

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
 Data File : BF142592.D
 Acq On : 02 Jun 2025 12:28
 Operator : RC/JU
 Sample : PB168219BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168219BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/03/2025
 Supervised By :Jagrut Upadhyay 06/03/2025

Quant Time: Jun 02 13:07:14 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	123772	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	484044	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	269556	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	469369	20.000	ng	0.00
76) Chrysene-d12	14.074	240	247434	20.000	ng	0.00
86) Perylene-d12	15.568	264	265001	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	893728	121.652	ng	0.01
7) Phenol-d6	6.528	99	1090393	123.298	ng	0.00
23) Nitrobenzene-d5	7.463	82	668024	75.255	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	377621	126.222	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1425411	70.958	ng	-0.01
79) Terphenyl-d14	13.016	244	1391721	76.863	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	107857	36.688	ng	99
3) Pyridine	3.516	79	300091	40.085	ng	98
4) n-Nitrosodimethylamine	3.475	42	159932	41.145	ng	90
6) Aniline	6.563	93	348958	29.347	ng	99
8) 2-Chlorophenol	6.681	128	351526	43.930	ng	99
9) Benzaldehyde	6.451	77	182656	34.340	ng	99
10) Phenol	6.545	94	416881	41.894	ng	95
11) bis(2-Chloroethyl)ether	6.634	93	311938	43.549	ng	99
12) 1,3-Dichlorobenzene	6.840	146	370373	41.479	ng	98
13) 1,4-Dichlorobenzene	6.916	146	378451	42.077	ng	99
14) 1,2-Dichlorobenzene	7.069	146	362468	42.116	ng	99
15) Benzyl Alcohol	7.040	79	280457	42.914	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	505428	42.017	ng	95
17) 2-Methylphenol	7.151	107	272793	43.664	ng	99
18) Hexachloroethane	7.410	117	132072	42.052	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	225840	41.205	ng	99
20) 3+4-Methylphenols	7.304	107	336295	42.034	ng	98
22) Acetophenone	7.310	105	446769	41.695	ng	99
24) Nitrobenzene	7.481	77	337169	42.114	ng	100
25) Isophorone	7.722	82	623535	42.013	ng	98
26) 2-Nitrophenol	7.798	139	187806	43.901	ng	97
27) 2,4-Dimethylphenol	7.834	122	328468	43.539	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	394805	42.584	ng	99
29) 2,4-Dichlorophenol	8.039	162	299753	43.690	ng	100
30) 1,2,4-Trichlorobenzene	8.122	180	315137	42.324	ng	98
31) Naphthalene	8.204	128	1002770	42.073	ng	100
32) Benzoic acid	7.957	122	213999	46.599	ng	98
33) 4-Chloroaniline	8.251	127	147699	15.293	ng	99
34) Hexachlorobutadiene	8.322	225	192731	41.455	ng	100
35) Caprolactam	8.622	113	95883m	49.760	ng	
36) 4-Chloro-3-methylphenol	8.734	107	305966	43.515	ng	96
37) 2-Methylnaphthalene	8.898	142	630036	42.018	ng	100
38) 1-Methylnaphthalene	8.998	142	654235	42.182	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	318323	41.139	ng	99
41) Hexachlorocyclopentadiene	9.051	237	421008	80.655	ng	98
43) 2,4,6-Trichlorophenol	9.175	196	222630	42.668	ng	97

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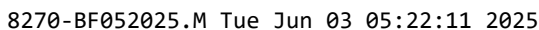
Quant Time: Jun 02 13:07:14 2025
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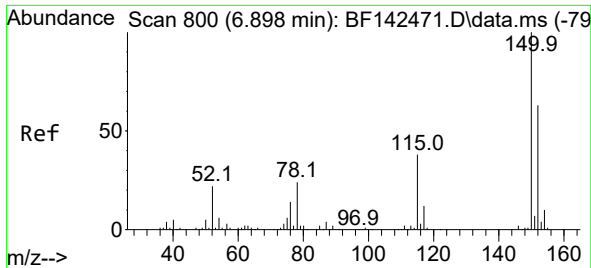
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	240616	43.726	ng	97
46) 1,1'-Biphenyl	9.363	154	860487	41.147	ng	100
47) 2-Chloronaphthalene	9.386	162	640633	41.462	ng	98
48) 2-Nitroaniline	9.481	65	193882	43.413	ng	97
49) Acenaphthylene	9.804	152	1084254	41.558	ng	99
50) Dimethylphthalate	9.663	163	777119	43.692	ng	100
51) 2,6-Dinitrotoluene	9.722	165	173662	45.238	ng	99
52) Acenaphthene	9.975	154	735378	46.159	ng	99
53) 3-Nitroaniline	9.892	138	95180	22.700	ng	98
54) 2,4-Dinitrophenol	10.004	184	198936	100.306	ng	92
55) Dibenzofuran	10.145	168	955548	41.680	ng	99
56) 4-Nitrophenol	10.057	139	287048	92.784	ng	97
57) 2,4-Dinitrotoluene	10.128	165	239370	47.746	ng	99
58) Fluorene	10.492	166	748620	42.268	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	201778	43.923	ng	100
60) Diethylphthalate	10.363	149	759799	43.740	ng	99
61) 4-Chlorophenyl-phenyle...	10.481	204	365251	41.981	ng	97
62) 4-Nitroaniline	10.510	138	178824	47.025	ng	96
63) Azobenzene	10.639	77	669643	42.920	ng	98
65) 4,6-Dinitro-2-methylph...	10.539	198	128630	49.106	ng	96
66) n-Nitrosodiphenylamine	10.598	169	665183	41.424	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	232770	41.941	ng	96
68) Hexachlorobenzene	11.039	284	260699	42.470	ng	99
69) Atrazine	11.128	200	206186	48.348	ng	99
70) Pentachlorophenol	11.233	266	295434	85.247	ng	99
71) Phenanthrene	11.457	178	1052855	41.973	ng	100
72) Anthracene	11.510	178	1082231	42.274	ng	99
73) Carbazole	11.657	167	964924	44.090	ng	100
74) Di-n-butylphthalate	11.986	149	1105835	46.162	ng	100
75) Fluoranthene	12.645	202	1034243	44.126	ng	98
77) Benzidine	12.763	184	298141	32.379	ng	99
78) Pyrene	12.874	202	1021768	44.267	ng	100
80) Butylbenzylphthalate	13.486	149	328403	51.490	ng	99
81) Benzo(a)anthracene	14.063	228	731754	44.288	ng	98
82) 3,3'-Dichlorobenzidine	14.021	252	109138	21.778	ng	99
83) Chrysene	14.098	228	647743	43.629	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	408375	50.017	ng	99
85) Di-n-octyl phthalate	14.657	149	702044	43.975	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	846572	42.553	ng	99
88) Benzo(b)fluoranthene	15.127	252	668530	42.625	ng	99
89) Benzo(k)fluoranthene	15.157	252	654833	44.577	ng	99
90) Benzo(a)pyrene	15.504	252	649734	43.949	ng	99
91) Dibenzo(a,h)anthracene	17.104	278	689215	42.714	ng	99
92) Benzo(g,h,i)perylene	17.545	276	676410	41.912	ng	98

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

Manual Integrations APPROVED

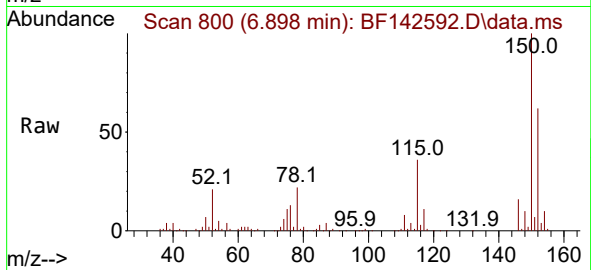
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

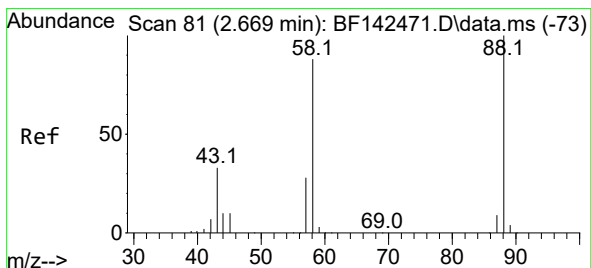
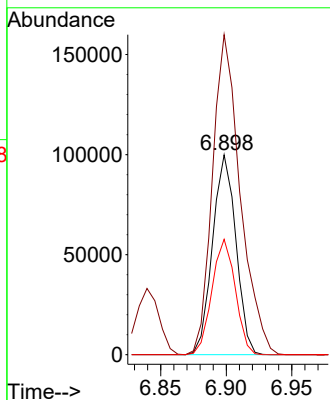
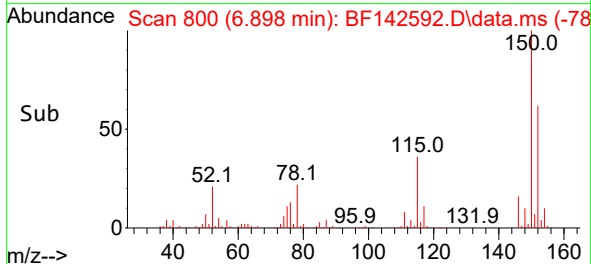
Instrument :
BNA_F
ClientSampleId :
PB168219BS



Tgt Ion:152 Resp: 123772
Ion Ratio Lower Upper
152 100
150 160.1 128.2 192.4
115 57.7 48.3 72.5

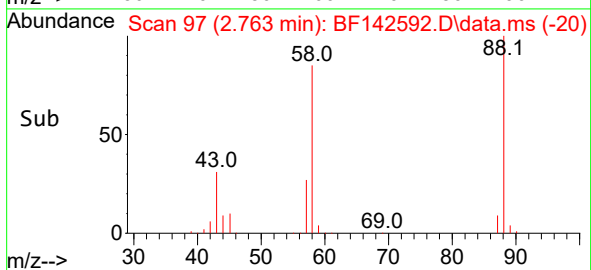
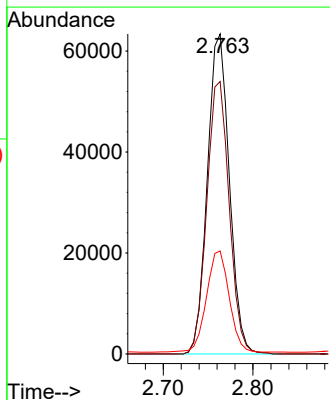
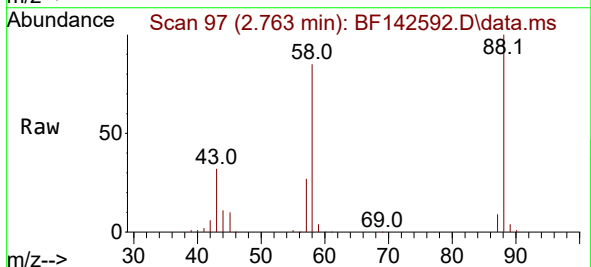
Manual Integrations
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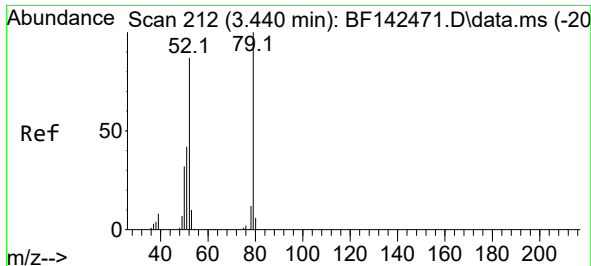
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025



#2
1,4-Dioxane
Concen: 36.688 ng
RT: 2.763 min Scan# 97
Delta R.T. 0.100 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

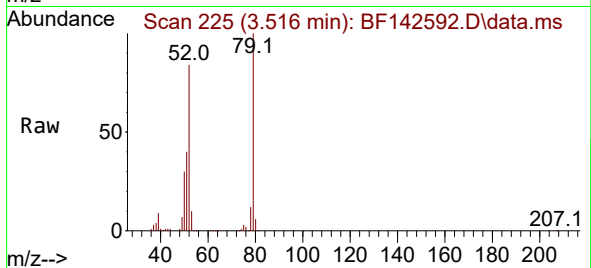
Tgt Ion: 88 Resp: 107857
Ion Ratio Lower Upper
88 100
58 86.9 70.8 106.2
43 33.1 26.6 40.0





#3
Pyridine
Concen: 40.085 ng
RT: 3.516 min Scan# 212
Delta R.T. 0.077 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

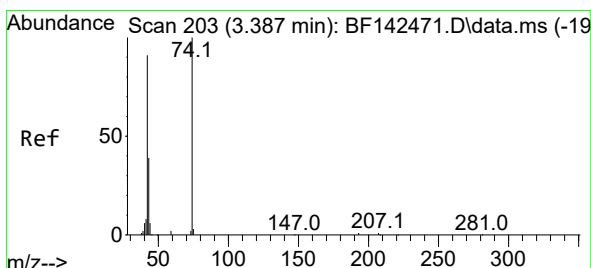
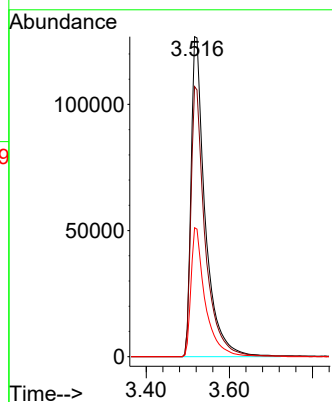
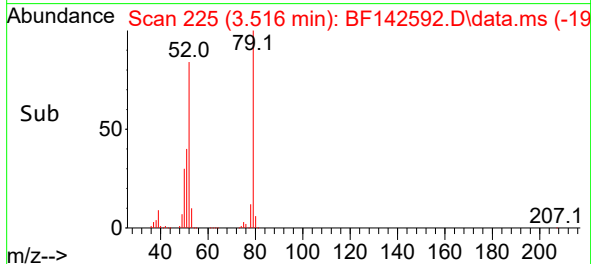
Instrument :
BNA_F
ClientSampleId :
PB168219BS



Tgt Ion: 79 Resp: 30009
Ion Ratio Lower Upper
79 100
52 84.4 69.2 103.8
51 40.3 33.3 49.9

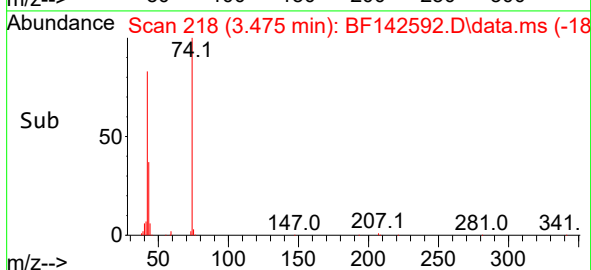
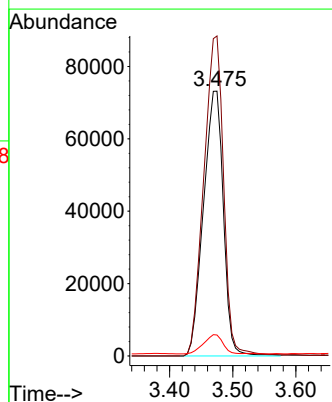
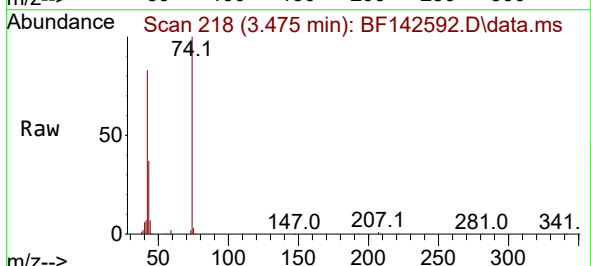
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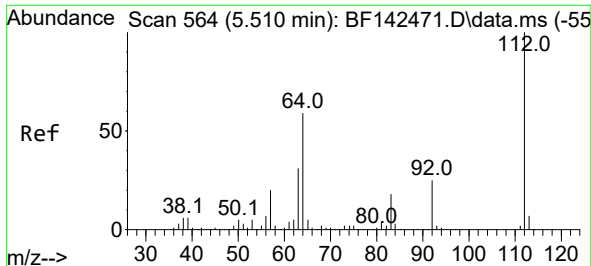
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025



#4
n-Nitrosodimethylamine
Concen: 41.145 ng
RT: 3.475 min Scan# 218
Delta R.T. 0.071 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

Tgt Ion: 42 Resp: 159932
Ion Ratio Lower Upper
42 100
74 120.8 88.2 132.4
44 7.9 5.4 8.2





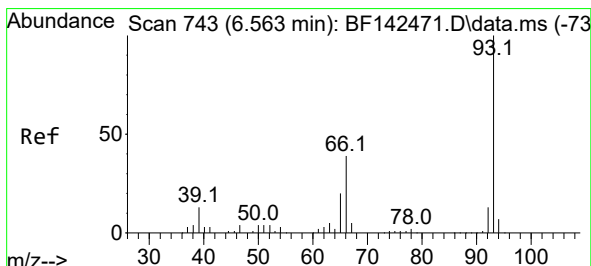
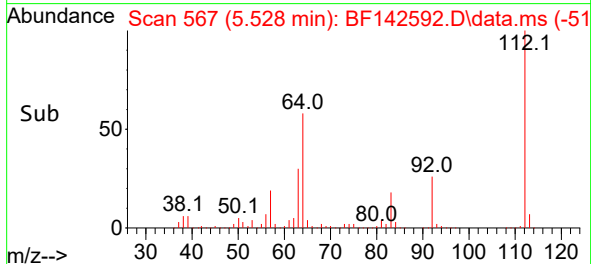
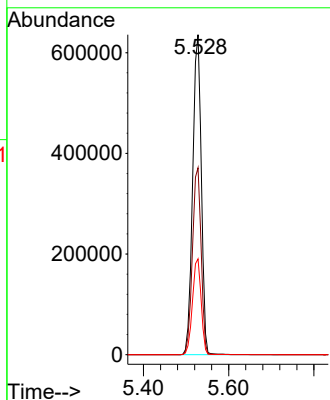
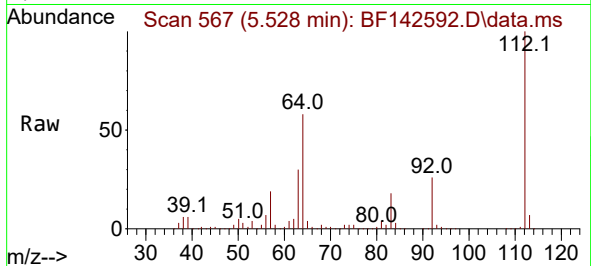
#5
2-Fluorophenol
Concen: 121.652 ng
RT: 5.528 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

Instrument :
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ClientSampleId :
PB168219BS

Tgt Ion:112 Resp: 893728
Ion Ratio Lower Upper
112 100
64 58.4 47.5 71.3
63 29.9 24.9 37.3

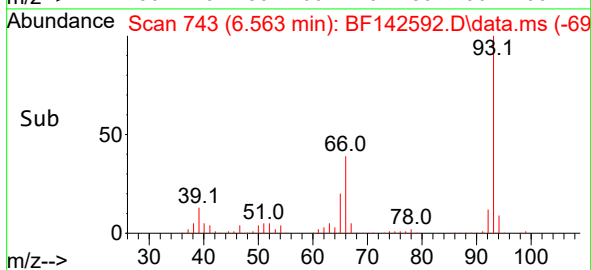
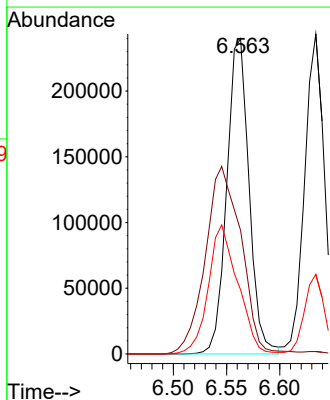
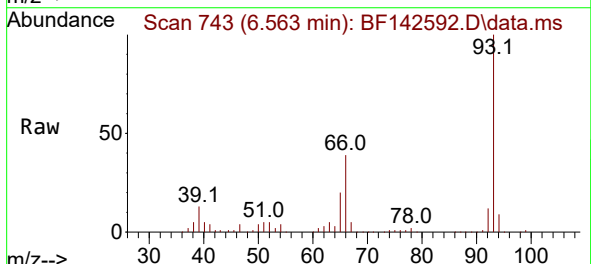
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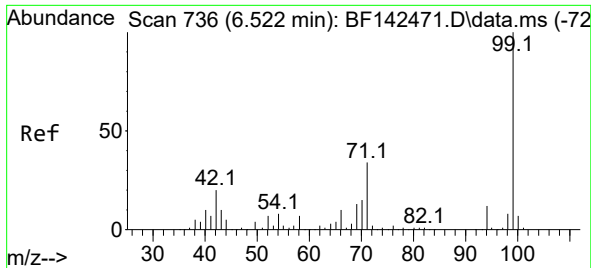
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025



#6
Aniline
Concen: 29.347 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

Tgt Ion: 93 Resp: 348958
Ion Ratio Lower Upper
93 100
66 39.2 32.0 48.0
65 20.4 16.1 24.1





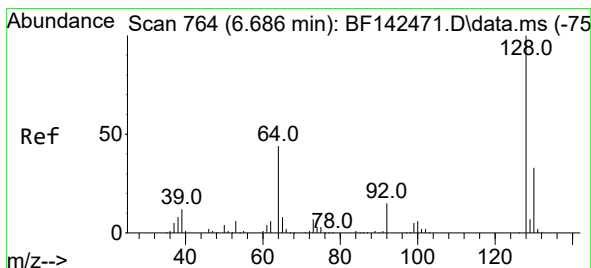
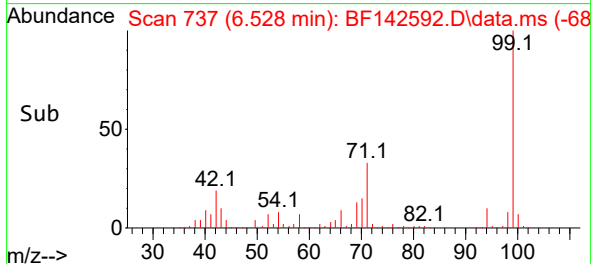
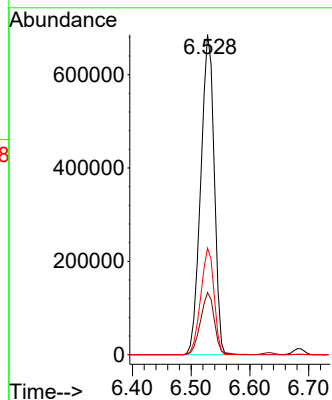
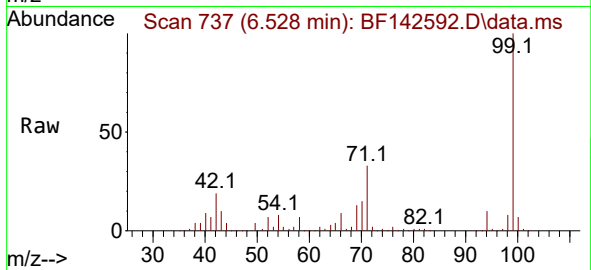
#7
Phenol-d6
Concen: 123.298 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

Instrument :
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Tgt Ion: 99 Resp: 109039
Ion Ratio Lower Upper
99 100
42 19.4 16.2 24.2
71 33.3 27.3 40.9

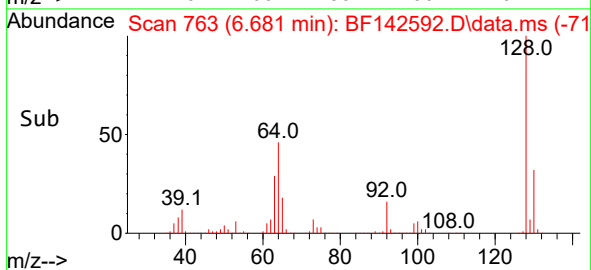
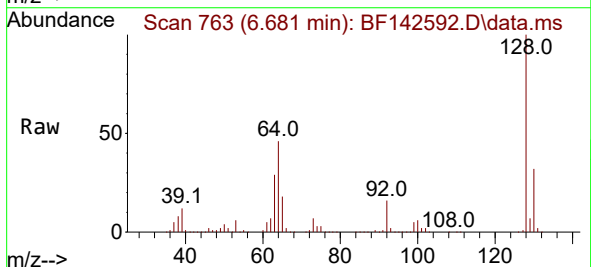
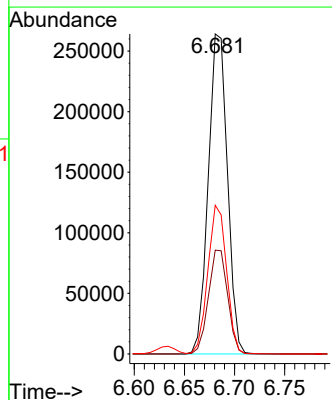
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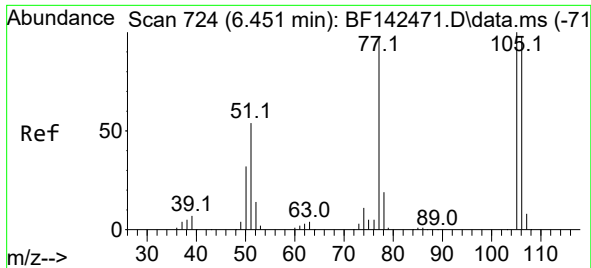
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025



#8
2-Chlorophenol
Concen: 43.930 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

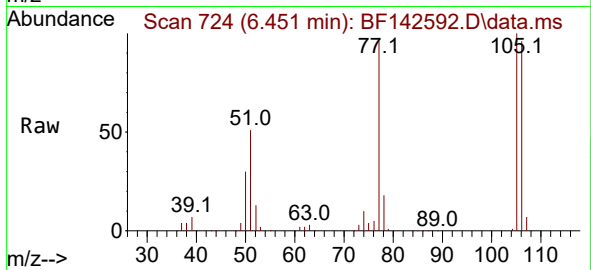
Tgt Ion:128 Resp: 351526
Ion Ratio Lower Upper
128 100
130 32.5 12.6 52.6
64 46.5 25.1 65.1





#9
Benzaldehyde
Concen: 34.340 ng
RT: 6.451 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

