

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142253.D
 Acq On : 01 May 2025 11:42
 Operator : RC/JU
 Sample : PB167798BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167798BSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/02/2025
 Supervised By :Jagrut Upadhyay 05/02/2025

Quant Time: May 01 12:24:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	228844	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	895505	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	472033	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	796412	20.000	ng	0.00
76) Chrysene-d12	14.074	240	445019	20.000	ng	0.00
86) Perylene-d12	15.563	264	441873	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1544251	107.770	ng	0.01
7) Phenol-d6	6.528	99	1910888	110.435	ng	0.00
23) Nitrobenzene-d5	7.469	82	1094804	80.319	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	558926	129.885	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2284570	68.240	ng	0.00
79) Terphenyl-d14	13.022	244	2257765	73.788	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.799	88	214363	33.497	ng	99
3) Pyridine	3.546	79	604462	36.343	ng	100
4) n-Nitrosodimethylamine	3.499	42	350276	40.697	ng	99
6) Aniline	6.569	93	664275	27.123	ng	99
8) 2-Chlorophenol	6.693	128	628695	42.460	ng	99
9) Benzaldehyde	6.457	77	294023	24.312	ng	99
10) Phenol	6.545	94	750967m	40.313	ng	
11) bis(2-Chloroethyl)ether	6.645	93	580502	40.214	ng	99
12) 1,3-Dichlorobenzene	6.851	146	662064	39.525	ng	100
13) 1,4-Dichlorobenzene	6.928	146	661045	39.170	ng	100
14) 1,2-Dichlorobenzene	7.081	146	646447	40.124	ng	99
15) Benzyl Alcohol	7.045	79	522603	42.584	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1068395	40.987	ng	99
17) 2-Methylphenol	7.151	107	506643	41.769	ng	99
18) Hexachloroethane	7.422	117	227904	41.260	ng	97
19) n-Nitroso-di-n-propyla...	7.322	70	433820	40.572	ng	99
20) 3+4-Methylphenols	7.304	107	625731	41.251	ng	94
22) Acetophenone	7.316	105	822300	39.692	ng	100
24) Nitrobenzene	7.492	77	605776	45.294	ng	98
25) Isophorone	7.728	82	1175652	41.096	ng	100
26) 2-Nitrophenol	7.804	139	258365	46.327	ng	98
27) 2,4-Dimethylphenol	7.840	122	612593	42.472	ng	99
28) bis(2-Chloroethoxy)met...	7.940	93	740492	41.043	ng	99
29) 2,4-Dichlorophenol	8.040	162	521645	43.259	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	546079	40.582	ng	99
31) Naphthalene	8.216	128	1778327	39.820	ng	100
32) Benzoic acid	7.951	122	331051m	48.183	ng	
33) 4-Chloroaniline	8.251	127	168046	9.036	ng	99
34) Hexachlorobutadiene	8.328	225	322773	41.113	ng	99
35) Caprolactam	8.622	113	168204m	46.407	ng	
36) 4-Chloro-3-methylphenol	8.734	107	537952	43.445	ng	98
37) 2-Methylnaphthalene	8.904	142	1104930	40.241	ng	100
38) 1-Methylnaphthalene	9.004	142	1150453	40.445	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	524934	39.515	ng	99
41) Hexachlorocyclopentadiene	9.057	237	671988	89.128	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	372452	45.244	ng	98

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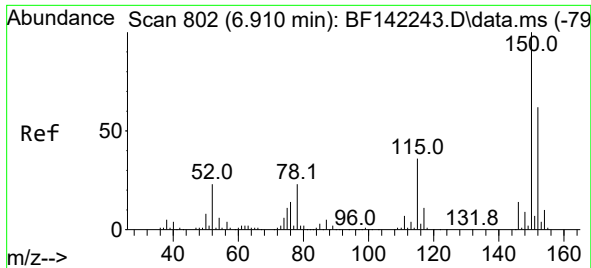
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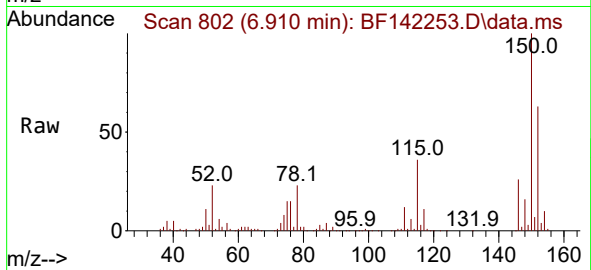
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	387830	44.810	ng	98
46) 1,1'-Biphenyl	9.369	154	1480347	40.340	ng	100
47) 2-Chloronaphthalene	9.392	162	1105087	40.476	ng	99
48) 2-Nitroaniline	9.486	65	324508	45.363	ng	98
49) Acenaphthylene	9.810	152	1879452	40.794	ng	100
50) Dimethylphthalate	9.669	163	1290455	42.733	ng	100
51) 2,6-Dinitrotoluene	9.728	165	262585	45.558	ng	100
52) Acenaphthene	9.981	154	1183957	44.012	ng	99
53) 3-Nitroaniline	9.892	138	144830	22.378	ng	98
54) 2,4-Dinitrophenol	9.998	184	199878	91.584	ng	# 17
55) Dibenzofuran	10.157	168	1639725	40.663	ng	100
56) 4-Nitrophenol	10.045	139	489174	103.057	ng	98
57) 2,4-Dinitrotoluene	10.134	165	346883	49.318	ng	99
58) Fluorene	10.498	166	1248146	40.708	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.269	232	331140	46.189	ng	100
60) Diethylphthalate	10.369	149	1287411	43.172	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	601502	41.309	ng	99
62) 4-Nitroaniline	10.510	138	288950	45.282	ng	99
63) Azobenzene	10.651	77	1233889	41.902	ng	100
65) 4,6-Dinitro-2-methylph...	10.539	198	128388	48.731	ng	94
66) n-Nitrosodiphenylamine	10.610	169	1124320	41.318	ng	99
67) 4-Bromophenyl-phenylether	10.980	248	376385	42.436	ng	99
68) Hexachlorobenzene	11.045	284	419316	42.212	ng	99
69) Atrazine	11.133	200	337532	47.058	ng	99
70) Pentachlorophenol	11.233	266	496901	94.688	ng	98
71) Phenanthrene	11.463	178	1750559	40.693	ng	99
72) Anthracene	11.510	178	1816790	41.306	ng	100
73) Carbazole	11.663	167	1689119	42.099	ng	100
74) Di-n-butylphthalate	11.998	149	1825873	45.248	ng	100
75) Fluoranthene	12.645	202	1777492	41.799	ng	99
77) Benzidine	12.769	184	483783	25.584	ng	98
78) Pyrene	12.880	202	1763648	42.962	ng	99
80) Butylbenzylphthalate	13.498	149	510891	45.709	ng	99
81) Benzo(a)anthracene	14.063	228	1233563	41.291	ng	100
82) 3,3'-Dichlorobenzidine	14.027	252	124446	14.182	ng	99
83) Chrysene	14.104	228	1170165	43.030	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	622700	40.625	ng	100
85) Di-n-octyl phthalate	14.674	149	1156711	41.525	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	1384791	42.786	ng	100
88) Benzo(b)fluoranthene	15.127	252	1077406	39.254	ng	99
89) Benzo(k)fluoranthene	15.157	252	1118010	44.533	ng	99
90) Benzo(a)pyrene	15.504	252	1070836	42.614	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	1128281	42.952	ng	99
92) Benzo(g,h,i)perylene	17.533	276	1137552	43.077	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.910 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF142253.D
 Acq: 01 May 2025 11:42

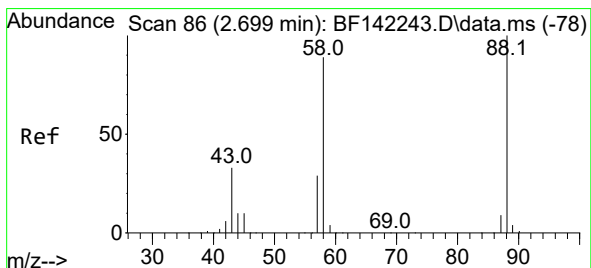
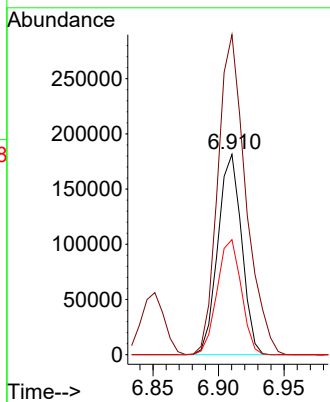
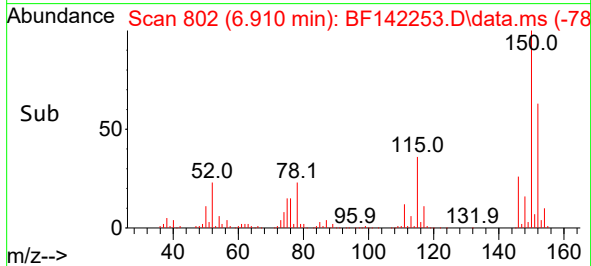
Instrument :
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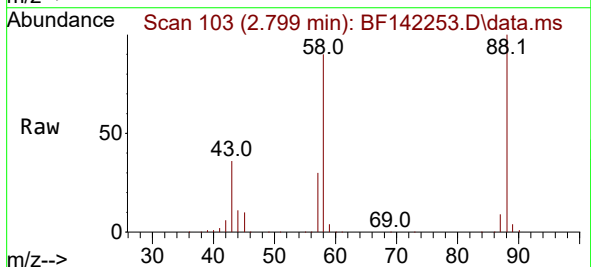
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 Ion Ratio Lower Upper
 152 100
 150 159.7 130.2 195.2
 115 57.4 47.0 70.4

