

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
 Data File : BF142301.D
 Acq On : 05 May 2025 16:47
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/06/2025
 Supervised By :Jagrut Upadhyay 05/06/2025

Quant Time: May 05 18:00:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 17:44:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	197459	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	774183	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	403498	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	678705	20.000	ng	0.00
76) Chrysene-d12	14.074	240	358642	20.000	ng	0.00
86) Perylene-d12	15.563	264	387967	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1380708	119.365	ng	0.00
7) Phenol-d6	6.528	99	1681641	118.204	ng	0.00
23) Nitrobenzene-d5	7.475	82	1614559	127.189	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	509292	130.732	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	3015927	106.576	ng	0.00
79) Terphenyl-d14	13.022	244	2827945	116.709	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.681	88	308652	59.255	ng	100
3) Pyridine	3.446	79	777252	63.459	ng	99
4) n-Nitrosodimethylamine	3.405	42	429842	60.476	ng	99
6) Aniline	6.575	93	900100	64.503	ng	99
8) 2-Chlorophenol	6.687	128	760230	61.504	ng	99
9) Benzaldehyde	6.457	77	392710	47.164	ng	99
10) Phenol	6.545	94	902878m	59.871	ng	
11) bis(2-Chloroethyl)ether	6.645	93	853741m	57.408	ng	
12) 1,3-Dichlorobenzene	6.851	146	816681	57.752	ng	99
13) 1,4-Dichlorobenzene	6.928	146	820881	57.814	ng	99
14) 1,2-Dichlorobenzene	7.075	146	794010	58.260	ng	99
15) Benzyl Alcohol	7.045	79	597038	64.809	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1310008	58.989	ng	100
17) 2-Methylphenol	7.151	107	599927	59.949	ng	99
18) Hexachloroethane	7.422	117	288326	61.032	ng	99
19) n-Nitroso-di-n-propyla...	7.328	70	523983	59.543	ng	98
20) 3+4-Methylphenols	7.310	107	726451	58.165	ng	94
22) Acetophenone	7.316	105	972165	56.476	ng	# 93
24) Nitrobenzene	7.492	77	753847	62.999	ng	97
25) Isophorone	7.734	82	1444396	60.087	ng	100
26) 2-Nitrophenol	7.804	139	359513	61.112	ng	98
27) 2,4-Dimethylphenol	7.840	122	729069	60.325	ng	99
28) bis(2-Chloroethoxy)met...	7.939	93	896741	58.015	ng	100
29) 2,4-Dichlorophenol	8.045	162	636712	61.967	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	670104	57.949	ng	99
31) Naphthalene	8.216	128	2103149	56.052	ng	99
32) Benzoic acid	7.957	122	433085m	61.871	ng	
33) 4-Chloroaniline	8.257	127	963425m	63.039	ng	
34) Hexachlorobutadiene	8.328	225	401644	58.657	ng	100
35) Caprolactam	8.634	113	193098	64.619	ng	97
36) 4-Chloro-3-methylphenol	8.734	107	648747	60.738	ng	99
37) 2-Methylnaphthalene	8.904	142	1319794	56.607	ng	99
38) 1-Methylnaphthalene	9.004	142	1363474	56.109	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	650696	57.740	ng	99
41) Hexachlorocyclopentadiene	9.057	237	459147	65.925	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	448837	63.143	ng	98

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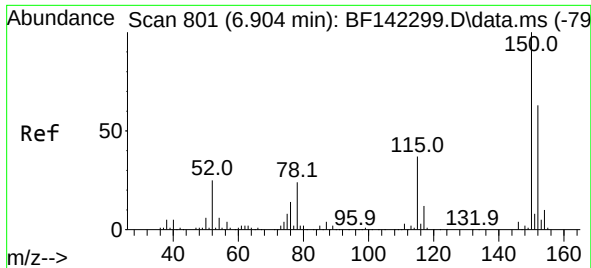
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	480305	63.505	ng	99
46) 1,1'-Biphenyl	9.369	154	1745424	56.417	ng	99
47) 2-Chloronaphthalene	9.392	162	1338338	58.169	ng	99
48) 2-Nitroaniline	9.486	65	407862	69.160	ng	95
49) Acenaphthylene	9.810	152	2215774	57.569	ng	99
50) Dimethylphthalate	9.669	163	1543896	59.587	ng	100
51) 2,6-Dinitrotoluene	9.728	165	330939	68.237	ng	96
52) Acenaphthene	9.981	154	1345347	58.133	ng	100
53) 3-Nitroaniline	9.898	138	385568	67.787	ng	98
54) 2,4-Dinitrophenol	9.998	184	149707	61.014	ng	# 25
55) Dibenzofuran	10.151	168	1947247	57.013	ng	98
56) 4-Nitrophenol	10.045	139	290245	67.801	ng	99
57) 2,4-Dinitrotoluene	10.128	165	430311	69.171	ng	98
58) Fluorene	10.498	166	1432119	54.944	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	398607	63.842	ng	98
60) Diethylphthalate	10.369	149	1515452	58.568	ng	99
61) 4-Chlorophenyl-phenyle...	10.486	204	714047	56.782	ng	99
62) 4-Nitroaniline	10.510	138	265178	58.823	ng	100
63) Azobenzene	10.645	77	1434293	58.009	ng	100
65) 4,6-Dinitro-2-methylph...	10.533	198	199546	60.816	ng	96
66) n-Nitrosodiphenylamine	10.604	169	1330840	58.927	ng	100
67) 4-Bromophenyl-phenylether	10.975	248	461892	60.048	ng	99
68) Hexachlorobenzene	11.039	284	504486	59.625	ng	100
69) Atrazine	11.128	200	376071	63.169	ng	100
70) Pentachlorophenol	11.233	266	304541	68.419	ng	98
71) Phenanthrene	11.457	178	2009150	56.475	ng	99
72) Anthracene	11.510	178	2082880	56.980	ng	100
73) Carbazole	11.663	167	1854181	56.538	ng	100
74) Di-n-butylphthalate	11.992	149	2073826	60.137	ng	100
75) Fluoranthene	12.645	202	1946773	54.742	ng	100
77) Benzidine	12.769	184	434063	66.599	ng	100
78) Pyrene	12.874	202	1954922	61.239	ng	100
80) Butylbenzylphthalate	13.492	149	591132	62.274	ng	99
81) Benzo(a)anthracene	14.063	228	1394561	60.043	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	347469	64.332	ng	99
83) Chrysene	14.098	228	1293807	59.838	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	769940	62.098	ng	99
85) Di-n-octyl phthalate	14.668	149	1414997	61.963	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	1749961	64.842	ng	100
88) Benzo(b)fluoranthene	15.127	252	1328806	56.551	ng	99
89) Benzo(k)fluoranthene	15.157	252	1296375	60.288	ng	99
90) Benzo(a)pyrene	15.504	252	1302088	61.838	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	1424781	63.902	ng	99
92) Benzo(g,h,i)perylene	17.539	276	1426095	64.444	ng	99

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

Manual Integrations

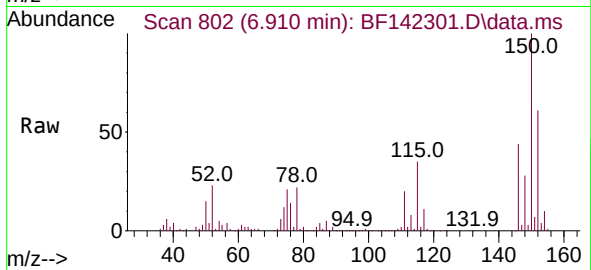
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

[illegible]



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.910 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: BF142301.D
 Acq: 05 May 2025 16:47

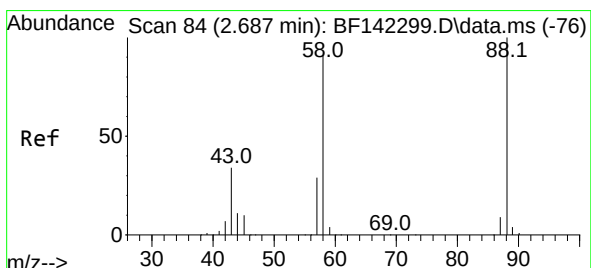
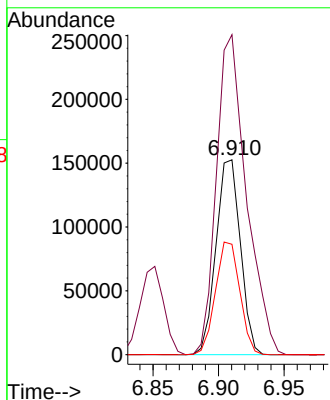
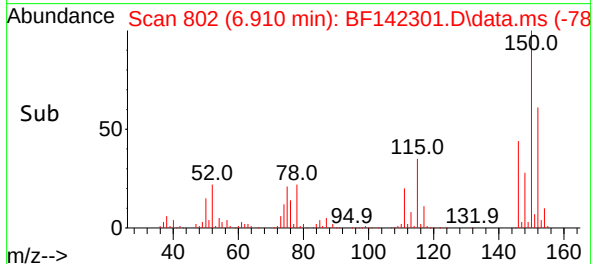
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060



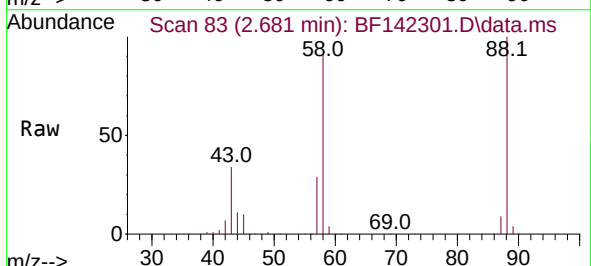
Tgt Ion:152 Resp: 197459
 Ion Ratio Lower Upper
 152 100
 150 164.2 126.6 190.0
 115 56.7 47.3 70.9

Manual Integrations
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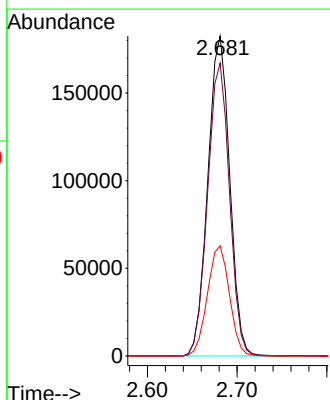
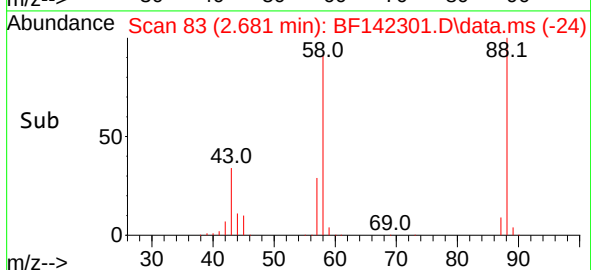
Reviewed By :Rahul Chavli 05/06/2025
 Supervised By :Jagrut Upadhyay 05/06/2025

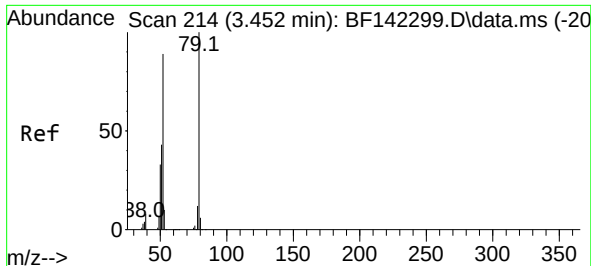


#2
 1,4-Dioxane
 Concen: 59.255 ng
 RT: 2.681 min Scan# 83
 Delta R.T. -0.006 min
 Lab File: BF142301.D
 Acq: 05 May 2025 16:47



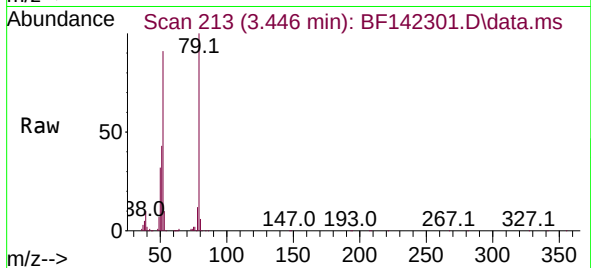
Tgt Ion: 88 Resp: 308652
 Ion Ratio Lower Upper
 88 100
 58 91.5 73.0 109.4
 43 34.7 27.8 41.6





#3
Pyridine
Concen: 63.459 ng
RT: 3.446 min Scan# 214
Delta R.T. -0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

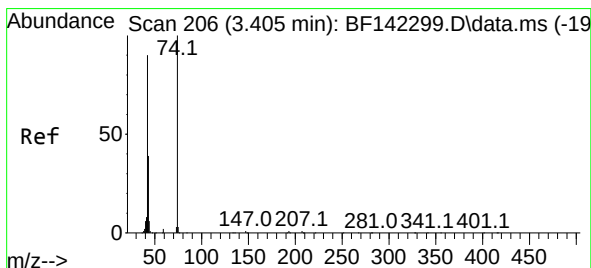
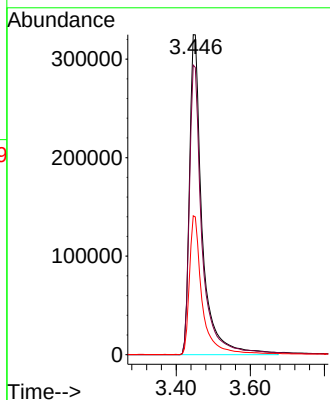
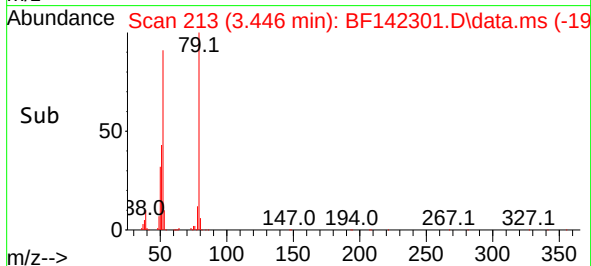
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion: 79 Resp: 77725
Ion Ratio Lower Upper
79 100
52 90.5 71.0 106.4
51 43.4 34.9 52.3

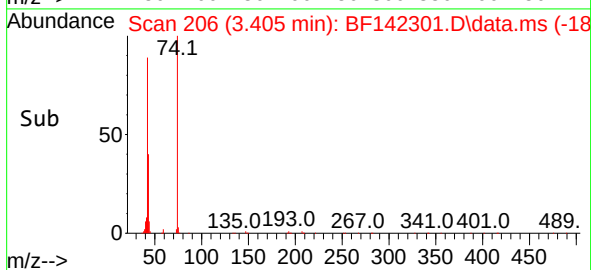
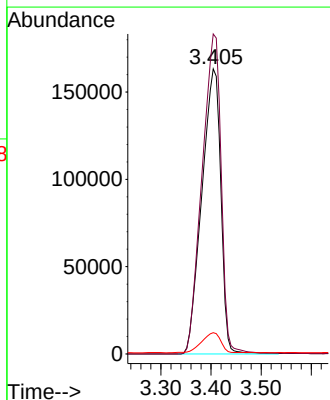
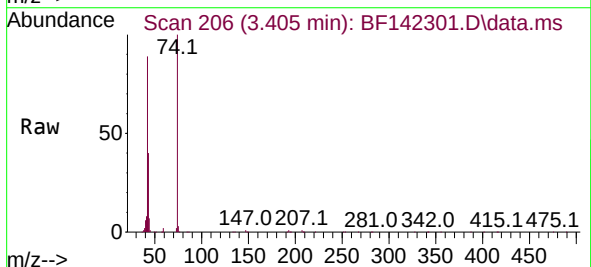
Manual Integrations
APPROVED

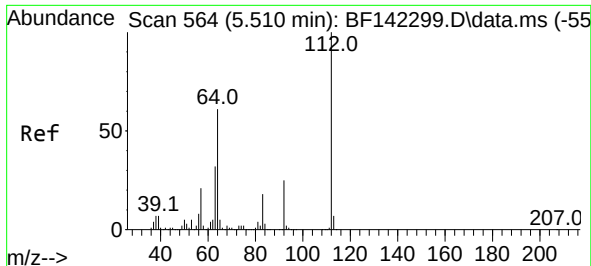
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025



#4
n-Nitrosodimethylamine
Concen: 60.476 ng
RT: 3.405 min Scan# 206
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion: 42 Resp: 429842
Ion Ratio Lower Upper
42 100
74 112.2 88.5 132.7
44 7.4 5.8 8.8





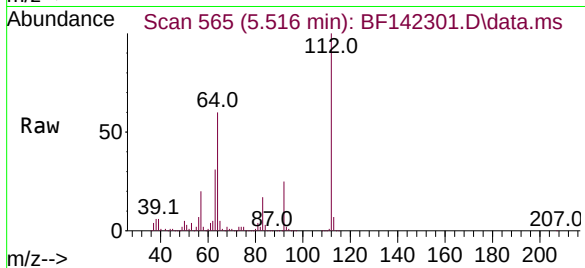
#5
2-Fluorophenol
Concen: 119.365 ng
RT: 5.516 min Scan# 501
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



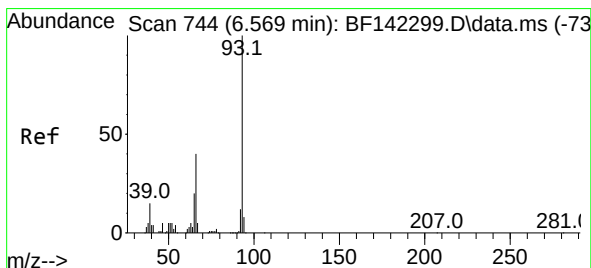
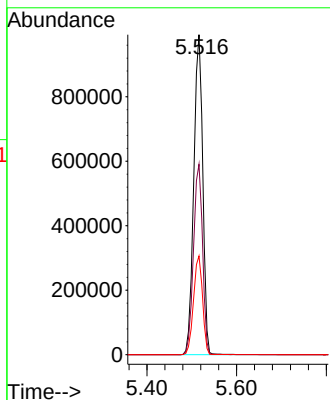
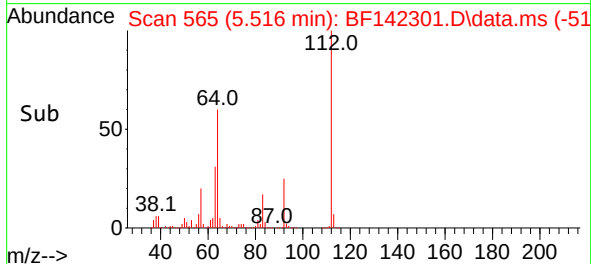
Tgt Ion: 112 Resp: 1380708
Ion Ratio Lower Upper
112 100
64 59.5 48.9 73.3
63 30.8 25.6 38.4

Manual Integrations

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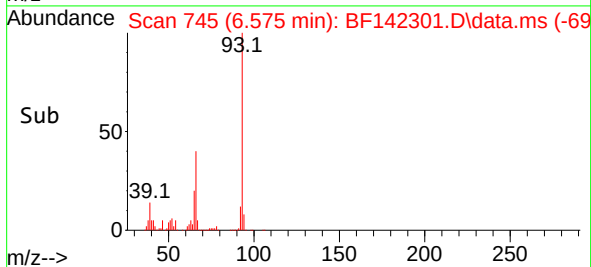
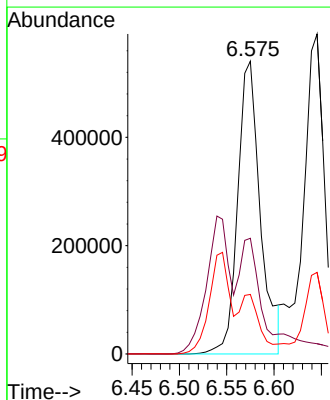
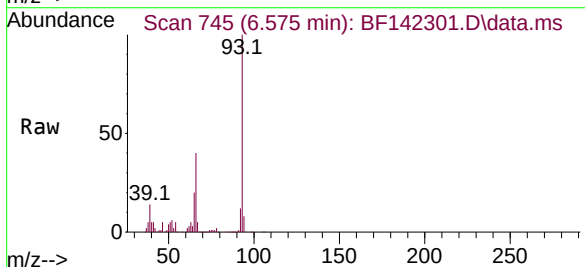
Reviewed By :Rahul Chavli 05/06/2025

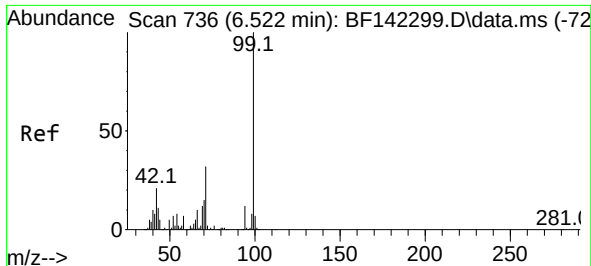
Supervised By :Jagrut Upadhyay 05/06/2025



#6
Aniline
Concen: 64.503 ng
RT: 6.575 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

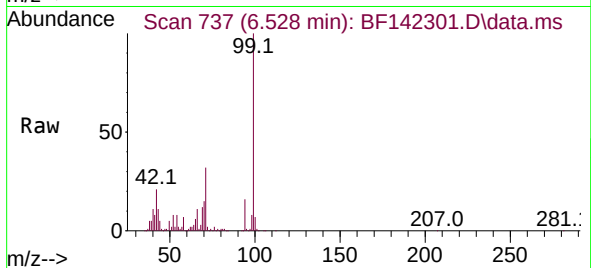
Tgt Ion: 93 Resp: 900100
Ion Ratio Lower Upper
93 100
66 39.5 32.2 48.4
65 20.3 16.3 24.5





#7
Phenol-d6
Concen: 118.204 ng
RT: 6.528 min Scan# 736
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

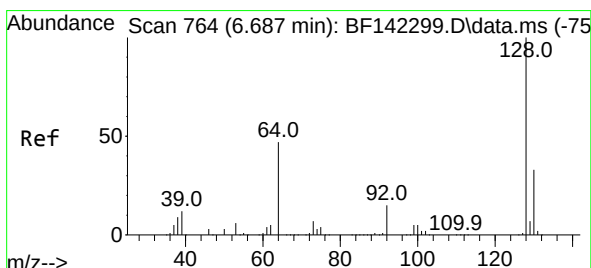
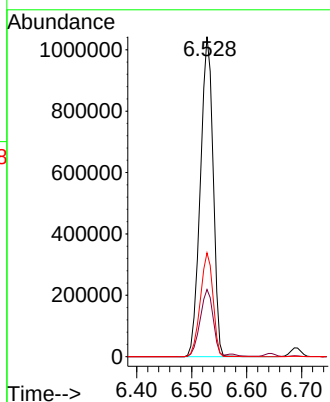
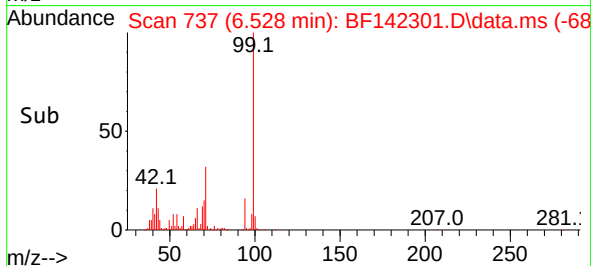
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion: 99 Resp: 168164
Ion Ratio Lower Upper
99 100
42 21.0 17.0 25.4
71 32.5 25.8 38.8

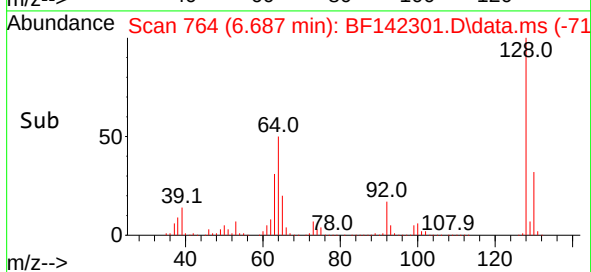
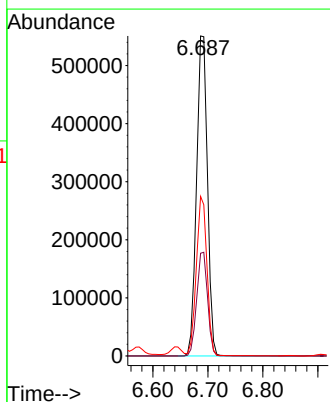
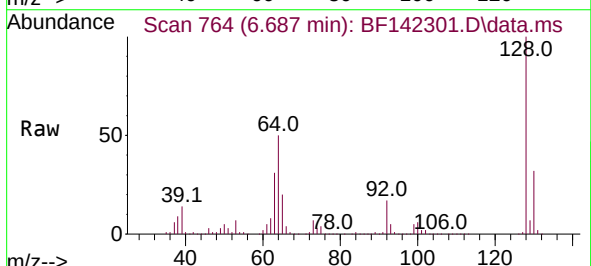
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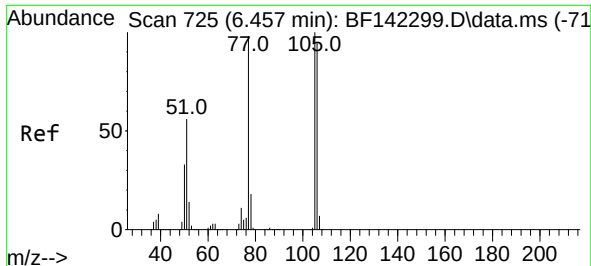
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025



#8
2-Chlorophenol
Concen: 61.504 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

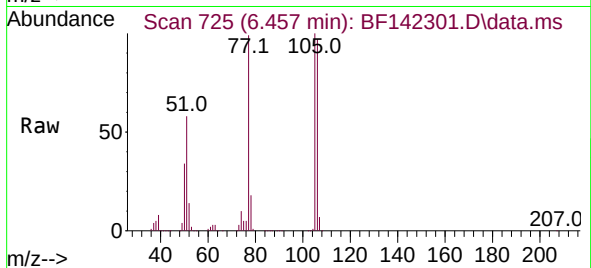
Tgt Ion:128 Resp: 760230
Ion Ratio Lower Upper
128 100
130 32.1 12.7 52.7
64 49.8 29.2 69.2





#9
Benzaldehyde
Concen: 47.164 ng
RT: 6.457 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

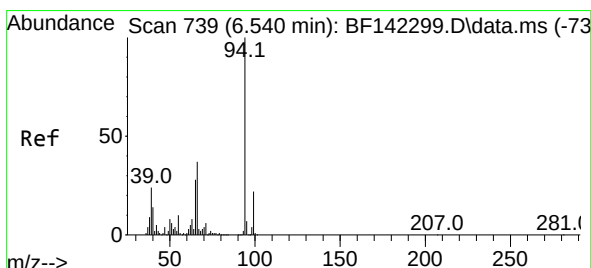
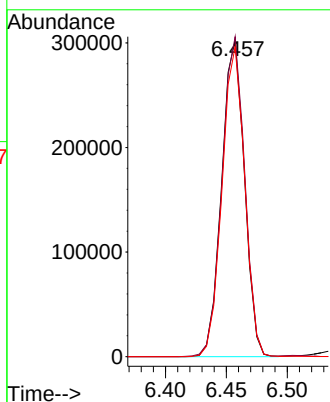
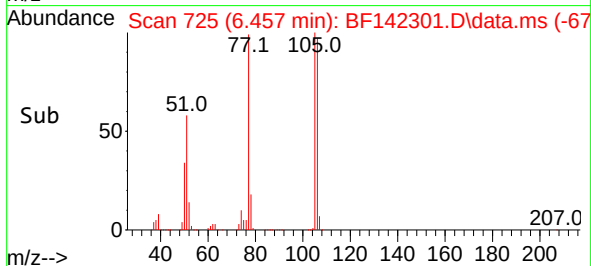
Instrument :
BNA_F
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SSTDICC060



