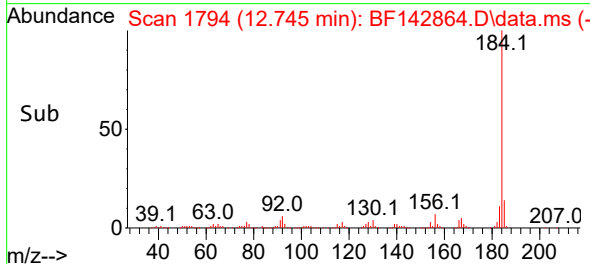
Instrument :
BNA_F
ClientSampleId :
MH-M/HMS



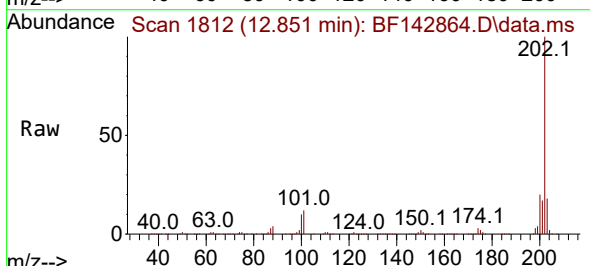
Tgt Ion:184 Resp: 22416
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 11.0 9.0 13.4

Manual Integrations
APPROVED

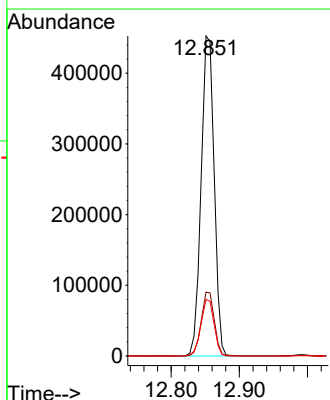
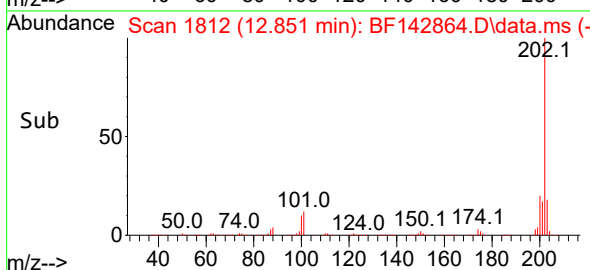
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#78
Pyrene
Concen: 45.147 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08



Tgt Ion:202 Resp: 604275
Ion Ratio Lower Upper
202 100
200 20.0 15.7 23.5
203 17.7 13.8 20.6





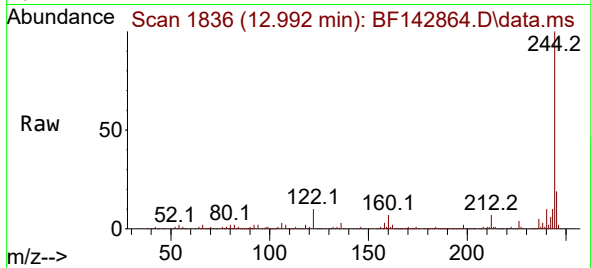
#79
 Terphenyl-d14
 Concen: 57.862 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF142864.D
 Acq: 26 Jun 2025 13:08

Instrument :

BNA_F

ClientSampleId :

MH-M/HMS

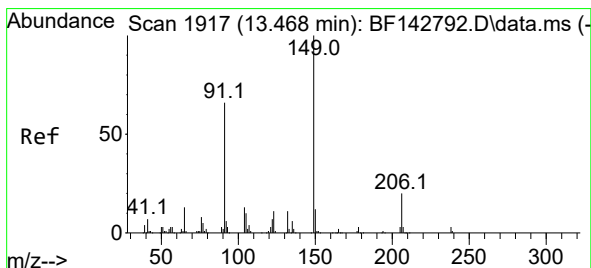
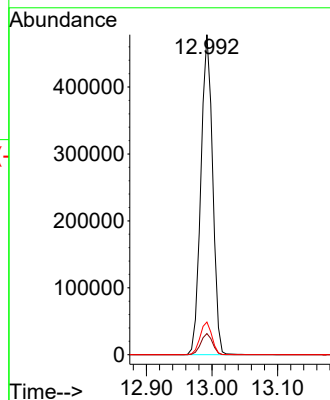
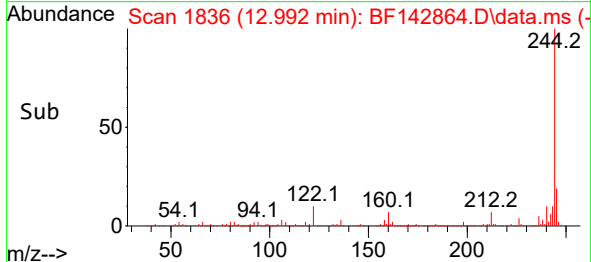