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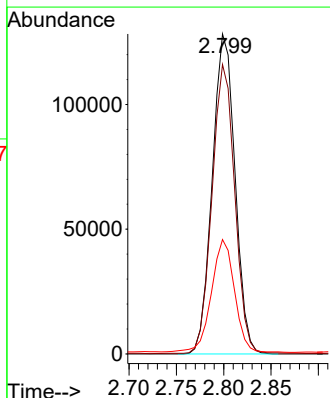
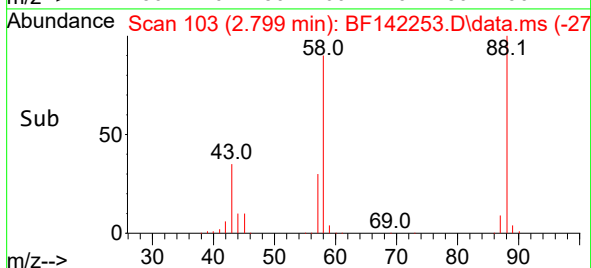
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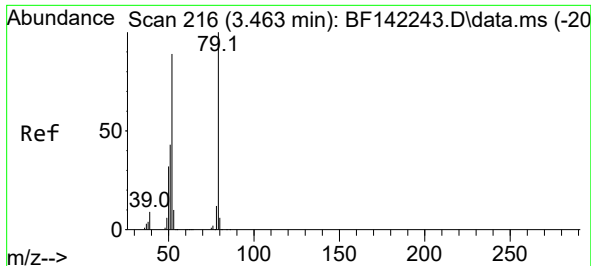


#2
 1,4-Dioxane
 Concen: 33.497 ng
 RT: 2.799 min Scan# 103
 Delta R.T. 0.100 min
 Lab File: BF142253.D
 Acq: 01 May 2025 11:42



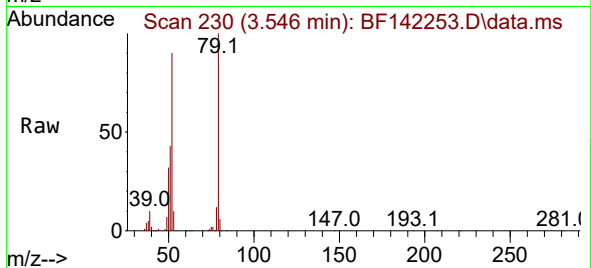
Tgt Ion: 88 Resp: 214363
 Ion Ratio Lower Upper
 88 100
 58 90.5 72.2 108.2
 43 35.9 27.0 40.6





#3
Pyridine
Concen: 36.343 ng
RT: 3.546 min Scan# 216
Delta R.T. 0.082 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

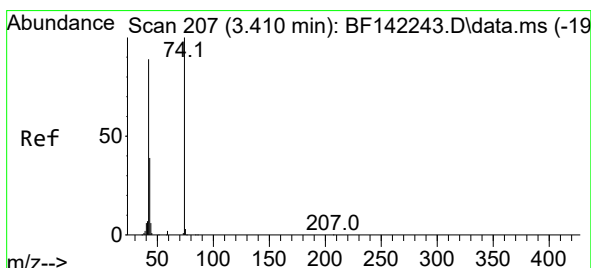
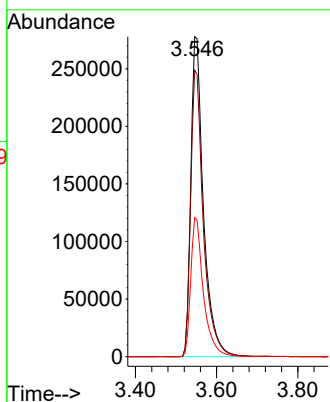
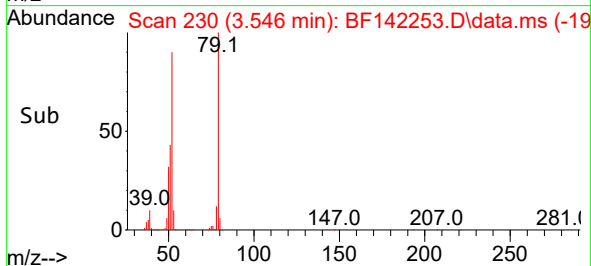
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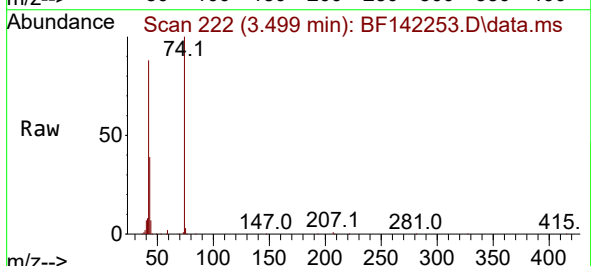
Tgt Ion: 79 Resp: 604462
Ion Ratio Lower Upper
79 100
52 89.5 71.5 107.3
51 43.4 34.5 51.7

Manual Integrations
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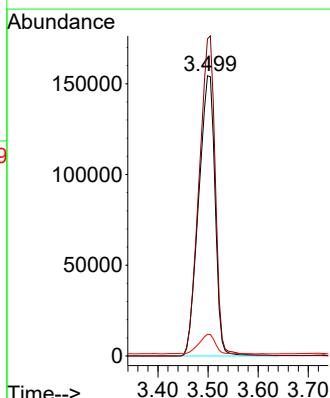
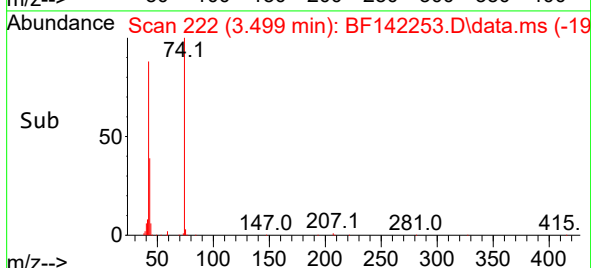
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Supervised By :Jagrut Upadhyay 05/02/2025

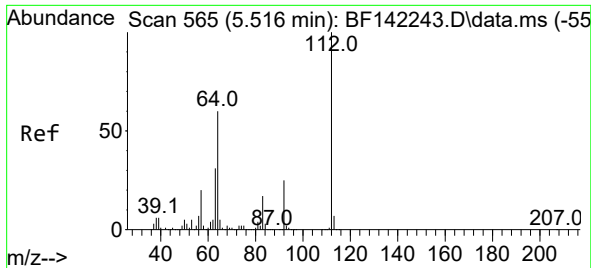


#4
n-Nitrosodimethylamine
Concen: 40.697 ng
RT: 3.499 min Scan# 222
Delta R.T. 0.088 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42



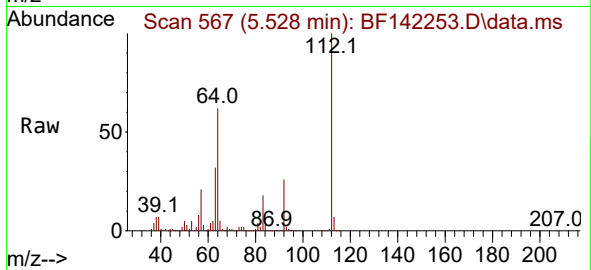
Tgt Ion: 42 Resp: 350276
Ion Ratio Lower Upper
42 100
74 113.2 89.5 134.3
44 7.7 6.6 9.8





#5
2-Fluorophenol
Concen: 107.770 ng
RT: 5.528 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

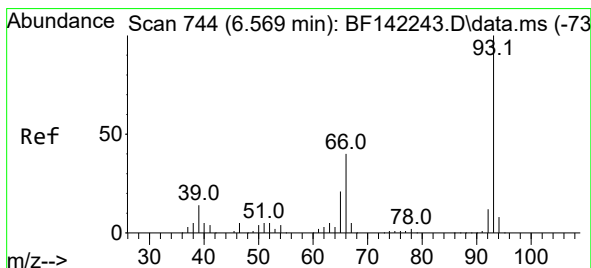
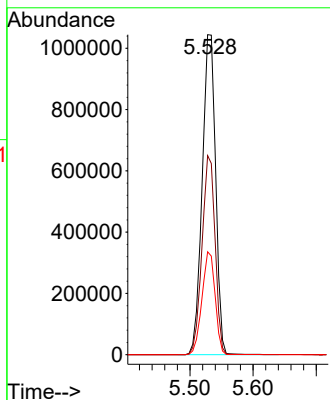
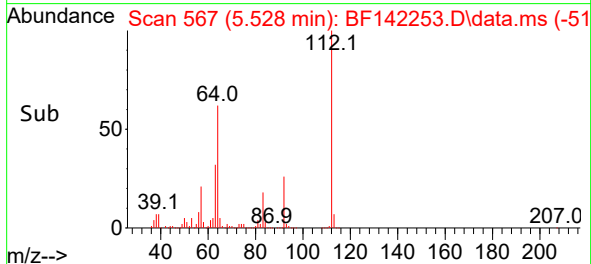
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Tgt Ion:112 Resp: 154425
Ion Ratio Lower Upper
112 100
64 62.2 48.4 72.6
63 32.2 24.8 37.2

