

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142247.D
 Acq On : 30 Apr 2025 16:17
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF043025

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/01/2025
 Supervised By :Jagrut Upadhyay 05/01/2025

Quant Time: Apr 30 16:36:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	185327	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	725482	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	381170	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	633040	20.000	ng	0.00
76) Chrysene-d12	14.074	240	345729	20.000	ng	0.00
86) Perylene-d12	15.562	264	342826	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	987704	85.116	ng	0.00
7) Phenol-d6	6.522	99	1201328	85.730	ng	0.00
23) Nitrobenzene-d5	7.469	82	1091522	98.845	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	323319	93.044	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2157499	79.807	ng	0.00
79) Terphenyl-d14	13.021	244	2037561	85.716	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	219939	42.438	ng	98
3) Pyridine	3.469	79	572034	42.469	ng	99
4) n-Nitrosodimethylamine	3.416	42	299316	42.942	ng	96
6) Aniline	6.569	93	844910	42.598	ng	99
8) 2-Chlorophenol	6.692	128	530021	44.202	ng	98
9) Benzaldehyde	6.457	77	420408	42.925	ng	99
10) Phenol	6.539	94	645155m	42.765	ng	
11) bis(2-Chloroethyl)ether	6.639	93	494843	42.329	ng	98
12) 1,3-Dichlorobenzene	6.851	146	567280	41.819	ng	99
13) 1,4-Dichlorobenzene	6.928	146	572974	41.924	ng	100
14) 1,2-Dichlorobenzene	7.081	146	551216	42.247	ng	99
15) Benzyl Alcohol	7.045	79	431108	43.378	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	901053	42.684	ng	99
17) 2-Methylphenol	7.151	107	415403	42.288	ng	98
18) Hexachloroethane	7.422	117	197959	44.255	ng	95
19) n-Nitroso-di-n-propyla...	7.322	70	363621	41.992	ng	99
20) 3+4-Methylphenols	7.304	107	539514	43.919	ng	98
22) Acetophenone	7.316	105	695539	41.441	ng	98
24) Nitrobenzene	7.492	77	513604	47.402	ng	99
25) Isophorone	7.728	82	968502	41.789	ng	100
26) 2-Nitrophenol	7.804	139	219881	48.175	ng	100
27) 2,4-Dimethylphenol	7.833	122	502502	43.004	ng	100
28) bis(2-Chloroethoxy)met...	7.939	93	610669	41.780	ng	99
29) 2,4-Dichlorophenol	8.039	162	429967	44.013	ng	99
30) 1,2,4-Trichlorobenzene	8.133	180	454848	41.724	ng	100
31) Naphthalene	8.216	128	1483568	41.005	ng	100
32) Benzoic acid	7.933	122	246172m	45.113	ng	
33) 4-Chloroaniline	8.257	127	622894	41.344	ng	100
34) Hexachlorobutadiene	8.333	225	267940	42.127	ng	99
35) Caprolactam	8.622	113	130473	44.434	ng	98
36) 4-Chloro-3-methylphenol	8.728	107	436215	43.485	ng	100
37) 2-Methylnaphthalene	8.904	142	915474	41.155	ng	100
38) 1-Methylnaphthalene	9.004	142	950163	41.232	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	443561	41.349	ng	100
41) Hexachlorocyclopentadiene	9.057	237	288102	47.321	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	303872	45.713	ng	99

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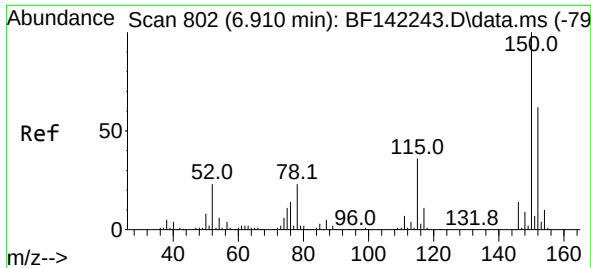
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	312237	44.676	ng	99
46) 1,1'-Biphenyl	9.369	154	1213047	40.936	ng	100
47) 2-Chloronaphthalene	9.392	162	903974	41.003	ng	99
48) 2-Nitroaniline	9.480	65	269528	46.523	ng	95
49) Acenaphthylene	9.810	152	1533164	41.211	ng	100
50) Dimethylphthalate	9.669	163	1025498	42.054	ng	100
51) 2,6-Dinitrotoluene	9.727	165	211107	45.376	ng	96
52) Acenaphthene	9.980	154	904325	41.631	ng	99
53) 3-Nitroaniline	9.892	138	257926	45.509	ng	96
54) 2,4-Dinitrophenol	9.992	184	62568	49.090	ng #	6
55) Dibenzofuran	10.151	168	1340934	41.181	ng	100
56) 4-Nitrophenol	10.033	139	191463	49.952	ng	99
57) 2,4-Dinitrotoluene	10.127	165	265412	46.994	ng	96
58) Fluorene	10.492	166	1008032	40.714	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	264709	45.724	ng	100
60) Diethylphthalate	10.369	149	1016722	42.222	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	477688	40.626	ng	99
62) 4-Nitroaniline	10.504	138	232165	45.070	ng	98
63) Azobenzene	10.645	77	984443	41.400	ng	99
65) 4,6-Dinitro-2-methylph...	10.533	198	96341	46.598	ng	95
66) n-Nitrosodiphenylamine	10.604	169	904466	41.816	ng	100
67) 4-Bromophenyl-phenylether	10.980	248	299605	42.497	ng	98
68) Hexachlorobenzene	11.039	284	330048	41.800	ng	97
69) Atrazine	11.127	200	255030	44.732	ng	99
70) Pentachlorophenol	11.233	266	197476	47.342	ng	99
71) Phenanthrene	11.457	178	1400439	40.955	ng	100
72) Anthracene	11.510	178	1463247	41.854	ng	100
73) Carbazole	11.663	167	1332856	41.793	ng	99
74) Di-n-butylphthalate	11.992	149	1412919	44.051	ng	100
75) Fluoranthene	12.645	202	1409189	41.690	ng	99
77) Benzidine	12.768	184	682155	46.435	ng	99
78) Pyrene	12.874	202	1405875	44.082	ng	100
80) Butylbenzylphthalate	13.492	149	371146	42.984	ng	98
81) Benzo(a)anthracene	14.062	228	960484	41.383	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	310153	45.495	ng	98
83) Chrysene	14.098	228	890671	42.158	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	487122	40.882	ng	99
85) Di-n-octyl phthalate	14.674	149	889844	41.178	ng	100
87) Indeno(1,2,3-cd)pyrene	17.074	276	1098774	43.757	ng	99
88) Benzo(b)fluoranthene	15.121	252	860370	40.403	ng	100
89) Benzo(k)fluoranthene	15.157	252	811540	41.665	ng	99
90) Benzo(a)pyrene	15.498	252	826250	42.380	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	887855	43.565	ng	99
92) Benzo(g,h,i)perylene	17.527	276	899474	43.902	ng	99

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



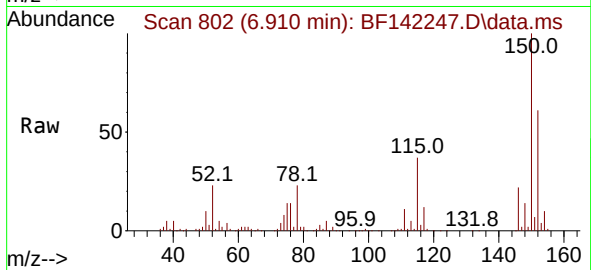
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.910 min Scan# 802
 Delta R.T. 0.000 min
 Lab File: BF142247.D
 Acq: 30 Apr 2025 16:17

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ICVBF043025



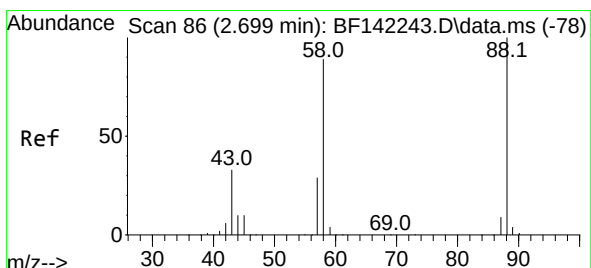
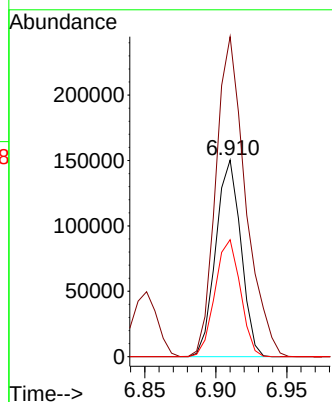
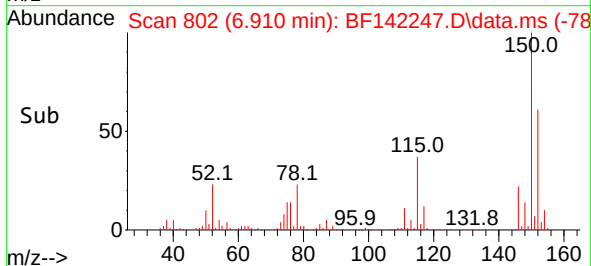
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 Ion Ratio Lower Upper
 152 100
 150 162.7 130.2 195.2
 115 59.5 47.0 70.4

Manual Integrations

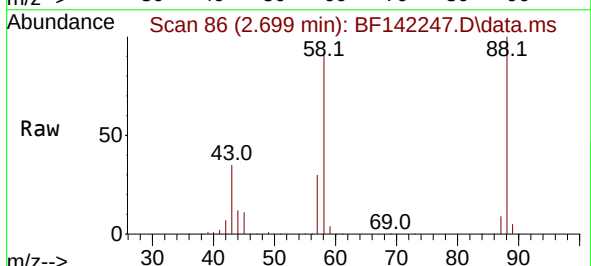
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Reviewed By :Rahul Chavli 05/01/2025

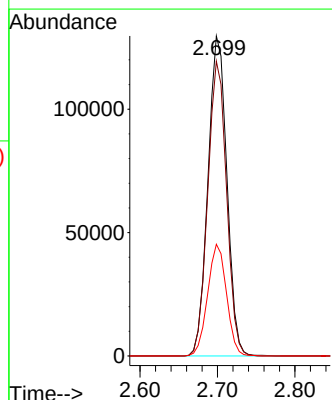
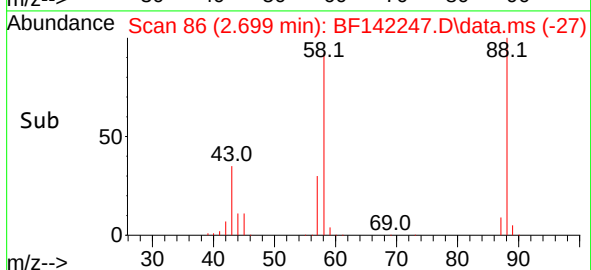
Supervised By :Jagrut Upadhyay 05/01/2025

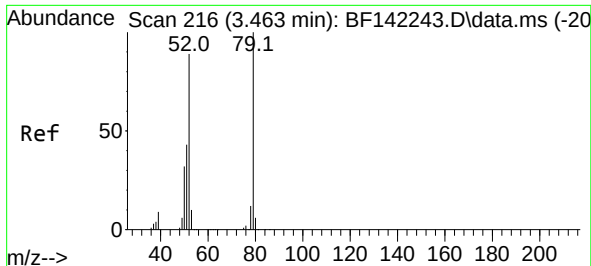


#2
 1,4-Dioxane
 Concen: 42.438 ng
 RT: 2.699 min Scan# 86
 Delta R.T. -0.000 min
 Lab File: BF142247.D
 Acq: 30 Apr 2025 16:17



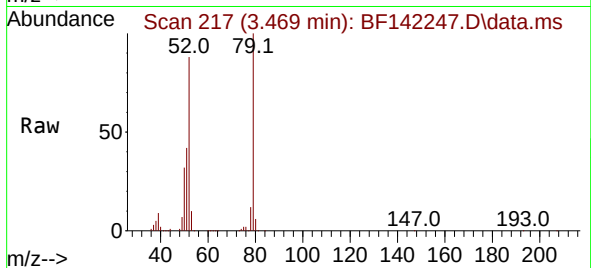
Tgt Ion: 88 Resp: 219939
 Ion Ratio Lower Upper
 88 100
 58 91.6 72.2 108.2
 43 34.8 27.0 40.6





#3
 Pyridine
 Concen: 42.469 ng
 RT: 3.469 min Scan# 216
 Delta R.T. 0.006 min
 Lab File: BF142247.D
 Acq: 30 Apr 2025 16:17

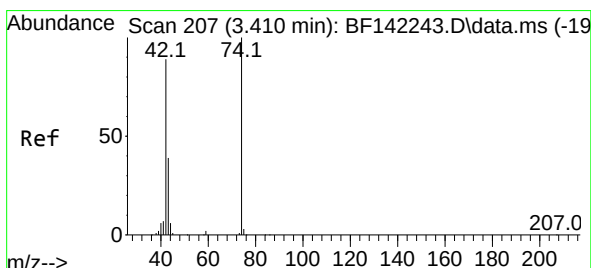
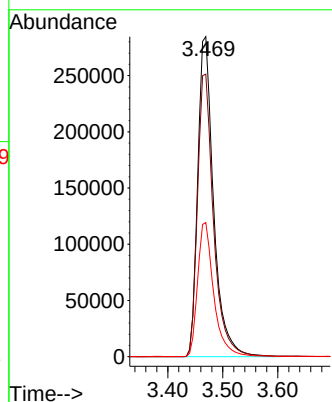
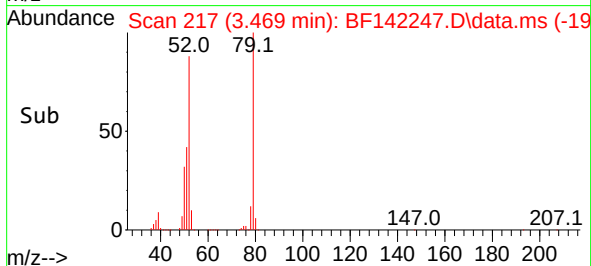
Instrument :
 BNA_F
 ClientSampleId :
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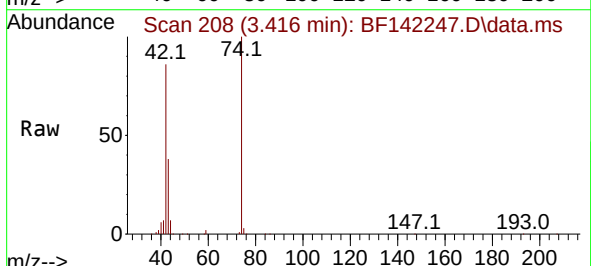
Tgt Ion: 79 Resp: 572034
 Ion Ratio Lower Upper
 79 100
 52 88.3 71.5 107.3
 51 41.9 34.5 51.7

Manual Integrations
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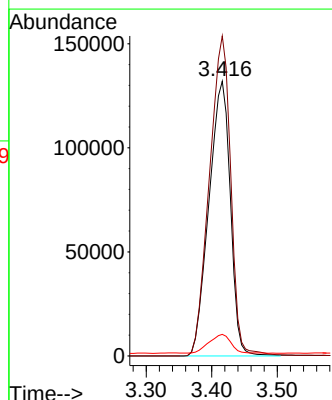
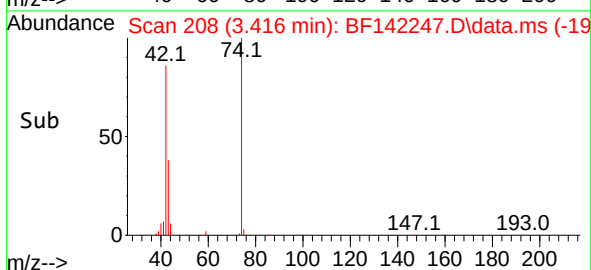
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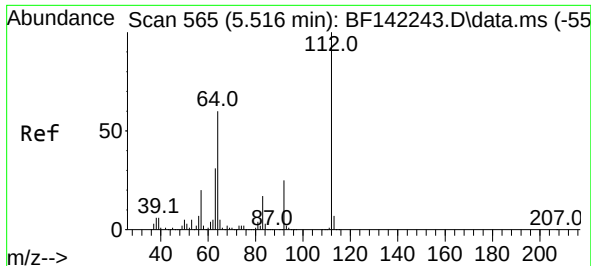


#4
 n-Nitrosodimethylamine
 Concen: 42.942 ng
 RT: 3.416 min Scan# 208
 Delta R.T. 0.006 min
 Lab File: BF142247.D
 Acq: 30 Apr 2025 16:17



Tgt Ion: 42 Resp: 299316
 Ion Ratio Lower Upper
 42 100
 74 116.5 89.5 134.3
 44 7.9 6.6 9.8





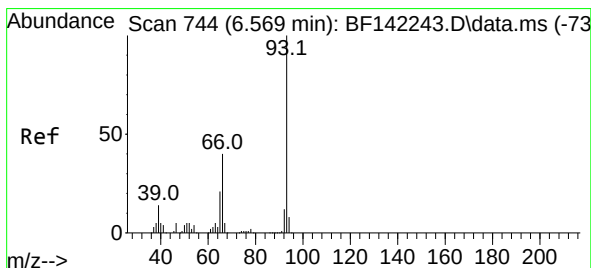
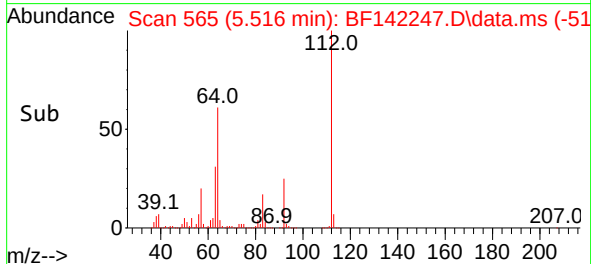
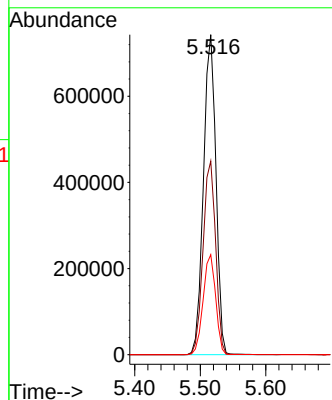
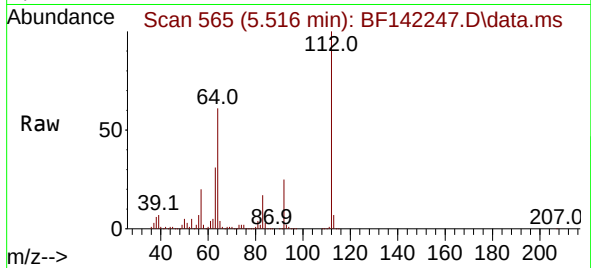
#5
2-Fluorophenol
Concen: 85.116 ng
RT: 5.516 min Scan# 565
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Instrument :
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ClientSampleId :
ICVBF043025

Tgt Ion:112 Resp: 987704
Ion Ratio Lower Upper
112 100
64 60.5 48.4 72.6
63 31.2 24.8 37.2

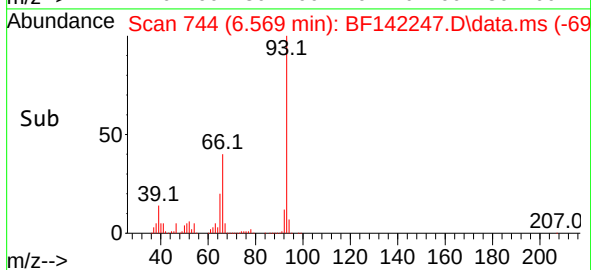
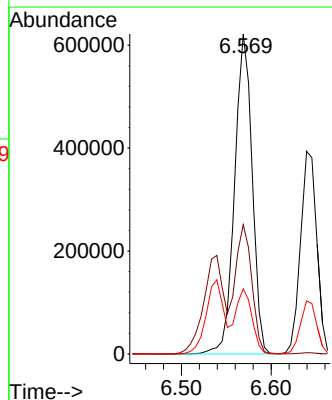
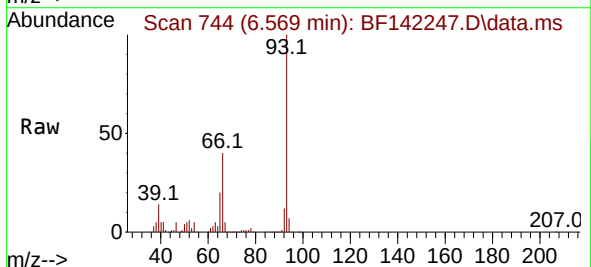
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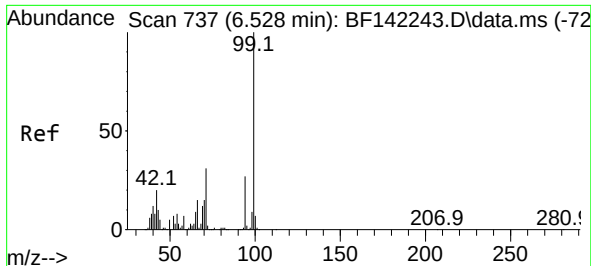
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#6
Aniline
Concen: 42.598 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

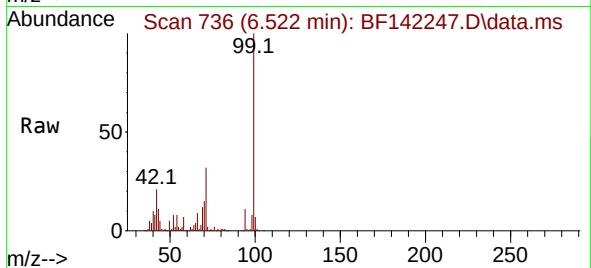
Tgt Ion: 93 Resp: 844910
Ion Ratio Lower Upper
93 100
66 40.4 32.1 48.1
65 20.3 16.6 24.8





#7
Phenol-d6
Concen: 85.730 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

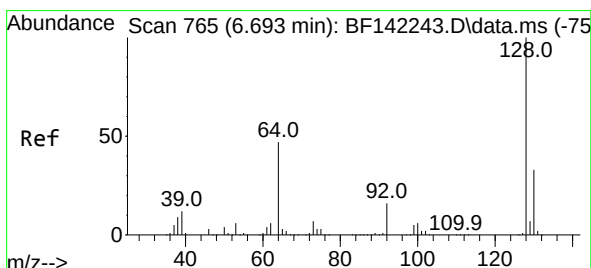
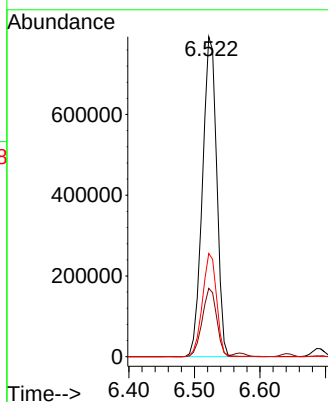
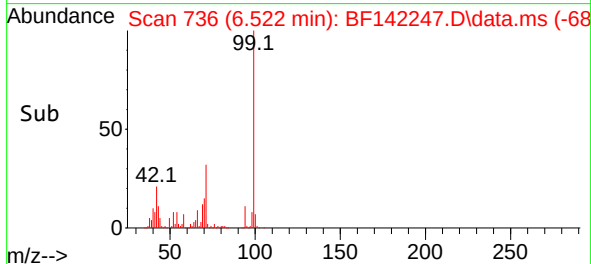
Instrument :
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Tgt Ion: 99 Resp: 1201328
Ion Ratio Lower Upper
99 100
42 21.4 16.3 24.5
71 32.2 25.0 37.4

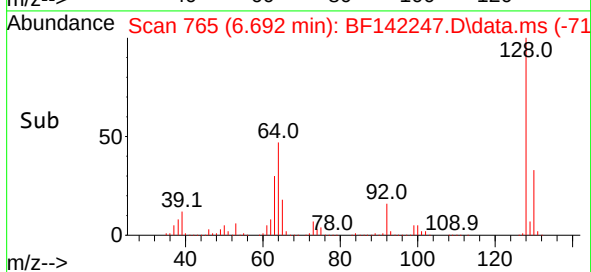
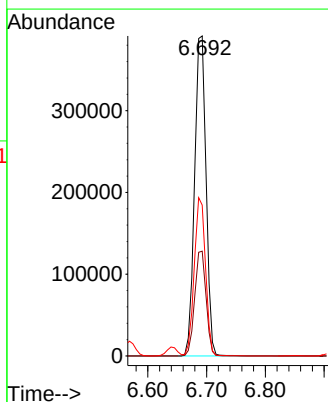
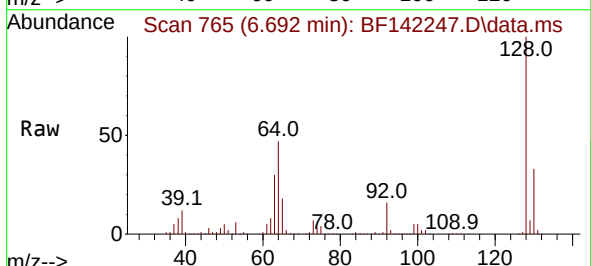
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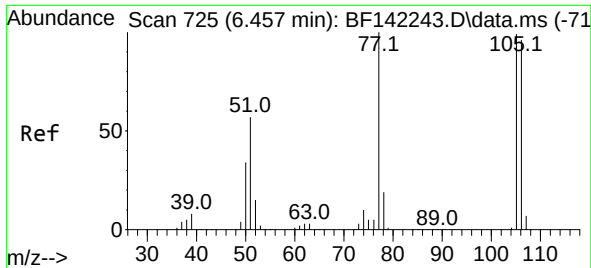
Reviewed By :Rahul Chavli 05/01/2025
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#8
2-Chlorophenol
Concen: 44.202 ng
RT: 6.692 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

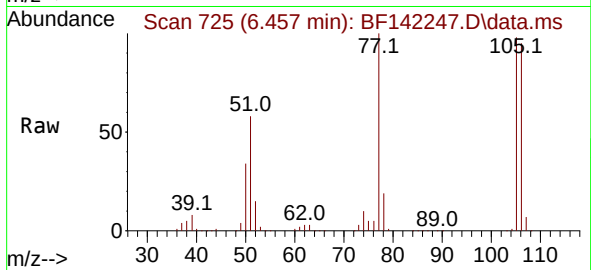
Tgt Ion:128 Resp: 530021
Ion Ratio Lower Upper
128 100
130 32.7 13.1 53.1
64 47.1 28.6 68.6





#9
Benzaldehyde
Concen: 42.925 ng
RT: 6.457 min Scan# 725
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