Tgt Ion:244 Resp: 59797
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.2 8.2 12.2

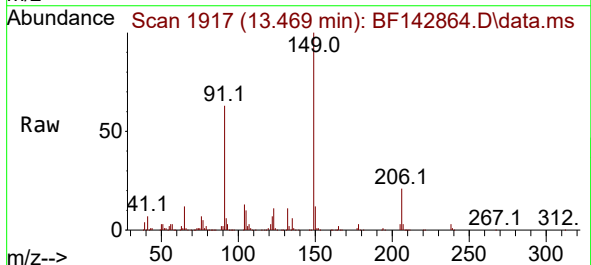
Manual Integrations

APPROVED

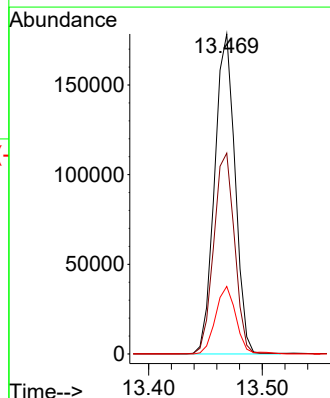
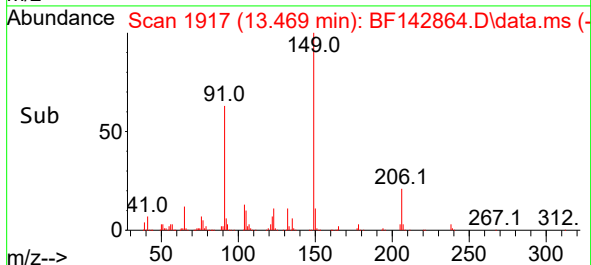
Reviewed By :Rahul Chavli 06/27/2025
 Supervised By :Jagrut Upadhyay 06/27/2025

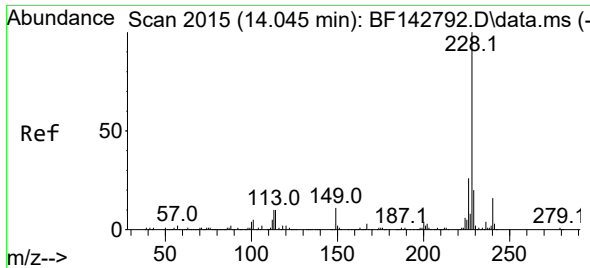


#80
 Butylbenzylphthalate
 Concen: 57.545 ng
 RT: 13.469 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: BF142864.D
 Acq: 26 Jun 2025 13:08



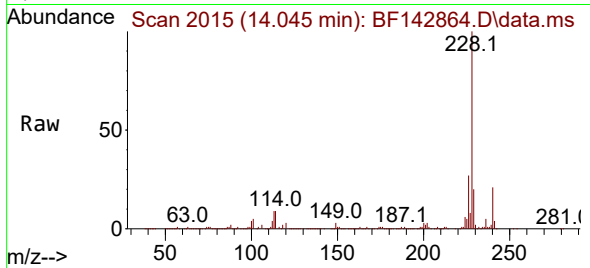
Tgt Ion:149 Resp: 223418
 Ion Ratio Lower Upper
 149 100
 91 62.7 52.9 79.3
 206 21.1 16.3 24.5





#81
Benzo(a)anthracene
Concen: 46.699 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