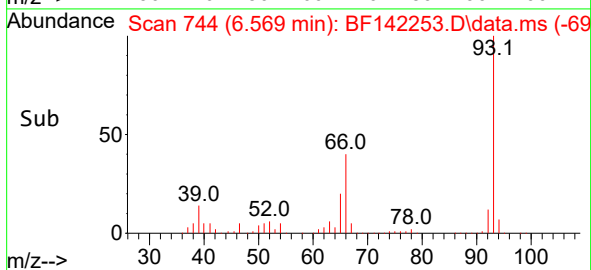
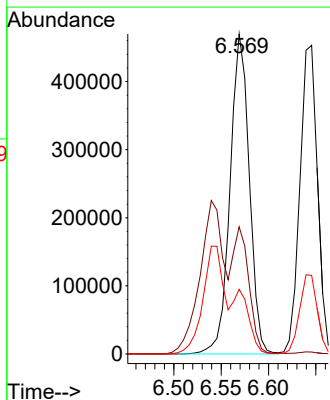
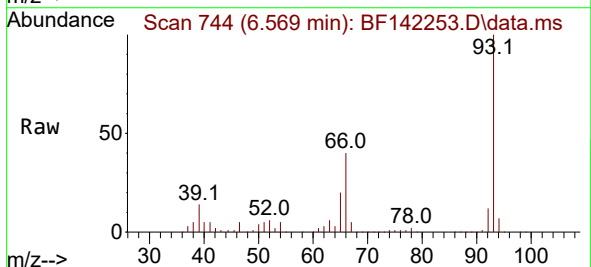
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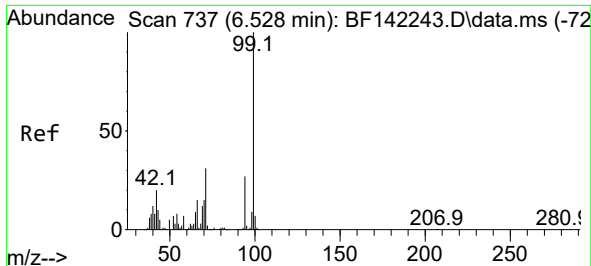
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#6
Aniline
Concen: 27.123 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

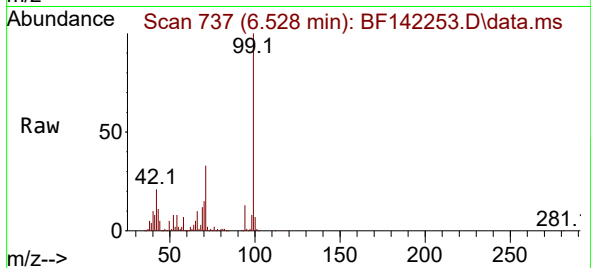
Tgt Ion: 93 Resp: 664275
Ion Ratio Lower Upper
93 100
66 39.8 32.1 48.1
65 20.2 16.6 24.8





#7
Phenol-d6
Concen: 110.435 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

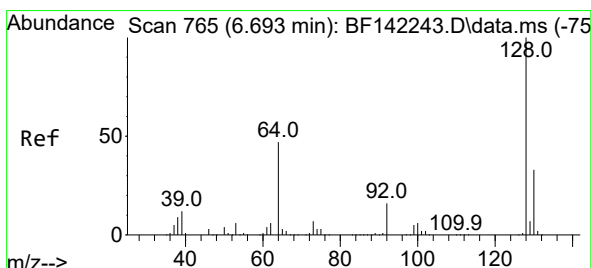
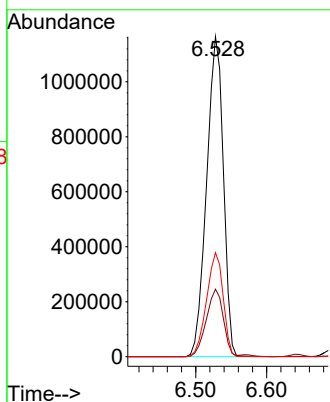
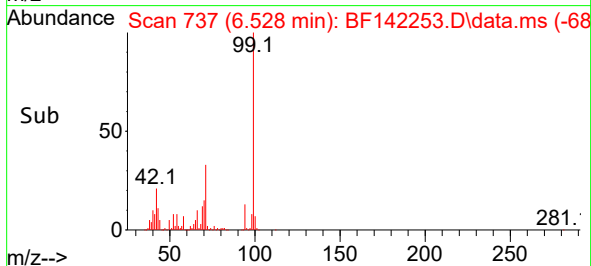
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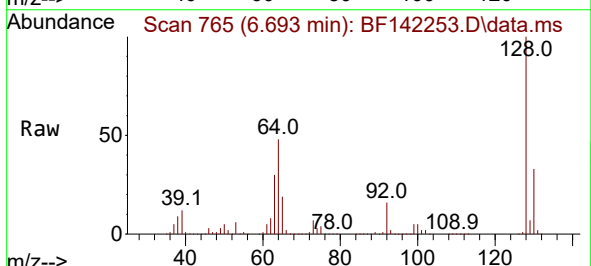
Tgt Ion: 99 Resp: 191088
Ion Ratio Lower Upper
99 100
42 21.1 16.3 24.5
71 32.5 25.0 37.4

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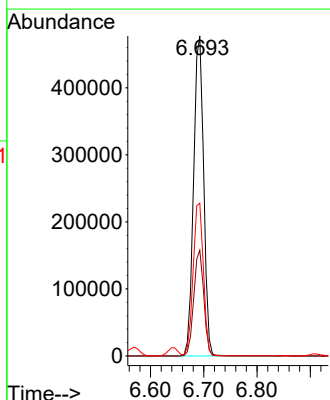
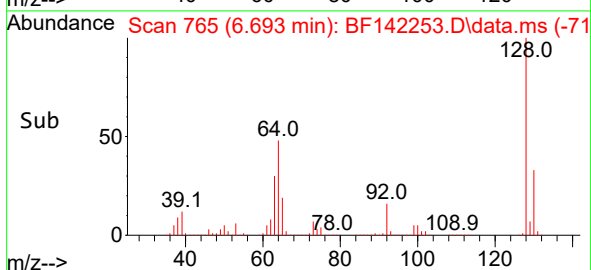
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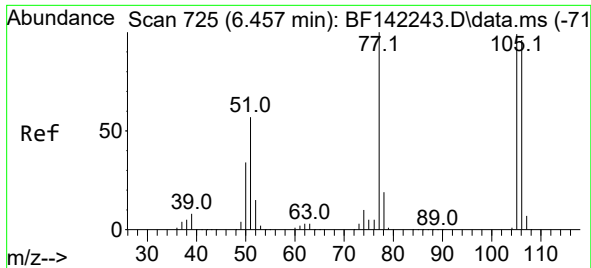


#8
2-Chlorophenol
Concen: 42.460 ng
RT: 6.693 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42



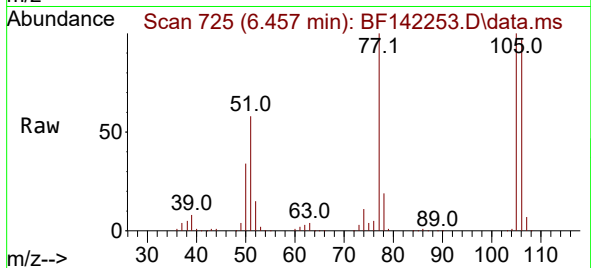
Tgt Ion:128 Resp: 628695
Ion Ratio Lower Upper
128 100
130 33.1 13.1 53.1
64 47.7 28.6 68.6





#9
Benzaldehyde
Concen: 24.312 ng
RT: 6.457 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

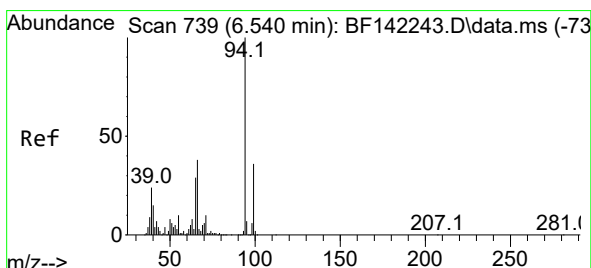
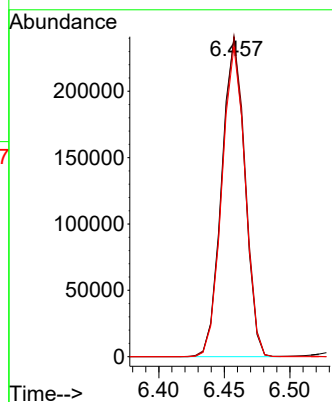
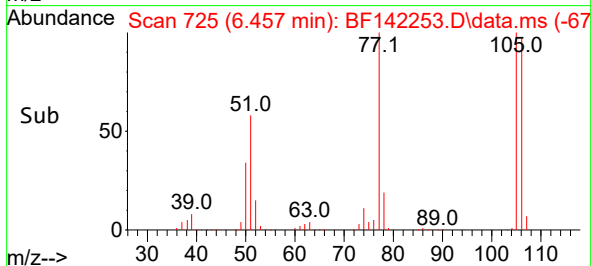
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BNA_F
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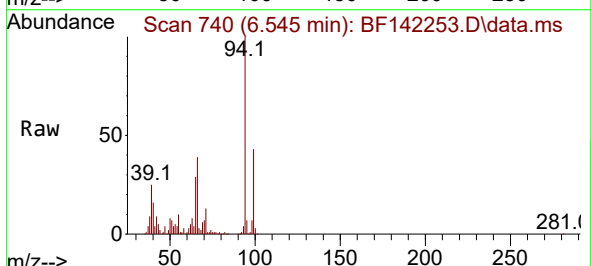
Tgt Ion: 77 Resp: 29402
Ion Ratio Lower Upper
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105 100.3 79.1 119.1
106 97.2 76.0 116.0