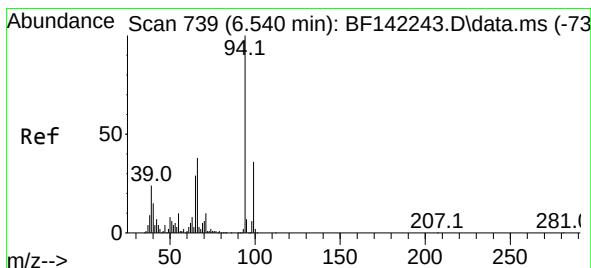
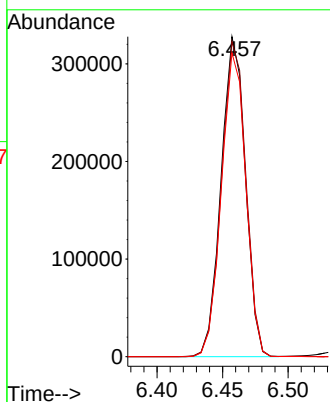
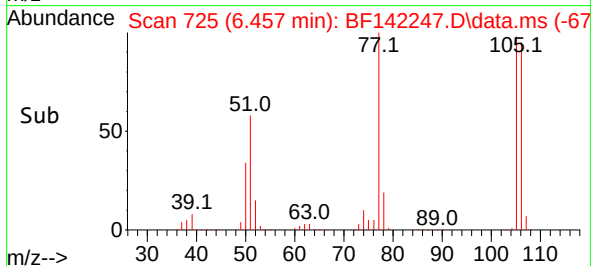
Instrument :
BNA_F
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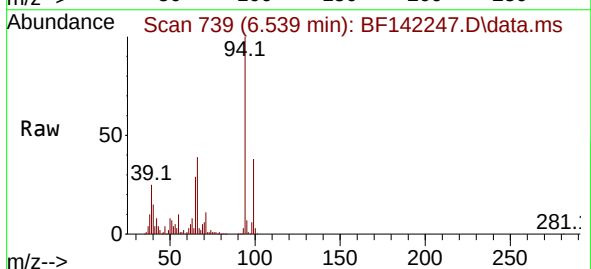
Tgt Ion: 77 Resp: 420408
Ion Ratio Lower Upper
77 100
105 98.5 79.1 119.1
106 95.0 76.0 116.0

Manual Integrations
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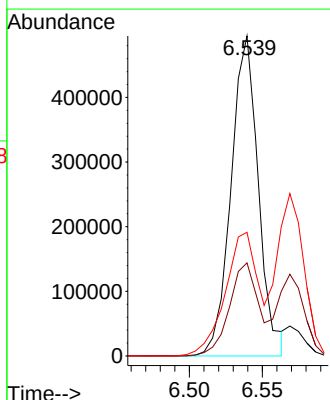
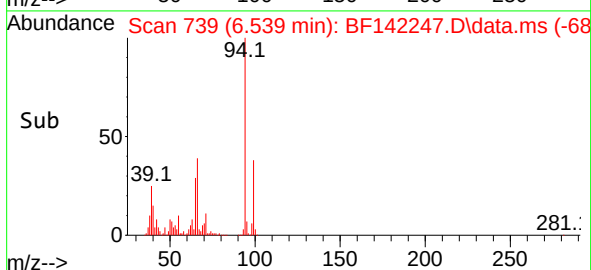
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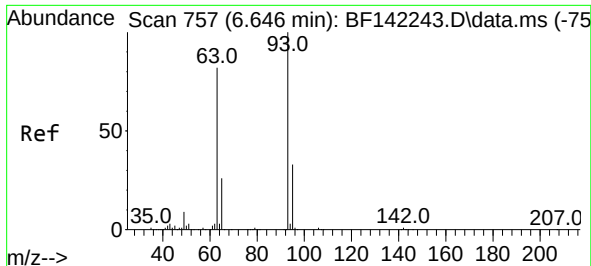


#10
Phenol
Concen: 42.765 ng m
RT: 6.539 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17



Tgt Ion: 94 Resp: 645155
Ion Ratio Lower Upper
94 100
65 29.1 8.9 48.9
66 38.7 18.7 58.7





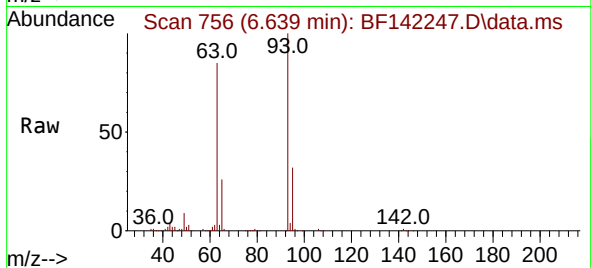
#11
bis(2-Chloroethyl)ether
Concen: 42.329 ng
RT: 6.639 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Instrument :

BNA_F

ClientSampleId :

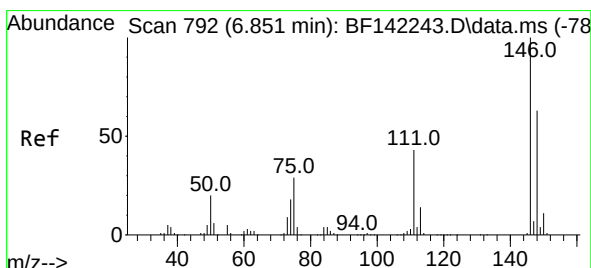
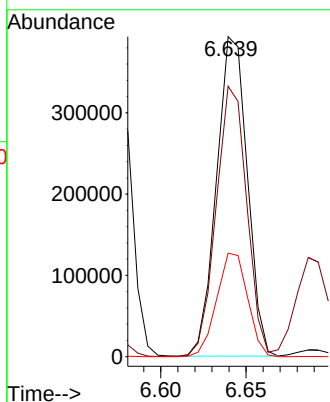
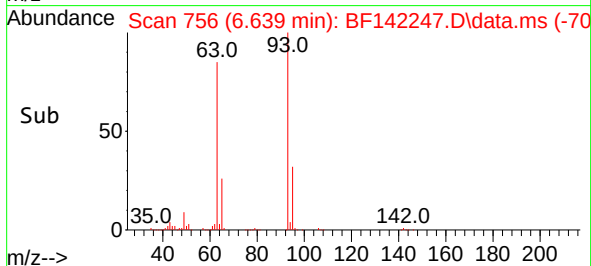
ICVBF043025



Tgt Ion: 93 Resp: 49484
Ion Ratio Lower Upper
93 100
63 84.5 62.2 102.2
95 32.4 12.7 52.7

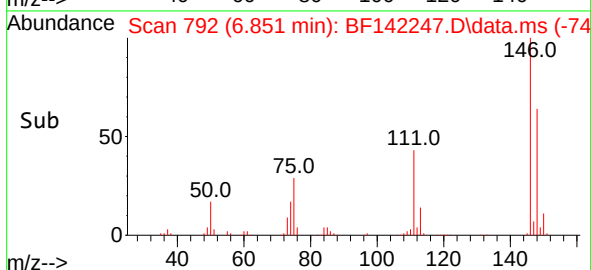
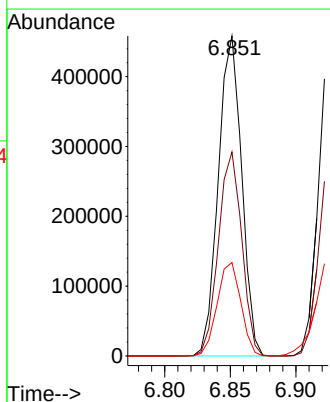
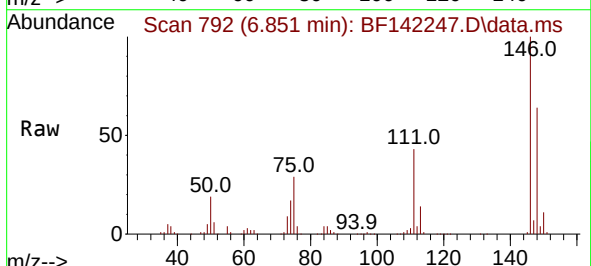
Manual Integrations
APPROVED

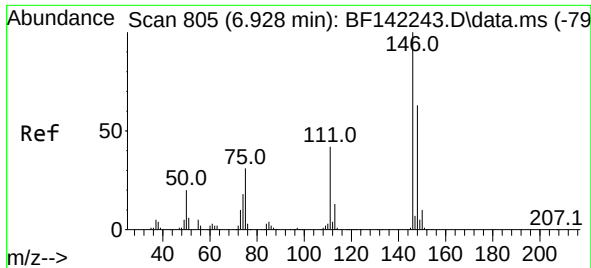
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#12
1,3-Dichlorobenzene
Concen: 41.819 ng
RT: 6.851 min Scan# 792
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

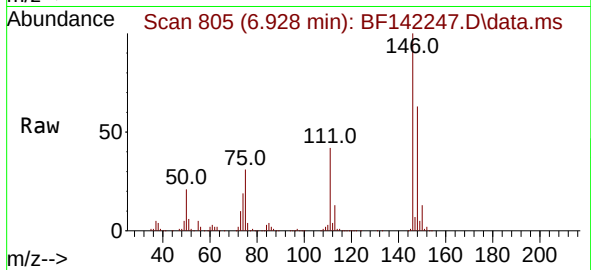
Tgt Ion:146 Resp: 567280
Ion Ratio Lower Upper
146 100
148 63.8 50.5 75.7
75 29.2 23.2 34.8





#13
1,4-Dichlorobenzene
Concen: 41.924 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

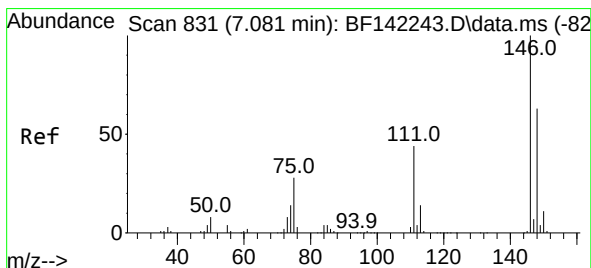
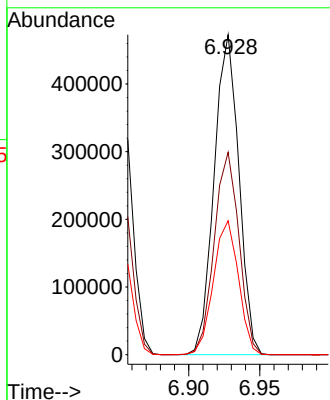
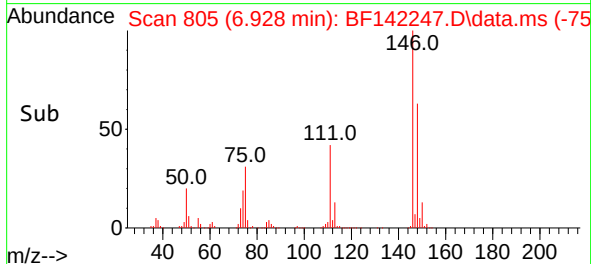
Instrument :
BNA_F
ClientSampleId :
ICVBF043025



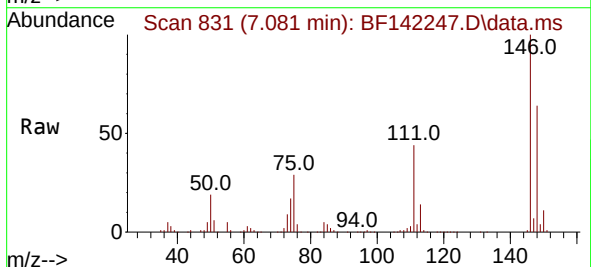
Tgt Ion:146 Resp: 572974
Ion Ratio Lower Upper
146 100
148 63.3 50.6 76.0
111 41.8 33.4 50.0

Manual Integrations
APPROVED

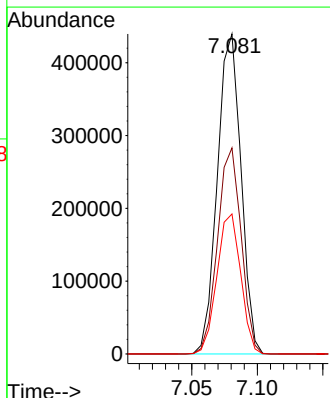
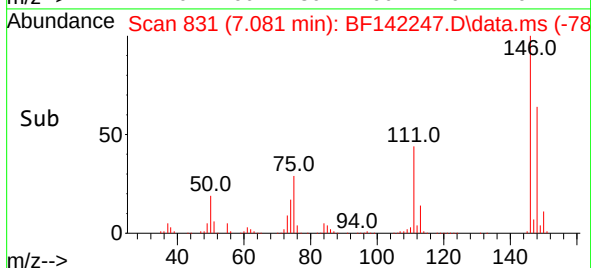
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

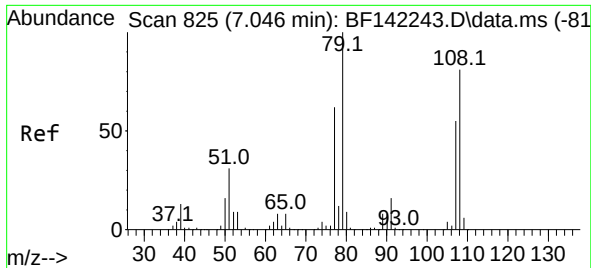


#14
1,2-Dichlorobenzene
Concen: 42.247 ng
RT: 7.081 min Scan# 831
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17



Tgt Ion:146 Resp: 551216
Ion Ratio Lower Upper
146 100
148 64.4 50.5 75.7
111 43.8 34.9 52.3





#15
Benzyl Alcohol
Concen: 43.378 ng
RT: 7.045 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Instrument :

BNA_F

ClientSampleId :

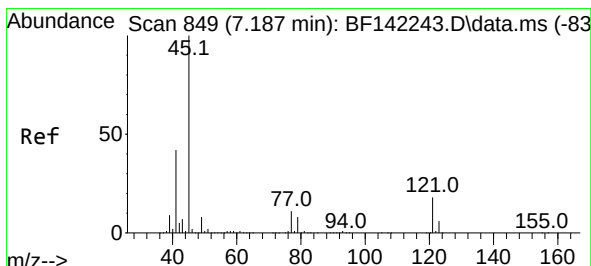
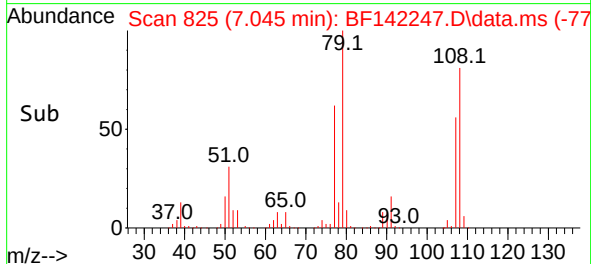
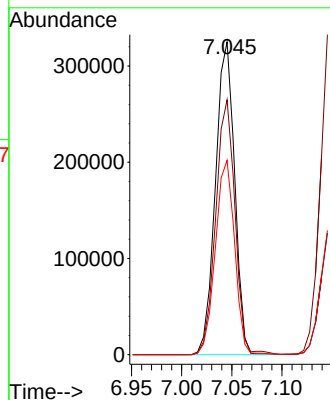
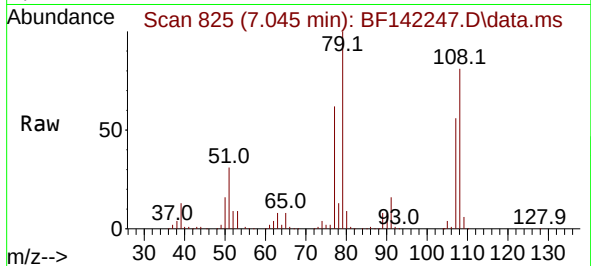
ICVBF043025

Tgt Ion: 79 Resp: 431108
Ion Ratio Lower Upper
79 100
108 81.5 64.5 96.7
77 62.1 49.2 73.8

Manual Integrations

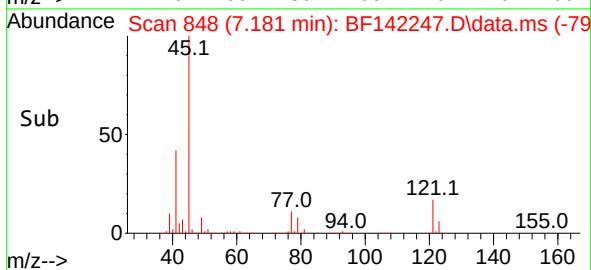
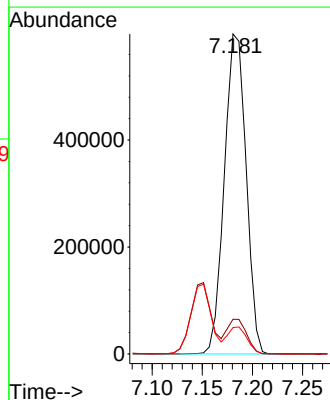
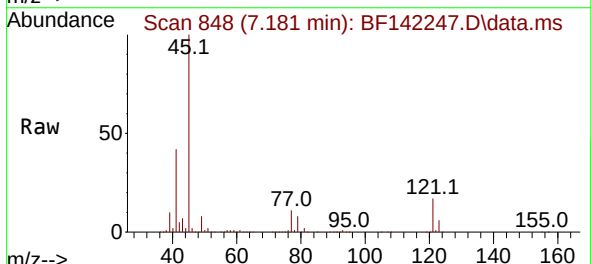
APPROVED

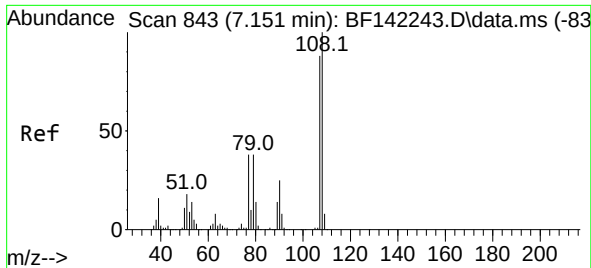
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.684 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion: 45 Resp: 901053
Ion Ratio Lower Upper
45 100
77 10.9 0.0 31.3
79 8.2 0.0 28.5





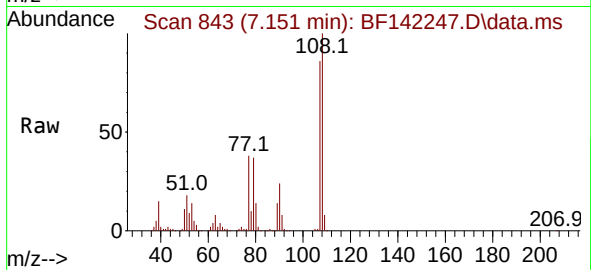
#17
2-Methylphenol
Concen: 42.288 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Instrument :

BNA_F

ClientSampleId :

ICVBF043025



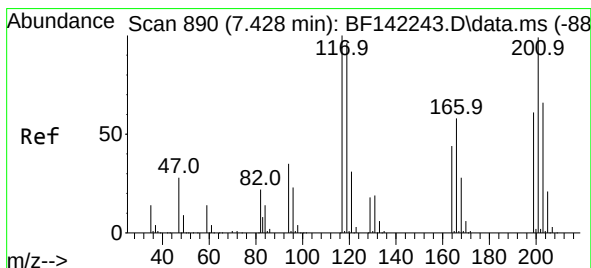
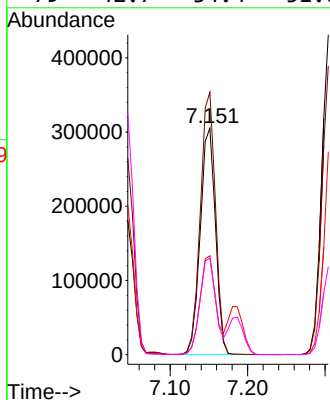
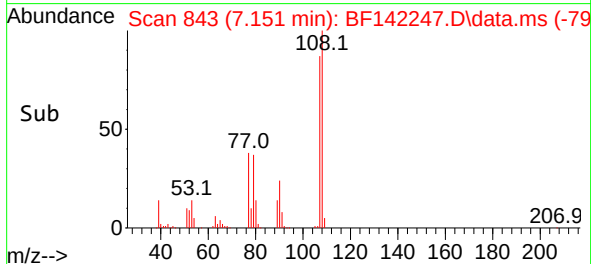
Tgt Ion:107 Resp: 41540
Ion Ratio Lower Upper
107 100
108 116.0 91.0 136.4
77 43.7 34.4 51.6
79 42.7 34.4 51.6

Manual Integrations

APPROVED

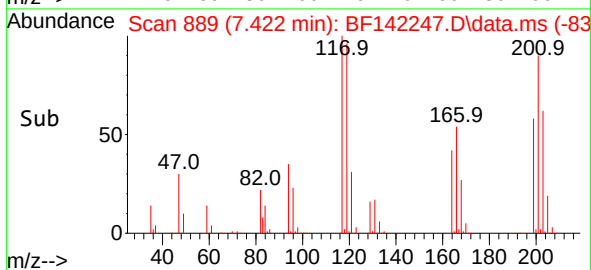
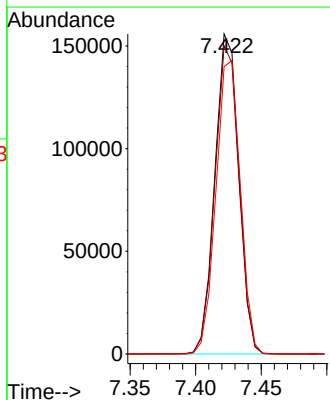
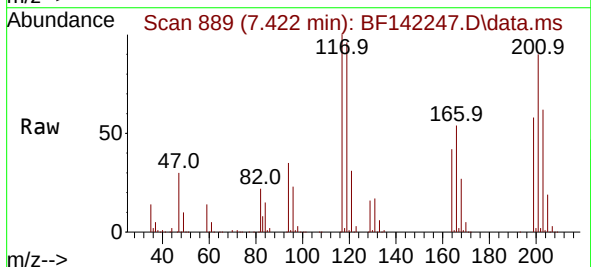
Reviewed By :Rahul Chavli 05/01/2025

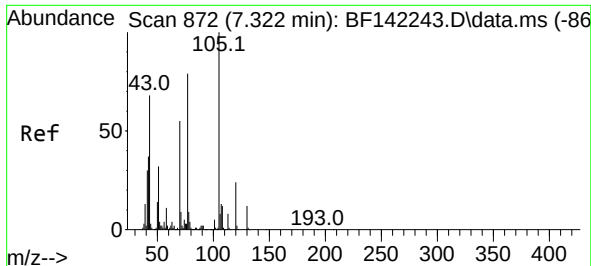
Supervised By :Jagrut Upadhyay 05/01/2025



#18
Hexachloroethane
Concen: 44.255 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:117 Resp: 197959
Ion Ratio Lower Upper
117 100
119 96.3 77.1 115.7
201 89.8 79.4 119.2





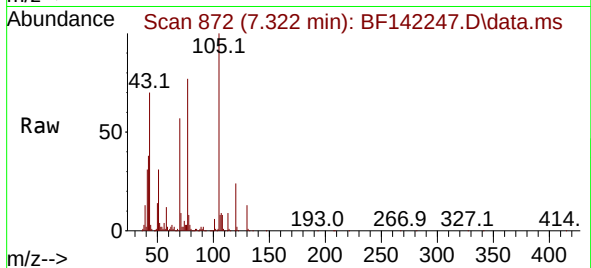
#19
n-Nitroso-di-n-propylamine
Concen: 41.992 ng
RT: 7.322 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Instrument :

BNA_F

ClientSampleId :

ICVBF043025



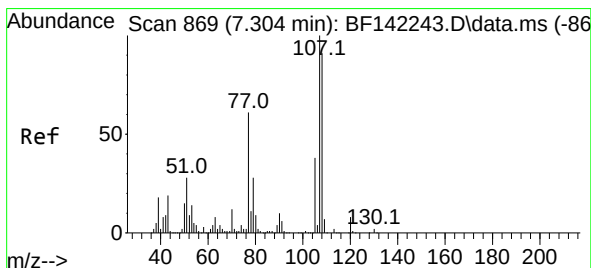
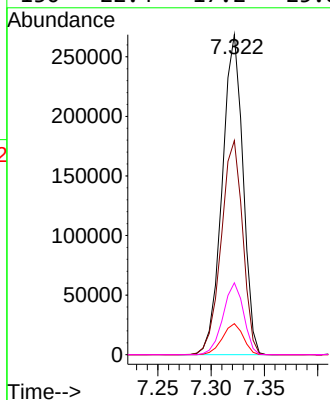
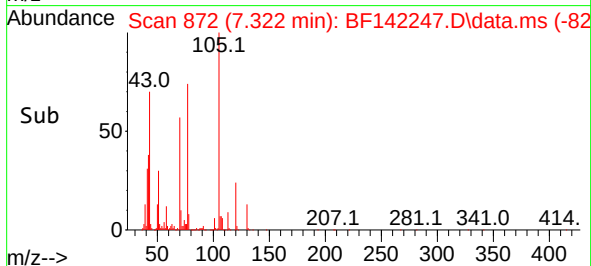
Tgt Ion: 70 Resp: 36362
Ion Ratio Lower Upper
70 100
42 66.9 53.4 80.2
101 9.7 7.7 11.5
130 22.4 17.2 25.8

Manual Integrations

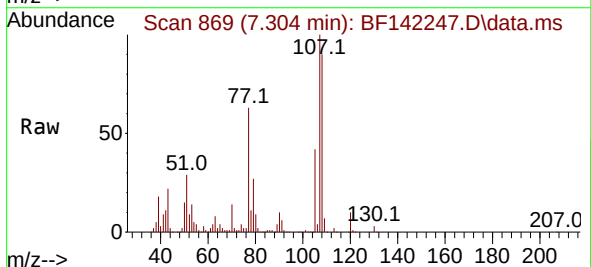
APPROVED

Reviewed By :Rahul Chavli 05/01/2025

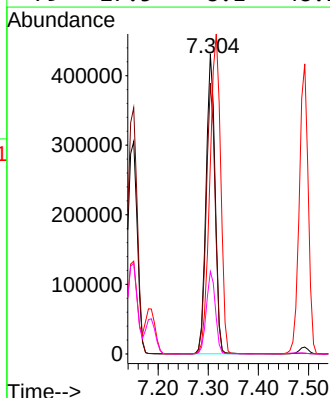
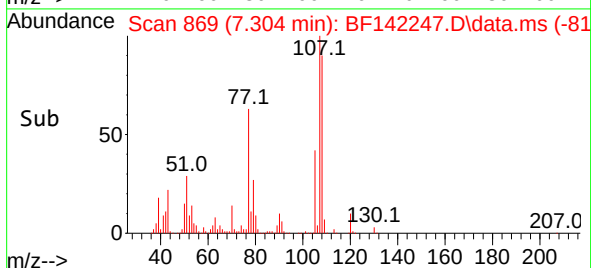
Supervised By :Jagrut Upadhyay 05/01/2025

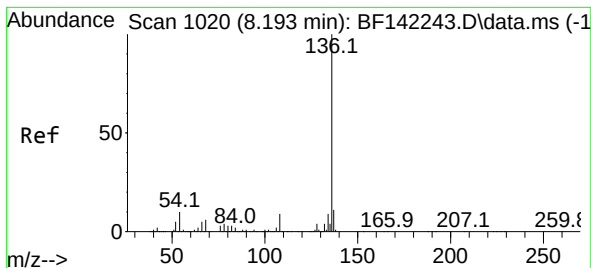


#20
3+4-Methylphenols
Concen: 43.919 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17



Tgt Ion:107 Resp: 539514
Ion Ratio Lower Upper
107 100
108 90.2 71.2 111.2
77 63.5 41.1 81.1
79 27.5 8.1 48.1





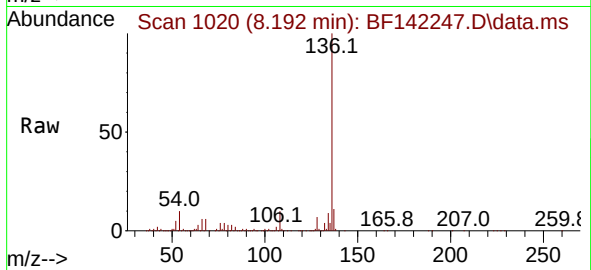
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1020
Delta R.T. -0.001 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Instrument :

BNA_F

ClientSampleId :