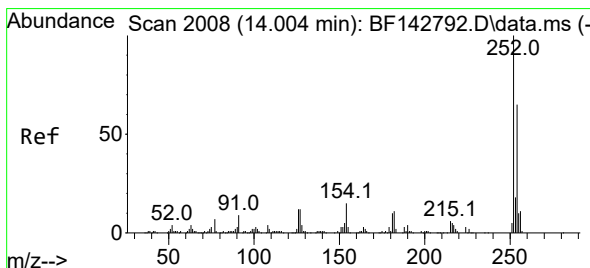
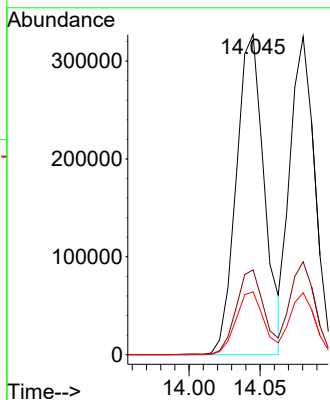
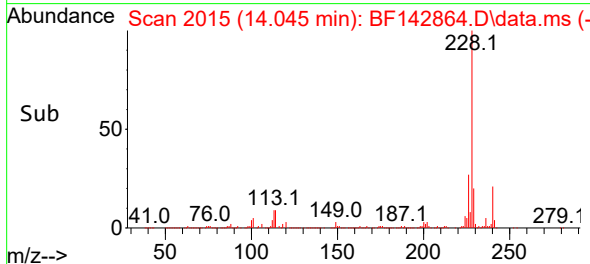
Instrument :
BNA_F
ClientSampleId :
MH-M/HMS



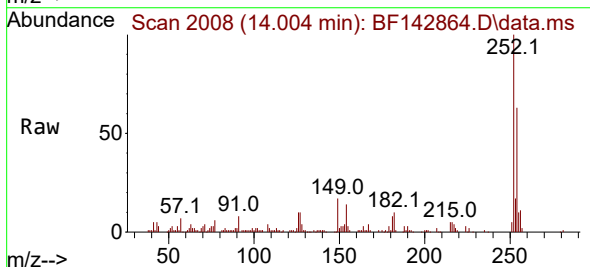
Tgt Ion:228 Resp: 449845
Ion Ratio Lower Upper
228 100
226 26.5 21.2 31.8
229 19.6 15.6 23.4

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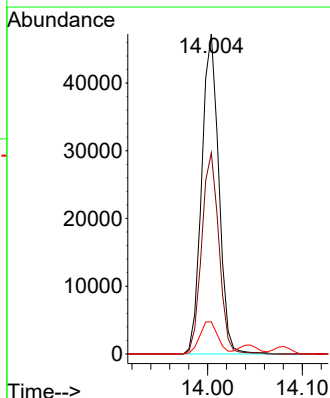
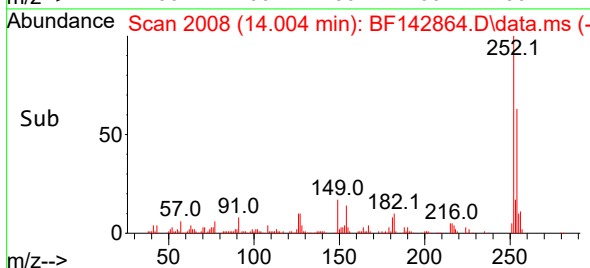
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

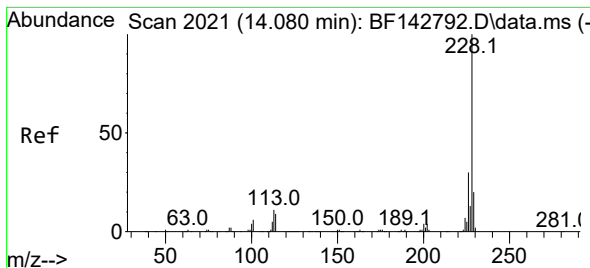


#82
3,3'-Dichlorobenzidine
Concen: 18.950 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08



Tgt Ion:252 Resp: 59209
Ion Ratio Lower Upper
252 100
254 62.9 51.7 77.5
126 10.1 9.4 14.2





#83

Chrysene

Concen: 45.677 ng

RT: 14.080 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF142864.D

Acq: 26 Jun 2025 13:08

Instrument :

BNA_F

ClientSampleId :