Manual Integrations
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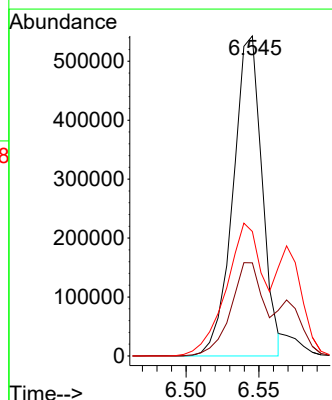
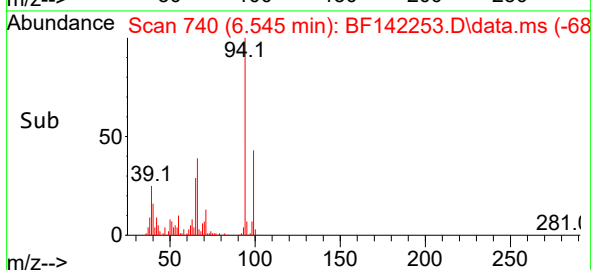
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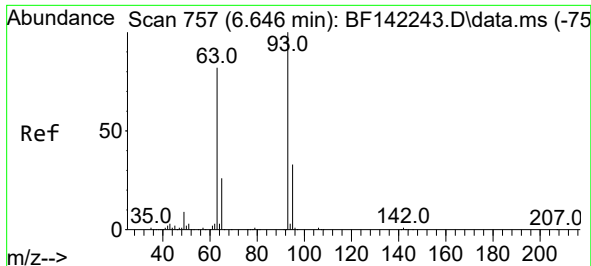


#10
Phenol
Concen: 40.313 ng m
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42



Tgt Ion: 94 Resp: 750967
Ion Ratio Lower Upper
94 100
65 29.1 8.9 48.9
66 38.9 18.7 58.7





#11

bis(2-Chloroethyl)ether

Concen: 40.214 ng

RT: 6.645 min Scan# 757

Delta R.T. -0.000 min

Lab File: BF142253.D

Acq: 01 May 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB167798BSD

Tgt Ion: 93 Resp: 58050

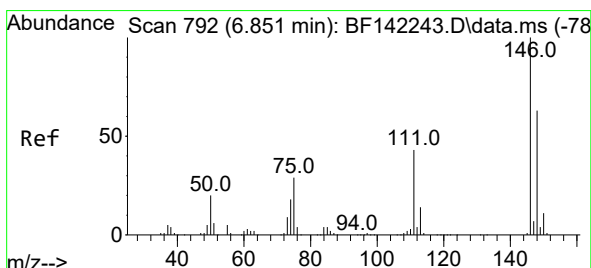
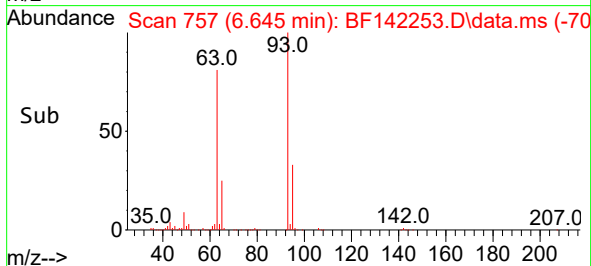
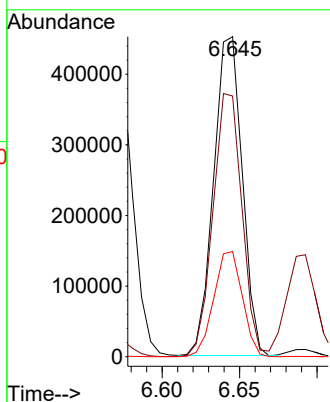
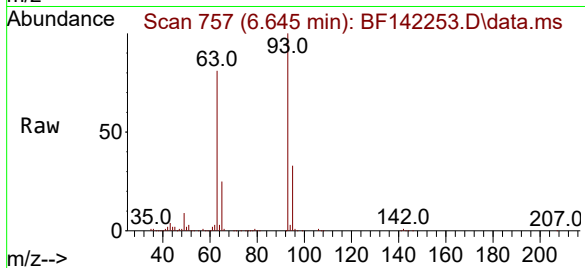
Ion	Ratio	Lower	Upper
93	100		
63	81.4	62.2	102.2
95	32.8	12.7	52.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/02/2025

Supervised By :Jagrut Upadhyay 05/02/2025



#12

1,3-Dichlorobenzene

Concen: 39.525 ng

RT: 6.851 min Scan# 792

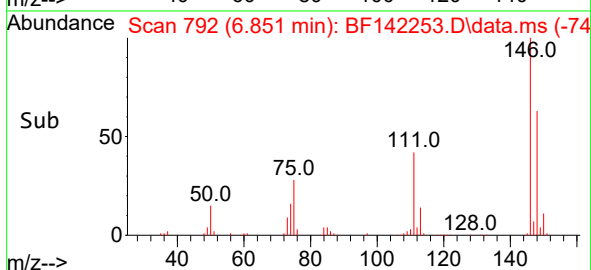
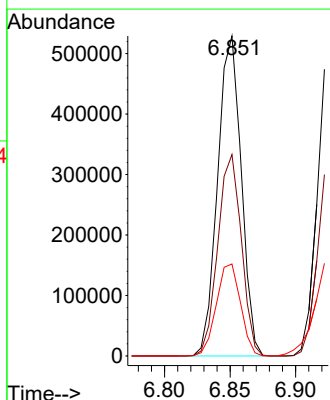
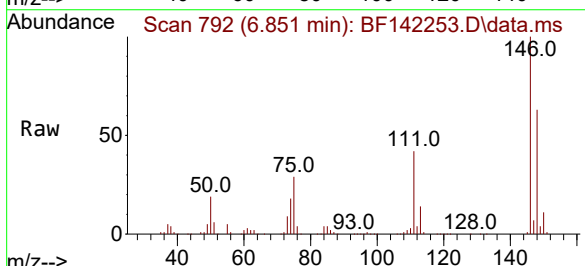
Delta R.T. -0.000 min

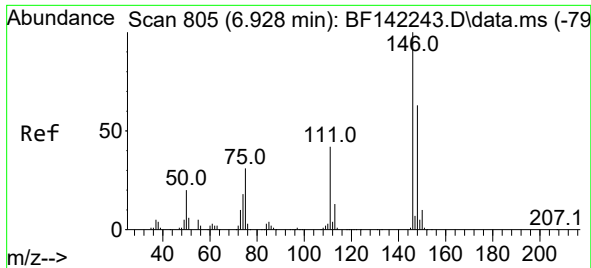
Lab File: BF142253.D

Acq: 01 May 2025 11:42

Tgt Ion:146 Resp: 662064

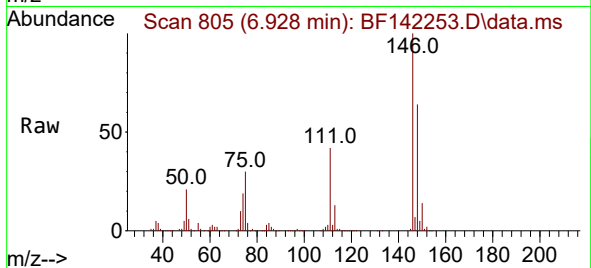
Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.5	75.7
75	28.8	23.2	34.8





#13
1,4-Dichlorobenzene
Concen: 39.170 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

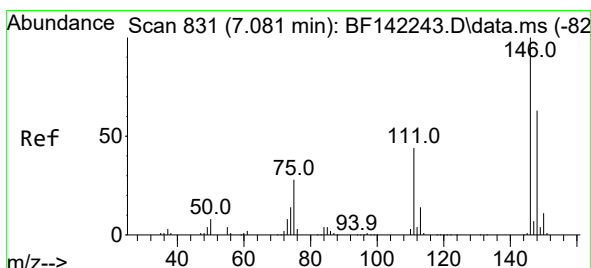
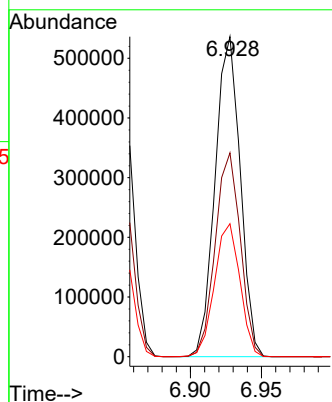
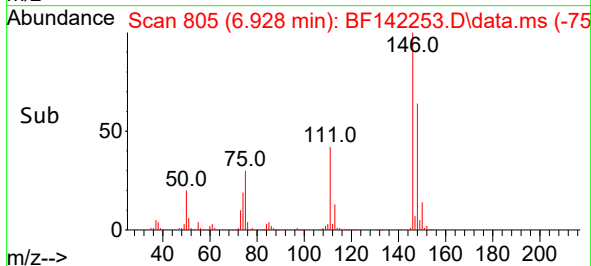
Instrument :
BNA_F
ClientSampleId :
PB167798BSD



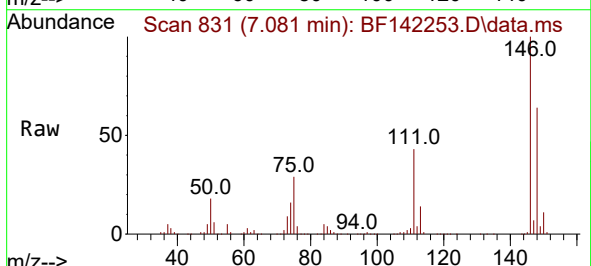
Tgt Ion:146 Resp: 661045
Ion Ratio Lower Upper
146 100
148 63.7 50.6 76.0
111 41.5 33.4 50.0