ICVBF043025



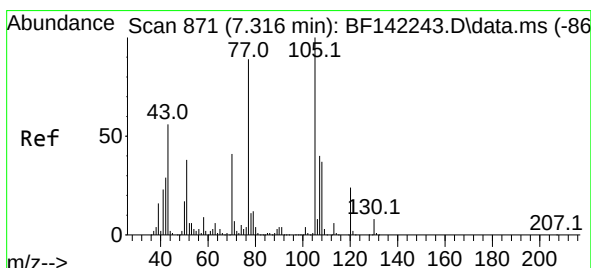
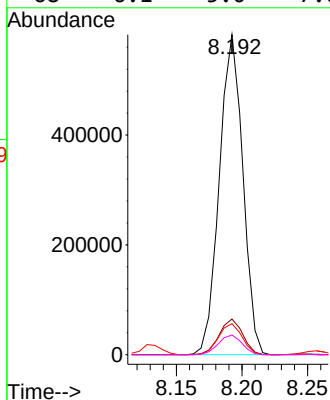
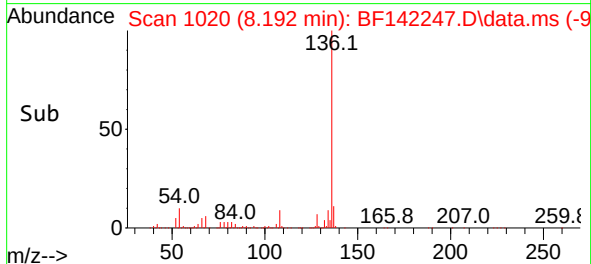
Tgt Ion:136 Resp: 72548
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 9.7 7.7 11.5
68 6.1 5.0 7.6

Manual Integrations

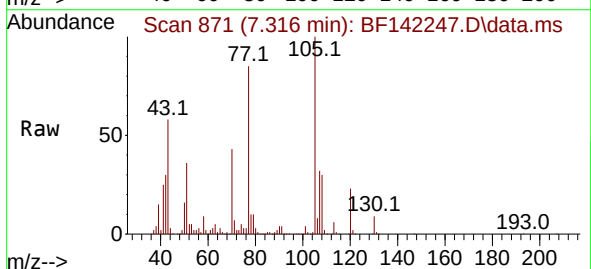
APPROVED

Reviewed By :Rahul Chavli 05/01/2025

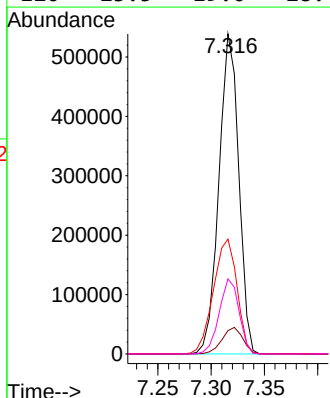
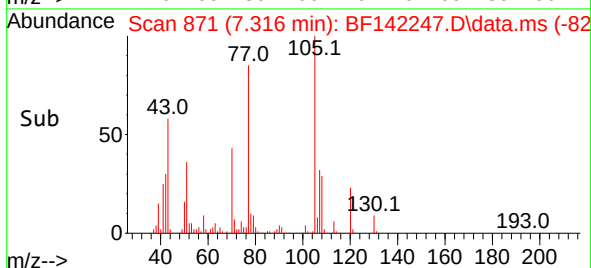
Supervised By :Jagrut Upadhyay 05/01/2025

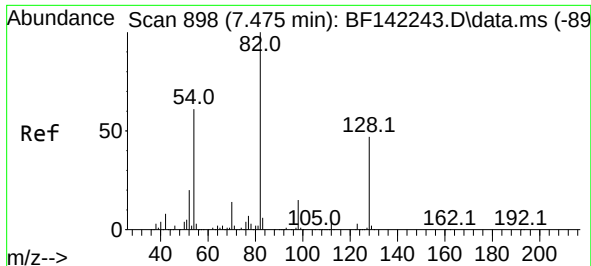


#22
Acetophenone
Concen: 41.441 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17



Tgt Ion:105 Resp: 695539
Ion Ratio Lower Upper
105 100
71 7.3 5.7 8.5
51 35.9 30.1 45.1
120 23.5 19.0 28.4





#23

Nitrobenzene-d5

Concen: 98.845 ng

RT: 7.469 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF142247.D

Acq: 30 Apr 2025 16:17

Instrument :

BNA_F

ClientSampleId :

ICVBF043025

Tgt Ion: 82 Resp: 109152

Ion Ratio Lower Upper

82 100

128 45.7 37.0 55.6

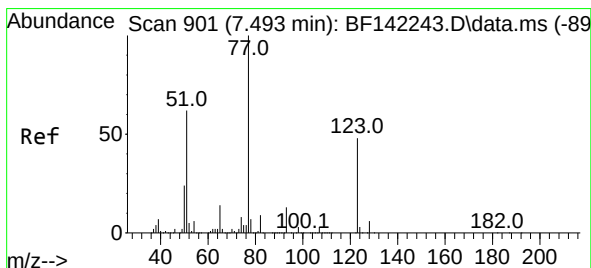
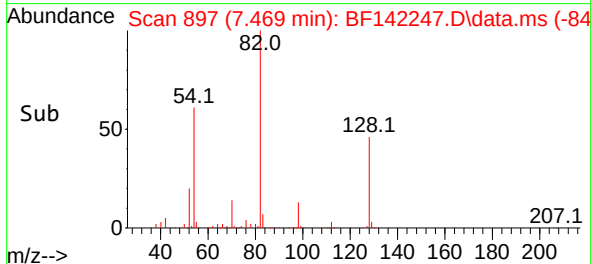
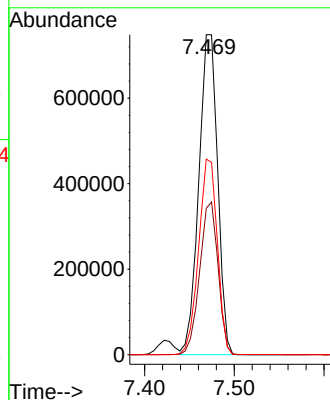
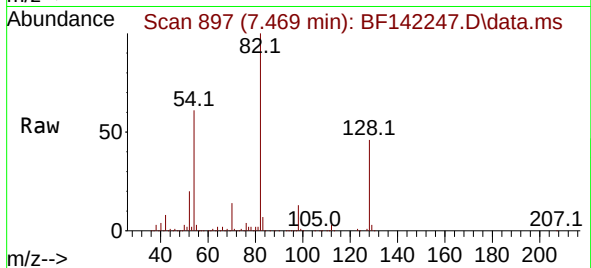
54 61.2 48.0 72.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#24

Nitrobenzene

Concen: 47.402 ng

RT: 7.492 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF142247.D

Acq: 30 Apr 2025 16:17

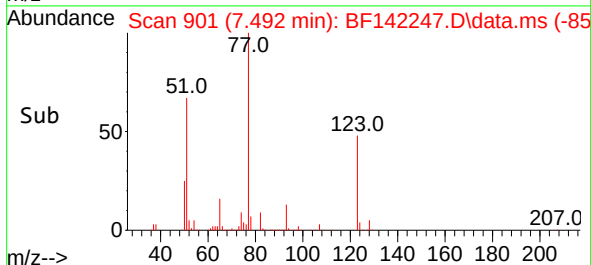
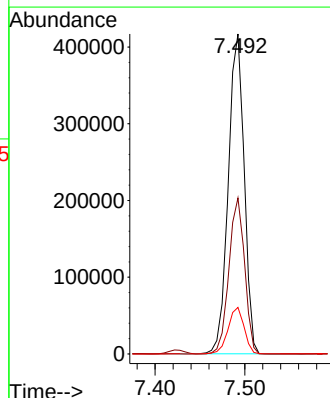
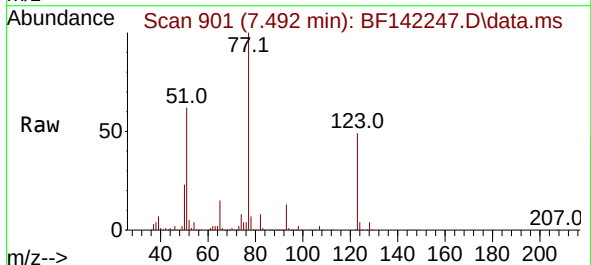
Tgt Ion: 77 Resp: 513604

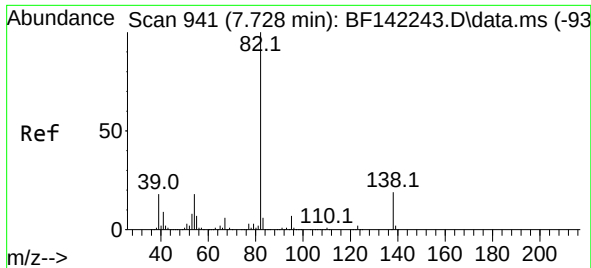
Ion Ratio Lower Upper

77 100

123 48.8 38.6 58.0

65 14.5 11.5 17.3





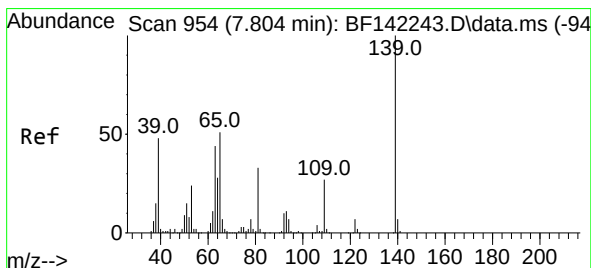
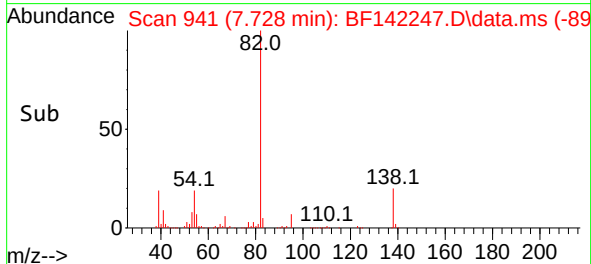
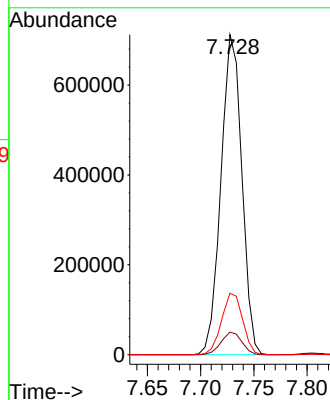
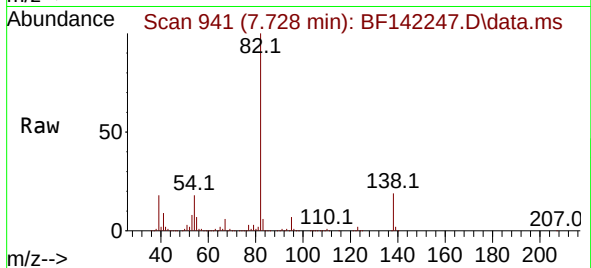
#25
Isophorone
Concen: 41.789 ng
RT: 7.728 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Instrument :
BNA_F
ClientSampleId :
ICVBF043025

Tgt Ion: 82 Resp: 968502
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 19.2 15.3 22.9

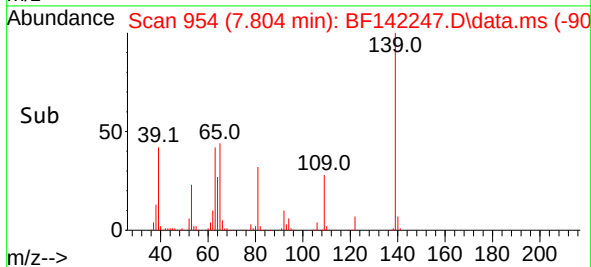
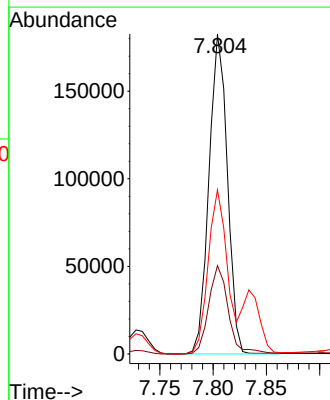
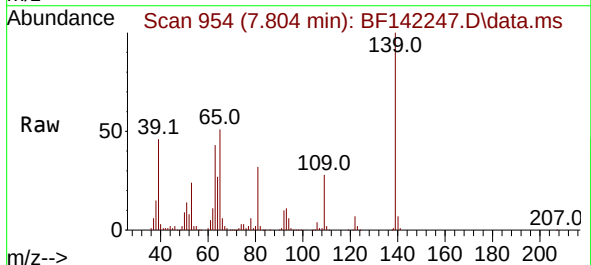
Manual Integrations
APPROVED

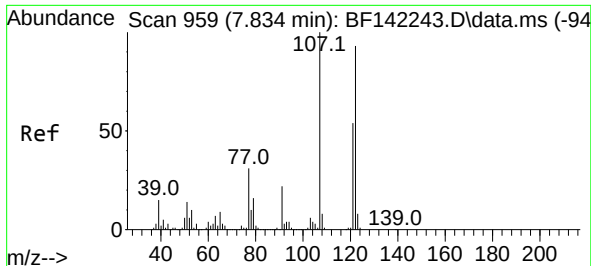
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#26
2-Nitrophenol
Concen: 48.175 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:139 Resp: 219881
Ion Ratio Lower Upper
139 100
109 27.6 21.8 32.8
65 51.2 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 43.004 ng

RT: 7.833 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142247.D

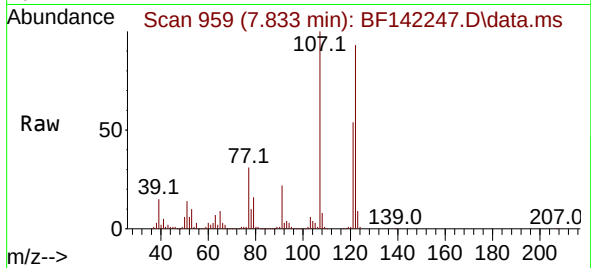
Acq: 30 Apr 2025 16:17

Instrument :

BNA_F

ClientSampleId :

ICVBF043025



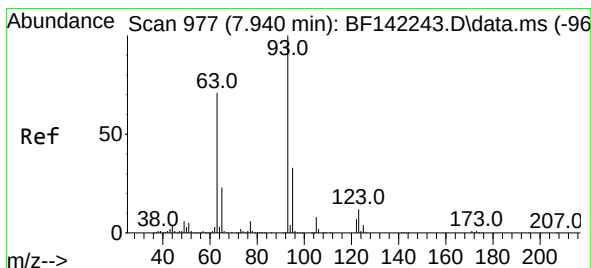
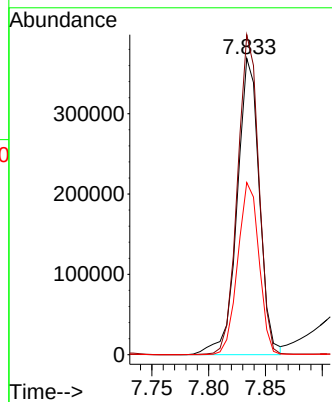
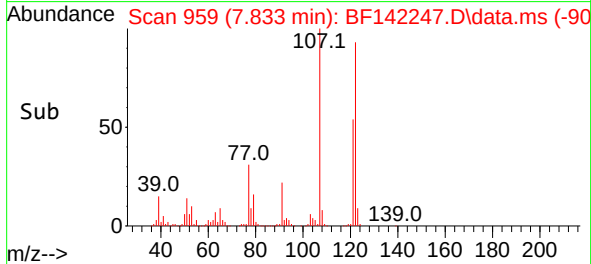
Tgt Ion:	122	Resp:	502502
Ion Ratio	Lower	Upper	
122	100		
107	108.0	86.0	129.0
121	58.1	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#28

bis(2-Chloroethoxy)methane

Concen: 41.780 ng

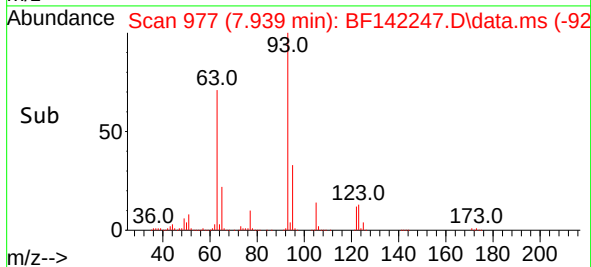
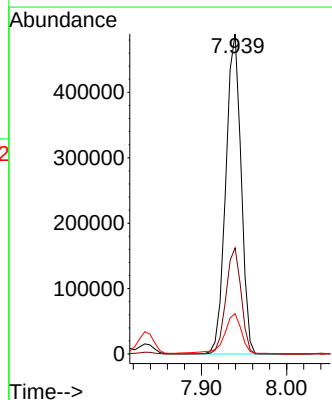
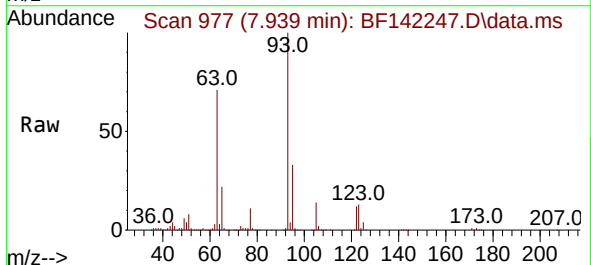
RT: 7.939 min Scan# 977

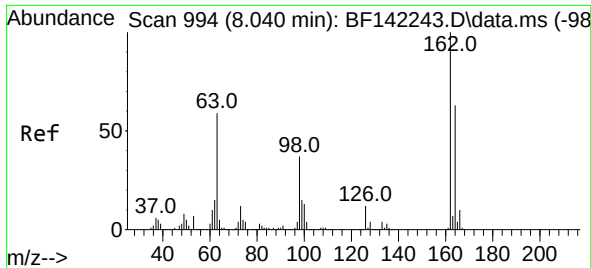
Delta R.T. -0.000 min

Lab File: BF142247.D

Acq: 30 Apr 2025 16:17

Tgt Ion:	93	Resp:	610669
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.2	39.2
123	12.6	9.7	14.5





#29
2,4-Dichlorophenol
Concen: 44.013 ng
RT: 8.039 min Scan# 994
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Instrument :

BNA_F

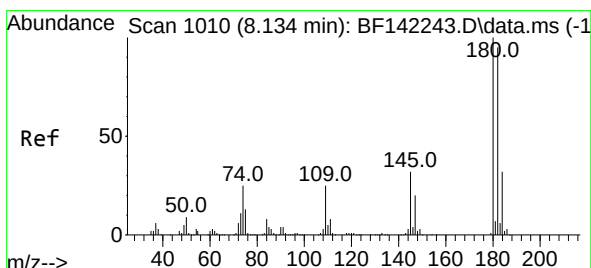
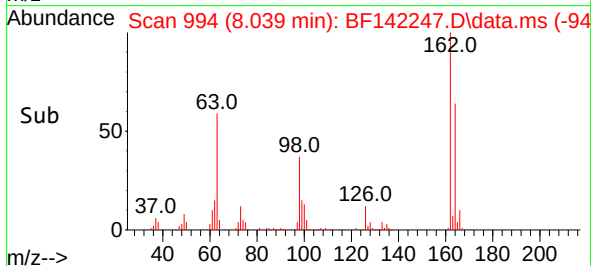
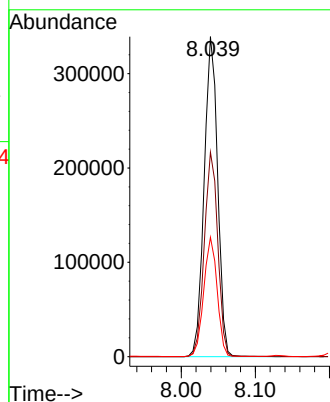
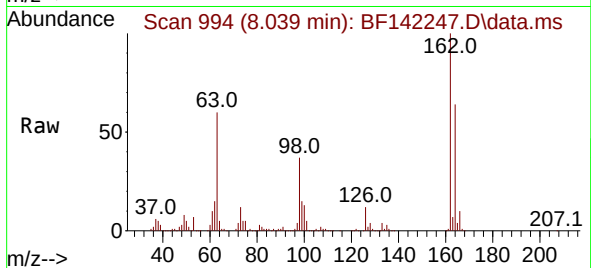
ClientSampleId :

ICVBF043025

Tgt Ion:162 Resp: 42996
Ion Ratio Lower Upper
162 100
164 63.9 43.0 83.0
98 37.3 16.7 56.7

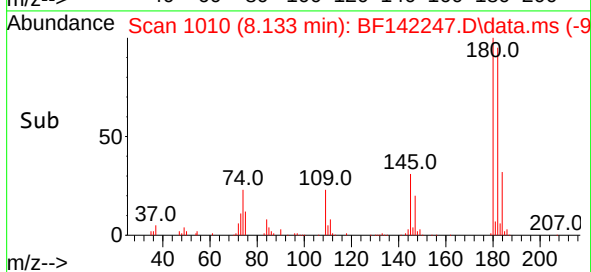
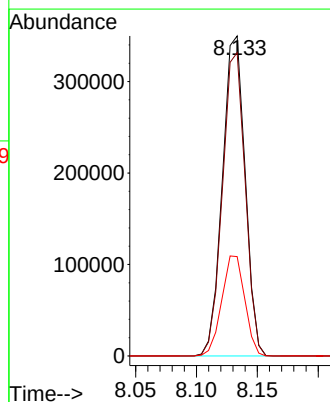
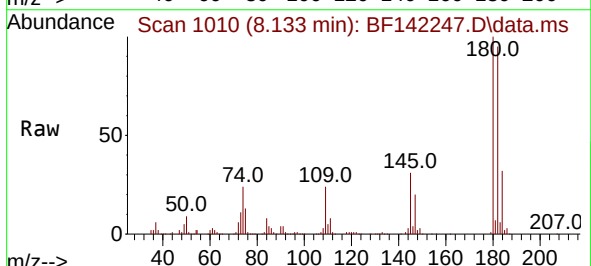
Manual Integrations
APPROVED

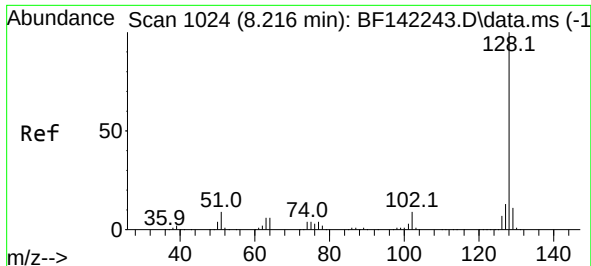
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#30
1,2,4-Trichlorobenzene
Concen: 41.724 ng
RT: 8.133 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

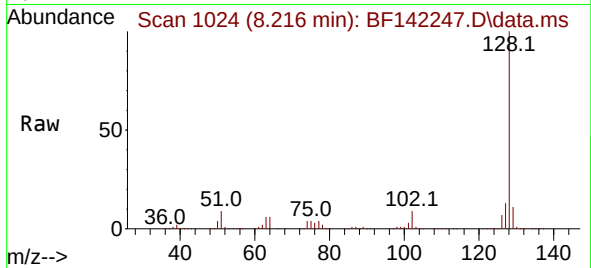
Tgt Ion:180 Resp: 454848
Ion Ratio Lower Upper
180 100
182 94.8 75.7 113.5
145 31.1 25.4 38.0





#31
Naphthalene
Concen: 41.005 ng
RT: 8.216 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

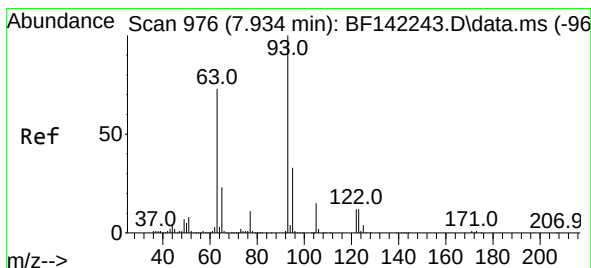
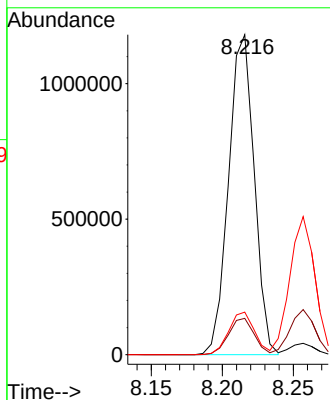
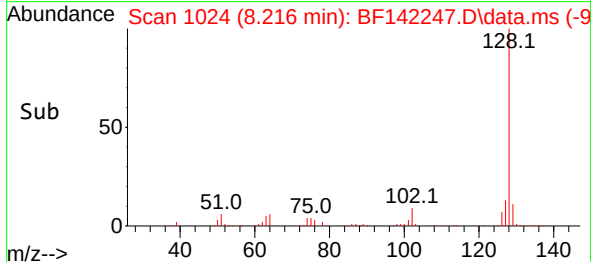
Instrument :
BNA_F
ClientSampleId :
ICVBF043025



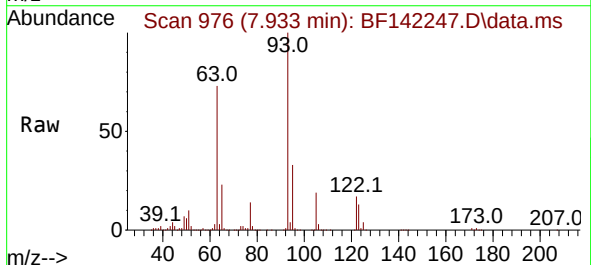
Tgt Ion:128 Resp: 148356
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.3 10.6 15.8

Manual Integrations
APPROVED

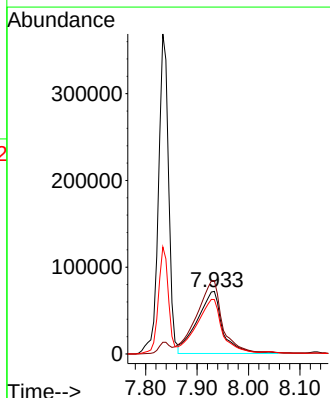
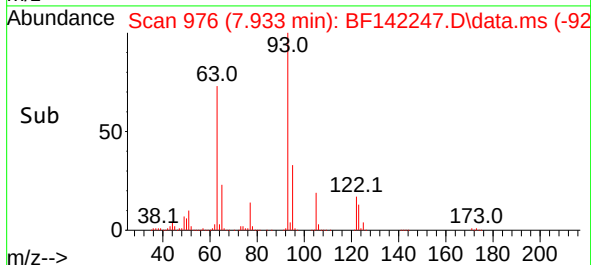
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

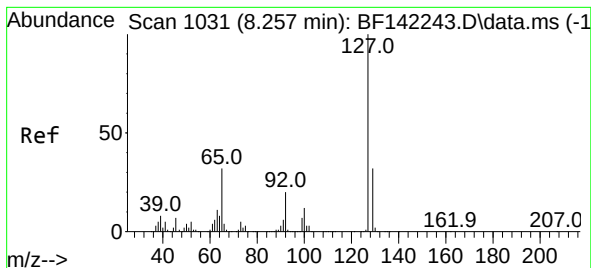


#32
Benzoic acid
Concen: 45.113 ng m
RT: 7.933 min Scan# 976
Delta R.T. -0.001 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17



Tgt Ion:122 Resp: 246172
Ion Ratio Lower Upper
122 100
105 117.2 98.2 138.2
77 86.9 66.8 106.8





#33
4-Chloroaniline
Concen: 41.344 ng
RT: 8.257 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Instrument :

BNA_F

ClientSampleId :