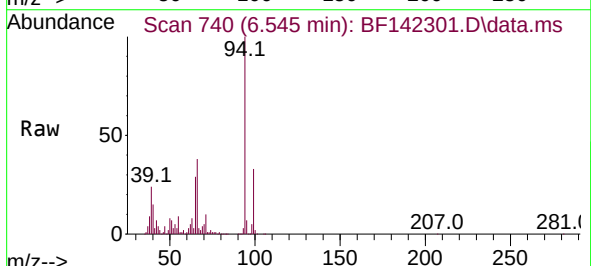
Tgt Ion: 77 Resp: 392710
Ion Ratio Lower Upper
77 100
105 101.2 82.0 122.0
106 98.0 77.2 117.2

Manual Integrations
APPROVED

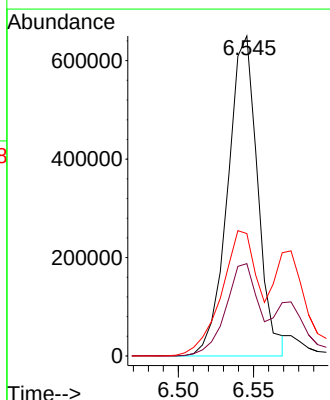
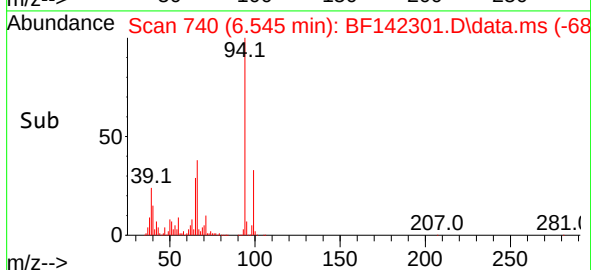
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

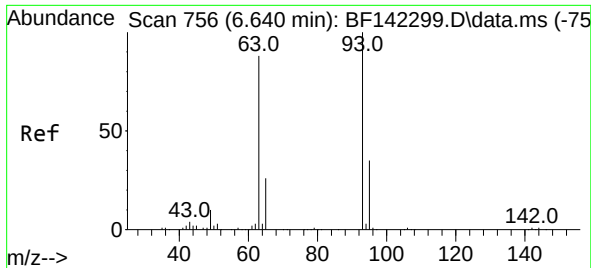


#10
Phenol
Concen: 59.871 ng m
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47



Tgt Ion: 94 Resp: 902878
Ion Ratio Lower Upper
94 100
65 28.9 8.5 48.5
66 38.3 17.3 57.3





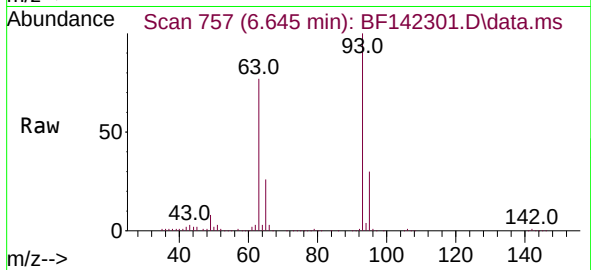
#11
bis(2-Chloroethyl)ether
Concen: 57.408 ng m
RT: 6.645 min Scan# 756
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

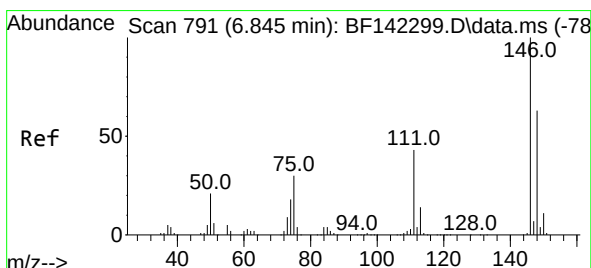
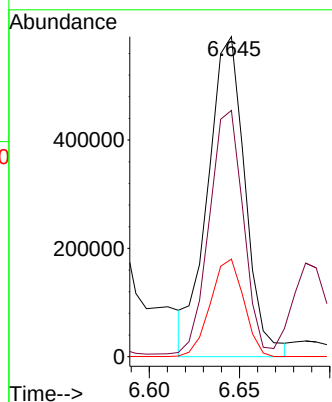
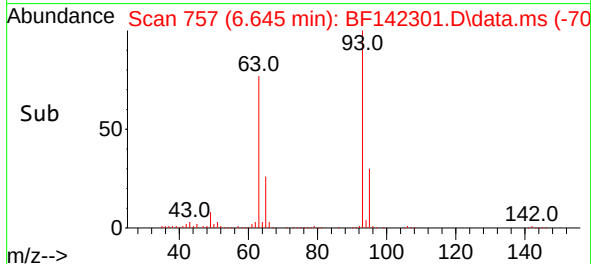


Tgt Ion: 93 Resp: 85374
Ion Ratio Lower Upper
93 100
63 77.0 58.4 98.4
95 30.5 10.6 50.6

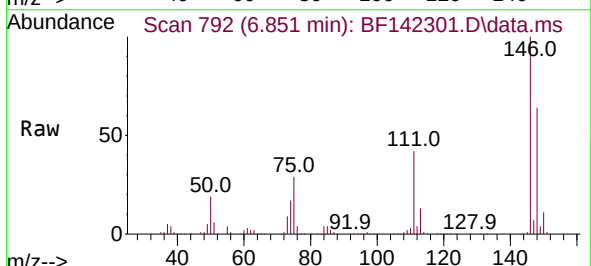
Manual Integrations

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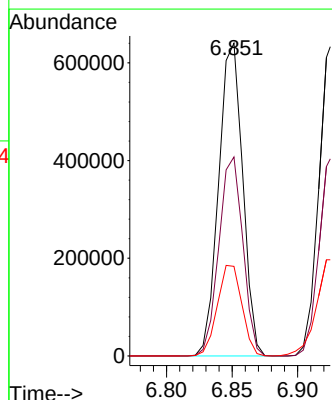
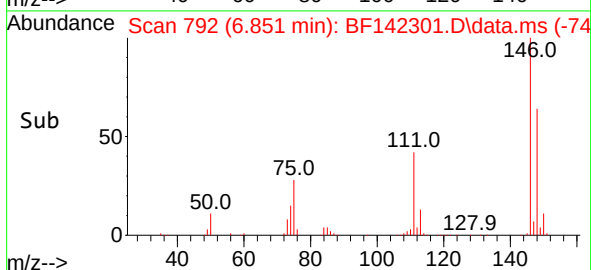
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

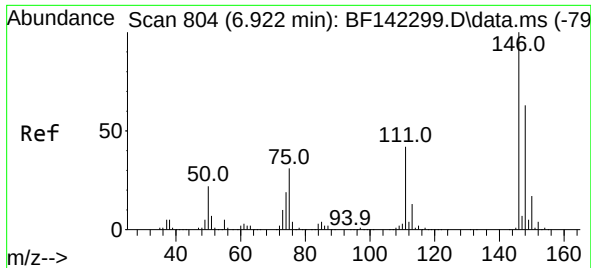


#12
1,3-Dichlorobenzene
Concen: 57.752 ng
RT: 6.851 min Scan# 792
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47



Tgt Ion:146 Resp: 816681
Ion Ratio Lower Upper
146 100
148 63.6 50.6 76.0
75 28.6 24.2 36.4





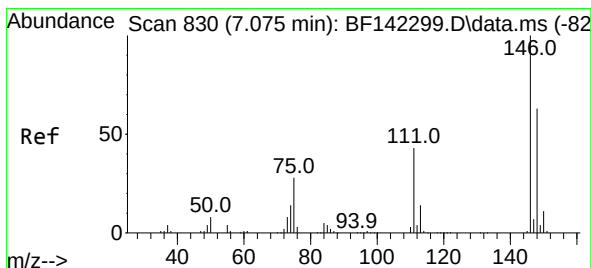
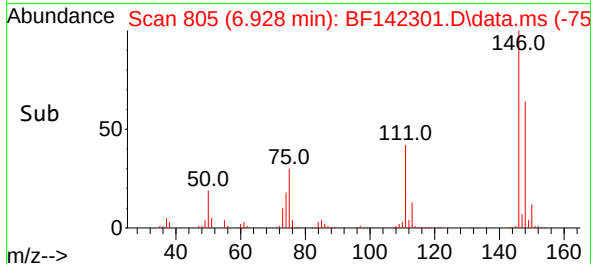
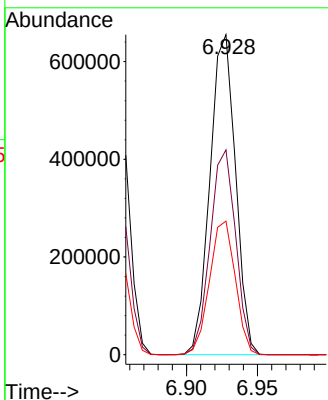
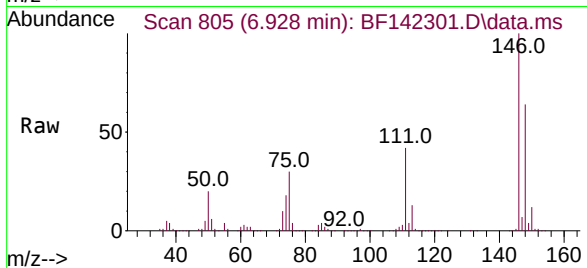
#13
1,4-Dichlorobenzene
Concen: 57.814 ng
RT: 6.928 min Scan# 804
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:146 Resp: 82088
Ion Ratio Lower Upper
146 100
148 64.0 50.5 75.7
111 41.8 33.4 50.2

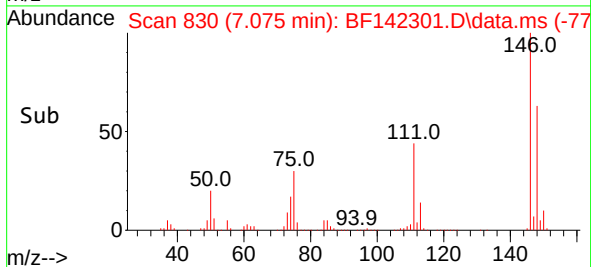
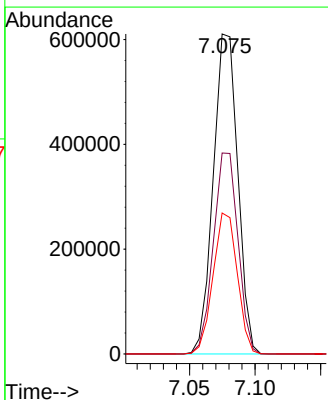
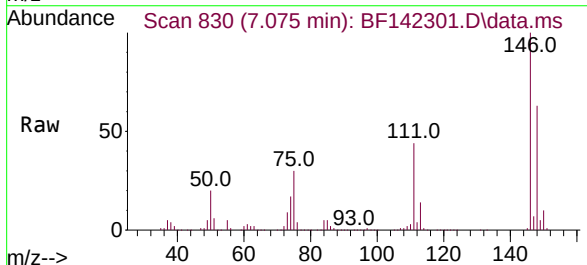
Manual Integrations
APPROVED

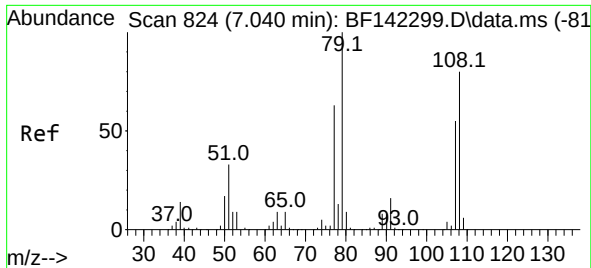
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025



#14
1,2-Dichlorobenzene
Concen: 58.260 ng
RT: 7.075 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:146 Resp: 794010
Ion Ratio Lower Upper
146 100
148 62.8 50.3 75.5
111 44.1 34.5 51.7





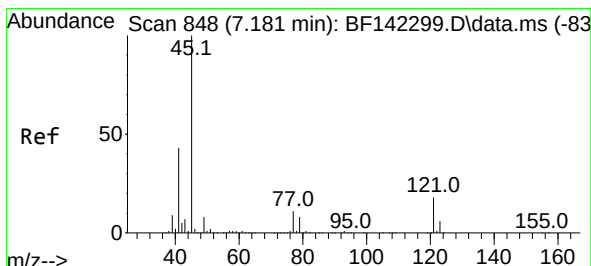
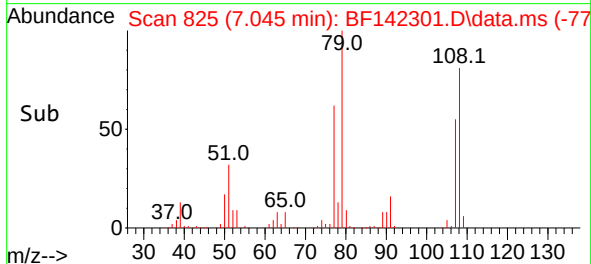
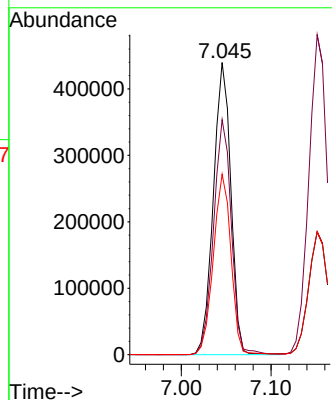
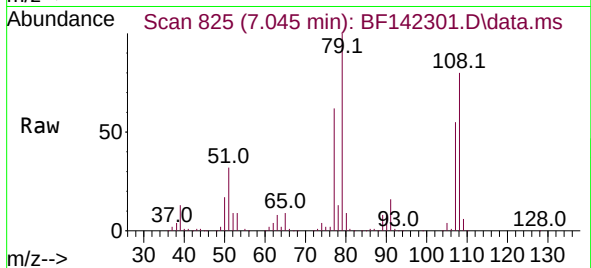
#15
Benzyl Alcohol
Concen: 64.809 ng
RT: 7.045 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 597038
Ion Ratio Lower Upper
79 100
108 80.5 63.9 95.9
77 61.8 50.7 76.1

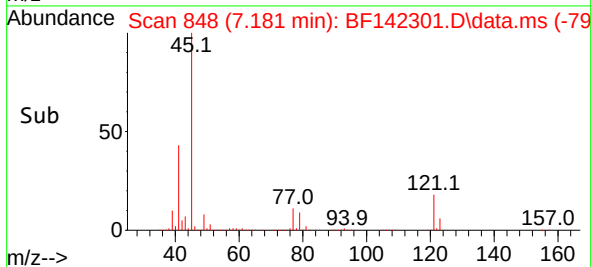
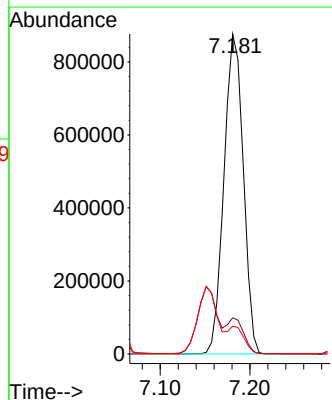
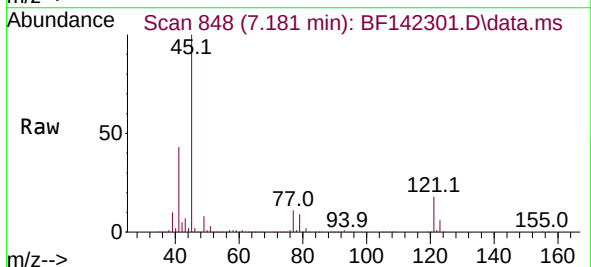
Manual Integrations
APPROVED

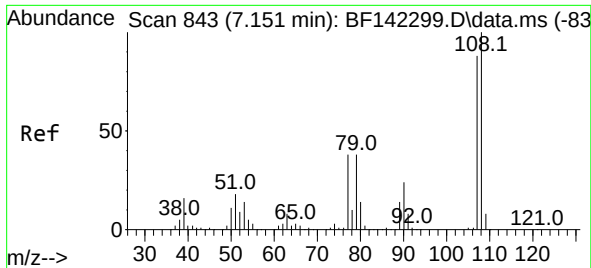
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 58.989 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

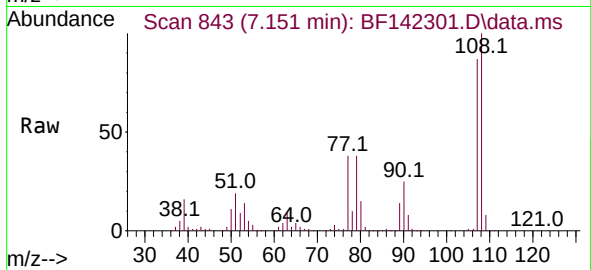
Tgt Ion: 45 Resp: 1310008
Ion Ratio Lower Upper
45 100
77 11.3 0.0 31.2
79 8.7 0.0 28.5





#17
2-Methylphenol
Concen: 59.949 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

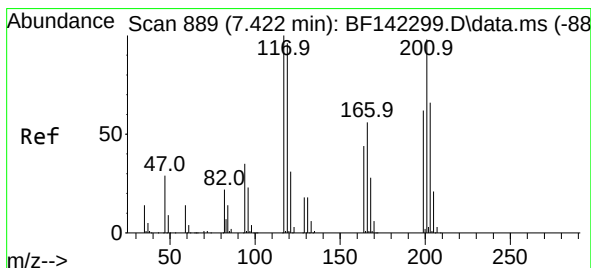
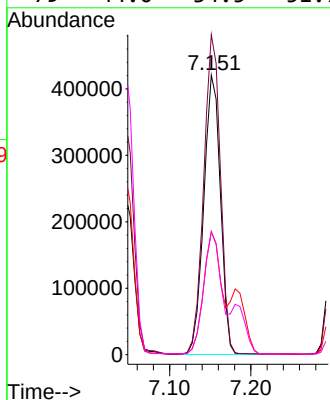
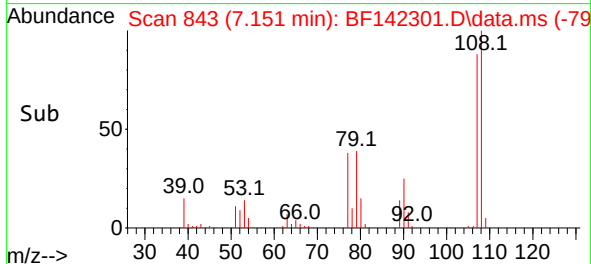
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:107 Resp: 599927
Ion Ratio Lower Upper
107 100
108 114.5 91.1 136.7
77 44.0 34.7 52.1
79 44.0 34.5 51.7

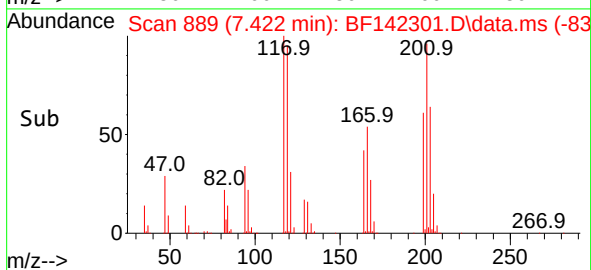
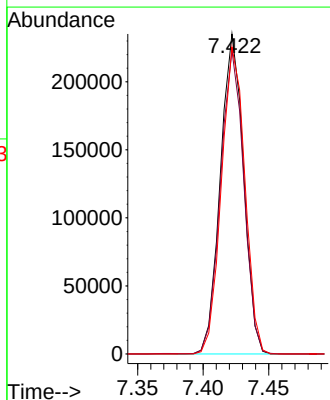
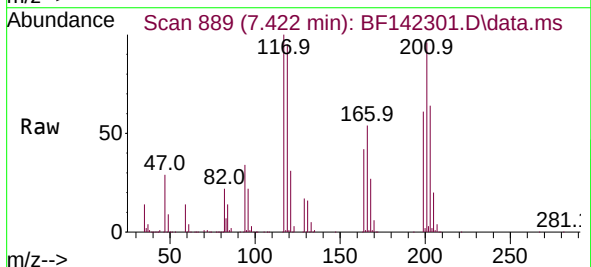
Manual Integrations
APPROVED

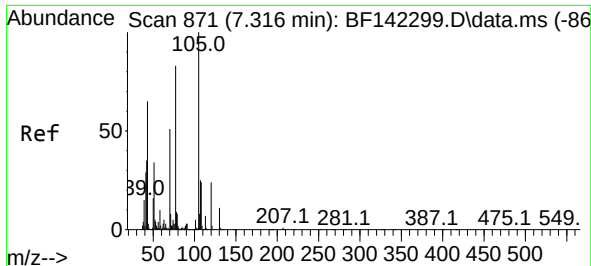
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025



#18
Hexachloroethane
Concen: 61.032 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

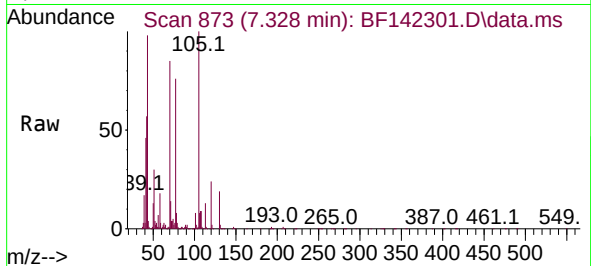
Tgt Ion:117 Resp: 288326
Ion Ratio Lower Upper
117 100
119 94.8 76.9 115.3
201 95.9 78.0 117.0





#19
n-Nitroso-di-n-propylamine
Concen: 59.543 ng
RT: 7.328 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

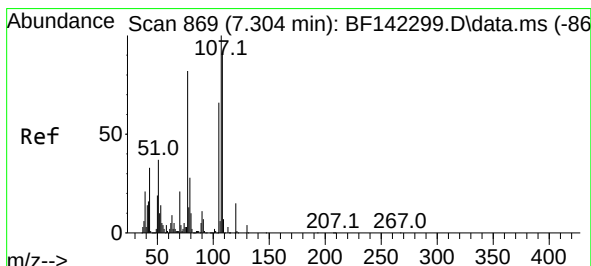
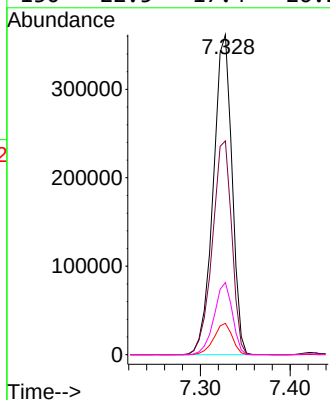
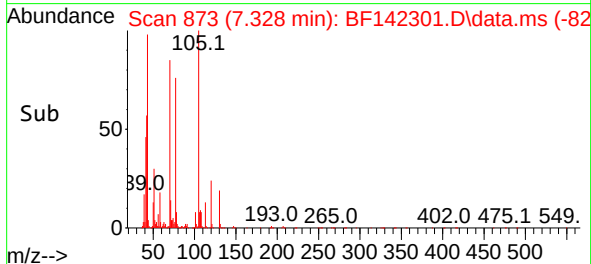
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



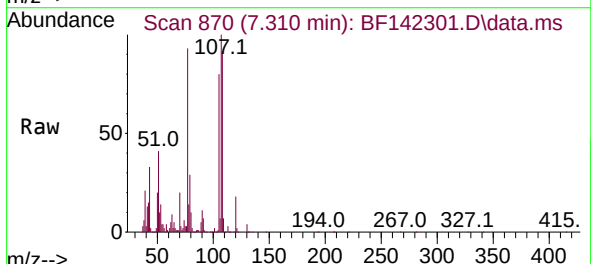
Tgt Ion: 70 Resp: 52398
Ion Ratio Lower Upper
70 100
42 66.8 54.8 82.2
101 9.8 7.7 11.5
130 22.5 17.4 26.2

Manual Integrations
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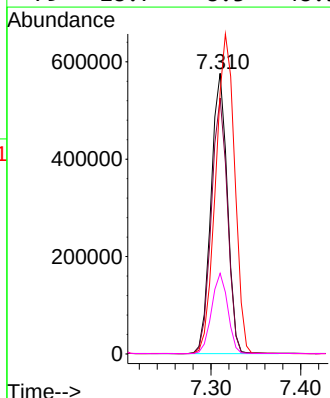
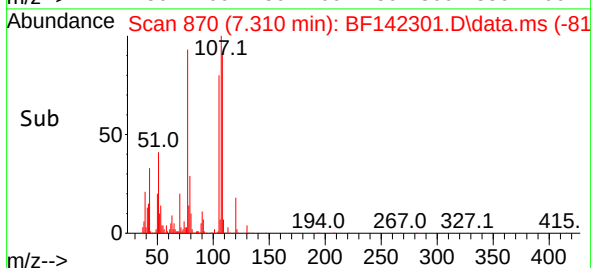
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

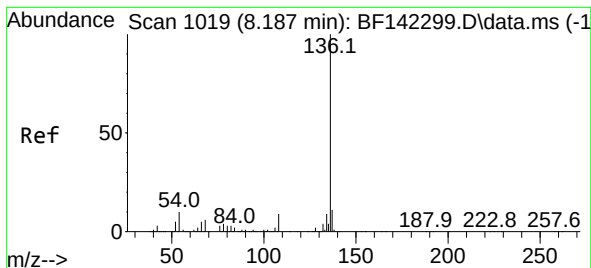


#20
3+4-Methylphenols
Concen: 58.165 ng
RT: 7.310 min Scan# 870
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47



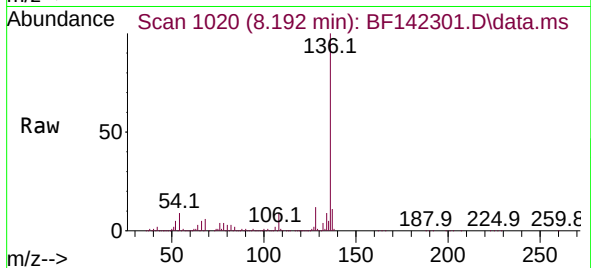
Tgt Ion:107 Resp: 726451
Ion Ratio Lower Upper
107 100
108 91.2 71.5 111.5
77 93.3 61.6 101.6
79 28.7 8.3 48.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1019
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