MH-M/HMS

Tgt Ion:228 Resp: 392625

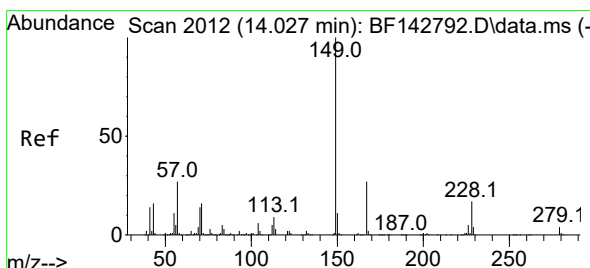
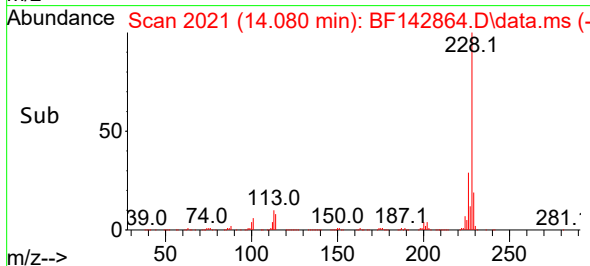
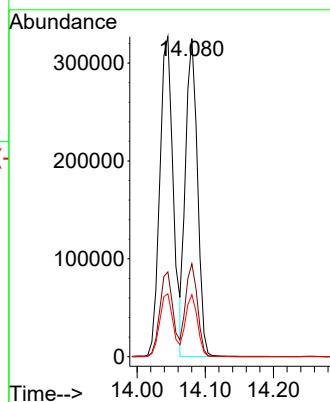
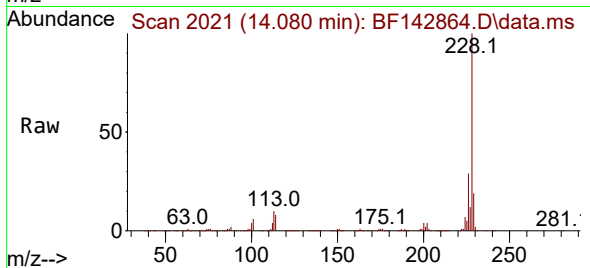
Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.7	35.5
229	19.5	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.318 ng

RT: 14.027 min Scan# 2012

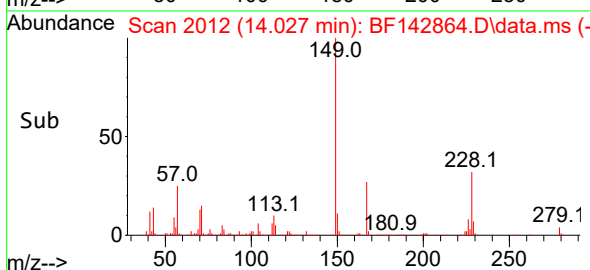
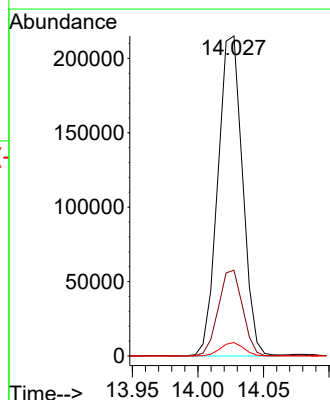
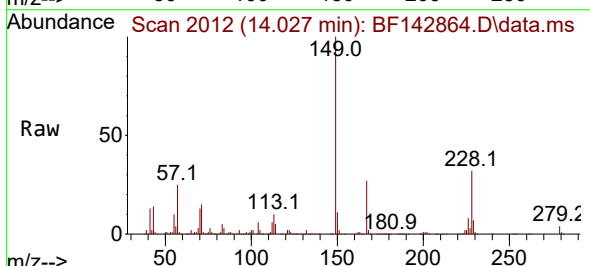
Delta R.T. 0.000 min