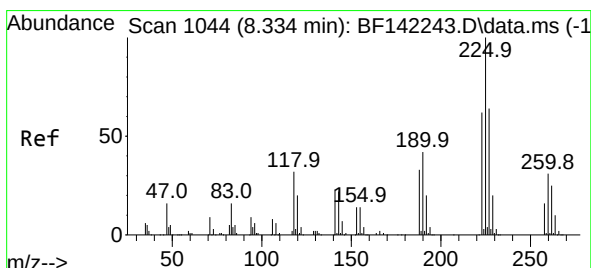
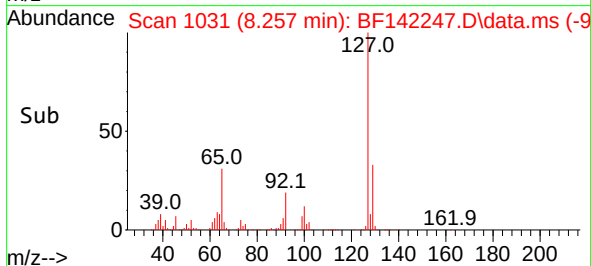
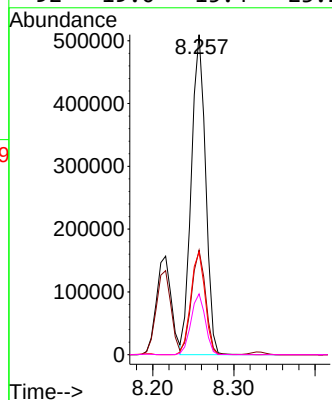
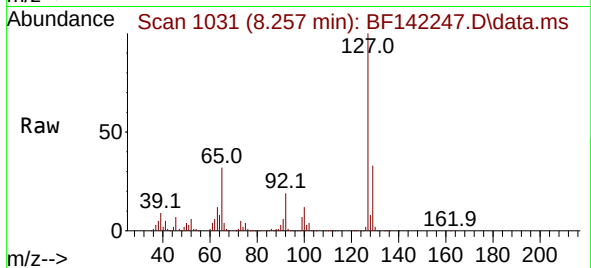
ICVBF043025

Tgt Ion:127	Resp: 622894
Ion Ratio	Lower Upper
127 100	
129 32.7	26.1 39.1
65 32.0	25.5 38.3
92 19.0	15.4 23.2

Manual Integrations

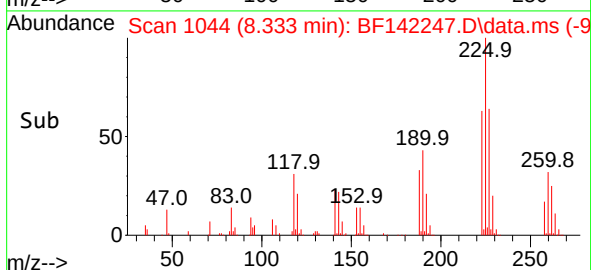
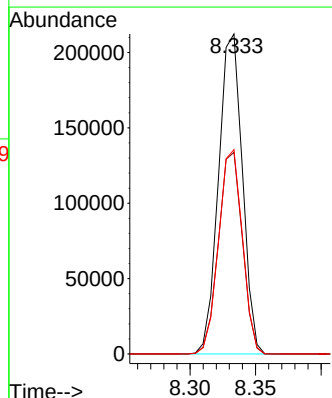
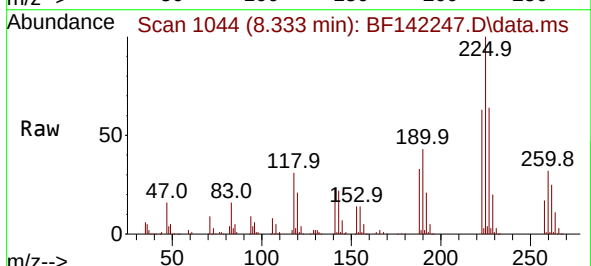
APPROVED

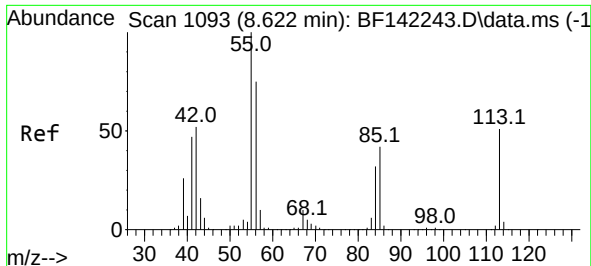
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#34
Hexachlorobutadiene
Concen: 42.127 ng
RT: 8.333 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:225	Resp: 267940
Ion Ratio	Lower Upper
225 100	
223 63.0	49.7 74.5
227 63.9	51.0 76.4





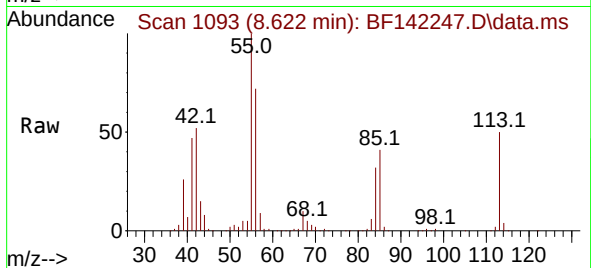
#35
Caprolactam
Concen: 44.434 ng
RT: 8.622 min Scan# 1093
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Instrument :

BNA_F

ClientSampleId :

ICVBF043025

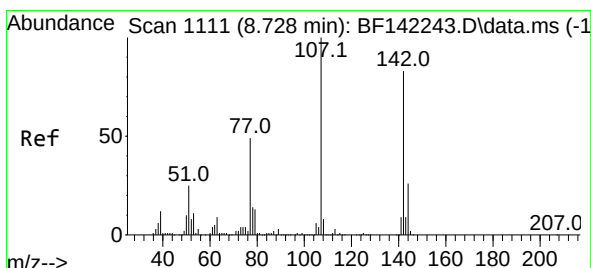
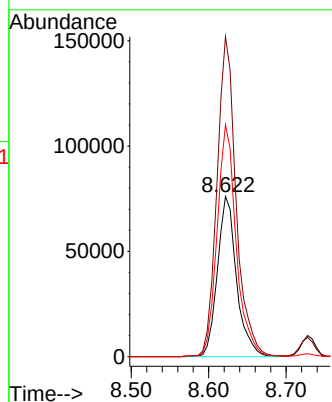
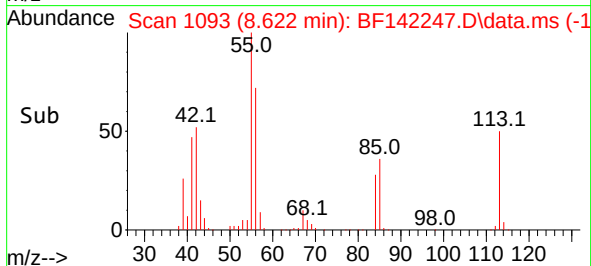


Tgt Ion:113 Resp: 13047
Ion Ratio Lower Upper
113 100
55 199.6 177.7 217.7
56 144.7 127.1 167.1

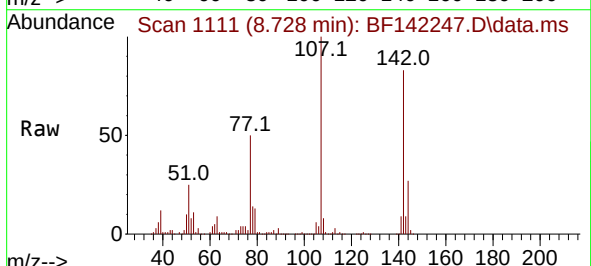
Manual Integrations

APPROVED

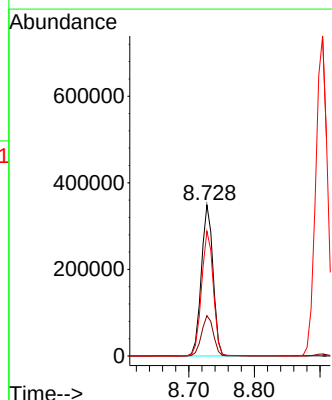
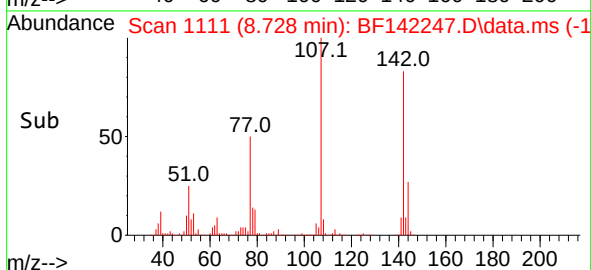
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

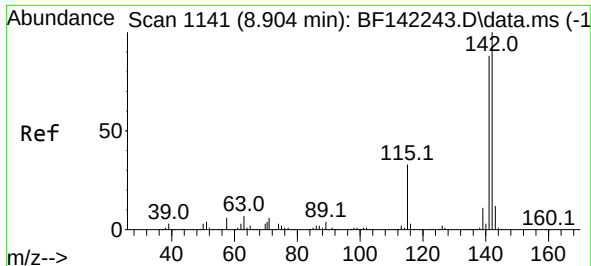


#36
4-Chloro-3-methylphenol
Concen: 43.485 ng
RT: 8.728 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17



Tgt Ion:107 Resp: 436215
Ion Ratio Lower Upper
107 100
144 26.7 21.0 31.4
142 82.5 66.1 99.1





#37

2-Methylnaphthalene

Concen: 41.155 ng

RT: 8.904 min Scan# 1141

Delta R.T. -0.000 min

Lab File: BF142247.D

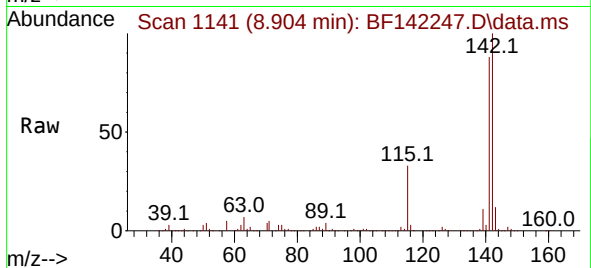
Acq: 30 Apr 2025 16:17

Instrument :

BNA_F

ClientSampleId :

ICVBF043025



Tgt Ion:142 Resp: 915474

Ion Ratio Lower Upper

142 100

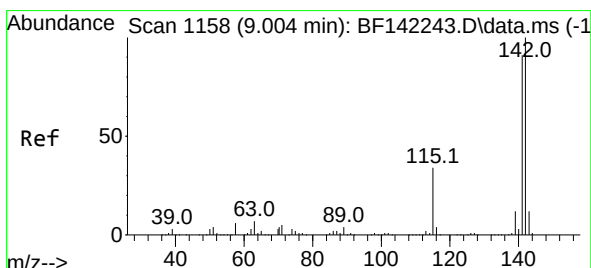
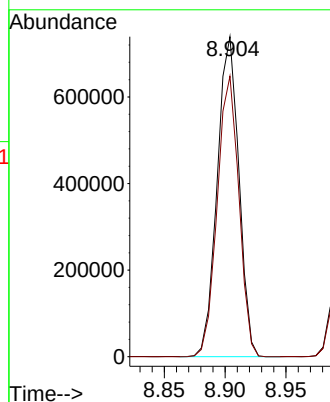
141 87.6 70.5 105.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#38

1-Methylnaphthalene

Concen: 41.232 ng

RT: 9.004 min Scan# 1158

Delta R.T. -0.000 min

Lab File: BF142247.D

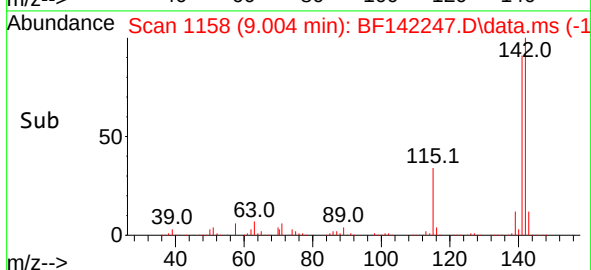
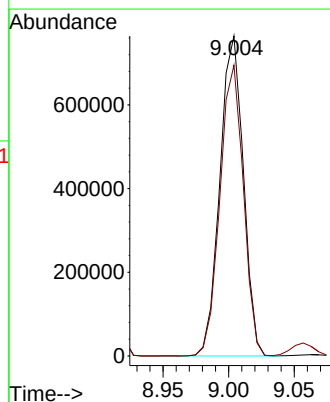
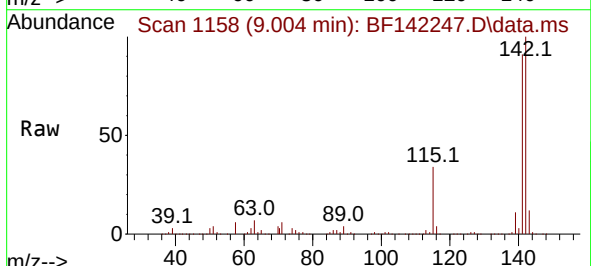
Acq: 30 Apr 2025 16:17

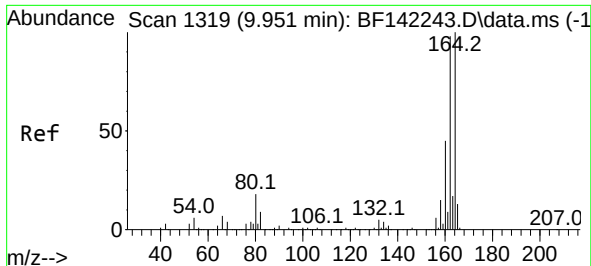
Tgt Ion:142 Resp: 950163

Ion Ratio Lower Upper

142 100

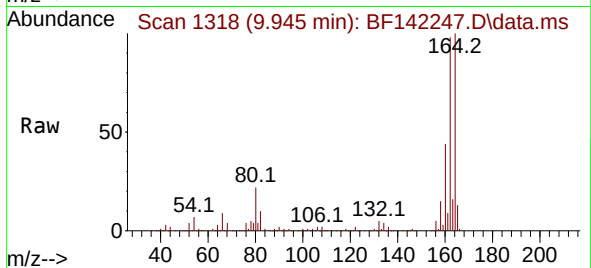
141 90.9 72.8 109.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

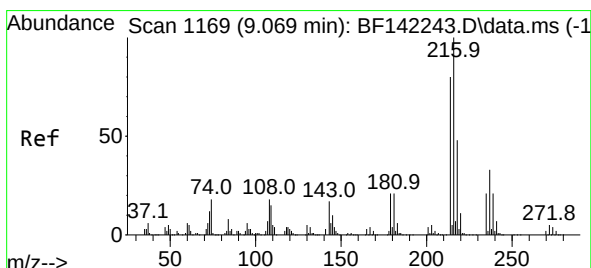
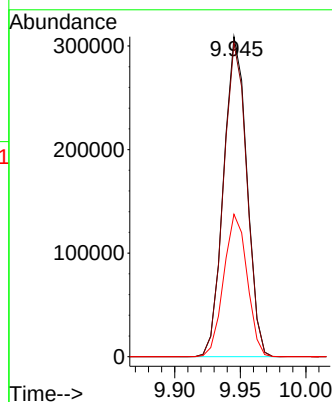
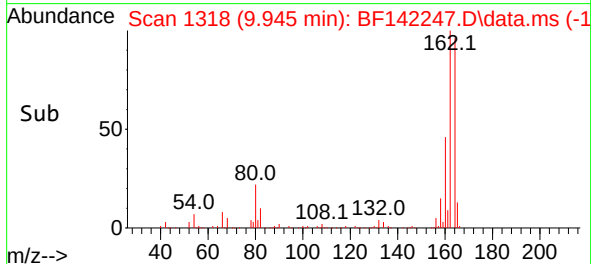
Instrument :
BNA_F
ClientSampleId :
ICVBF043025



Tgt Ion:164 Resp: 381170
Ion Ratio Lower Upper
164 100
162 98.0 78.6 117.8
160 44.5 35.7 53.5

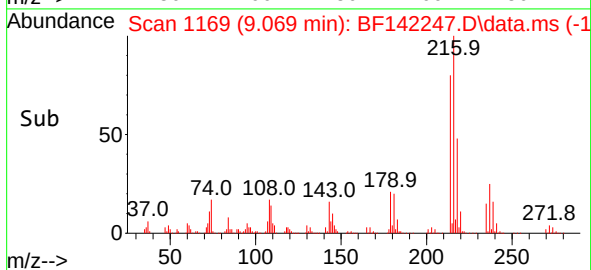
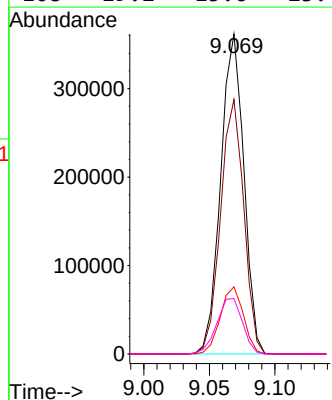
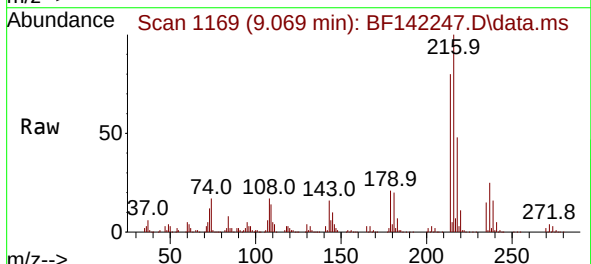
Manual Integrations
APPROVED

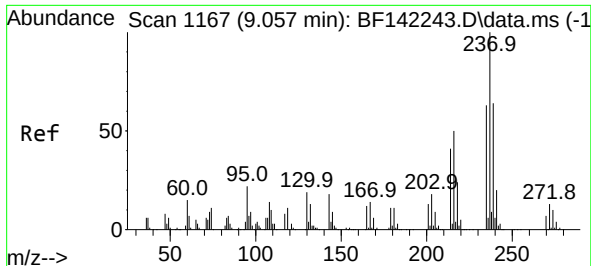
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.349 ng
RT: 9.069 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

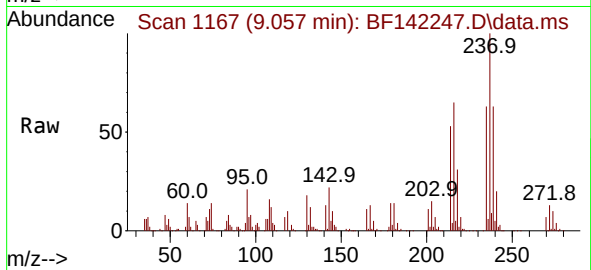
Tgt Ion:216 Resp: 443561
Ion Ratio Lower Upper
216 100
214 79.6 63.8 95.6
179 21.0 16.7 25.1
108 19.2 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 47.321 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

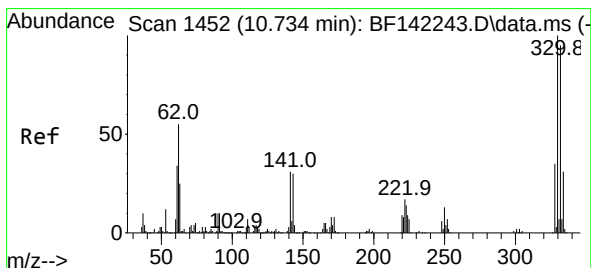
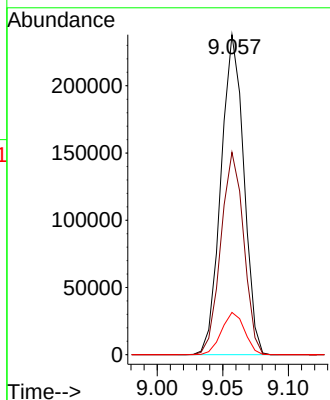
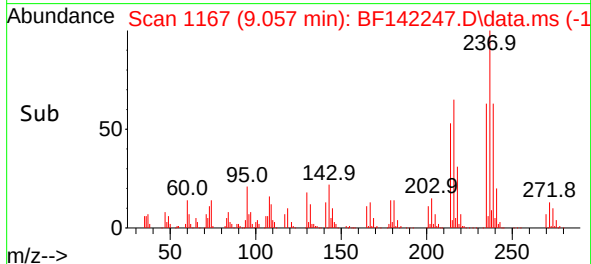
Instrument :
BNA_F
ClientSampleId :
ICVBF043025



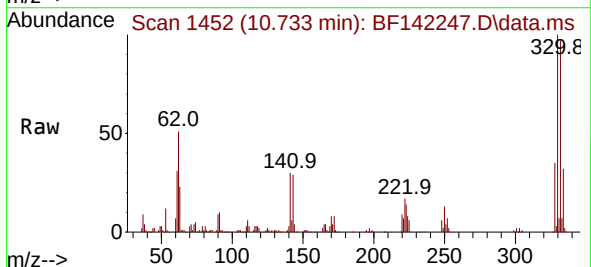
Tgt Ion:237 Resp: 28810
Ion Ratio Lower Upper
237 100
235 63.3 43.5 83.5
272 13.2 0.0 32.9

Manual Integrations
APPROVED

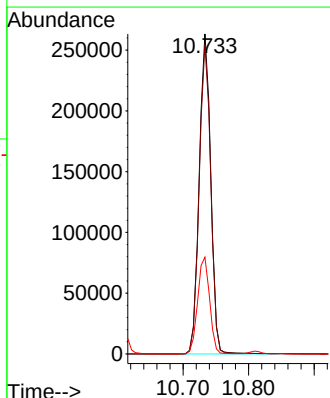
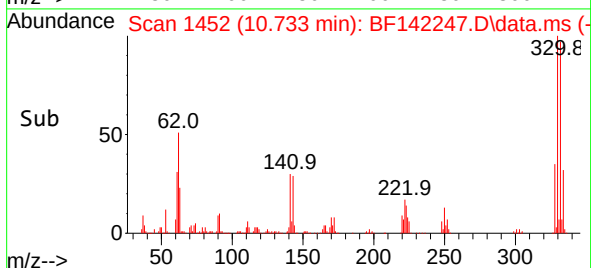
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

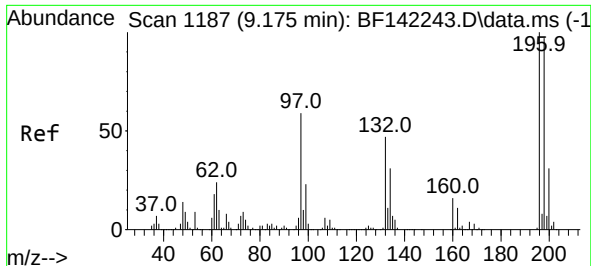


#42
2,4,6-Tribromophenol
Concen: 93.044 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17



Tgt Ion:330 Resp: 323319
Ion Ratio Lower Upper
330 100
332 96.9 76.5 114.7
141 31.4 24.3 36.5





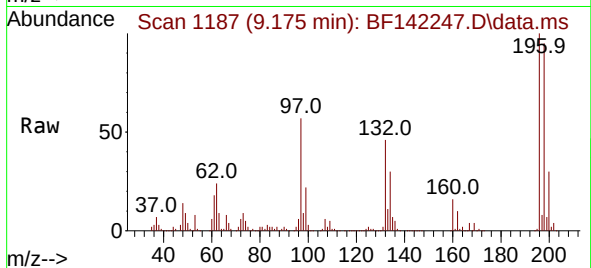
#43
2,4,6-Trichlorophenol
Concen: 45.713 ng
RT: 9.175 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Instrument :

BNA_F

ClientSampleId :

ICVBF043025



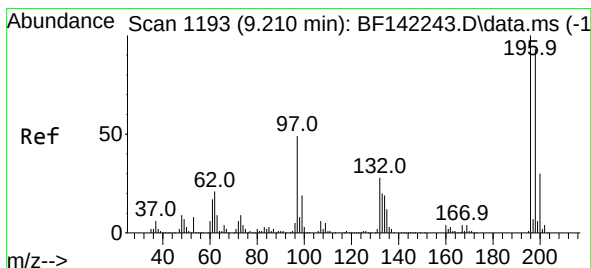
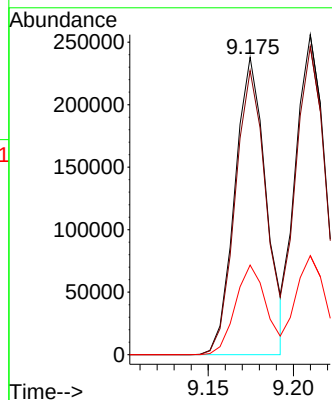
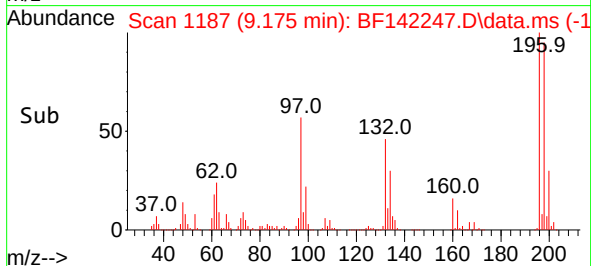
Tgt Ion:196 Resp: 303872
Ion Ratio Lower Upper
196 100
198 95.5 77.4 116.2
200 30.1 24.6 37.0

Manual Integrations

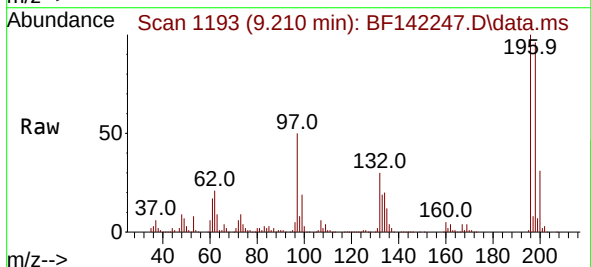
APPROVED

Reviewed By :Rahul Chavli 05/01/2025

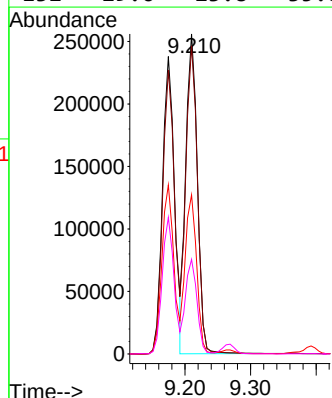
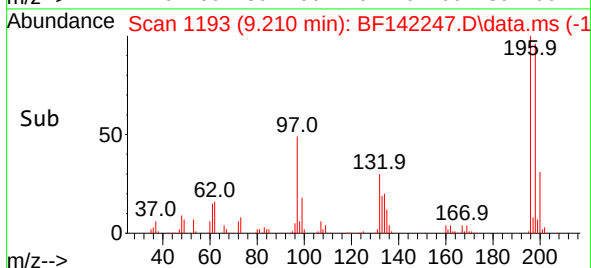
Supervised By :Jagrut Upadhyay 05/01/2025

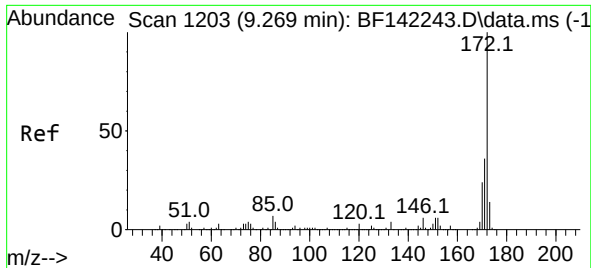


#44
2,4,5-Trichlorophenol
Concen: 44.676 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17



Tgt Ion:196 Resp: 312237
Ion Ratio Lower Upper
196 100
198 96.3 75.2 112.8
97 49.7 39.8 59.8
132 29.6 23.8 35.8