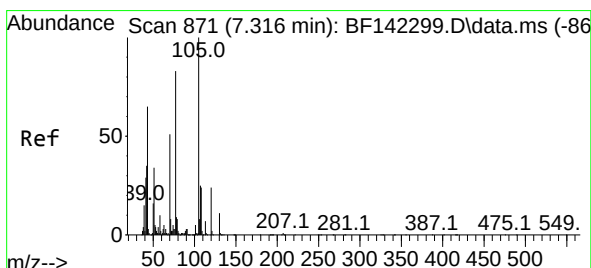
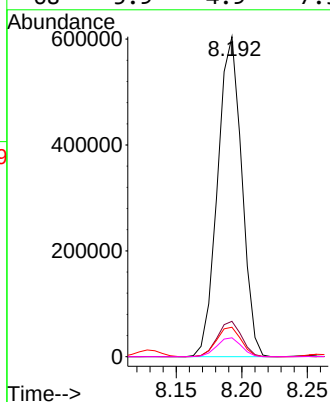
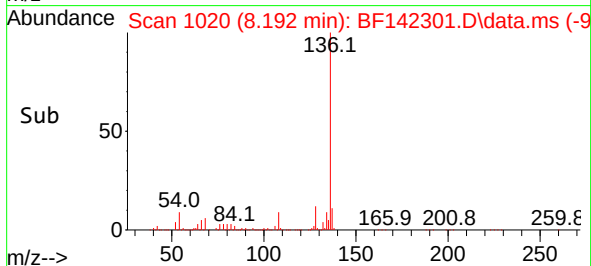
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:136 Resp: 774183
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.2 7.7 11.5
68 5.9 4.9 7.3

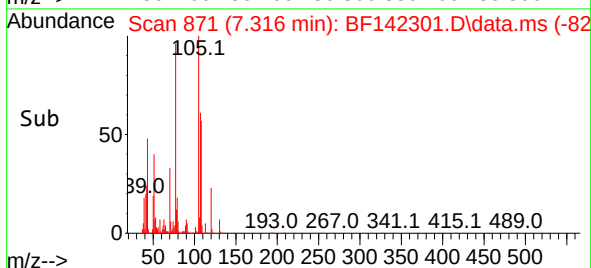
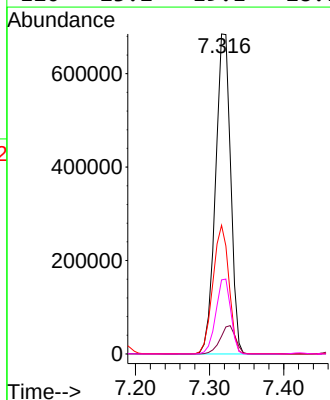
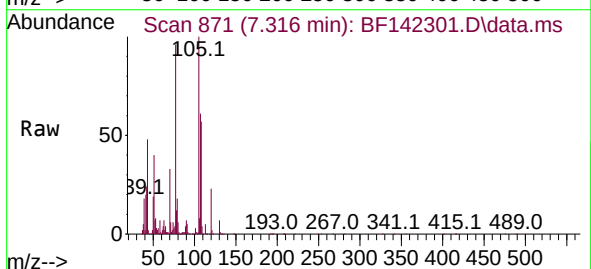
Manual Integrations
APPROVED

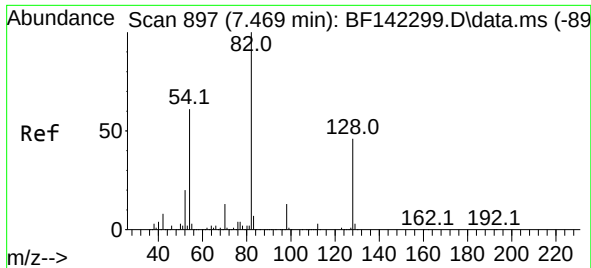
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025



#22
Acetophenone
Concen: 56.476 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

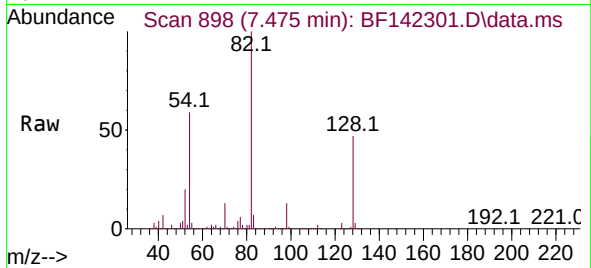
Tgt Ion:105 Resp: 972165
Ion Ratio Lower Upper
105 100
71 5.5 6.7 10.1#
51 40.2 27.6 41.4
120 23.2 19.1 28.7





#23
Nitrobenzene-d5
Concen: 127.189 ng
RT: 7.475 min Scan# 897
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

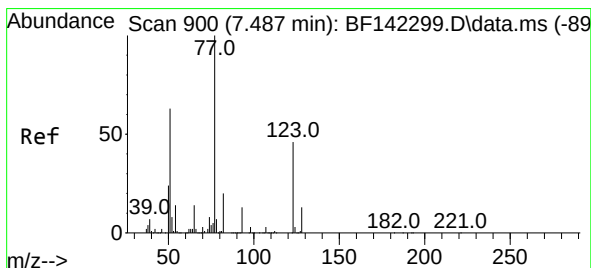
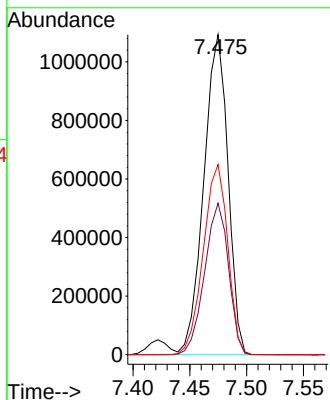
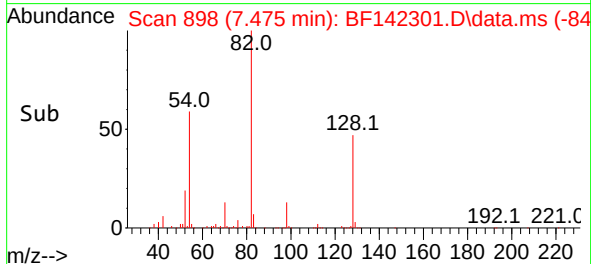
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



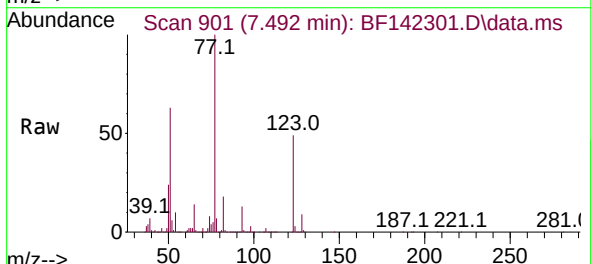
Tgt Ion: 82 Resp: 161455
Ion Ratio Lower Upper
82 100
128 47.4 37.0 55.6
54 59.4 48.6 73.0

Manual Integrations
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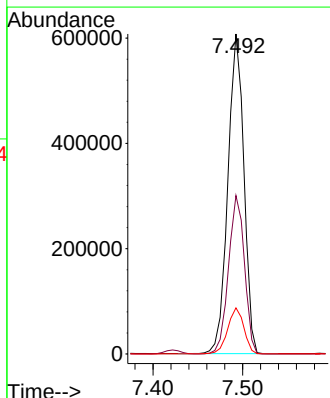
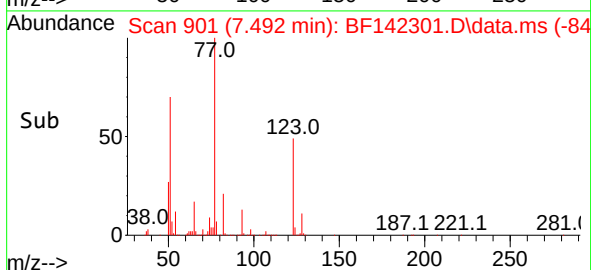
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

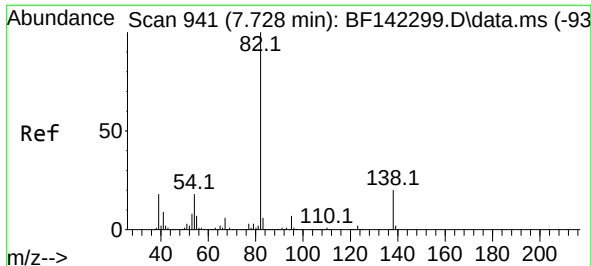


#24
Nitrobenzene
Concen: 62.999 ng
RT: 7.492 min Scan# 901
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47



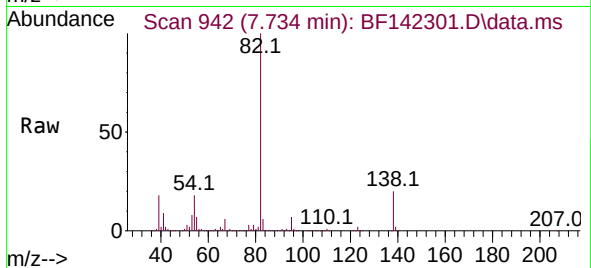
Tgt Ion: 77 Resp: 753847
Ion Ratio Lower Upper
77 100
123 49.5 37.8 56.8
65 14.4 11.4 17.0





#25
Isophorone
Concen: 60.087 ng
RT: 7.734 min Scan# 941
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

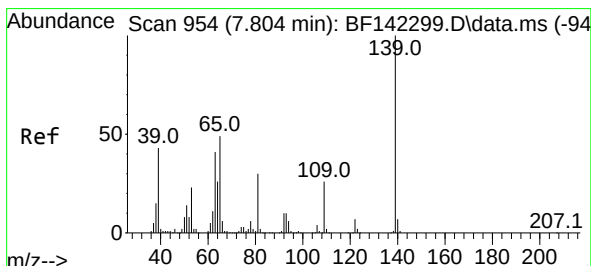
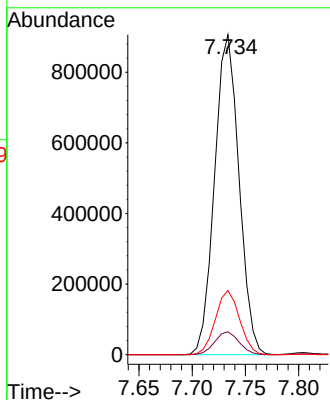
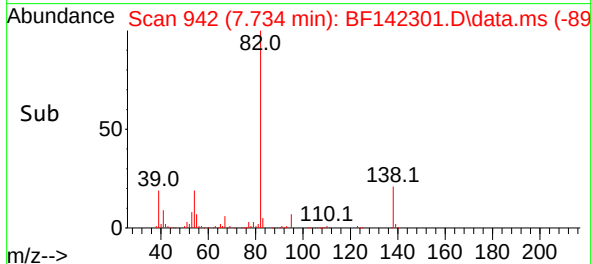
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



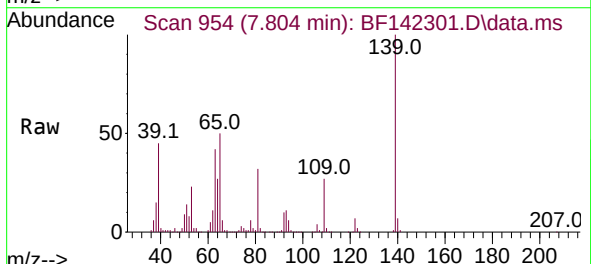
Tgt Ion: 82 Resp: 1444390
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.8
138 20.1 16.1 24.1

Manual Integrations
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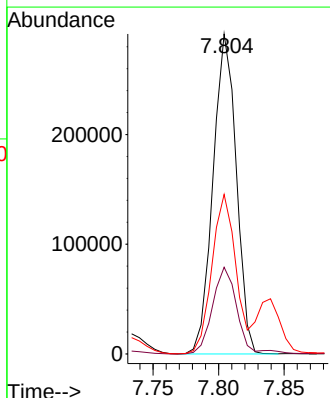
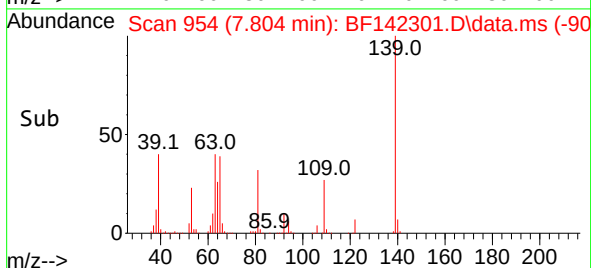
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

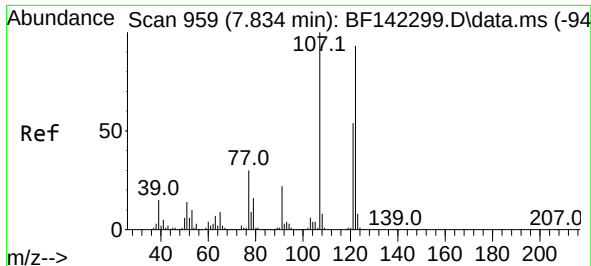


#26
2-Nitrophenol
Concen: 61.112 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47



Tgt Ion:139 Resp: 359513
Ion Ratio Lower Upper
139 100
109 27.1 20.8 31.2
65 49.9 38.9 58.3





#27

2,4-Dimethylphenol

Concen: 60.325 ng

RT: 7.840 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF142301.D

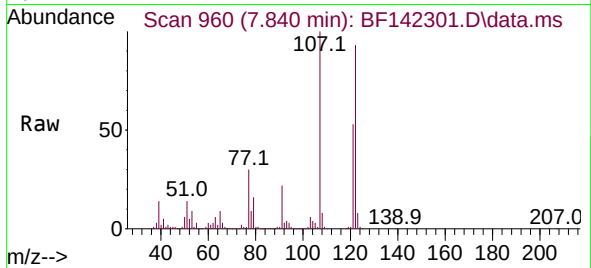
Acq: 05 May 2025 16:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:122 Resp: 729069

Ion Ratio Lower Upper

122 100

107 107.0 86.0 129.0

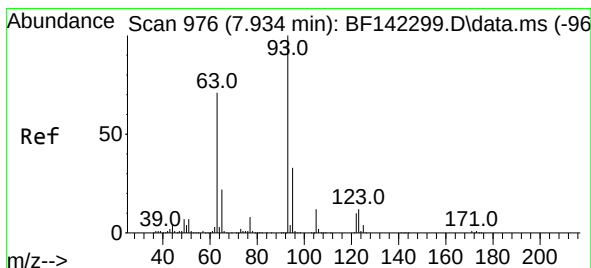
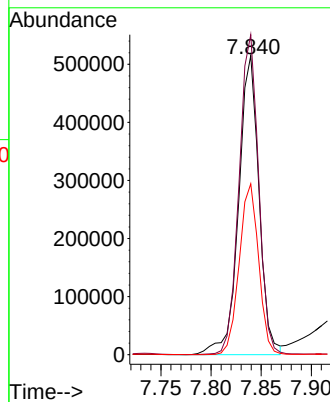
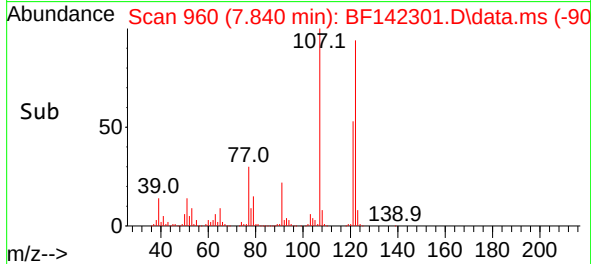
121 57.2 46.2 69.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/06/2025

Supervised By :Jagrut Upadhyay 05/06/2025



#28

bis(2-Chloroethoxy)methane

Concen: 58.015 ng

RT: 7.939 min Scan# 977

Delta R.T. 0.006 min

Lab File: BF142301.D

Acq: 05 May 2025 16:47

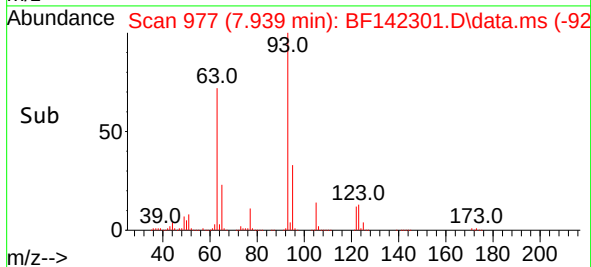
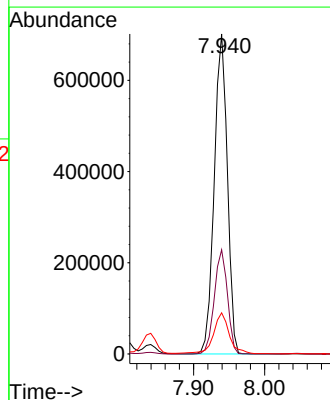
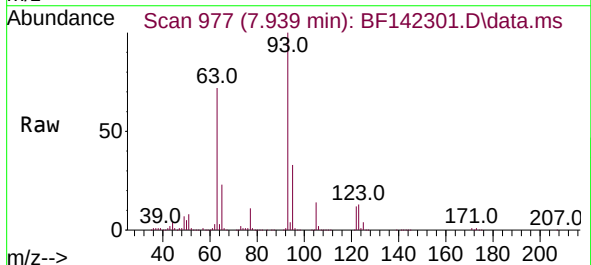
Tgt Ion: 93 Resp: 896741

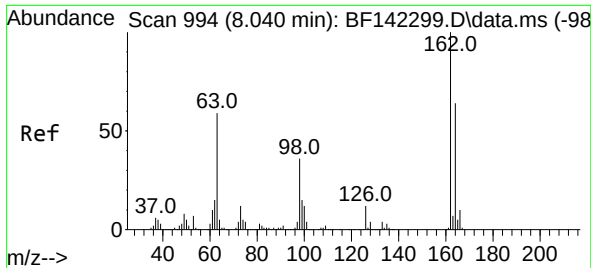
Ion Ratio Lower Upper

93 100

95 32.6 26.1 39.1

123 12.8 10.2 15.4





#29
2,4-Dichlorophenol
Concen: 61.967 ng
RT: 8.045 min Scan# 994
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Instrument :

BNA_F

ClientSampleId :

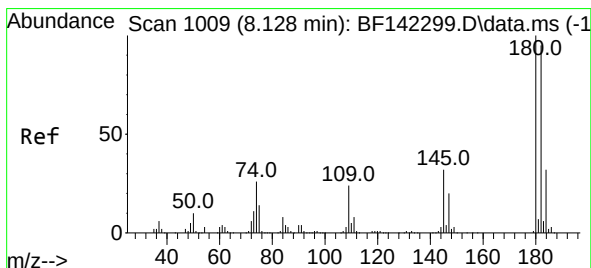
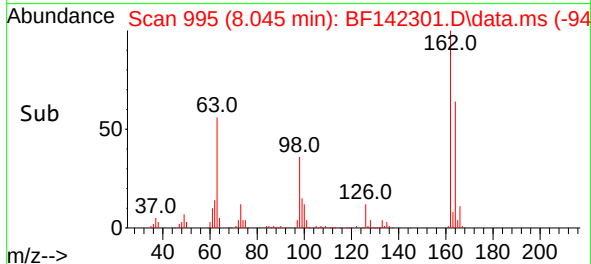
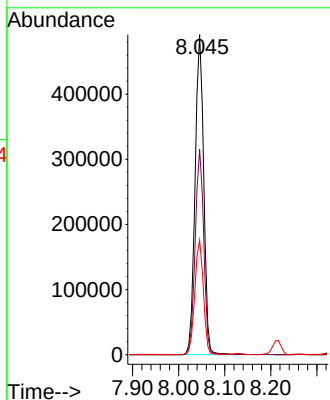
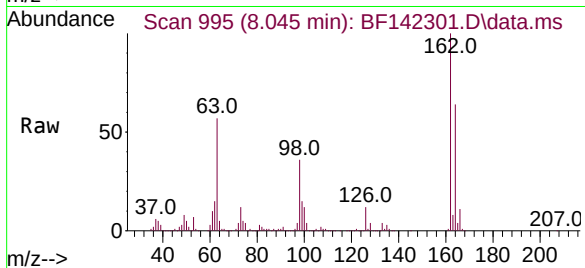
SSTDICC060

Tgt Ion:162 Resp: 636712
Ion Ratio Lower Upper
162 100
164 64.2 43.6 83.6
98 35.7 16.5 56.5

Manual Integrations

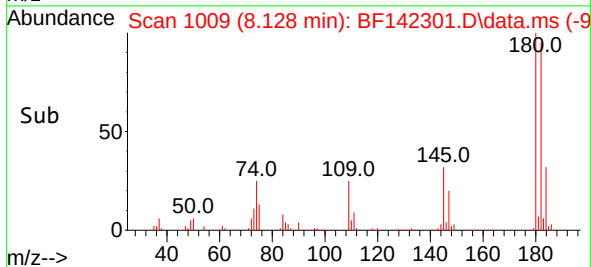
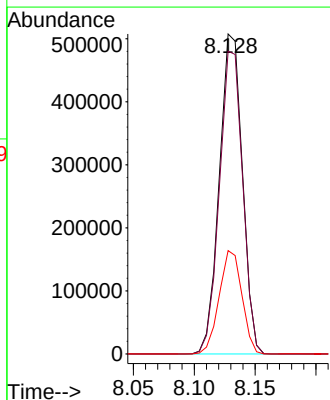
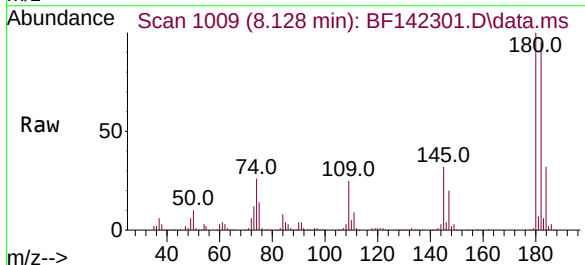
APPROVED

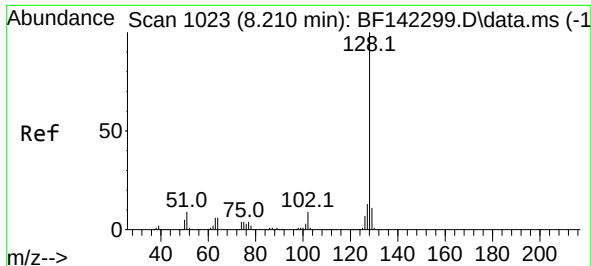
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025



#30
1,2,4-Trichlorobenzene
Concen: 57.949 ng
RT: 8.128 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

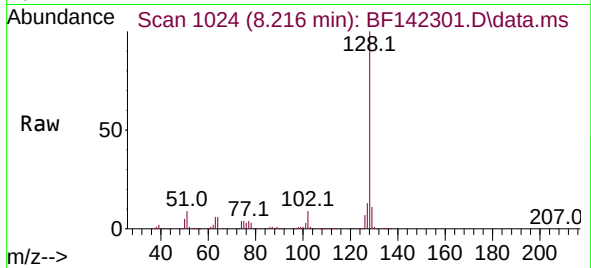
Tgt Ion:180 Resp: 670104
Ion Ratio Lower Upper
180 100
182 94.6 76.2 114.4
145 32.3 25.8 38.6





#31
Naphthalene
Concen: 56.052 ng
RT: 8.216 min Scan# 1023
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

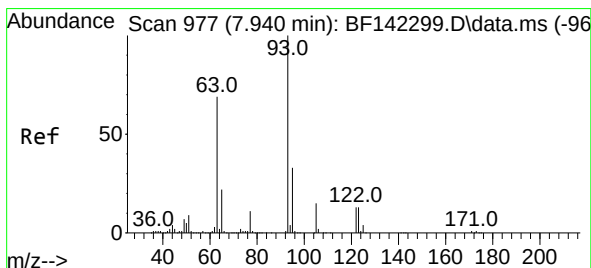
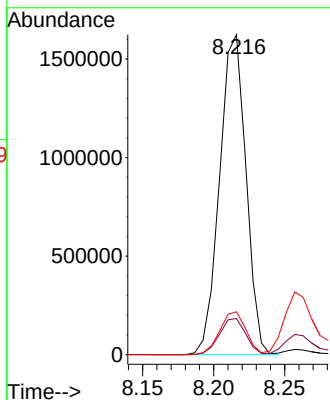
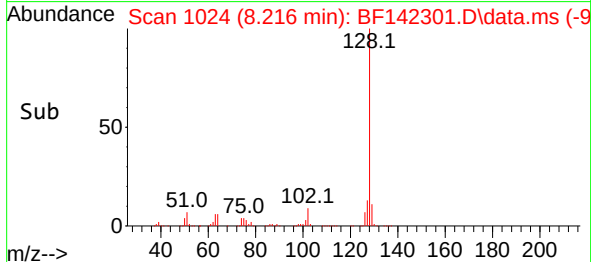
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:128 Resp: 2103149
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.4 10.5 15.7

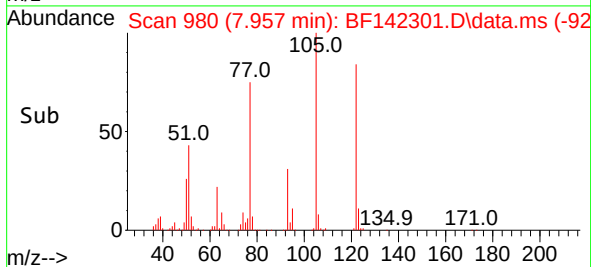
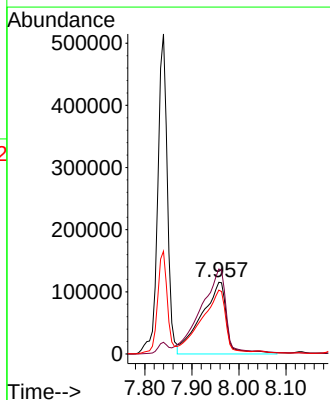
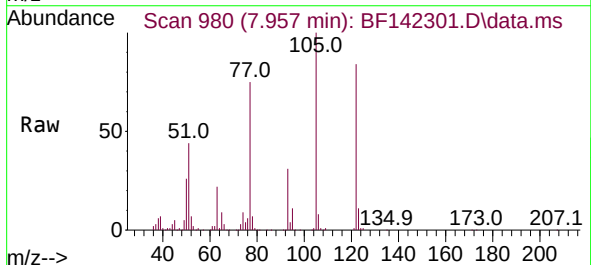
Manual Integrations
APPROVED

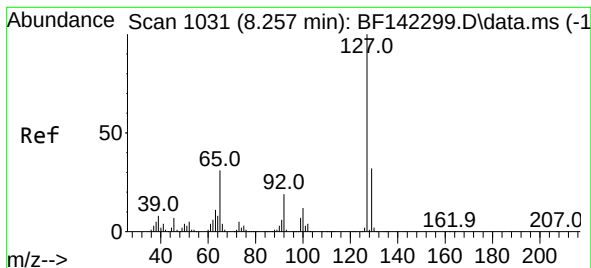
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025



#32
Benzoic acid
Concen: 61.871 ng m
RT: 7.957 min Scan# 980
Delta R.T. 0.017 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

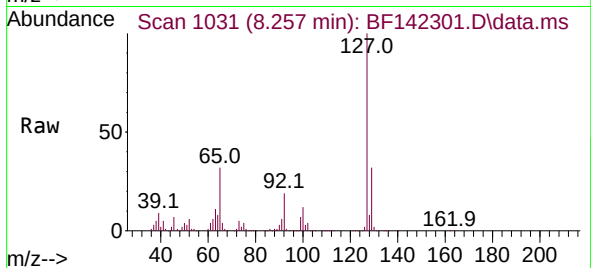
Tgt Ion:122 Resp: 433085
Ion Ratio Lower Upper
122 100
105 118.7 97.9 137.9
77 89.0 67.7 107.7





#33
4-Chloroaniline
Concen: 63.039 ng m
RT: 8.257 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