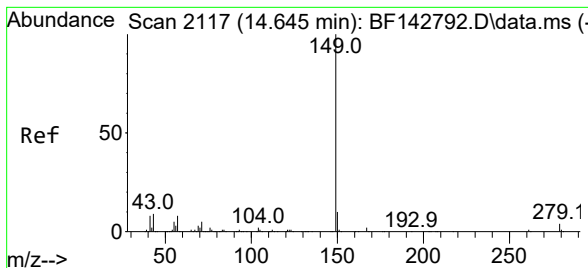
Lab File: BF142864.D

Acq: 26 Jun 2025 13:08

Tgt Ion:149 Resp: 281077

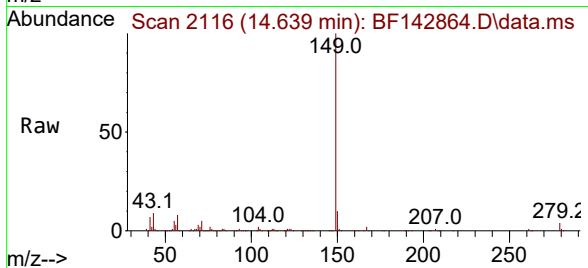
Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.4	32.0
279	4.2	3.0	4.6





#85
Di-n-octyl phthalate
Concen: 42.515 ng
RT: 14.639 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

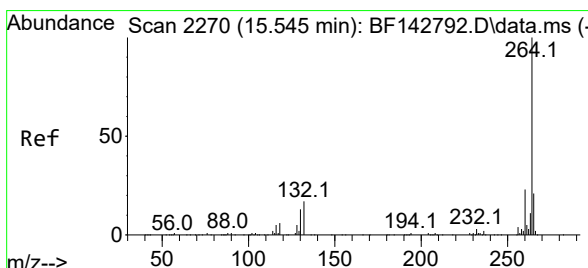
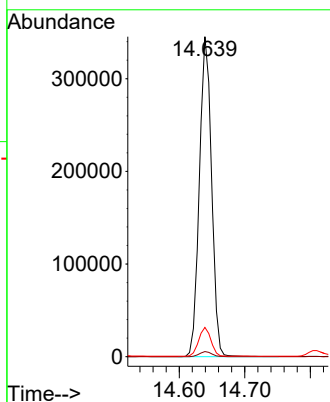
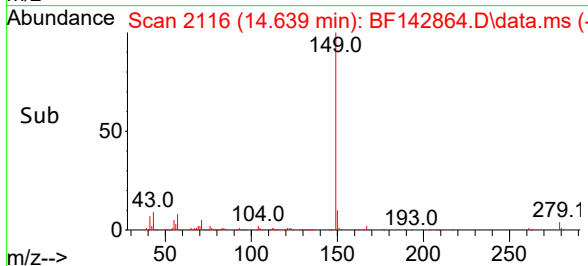
Instrument :
BNA_F
ClientSampleId :
MH-M/HMS



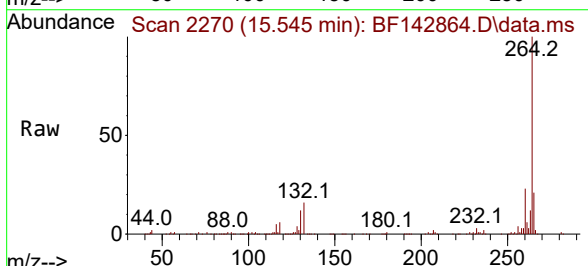
Tgt Ion:149 Resp: 447818
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.0 7.6 11.4

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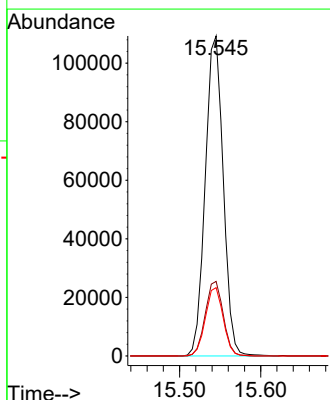
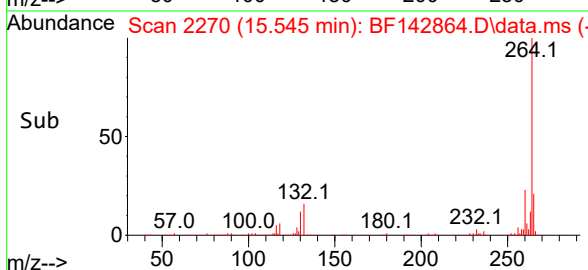
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