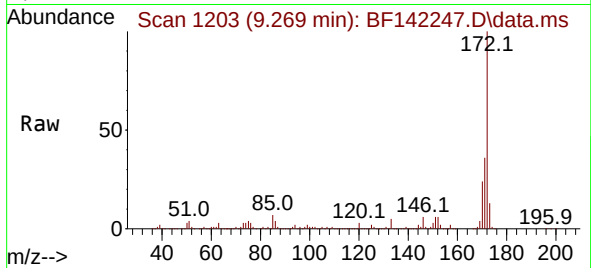
#45
2-Fluorobiphenyl
Concen: 79.807 ng
RT: 9.269 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Instrument :

BNA_F

ClientSampleId :

ICVBF043025

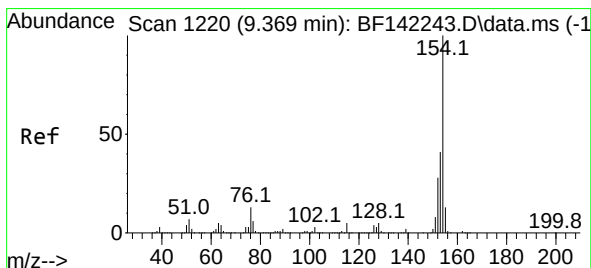
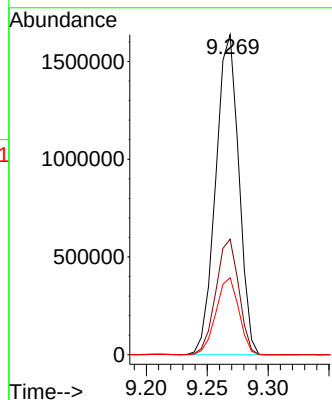
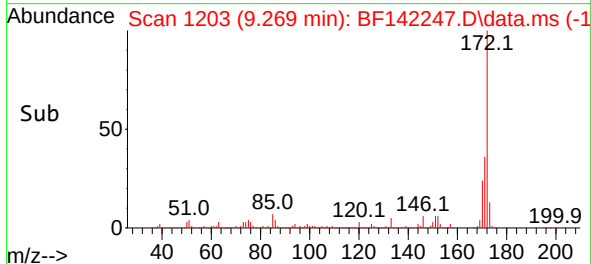


Tgt Ion:172 Resp: 2157499
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.4
170 24.0 19.4 29.0

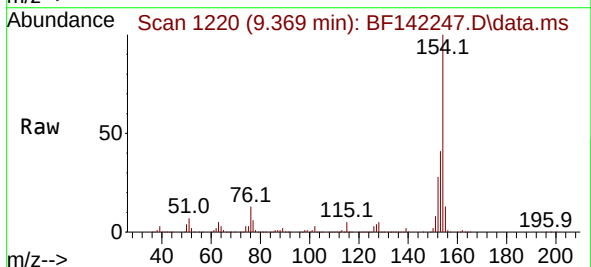
Manual Integrations

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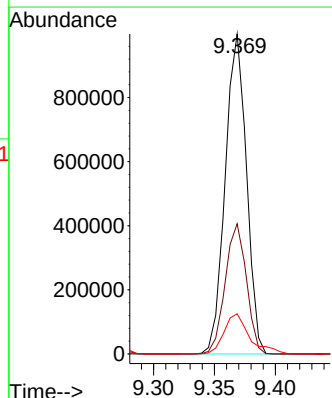
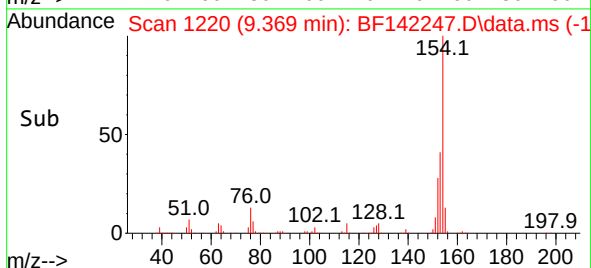
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

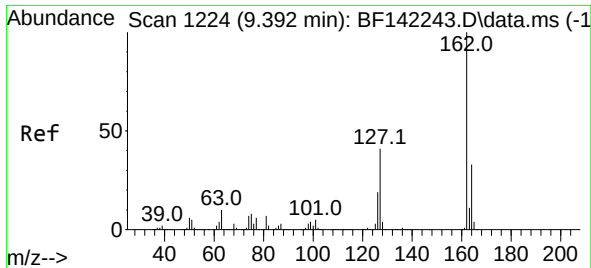


#46
1,1'-Biphenyl
Concen: 40.936 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17



Tgt Ion:154 Resp: 1213047
Ion Ratio Lower Upper
154 100
153 40.7 20.5 60.5
76 12.6 0.0 32.8





#47

2-Chloronaphthalene

Concen: 41.003 ng

RT: 9.392 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142247.D

Acq: 30 Apr 2025 16:17

Instrument :

BNA_F

ClientSampleId :

ICVBF043025

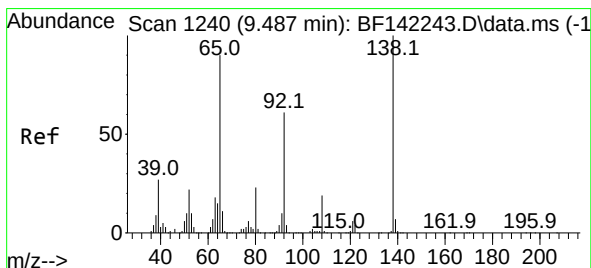
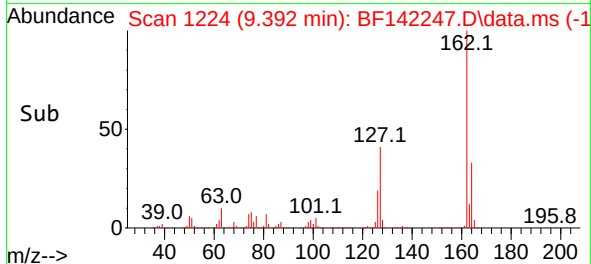
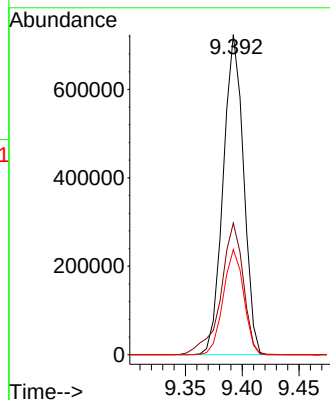
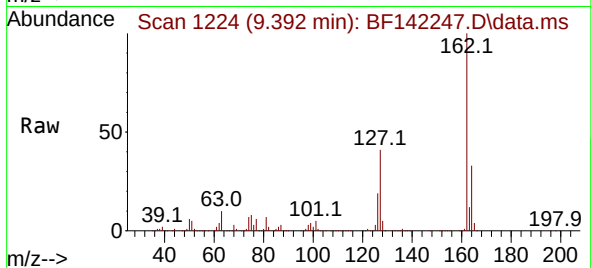
Tgt Ion:162 Resp: 903974
 Ion Ratio Lower Upper
 162 100
 127 41.2 32.6 49.0
 164 32.8 26.1 39.1

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#48

2-Nitroaniline

Concen: 46.523 ng

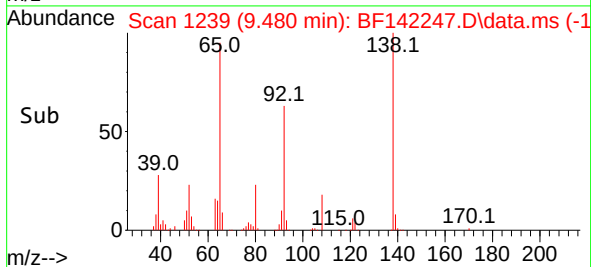
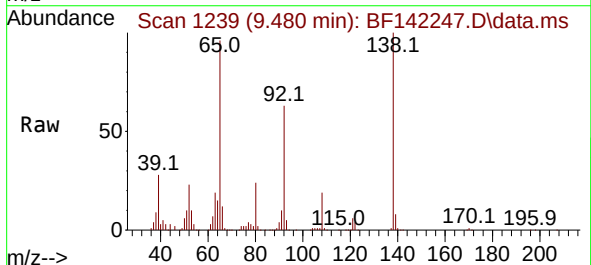
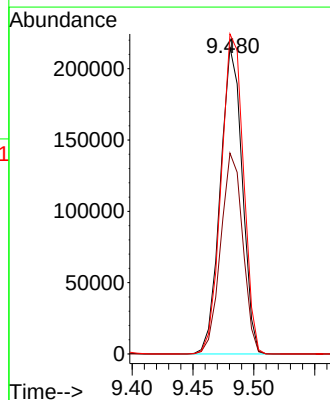
RT: 9.480 min Scan# 1239

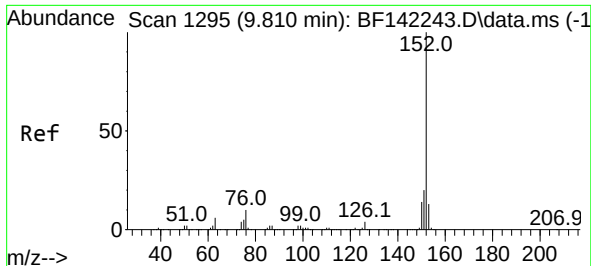
Delta R.T. -0.007 min

Lab File: BF142247.D

Acq: 30 Apr 2025 16:17

Tgt Ion: 65 Resp: 269528
 Ion Ratio Lower Upper
 65 100
 92 65.5 54.3 81.5
 138 104.3 88.6 133.0





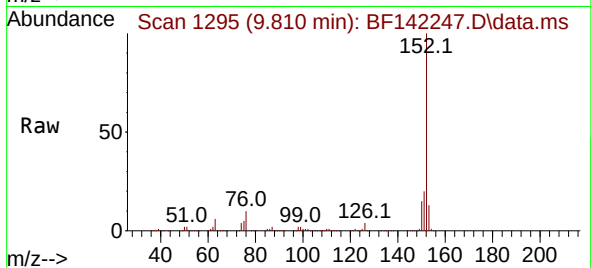
#49
Acenaphthylene
Concen: 41.211 ng
RT: 9.810 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Instrument :

BNA_F

ClientSampleId :

ICVBF043025



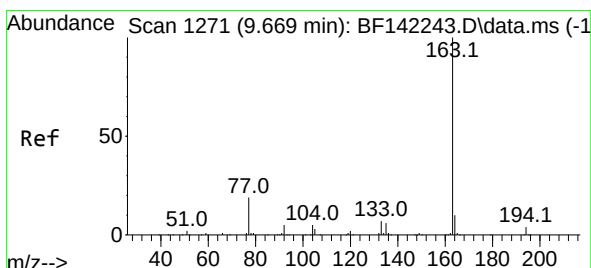
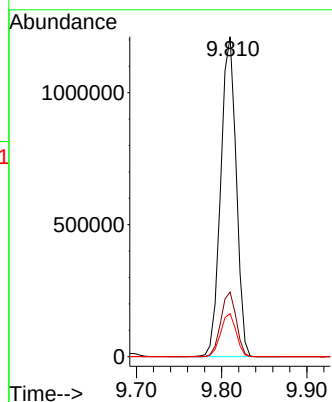
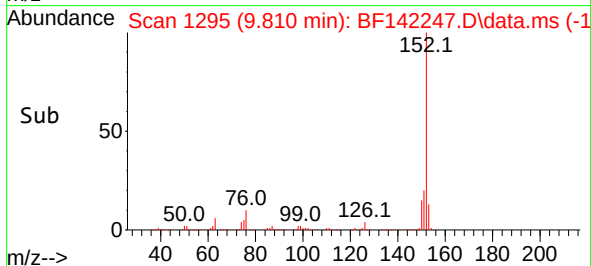
Tgt Ion:152 Resp: 1533164
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.4 10.7 16.1

Manual Integrations

APPROVED

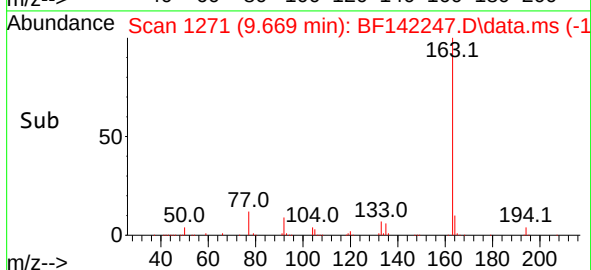
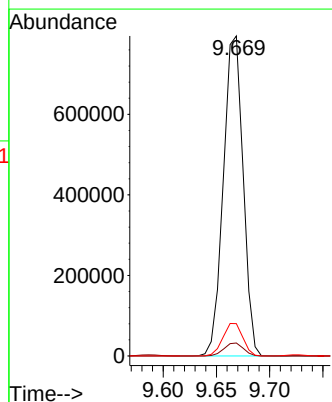
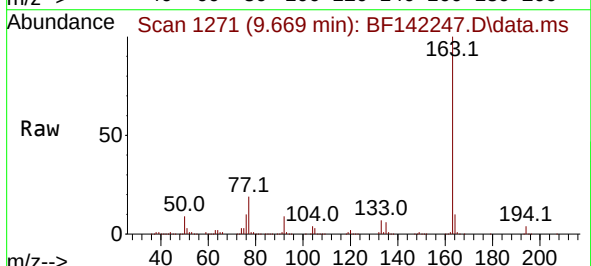
Reviewed By :Rahul Chavli 05/01/2025

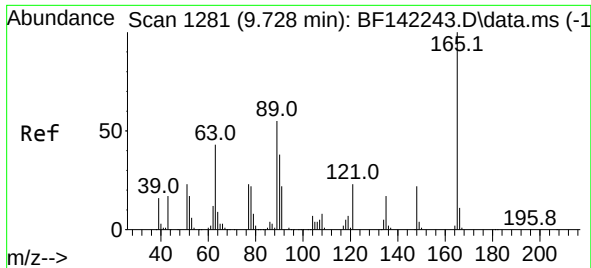
Supervised By :Jagrut Upadhyay 05/01/2025



#50
Dimethylphthalate
Concen: 42.054 ng
RT: 9.669 min Scan# 1271
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

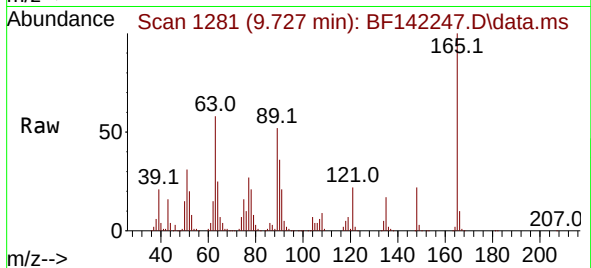
Tgt Ion:163 Resp: 1025498
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 45.376 ng
RT: 9.727 min Scan# 1281
Delta R.T. -0.001 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

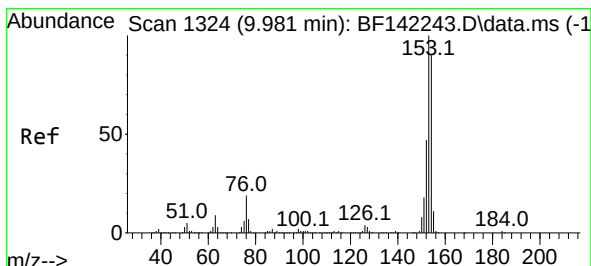
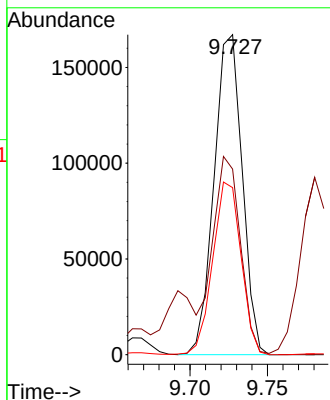
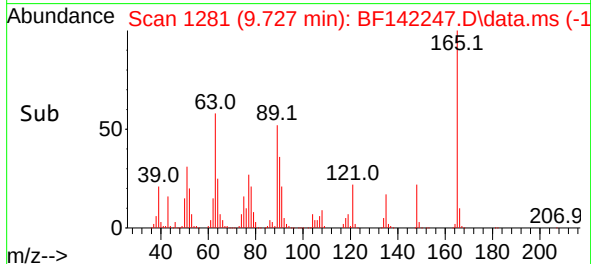
Instrument :
BNA_F
ClientSampleId :
ICVBF043025



Tgt Ion:165 Resp: 21110
Ion Ratio Lower Upper
165 100
63 58.0 48.5 72.7
89 52.2 43.9 65.9

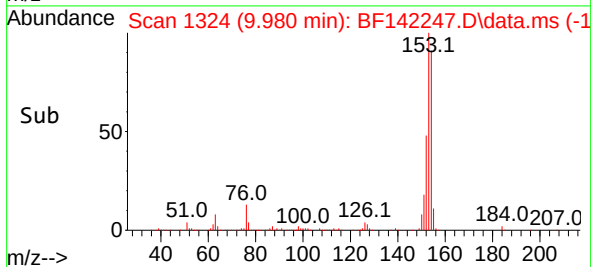
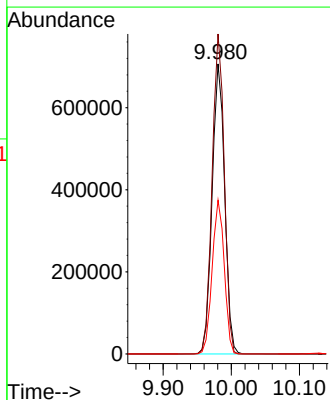
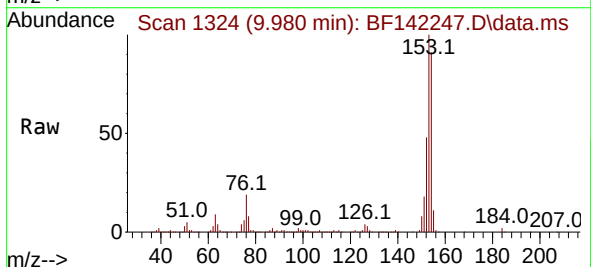
Manual Integrations
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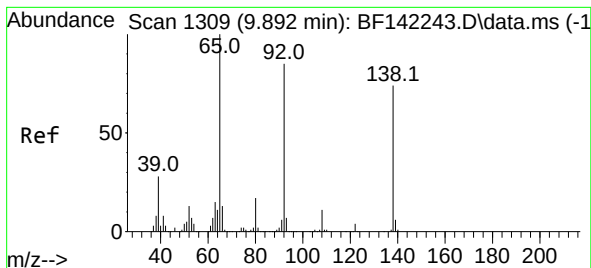
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#52
Acenaphthene
Concen: 41.631 ng
RT: 9.980 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:154 Resp: 904325
Ion Ratio Lower Upper
154 100
153 110.3 88.6 133.0
152 53.0 42.1 63.1





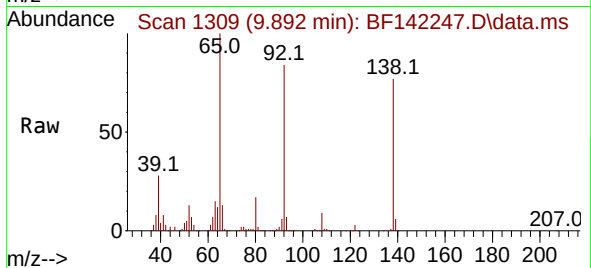
#53
3-Nitroaniline
Concen: 45.509 ng
RT: 9.892 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Instrument :

BNA_F

ClientSampleId :

ICVBF043025



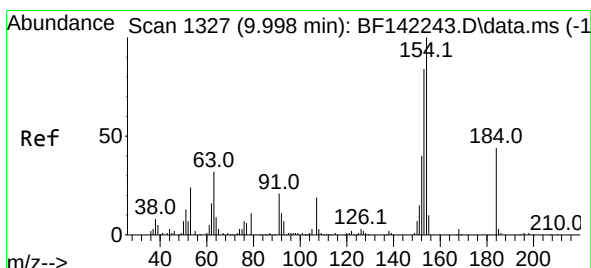
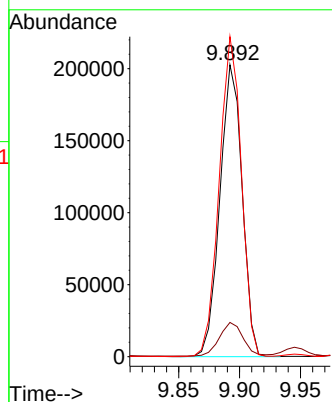
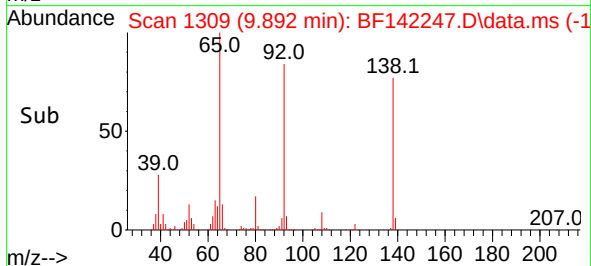
Tgt Ion:138 Resp: 257920
Ion Ratio Lower Upper
138 100
108 11.7 11.7 17.5
92 109.7 91.2 136.8

Manual Integrations

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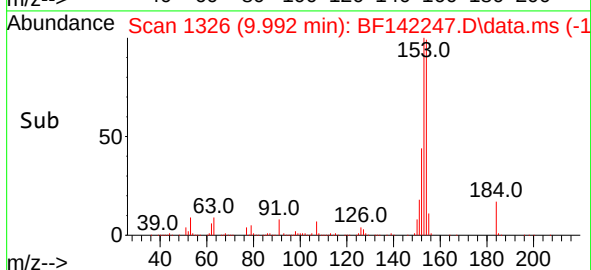
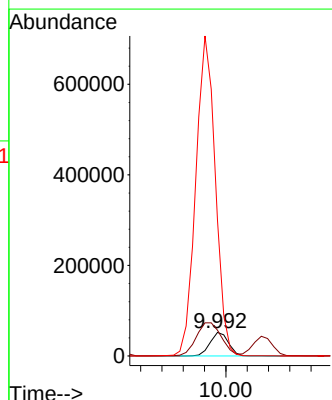
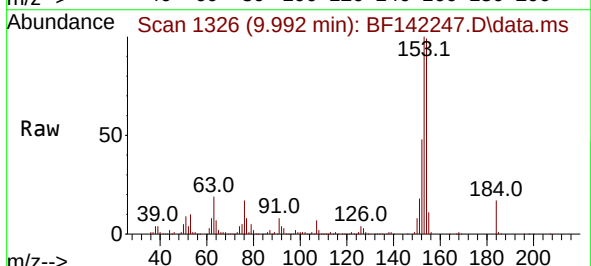
Reviewed By :Rahul Chavli 05/01/2025

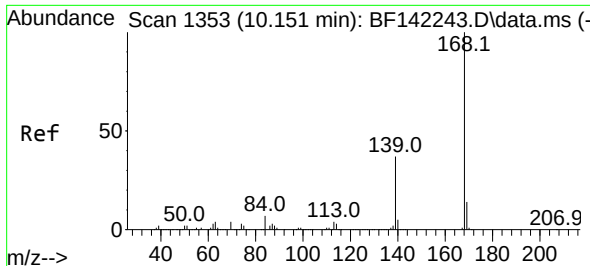
Supervised By :Jagrut Upadhyay 05/01/2025



#54
2,4-Dinitrophenol
Concen: 49.090 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

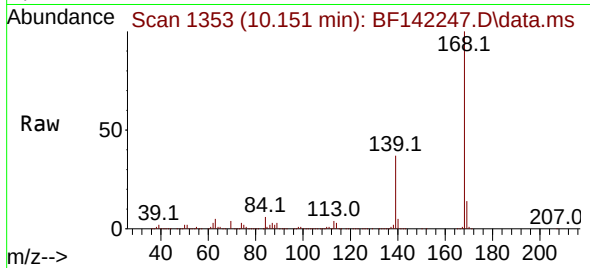
Tgt Ion:184 Resp: 62568
Ion Ratio Lower Upper
184 100
63 109.3 69.2 103.8#
154 577.6 271.4 407.2#





#55
Dibenzenofuran
Concen: 41.181 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

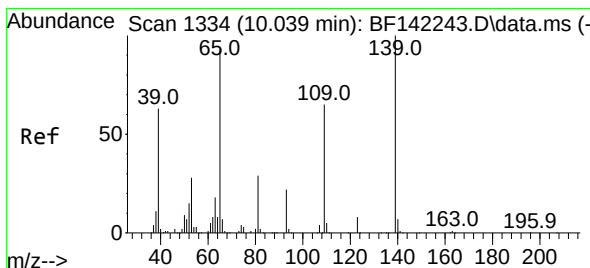
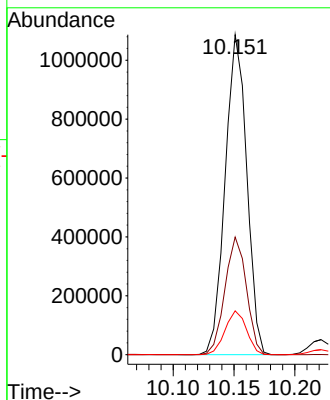
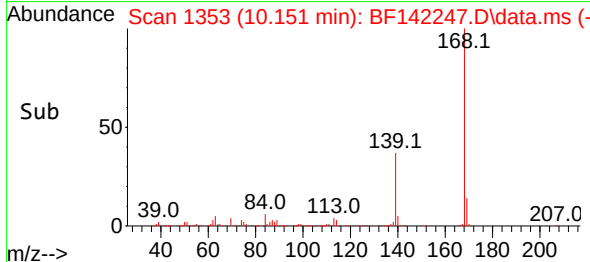
Instrument :
BNA_F
ClientSampleId :
ICVBF043025



Tgt Ion:168 Resp: 1340934
Ion Ratio Lower Upper
168 100
139 36.8 29.4 44.0
169 13.7 11.0 16.4

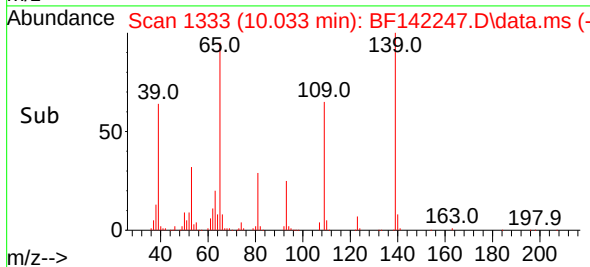
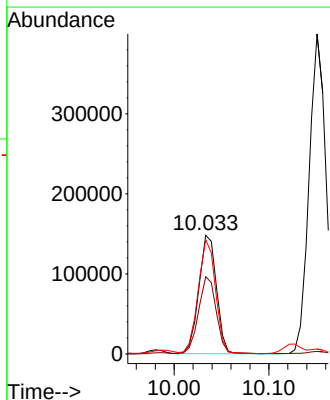
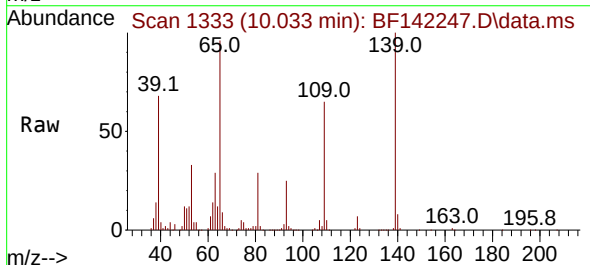
Manual Integrations
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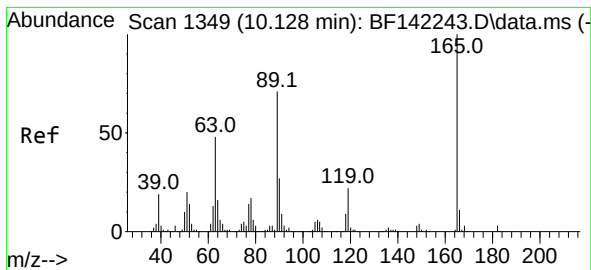
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#56
4-Nitrophenol
Concen: 49.952 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