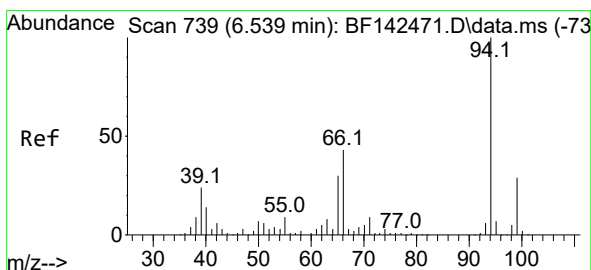
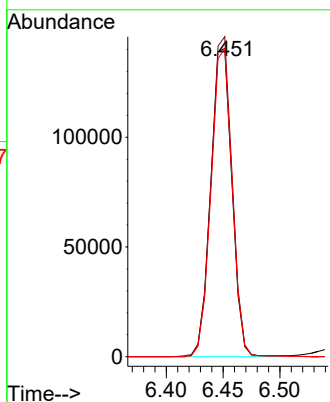
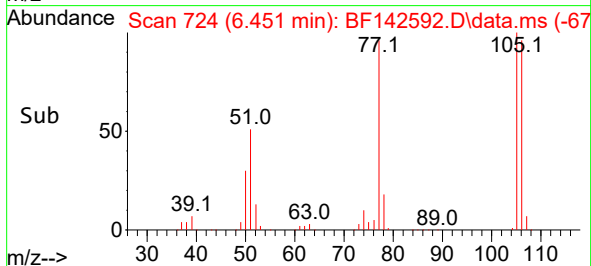
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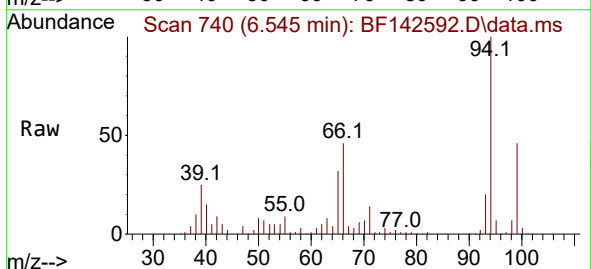
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Ion Ratio Lower Upper
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105 103.8 82.5 122.5
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Manual Integrations
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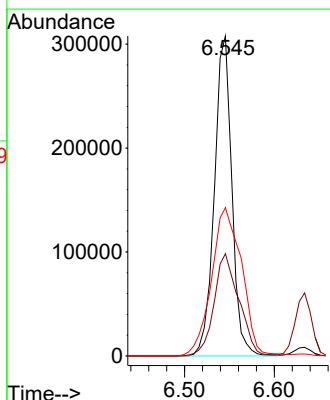
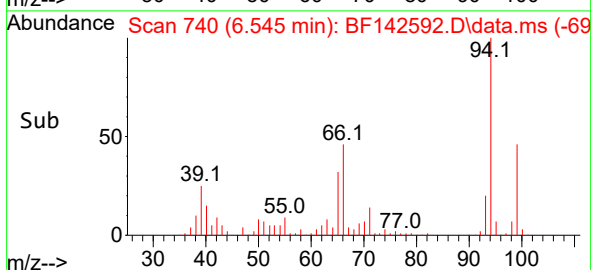
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025

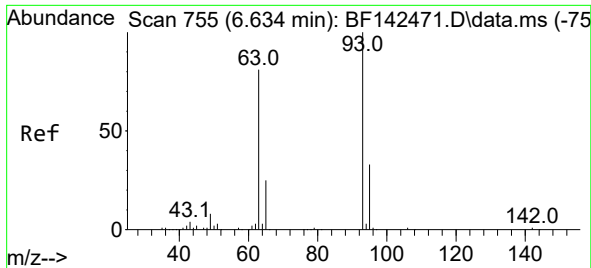


#10
Phenol
Concen: 41.894 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28



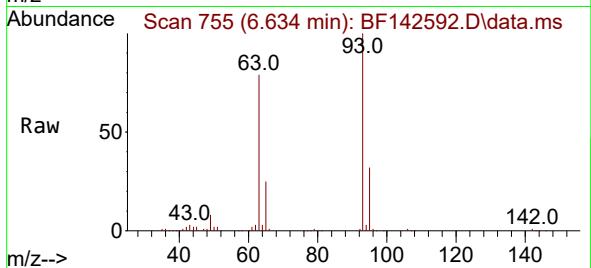
Tgt Ion: 94 Resp: 416881
Ion Ratio Lower Upper
94 100
65 31.9 10.3 50.3
66 46.4 22.6 62.6





#11
bis(2-Chloroethyl)ether
Concen: 43.549 ng
RT: 6.634 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

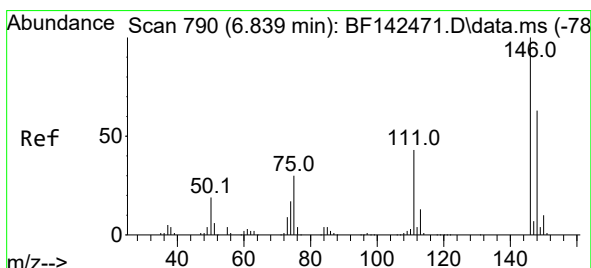
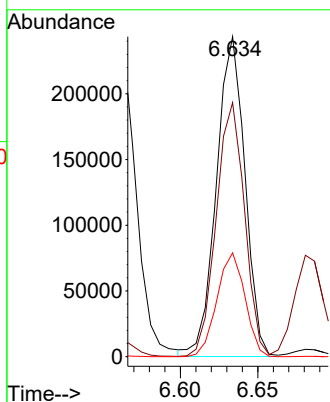
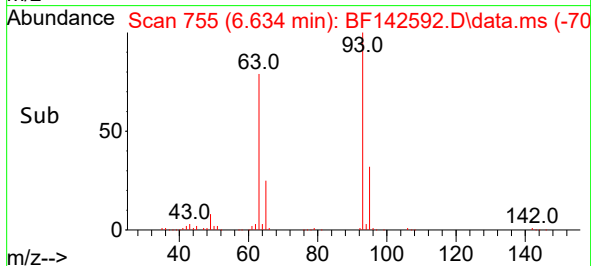
Instrument :
BNA_F
ClientSampleId :
PB168219BS



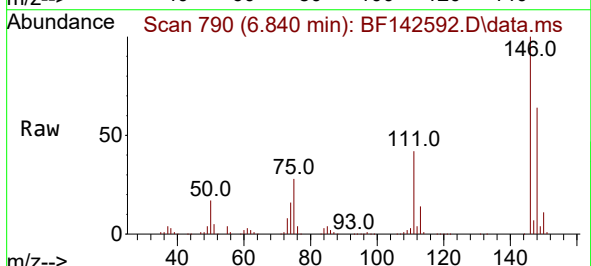
Tgt Ion: 93 Resp: 311938
Ion Ratio Lower Upper
93 100
63 79.4 60.2 100.2
95 32.4 12.3 52.3

Manual Integrations
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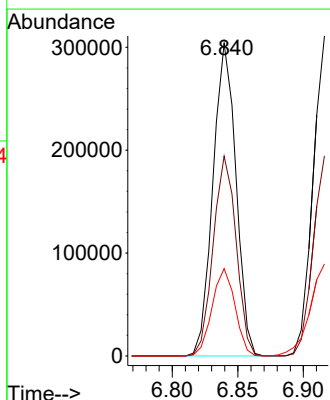
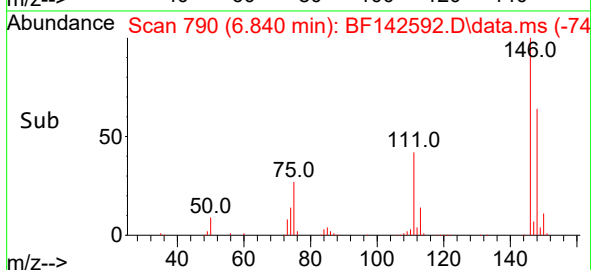
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025

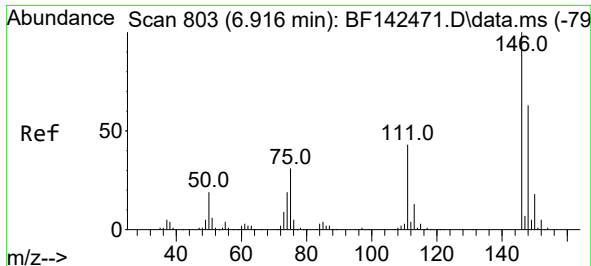


#12
1,3-Dichlorobenzene
Concen: 41.479 ng
RT: 6.840 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28



Tgt Ion:146 Resp: 370373
Ion Ratio Lower Upper
146 100
148 63.9 50.6 75.8
75 28.0 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 42.077 ng

RT: 6.916 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142592.D

Acq: 02 Jun 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB168219BS

Tgt Ion:146 Resp: 37845

Ion Ratio Lower Upper

146 100

148 62.6 50.4 75.6

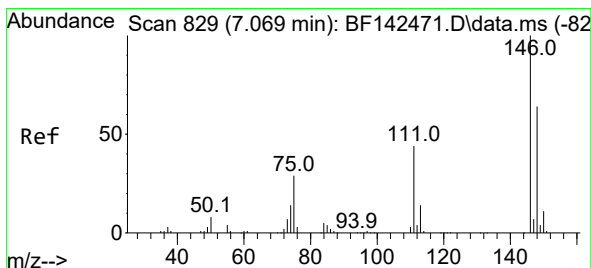
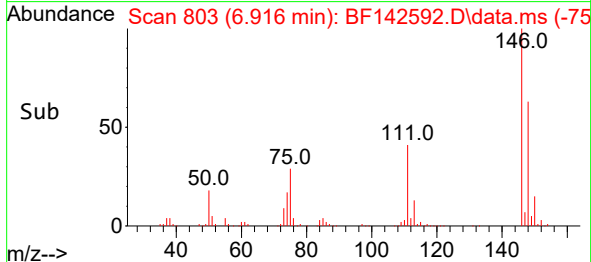
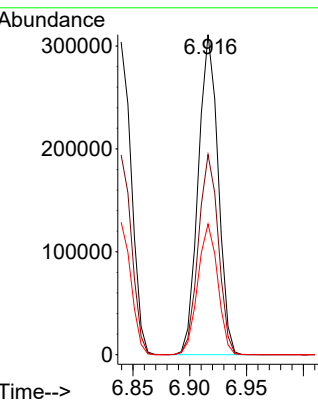
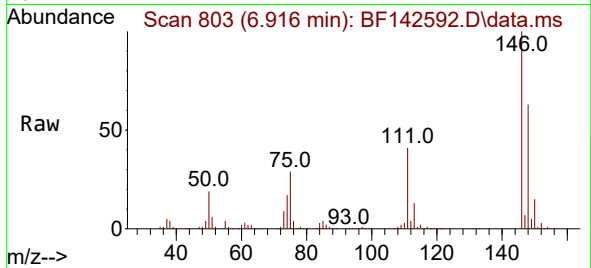
111 40.9 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#14

1,2-Dichlorobenzene

Concen: 42.116 ng

RT: 7.069 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF142592.D

Acq: 02 Jun 2025 12:28

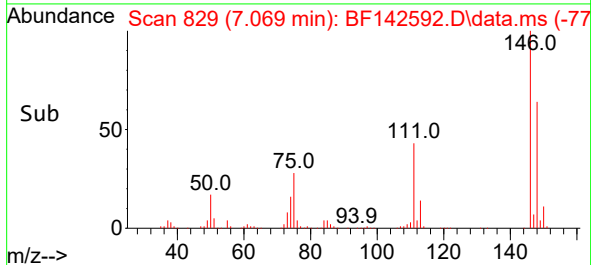
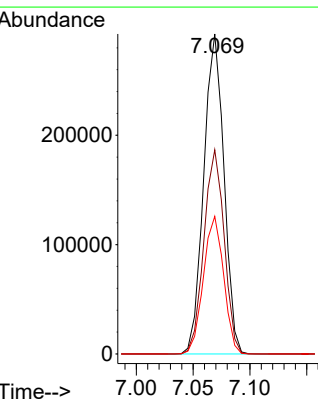
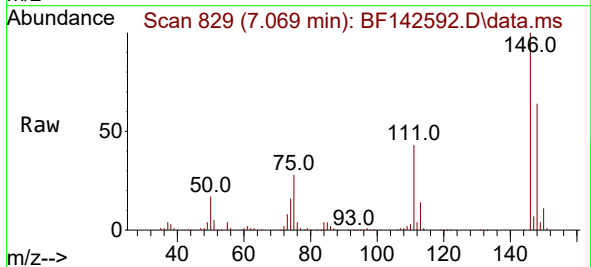
Tgt Ion:146 Resp: 362468

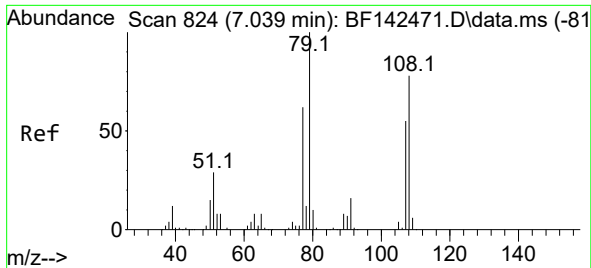
Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.4

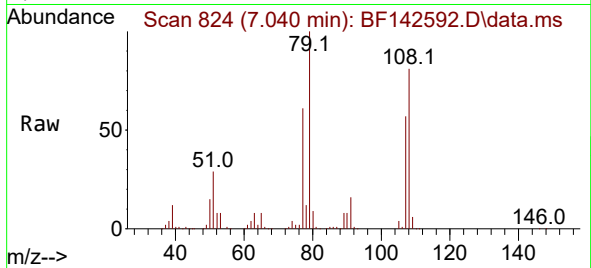
111 43.0 35.0 52.6





#15
Benzyl Alcohol
Concen: 42.914 ng
RT: 7.040 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

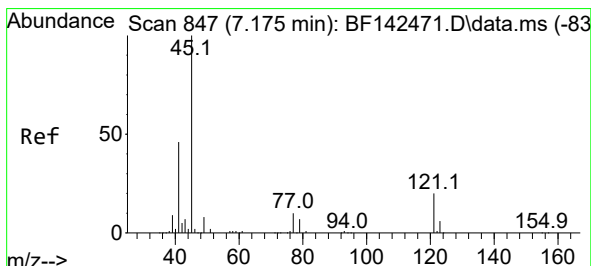
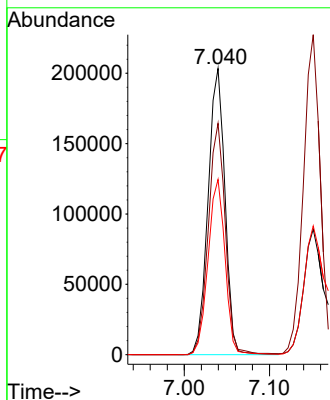
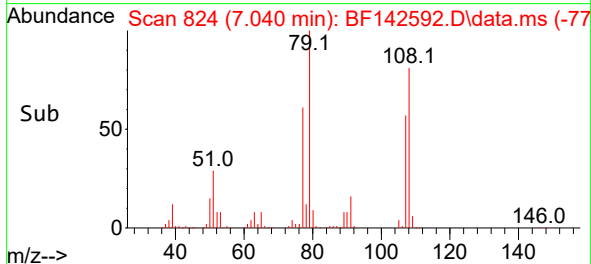
Instrument :
BNA_F
ClientSampleId :
PB168219BS



Tgt Ion: 79 Resp: 28045
Ion Ratio Lower Upper
79 100
108 80.8 62.1 93.1
77 61.2 49.5 74.3

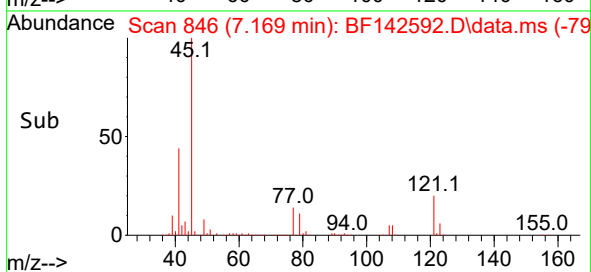
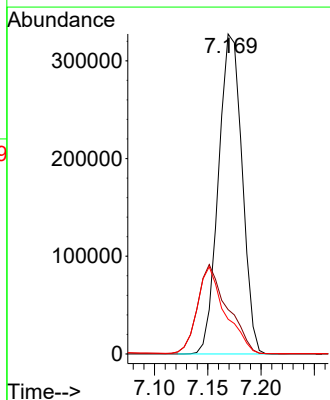
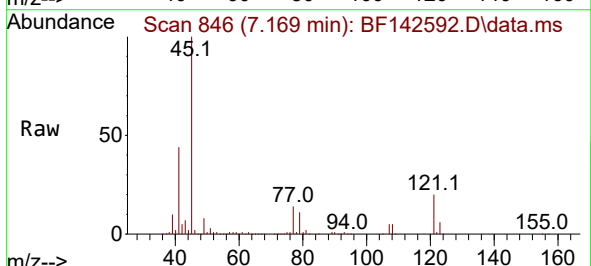
Manual Integrations
APPROVED

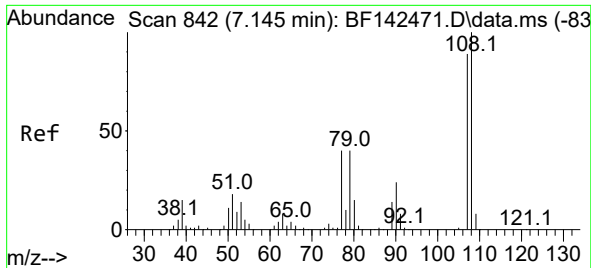
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.017 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

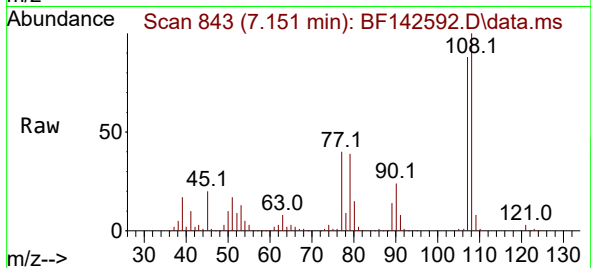
Tgt Ion: 45 Resp: 505428
Ion Ratio Lower Upper
45 100
77 13.8 0.0 32.0
79 10.8 0.0 29.2





#17
2-Methylphenol
Concen: 43.664 ng
RT: 7.151 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

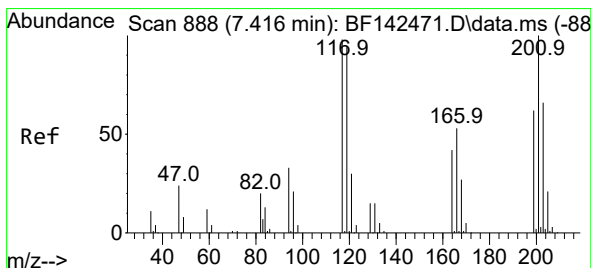
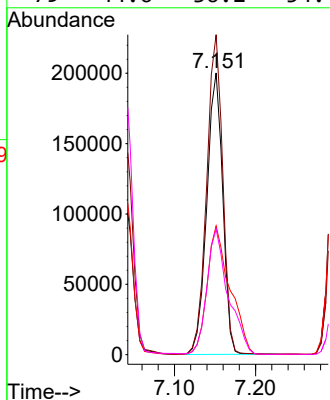
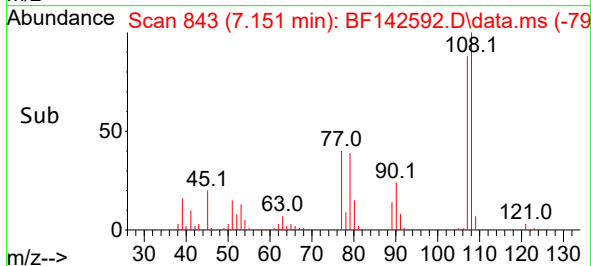
Instrument :
BNA_F
ClientSampleId :
PB168219BS



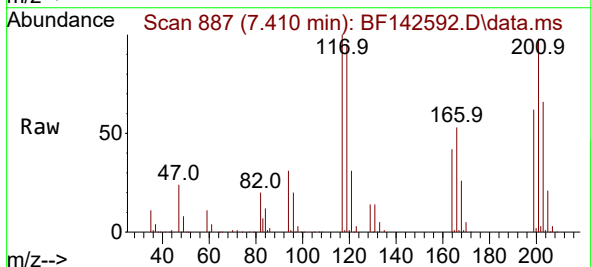
Tgt Ion:107 Resp: 27279
Ion Ratio Lower Upper
107 100
108 113.6 90.2 135.2
77 45.7 36.1 54.1
79 44.6 36.2 54.4

Manual Integrations
APPROVED

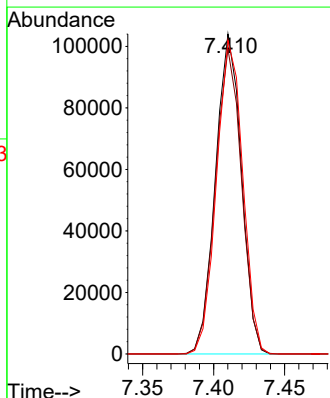
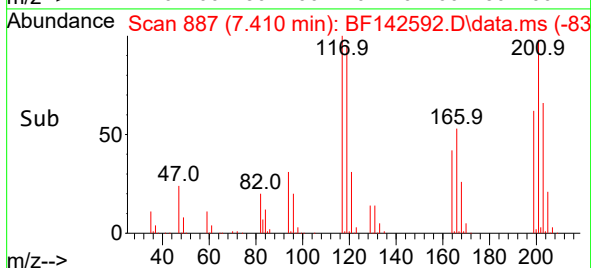
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025

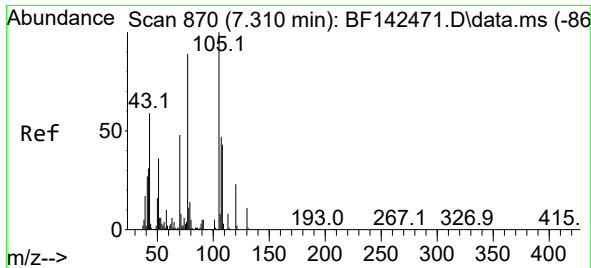


#18
Hexachloroethane
Concen: 42.052 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28



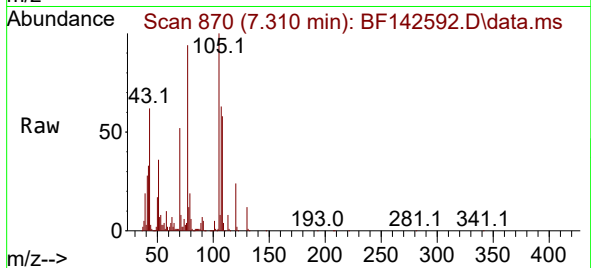
Tgt Ion:117 Resp: 132072
Ion Ratio Lower Upper
117 100
119 95.3 76.6 114.8
201 98.0 81.3 121.9





#19
n-Nitroso-di-n-propylamine
Concen: 41.205 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.017 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

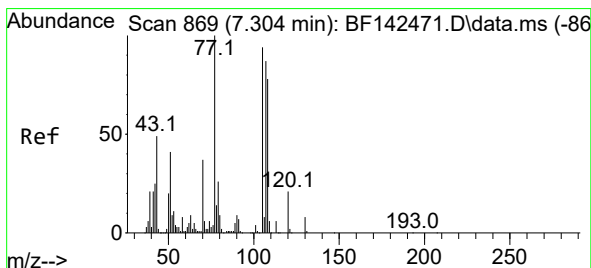
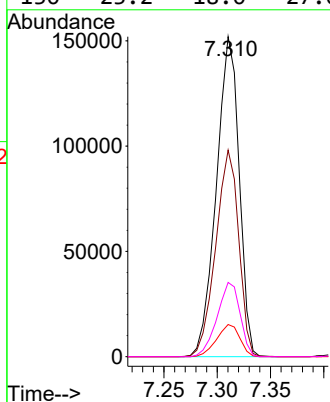
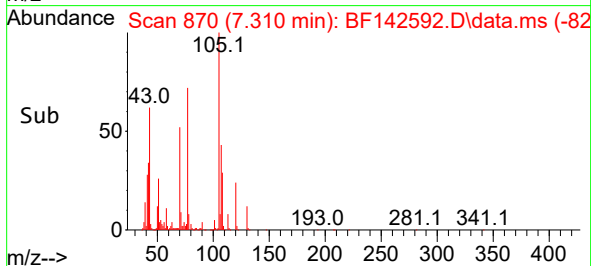
Instrument :
BNA_F
ClientSampleId :
PB168219BS



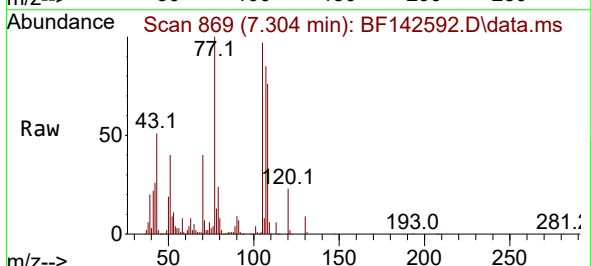
Tgt Ion: 70 Resp: 225840
Ion Ratio Lower Upper
70 100
42 64.6 52.4 78.6
101 10.1 7.8 11.8
130 23.2 18.0 27.0

Manual Integrations
APPROVED

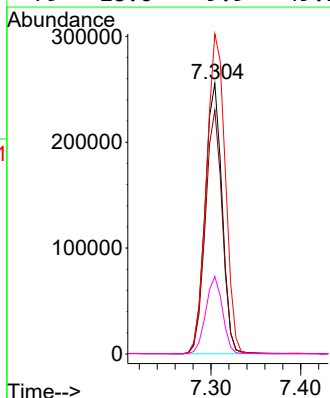
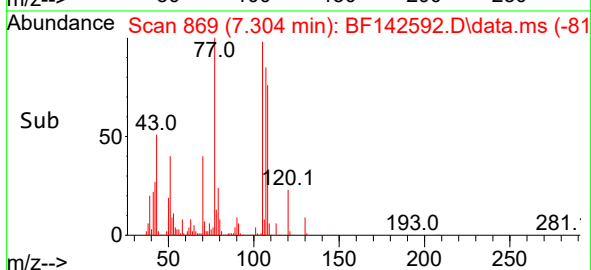
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025

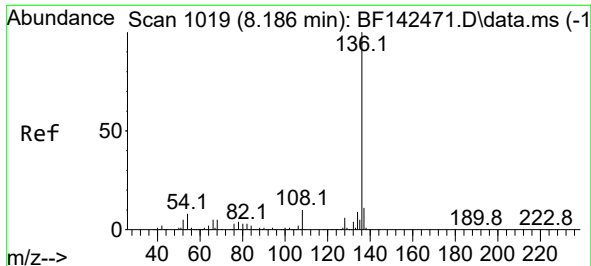


#20
3+4-Methylphenols
Concen: 42.034 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28



Tgt Ion:107 Resp: 336295
Ion Ratio Lower Upper
107 100
108 90.2 70.4 110.4
77 118.3 95.4 135.4
79 28.6 9.9 49.9





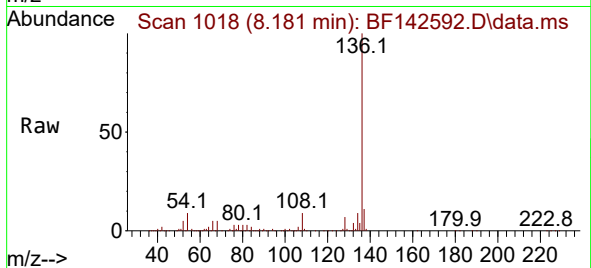
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB168219BS



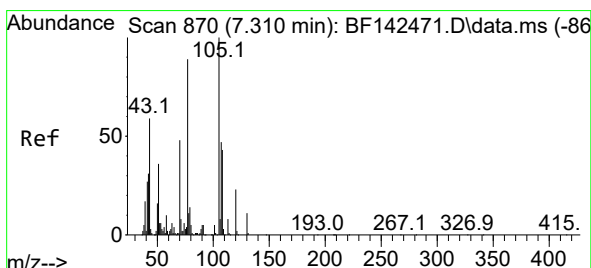
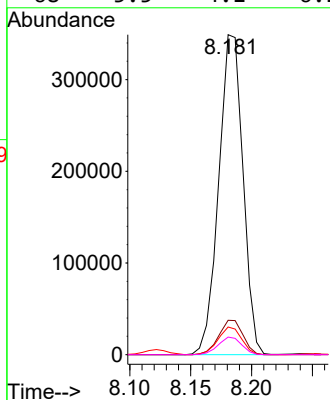
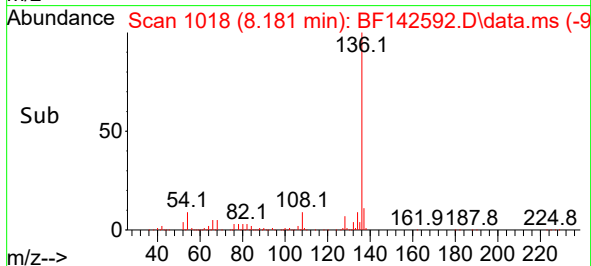
Tgt Ion:136 Resp: 484044
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.6 6.6 10.0
68 5.5 4.1 6.1