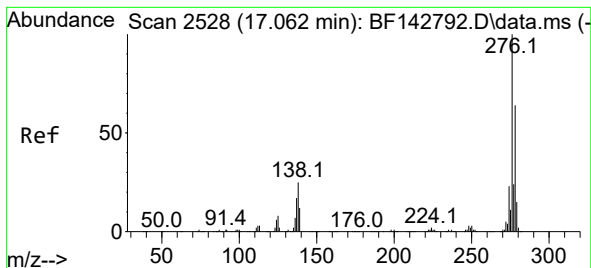


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08



Tgt Ion:264 Resp: 167813
Ion Ratio Lower Upper
264 100
260 23.3 18.1 27.1
265 21.4 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 34.080 ng

RT: 17.057 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF142864.D

Acq: 26 Jun 2025 13:08

Instrument :

BNA_F

ClientSampleId :

MH-M/HMS

Tgt Ion:276 Resp: 435619

Ion Ratio Lower Upper

276 100

138 24.3 20.2 30.4

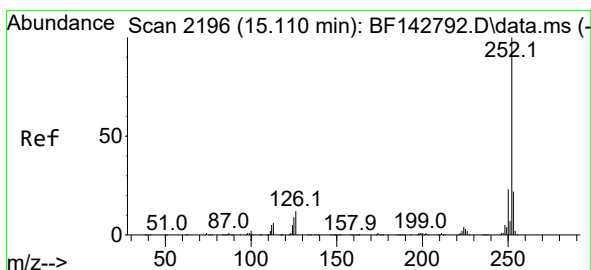
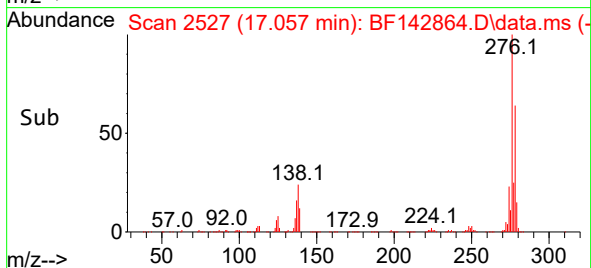
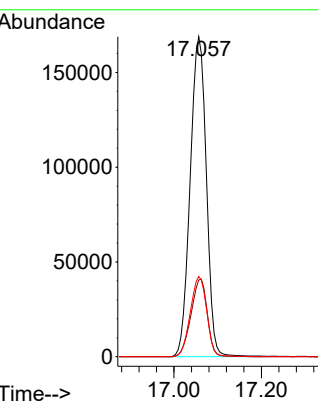
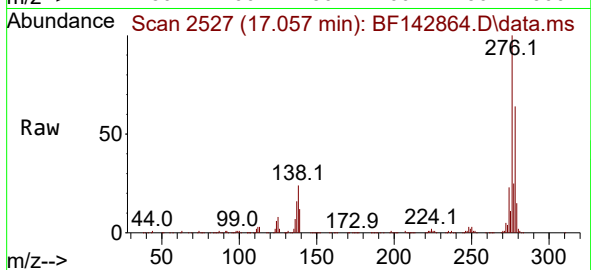
277 25.3 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#88

Benzo(b)fluoranthene

Concen: 48.470 ng

RT: 15.104 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF142864.D

Acq: 26 Jun 2025 13:08

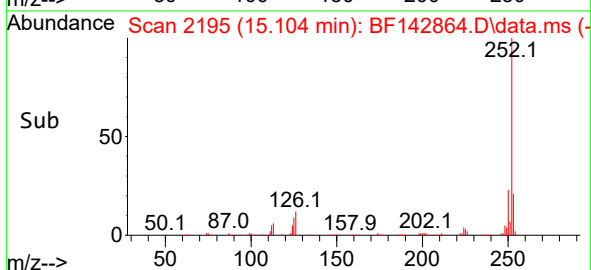
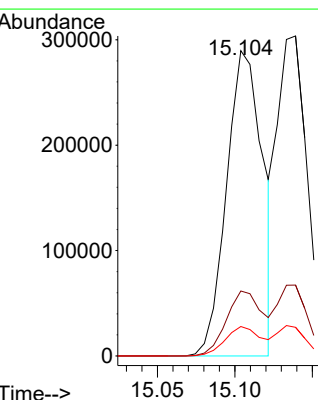
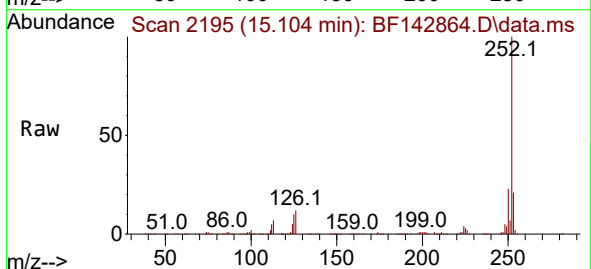
Tgt Ion:252 Resp: 470660