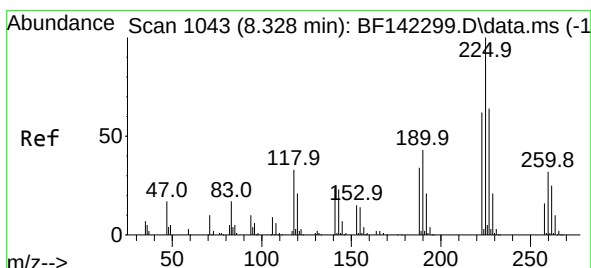
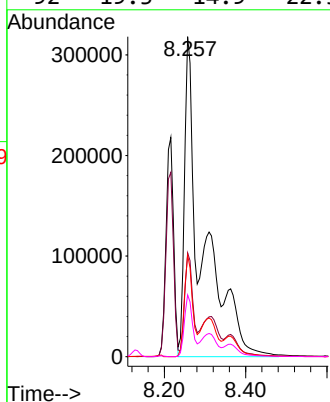
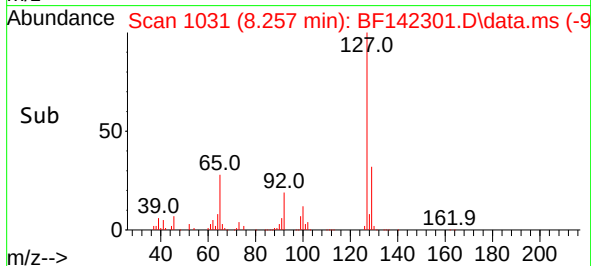
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:127 Resp: 963425
Ion Ratio Lower Upper
127 100
129 32.5 25.7 38.5
65 31.7 24.9 37.3
92 19.3 14.9 22.3

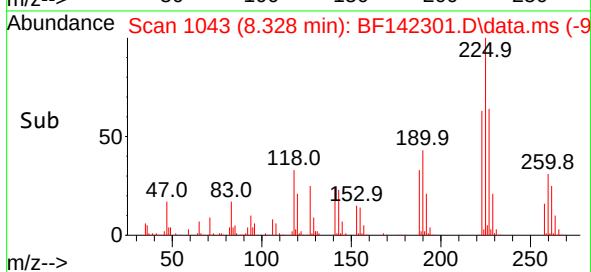
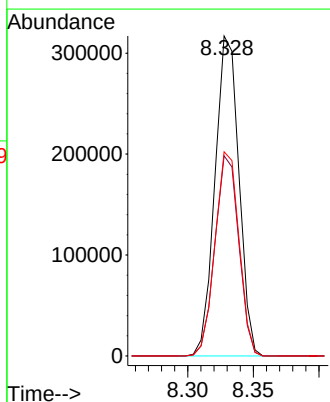
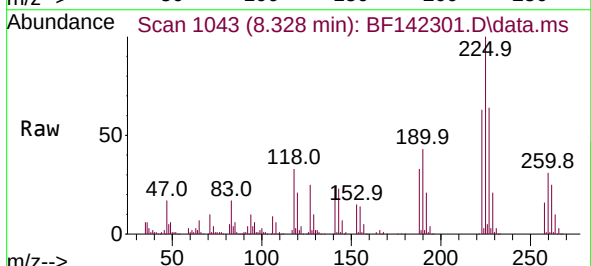
Manual Integrations
APPROVED

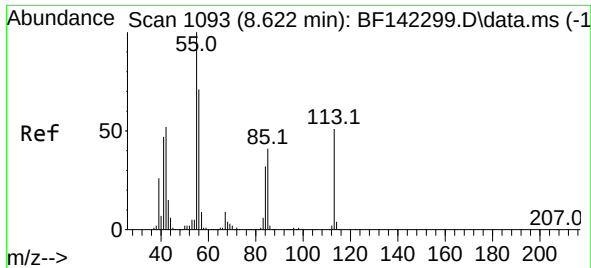
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025



#34
Hexachlorobutadiene
Concen: 58.657 ng
RT: 8.328 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

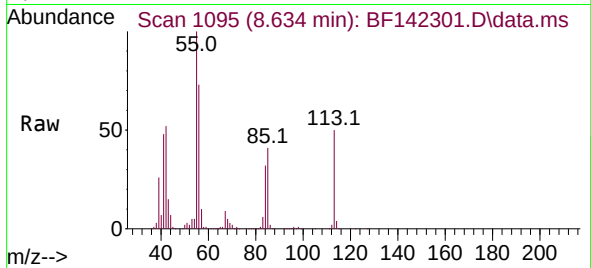
Tgt Ion:225 Resp: 401644
Ion Ratio Lower Upper
225 100
223 62.6 49.8 74.6
227 63.8 50.9 76.3





#35
Caprolactam
Concen: 64.619 ng
RT: 8.634 min Scan# 1109
Delta R.T. 0.012 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

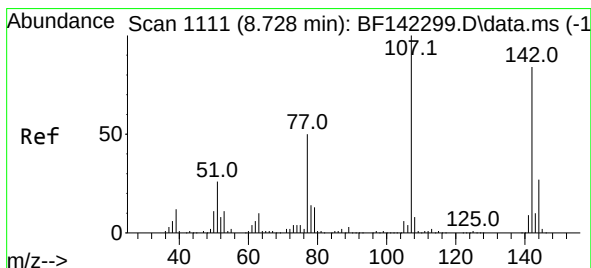
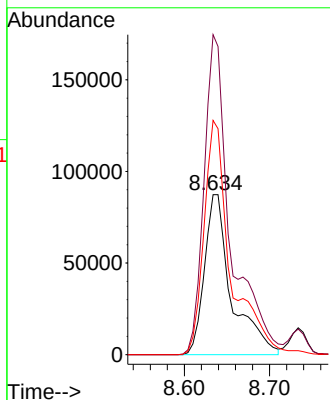
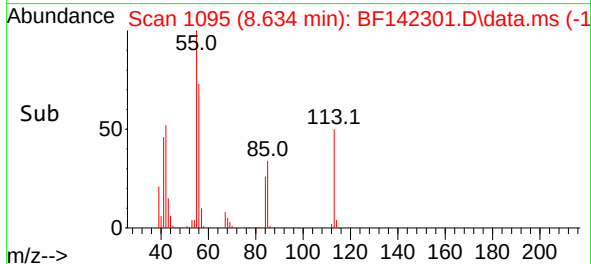
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:113 Resp: 193098
Ion Ratio Lower Upper
113 100
55 200.0 176.4 216.4
56 146.4 120.3 160.3

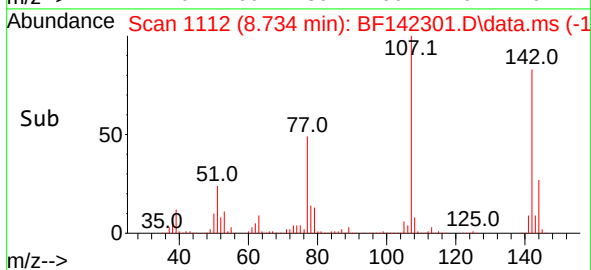
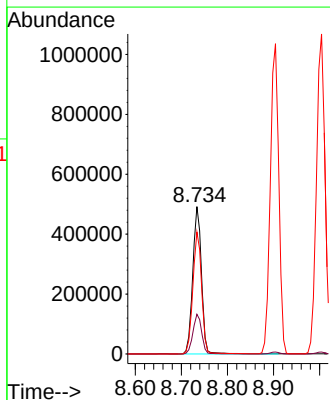
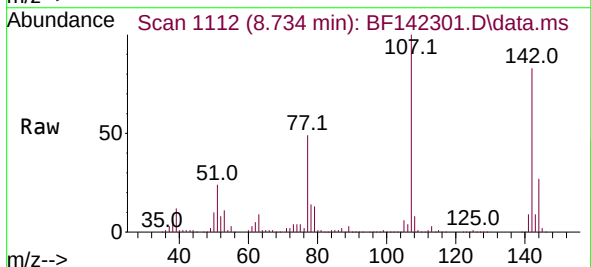
Manual Integrations
APPROVED

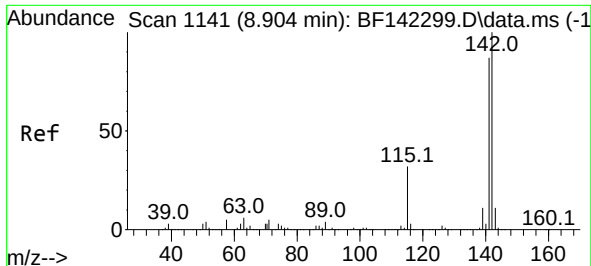
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025



#36
4-Chloro-3-methylphenol
Concen: 60.738 ng
RT: 8.734 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:107 Resp: 648747
Ion Ratio Lower Upper
107 100
144 26.9 21.3 31.9
142 82.8 66.9 100.3





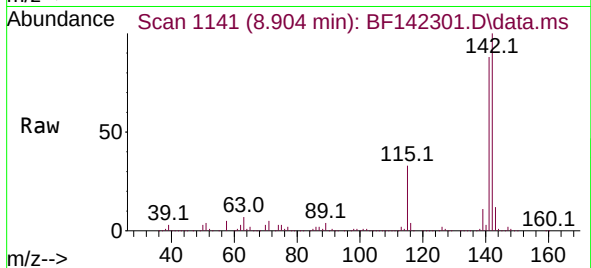
#37
2-Methylnaphthalene
Concen: 56.607 ng
RT: 8.904 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



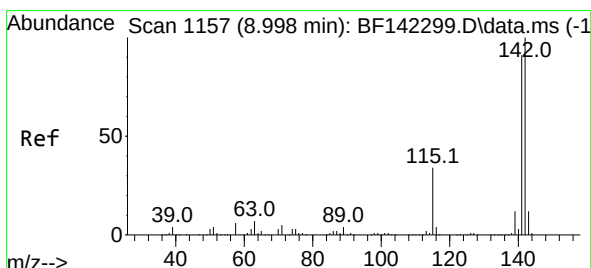
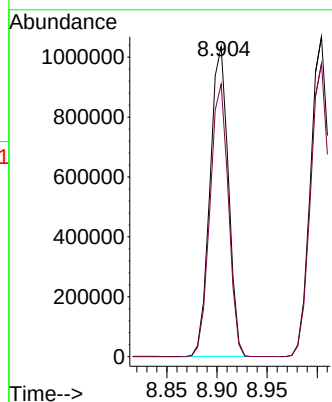
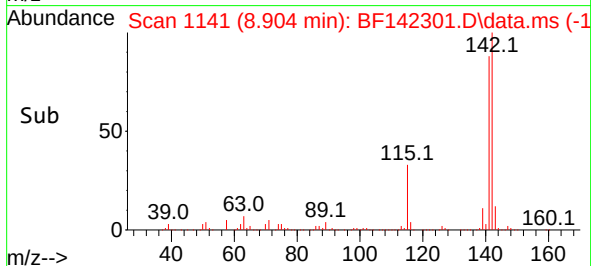
Tgt Ion:142 Resp: 1319794
Ion Ratio Lower Upper
142 100
141 87.9 69.4 104.2

Manual Integrations

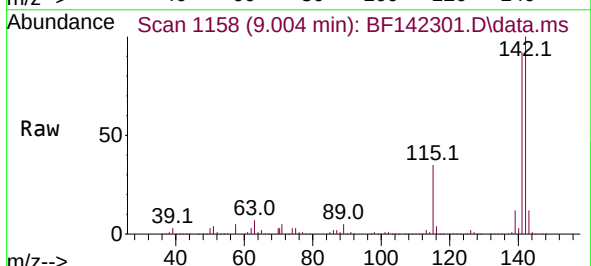
APPROVED

Reviewed By :Rahul Chavli 05/06/2025

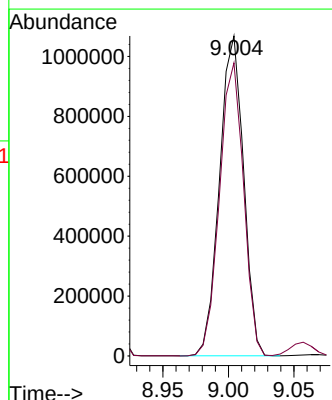
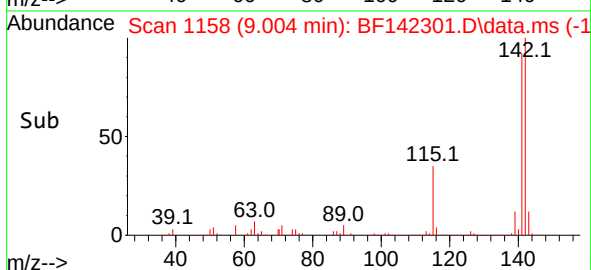
Supervised By :Jagrut Upadhyay 05/06/2025

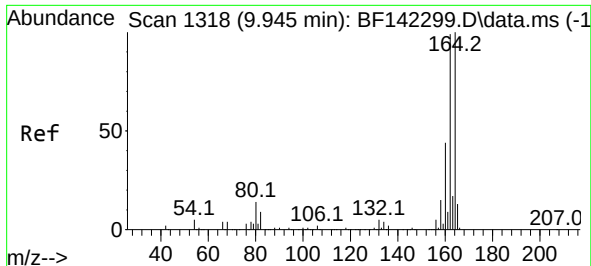


#38
1-Methylnaphthalene
Concen: 56.109 ng
RT: 9.004 min Scan# 1158
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47



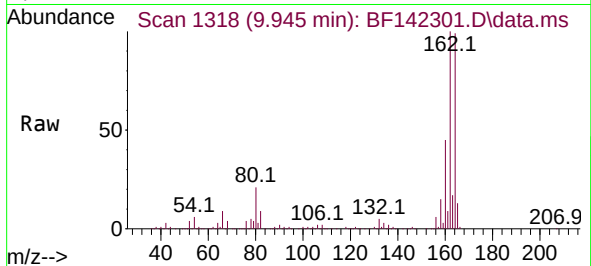
Tgt Ion:142 Resp: 1363474
Ion Ratio Lower Upper
142 100
141 91.6 72.5 108.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

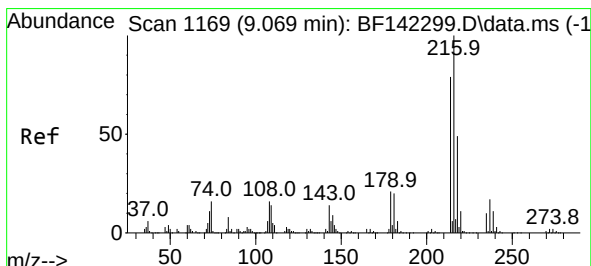
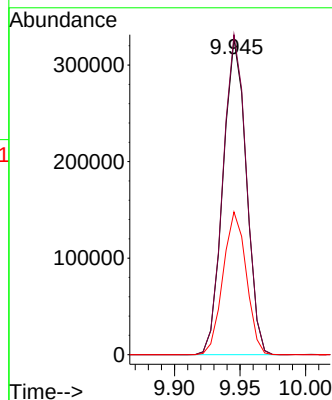
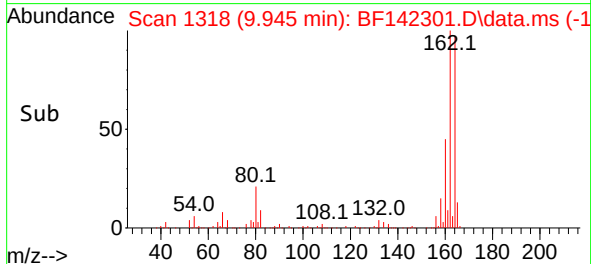
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



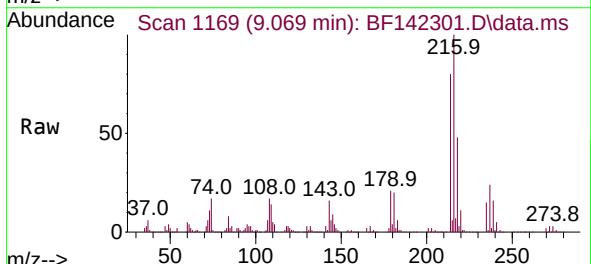
Tgt Ion:164 Resp: 403498
Ion Ratio Lower Upper
164 100
162 101.4 79.2 118.8
160 45.2 35.3 52.9

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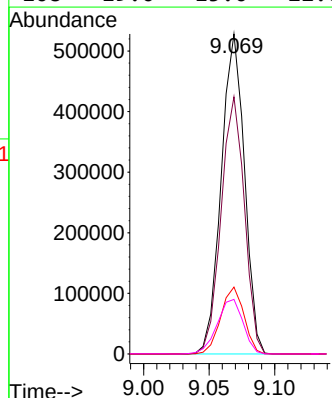
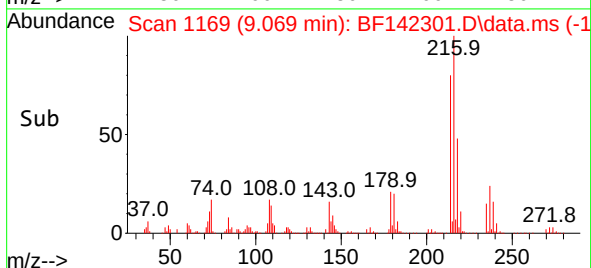
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

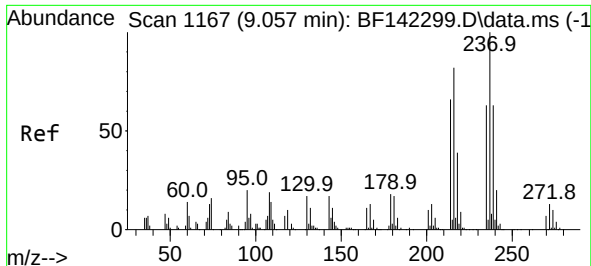


#40
1,2,4,5-Tetrachlorobenzene
Concen: 57.740 ng
RT: 9.069 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47



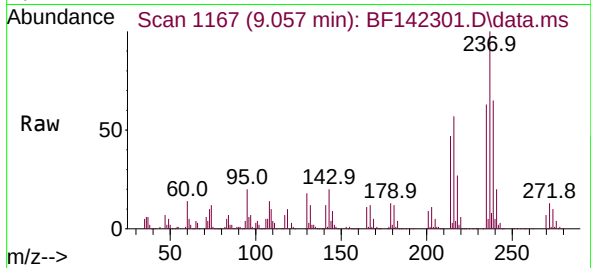
Tgt Ion:216 Resp: 650696
Ion Ratio Lower Upper
216 100
214 80.3 63.8 95.6
179 20.9 17.0 25.6
108 19.0 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 65.925 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

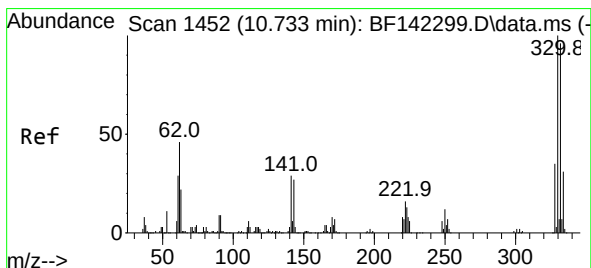
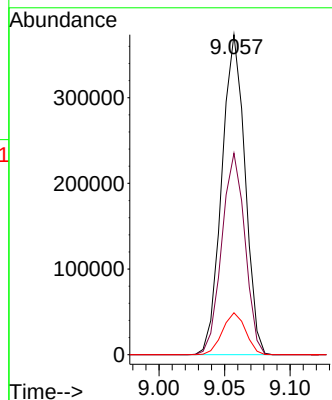
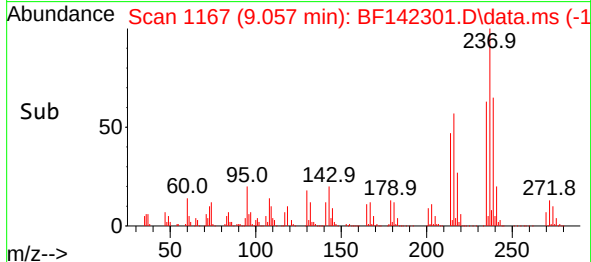
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



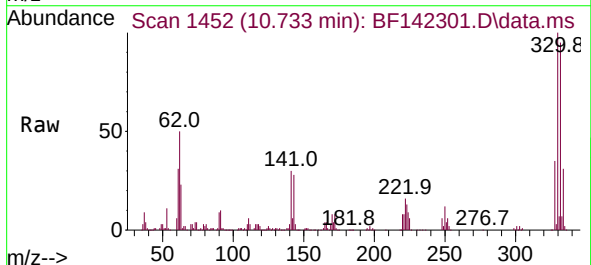
Tgt Ion:237 Resp: 45914
Ion Ratio Lower Upper
237 100
235 62.9 42.8 82.8
272 13.1 0.0 33.0

Manual Integrations
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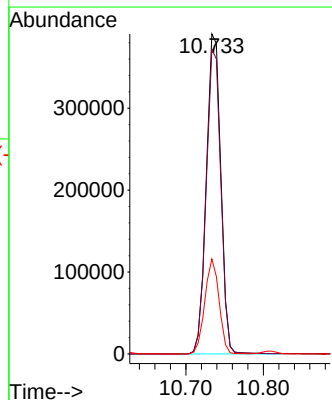
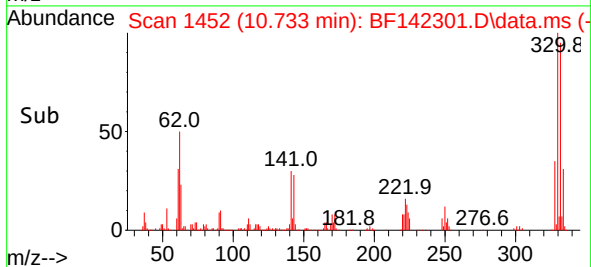
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

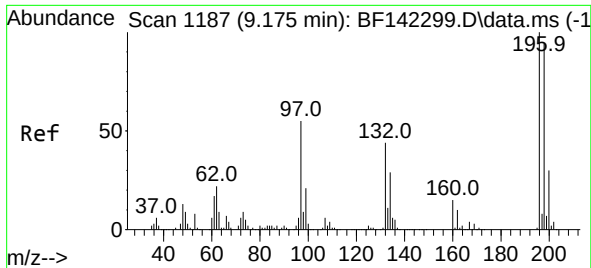


#42
2,4,6-Tribromophenol
Concen: 130.732 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47



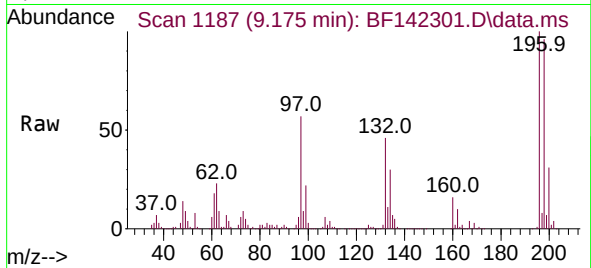
Tgt Ion:330 Resp: 509292
Ion Ratio Lower Upper
330 100
332 95.4 76.8 115.2
141 29.1 24.9 37.3





#43
2,4,6-Trichlorophenol
Concen: 63.143 ng
RT: 9.175 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

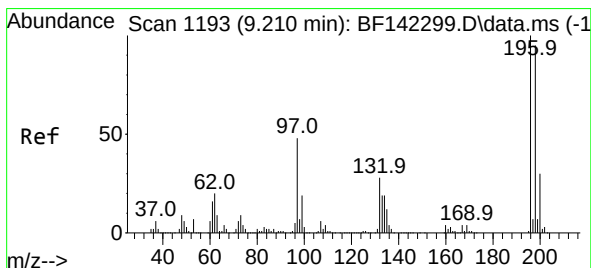
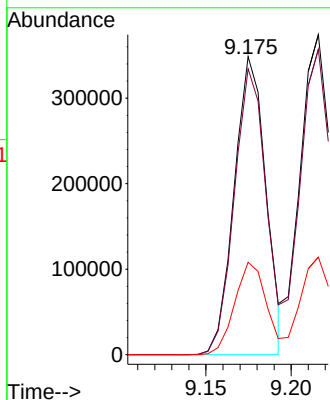
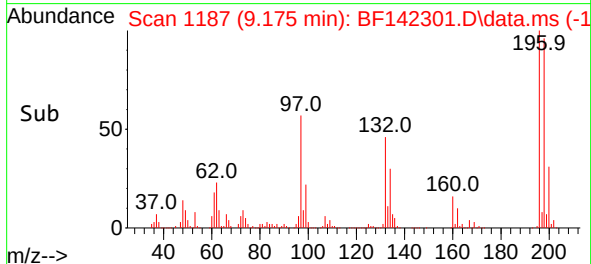
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



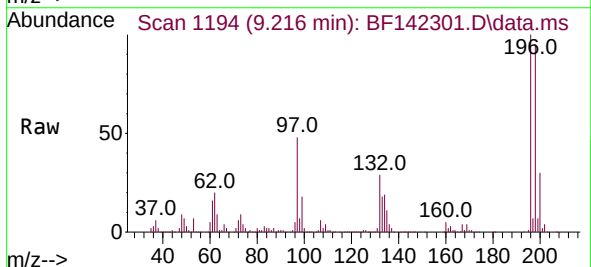
Tgt Ion:196 Resp: 44883
Ion Ratio Lower Upper
196 100
198 95.9 75.4 113.0
200 31.0 24.3 36.5

Manual Integrations
APPROVED

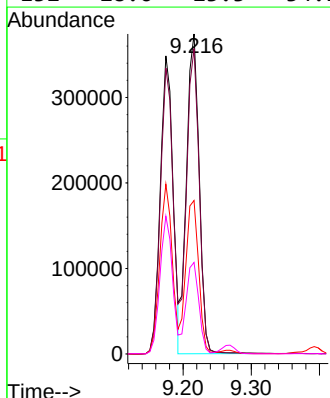
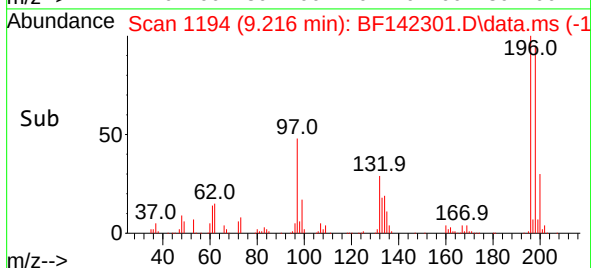
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

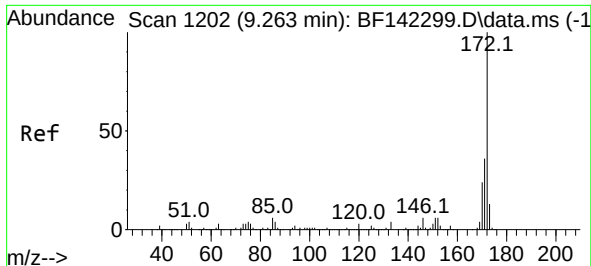


#44
2,4,5-Trichlorophenol
Concen: 63.505 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47



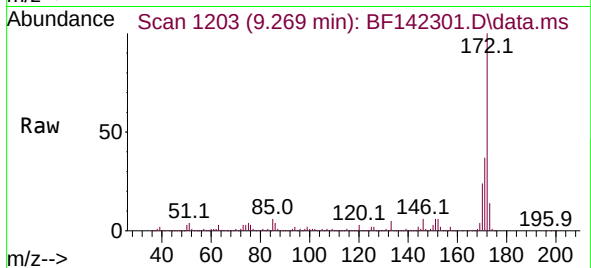
Tgt Ion:196 Resp: 480305
Ion Ratio Lower Upper
196 100
198 95.5 76.1 114.1
97 47.9 39.0 58.4
132 28.6 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 106.576 ng
RT: 9.269 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