Manual Integrations

APPROVED

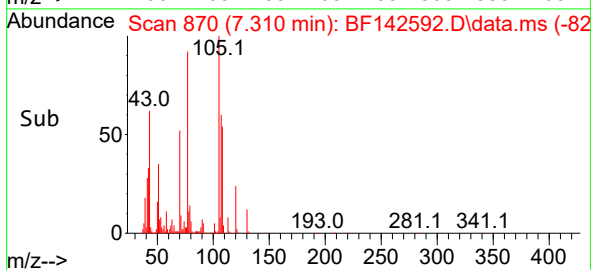
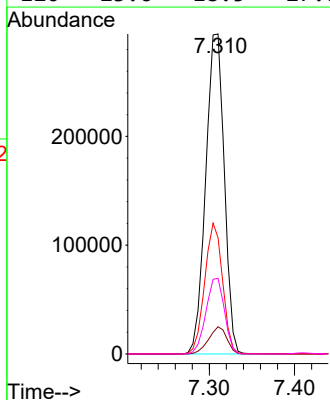
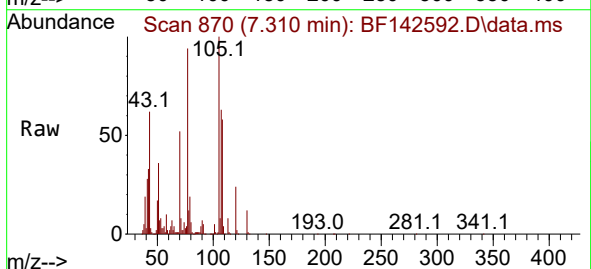
Reviewed By :Rahul Chavli 06/03/2025

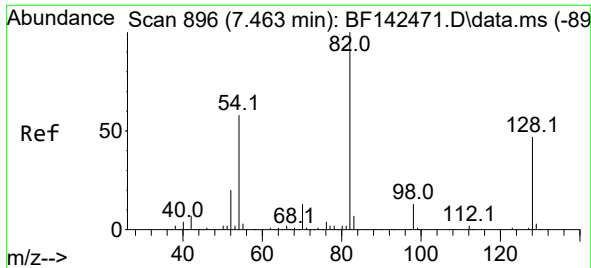
Supervised By :Jagrut Upadhyay 06/03/2025



#22
Acetophenone
Concen: 41.695 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

Tgt Ion:105 Resp: 446769
Ion Ratio Lower Upper
105 100
71 8.5 6.4 9.6
51 36.3 28.6 42.8
120 23.6 18.5 27.7





#23

Nitrobenzene-d5

Concen: 75.255 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF142592.D

Acq: 02 Jun 2025 12:28

Instrument :

BNA_F

ClientSampleId :

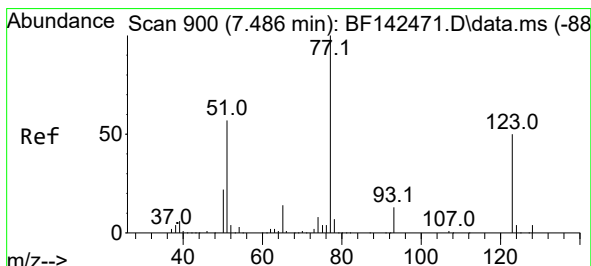
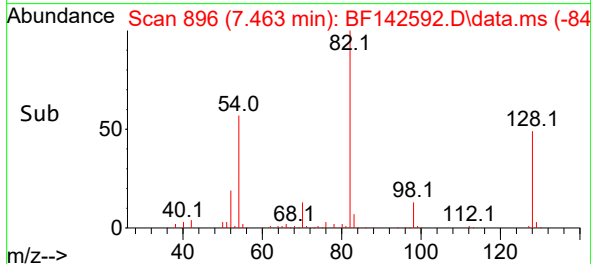
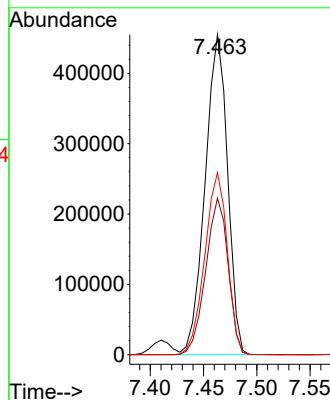
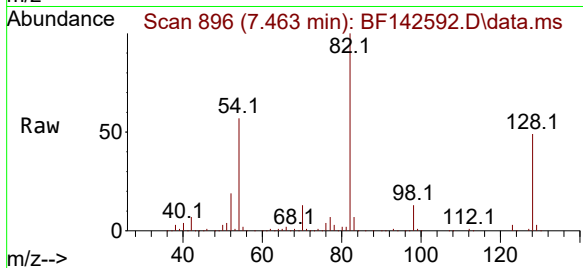
PB168219BS

Tgt Ion: 82 Resp: 668024
 Ion Ratio Lower Upper
 82 100
 128 48.9 37.4 56.2
 54 56.9 46.6 70.0

Manual Integrations

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Reviewed By :Rahul Chavli 06/03/2025
 Supervised By :Jagrut Upadhyay 06/03/2025



#24

Nitrobenzene

Concen: 42.114 ng

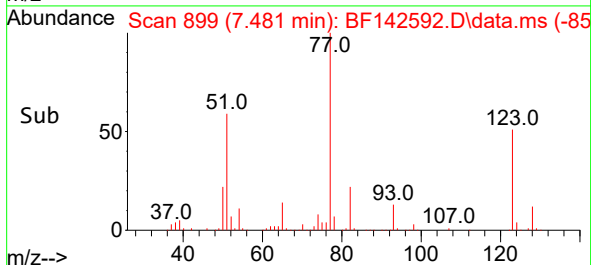
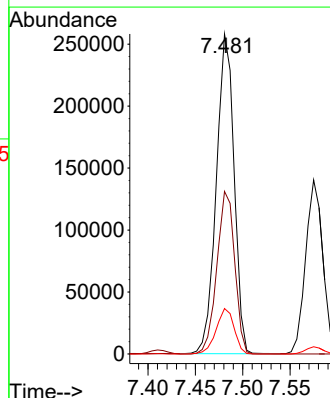
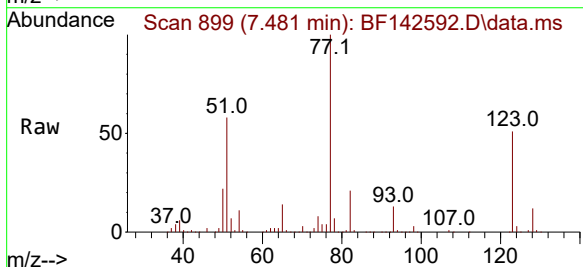
RT: 7.481 min Scan# 899

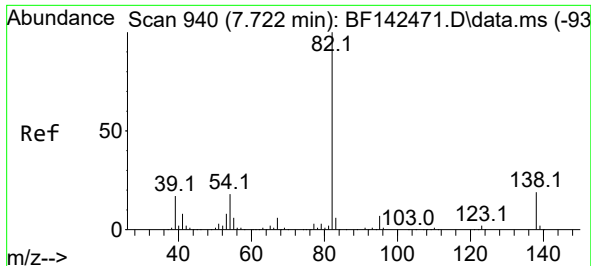
Delta R.T. -0.012 min

Lab File: BF142592.D

Acq: 02 Jun 2025 12:28

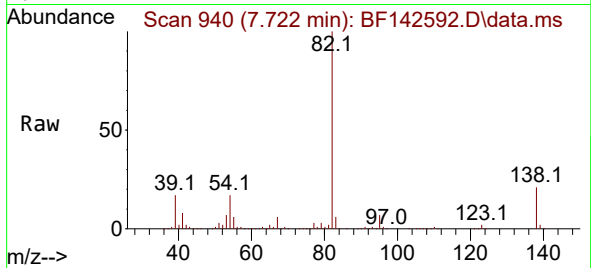
Tgt Ion: 77 Resp: 337169
 Ion Ratio Lower Upper
 77 100
 123 50.8 40.6 61.0
 65 14.2 11.4 17.2





#25
Isophorone
Concen: 42.013 ng
RT: 7.722 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

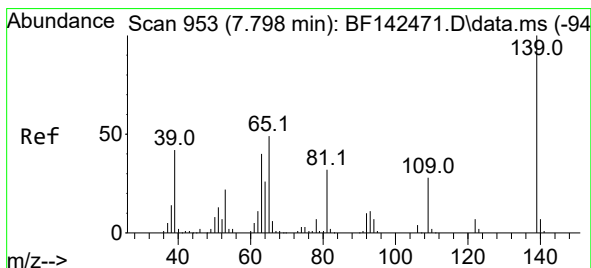
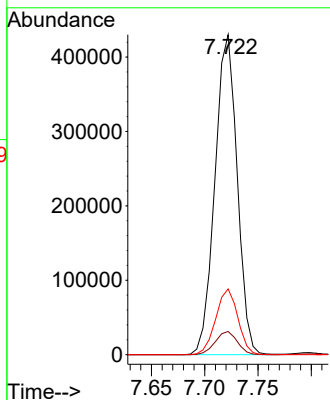
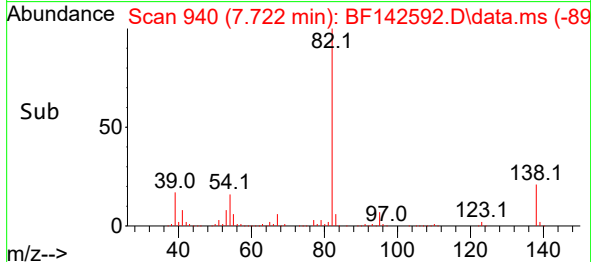
Instrument :
BNA_F
ClientSampleId :
PB168219BS



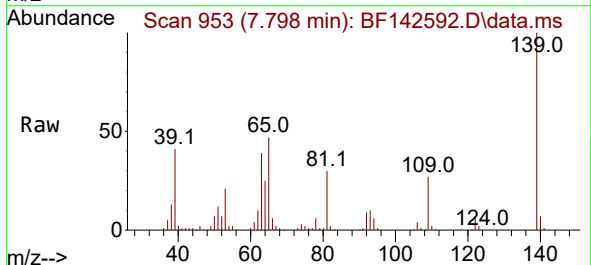
Tgt Ion: 82 Resp: 62353
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 20.6 15.5 23.3

Manual Integrations
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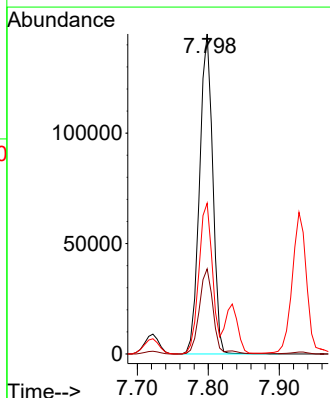
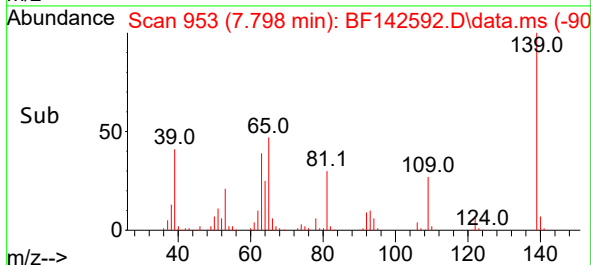
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025

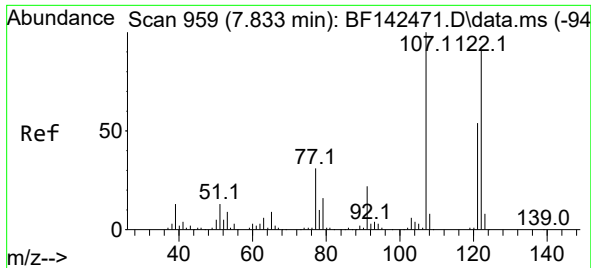


#26
2-Nitrophenol
Concen: 43.901 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28



Tgt Ion:139 Resp: 187806
Ion Ratio Lower Upper
139 100
109 26.6 22.6 33.8
65 47.1 39.4 59.0





#27
2,4-Dimethylphenol
Concen: 43.539 ng
RT: 7.834 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

Instrument :

BNA_F

ClientSampleId :

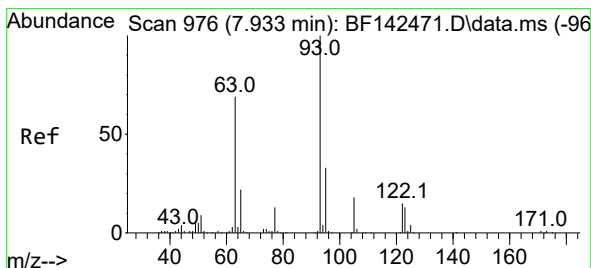
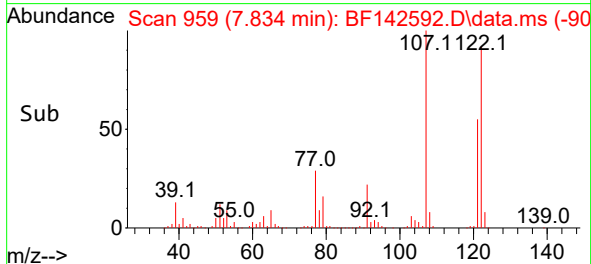
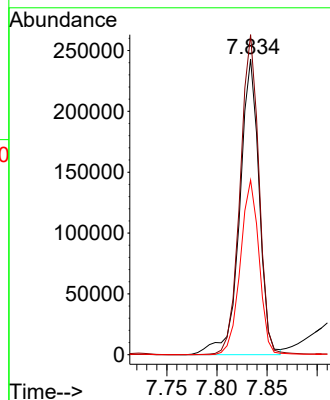
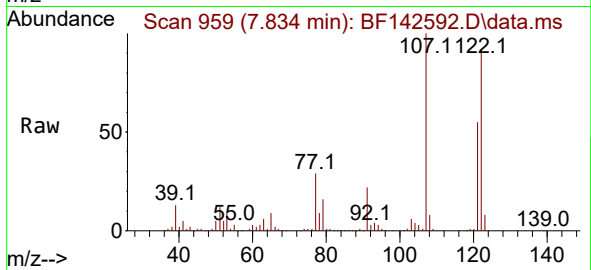
PB168219BS

Tgt Ion:122 Resp: 328468
Ion Ratio Lower Upper
122 100
107 108.2 88.1 132.1
121 59.1 47.3 70.9

Manual Integrations

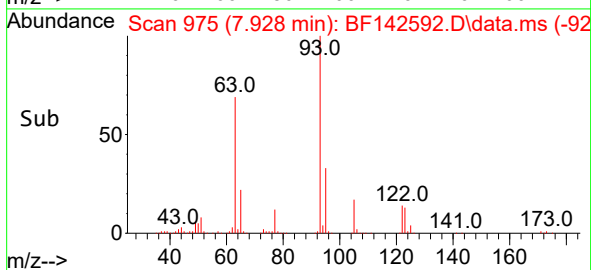
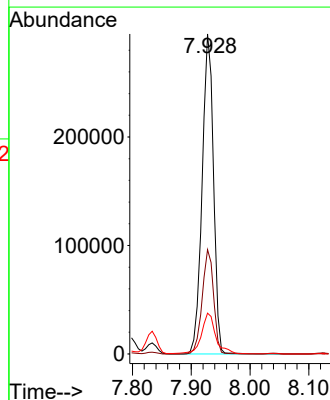
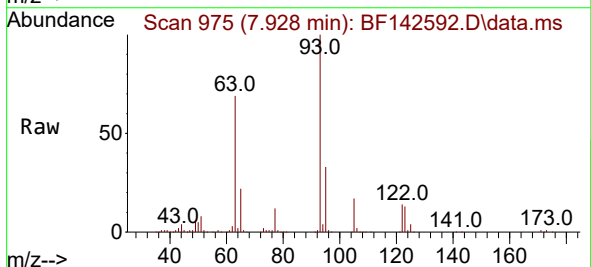
APPROVED

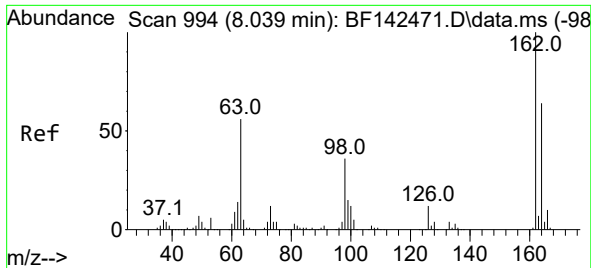
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025



#28
bis(2-Chloroethoxy)methane
Concen: 42.584 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.012 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

Tgt Ion: 93 Resp: 394805
Ion Ratio Lower Upper
93 100
95 32.6 26.4 39.6
123 12.8 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 43.690 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF142592.D

Acq: 02 Jun 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB168219BS

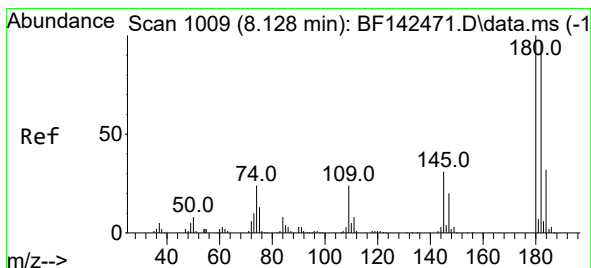
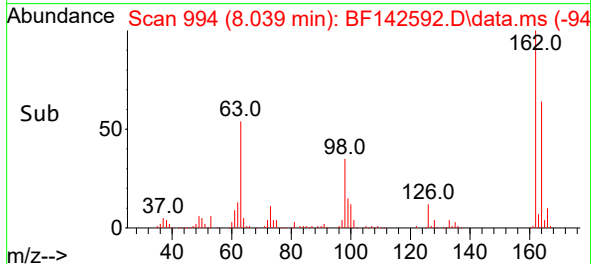
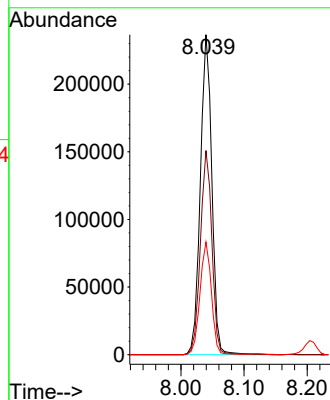
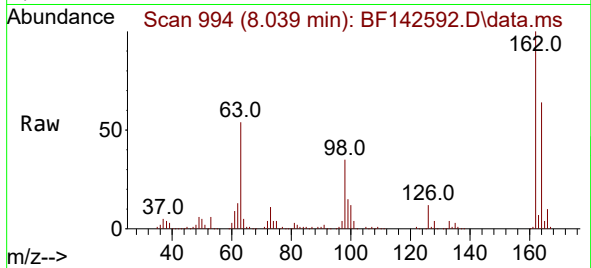
Tgt Ion:162 Resp: 29975
 Ion Ratio Lower Upper
 162 100
 164 63.8 43.7 83.7
 98 35.2 15.5 55.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#30

1,2,4-Trichlorobenzene

Concen: 42.324 ng

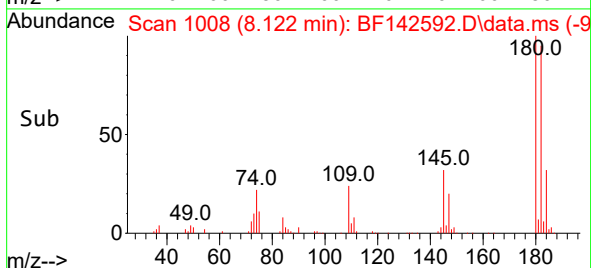
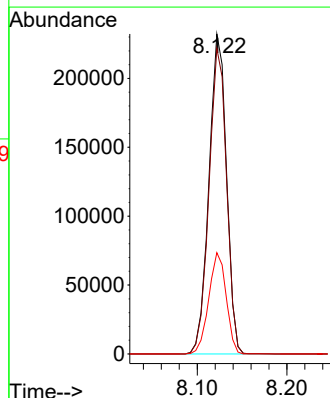
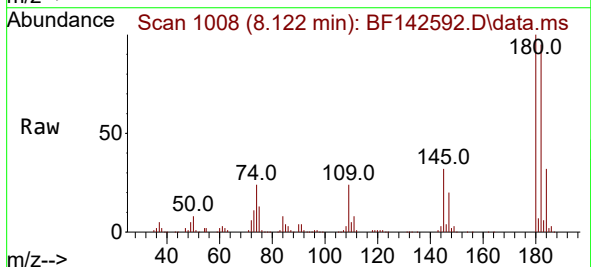
RT: 8.122 min Scan# 1008

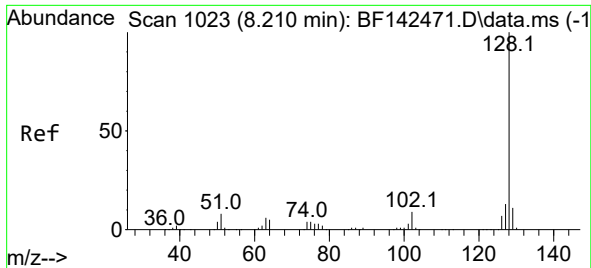
Delta R.T. -0.006 min

Lab File: BF142592.D

Acq: 02 Jun 2025 12:28

Tgt Ion:180 Resp: 315137
 Ion Ratio Lower Upper
 180 100
 182 95.5 78.0 117.0
 145 31.6 25.0 37.6





#31
Naphthalene
Concen: 42.073 ng
RT: 8.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

Instrument :

BNA_F

ClientSampleId :

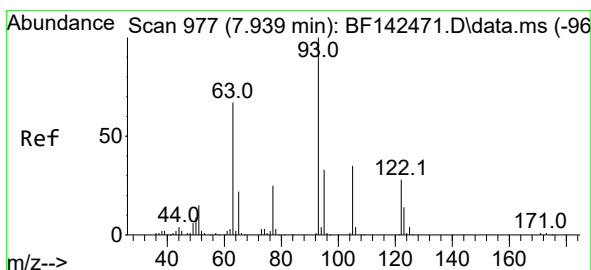
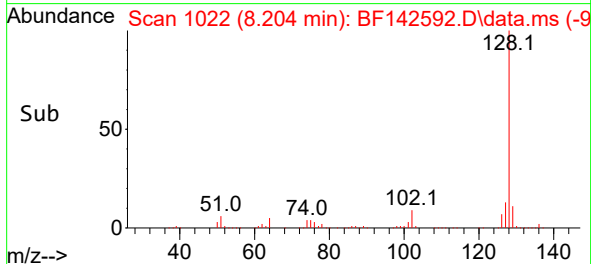
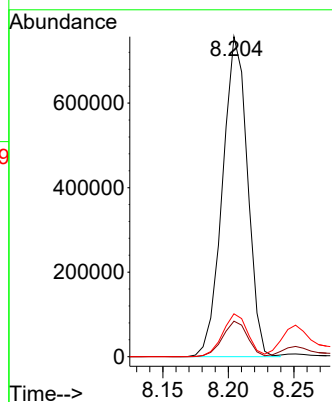
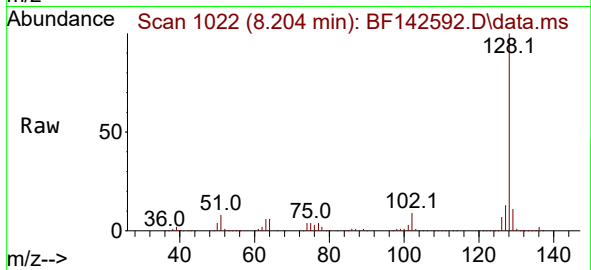
PB168219BS

Tgt Ion:128 Resp: 1002770
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.4 10.5 15.7

Manual Integrations

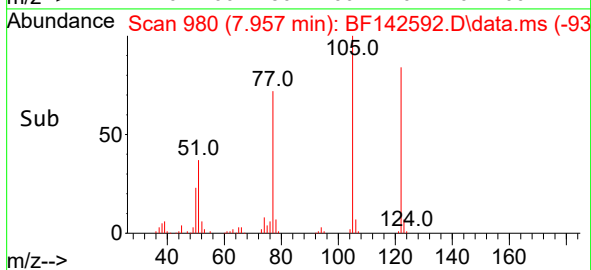
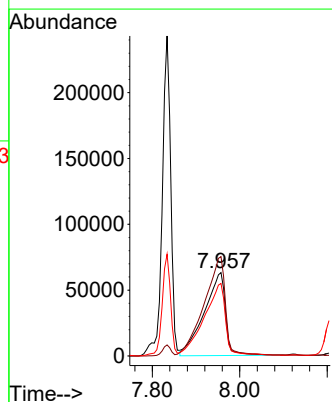
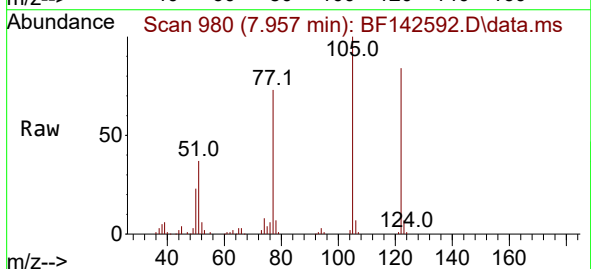
APPROVED

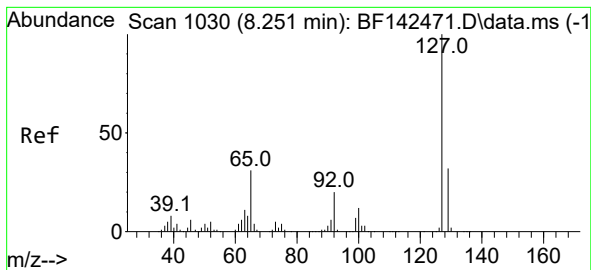
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025



#32
Benzoic acid
Concen: 46.599 ng
RT: 7.957 min Scan# 980
Delta R.T. -0.018 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

Tgt Ion:122 Resp: 213999
Ion Ratio Lower Upper
122 100
105 119.3 101.7 141.7
77 86.9 69.5 109.5





#33
4-Chloroaniline
Concen: 15.293 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB168219BS