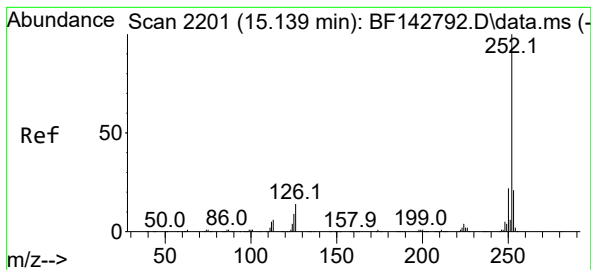
Ion Ratio Lower Upper

252 100

253 21.3 17.5 26.3

125 9.6 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 45.075 ng

RT: 15.139 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142864.D

Acq: 26 Jun 2025 13:08

Instrument :

BNA_F

ClientSampleId :

MH-M/HMS

Tgt Ion:252 Resp: 409490

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

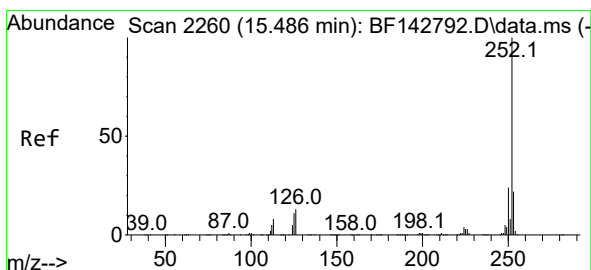
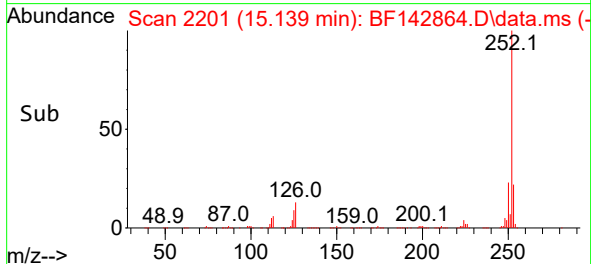
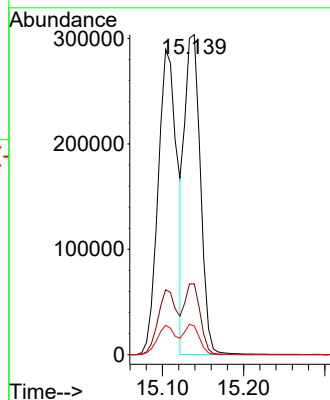
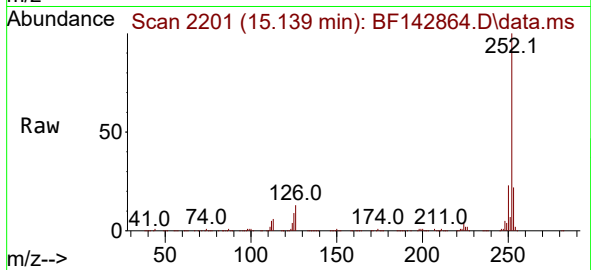
125 9.0 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#90