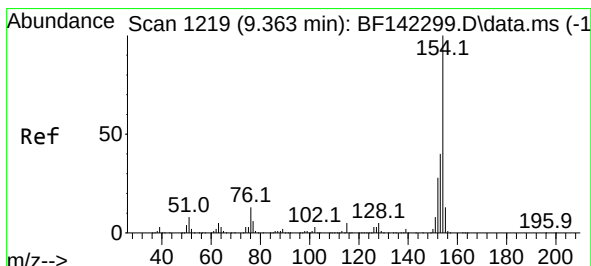
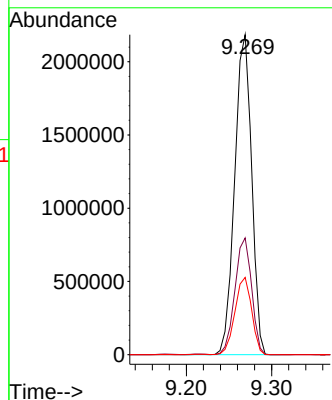
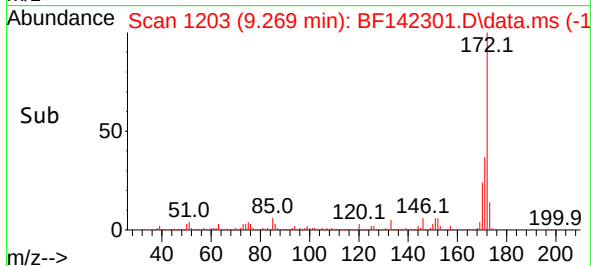
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



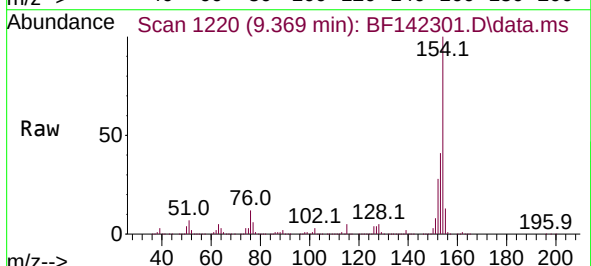
Tgt Ion:172 Resp: 301592
Ion Ratio Lower Upper
172 100
171 36.5 28.6 42.8
170 24.2 19.0 28.4

Manual Integrations
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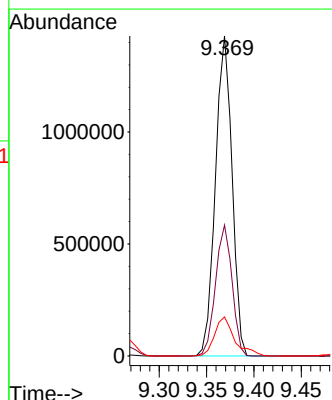
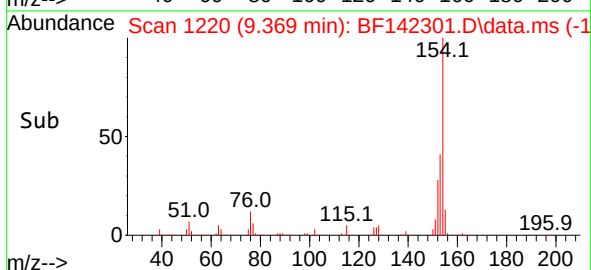
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

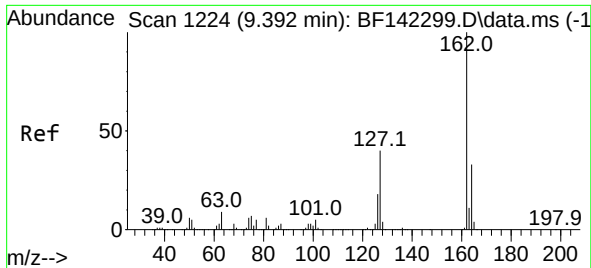


#46
1,1'-Biphenyl
Concen: 56.417 ng
RT: 9.369 min Scan# 1220
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47



Tgt Ion:154 Resp: 1745424
Ion Ratio Lower Upper
154 100
153 40.9 20.5 60.5
76 12.2 0.0 32.8





#47

2-Chloronaphthalene

Concen: 58.169 ng

RT: 9.392 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142301.D

Acq: 05 May 2025 16:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:162 Resp: 1338338

Ion Ratio Lower Upper

162 100

127 41.0 32.3 48.5

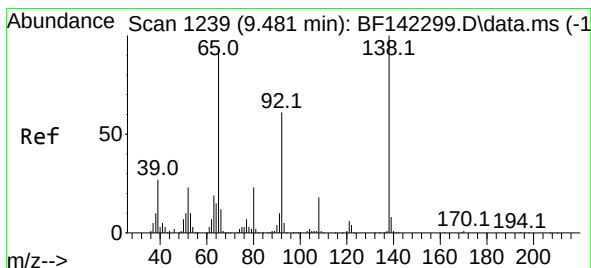
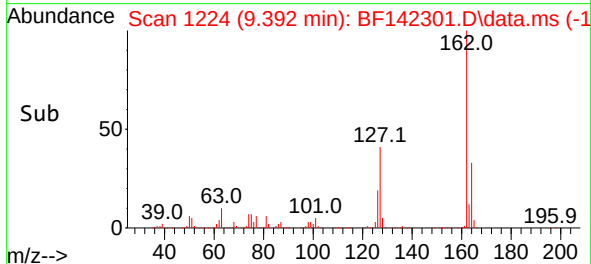
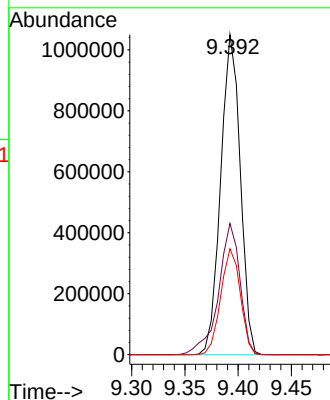
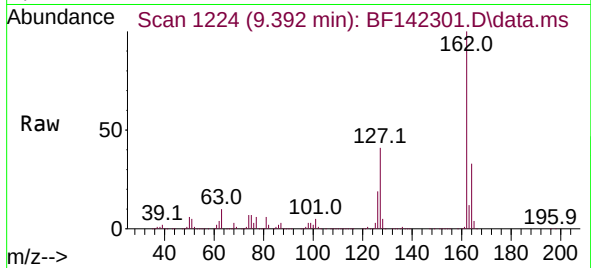
164 33.1 26.6 40.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/06/2025

Supervised By :Jagrut Upadhyay 05/06/2025



#48

2-Nitroaniline

Concen: 69.160 ng

RT: 9.486 min Scan# 1240

Delta R.T. 0.006 min

Lab File: BF142301.D

Acq: 05 May 2025 16:47

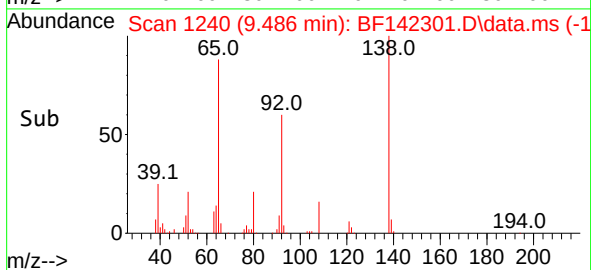
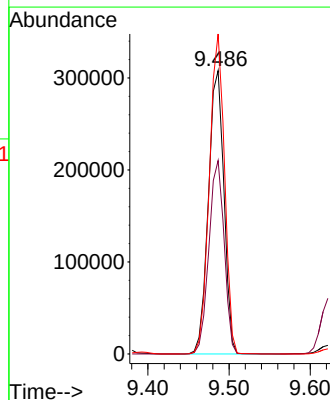
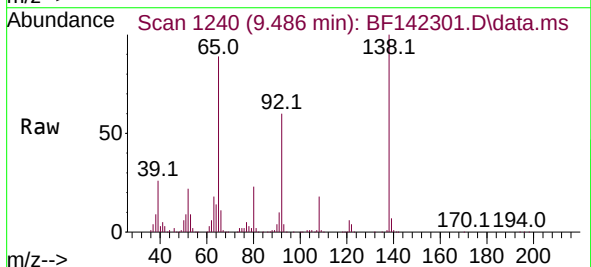
Tgt Ion: 65 Resp: 407862

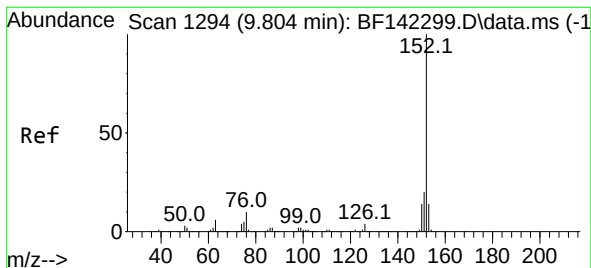
Ion Ratio Lower Upper

65 100

92 68.3 52.3 78.5

138 112.9 85.6 128.4





#49

Acenaphthylene

Concen: 57.569 ng

RT: 9.810 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF142301.D

Acq: 05 May 2025 16:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:152 Resp: 2215774

Ion Ratio Lower Upper

152 100

151 20.4 16.0 24.0

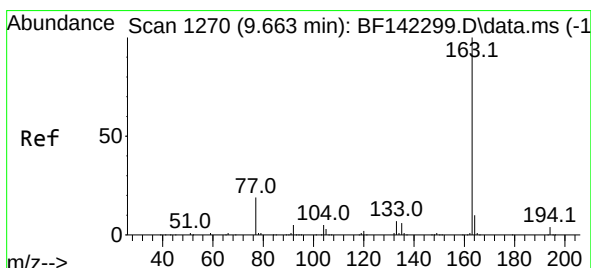
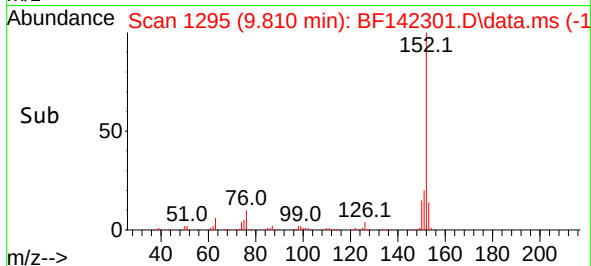
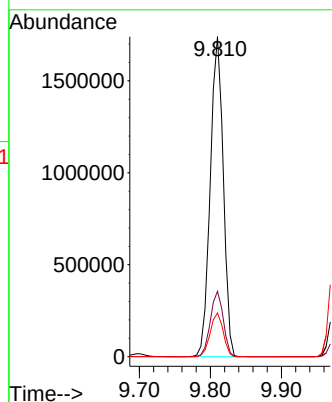
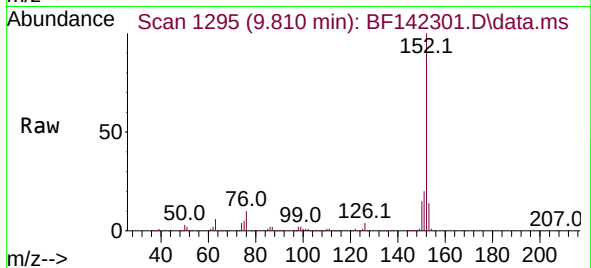
153 13.6 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/06/2025

Supervised By :Jagrut Upadhyay 05/06/2025



#50

Dimethylphthalate

Concen: 59.587 ng

RT: 9.669 min Scan# 1271

Delta R.T. 0.006 min

Lab File: BF142301.D

Acq: 05 May 2025 16:47

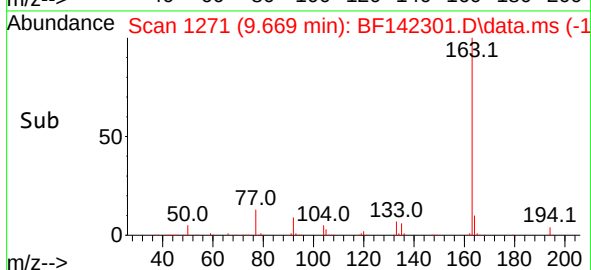
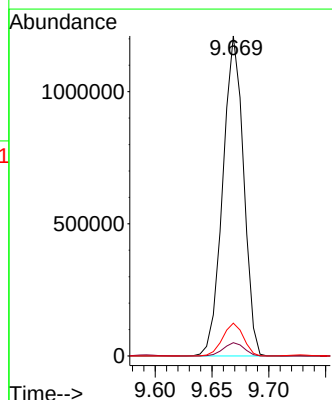
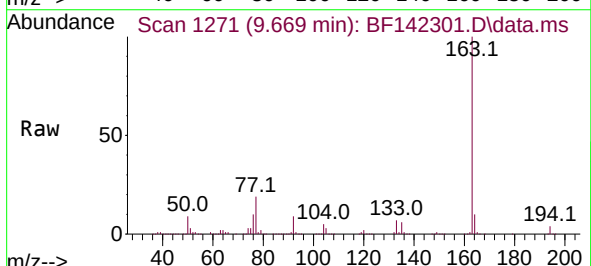
Tgt Ion:163 Resp: 1543896

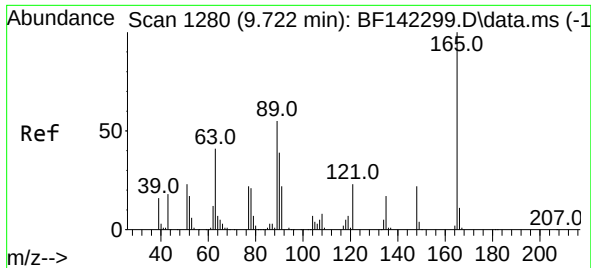
Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

164 10.2 8.3 12.5





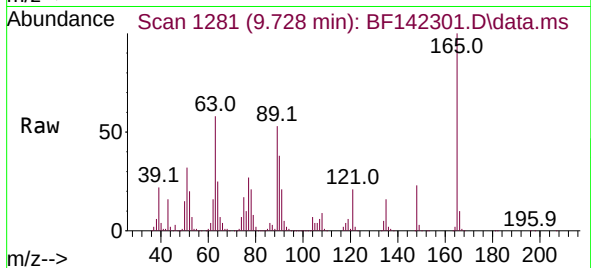
#51
2,6-Dinitrotoluene
Concen: 68.237 ng
RT: 9.728 min Scan# 1280
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



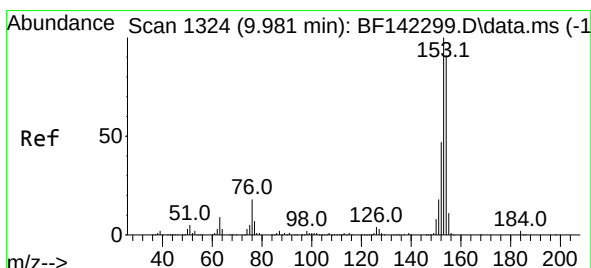
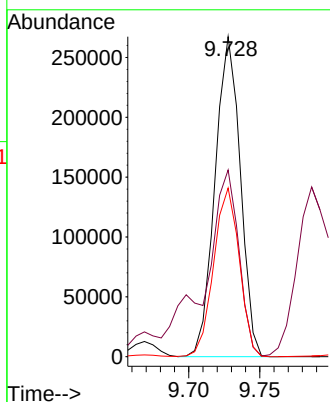
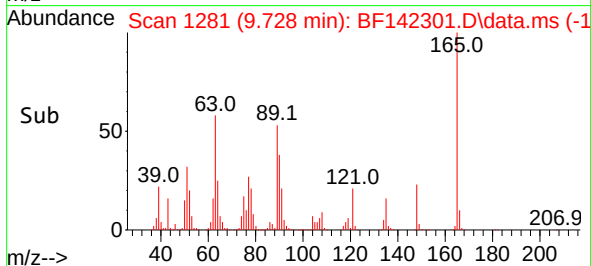
Tgt Ion:165 Resp: 330939
Ion Ratio Lower Upper
165 100
63 58.4 49.5 74.3
89 52.7 44.6 66.8

Manual Integrations

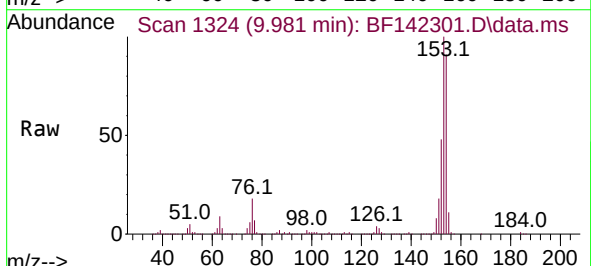
APPROVED

Reviewed By :Rahul Chavli 05/06/2025

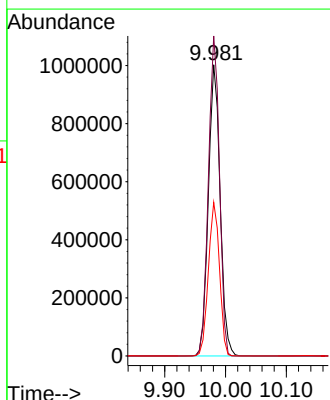
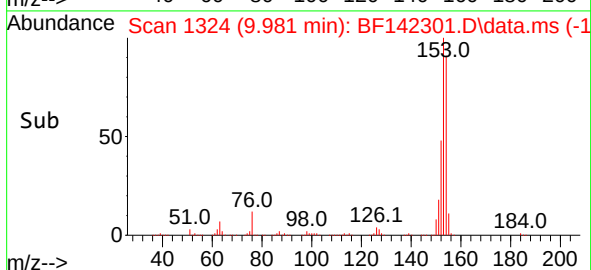
Supervised By :Jagrut Upadhyay 05/06/2025

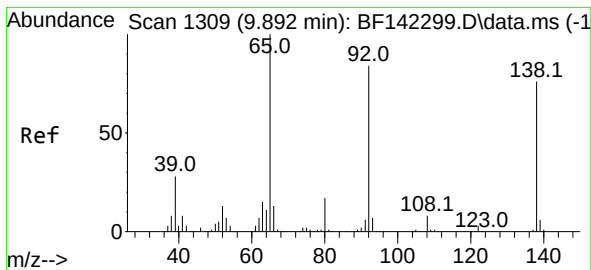


#52
Acenaphthene
Concen: 58.133 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47



Tgt Ion:154 Resp: 1345347
Ion Ratio Lower Upper
154 100
153 109.9 88.0 132.0
152 52.7 41.6 62.4





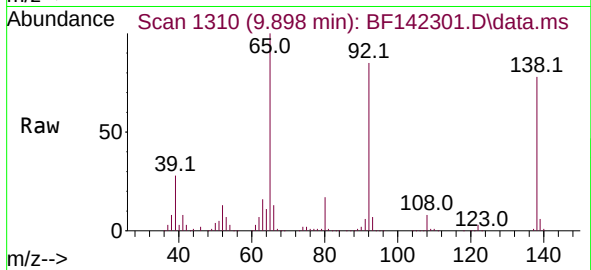
#53
3-Nitroaniline
Concen: 67.787 ng
RT: 9.898 min Scan# 1310
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



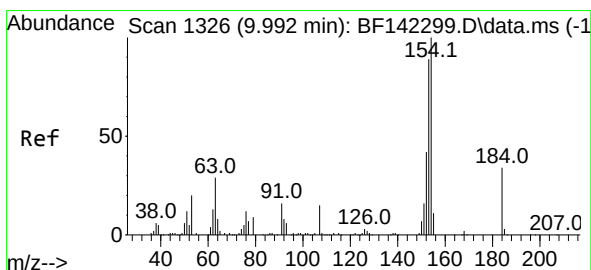
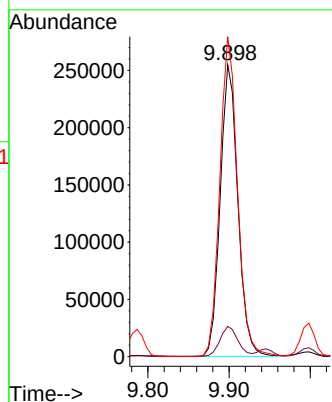
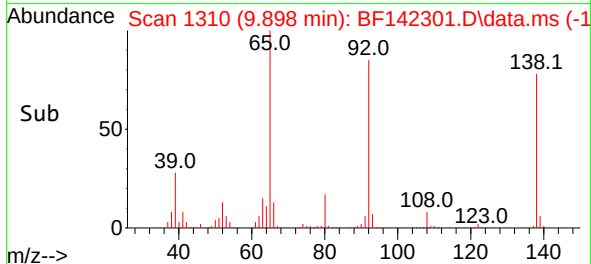
Tgt Ion:138 Resp: 385568
Ion Ratio Lower Upper
138 100
108 10.4 8.7 13.1
92 109.6 89.5 134.3

Manual Integrations

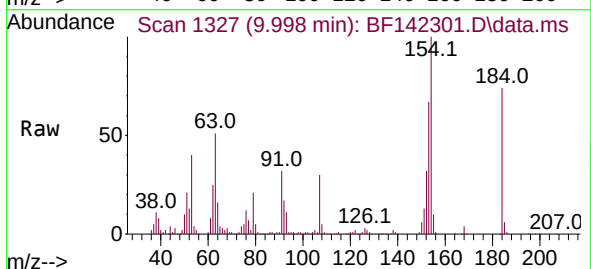
APPROVED

Reviewed By :Rahul Chavli 05/06/2025

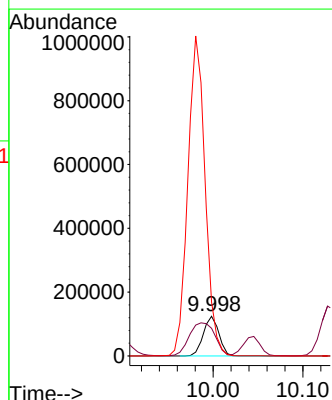
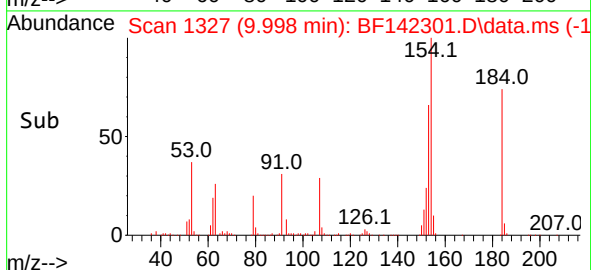
Supervised By :Jagrut Upadhyay 05/06/2025

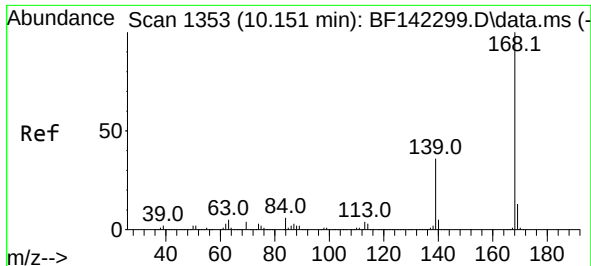


#54
2,4-Dinitrophenol
Concen: 61.014 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47



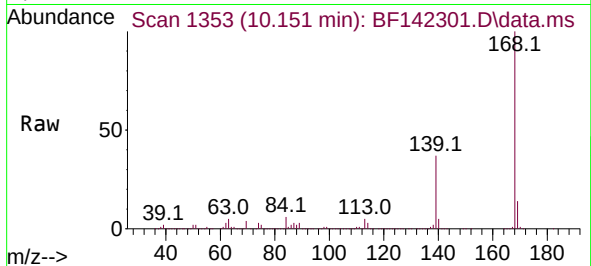
Tgt Ion:184 Resp: 149707
Ion Ratio Lower Upper
184 100
63 69.6 70.6 105.8#
154 135.7 257.2 385.8#





#55
Dibenzenofuran
Concen: 57.013 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

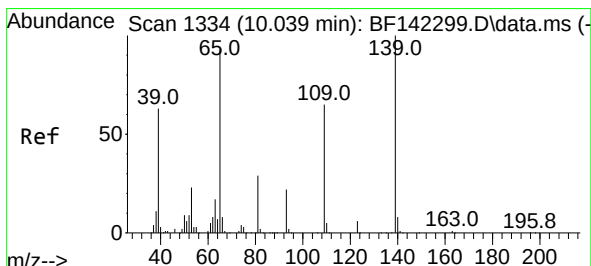
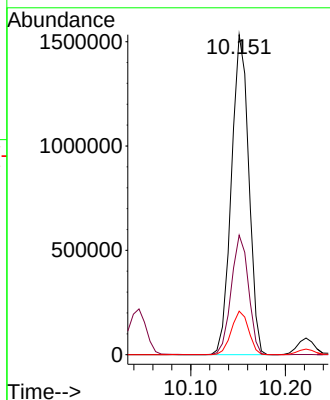
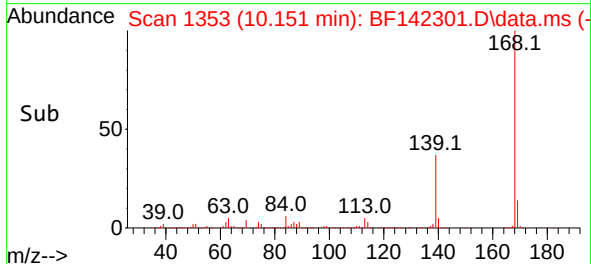
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



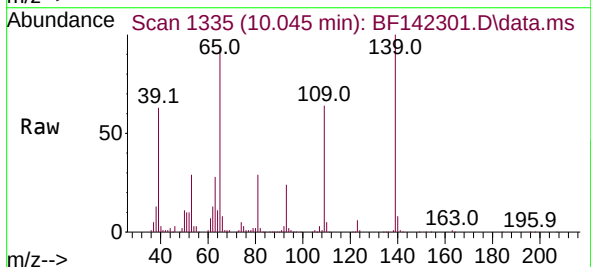
Tgt Ion:168 Resp: 194724
Ion Ratio Lower Upper
168 100
139 37.3 29.0 43.4
169 13.6 10.7 16.1

Manual Integrations
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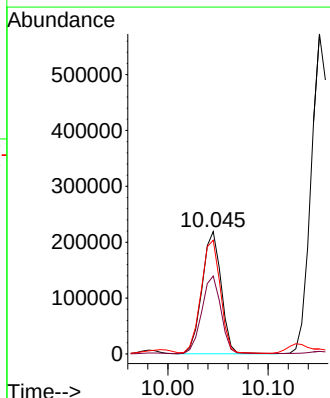
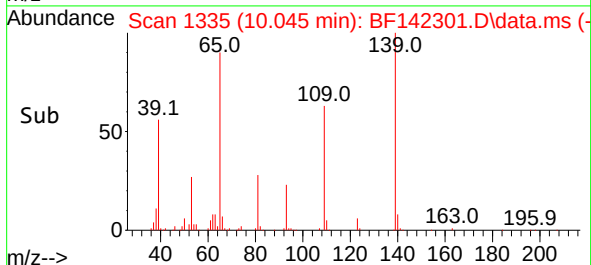
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