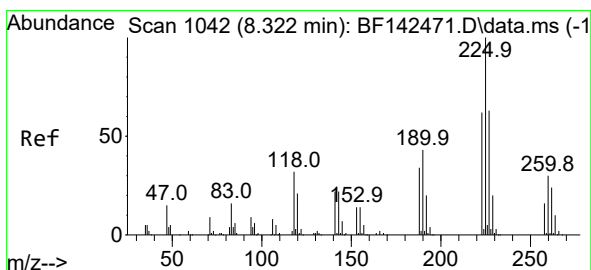
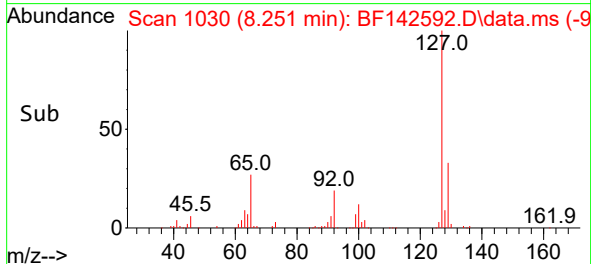
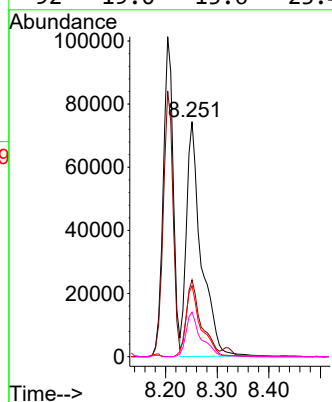
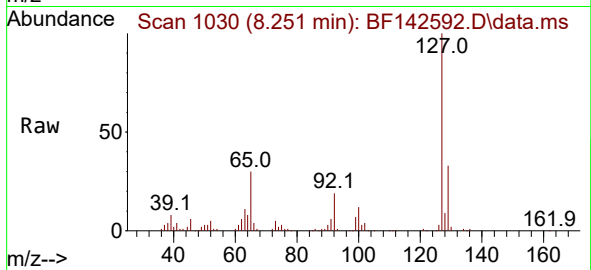
Tgt Ion:127 Resp: 147699
Ion Ratio Lower Upper
127 100
129 32.7 26.1 39.1
65 30.2 24.9 37.3
92 19.0 15.6 23.4

Manual Integrations

APPROVED

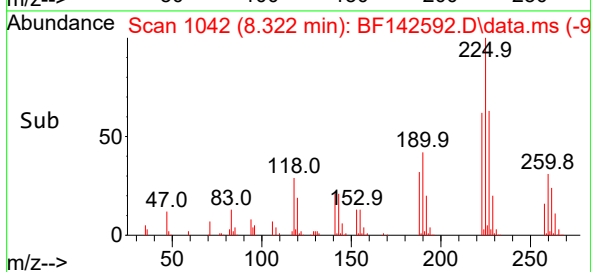
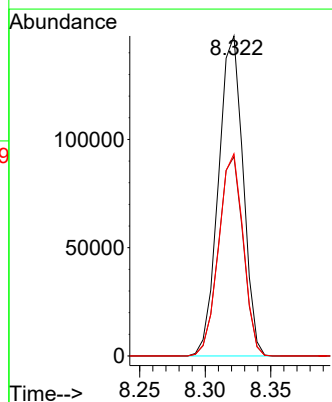
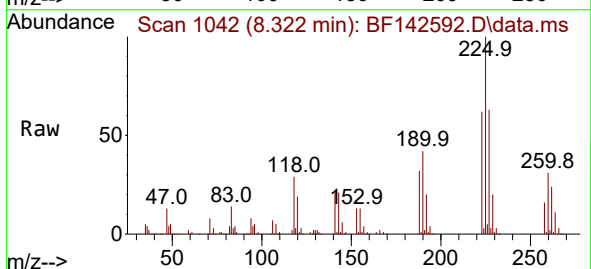
Reviewed By :Rahul Chavli 06/03/2025

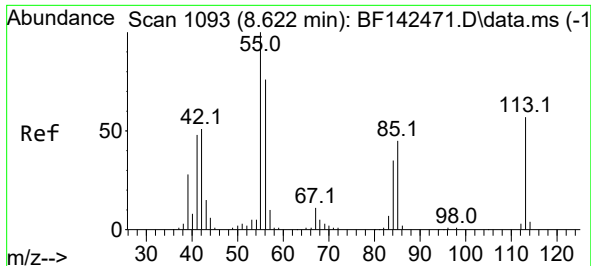
Supervised By :Jagrut Upadhyay 06/03/2025



#34
Hexachlorobutadiene
Concen: 41.455 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

Tgt Ion:225 Resp: 192731
Ion Ratio Lower Upper
225 100
223 62.3 49.7 74.5
227 63.2 50.3 75.5





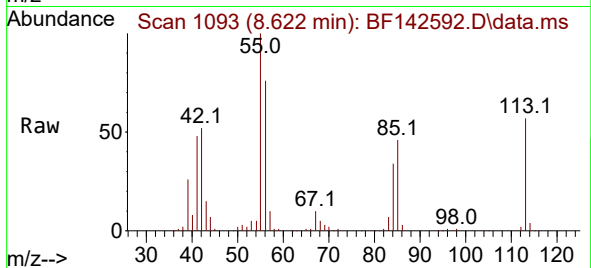
#35
 Caprolactam
 Concen: 49.760 ng m
 RT: 8.622 min Scan# 1093
 Delta R.T. -0.023 min
 Lab File: BF142592.D
 Acq: 02 Jun 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB168219BS

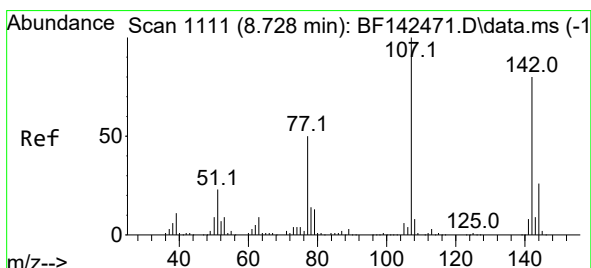
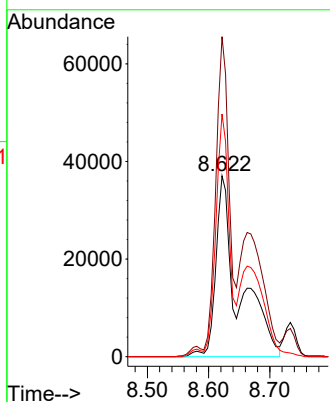
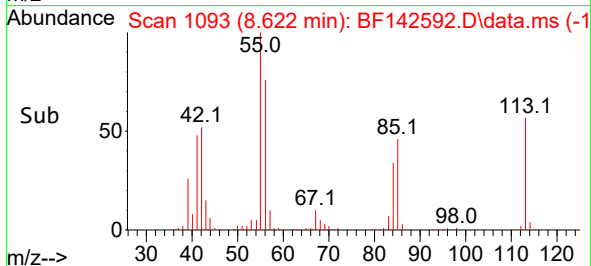


Tgt Ion:113 Resp: 9588
 Ion Ratio Lower Upper
 113 100
 55 176.9 154.7 194.7
 56 134.2 113.2 153.2

Manual Integrations

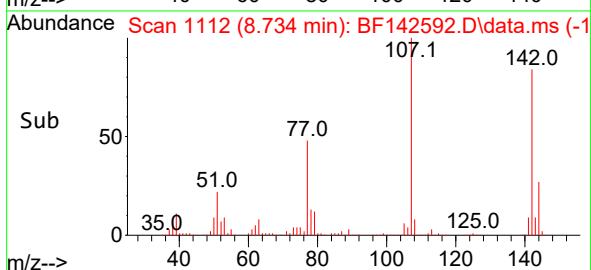
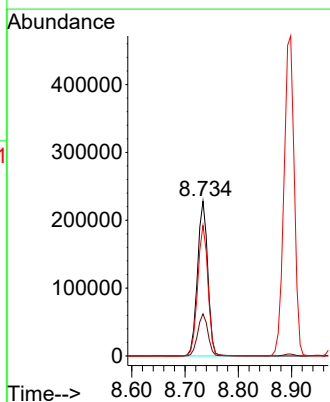
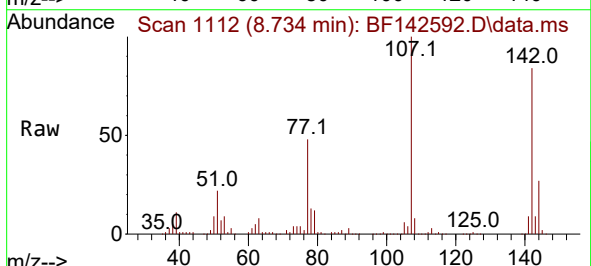
APPROVED

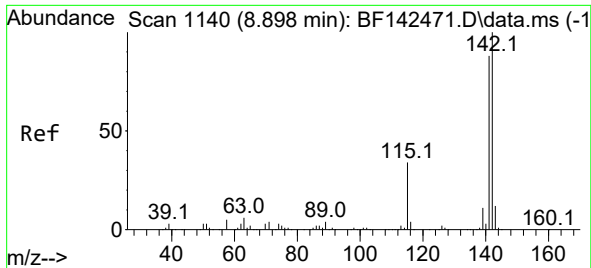
Reviewed By :Rahul Chavli 06/03/2025
 Supervised By :Jagrut Upadhyay 06/03/2025



#36
 4-Chloro-3-methylphenol
 Concen: 43.515 ng
 RT: 8.734 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF142592.D
 Acq: 02 Jun 2025 12:28

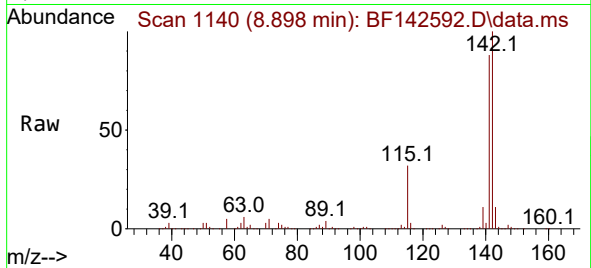
Tgt Ion:107 Resp: 305966
 Ion Ratio Lower Upper
 107 100
 144 27.2 20.9 31.3
 142 84.5 64.2 96.2





#37
2-Methylnaphthalene
Concen: 42.018 ng
RT: 8.898 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

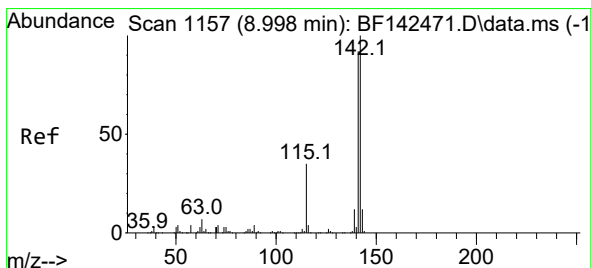
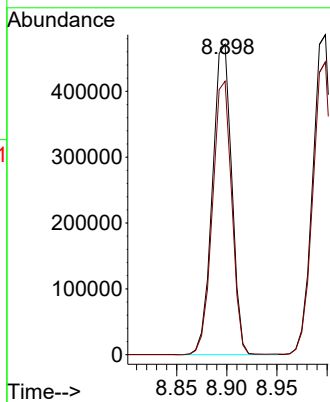
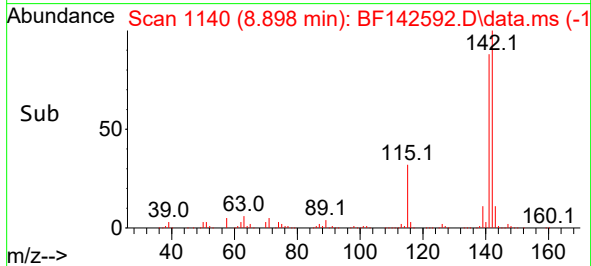
Instrument :
BNA_F
ClientSampleId :
PB168219BS



Tgt Ion:142 Resp: 630030
Ion Ratio Lower Upper
142 100
141 88.1 70.7 106.1

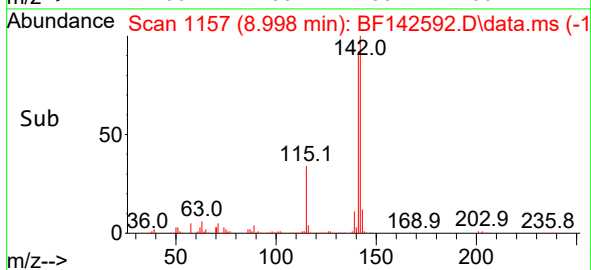
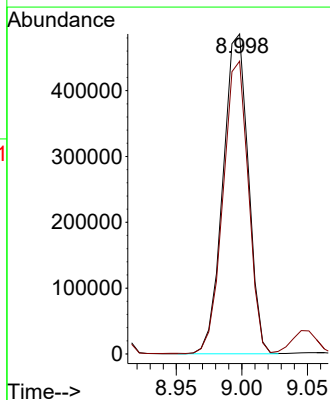
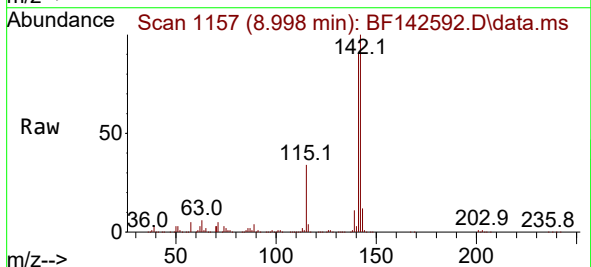
Manual Integrations
APPROVED

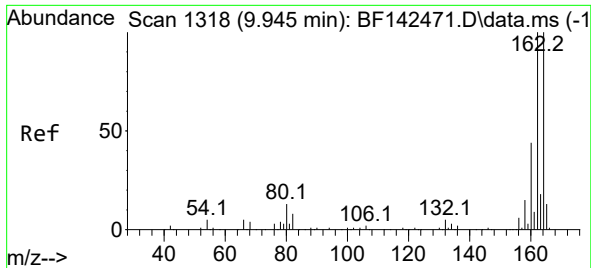
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025



#38
1-Methylnaphthalene
Concen: 42.182 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

Tgt Ion:142 Resp: 654235
Ion Ratio Lower Upper
142 100
141 91.5 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF142592.D

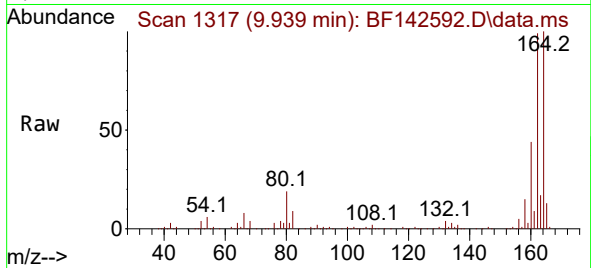
Acq: 02 Jun 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB168219BS



Tgt Ion:164 Resp: 269550

Ion Ratio Lower Upper

164 100

162 99.2 80.2 120.4

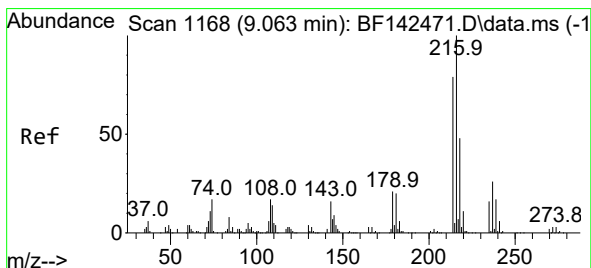
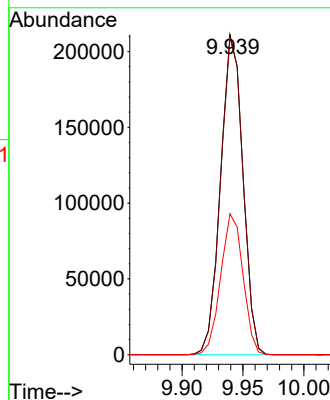
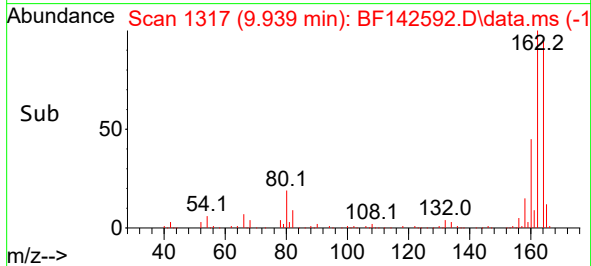
160 44.1 35.6 53.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.139 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142592.D

Acq: 02 Jun 2025 12:28

Tgt Ion:216 Resp: 318323

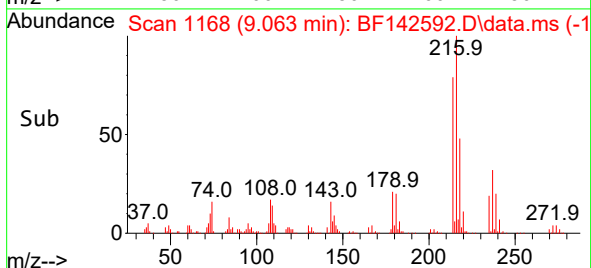
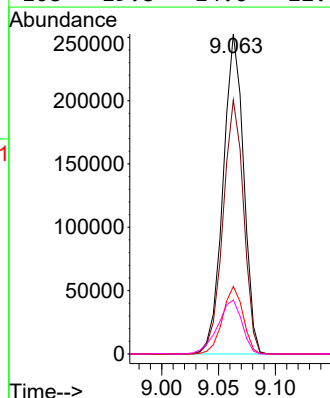
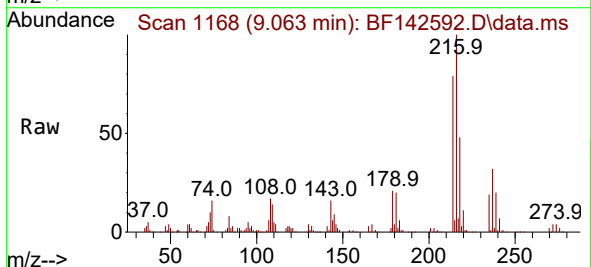
Ion Ratio Lower Upper

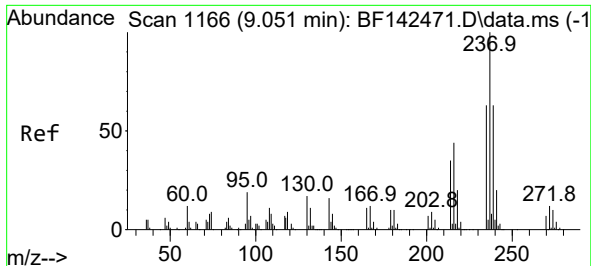
216 100

214 79.2 62.9 94.3

179 21.0 16.9 25.3

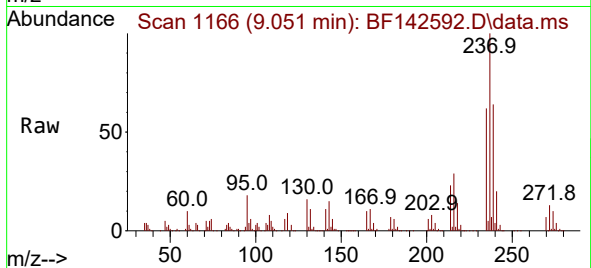
108 19.8 14.6 22.0





#41
Hexachlorocyclopentadiene
Concen: 80.655 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

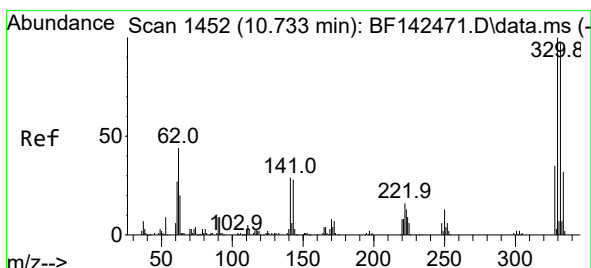
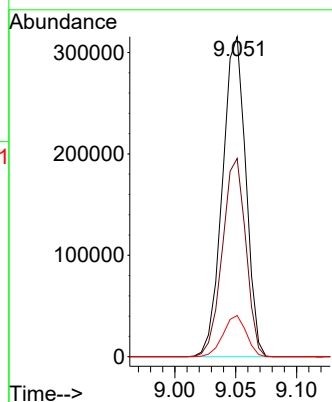
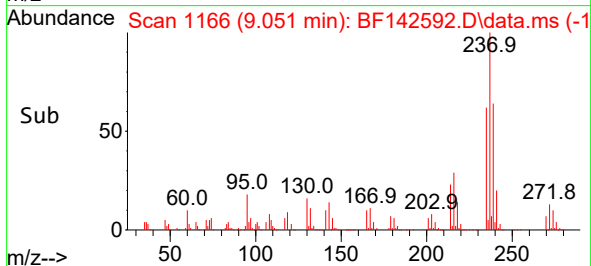
Instrument :
BNA_F
ClientSampleId :
PB168219BS



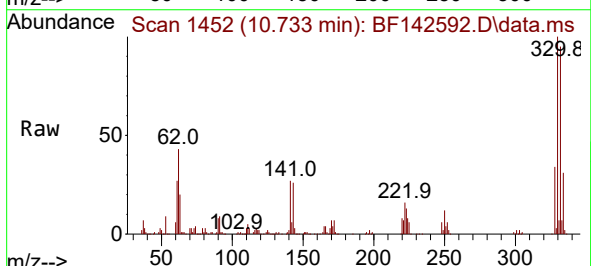
Tgt Ion: 237 Resp: 421000
Ion Ratio Lower Upper
237 100
235 62.0 43.3 83.3
272 12.9 0.0 32.4

Manual Integrations
APPROVED

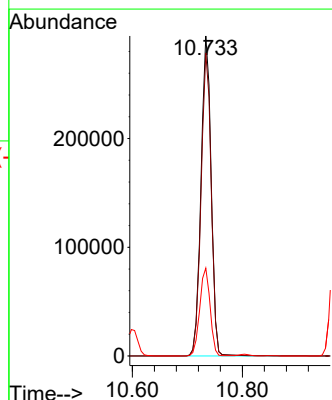
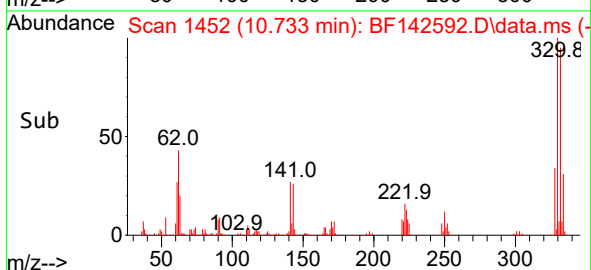
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025

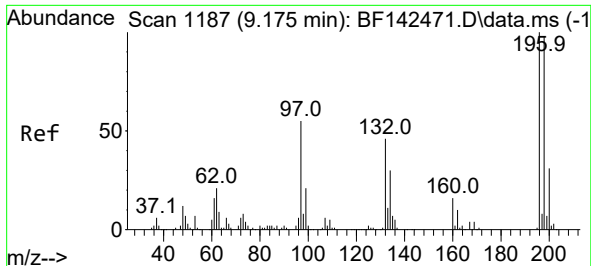


#42
2,4,6-Tribromophenol
Concen: 126.222 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28



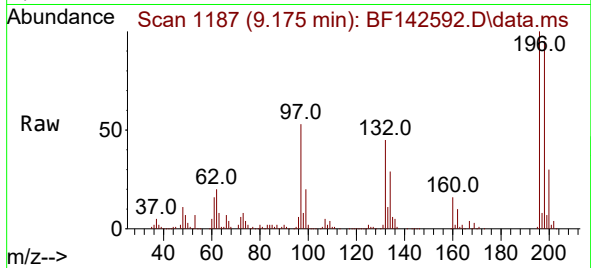
Tgt Ion: 330 Resp: 377621
Ion Ratio Lower Upper
330 100
332 94.9 77.6 116.4
141 28.1 24.6 36.8





#43
2,4,6-Trichlorophenol
Concen: 42.668 ng
RT: 9.175 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

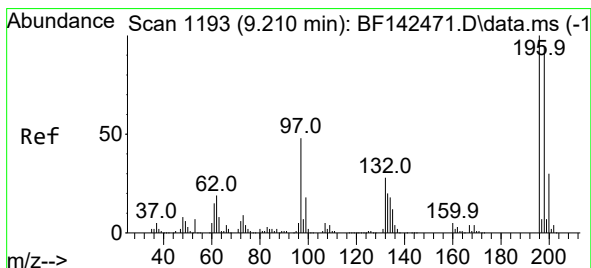
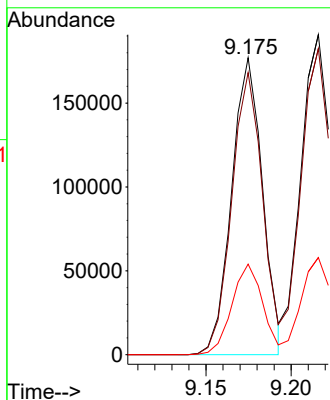
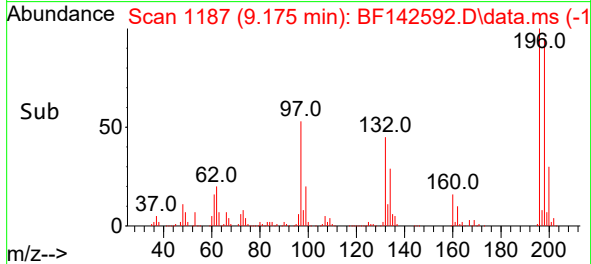
Instrument :
BNA_F
ClientSampleId :
PB168219BS



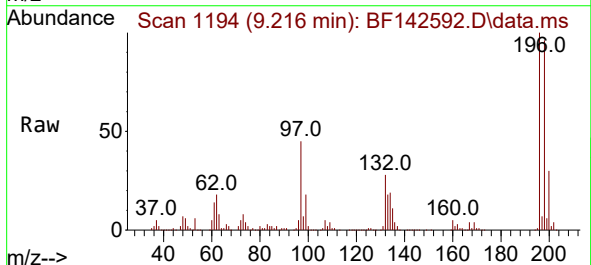
Tgt Ion:196 Resp: 222630
Ion Ratio Lower Upper
196 100
198 95.0 78.8 118.2
200 30.5 24.9 37.3

Manual Integrations
APPROVED

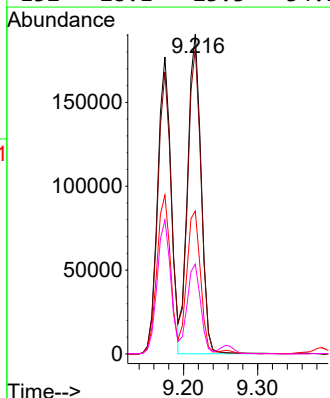
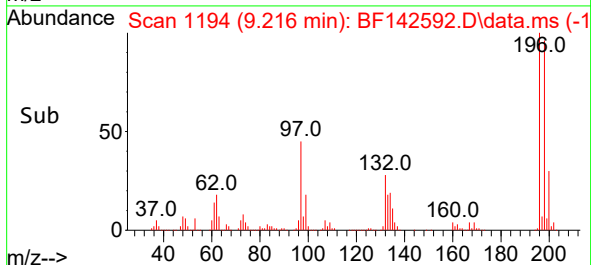
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025

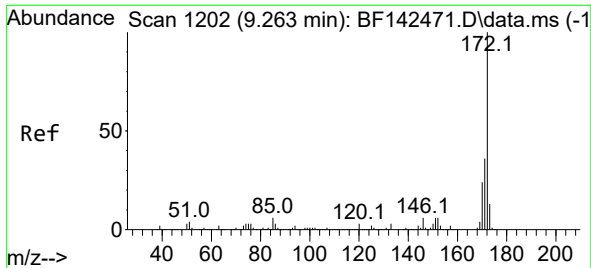


#44
2,4,5-Trichlorophenol
Concen: 43.726 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28