Benzo(a)pyrene

Concen: 47.014 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF142864.D

Acq: 26 Jun 2025 13:08

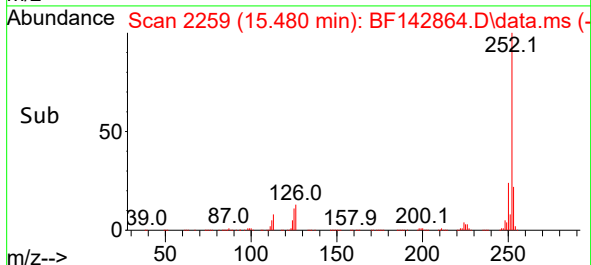
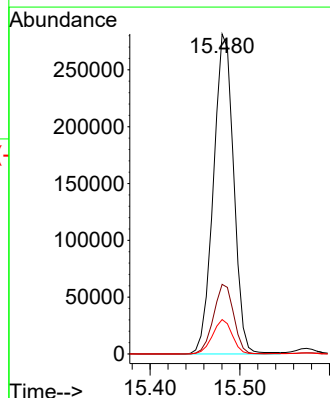
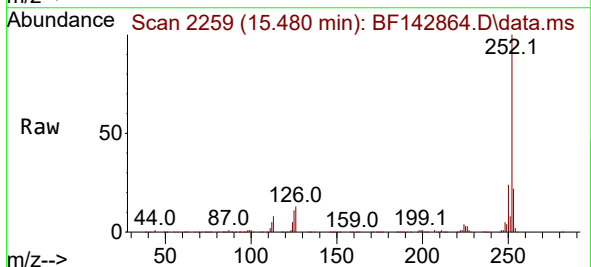
Tgt Ion:252 Resp: 441034

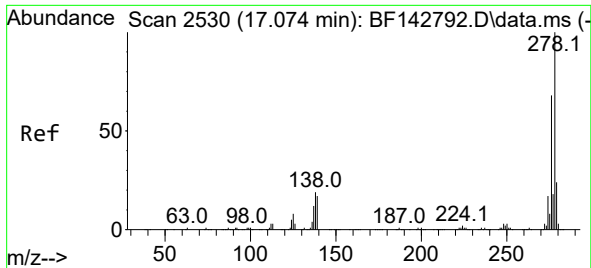
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 10.8 8.6 12.8





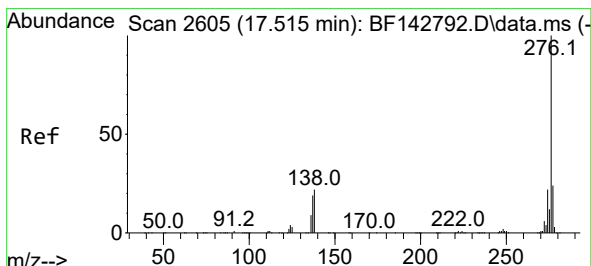
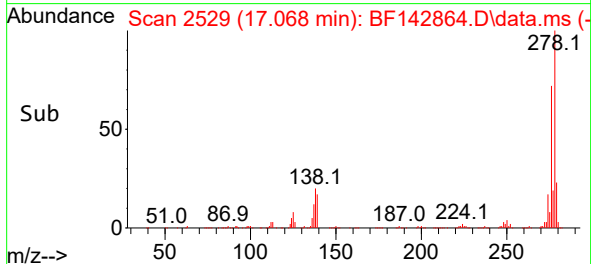
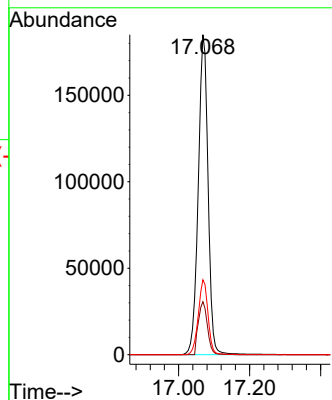
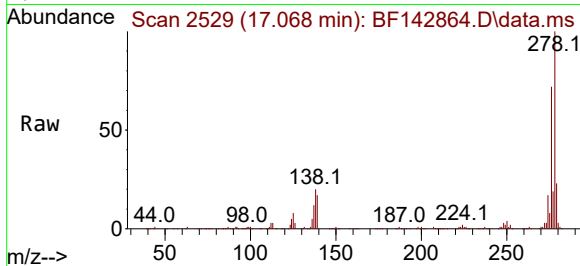
#91
Dibenzo(a,h)anthracene
Concen: 34.342 ng
RT: 17.068 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

Instrument :
BNA_F
ClientSampleId :
MH-M/HMS

Tgt Ion:278 Resp: 35666
Ion Ratio Lower Upper
278 100
139 16.6 13.5 20.3
279 23.4 18.8 28.2

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 30.796 ng
RT: 17.510 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF142864.D
Acq: 26 Jun 2025 13:08

Tgt Ion:276 Resp: 318928
Ion Ratio Lower Upper
276 100
277 23.0 18.8 28.2
138 21.5 17.6 26.4