Manual Integrations
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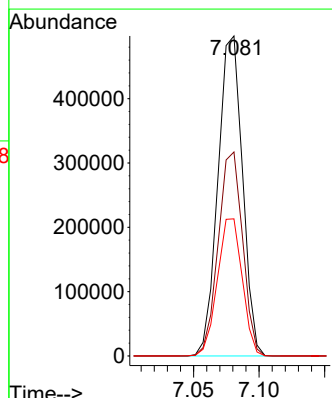
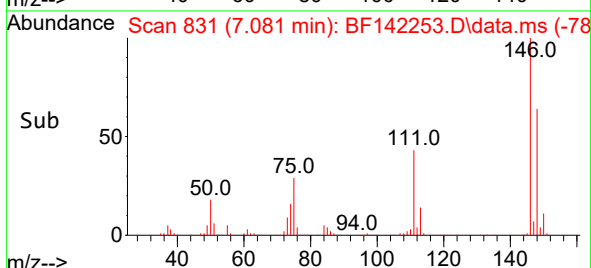
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

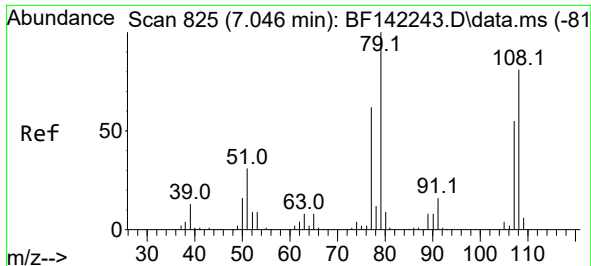


#14
1,2-Dichlorobenzene
Concen: 40.124 ng
RT: 7.081 min Scan# 831
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42



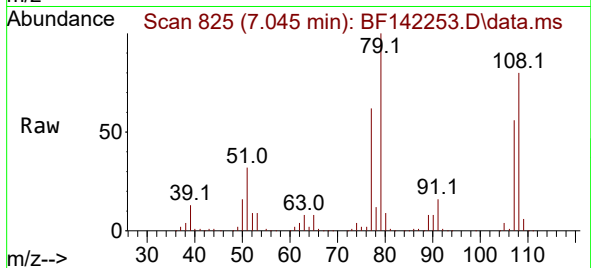
Tgt Ion:146 Resp: 646447
Ion Ratio Lower Upper
146 100
148 63.8 50.5 75.7
111 42.8 34.9 52.3





#15
Benzyl Alcohol
Concen: 42.584 ng
RT: 7.045 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

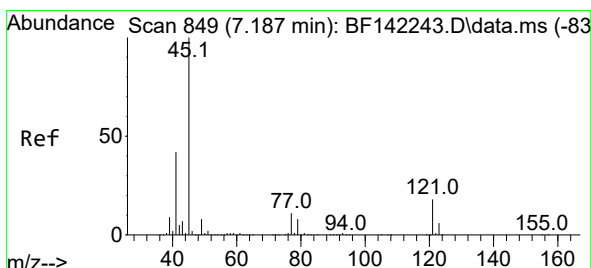
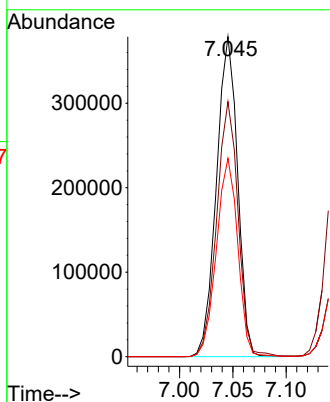
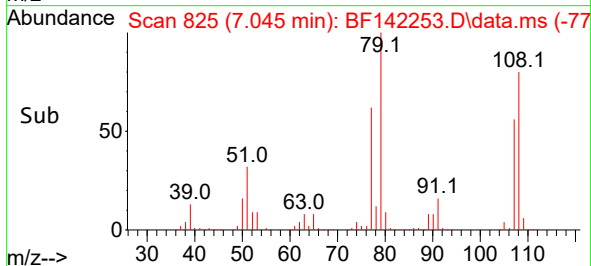
Instrument :
BNA_F
ClientSampleId :
PB167798BSD



Tgt Ion: 79 Resp: 52260
Ion Ratio Lower Upper
79 100
108 79.7 64.5 96.7
77 62.0 49.2 73.8

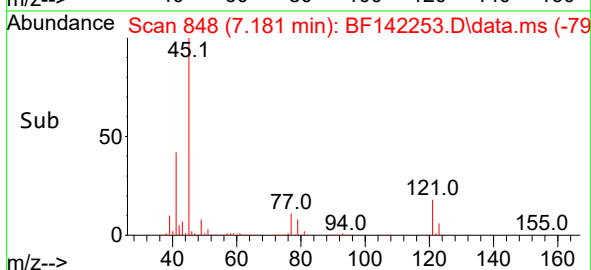
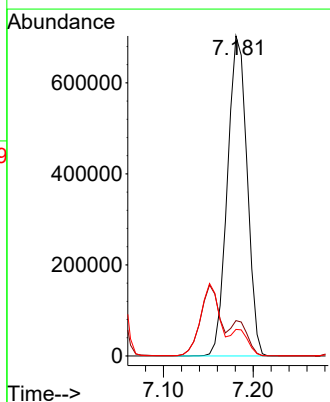
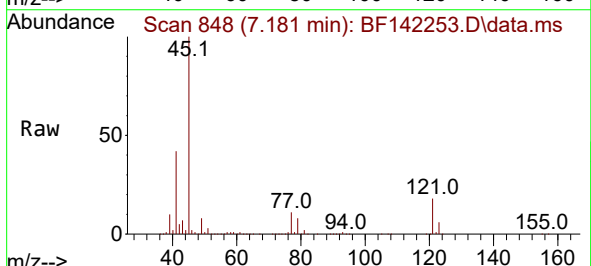
Manual Integrations
APPROVED

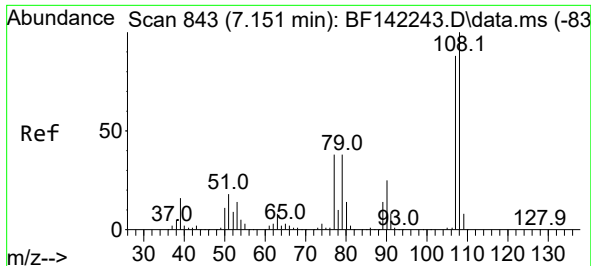
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.987 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

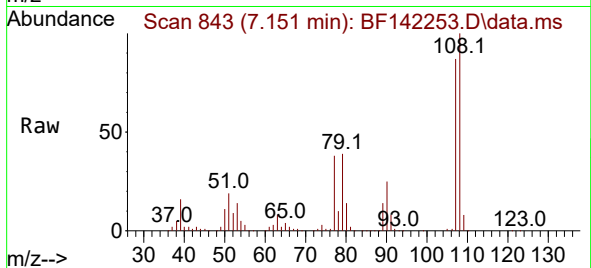
Tgt Ion: 45 Resp: 1068395
Ion Ratio Lower Upper
45 100
77 11.1 0.0 31.3
79 8.3 0.0 28.5





#17
2-Methylphenol
Concen: 41.769 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

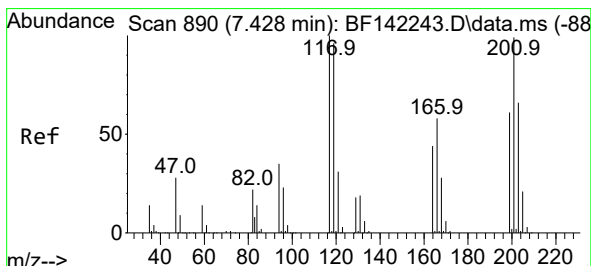
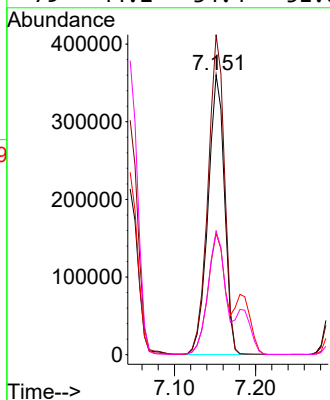
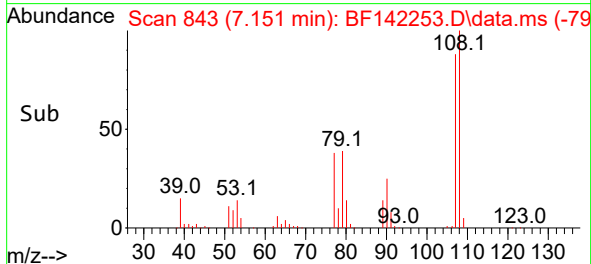
Instrument :
BNA_F
ClientSampleId :
PB167798BSD



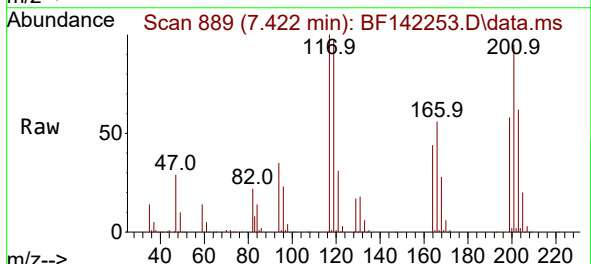
Tgt Ion:107 Resp: 50664
Ion Ratio Lower Upper
107 100
108 114.3 91.0 136.4
77 43.3 34.4 51.6
79 44.2 34.4 51.6