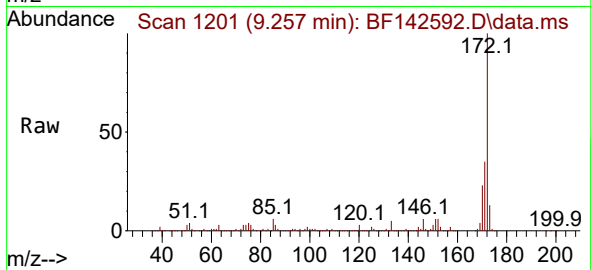
Tgt Ion:196 Resp: 240616
Ion Ratio Lower Upper
196 100
198 95.7 75.5 113.3
97 44.6 39.3 58.9
132 28.1 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 70.958 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

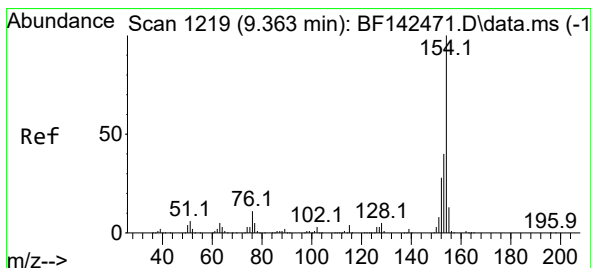
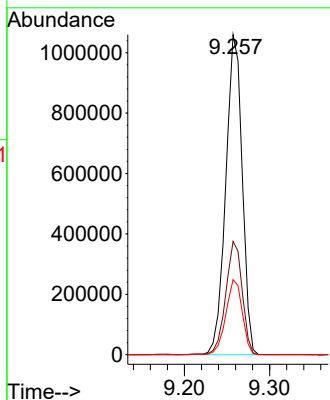
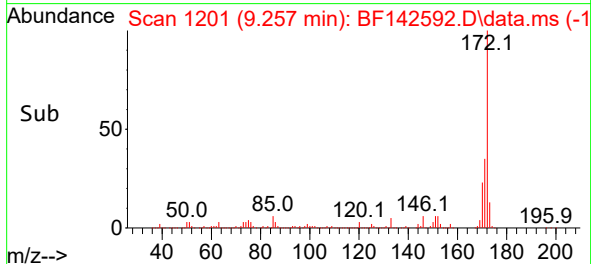
Instrument :
BNA_F
ClientSampleId :
PB168219BS



Tgt Ion:172 Resp: 142541
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.5 18.9 28.3

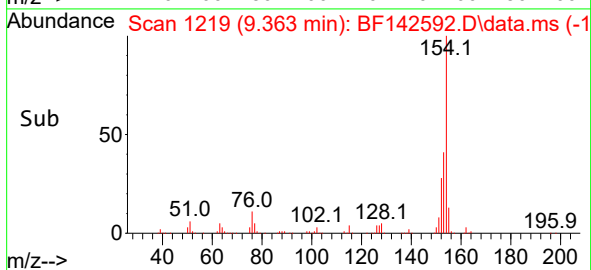
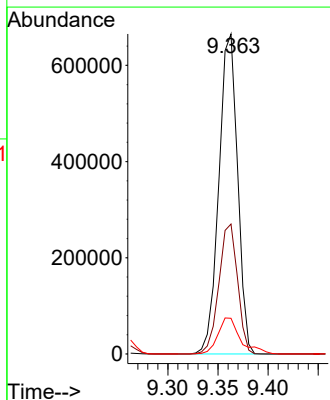
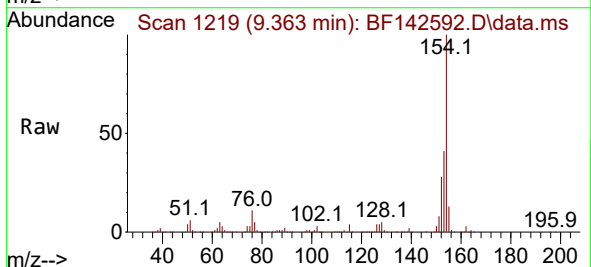
Manual Integrations
APPROVED

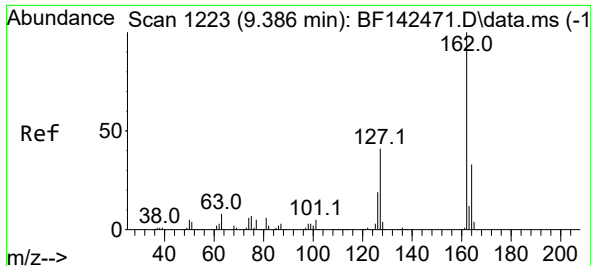
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025



#46
1,1'-Biphenyl
Concen: 41.147 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

Tgt Ion:154 Resp: 860487
Ion Ratio Lower Upper
154 100
153 40.6 20.4 60.4
76 11.2 0.0 30.8





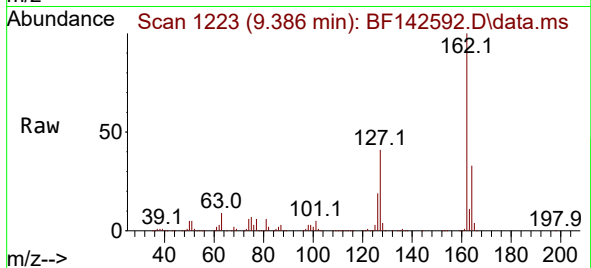
#47
2-Chloronaphthalene
Concen: 41.462 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB168219BS



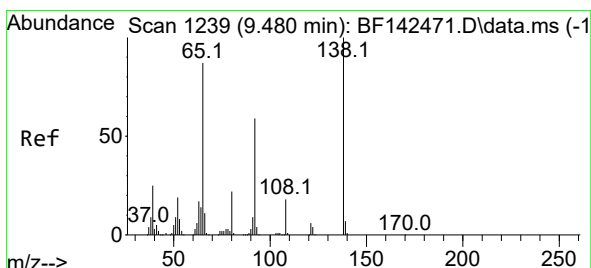
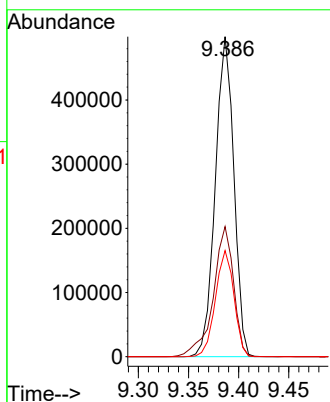
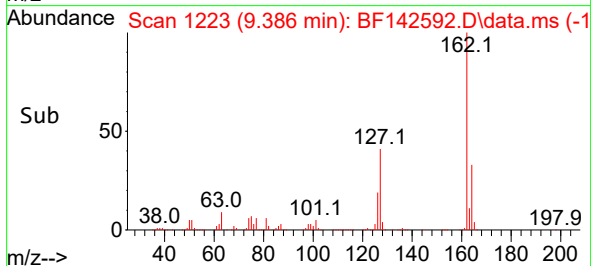
Tgt Ion:162 Resp: 64063
Ion Ratio Lower Upper
162 100
127 40.7 33.5 50.3
164 33.2 26.1 39.1

Manual Integrations

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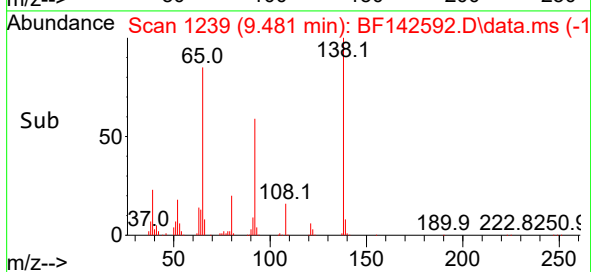
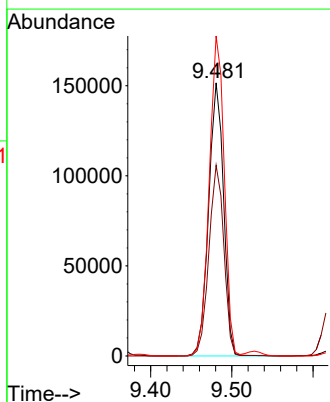
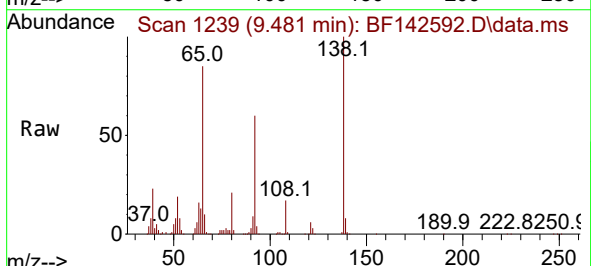
Reviewed By :Rahul Chavli 06/03/2025

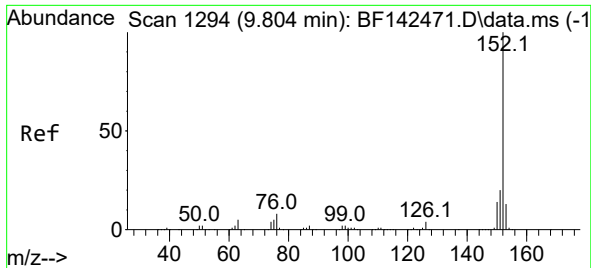
Supervised By :Jagrut Upadhyay 06/03/2025



#48
2-Nitroaniline
Concen: 43.413 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.005 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

Tgt Ion: 65 Resp: 193882
Ion Ratio Lower Upper
65 100
92 69.9 54.4 81.6
138 117.2 91.4 137.2





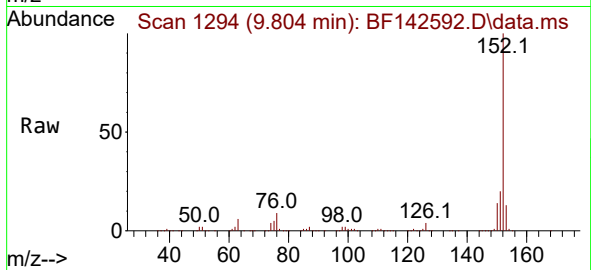
#49
Acenaphthylene
Concen: 41.558 ng
RT: 9.804 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB168219BS



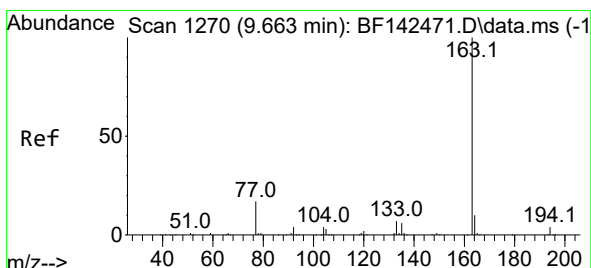
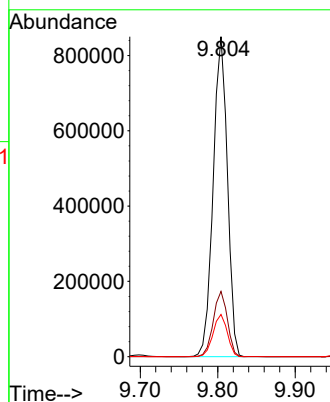
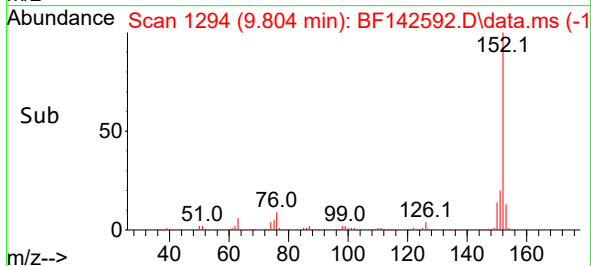
Tgt Ion:152 Resp: 1084254
Ion Ratio Lower Upper
152 100
151 20.4 15.8 23.8
153 13.2 10.6 15.8

Manual Integrations

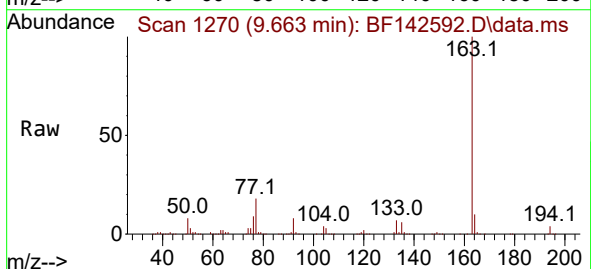
APPROVED

Reviewed By :Rahul Chavli 06/03/2025

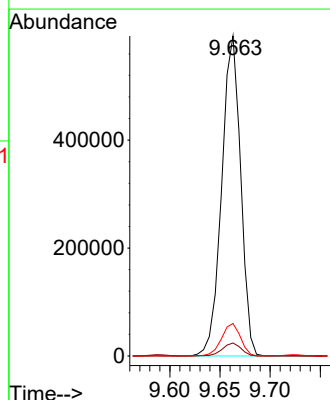
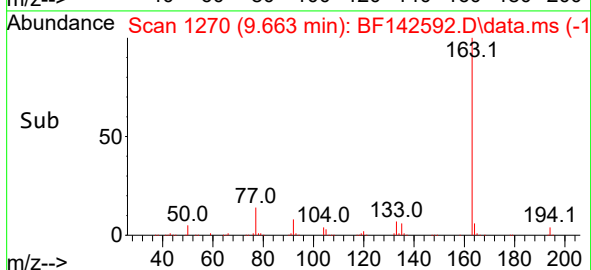
Supervised By :Jagrut Upadhyay 06/03/2025

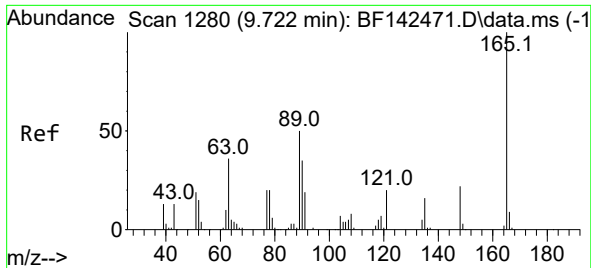


#50
Dimethylphthalate
Concen: 43.692 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28



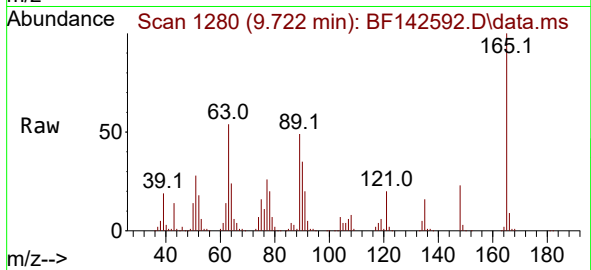
Tgt Ion:163 Resp: 777119
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.1 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 45.238 ng
RT: 9.722 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

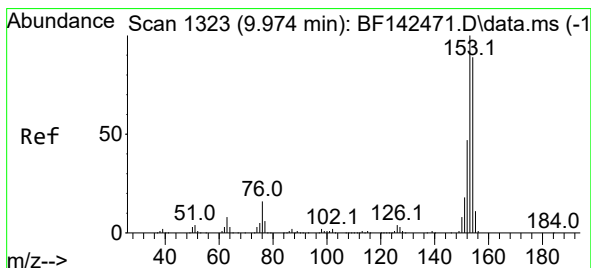
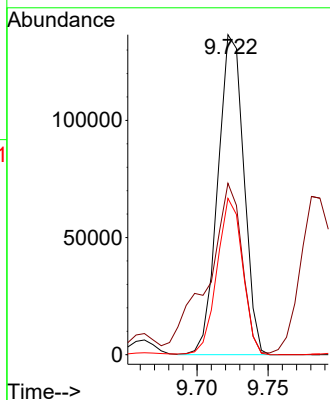
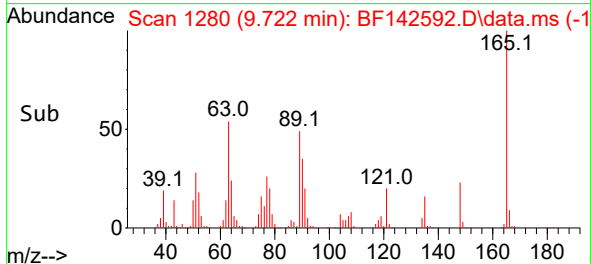
Instrument :
BNA_F
ClientSampleId :
PB168219BS



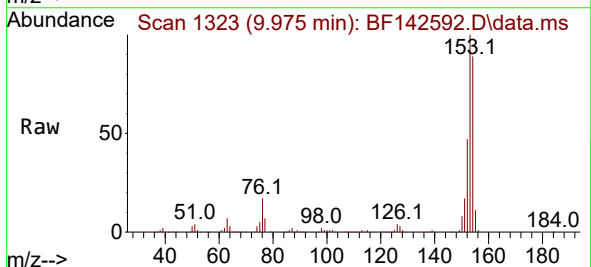
Tgt Ion:165 Resp: 173662
Ion Ratio Lower Upper
165 100
63 53.5 42.9 64.3
89 48.8 40.2 60.4

Manual Integrations
APPROVED

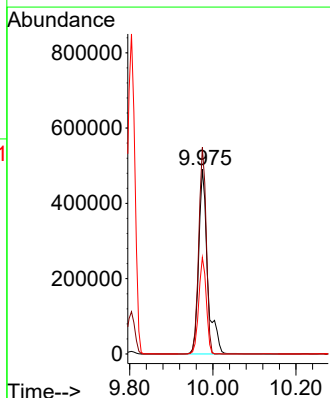
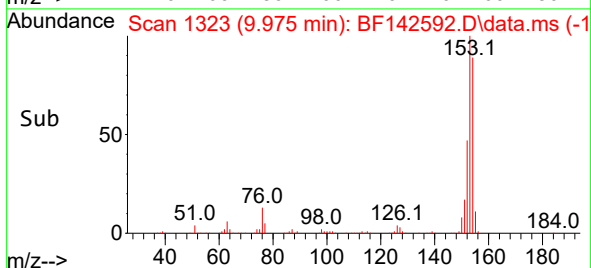
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025

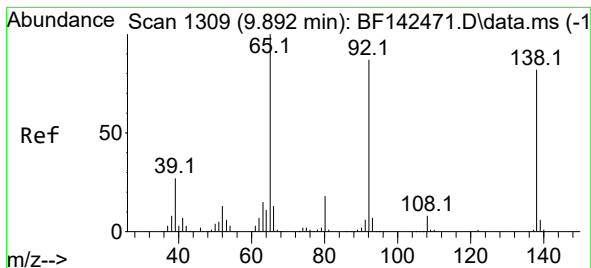


#52
Acenaphthene
Concen: 46.159 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28



Tgt Ion:154 Resp: 735378
Ion Ratio Lower Upper
154 100
153 111.9 90.0 135.0
152 52.3 42.6 64.0





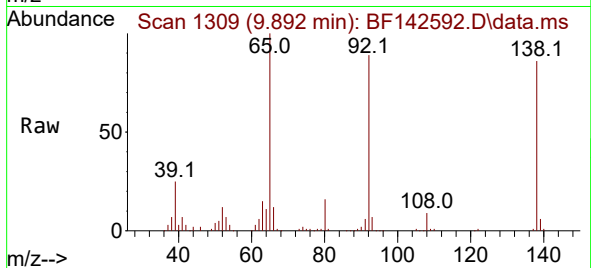
#53
3-Nitroaniline
Concen: 22.700 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB168219BS



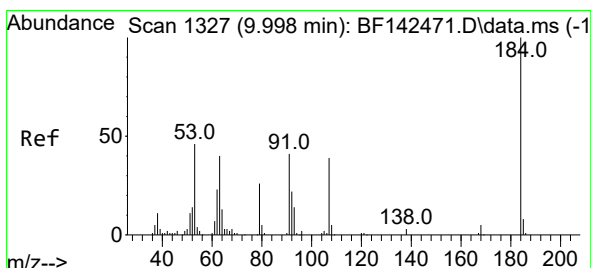
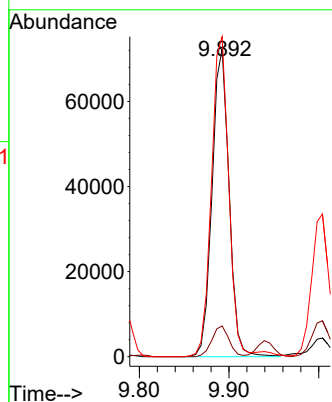
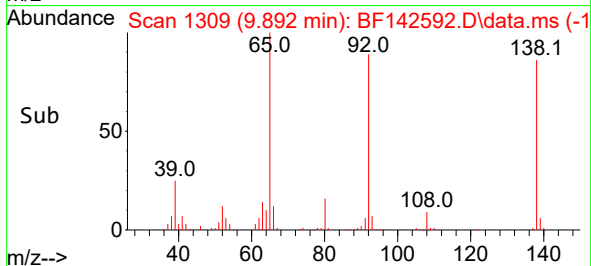
Tgt Ion:138 Resp: 95180
Ion Ratio Lower Upper
138 100
108 10.0 8.1 12.1
92 104.0 85.2 127.8

Manual Integrations

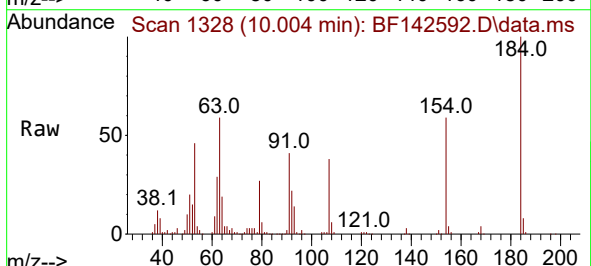
APPROVED

Reviewed By :Rahul Chavli 06/03/2025

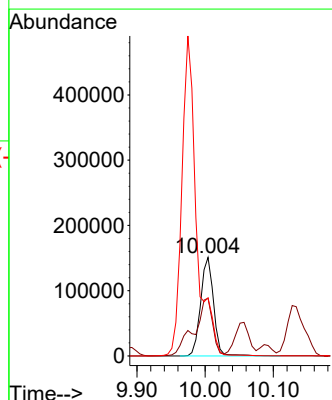
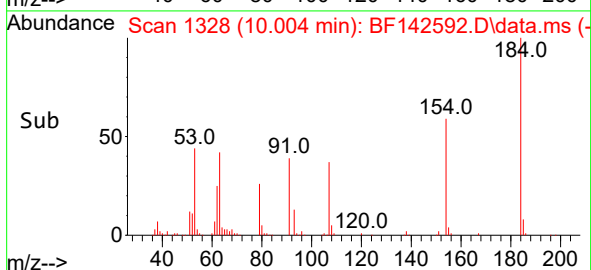
Supervised By :Jagrut Upadhyay 06/03/2025

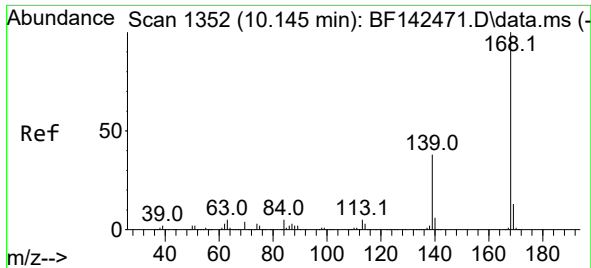


#54
2,4-Dinitrophenol
Concen: 100.306 ng
RT: 10.004 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28



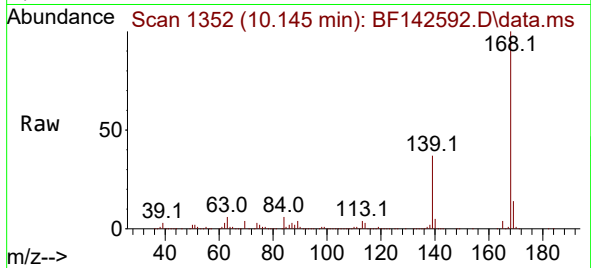
Tgt Ion:184 Resp: 198936
Ion Ratio Lower Upper
184 100
63 58.6 46.3 69.5
154 59.0 56.8 85.2





#55
Dibenzenofuran
Concen: 41.680 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

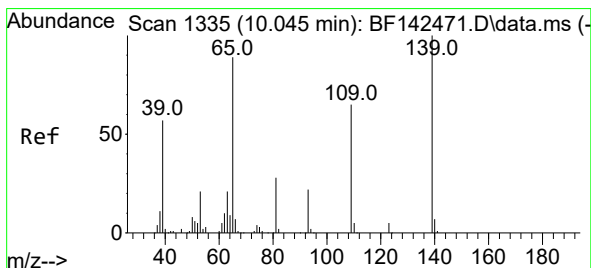
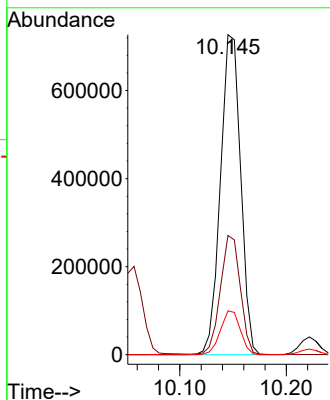
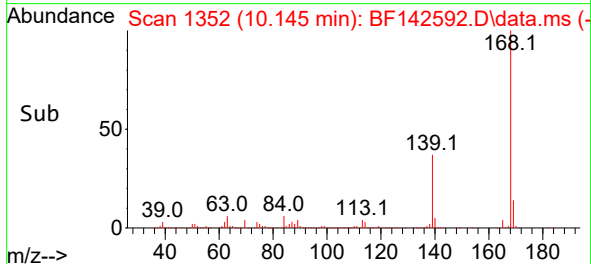
Instrument :
BNA_F
ClientSampleId :
PB168219BS



Tgt Ion:168 Resp: 955548
Ion Ratio Lower Upper
168 100
139 37.3 30.2 45.2
169 13.7 10.7 16.1

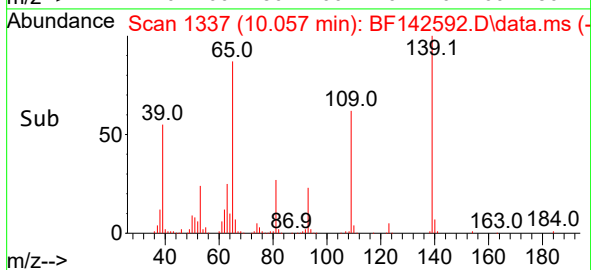
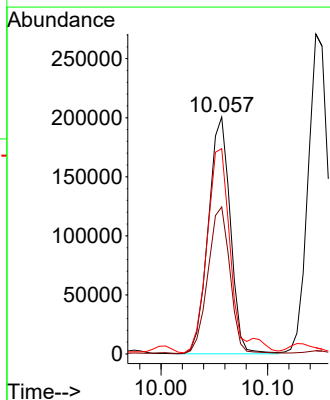
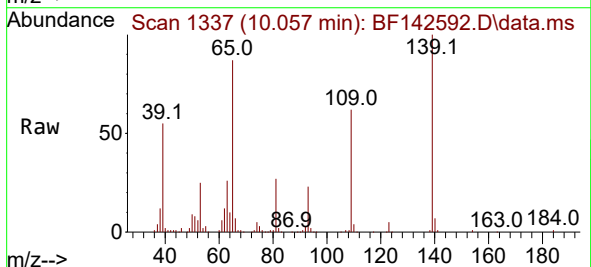
Manual Integrations
APPROVED

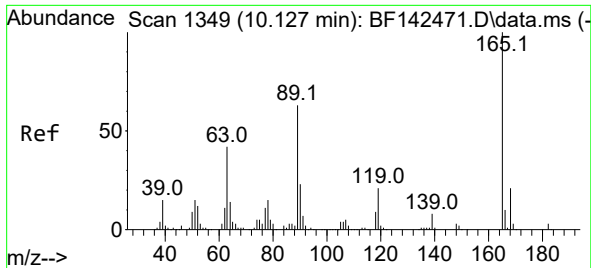
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025