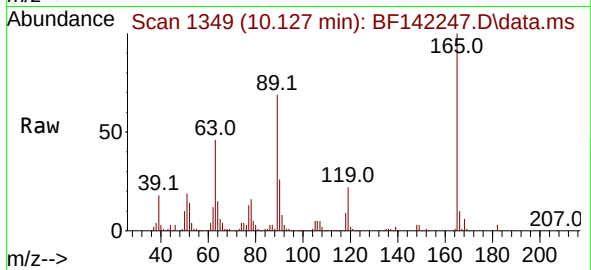
Tgt Ion:139 Resp: 191463
Ion Ratio Lower Upper
139 100
109 65.2 44.9 84.9
65 96.4 74.7 114.7





#57
2,4-Dinitrotoluene
Concen: 46.994 ng
RT: 10.127 min Scan# 11
Delta R.T. -0.001 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

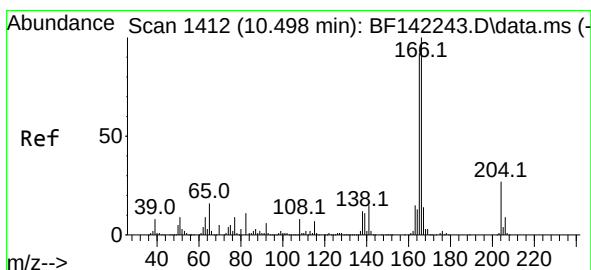
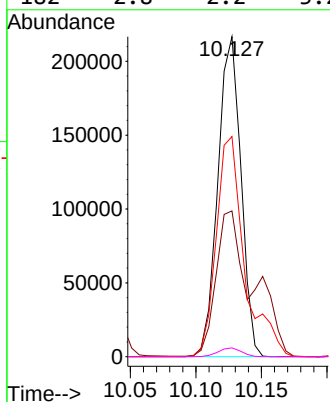
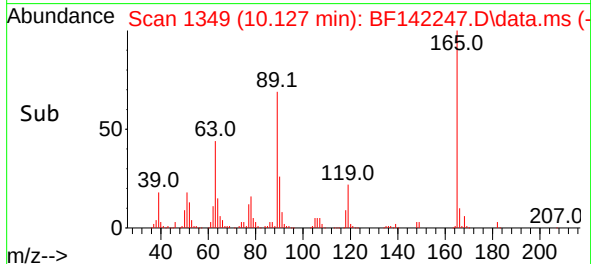
Instrument :
BNA_F
ClientSampleId :
ICVBF043025



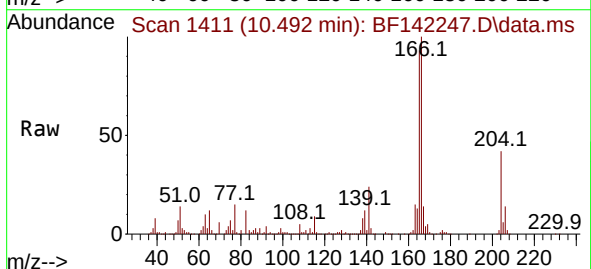
Tgt Ion:165 Resp: 26541
Ion Ratio Lower Upper
165 100
63 45.6 38.8 58.2
89 68.8 57.1 85.7
182 2.8 2.2 3.2

Manual Integrations
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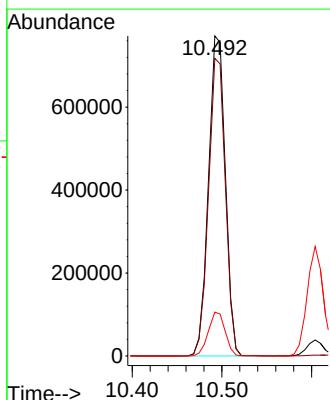
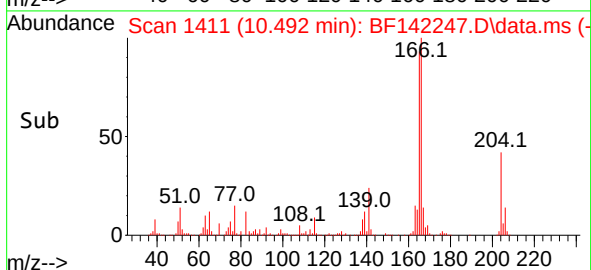
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

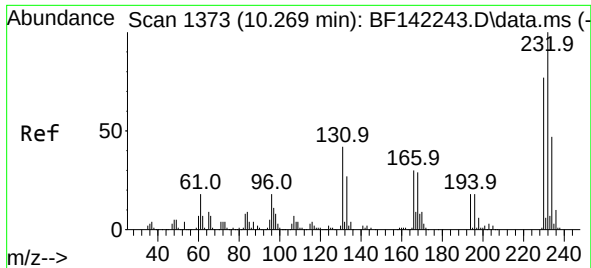


#58
Fluorene
Concen: 40.714 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17



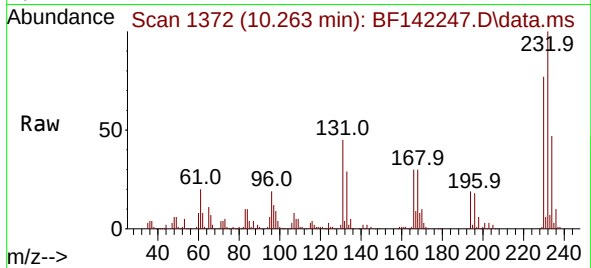
Tgt Ion:166 Resp: 1008032
Ion Ratio Lower Upper
166 100
165 93.0 73.9 110.9
167 13.7 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.724 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

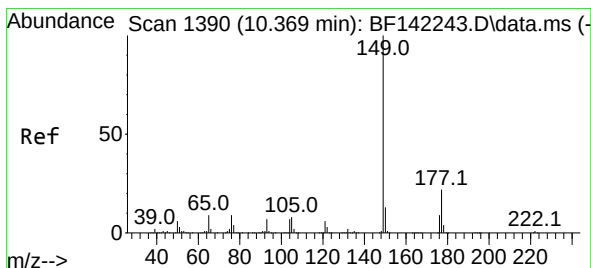
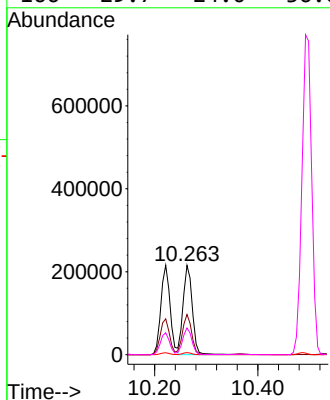
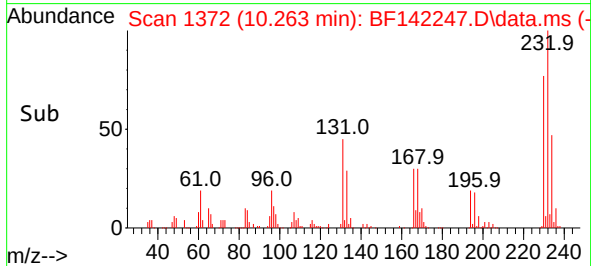
Instrument :
BNA_F
ClientSampleId :
ICVBF043025



Tgt Ion:232 Resp: 264709
Ion Ratio Lower Upper
232 100
131 44.8 35.9 53.9
130 2.3 1.8 2.6
166 29.7 24.0 36.0

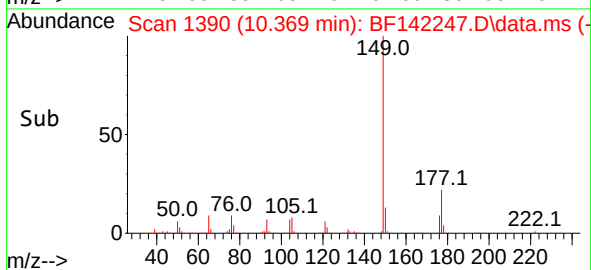
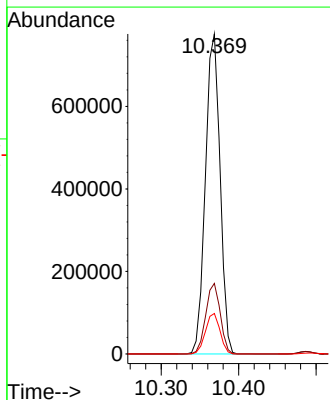
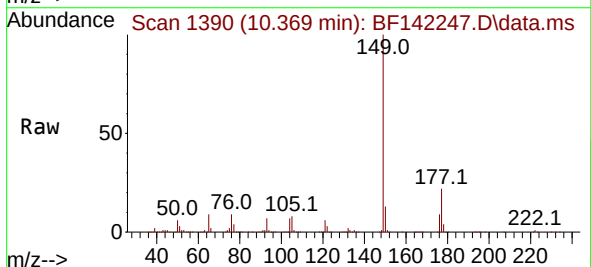
Manual Integrations
APPROVED

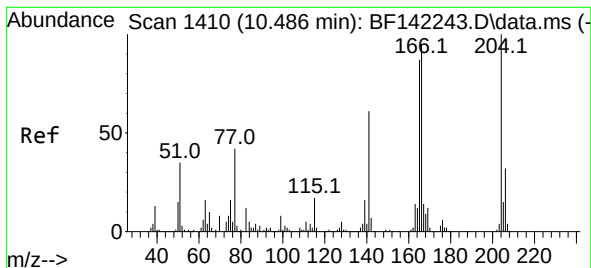
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#60
Diethylphthalate
Concen: 42.222 ng
RT: 10.369 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

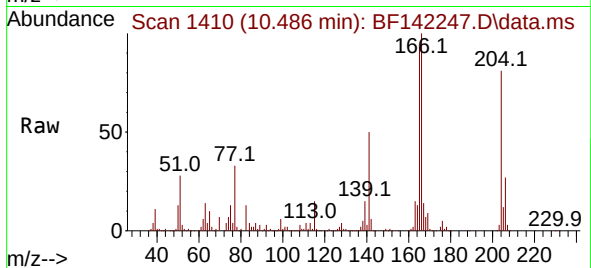
Tgt Ion:149 Resp: 1016722
Ion Ratio Lower Upper
149 100
177 22.1 17.6 26.4
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 40.626 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

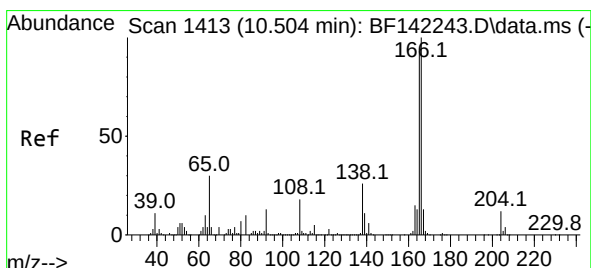
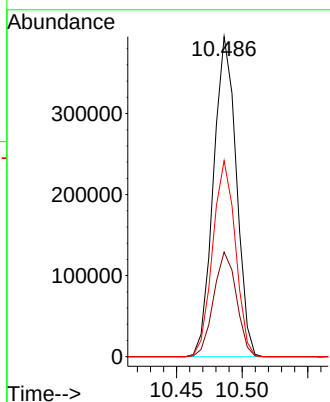
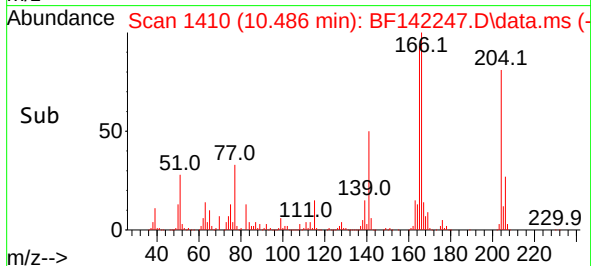
Instrument :
BNA_F
ClientSampleId :
ICVBF043025



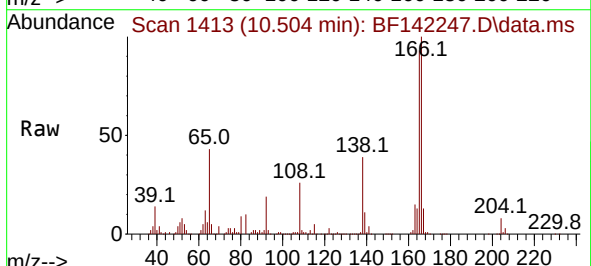
Tgt Ion:204 Resp: 477688
Ion Ratio Lower Upper
204 100
206 32.7 25.6 38.4
141 61.2 48.9 73.3

Manual Integrations
APPROVED

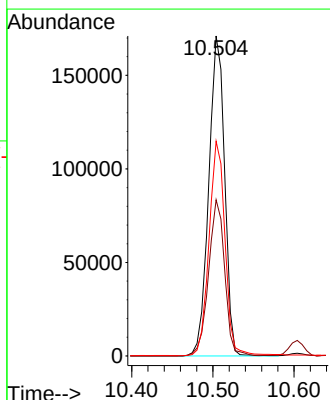
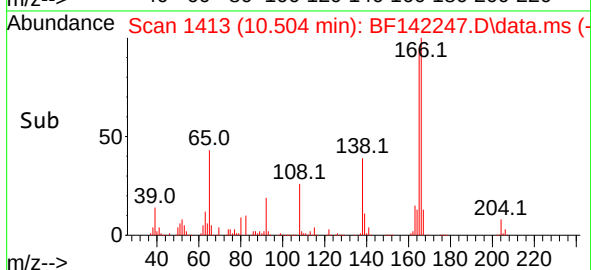
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

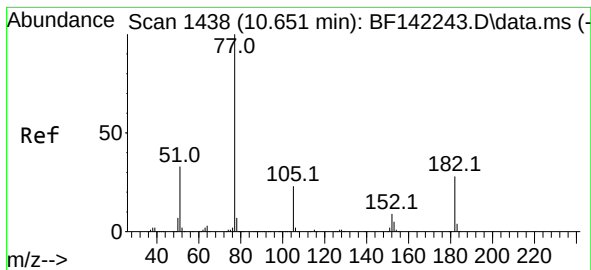


#62
4-Nitroaniline
Concen: 45.070 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17



Tgt Ion:138 Resp: 232165
Ion Ratio Lower Upper
138 100
92 48.8 29.2 69.2
108 67.1 49.1 89.1





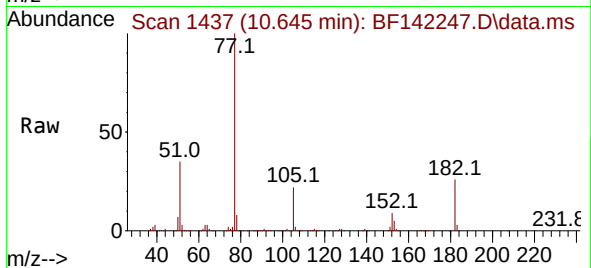
#63
Azobenzene
Concen: 41.400 ng
RT: 10.645 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Instrument :

BNA_F

ClientSampleId :

ICVBF043025



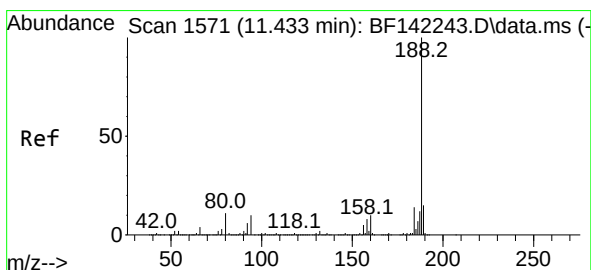
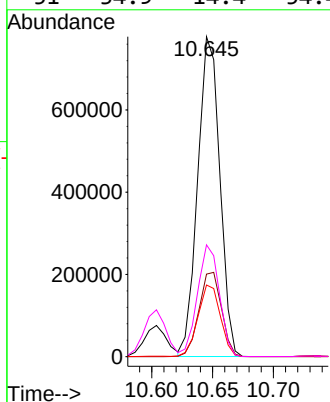
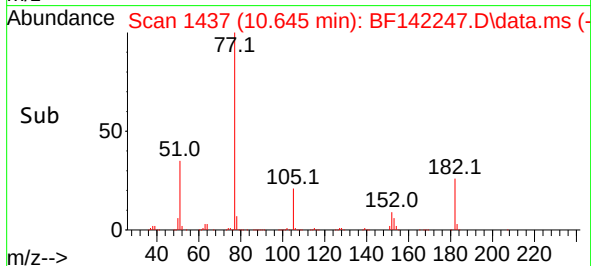
Tgt Ion: 77 Resp: 98444
Ion Ratio Lower Upper
77 100
182 25.8 7.3 47.3
105 22.4 2.5 42.5
51 34.9 14.4 54.4

Manual Integrations

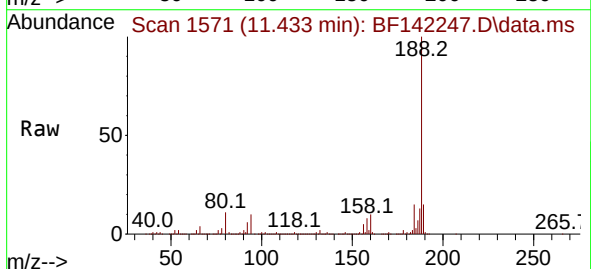
APPROVED

Reviewed By :Rahul Chavli 05/01/2025

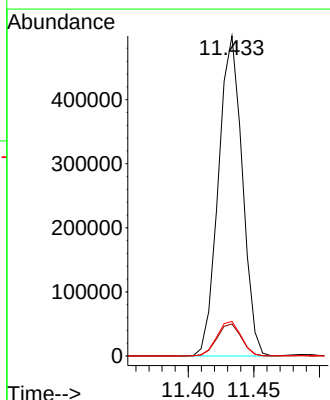
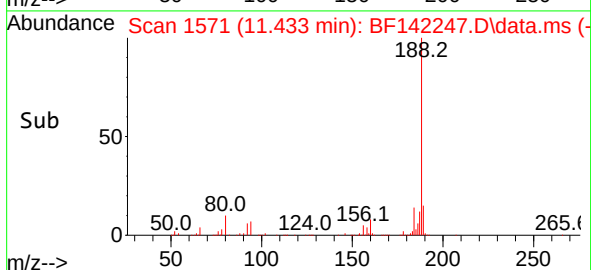
Supervised By :Jagrut Upadhyay 05/01/2025

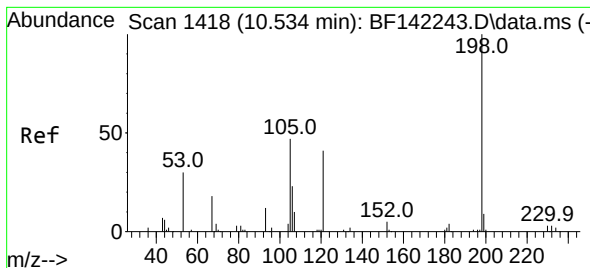


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17



Tgt Ion:188 Resp: 633040
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.2
80 10.8 8.6 12.8





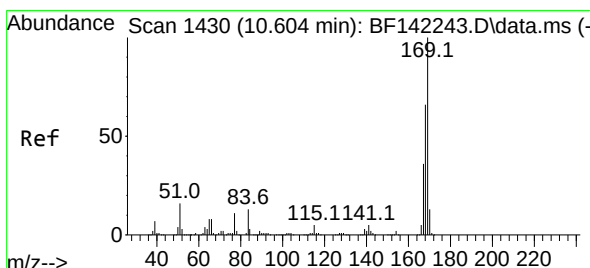
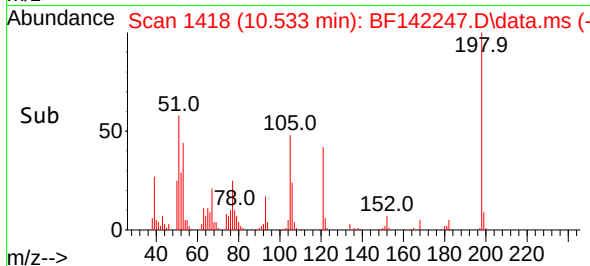
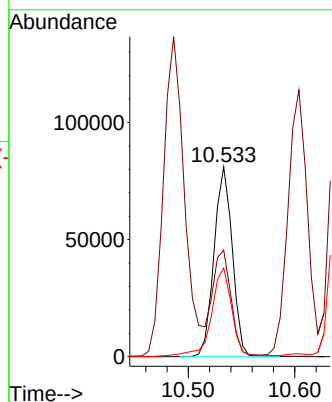
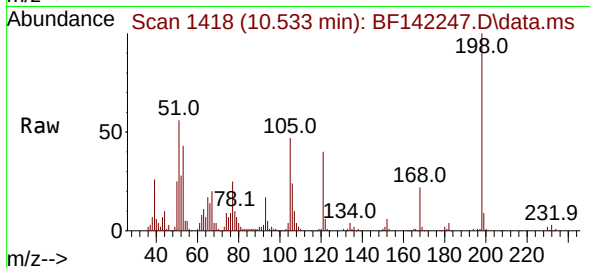
#65
4,6-Dinitro-2-methylphenol
Concen: 46.598 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.001 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Instrument :
BNA_F
ClientSampleId :
ICVBF043025

Tgt Ion:198 Resp: 9634
Ion Ratio Lower Upper
198 100
51 56.1 40.6 80.6
105 46.7 29.2 69.2

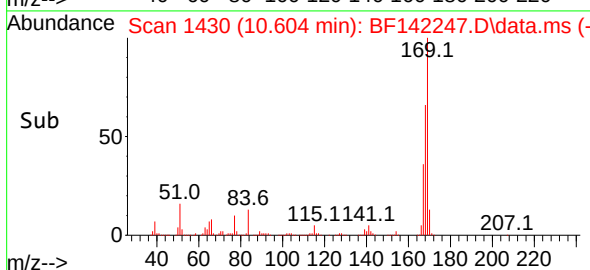
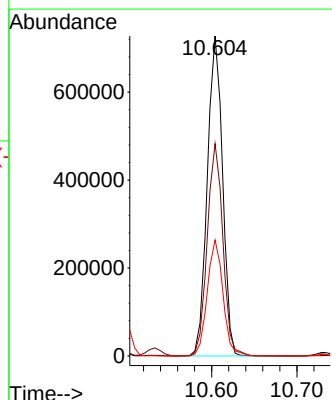
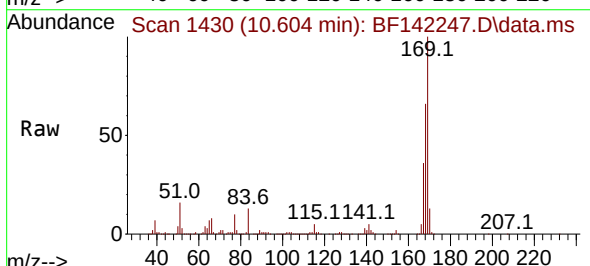
Manual Integrations
APPROVED

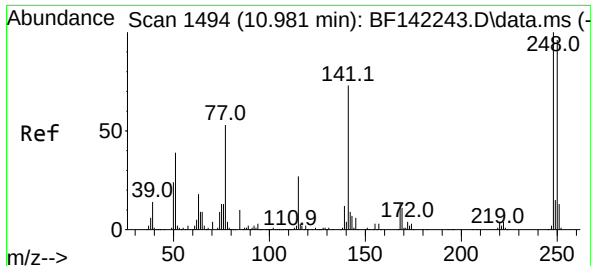
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#66
n-Nitrosodiphenylamine
Concen: 41.816 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

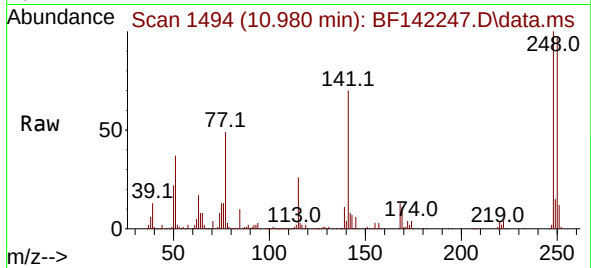
Tgt Ion:169 Resp: 904466
Ion Ratio Lower Upper
169 100
168 66.4 53.0 79.6
167 36.3 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 42.497 ng
RT: 10.980 min Scan# 1494
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

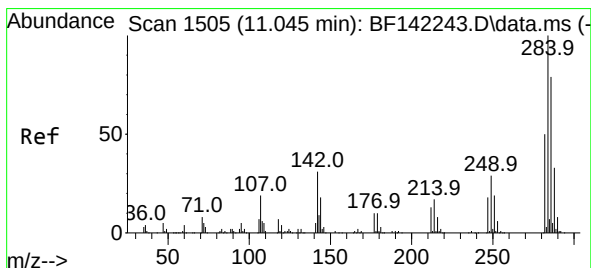
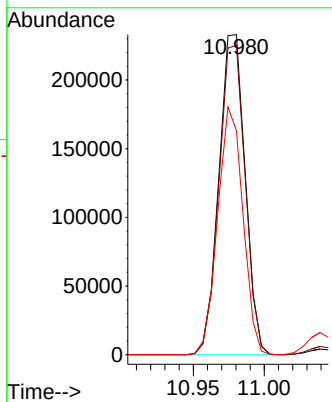
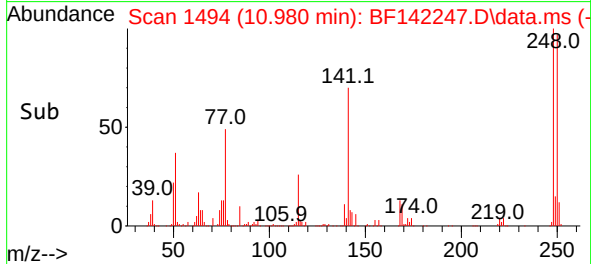
Instrument :
BNA_F
ClientSampleId :
ICVBF043025



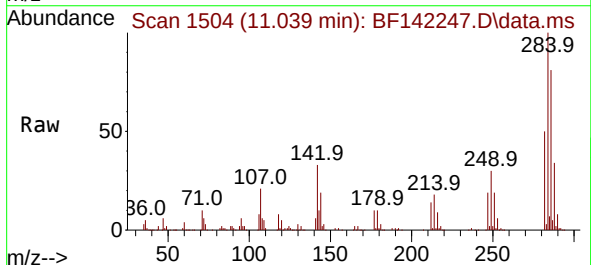
Tgt Ion:248 Resp: 299608
Ion Ratio Lower Upper
248 100
250 96.6 77.2 115.8
141 70.0 58.4 87.6

Manual Integrations
APPROVED

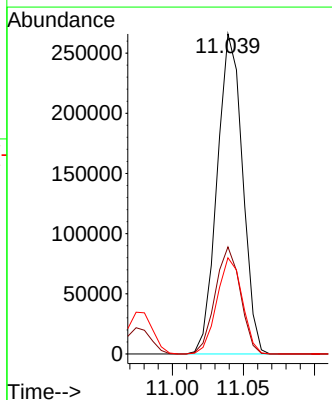
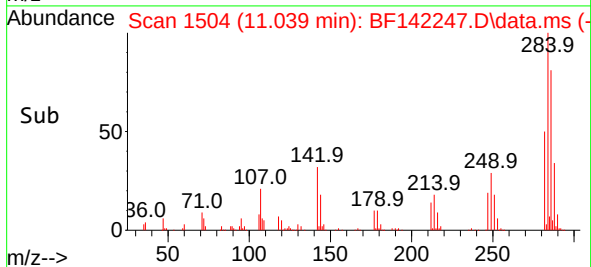
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