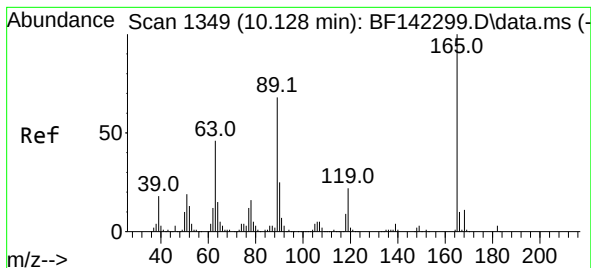


#56
4-Nitrophenol
Concen: 67.801 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47



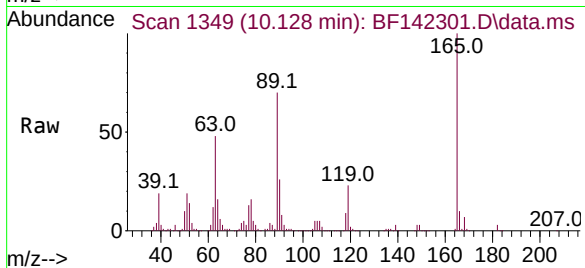
Tgt Ion:139 Resp: 290245
Ion Ratio Lower Upper
139 100
109 63.7 45.3 85.3
65 93.0 73.9 113.9





#57
2,4-Dinitrotoluene
Concen: 69.171 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

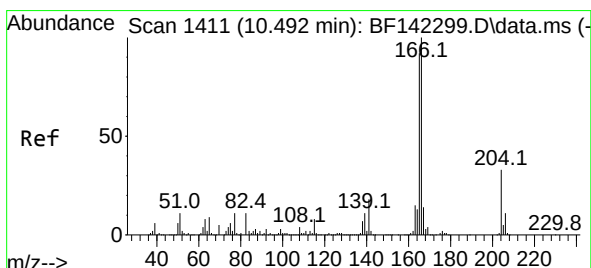
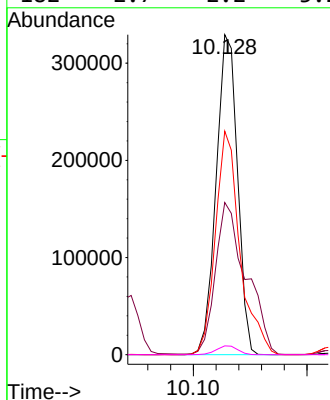
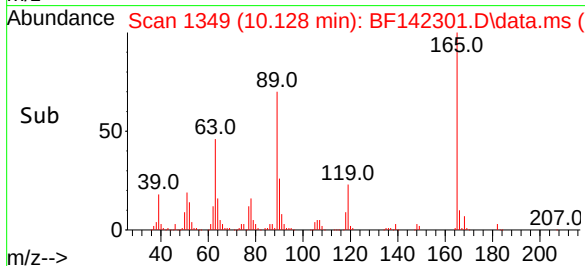
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



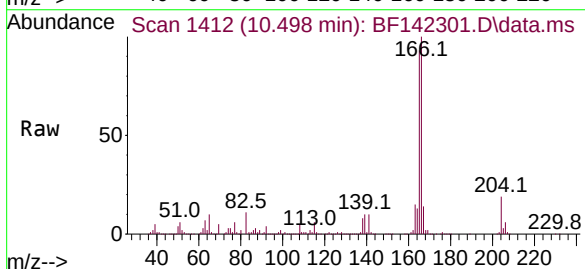
Tgt Ion:165 Resp: 43031
Ion Ratio Lower Upper
165 100
63 47.6 37.1 55.7
89 69.8 54.4 81.6
182 2.7 2.2 3.2

Manual Integrations
APPROVED

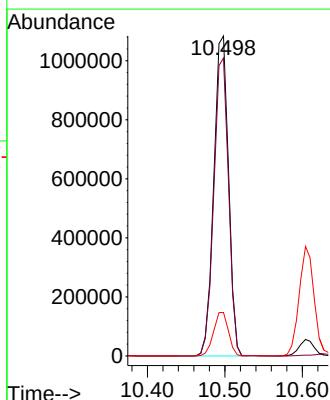
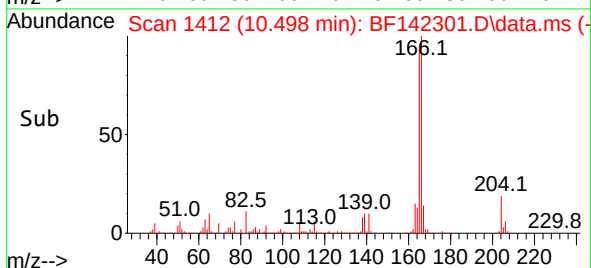
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

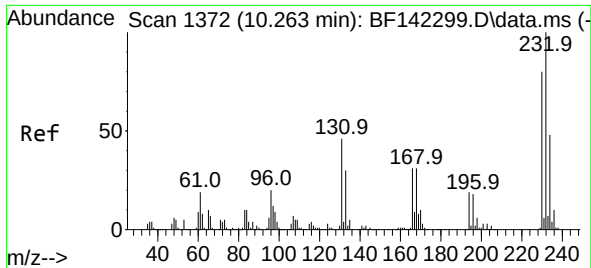


#58
Fluorene
Concen: 54.944 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47



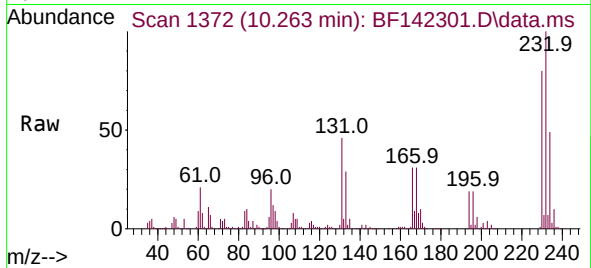
Tgt Ion:166 Resp: 1432119
Ion Ratio Lower Upper
166 100
165 93.1 74.0 111.0
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 63.842 ng
RT: 10.263 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

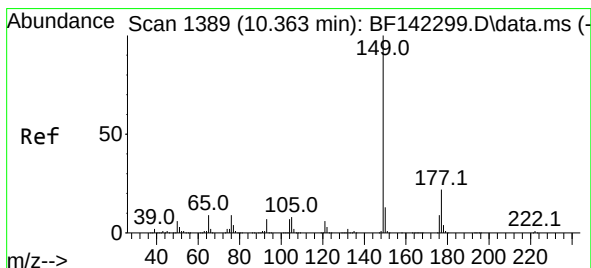
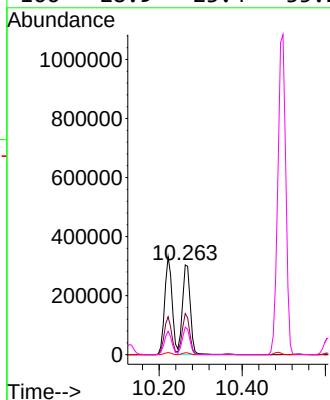
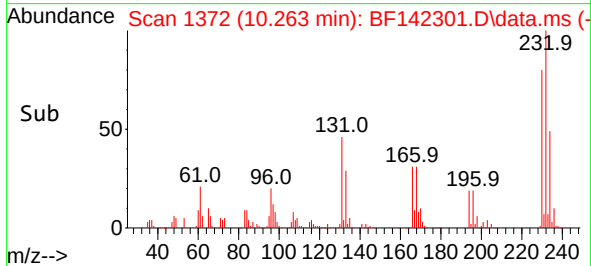
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



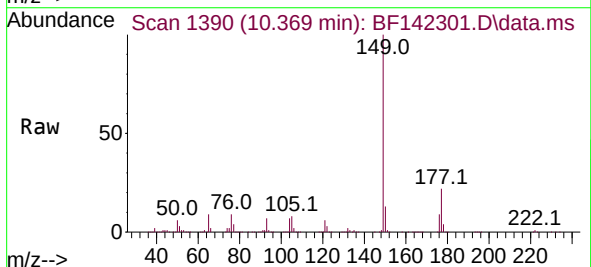
Tgt Ion:232 Resp: 39860
Ion Ratio Lower Upper
232 100
131 43.2 36.0 54.0
130 2.0 1.8 2.6
166 28.9 23.4 35.2

Manual Integrations
APPROVED

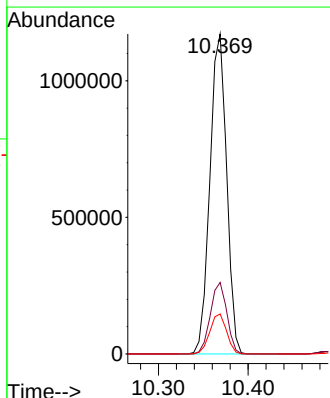
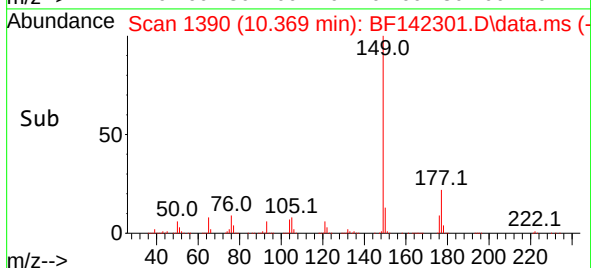
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

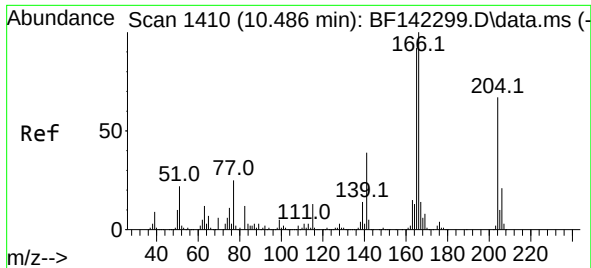


#60
Diethylphthalate
Concen: 58.568 ng
RT: 10.369 min Scan# 1390
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47



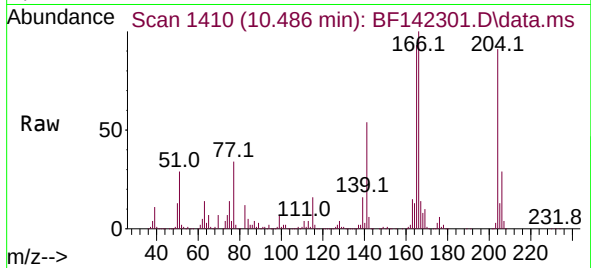
Tgt Ion:149 Resp: 1515452
Ion Ratio Lower Upper
149 100
177 22.4 17.6 26.4
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 56.782 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

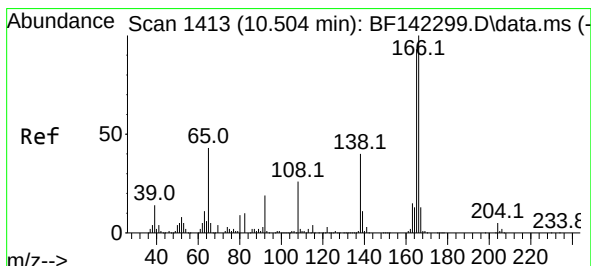
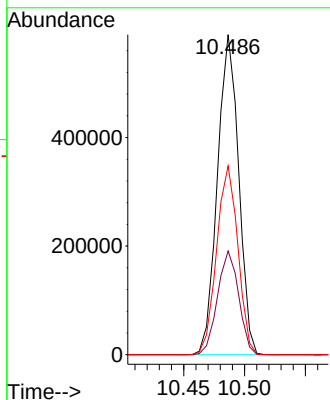
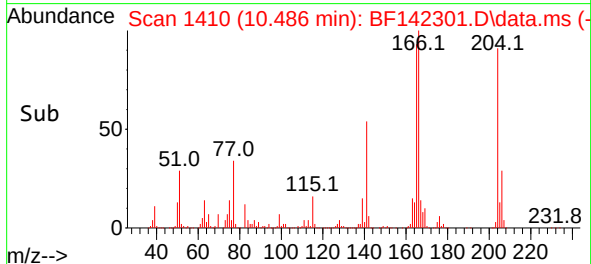
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



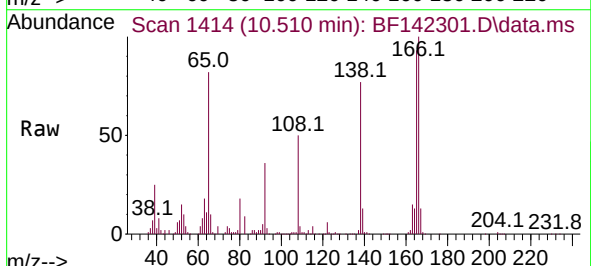
Tgt Ion:204 Resp: 71404
Ion Ratio Lower Upper
204 100
206 32.4 25.5 38.3
141 59.0 46.4 69.6

Manual Integrations
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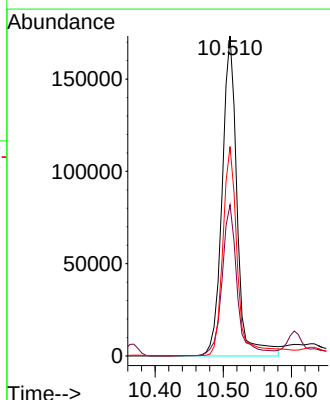
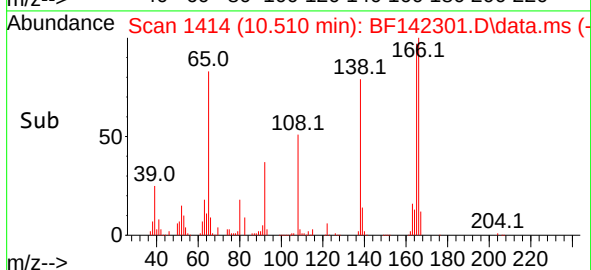
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

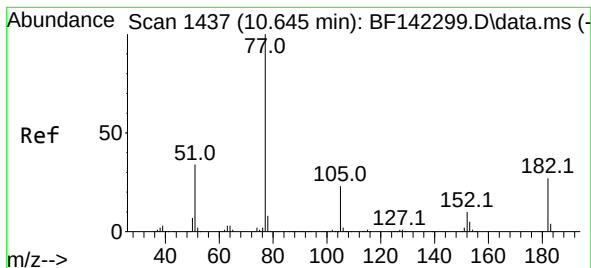


#62
4-Nitroaniline
Concen: 58.823 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47



Tgt Ion:138 Resp: 265178
Ion Ratio Lower Upper
138 100
92 47.3 27.3 67.3
108 65.4 45.1 85.1





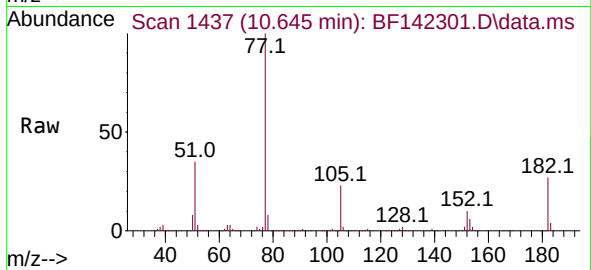
#63
Azobenzene
Concen: 58.009 ng
RT: 10.645 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



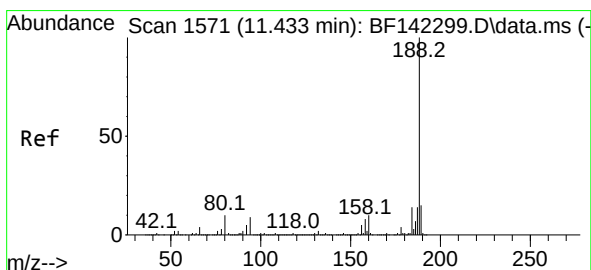
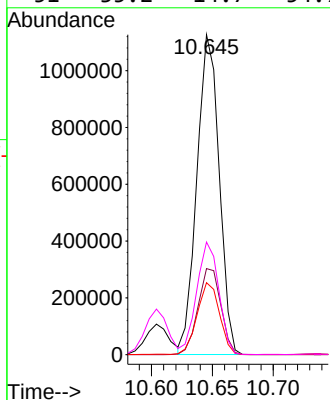
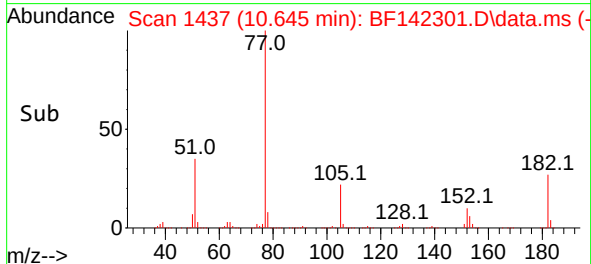
Tgt Ion: 77 Resp: 143429
Ion Ratio Lower Upper
77 100
182 26.9 6.9 46.9
105 22.5 2.7 42.7
51 35.2 14.7 54.7

Manual Integrations

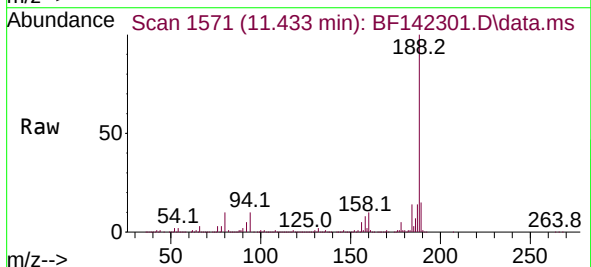
APPROVED

Reviewed By :Rahul Chavli 05/06/2025

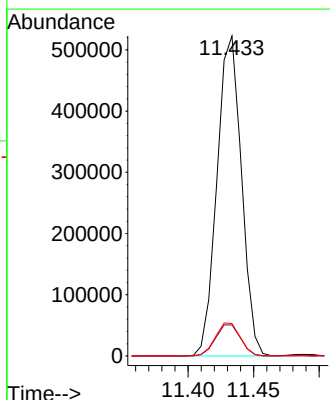
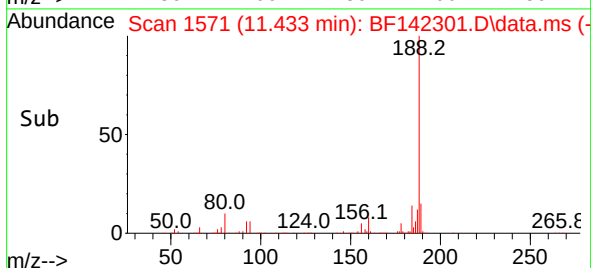
Supervised By :Jagrut Upadhyay 05/06/2025

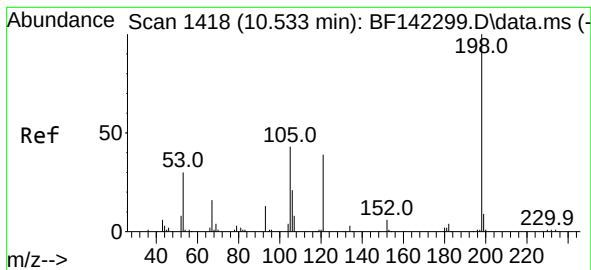


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47



Tgt Ion:188 Resp: 678705
Ion Ratio Lower Upper
188 100
94 9.7 7.5 11.3
80 10.1 7.9 11.9





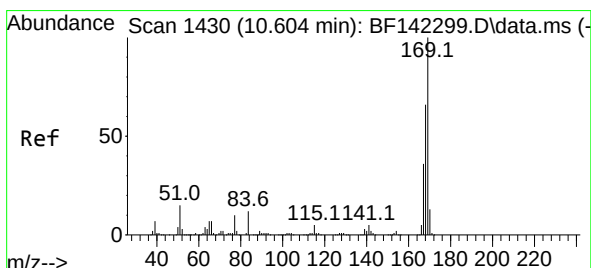
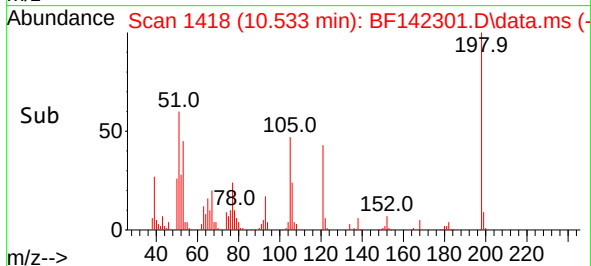
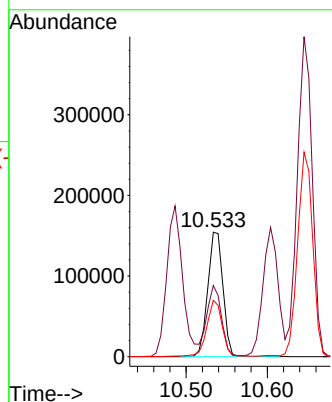
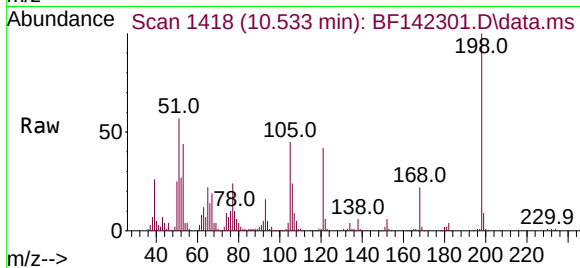
#65
4,6-Dinitro-2-methylphenol
Concen: 60.816 ng
RT: 10.533 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 199540
Ion Ratio Lower Upper
198 100
51 57.2 32.9 72.9
105 45.3 23.7 63.7

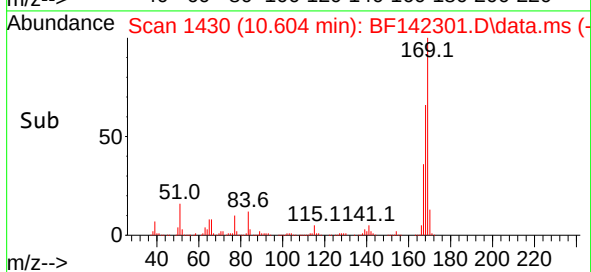
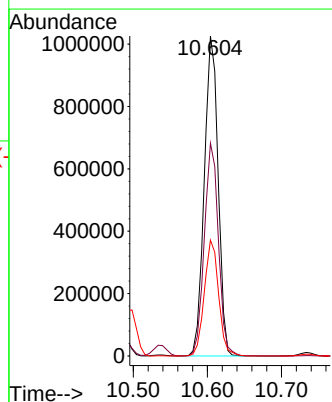
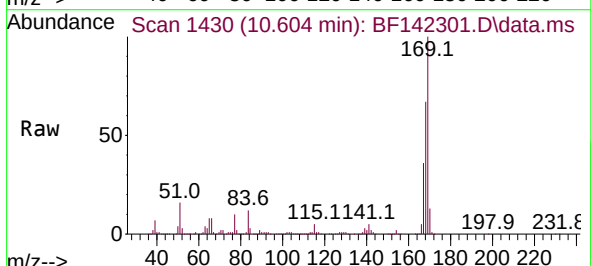
Manual Integrations
APPROVED

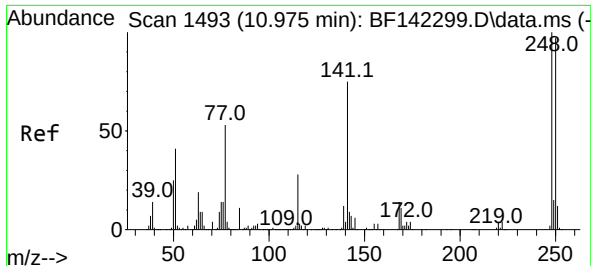
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025



#66
n-Nitrosodiphenylamine
Concen: 58.927 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:169 Resp: 1330840
Ion Ratio Lower Upper
169 100
168 66.5 53.2 79.8
167 36.2 28.9 43.3





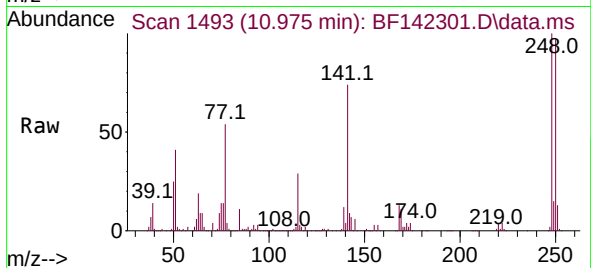
#67
4-Bromophenyl-phenylether
Concen: 60.048 ng
RT: 10.975 min Scan# 1493
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

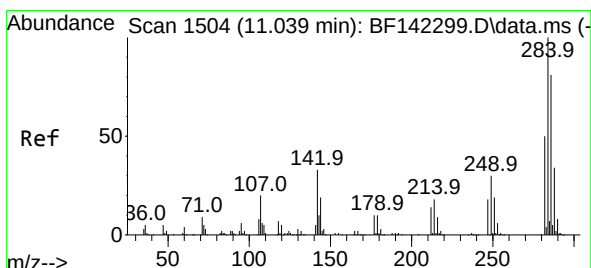
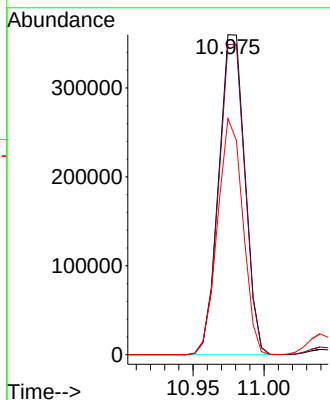
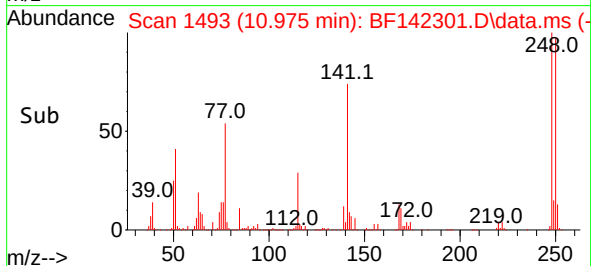


Tgt Ion:248 Resp: 461892
Ion Ratio Lower Upper
248 100
250 96.9 77.9 116.9
141 73.8 59.8 89.8

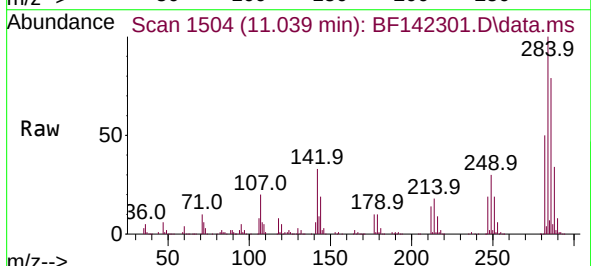
Manual Integrations

APPROVED

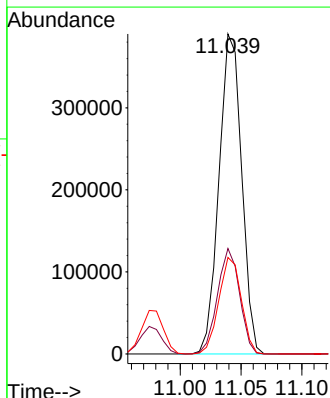
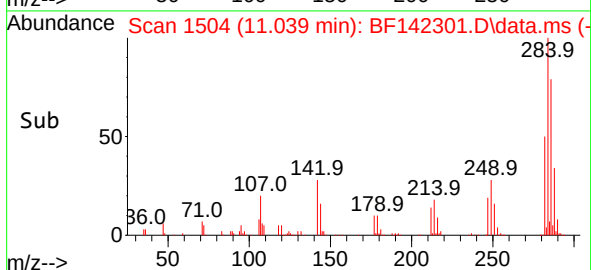
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