#56
4-Nitrophenol
Concen: 92.784 ng
RT: 10.057 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

Tgt Ion:139 Resp: 287048
Ion Ratio Lower Upper
139 100
109 62.1 45.1 85.1
65 86.7 69.7 109.7





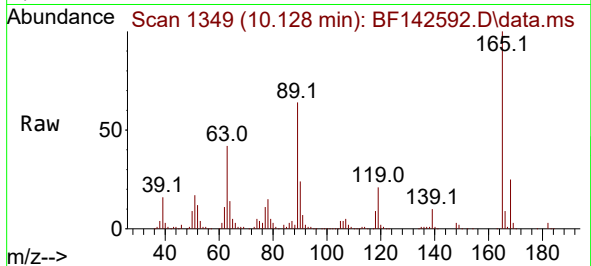
#57
2,4-Dinitrotoluene
Concen: 47.746 ng
RT: 10.128 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB168219BS



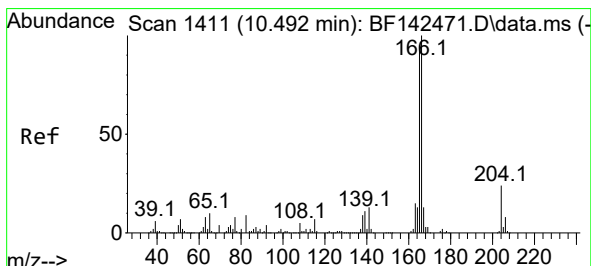
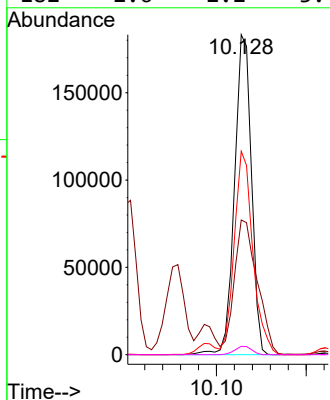
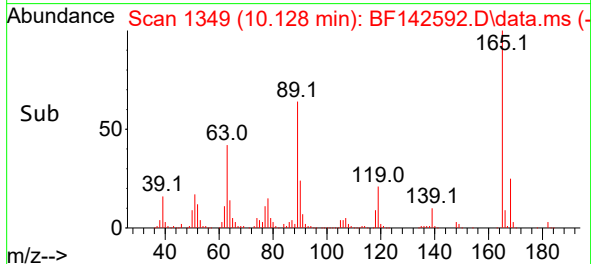
Tgt Ion:165 Resp: 239370
Ion Ratio Lower Upper
165 100
63 42.1 33.6 50.4
89 63.5 50.2 75.4
182 2.6 2.2 3.4

Manual Integrations

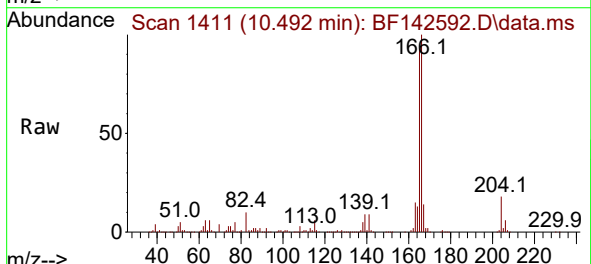
APPROVED

Reviewed By :Rahul Chavli 06/03/2025

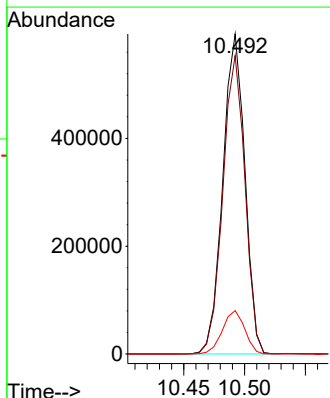
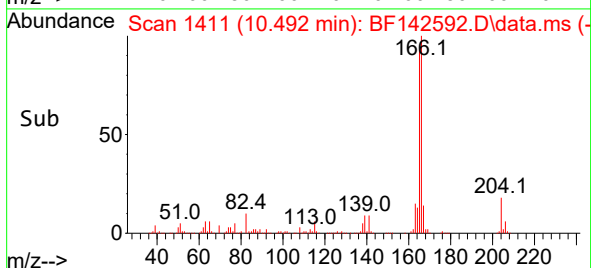
Supervised By :Jagrut Upadhyay 06/03/2025

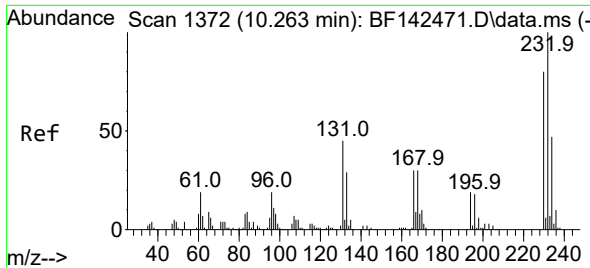


#58
Fluorene
Concen: 42.268 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28



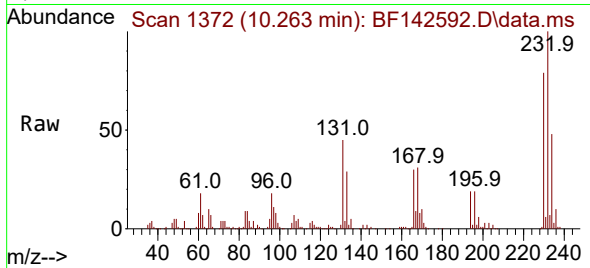
Tgt Ion:166 Resp: 748620
Ion Ratio Lower Upper
166 100
165 93.3 75.8 113.8
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.923 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

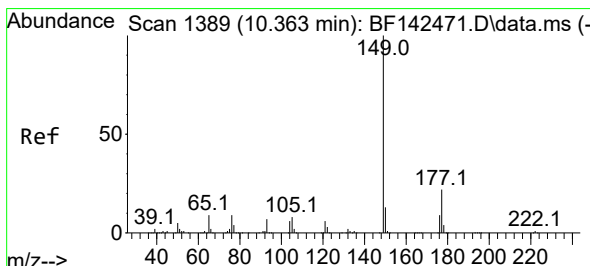
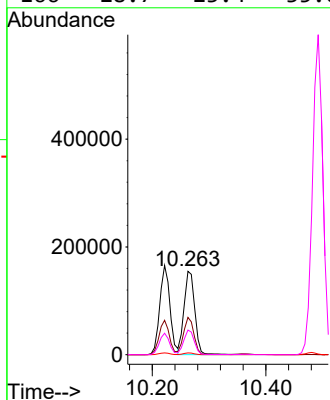
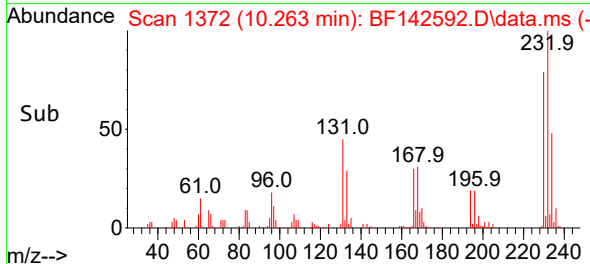
Instrument :
BNA_F
ClientSampleId :
PB168219BS



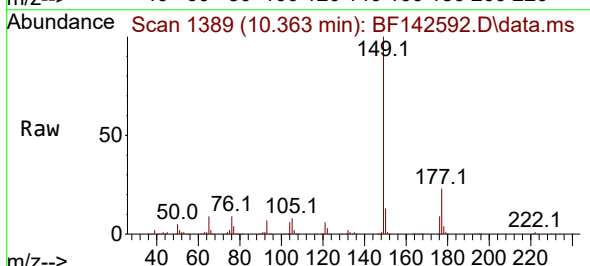
Tgt Ion:232 Resp: 201778
Ion Ratio Lower Upper
232 100
131 44.0 35.2 52.8
130 2.1 1.7 2.5
166 28.7 23.4 35.0

Manual Integrations
APPROVED

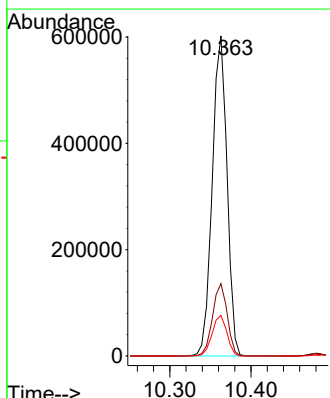
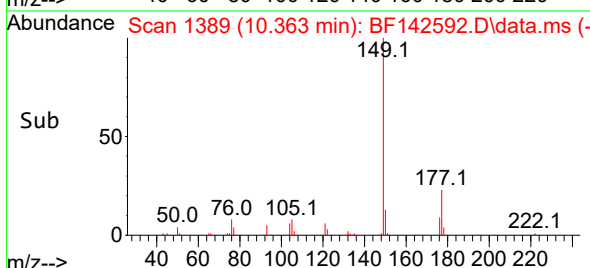
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025

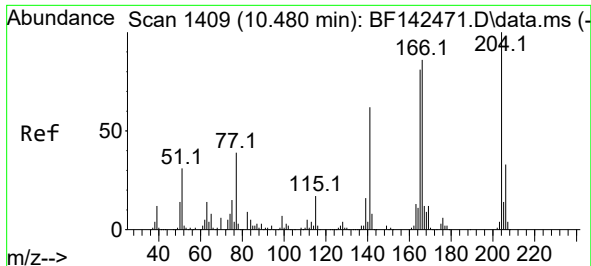


#60
Diethylphthalate
Concen: 43.740 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28



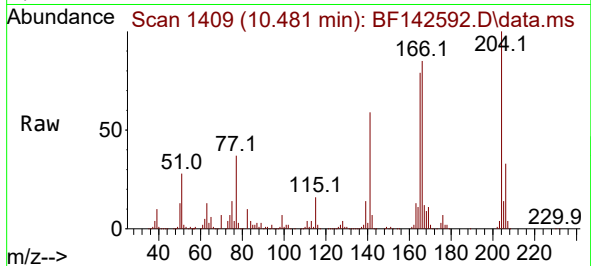
Tgt Ion:149 Resp: 759799
Ion Ratio Lower Upper
149 100
177 22.6 17.6 26.4
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 41.981 ng
RT: 10.481 min Scan# 1409
Delta R.T. -0.005 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

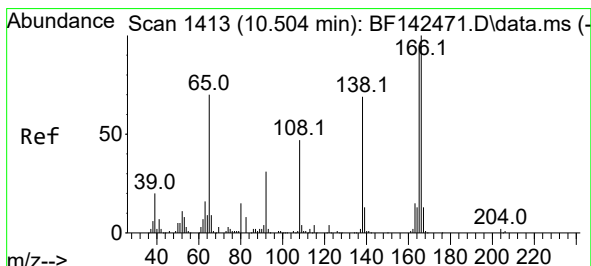
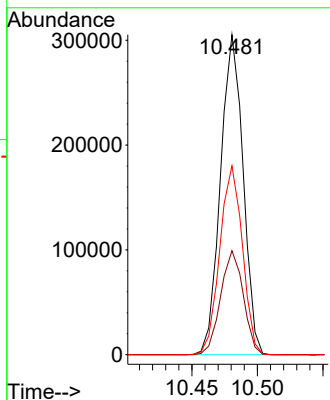
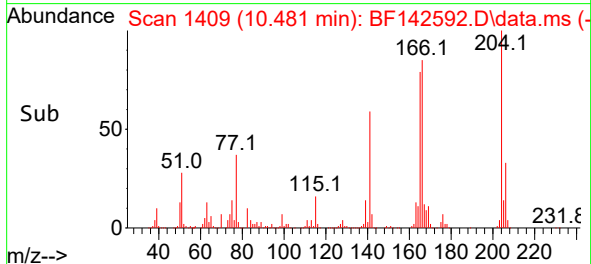
Instrument :
BNA_F
ClientSampleId :
PB168219BS



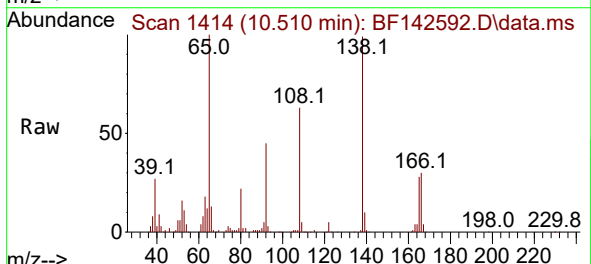
Tgt Ion:204 Resp: 36525
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 59.0 49.5 74.3

Manual Integrations
APPROVED

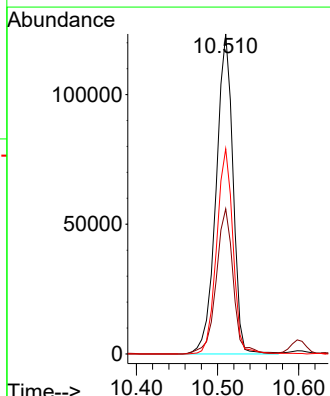
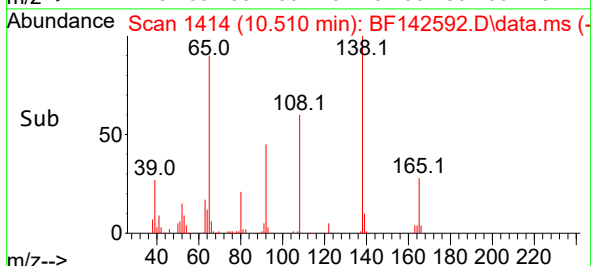
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025

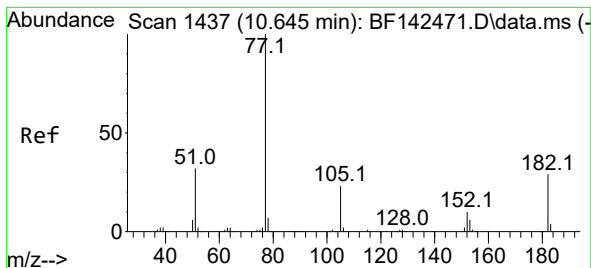


#62
4-Nitroaniline
Concen: 47.025 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28



Tgt Ion:138 Resp: 178824
Ion Ratio Lower Upper
138 100
92 45.4 26.0 66.0
108 64.1 48.4 88.4





#63

Azobenzene

Concen: 42.920 ng

RT: 10.639 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF142592.D

Acq: 02 Jun 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB168219BS

Tgt Ion: 77 Resp: 66964

Ion Ratio Lower Upper

77 100

182 27.8 9.0 49.0

105 22.6 2.4 42.4

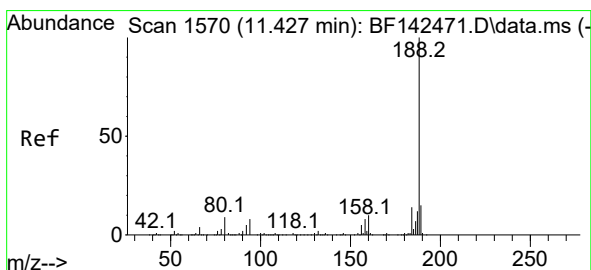
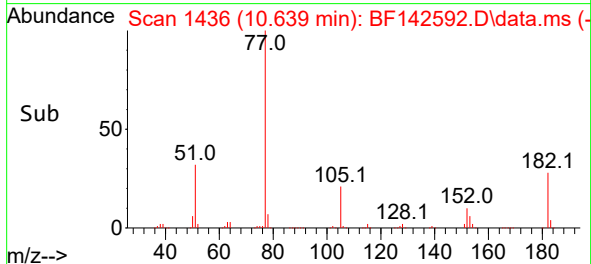
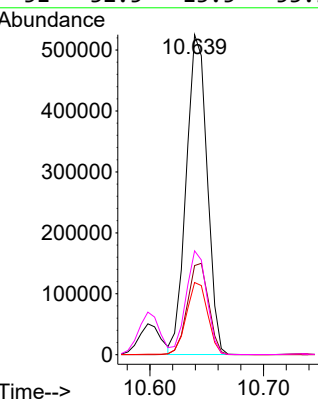
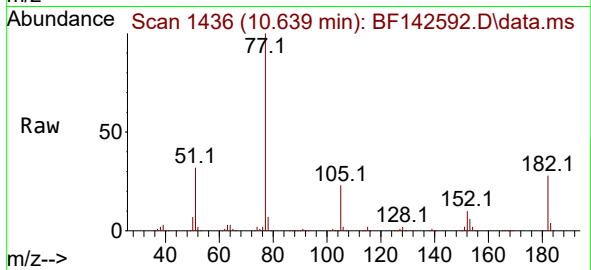
51 32.5 13.5 53.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF142592.D

Acq: 02 Jun 2025 12:28

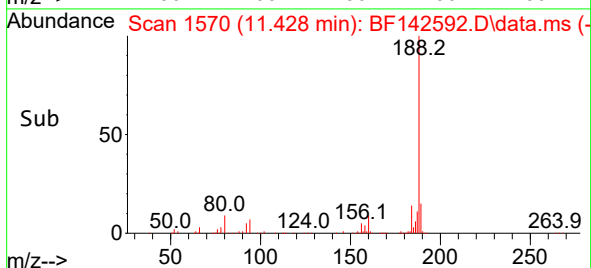
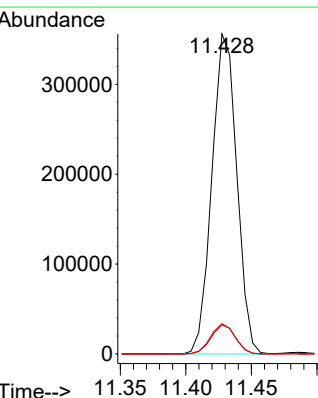
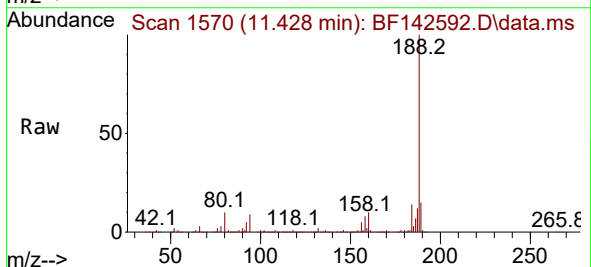
Tgt Ion:188 Resp: 469369

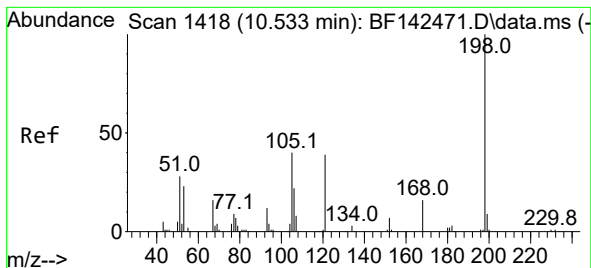
Ion Ratio Lower Upper

188 100

94 9.2 6.6 10.0

80 9.5 7.4 11.0





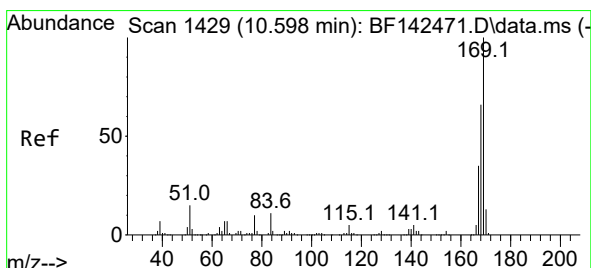
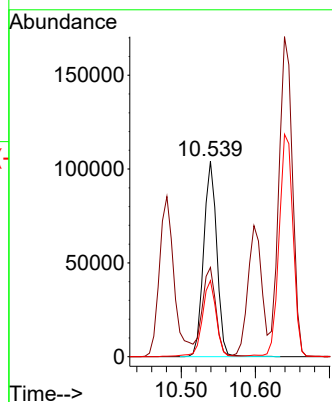
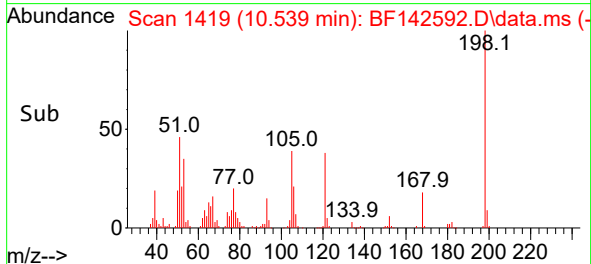
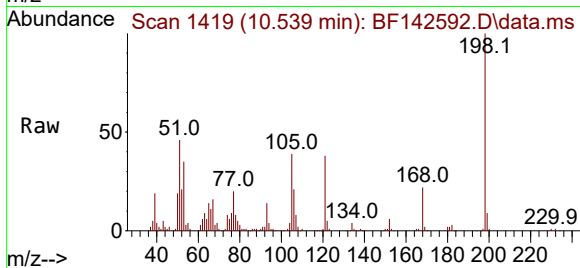
#65
4,6-Dinitro-2-methylphenol
Concen: 49.106 ng
RT: 10.539 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB168219BS

Tgt Ion:198 Resp: 128630
Ion Ratio Lower Upper
198 100
51 45.7 28.3 68.3
105 38.9 21.3 61.3

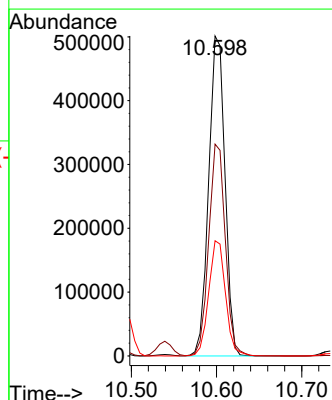
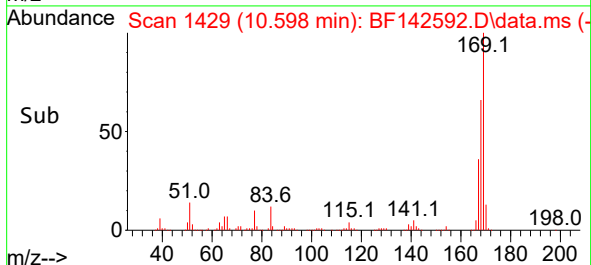
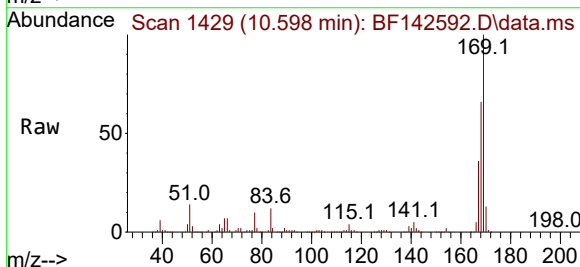
Manual Integrations
APPROVED

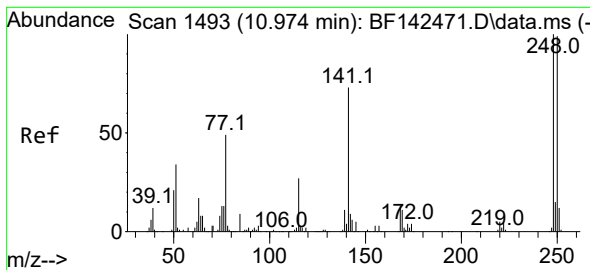
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025



#66
n-Nitrosodiphenylamine
Concen: 41.424 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

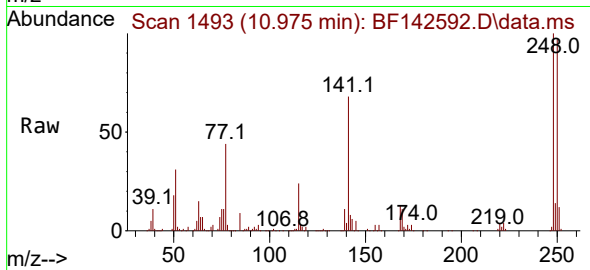
Tgt Ion:169 Resp: 665183
Ion Ratio Lower Upper
169 100
168 66.2 52.7 79.1
167 36.0 28.3 42.5





#67
4-Bromophenyl-phenylether
Concen: 41.941 ng
RT: 10.975 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

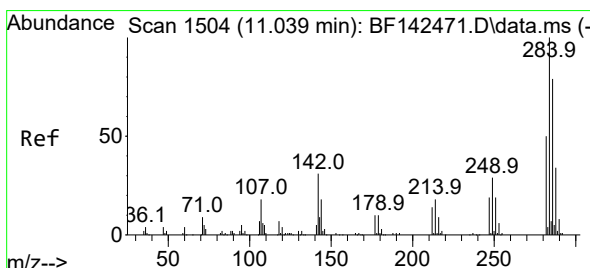
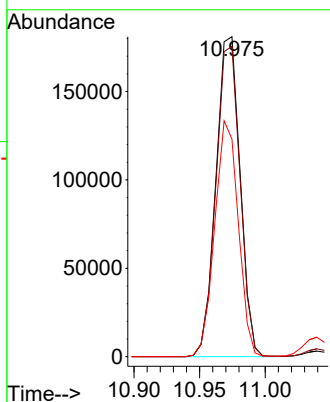
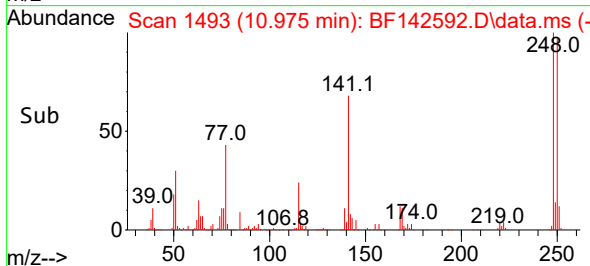
Instrument :
BNA_F
ClientSampleId :
PB168219BS



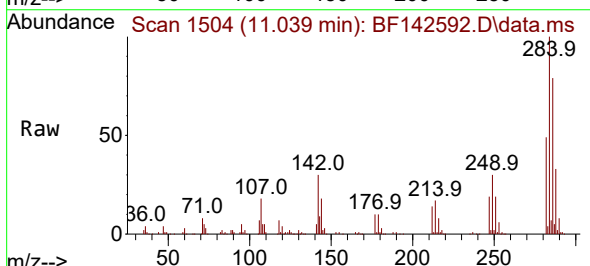
Tgt Ion:248 Resp: 232770
Ion Ratio Lower Upper
248 100
250 97.0 79.0 118.4
141 68.0 58.4 87.6

Manual Integrations
APPROVED

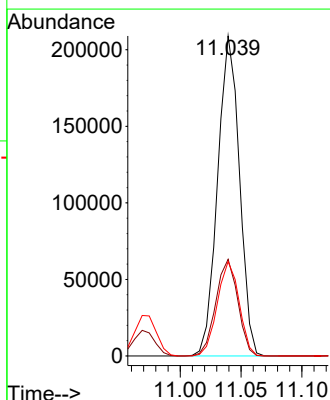
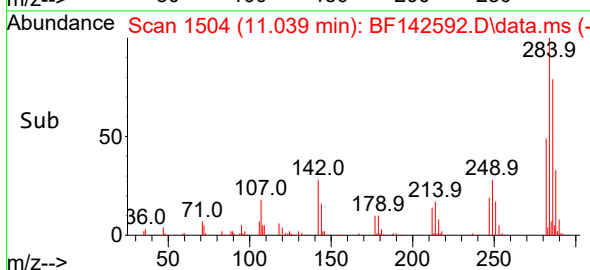
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025