Manual Integrations
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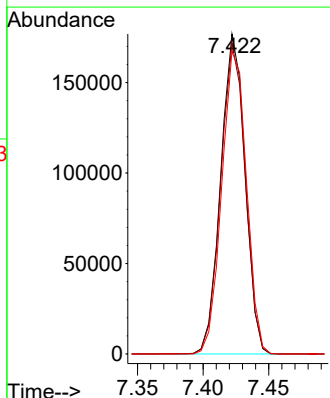
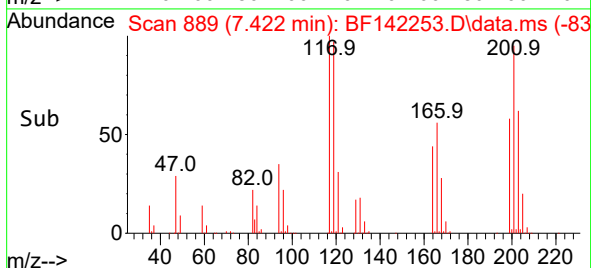
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

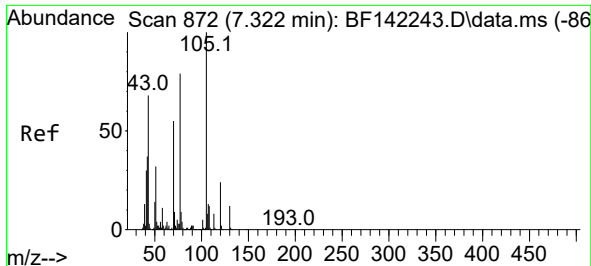


#18
Hexachloroethane
Concen: 41.260 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42



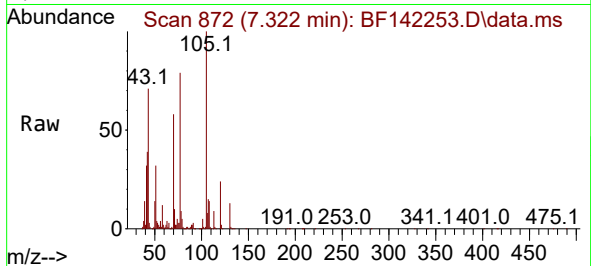
Tgt Ion:117 Resp: 227904
Ion Ratio Lower Upper
117 100
119 97.2 77.1 115.7
201 94.6 79.4 119.2





#19
n-Nitroso-di-n-propylamine
Concen: 40.572 ng
RT: 7.322 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

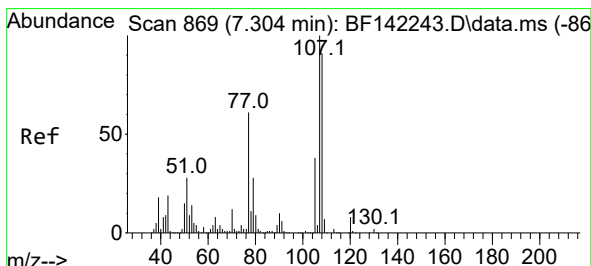
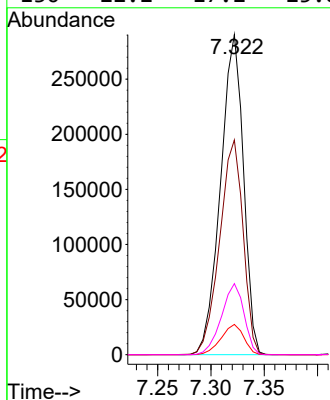
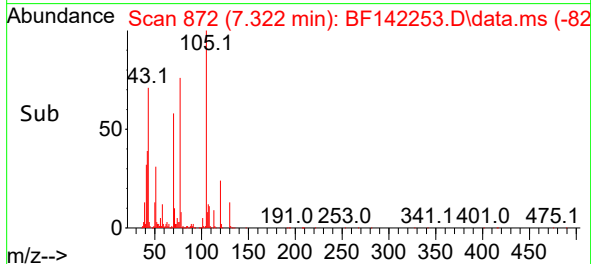
Instrument :
BNA_F
ClientSampleId :
PB167798BSD



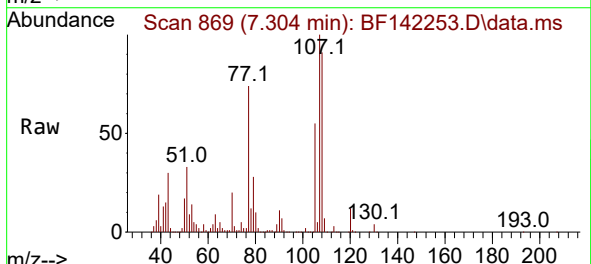
Tgt Ion: 70 Resp: 433820
Ion Ratio Lower Upper
70 100
42 67.1 53.4 80.2
101 9.5 7.7 11.5
130 22.2 17.2 25.8

Manual Integrations
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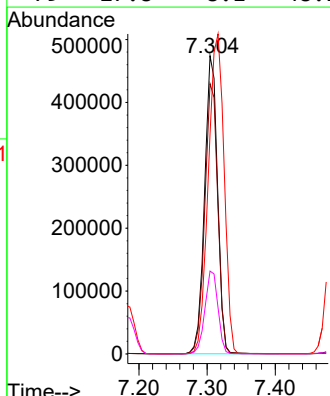
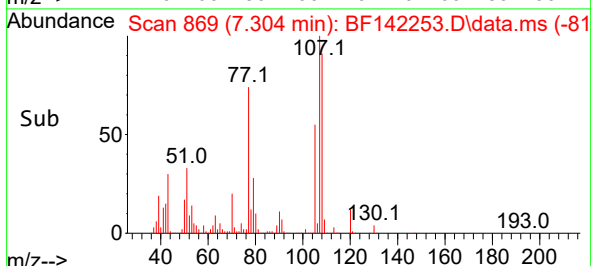
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

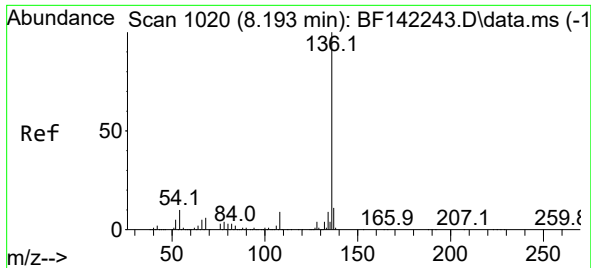


#20
3+4-Methylphenols
Concen: 41.251 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42



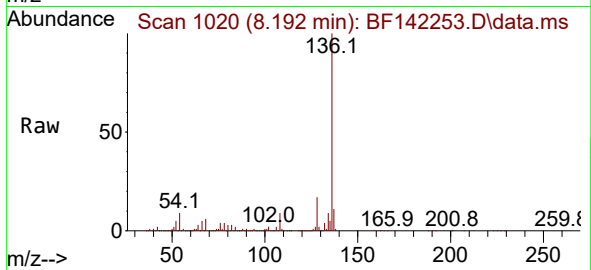
Tgt Ion:107 Resp: 625731
Ion Ratio Lower Upper
107 100
108 90.6 71.2 111.2
77 73.8 41.1 81.1
79 27.8 8.1 48.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1020
Delta R.T. -0.001 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

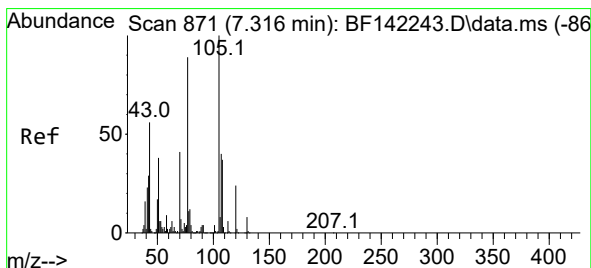
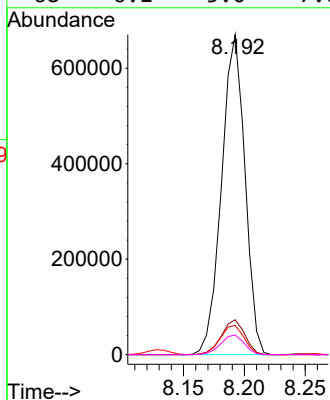
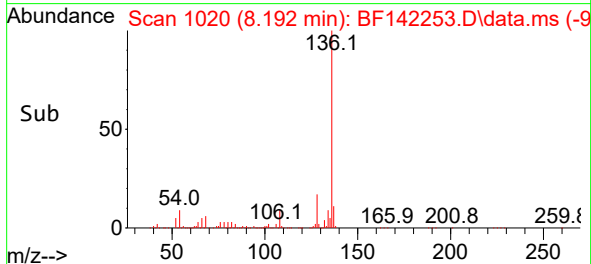
Instrument :
BNA_F
ClientSampleId :
PB167798BSD



Tgt Ion:136 Resp: 895508
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 9.2 7.7 11.5
68 6.1 5.0 7.6

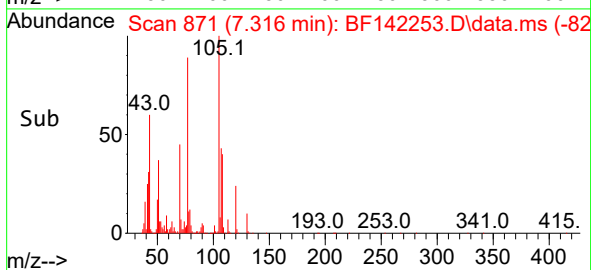
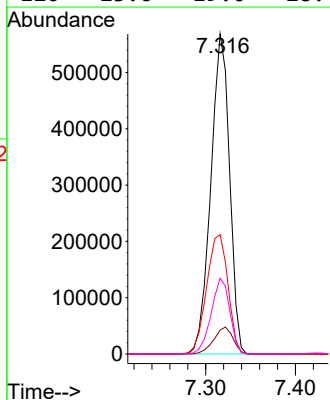
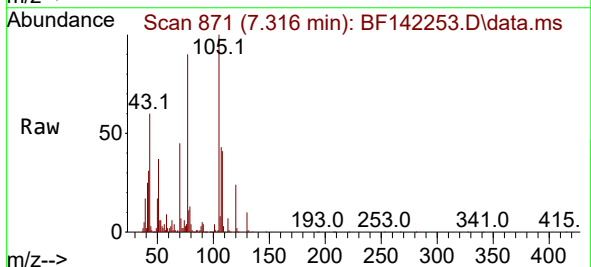
Manual Integrations
APPROVED