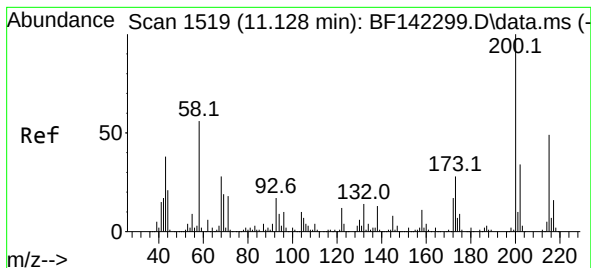


#68
Hexachlorobenzene
Concen: 59.625 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47



Tgt Ion:284 Resp: 504486
Ion Ratio Lower Upper
284 100
142 33.0 26.6 39.8
249 30.2 24.1 36.1





#69

Atrazine

Concen: 63.169 ng

RT: 11.128 min Scan# 1519

Delta R.T. -0.000 min

Lab File: BF142301.D

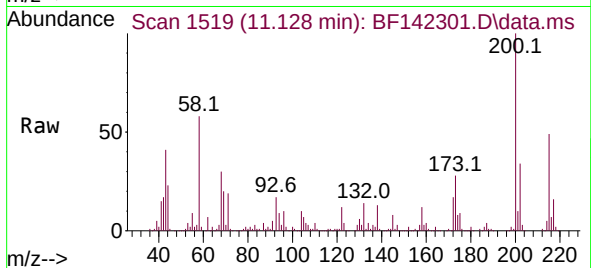
Acq: 05 May 2025 16:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:200 Resp: 37607

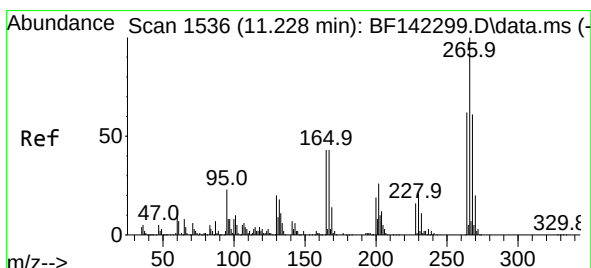
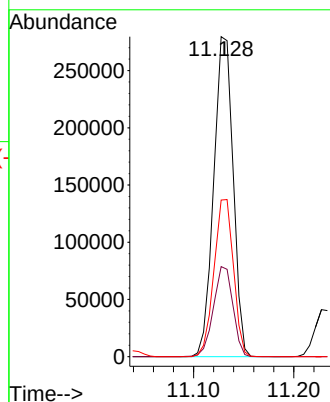
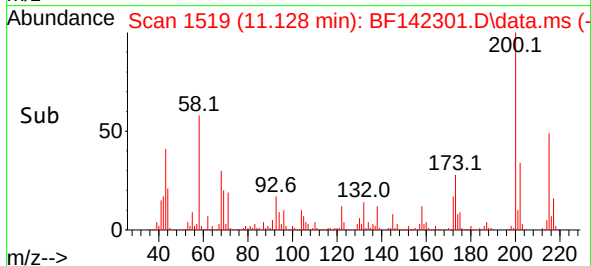
Ion	Ratio	Lower	Upper
200	100		
173	28.2	8.1	48.1
215	48.9	28.8	68.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/06/2025

Supervised By :Jagrut Upadhyay 05/06/2025



#70

Pentachlorophenol

Concen: 68.419 ng

RT: 11.233 min Scan# 1537

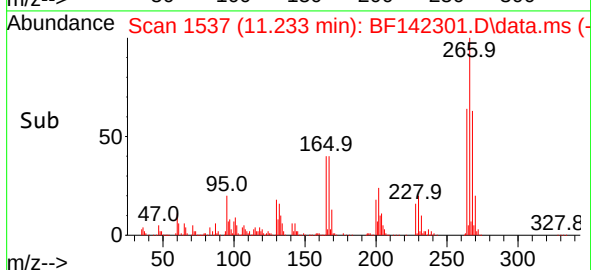
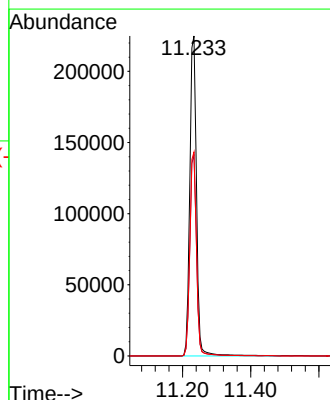
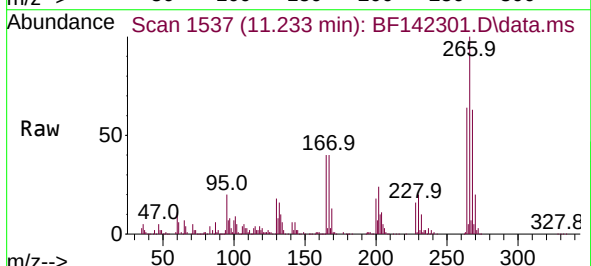
Delta R.T. 0.006 min

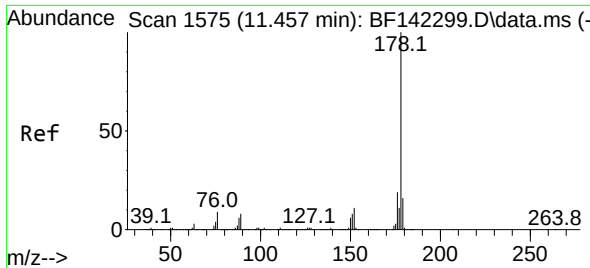
Lab File: BF142301.D

Acq: 05 May 2025 16:47

Tgt Ion:266 Resp: 304541

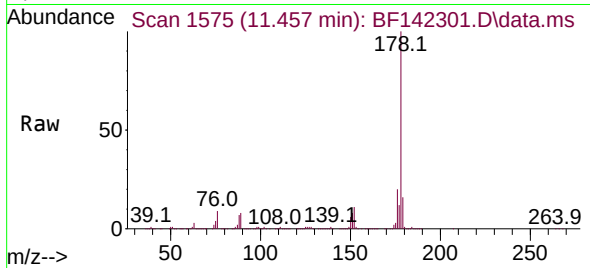
Ion	Ratio	Lower	Upper
266	100		
268	63.0	48.7	73.1
264	63.7	49.8	74.6





#71
Phenanthrene
Concen: 56.475 ng
RT: 11.457 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

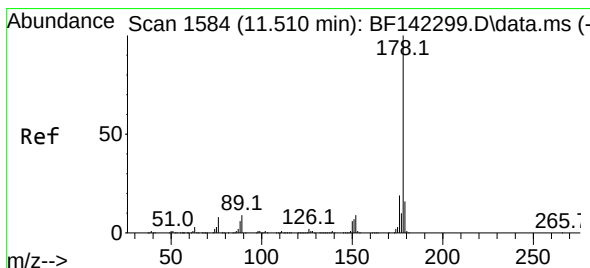
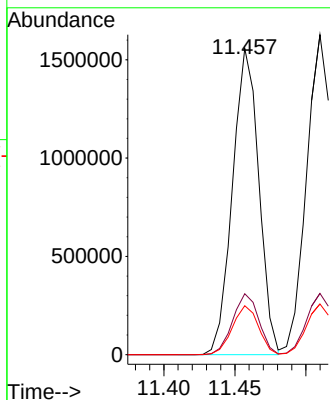
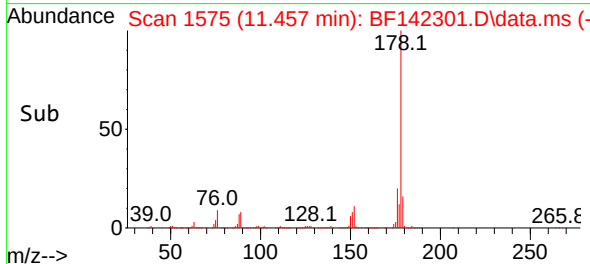
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:178 Resp: 2009150
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 16.0 12.6 18.8

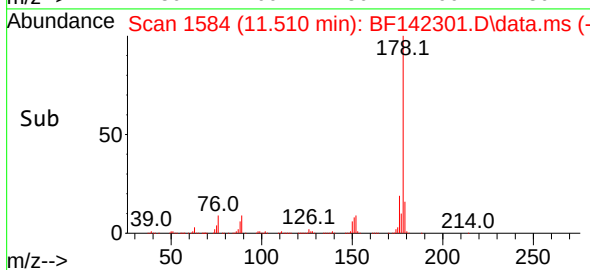
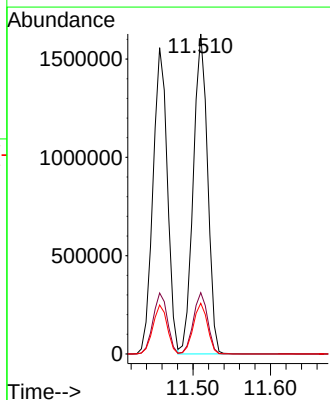
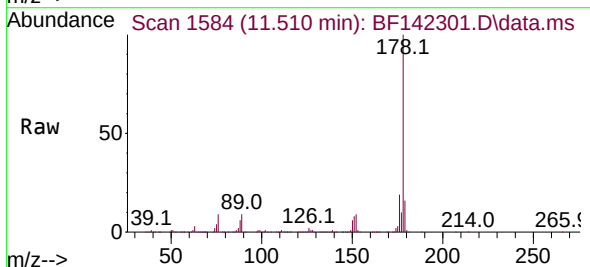
Manual Integrations
APPROVED

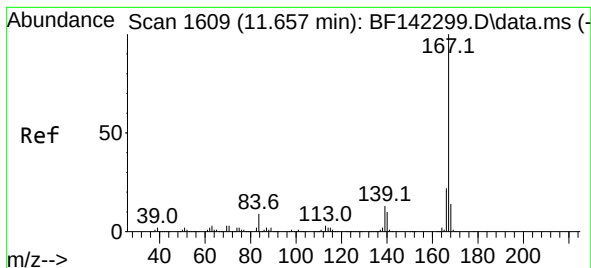
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025



#72
Anthracene
Concen: 56.980 ng
RT: 11.510 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:178 Resp: 2082880
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.9 12.6 18.8





#73

Carbazole

Concen: 56.538 ng

RT: 11.663 min Scan# 1610

Delta R.T. 0.006 min

Lab File: BF142301.D

Acq: 05 May 2025 16:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:167 Resp: 185418

Ion Ratio Lower Upper

167 100

166 21.7 17.2 25.8

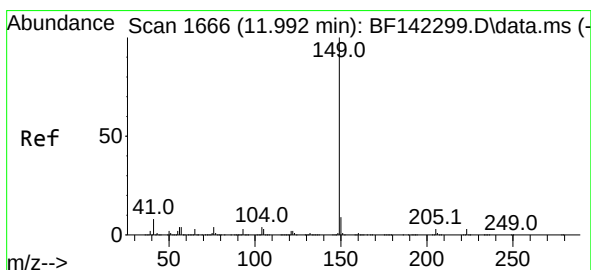
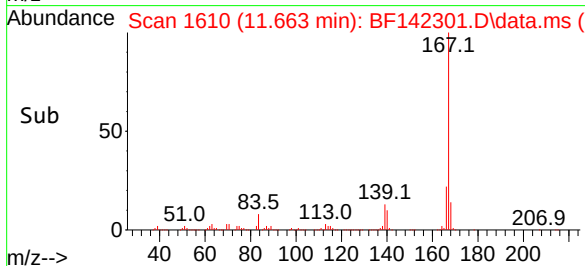
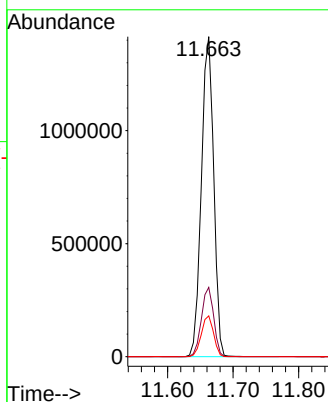
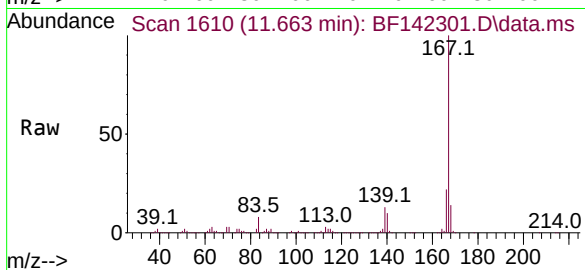
139 12.8 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/06/2025

Supervised By :Jagrut Upadhyay 05/06/2025



#74

Di-n-butylphthalate

Concen: 60.137 ng

RT: 11.992 min Scan# 1666

Delta R.T. -0.000 min

Lab File: BF142301.D

Acq: 05 May 2025 16:47

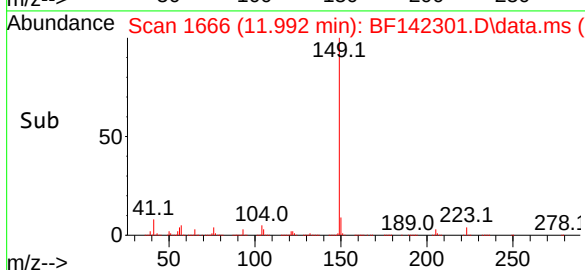
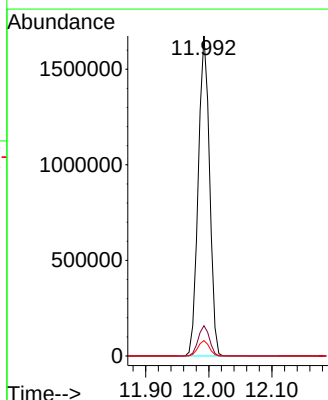
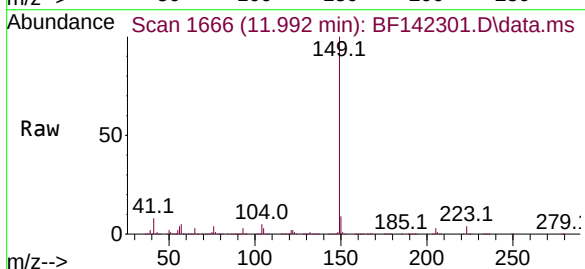
Tgt Ion:149 Resp: 2073826

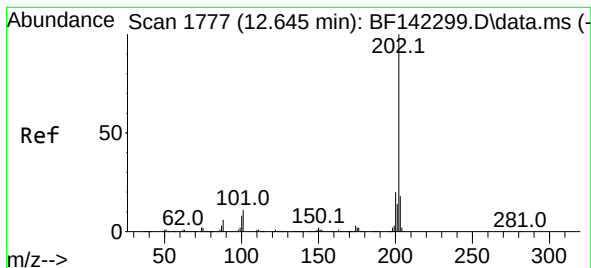
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 4.8 3.6 5.4





#75

Fluoranthene

Concen: 54.742 ng

RT: 12.645 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142301.D

Acq: 05 May 2025 16:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:202 Resp: 194677

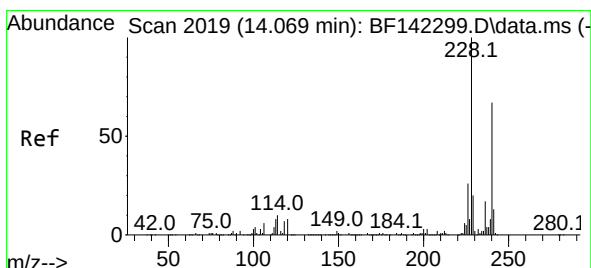
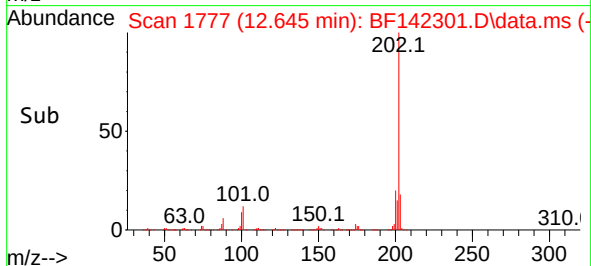
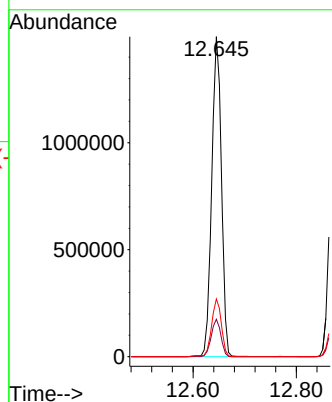
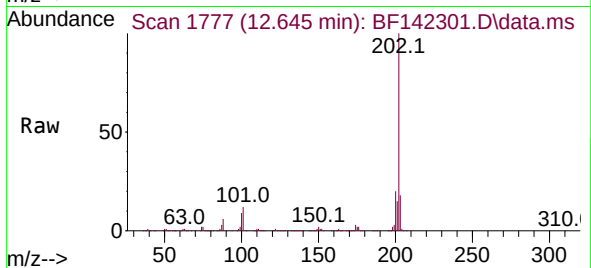
Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.4
203	18.0	0.0	37.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/06/2025

Supervised By :Jagrut Upadhyay 05/06/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.074 min Scan# 2020

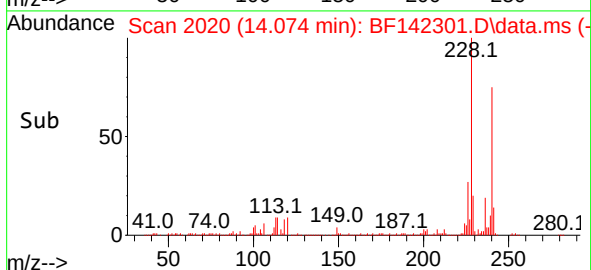
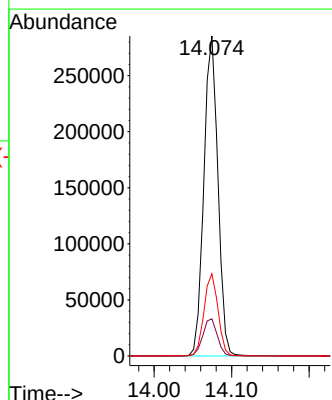
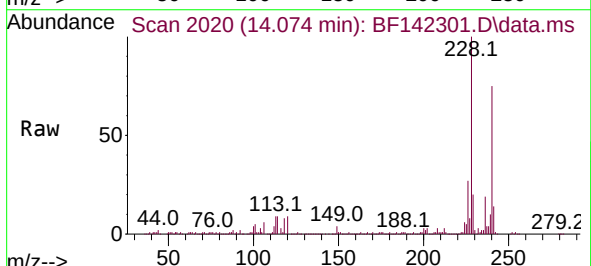
Delta R.T. 0.006 min

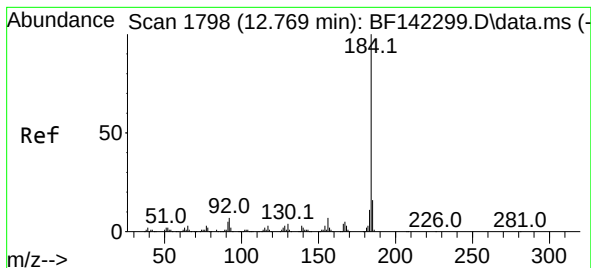
Lab File: BF142301.D

Acq: 05 May 2025 16:47

Tgt Ion:240 Resp: 358642

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.7	14.5
236	25.7	20.0	30.0





#77

Benzidine

Concen: 66.599 ng

RT: 12.769 min Scan# 1798

Delta R.T. -0.000 min

Lab File: BF142301.D

Acq: 05 May 2025 16:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:184 Resp: 43406

Ion Ratio Lower Upper

184 100

185 15.7 12.6 18.8

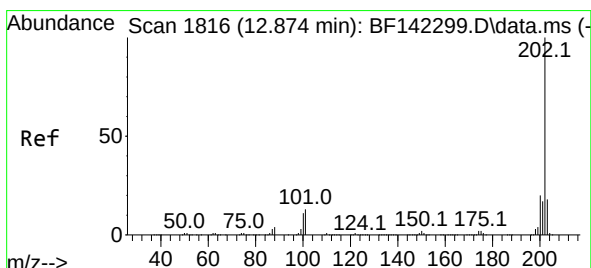
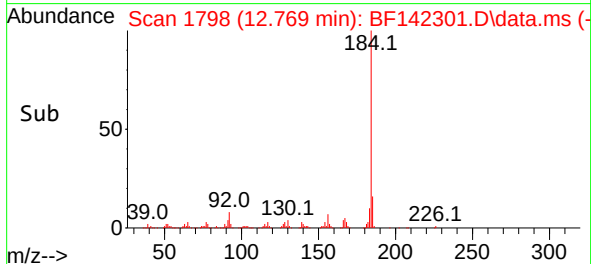
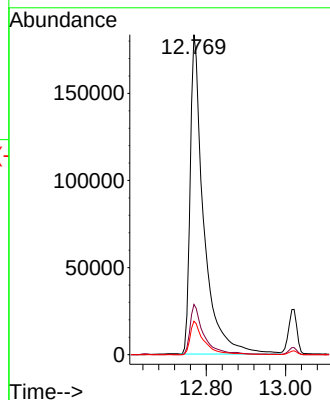
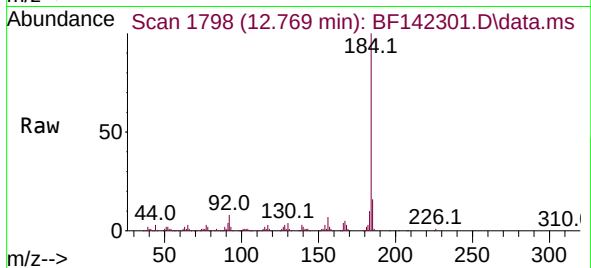
183 10.5 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/06/2025

Supervised By :Jagrut Upadhyay 05/06/2025



#78

Pyrene

Concen: 61.239 ng

RT: 12.874 min Scan# 1816

Delta R.T. -0.000 min

Lab File: BF142301.D

Acq: 05 May 2025 16:47

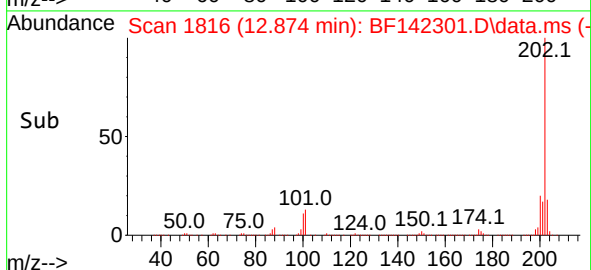
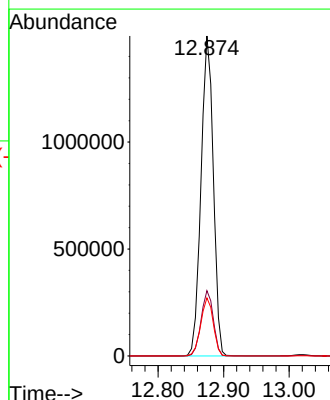
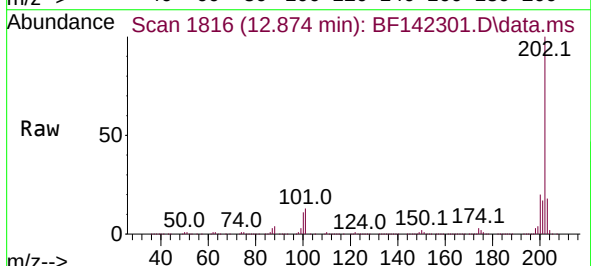
Tgt Ion:202 Resp: 1954922

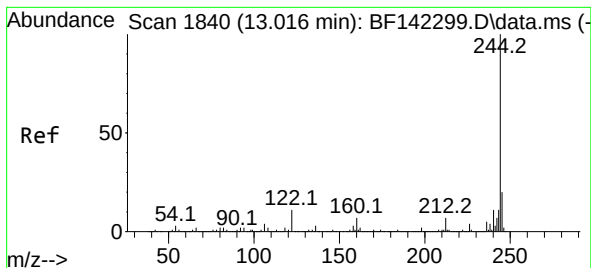
Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.4

203 18.2 14.3 21.5





#79

Terphenyl-d14

Concen: 116.709 ng

RT: 13.022 min Scan# 1840

Delta R.T. 0.006 min

Lab File: BF142301.D

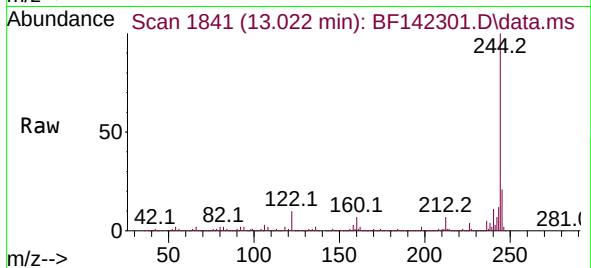
Acq: 05 May 2025 16:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:244 Resp: 282794

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

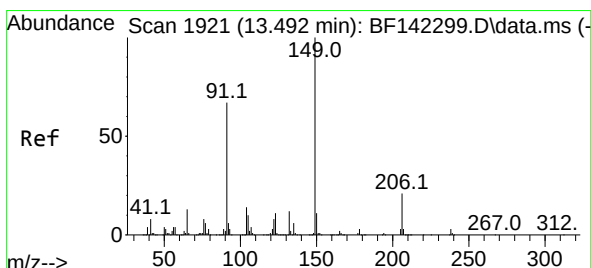
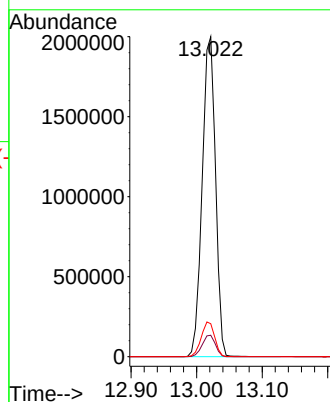
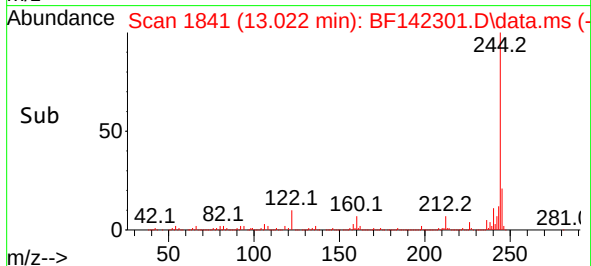
122 10.3 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/06/2025