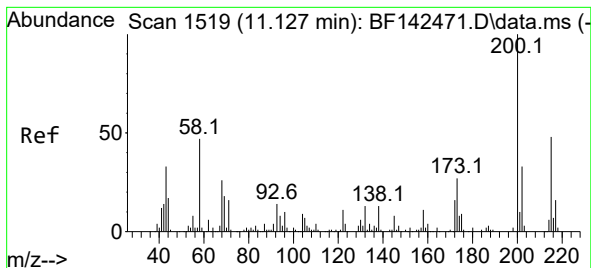


#68
Hexachlorobenzene
Concen: 42.470 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28



Tgt Ion:284 Resp: 260699
Ion Ratio Lower Upper
284 100
142 30.2 24.8 37.2
249 29.5 23.6 35.4





#69

Atrazine

Concen: 48.348 ng

RT: 11.128 min Scan# 1519

Delta R.T. 0.001 min

Lab File: BF142592.D

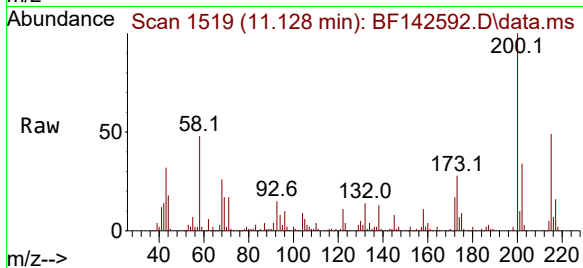
Acq: 02 Jun 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB168219BS



Tgt Ion:200 Resp: 206180

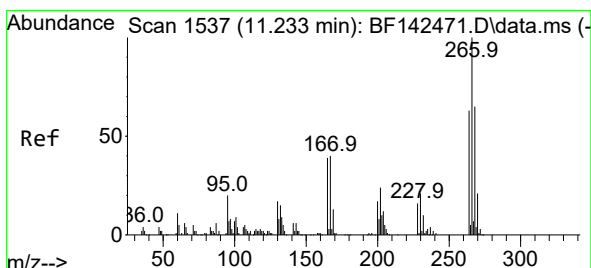
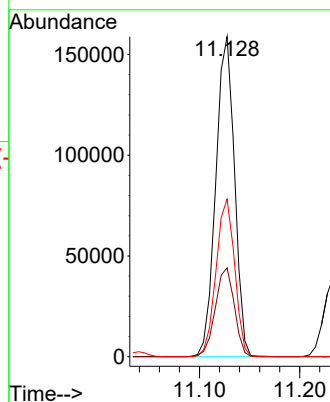
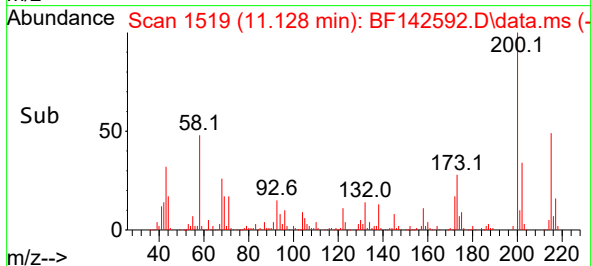
Ion	Ratio	Lower	Upper
200	100		
173	27.7	7.4	47.4
215	49.3	28.5	68.5

Manual Integrations

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Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#70

Pentachlorophenol

Concen: 85.247 ng

RT: 11.233 min Scan# 1537

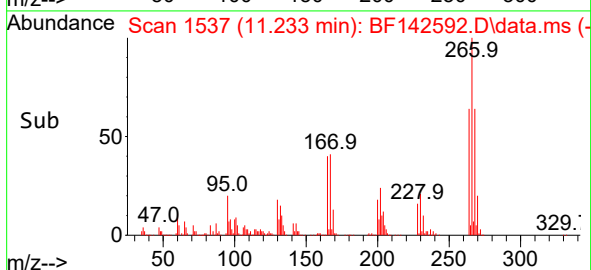
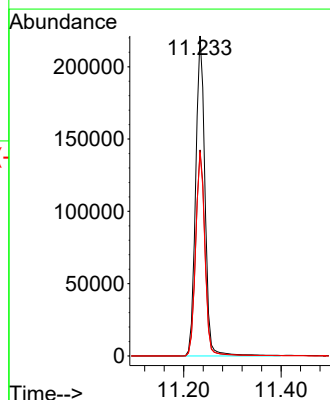
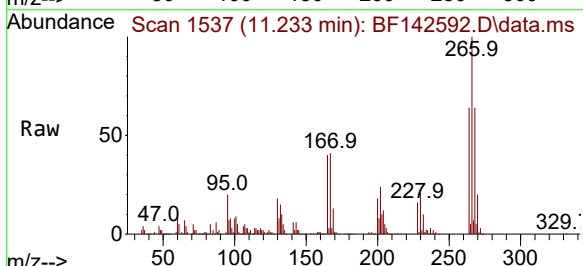
Delta R.T. 0.000 min

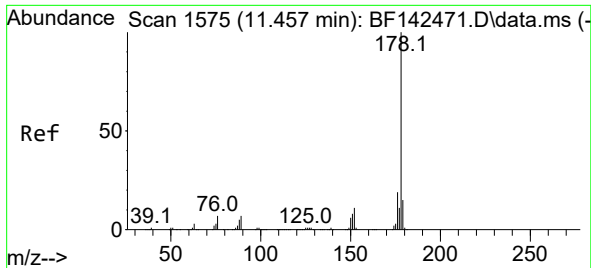
Lab File: BF142592.D

Acq: 02 Jun 2025 12:28

Tgt Ion:266 Resp: 295434

Ion	Ratio	Lower	Upper
266	100		
268	64.4	51.7	77.5
264	63.6	50.4	75.6





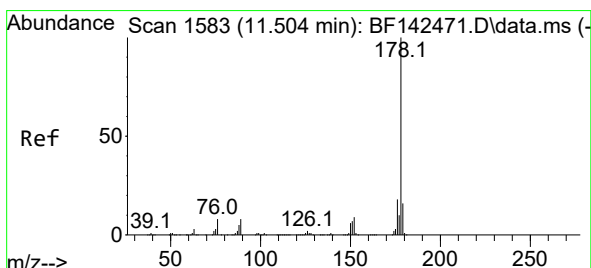
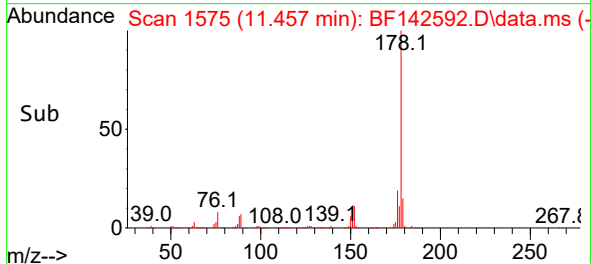
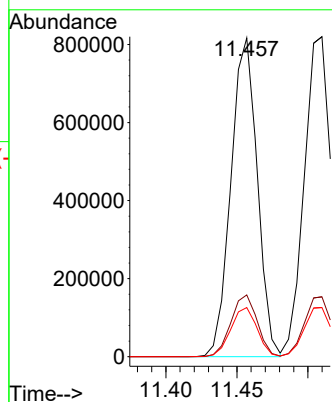
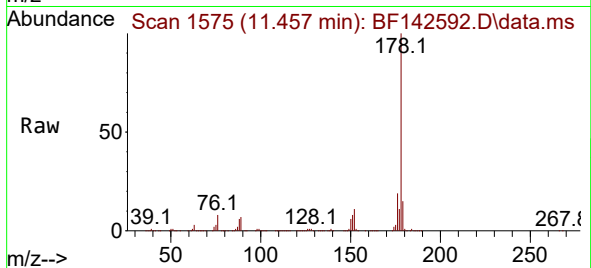
#71
Phenanthrene
Concen: 41.973 ng
RT: 11.457 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB168219BS

Tgt Ion:178 Resp: 105285
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.4 12.3 18.5

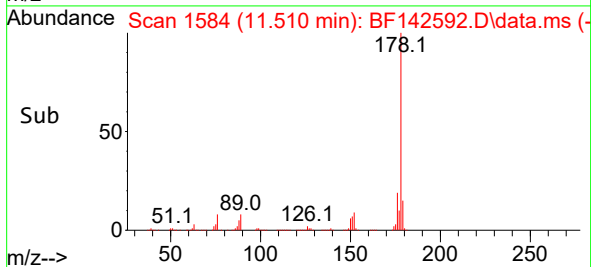
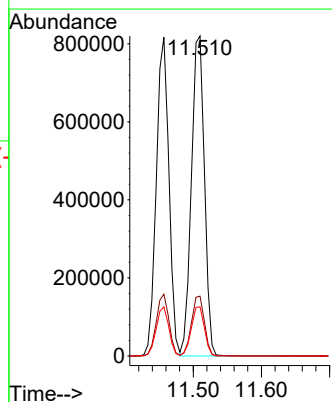
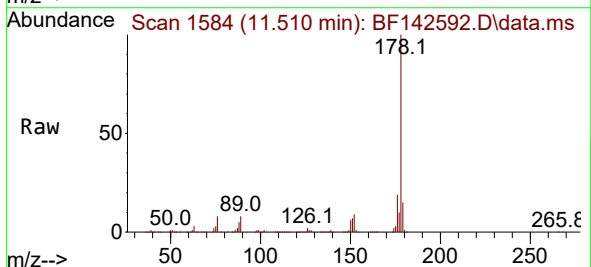
Manual Integrations
APPROVED

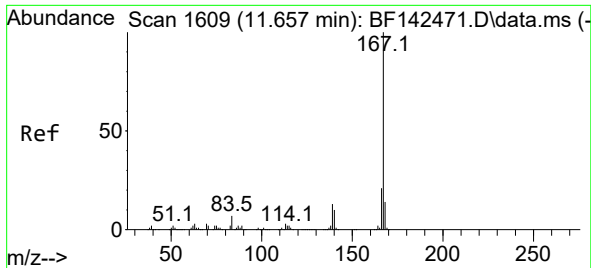
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025



#72
Anthracene
Concen: 42.274 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

Tgt Ion:178 Resp: 1082231
Ion Ratio Lower Upper
178 100
176 18.7 14.6 21.8
179 15.3 12.4 18.6





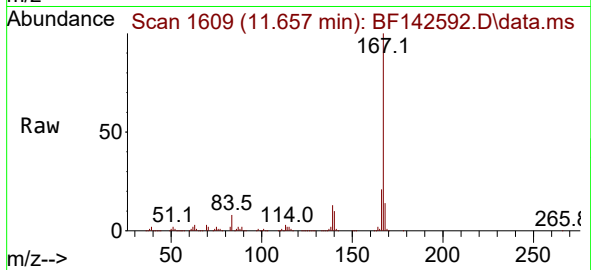
#73
 Carbazole
 Concen: 44.090 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF142592.D
 Acq: 02 Jun 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB168219BS



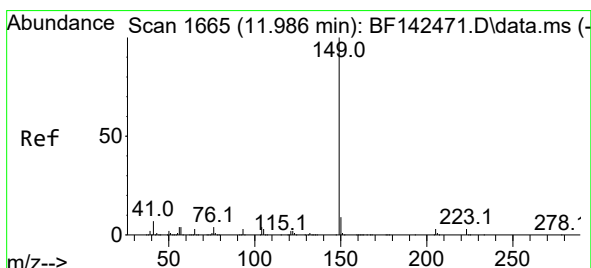
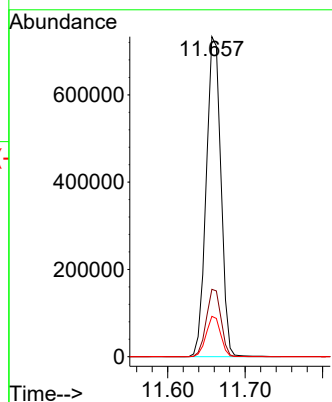
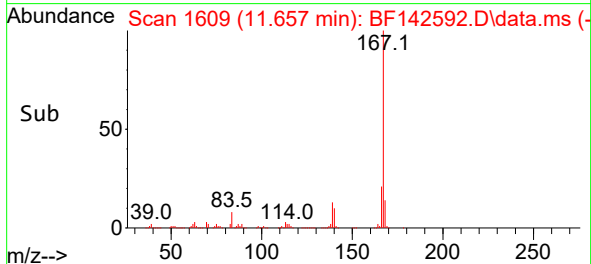
Tgt Ion:167 Resp: 964924
 Ion Ratio Lower Upper
 167 100
 166 21.1 16.9 25.3
 139 12.6 10.2 15.4

Manual Integrations

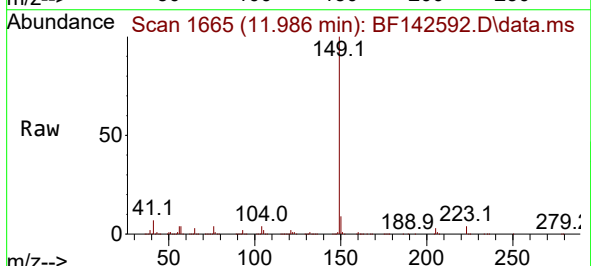
APPROVED

Reviewed By :Rahul Chavli 06/03/2025

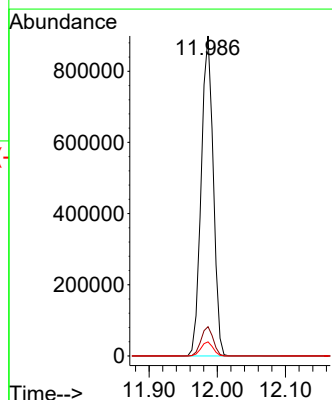
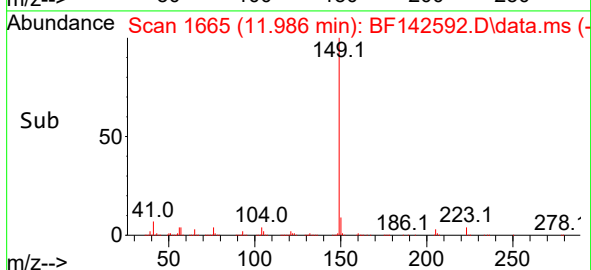
Supervised By :Jagrut Upadhyay 06/03/2025

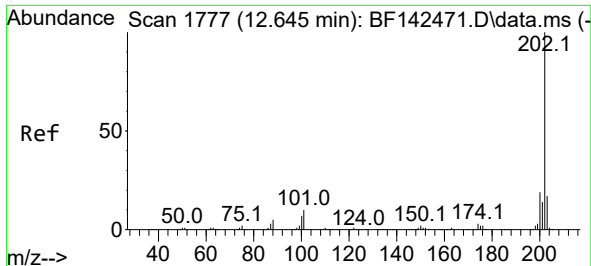


#74
 Di-n-butylphthalate
 Concen: 46.162 ng
 RT: 11.986 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF142592.D
 Acq: 02 Jun 2025 12:28



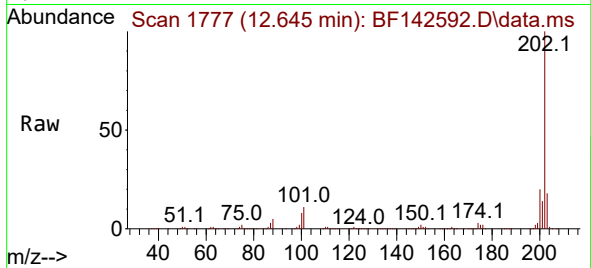
Tgt Ion:149 Resp: 1105835
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 4.4 3.6 5.4





#75
Fluoranthene
Concen: 44.126 ng
RT: 12.645 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

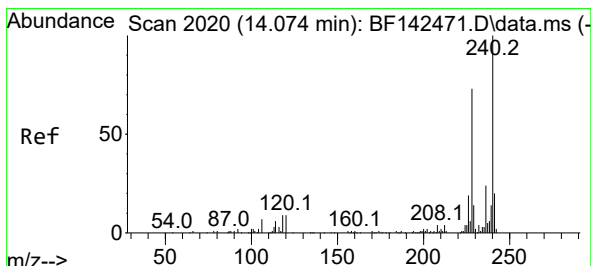
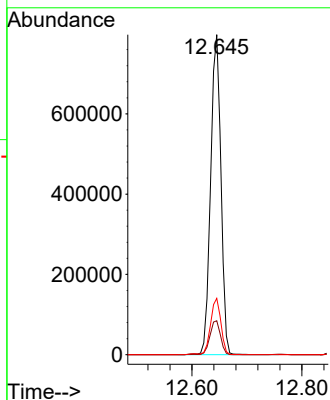
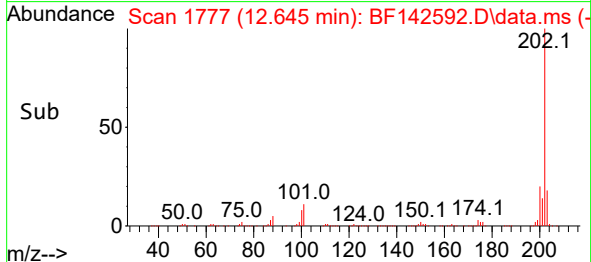
Instrument :
BNA_F
ClientSampleId :
PB168219BS



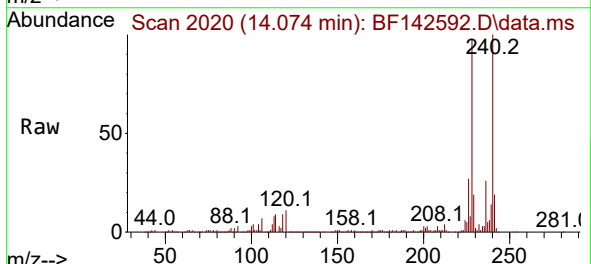
Tgt Ion:202 Resp: 103424
Ion Ratio Lower Upper
202 100
101 10.6 0.0 29.6
203 17.6 0.0 37.2

Manual Integrations
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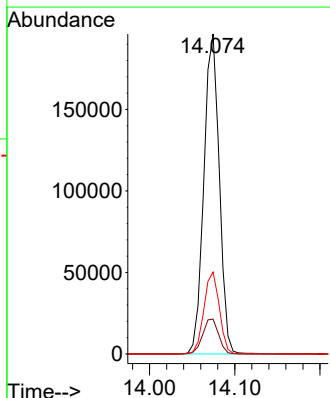
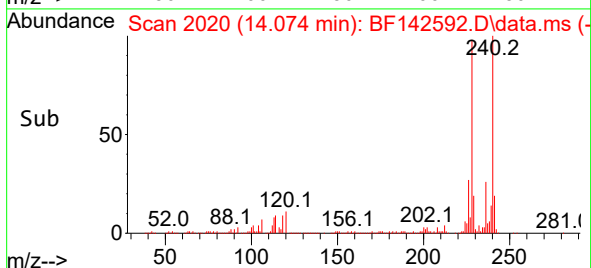
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025

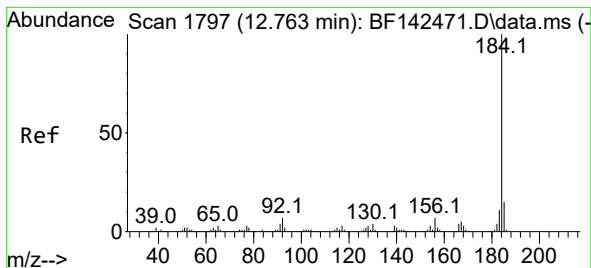


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28



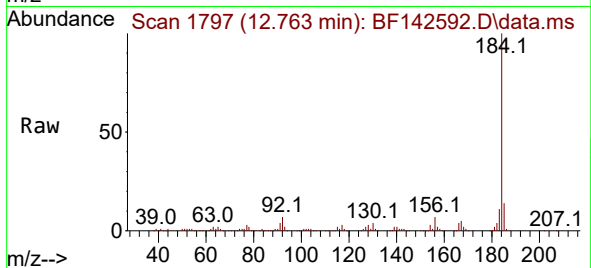
Tgt Ion:240 Resp: 247434
Ion Ratio Lower Upper
240 100
120 10.9 7.5 11.3
236 25.6 19.6 29.4





#77
Benzidine
Concen: 32.379 ng
RT: 12.763 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

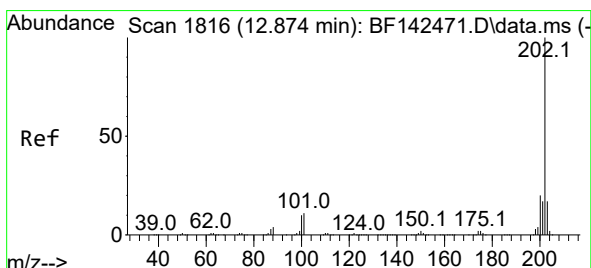
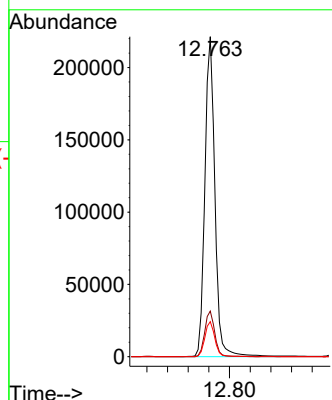
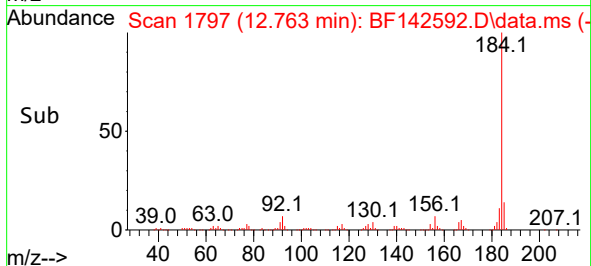
Instrument :
BNA_F
ClientSampleId :
PB168219BS



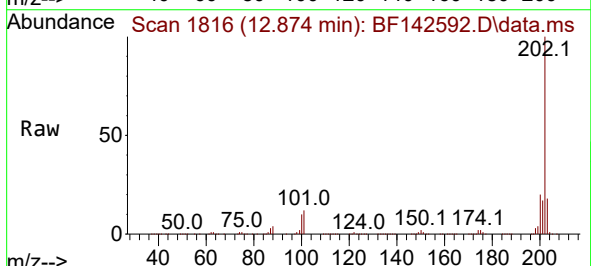
Tgt Ion:184 Resp: 29814
Ion Ratio Lower Upper
184 100
185 14.3 11.6 17.4
183 10.9 9.0 13.4

Manual Integrations
APPROVED

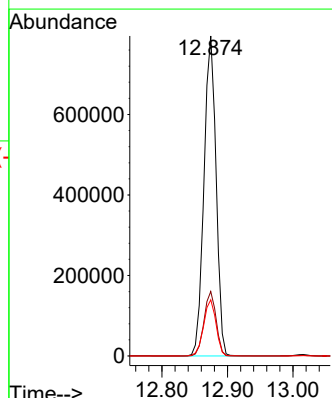
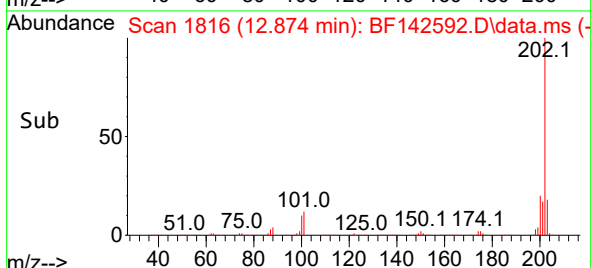
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025

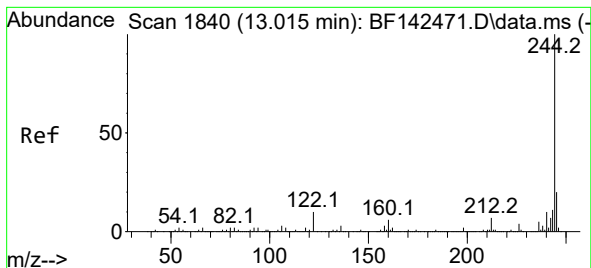


#78
Pyrene
Concen: 44.267 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28



Tgt Ion:202 Resp: 1021768
Ion Ratio Lower Upper
202 100
200 20.2 16.1 24.1
203 17.5 13.9 20.9





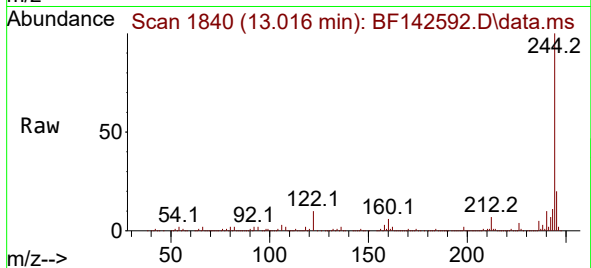
#79
 Terphenyl-d14
 Concen: 76.863 ng
 RT: 13.016 min Scan# 1840
 Delta R.T. 0.000 min
 Lab File: BF142592.D
 Acq: 02 Jun 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB168219BS



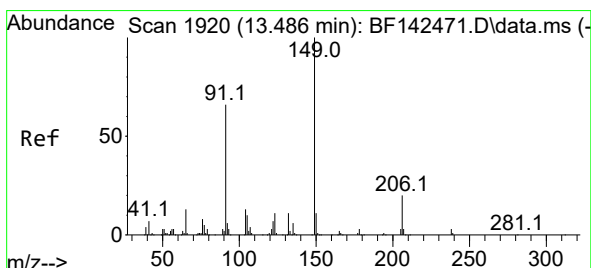
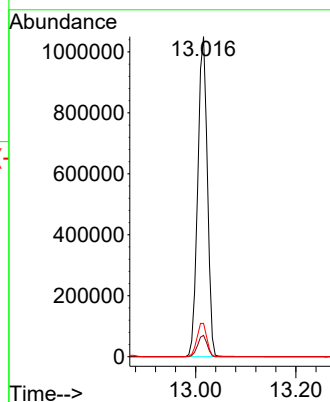
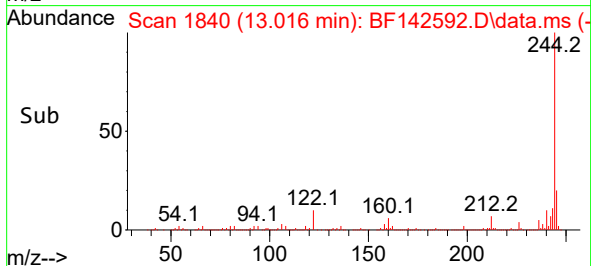
Tgt Ion:244 Resp: 139172
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.3 7.9
 122 10.4 8.2 12.2

Manual Integrations

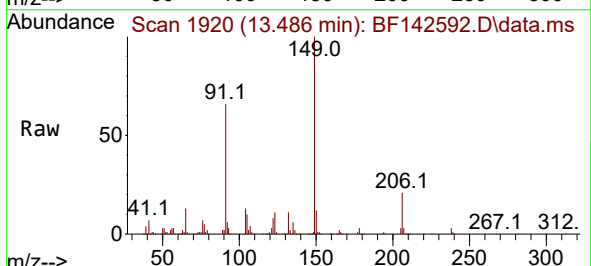
APPROVED

Reviewed By :Rahul Chavli 06/03/2025

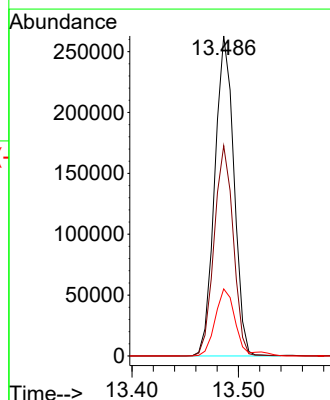
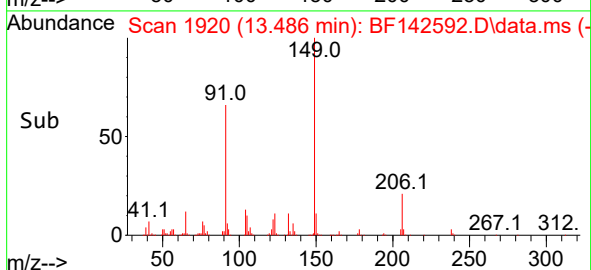
Supervised By :Jagrut Upadhyay 06/03/2025