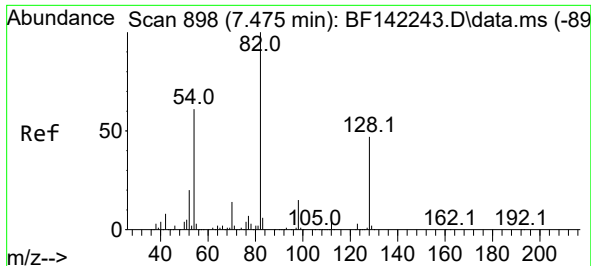
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025



#22
Acetophenone
Concen: 39.692 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:105 Resp: 822300
Ion Ratio Lower Upper
105 100
71 7.4 5.7 8.5
51 37.3 30.1 45.1
120 23.6 19.0 28.4





#23

Nitrobenzene-d5

Concen: 80.319 ng

RT: 7.469 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF142253.D

Acq: 01 May 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB167798BSD

Tgt Ion: 82 Resp: 1094804

Ion Ratio Lower Upper

82 100

128 45.2 37.0 55.6

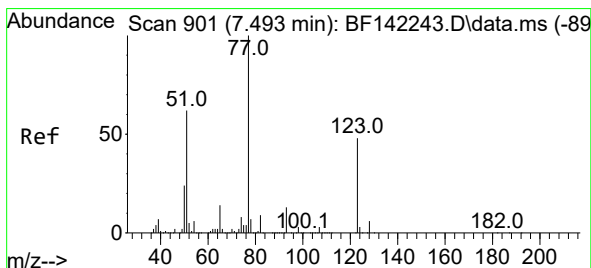
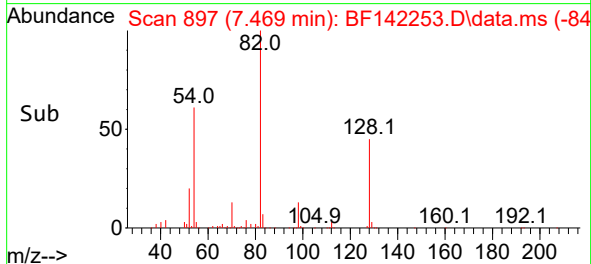
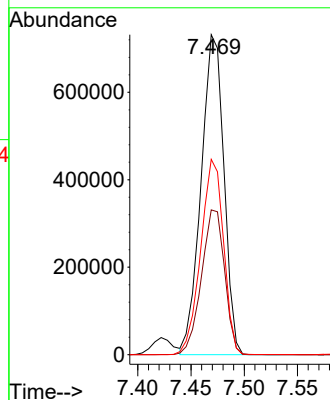
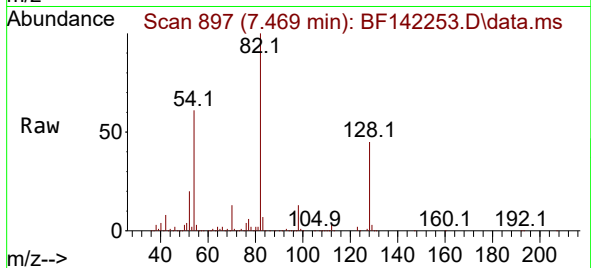
54 61.1 48.0 72.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/02/2025

Supervised By :Jagrut Upadhyay 05/02/2025



#24

Nitrobenzene

Concen: 45.294 ng

RT: 7.492 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF142253.D

Acq: 01 May 2025 11:42

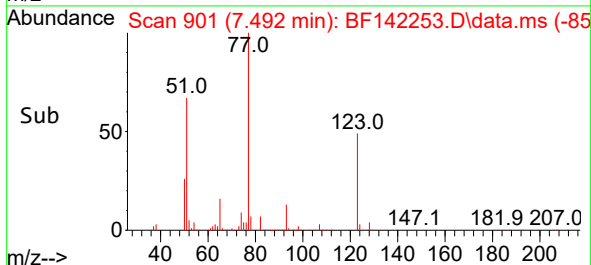
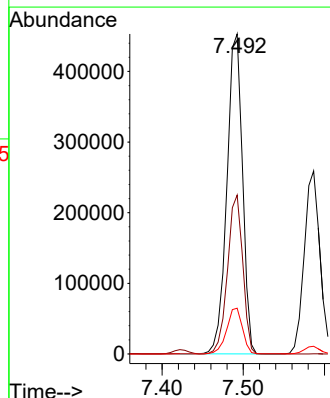
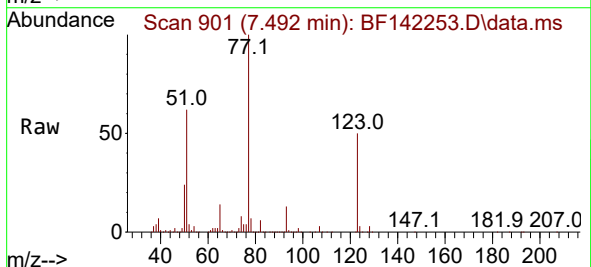
Tgt Ion: 77 Resp: 605776

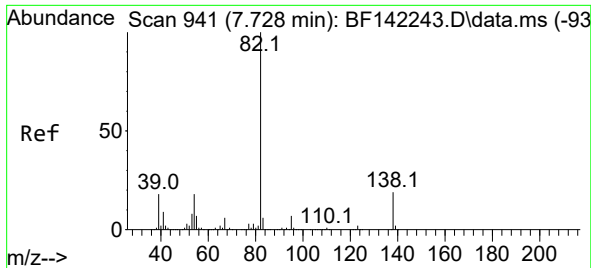
Ion Ratio Lower Upper

77 100

123 49.7 38.6 58.0

65 14.3 11.5 17.3





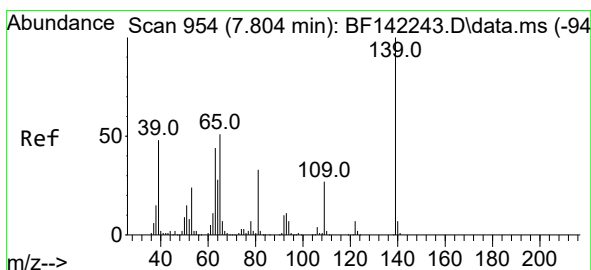
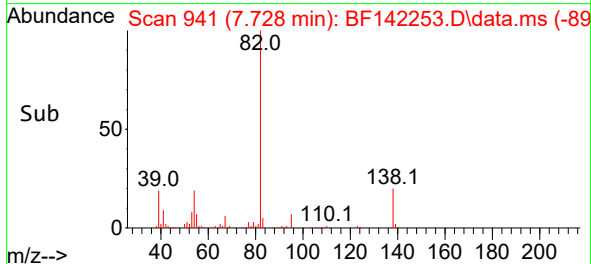
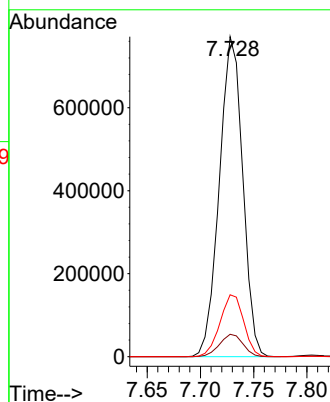
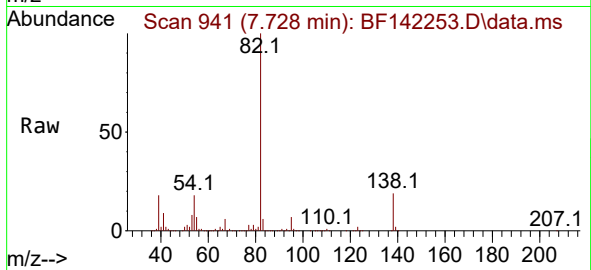
#25
Isophorone
Concen: 41.096 ng
RT: 7.728 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Instrument :
BNA_F
ClientSampleId :
PB167798BSD

Tgt Ion: 82 Resp: 117565
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 19.4 15.3 22.9

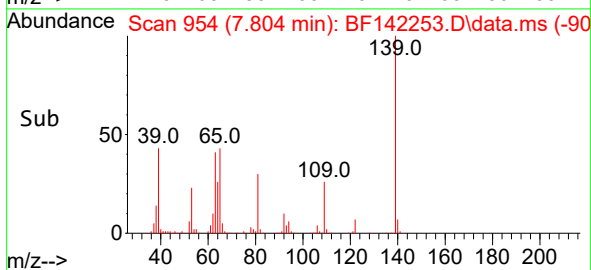
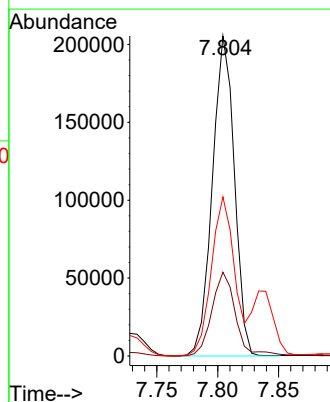
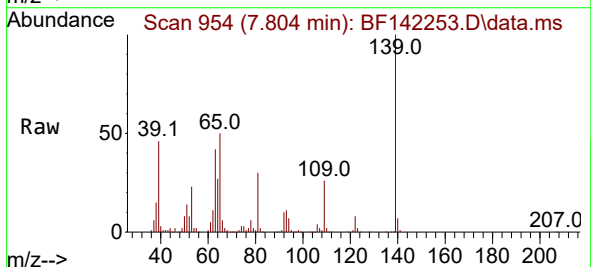
Manual Integrations
APPROVED