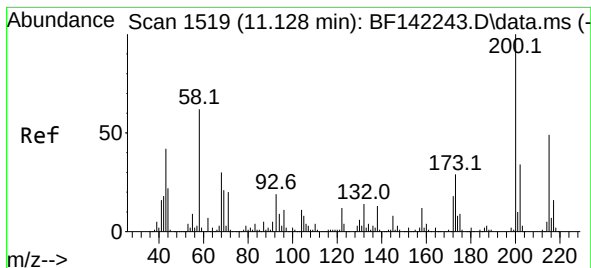


#68
Hexachlorobenzene
Concen: 41.800 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17



Tgt Ion:284 Resp: 330048
Ion Ratio Lower Upper
284 100
142 33.5 24.6 37.0
249 30.1 23.2 34.8





#69

Atrazine

Concen: 44.732 ng

RT: 11.127 min Scan# 1519

Delta R.T. -0.000 min

Lab File: BF142247.D

Acq: 30 Apr 2025 16:17

Instrument :

BNA_F

ClientSampleId :

ICVBF043025

Tgt Ion:200 Resp: 255030

Ion Ratio Lower Upper

200 100

173 27.9 8.6 48.6

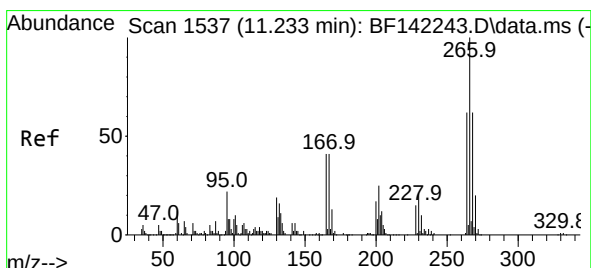
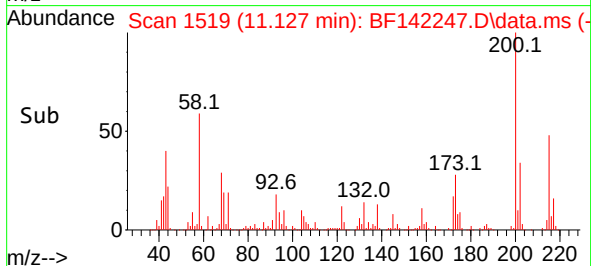
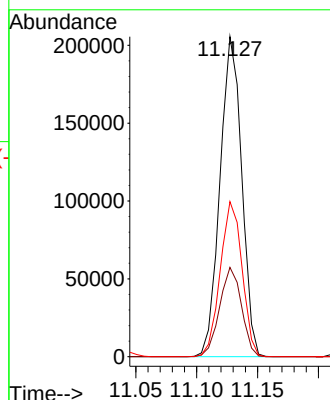
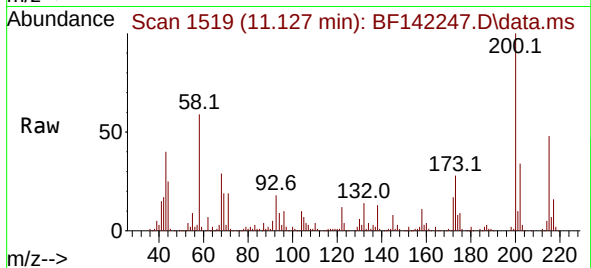
215 48.4 28.5 68.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#70

Pentachlorophenol

Concen: 47.342 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142247.D

Acq: 30 Apr 2025 16:17

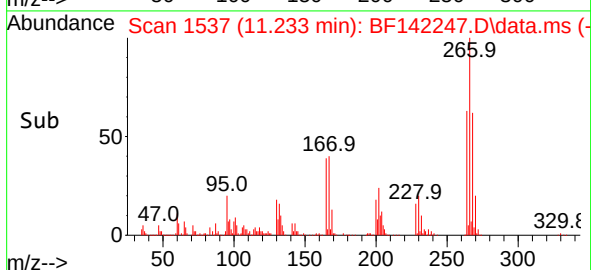
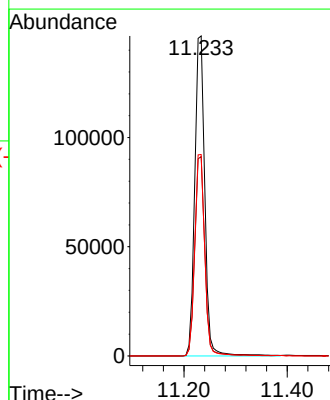
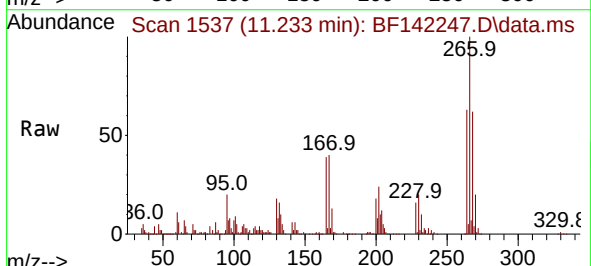
Tgt Ion:266 Resp: 197476

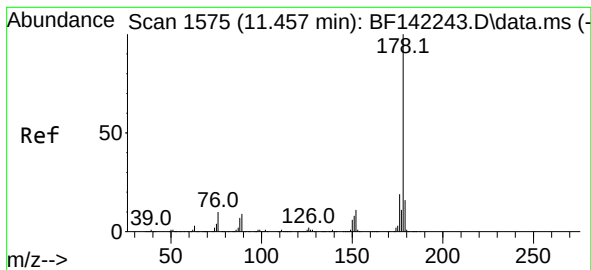
Ion Ratio Lower Upper

266 100

268 62.3 50.0 75.0

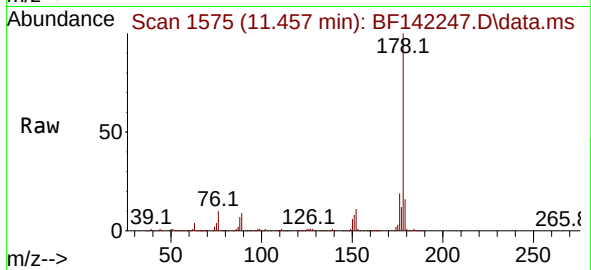
264 62.9 49.3 73.9





#71
Phenanthrene
Concen: 40.955 ng
RT: 11.457 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

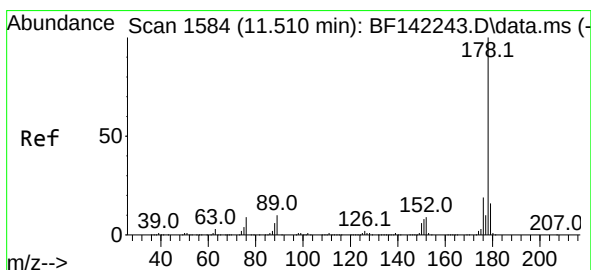
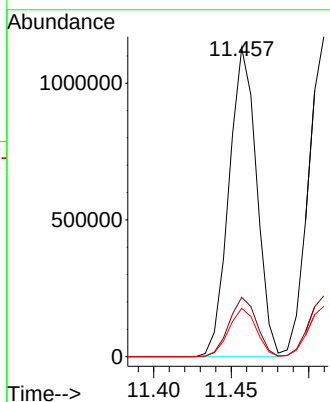
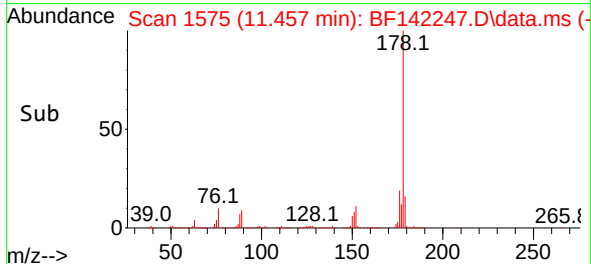
Instrument :
BNA_F
ClientSampleId :
ICVBF043025



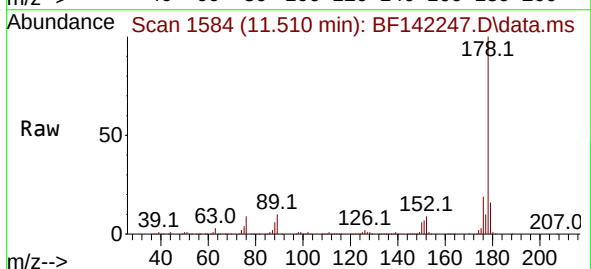
Tgt Ion:178 Resp: 1400439
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.6 12.6 19.0

Manual Integrations
APPROVED

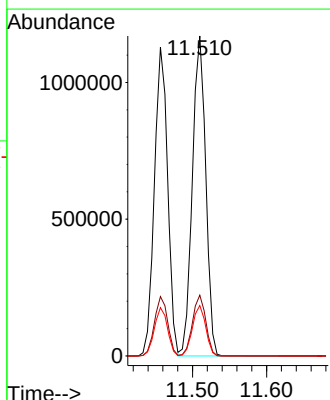
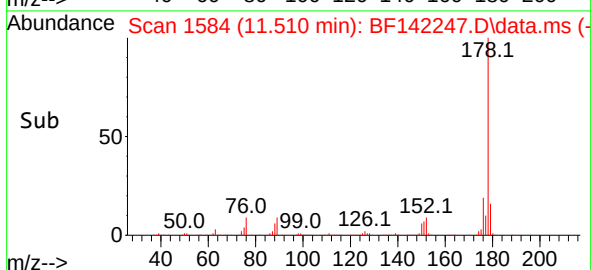
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

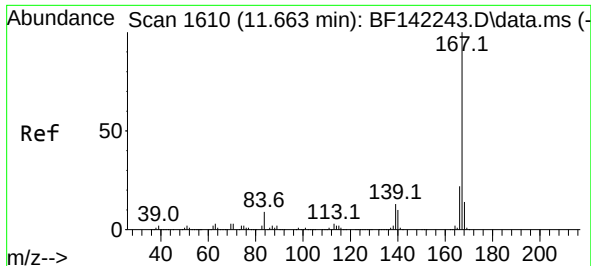


#72
Anthracene
Concen: 41.854 ng
RT: 11.510 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17



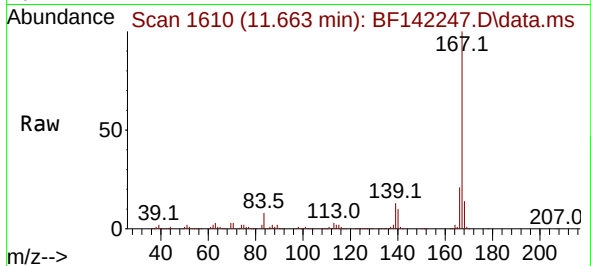
Tgt Ion:178 Resp: 1463247
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.8 12.7 19.1





#73
 Carbazole
 Concen: 41.793 ng
 RT: 11.663 min Scan# 1610
 Delta R.T. -0.000 min
 Lab File: BF142247.D
 Acq: 30 Apr 2025 16:17

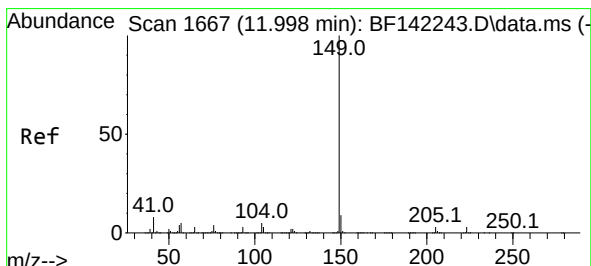
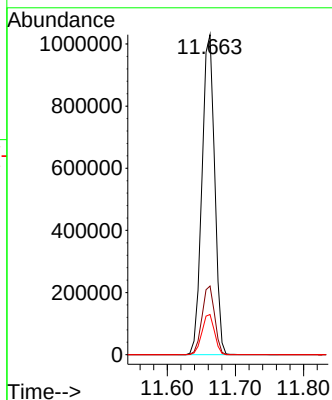
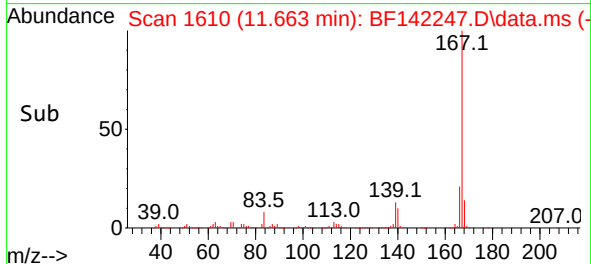
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF043025



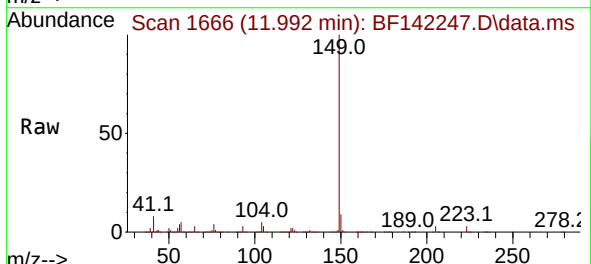
Tgt Ion:167 Resp: 1332850
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.3 25.9
 139 12.5 10.3 15.5

Manual Integrations
 APPROVED

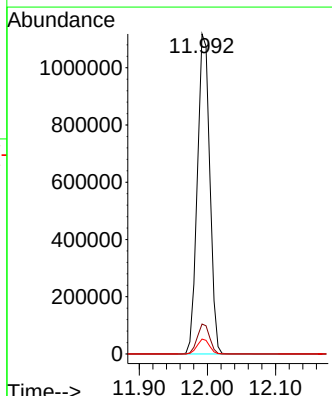
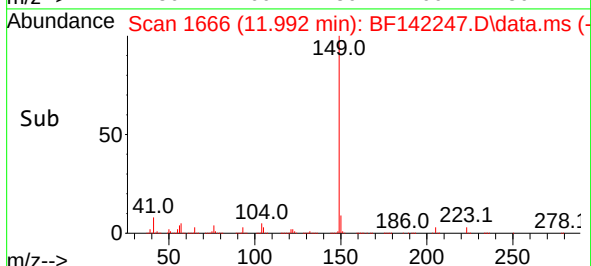
Reviewed By :Rahul Chavli 05/01/2025
 Supervised By :Jagrut Upadhyay 05/01/2025

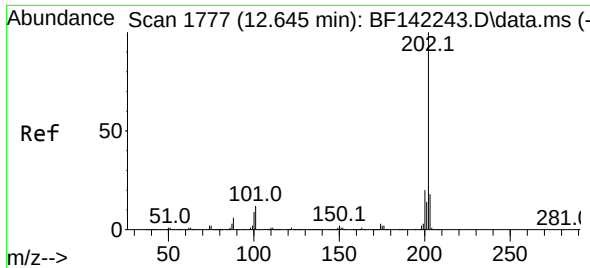


#74
 Di-n-butylphthalate
 Concen: 44.051 ng
 RT: 11.992 min Scan# 1666
 Delta R.T. -0.006 min
 Lab File: BF142247.D
 Acq: 30 Apr 2025 16:17



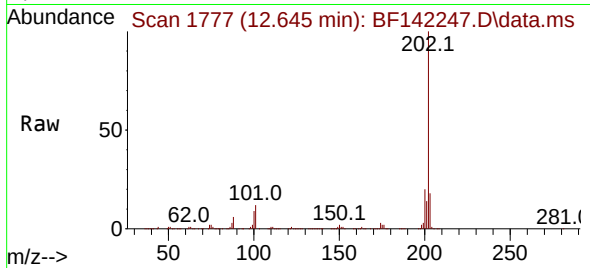
Tgt Ion:149 Resp: 1412919
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 4.6 3.6 5.4





#75
Fluoranthene
Concen: 41.690 ng
RT: 12.645 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

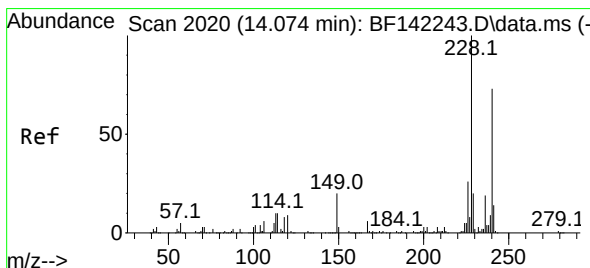
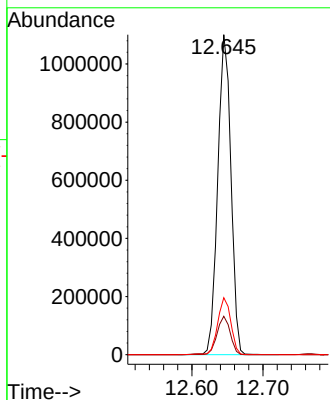
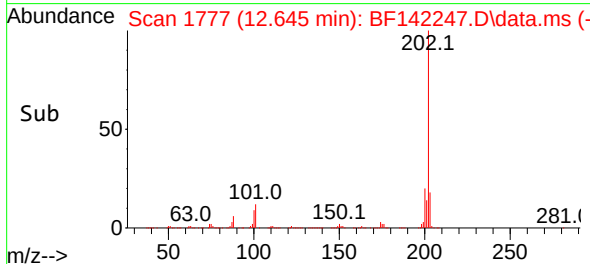
Instrument :
BNA_F
ClientSampleId :
ICVBF043025



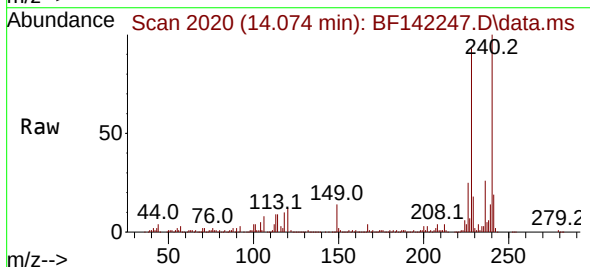
Tgt Ion:202 Resp: 1409189
Ion Ratio Lower Upper
202 100
101 12.0 0.0 32.4
203 17.8 0.0 37.5

Manual Integrations
APPROVED

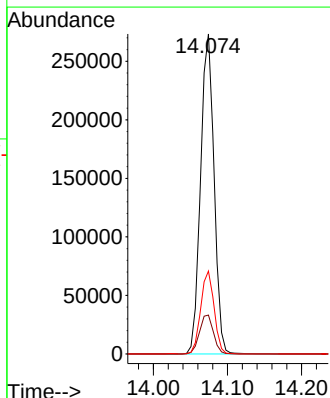
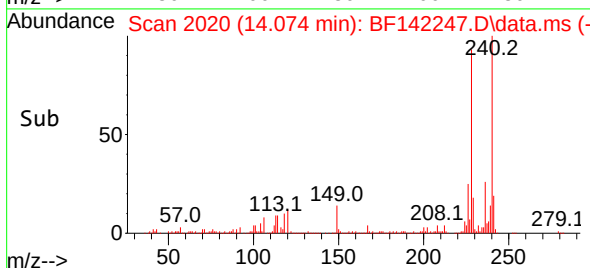
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

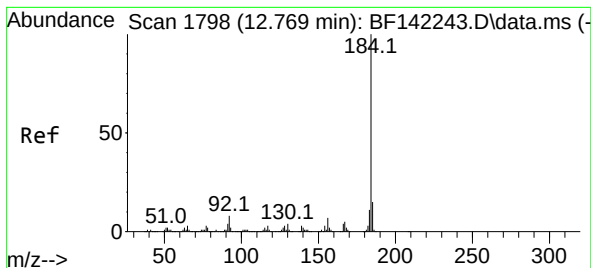


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17



Tgt Ion:240 Resp: 345729
Ion Ratio Lower Upper
240 100
120 12.1 10.1 15.1
236 25.9 20.5 30.7





#77

Benzidine

Concen: 46.435 ng

RT: 12.768 min Scan# 1798

Delta R.T. -0.000 min

Lab File: BF142247.D

Acq: 30 Apr 2025 16:17

Instrument :

BNA_F

ClientSampleId :

ICVBF043025

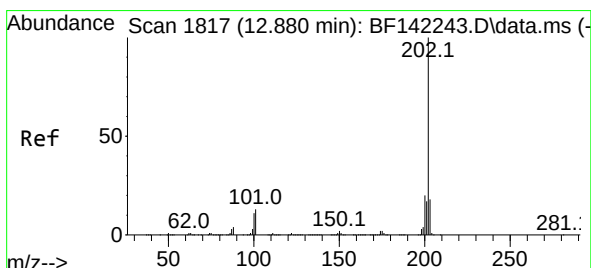
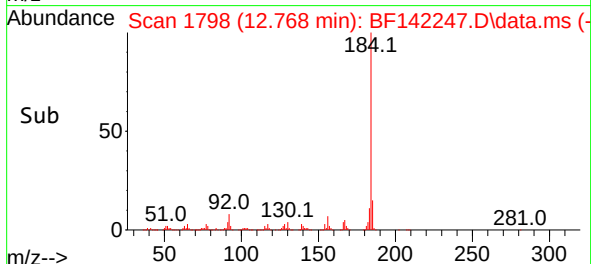
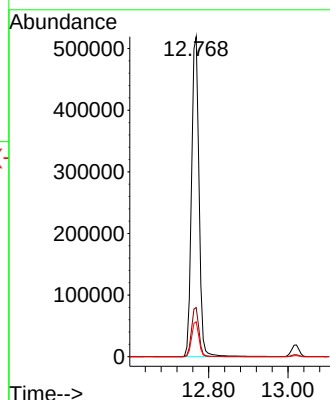
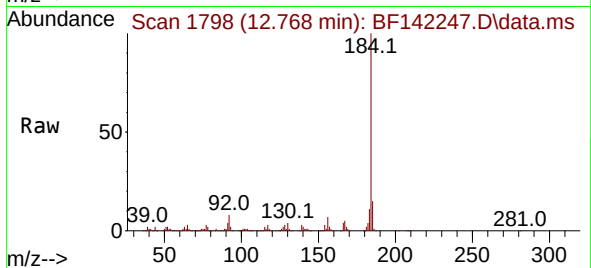
Tgt Ion:184 Resp: 68215
 Ion Ratio Lower Upper
 184 100
 185 15.3 11.8 17.6
 183 10.9 8.9 13.3

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#78

Pyrene

Concen: 44.082 ng

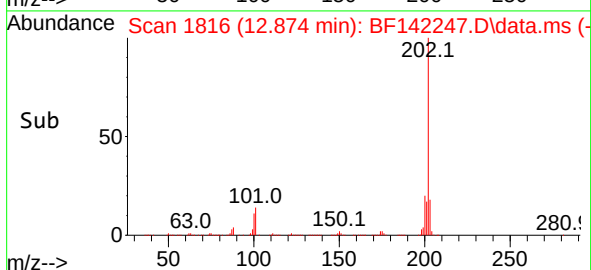
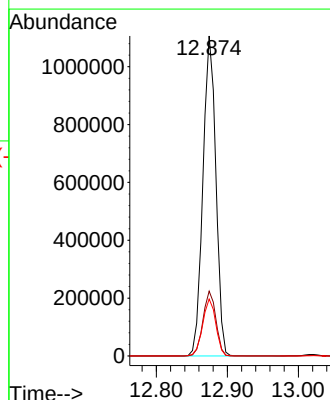
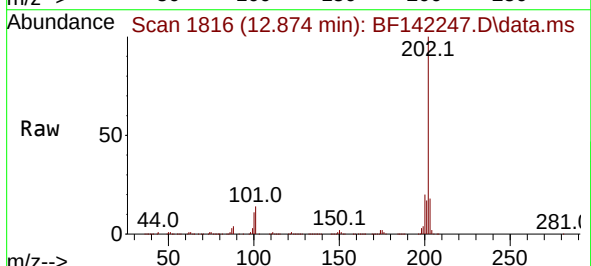
RT: 12.874 min Scan# 1816

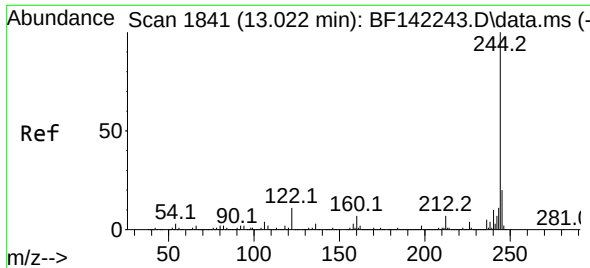
Delta R.T. -0.006 min

Lab File: BF142247.D

Acq: 30 Apr 2025 16:17

Tgt Ion:202 Resp: 1405875
 Ion Ratio Lower Upper
 202 100
 200 20.2 16.1 24.1
 203 17.8 14.1 21.1





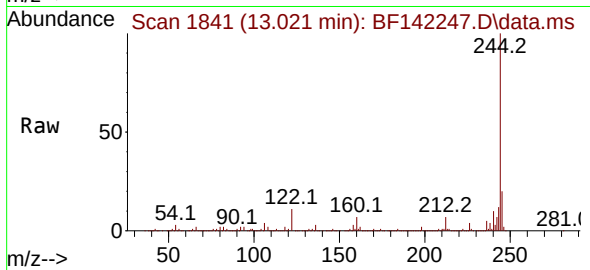
#79
 Terphenyl-d14
 Concen: 85.716 ng
 RT: 13.021 min Scan# 1841
 Delta R.T. -0.000 min
 Lab File: BF142247.D
 Acq: 30 Apr 2025 16:17

Instrument :

BNA_F

ClientSampleId :

ICVBF043025



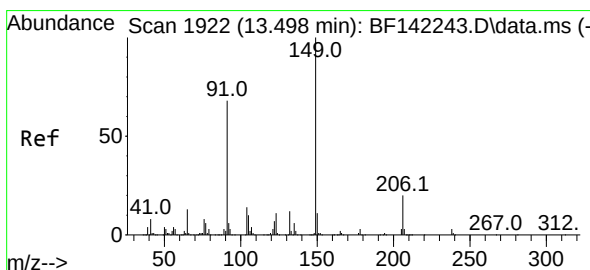
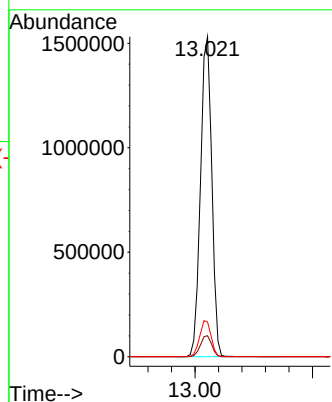
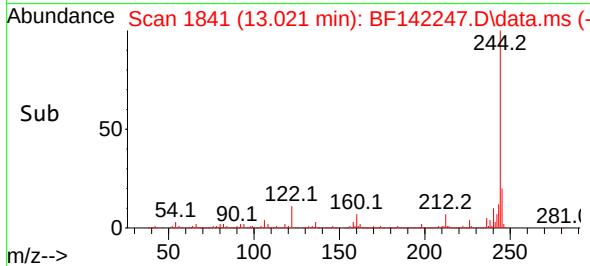
Tgt Ion:244 Resp: 203756
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.3 7.9
 122 10.9 9.1 13.7