Supervised By :Jagrut Upadhyay 05/06/2025



#80

Butylbenzylphthalate

Concen: 62.274 ng

RT: 13.492 min Scan# 1921

Delta R.T. 0.000 min

Lab File: BF142301.D

Acq: 05 May 2025 16:47

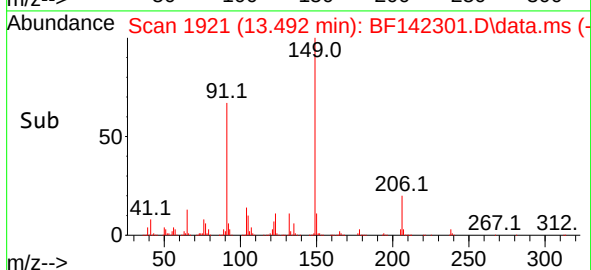
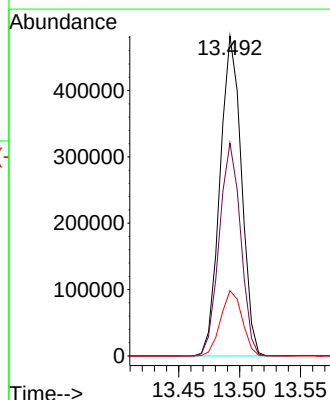
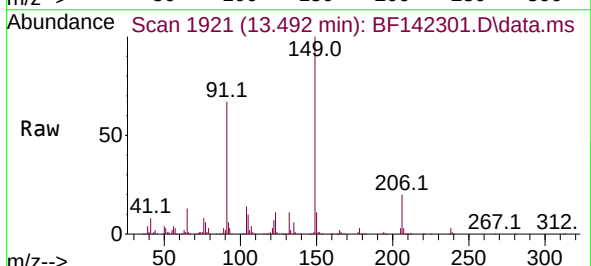
Tgt Ion:149 Resp: 591132

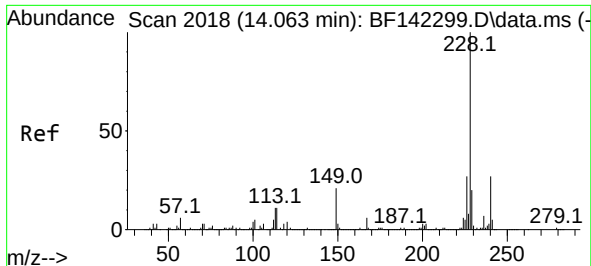
Ion Ratio Lower Upper

149 100

91 66.6 53.8 80.6

206 20.4 16.6 24.8





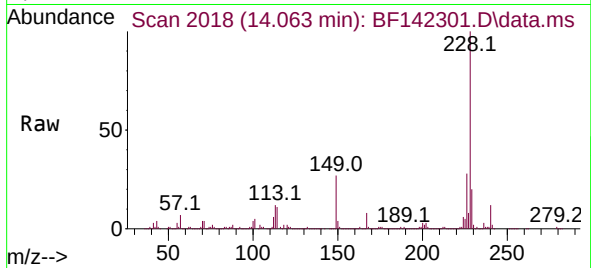
#81
Benzo(a)anthracene
Concen: 60.043 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

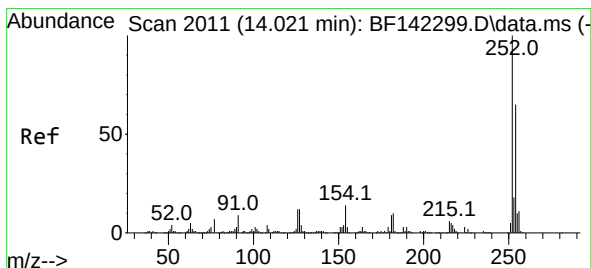
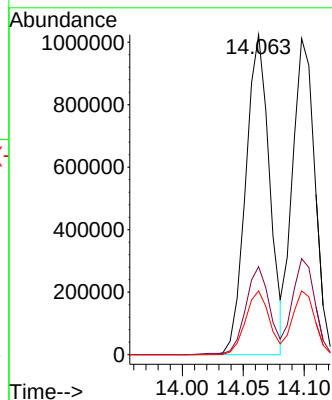
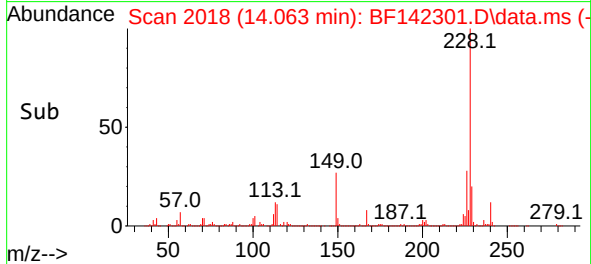


Tgt Ion:228 Resp: 139456
Ion Ratio Lower Upper
228 100
226 27.5 21.5 32.3
229 20.0 15.9 23.9

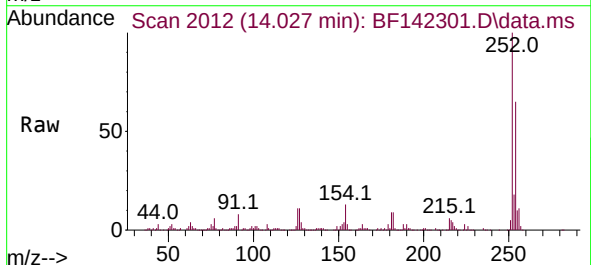
Manual Integrations

APPROVED

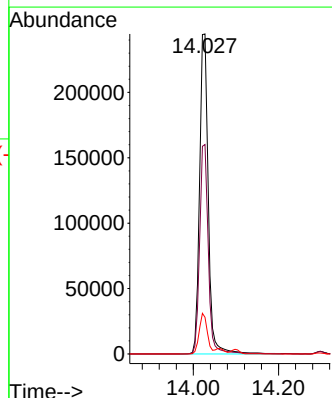
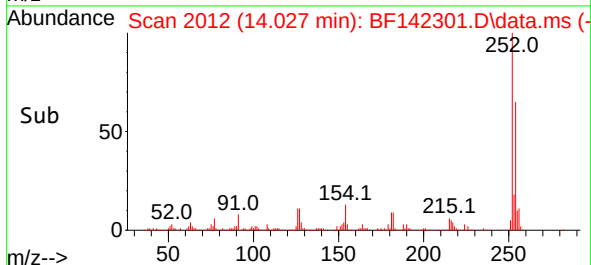
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

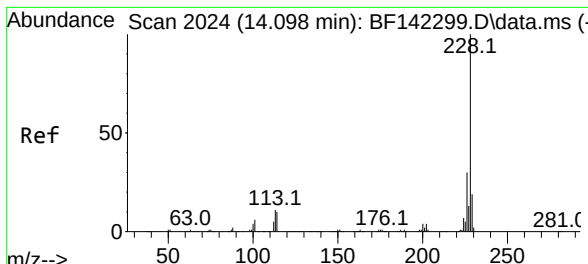


#82
3,3'-Dichlorobenzidine
Concen: 64.332 ng
RT: 14.027 min Scan# 2012
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47



Tgt Ion:252 Resp: 347469
Ion Ratio Lower Upper
252 100
254 65.5 52.0 78.0
126 11.4 9.7 14.5





#83
 Chrysene
 Concen: 59.838 ng
 RT: 14.098 min Scan# 2024
 Delta R.T. -0.000 min
 Lab File: BF142301.D
 Acq: 05 May 2025 16:47

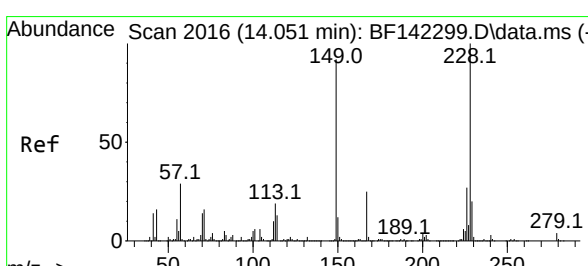
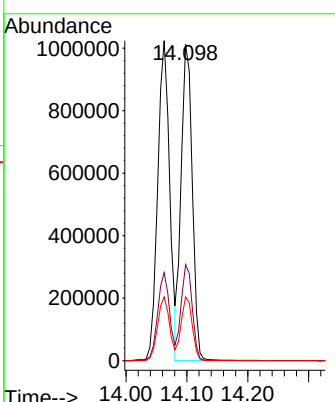
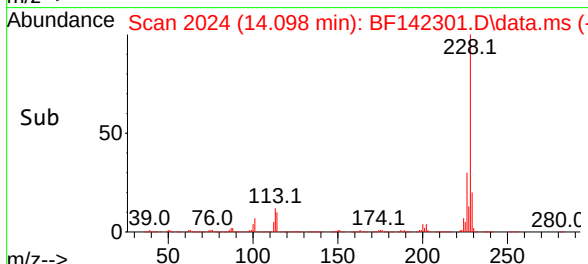
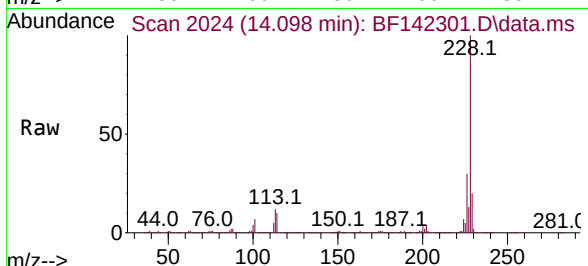
Instrument : BNA_F
 ClientSampleId : SSTDICC060

Tgt Ion: 228 Resp: 129380

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.9	35.9
229	20.2	15.4	23.2

Manual Integrations
 APPROVED

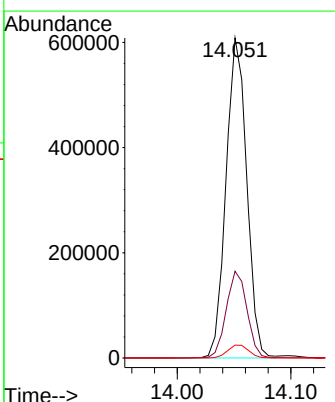
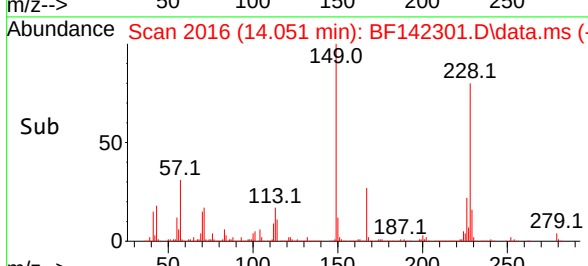
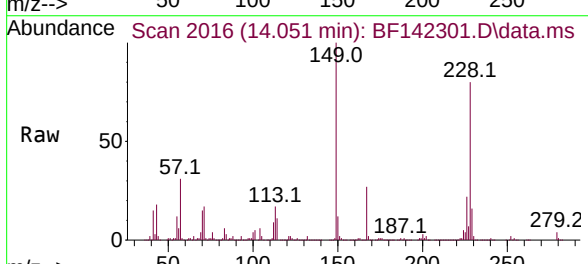
Reviewed By :Rahul Chavli 05/06/2025
 Supervised By :Jagrut Upadhyay 05/06/2025

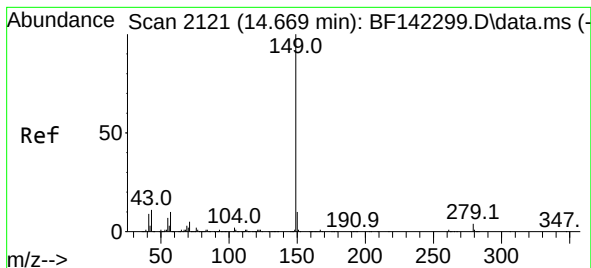


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 62.098 ng
 RT: 14.051 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: BF142301.D
 Acq: 05 May 2025 16:47

Tgt Ion: 149 Resp: 769940

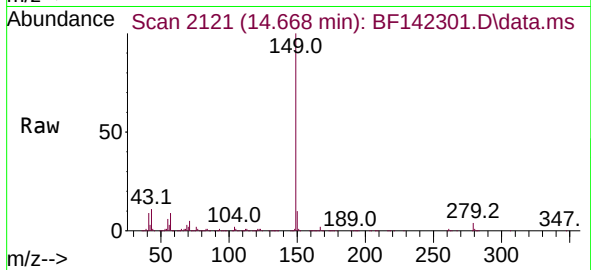
Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.0	33.0
279	4.0	3.0	4.6





#85
Di-n-octyl phthalate
Concen: 61.963 ng
RT: 14.668 min Scan# 2121
Delta R.T. -0.001 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

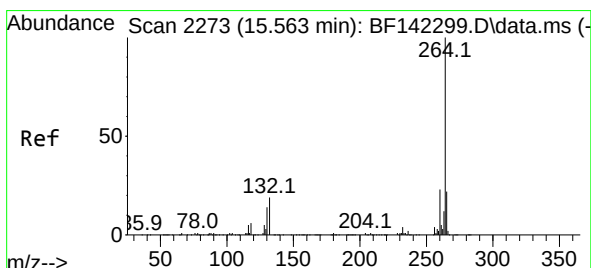
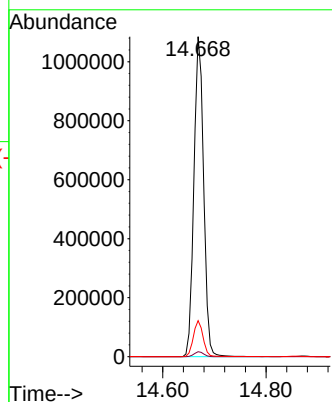
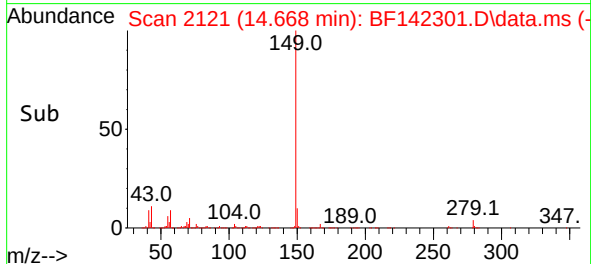
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:149 Resp: 141499
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 11.3 9.2 13.8

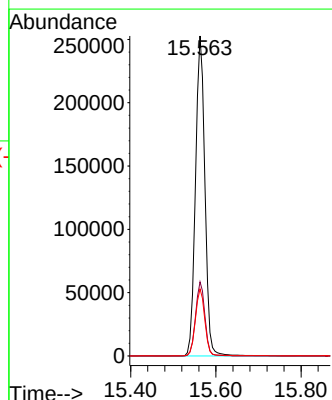
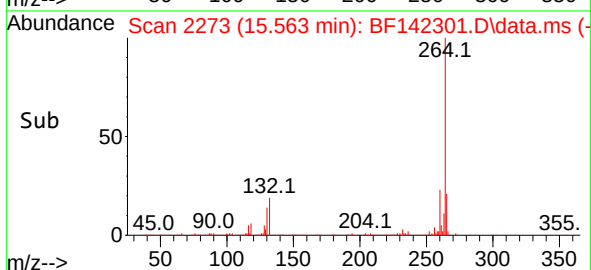
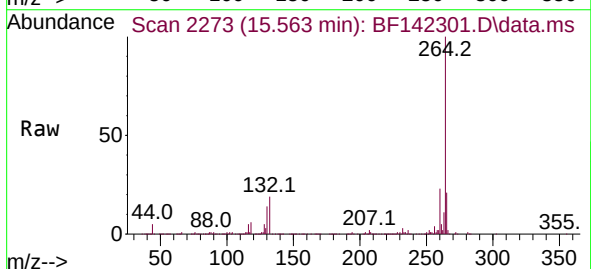
Manual Integrations
APPROVED

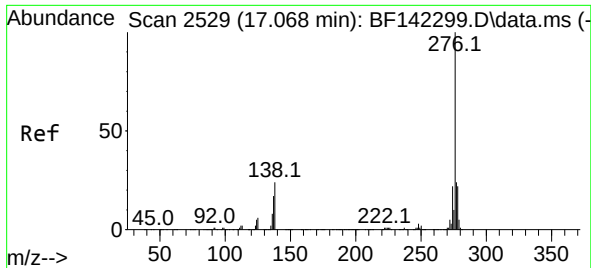
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:264 Resp: 387967
Ion Ratio Lower Upper
264 100
260 23.2 18.6 27.8
265 20.9 17.5 26.3





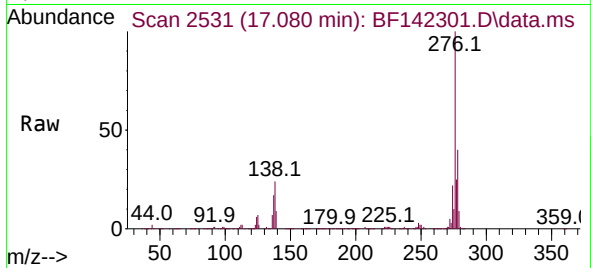
#87
Indeno(1,2,3-cd)pyrene
Concen: 64.842 ng
RT: 17.080 min Scan# 2199
Delta R.T. 0.012 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



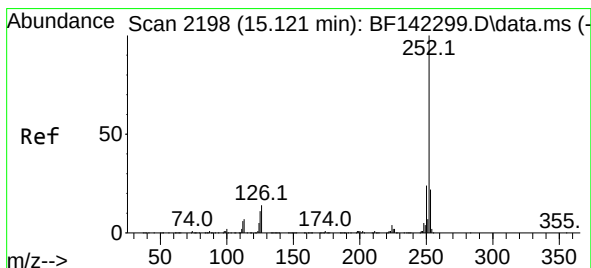
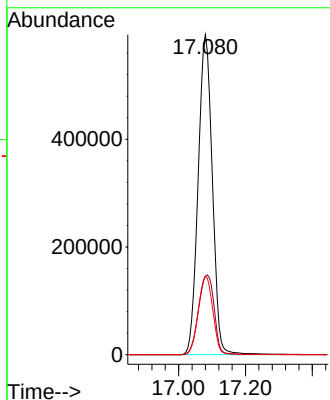
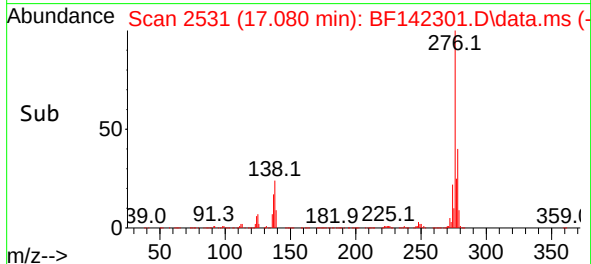
Tgt Ion:276 Resp: 174996
Ion Ratio Lower Upper
276 100
138 27.6 22.0 33.0
277 25.3 20.1 30.1

Manual Integrations

APPROVED

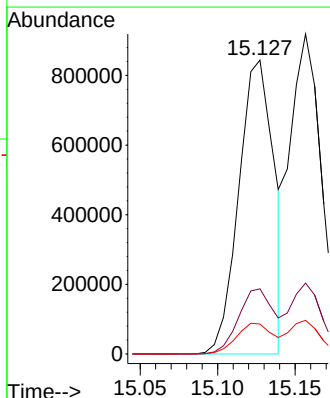
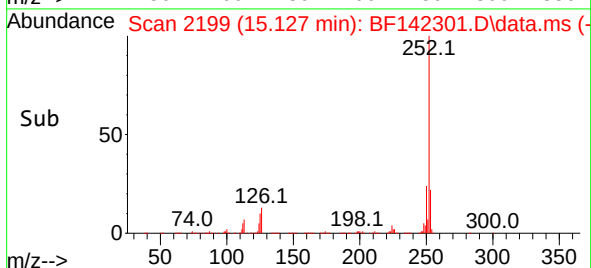
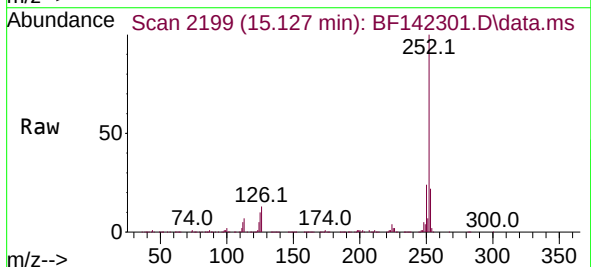
Reviewed By :Rahul Chavli 05/06/2025

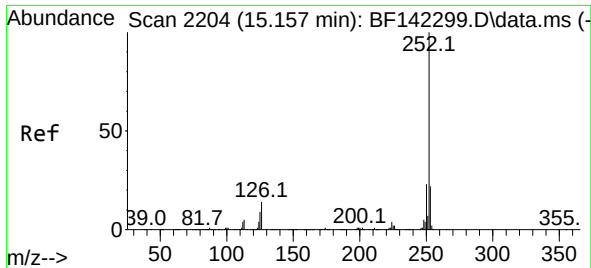
Supervised By :Jagrut Upadhyay 05/06/2025



#88
Benzo(b)fluoranthene
Concen: 56.551 ng
RT: 15.127 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

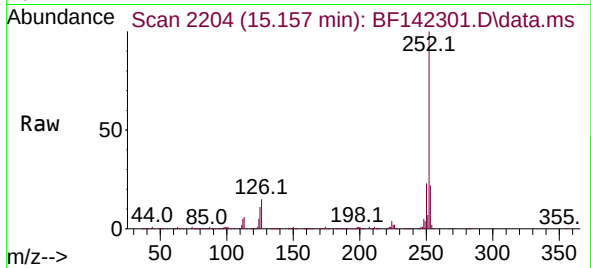
Tgt Ion:252 Resp: 1328806
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 10.2 8.7 13.1





#89
Benzo(k)fluoranthene
Concen: 60.288 ng
RT: 15.157 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

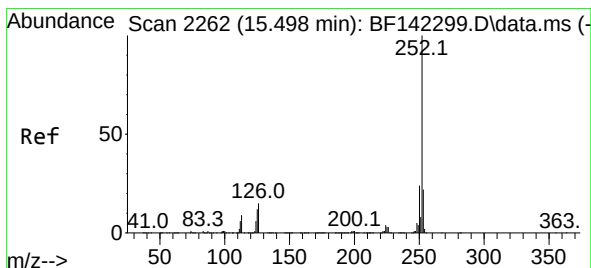
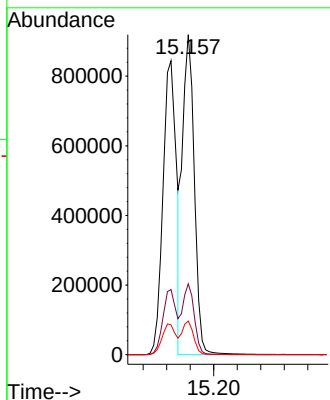
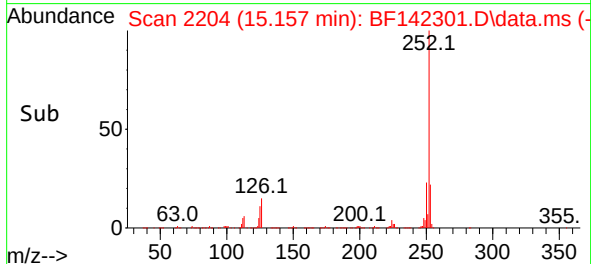
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:252 Resp: 1296379
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 10.5 8.1 12.1

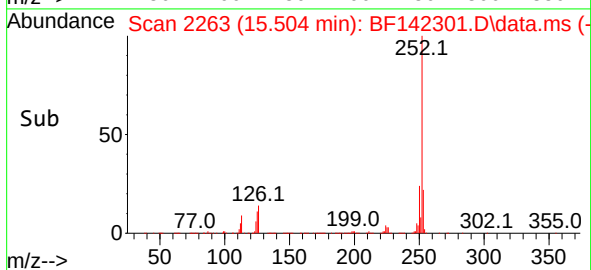
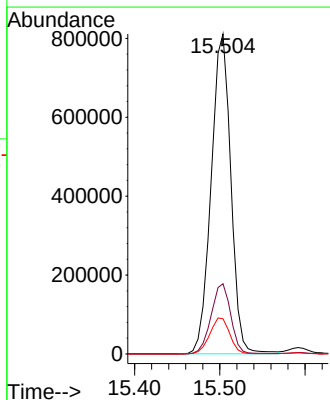
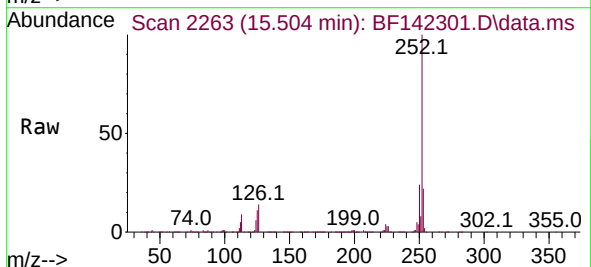
Manual Integrations
APPROVED

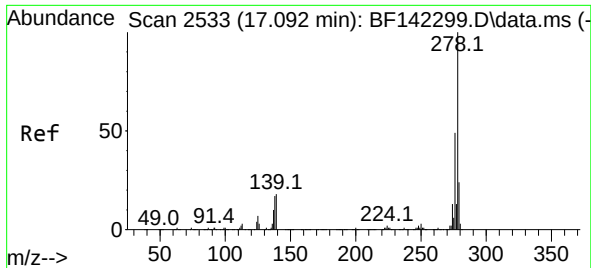
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025



#90
Benzo(a)pyrene
Concen: 61.838 ng
RT: 15.504 min Scan# 2263
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

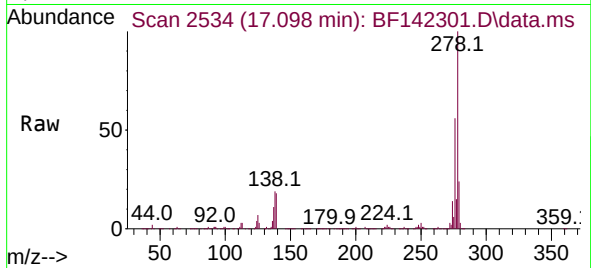
Tgt Ion:252 Resp: 1302088
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 11.0 9.4 14.0





#91
Dibenzo(a,h)anthracene
Concen: 63.902 ng
RT: 17.098 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

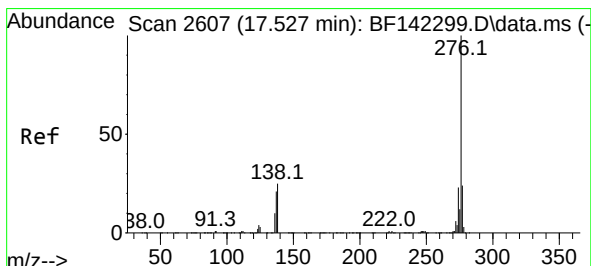
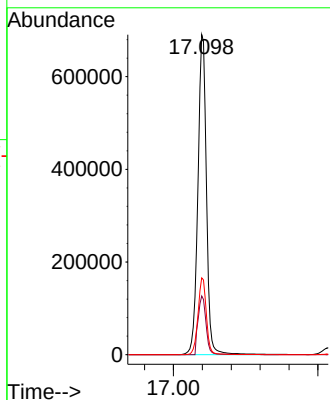
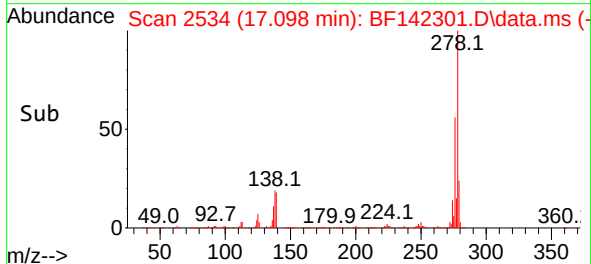
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:278 Resp: 142478
Ion Ratio Lower Upper
278 100
139 18.4 14.5 21.7
279 24.0 18.9 28.3

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025



#92
Benzo(g,h,i)perylene
Concen: 64.444 ng
RT: 17.539 min Scan# 2609
Delta R.T. 0.012 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:276 Resp: 1426095
Ion Ratio Lower Upper
276 100
277 24.0 19.0 28.6
138 23.6 19.8 29.6