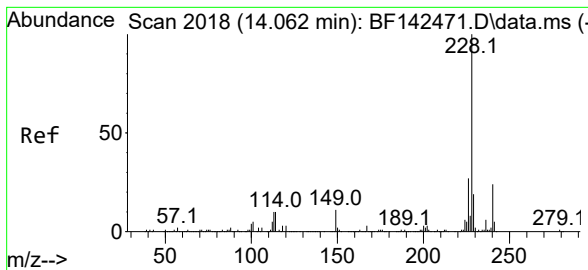


#80
 Butylbenzylphthalate
 Concen: 51.490 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142592.D
 Acq: 02 Jun 2025 12:28



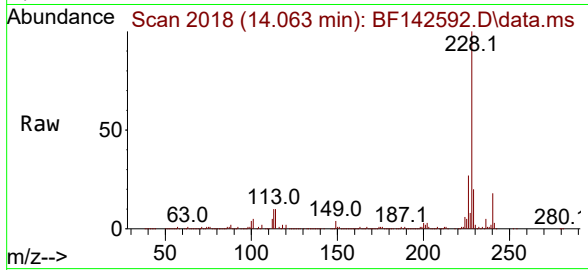
Tgt Ion:149 Resp: 328403
 Ion Ratio Lower Upper
 149 100
 91 65.7 52.9 79.3
 206 21.0 16.2 24.2





#81
Benzo(a)anthracene
Concen: 44.288 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

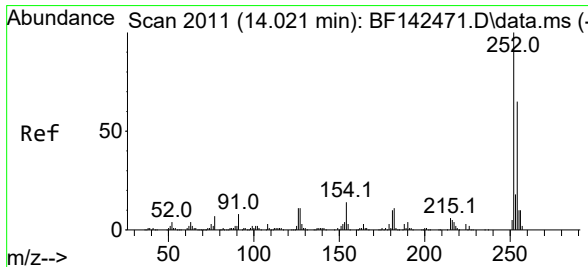
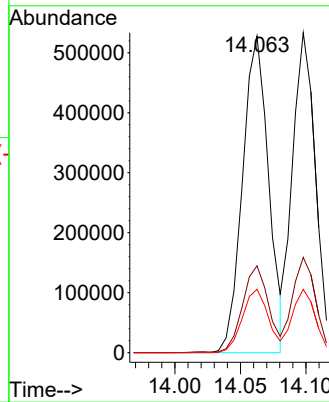
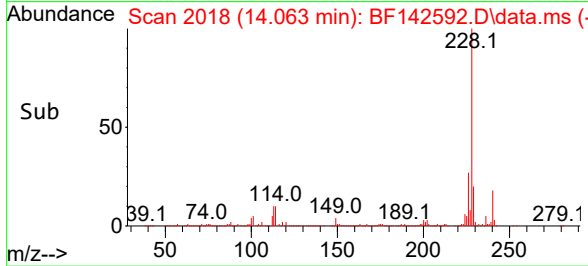
Instrument :
BNA_F
ClientSampleId :
PB168219BS



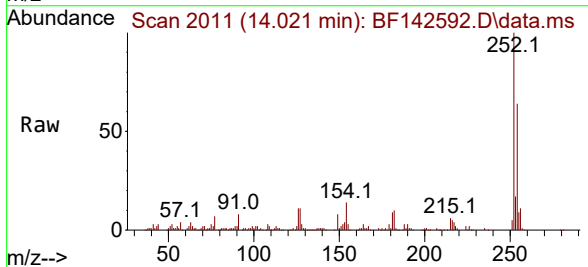
Tgt Ion:228 Resp: 731754
Ion Ratio Lower Upper
228 100
226 27.5 21.2 31.8
229 20.1 15.5 23.3

Manual Integrations
APPROVED

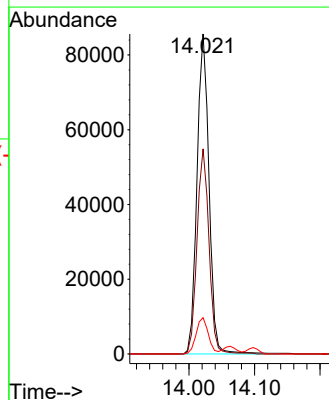
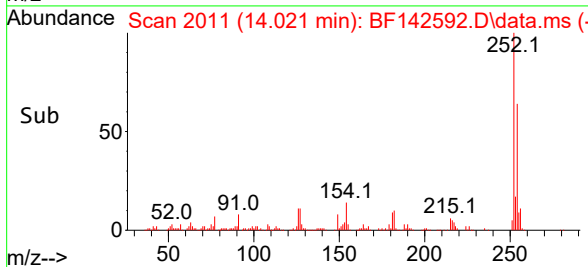
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025

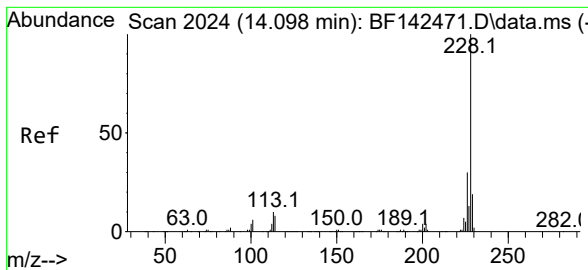


#82
3,3'-Dichlorobenzidine
Concen: 21.778 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28



Tgt Ion:252 Resp: 109138
Ion Ratio Lower Upper
252 100
254 64.1 52.0 78.0
126 11.4 8.9 13.3





#83

Chrysene

Concen: 43.629 ng

RT: 14.098 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF142592.D

Acq: 02 Jun 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB168219BS

Tgt Ion:228 Resp: 64774

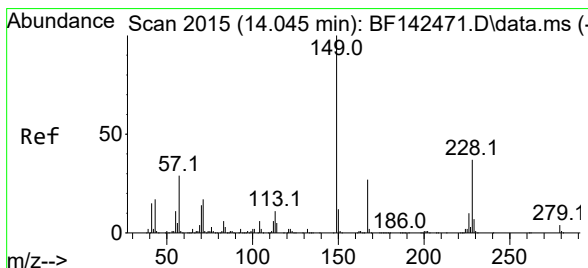
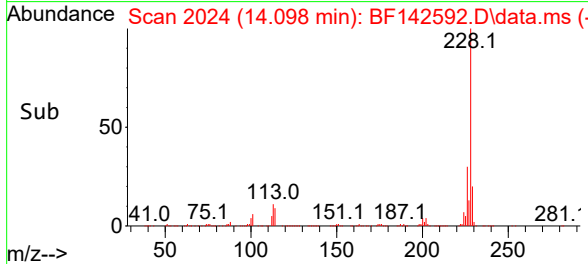
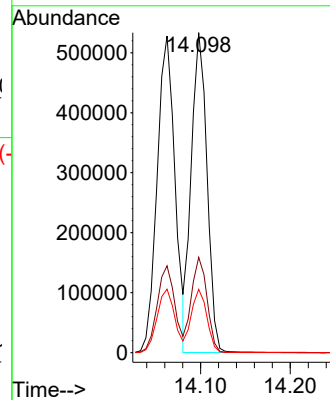
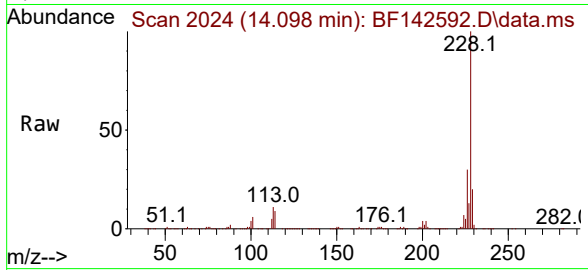
Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.6
229	19.8	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.017 ng

RT: 14.045 min Scan# 2015

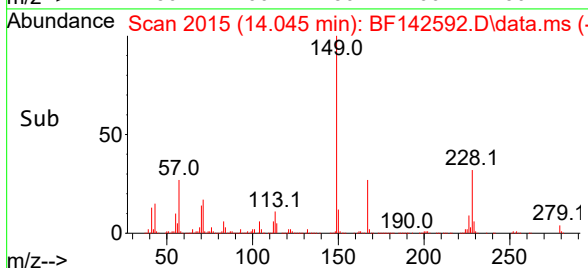
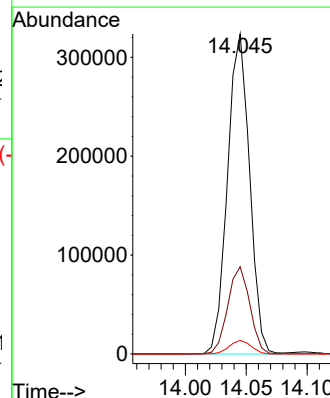
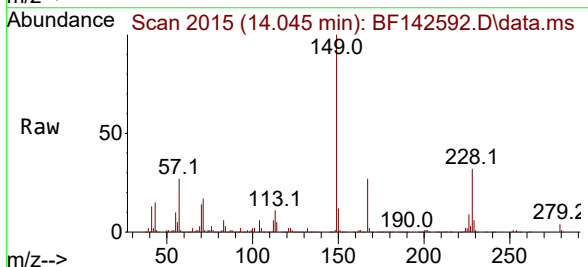
Delta R.T. -0.006 min

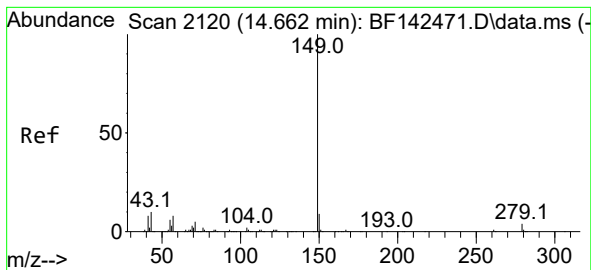
Lab File: BF142592.D

Acq: 02 Jun 2025 12:28

Tgt Ion:149 Resp: 408375

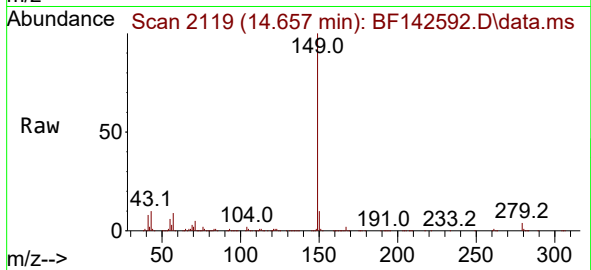
Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.5	32.3
279	4.2	3.2	4.8





#85
Di-n-octyl phthalate
Concen: 43.975 ng
RT: 14.657 min Scan# 2119
Delta R.T. -0.011 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

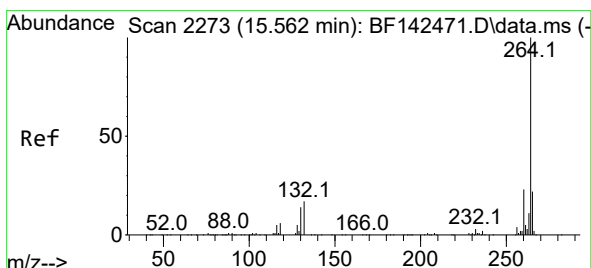
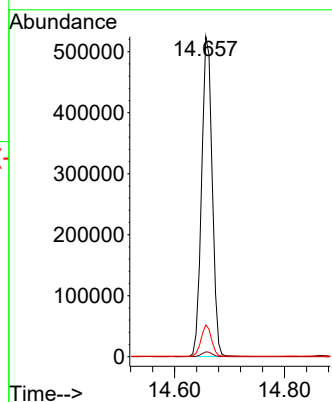
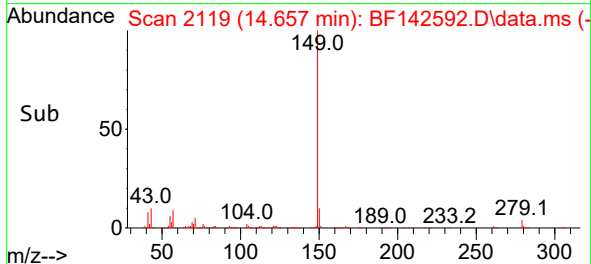
Instrument :
BNA_F
ClientSampleId :
PB168219BS



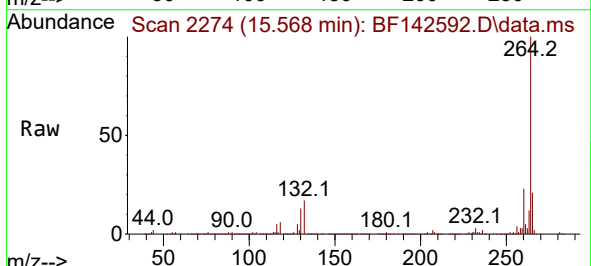
Tgt Ion:149 Resp: 702044
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.7 7.9 11.9

Manual Integrations
APPROVED

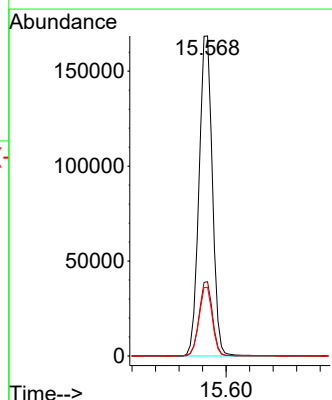
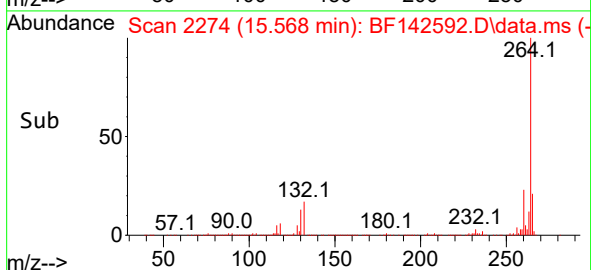
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025

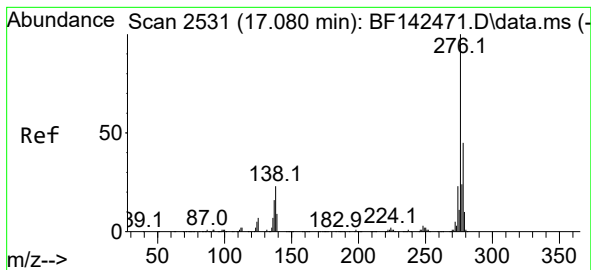


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28



Tgt Ion:264 Resp: 265001
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 21.4 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.553 ng

RT: 17.086 min Scan# 2199

Delta R.T. -0.006 min

Lab File: BF142592.D

Acq: 02 Jun 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB168219BS

Tgt Ion:276 Resp: 846572

Ion Ratio Lower Upper

276 100

138 26.2 19.9 29.9

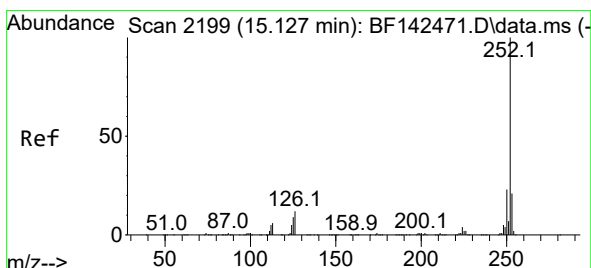
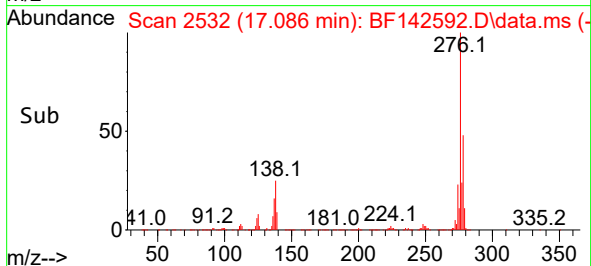
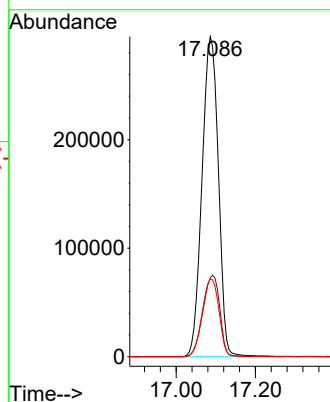
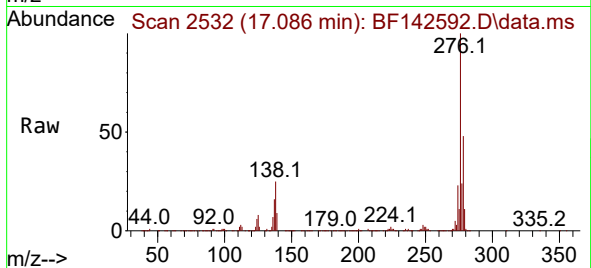
277 25.0 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#88

Benzo(b)fluoranthene

Concen: 42.625 ng

RT: 15.127 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF142592.D

Acq: 02 Jun 2025 12:28

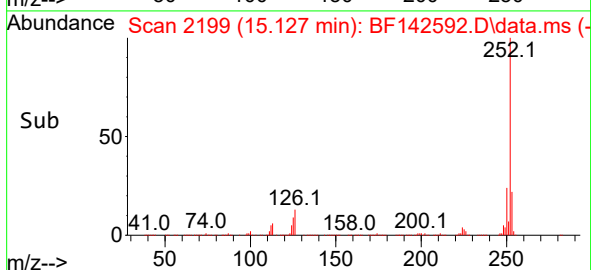
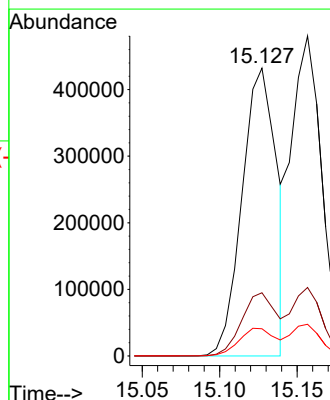
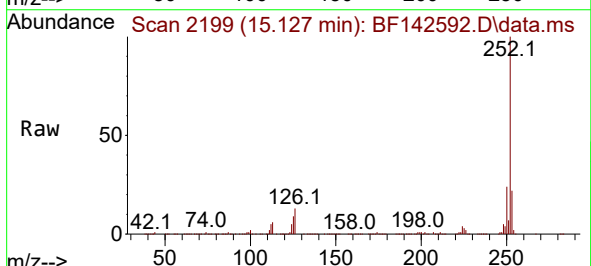
Tgt Ion:252 Resp: 668530

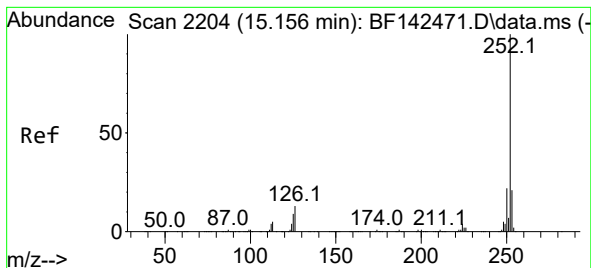
Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.4

125 9.5 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 44.577 ng

RT: 15.157 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142592.D

Acq: 02 Jun 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB168219BS

Tgt Ion:252 Resp: 65483

Ion Ratio Lower Upper

252 100

253 21.4 17.0 25.4

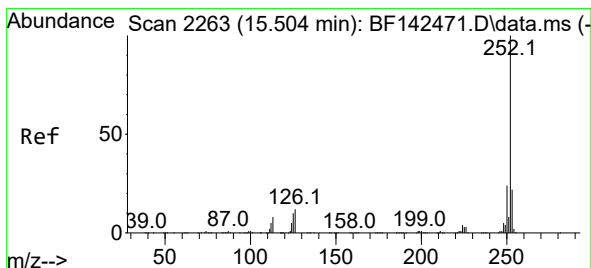
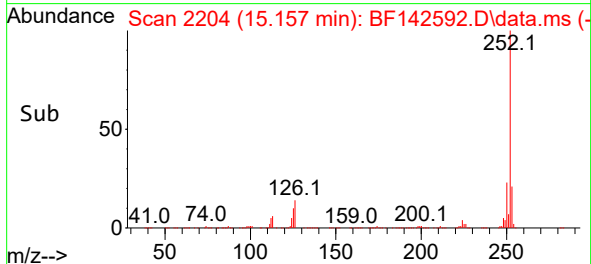
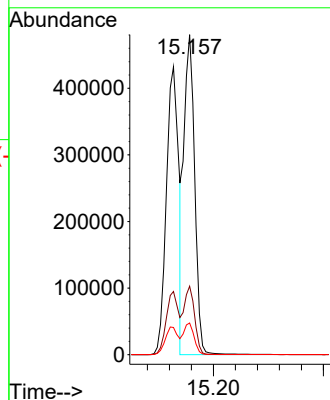
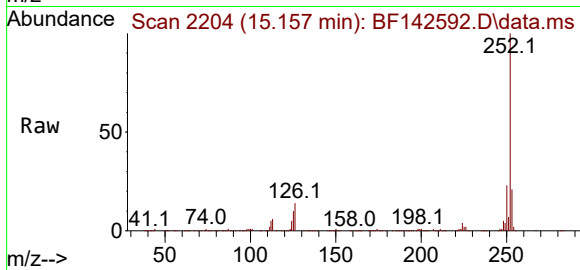
125 9.9 7.3 10.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#90

Benzo(a)pyrene

Concen: 43.949 ng

RT: 15.504 min Scan# 2263

Delta R.T. -0.006 min

Lab File: BF142592.D

Acq: 02 Jun 2025 12:28

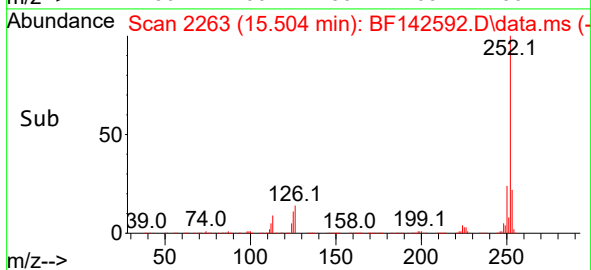
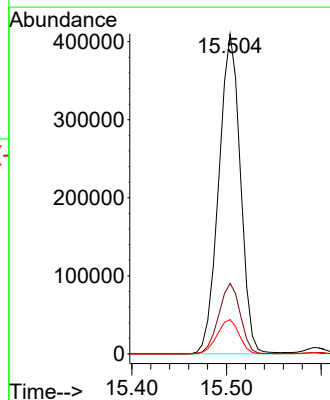
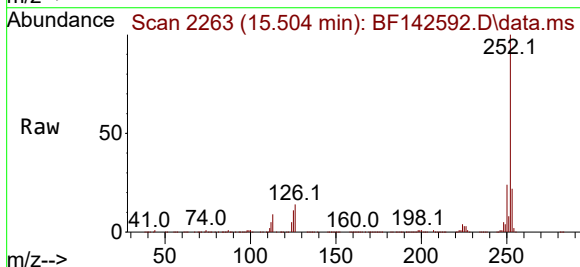
Tgt Ion:252 Resp: 649734

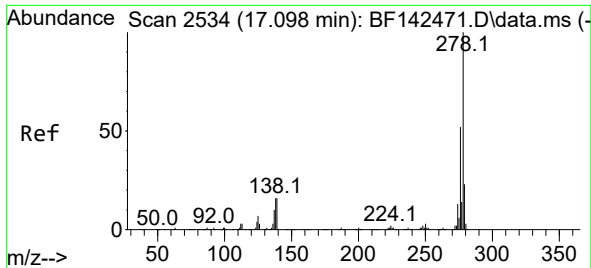
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 10.8 7.9 11.9





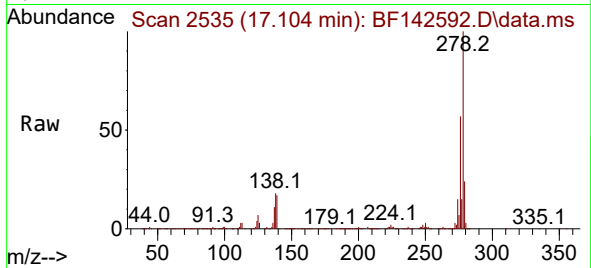
#91
Dibenzo(a,h)anthracene
Concen: 42.714 ng
RT: 17.104 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB168219BS



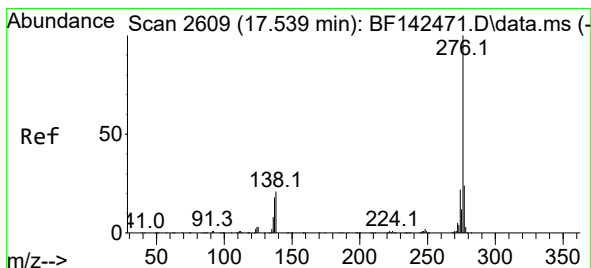
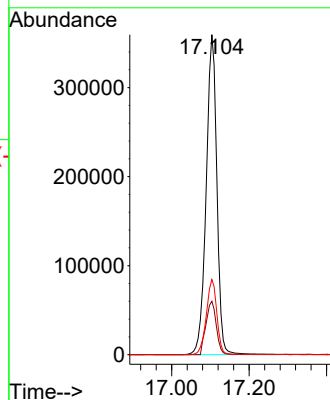
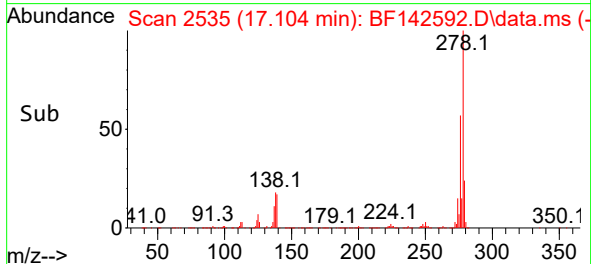
Tgt Ion:278 Resp: 689215
Ion Ratio Lower Upper
278 100
139 16.7 12.8 19.2
279 23.5 18.6 28.0

Manual Integrations

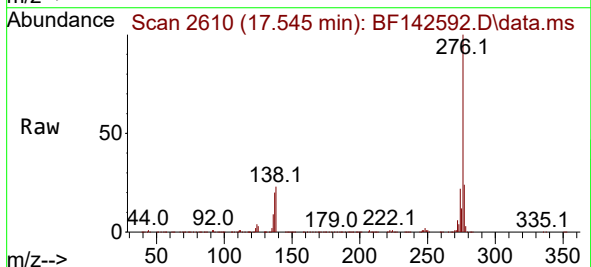
APPROVED

Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#92
Benzo(g,h,i)perylene
Concen: 41.912 ng
RT: 17.545 min Scan# 2610
Delta R.T. -0.012 min
Lab File: BF142592.D
Acq: 02 Jun 2025 12:28



Tgt Ion:276 Resp: 676410
Ion Ratio Lower Upper
276 100
277 23.6 19.2 28.8
138 23.1 16.8 25.2