Manual Integrations

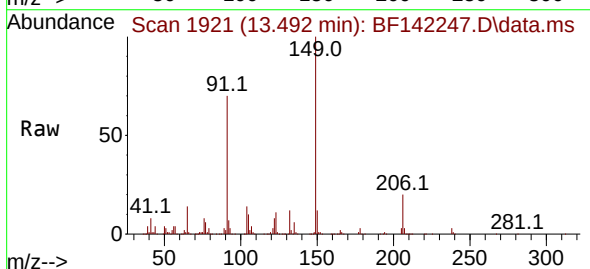
APPROVED

Reviewed By :Rahul Chavli 05/01/2025

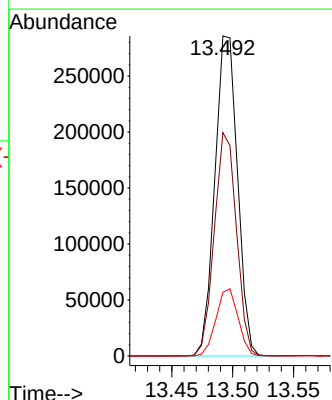
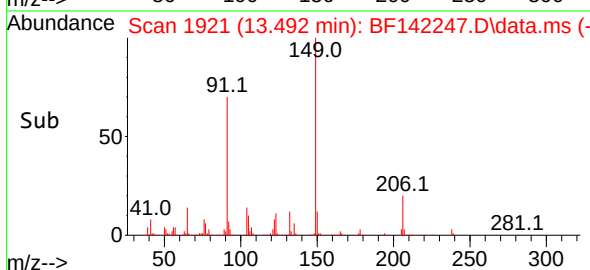
Supervised By :Jagrut Upadhyay 05/01/2025

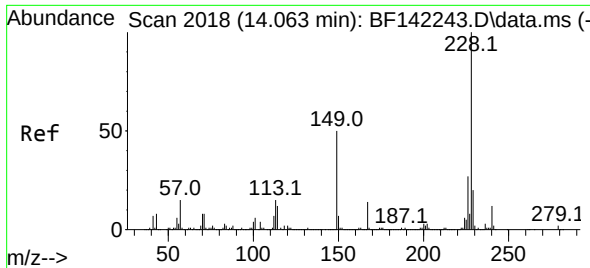


#80
 Butylbenzylphthalate
 Concen: 42.984 ng
 RT: 13.492 min Scan# 1921
 Delta R.T. -0.006 min
 Lab File: BF142247.D
 Acq: 30 Apr 2025 16:17



Tgt Ion:149 Resp: 371146
 Ion Ratio Lower Upper
 149 100
 91 69.8 54.4 81.6
 206 19.9 15.9 23.9





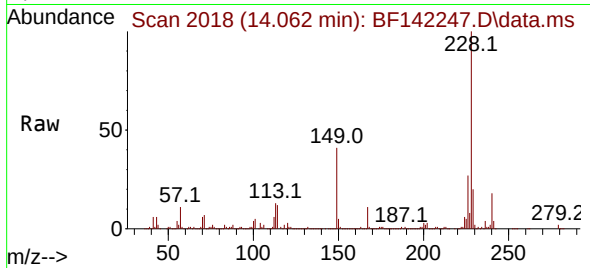
#81
Benzo(a)anthracene
Concen: 41.383 ng
RT: 14.062 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Instrument :

BNA_F

ClientSampleId :

ICVBF043025

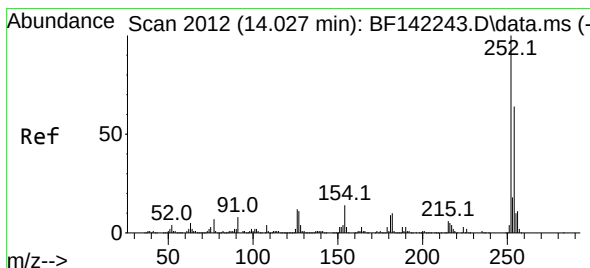
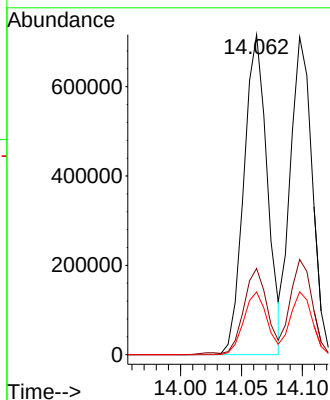
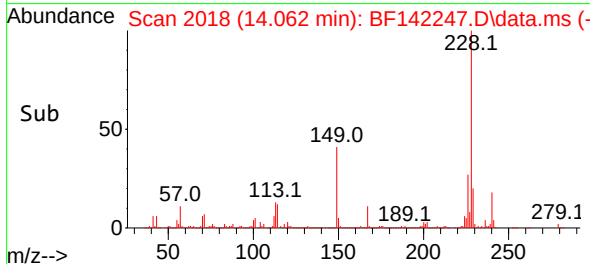


Tgt Ion:228 Resp: 960484
Ion Ratio Lower Upper
228 100
226 27.0 21.9 32.9
229 19.6 16.0 24.0

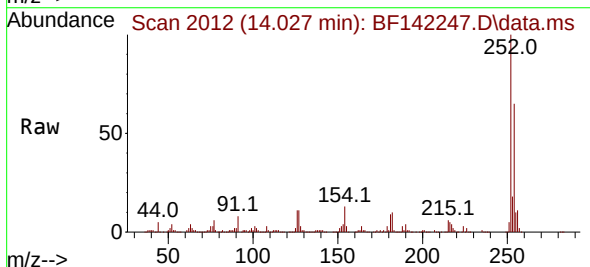
Manual Integrations

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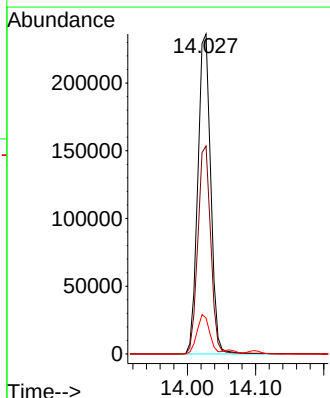
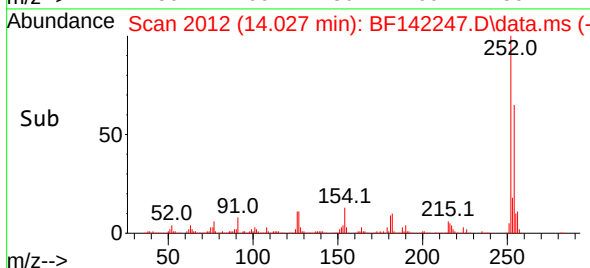
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

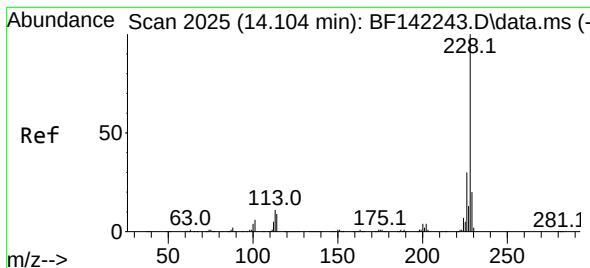


#82
3,3'-Dichlorobenzidine
Concen: 45.495 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17



Tgt Ion:252 Resp: 310153
Ion Ratio Lower Upper
252 100
254 65.0 51.0 76.6
126 11.3 9.4 14.2





#83

Chrysene

Concen: 42.158 ng

RT: 14.098 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF142247.D

Acq: 30 Apr 2025 16:17

Instrument :

BNA_F

ClientSampleId :

ICVBF043025

Tgt Ion:228 Resp: 89067

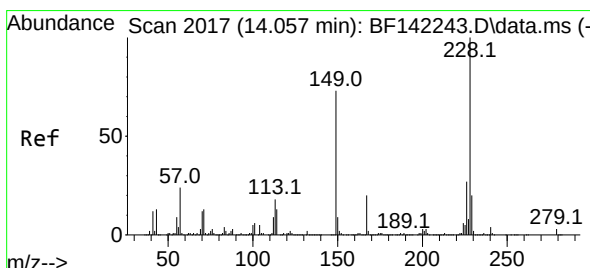
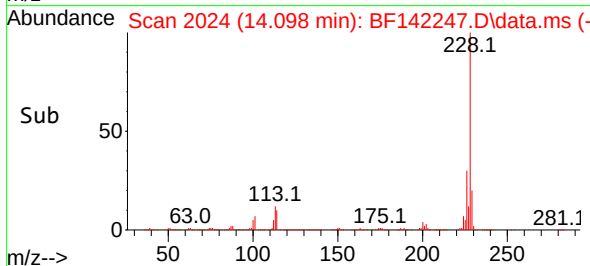
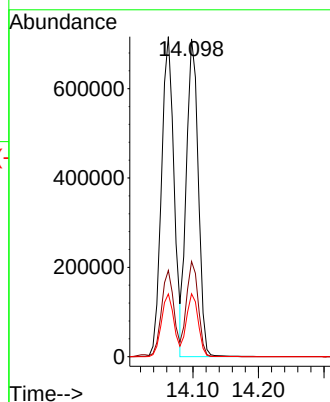
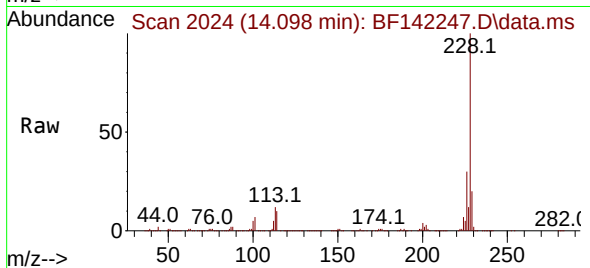
Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	19.8	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.882 ng

RT: 14.057 min Scan# 2017

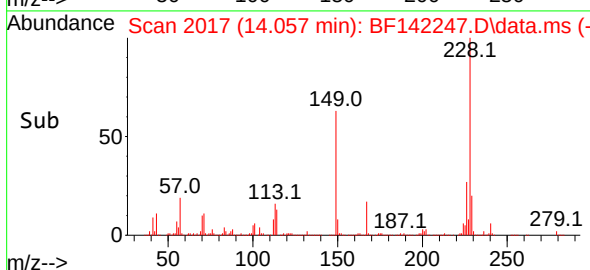
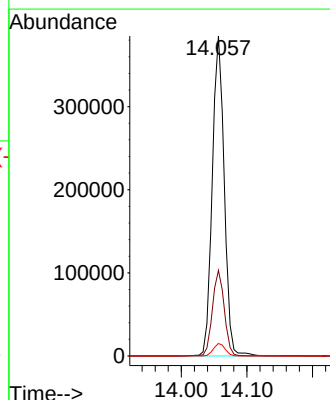
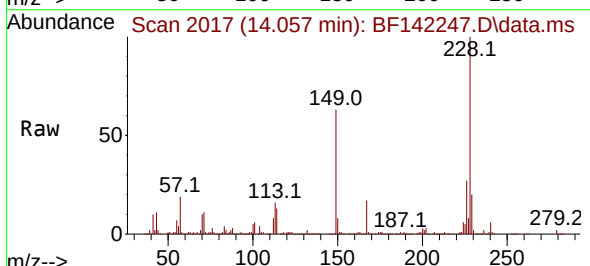
Delta R.T. -0.000 min

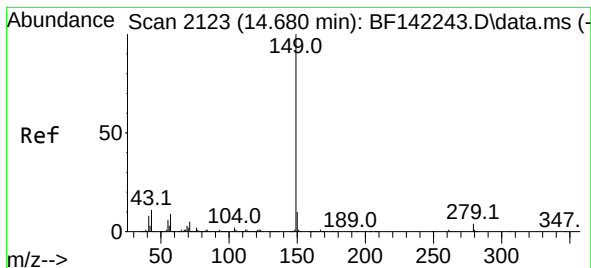
Lab File: BF142247.D

Acq: 30 Apr 2025 16:17

Tgt Ion:149 Resp: 487122

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.7	32.5
279	3.9	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 41.178 ng

RT: 14.674 min Scan# 2122

Delta R.T. -0.006 min

Lab File: BF142247.D

Acq: 30 Apr 2025 16:17

Instrument :

BNA_F

ClientSampleId :

ICVBF043025

Tgt Ion:149 Resp: 889844

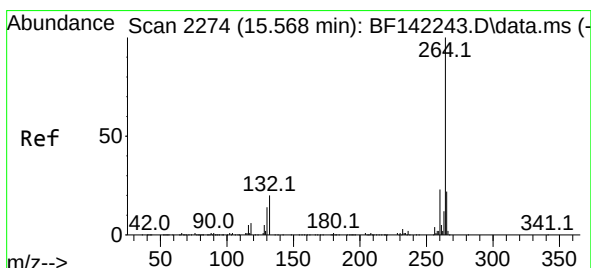
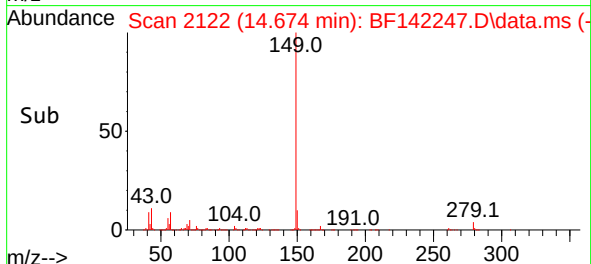
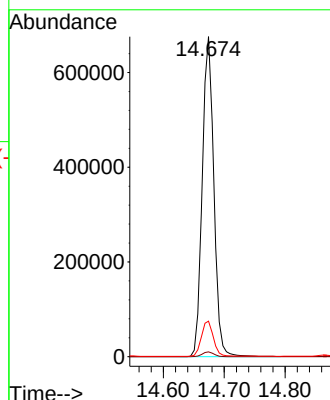
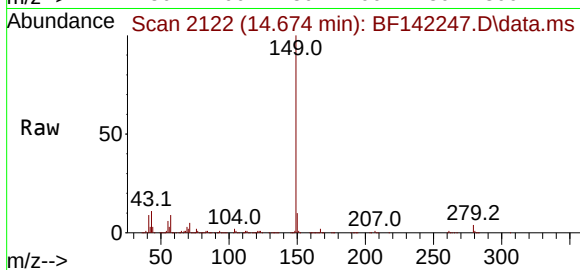
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	11.4	9.3	13.9

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2273

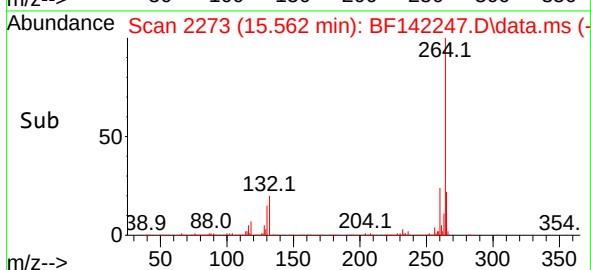
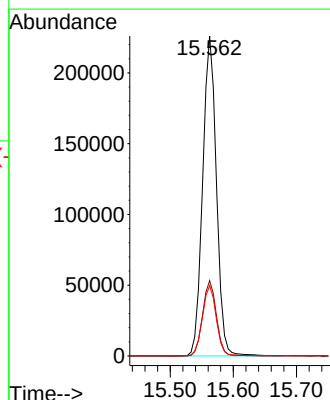
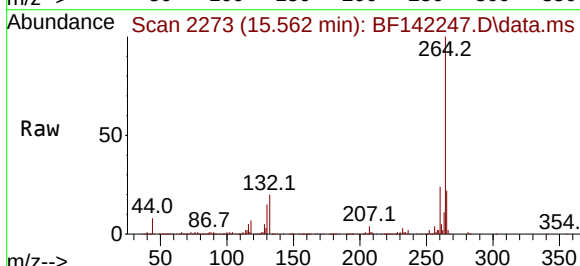
Delta R.T. -0.006 min

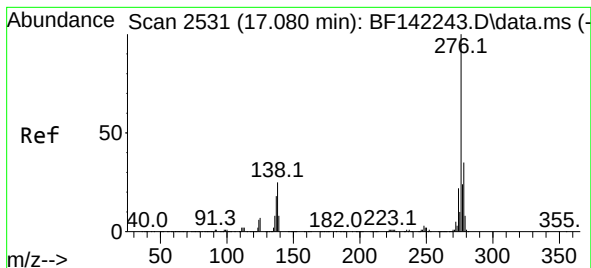
Lab File: BF142247.D

Acq: 30 Apr 2025 16:17

Tgt Ion:264 Resp: 342826

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.4	27.6
265	22.0	17.3	25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.757 ng

RT: 17.074 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF142247.D

Acq: 30 Apr 2025 16:17

Instrument :

BNA_F

ClientSampleId :

ICVBF043025

Tgt Ion:276 Resp: 1098774

Ion Ratio Lower Upper

276 100

138 28.7 22.6 33.8

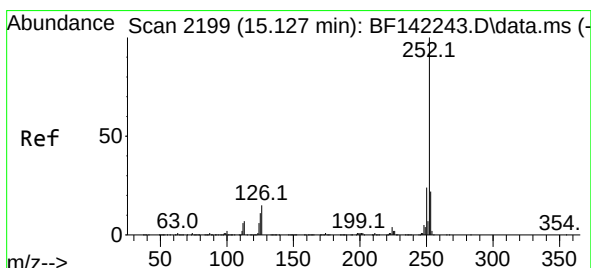
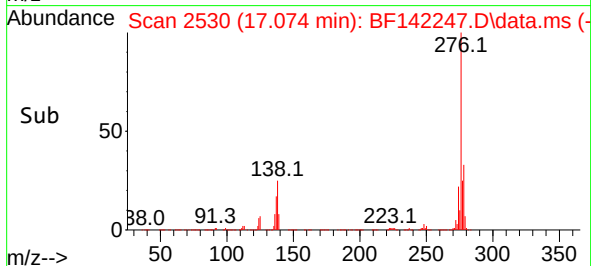
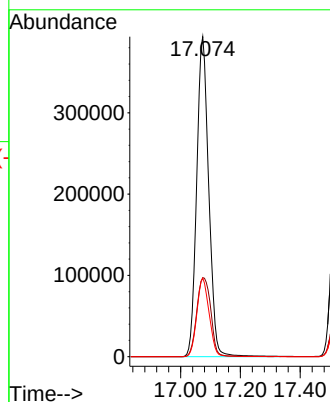
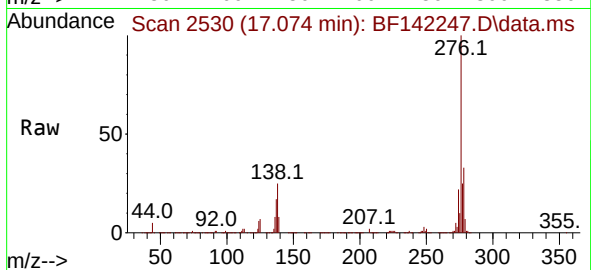
277 25.1 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#88

Benzo(b)fluoranthene

Concen: 40.403 ng

RT: 15.121 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF142247.D

Acq: 30 Apr 2025 16:17

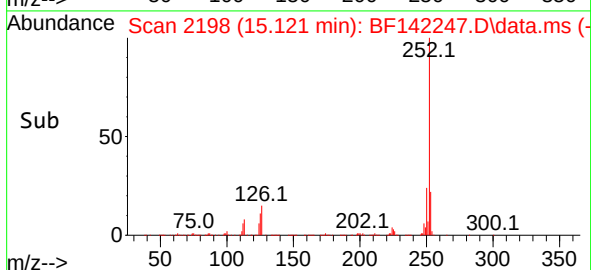
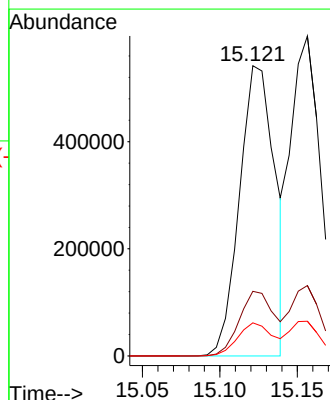
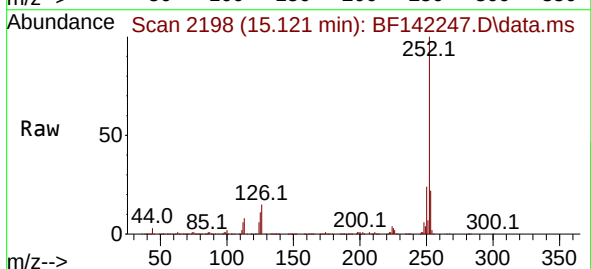
Tgt Ion:252 Resp: 860370

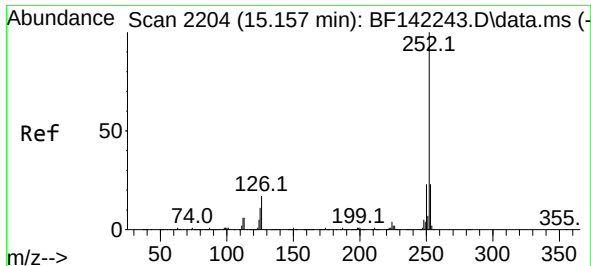
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

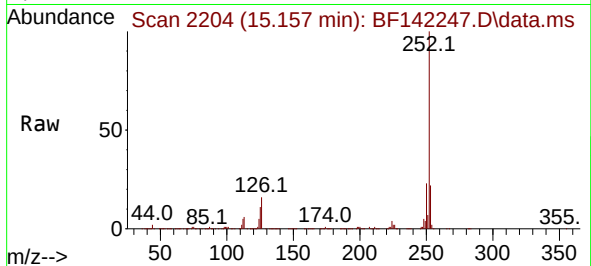
125 11.4 9.0 13.4





#89
Benzo(k)fluoranthene
Concen: 41.665 ng
RT: 15.157 min Scan# 2204
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

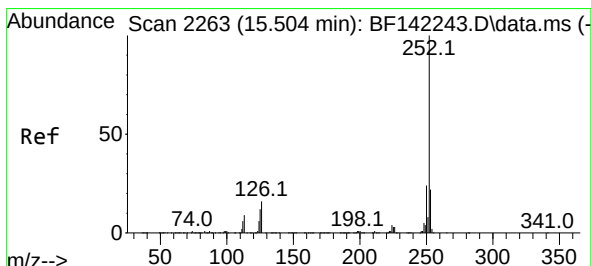
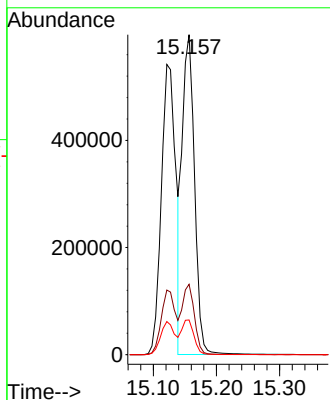
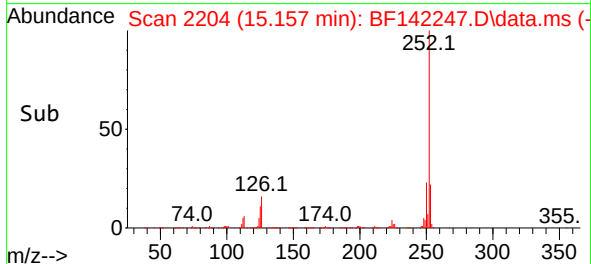
Instrument :
BNA_F
ClientSampleId :
ICVBF043025



Tgt Ion:252 Resp: 811540
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 10.9 9.0 13.6

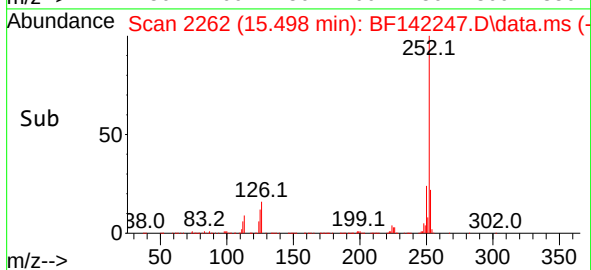
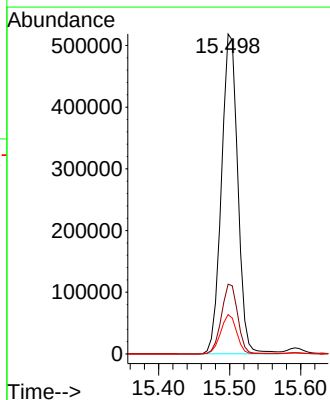
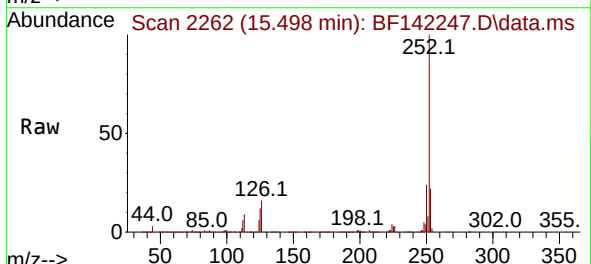
Manual Integrations
APPROVED

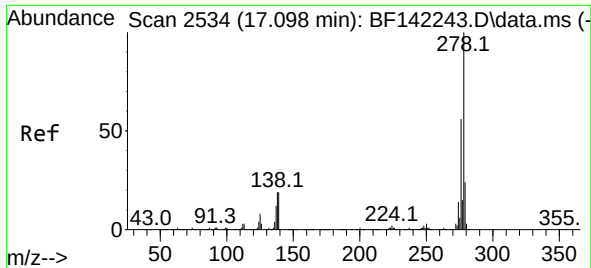
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#90
Benzo(a)pyrene
Concen: 42.380 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:252 Resp: 826250
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 12.3 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 43.565 ng

RT: 17.098 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF142247.D

Acq: 30 Apr 2025 16:17

Instrument :

BNA_F

ClientSampleId :

ICVBF043025

Tgt Ion:278 Resp: 88785

Ion Ratio Lower Upper

278 100

139 18.2 15.2 22.8

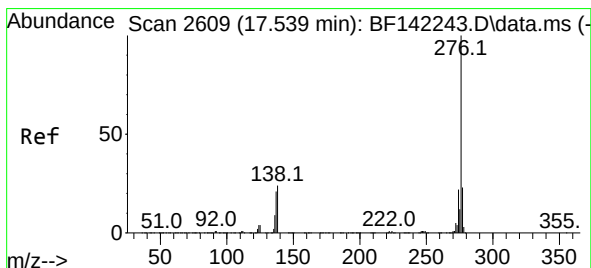
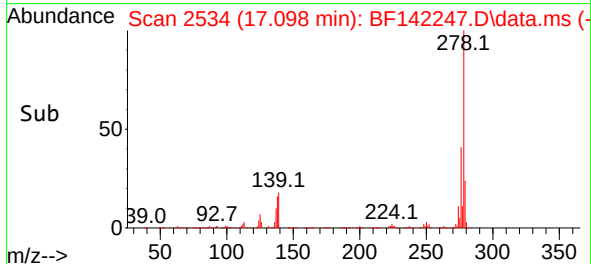
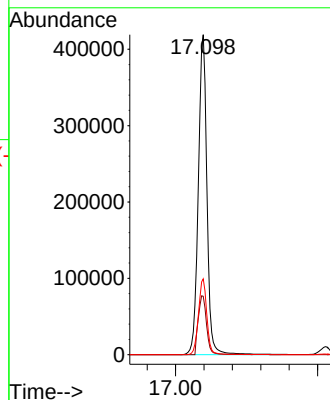
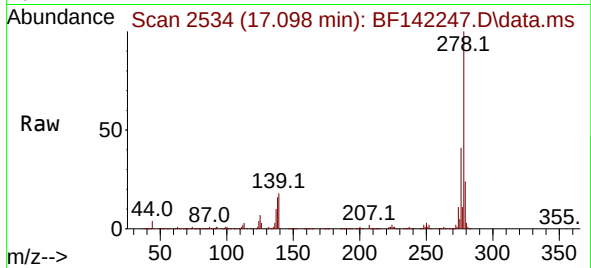
279 23.7 19.0 28.6

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#92

Benzo(g,h,i)perylene

Concen: 43.902 ng

RT: 17.527 min Scan# 2607

Delta R.T. -0.012 min

Lab File: BF142247.D

Acq: 30 Apr 2025 16:17

Tgt Ion:276 Resp: 899474

Ion Ratio Lower Upper

276 100

277 23.4 18.7 28.1

138 24.8 19.4 29.0