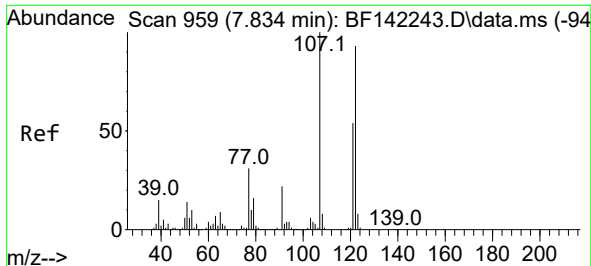
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025



#26
2-Nitrophenol
Concen: 46.327 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:139 Resp: 258365
Ion Ratio Lower Upper
139 100
109 26.2 21.8 32.8
65 49.7 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 42.472 ng

RT: 7.840 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF142253.D

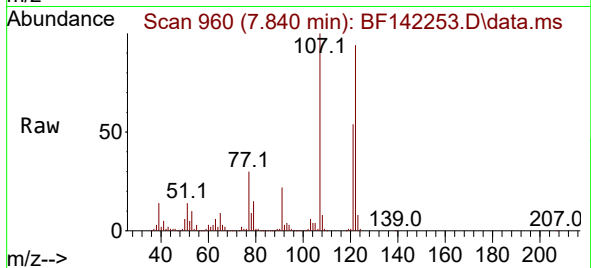
Acq: 01 May 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB167798BSD



Tgt Ion:122 Resp: 61259

Ion Ratio Lower Upper

122 100

107 106.7 86.0 129.0

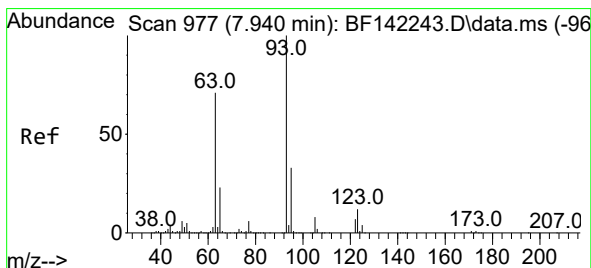
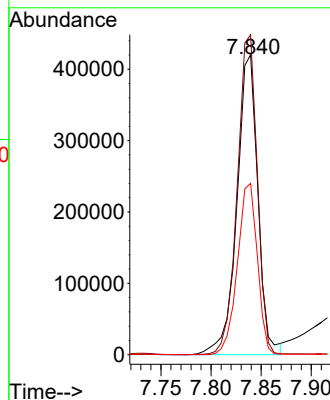
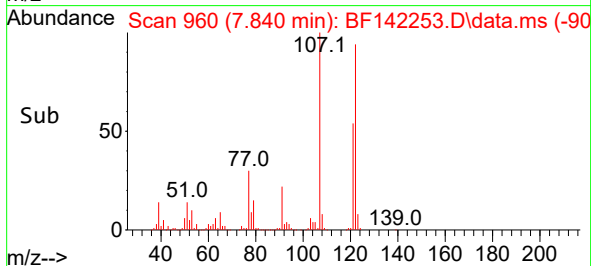
121 57.2 46.3 69.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/02/2025

Supervised By :Jagrut Upadhyay 05/02/2025



#28

bis(2-Chloroethoxy)methane

Concen: 41.043 ng

RT: 7.940 min Scan# 977

Delta R.T. -0.000 min

Lab File: BF142253.D

Acq: 01 May 2025 11:42

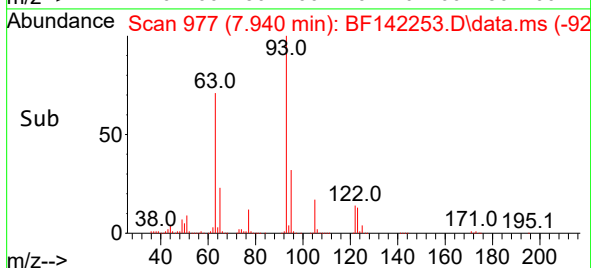
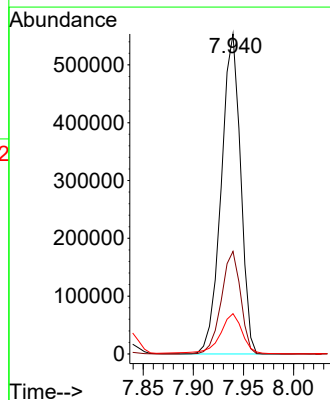
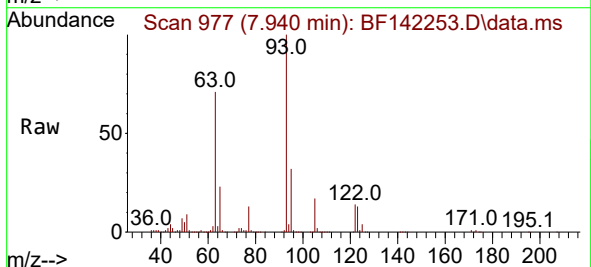
Tgt Ion: 93 Resp: 740492

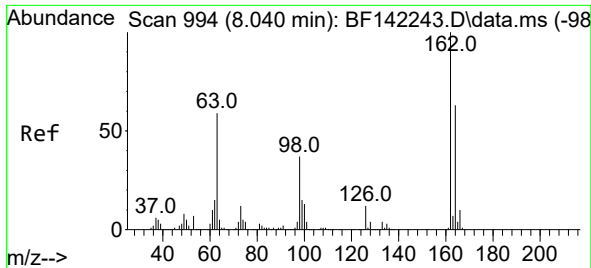
Ion Ratio Lower Upper

93 100

95 32.1 26.2 39.2

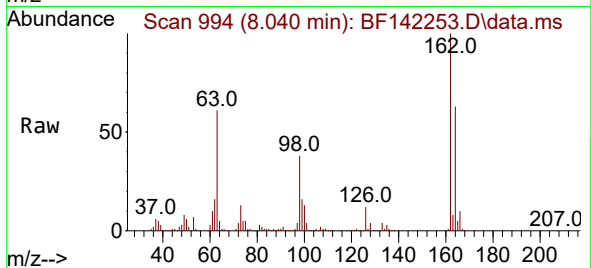
123 12.6 9.7 14.5





#29
2,4-Dichlorophenol
Concen: 43.259 ng
RT: 8.040 min Scan# 994
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

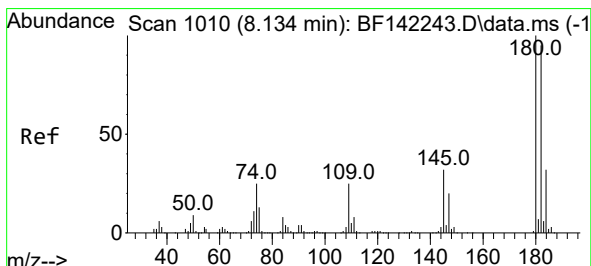
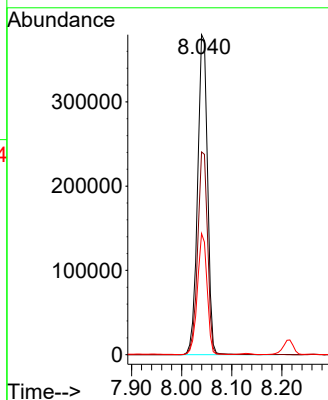
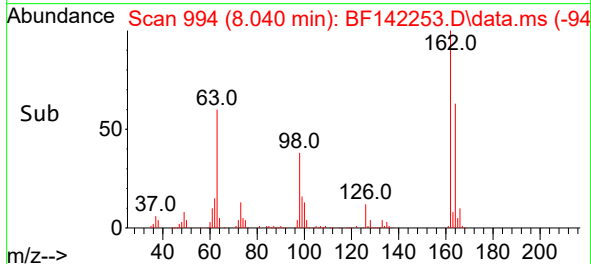
Instrument :
BNA_F
ClientSampleId :
PB167798BSD



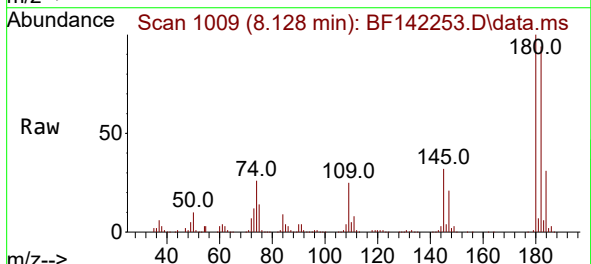
Tgt Ion:162 Resp: 52164
Ion Ratio Lower Upper
162 100
164 63.3 43.0 83.0
98 37.8 16.7 56.7

Manual Integrations
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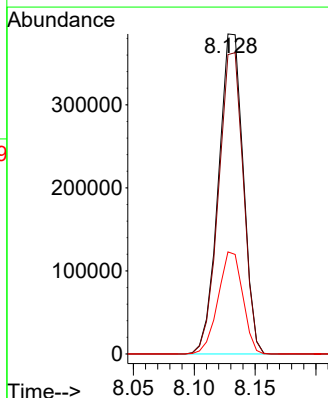
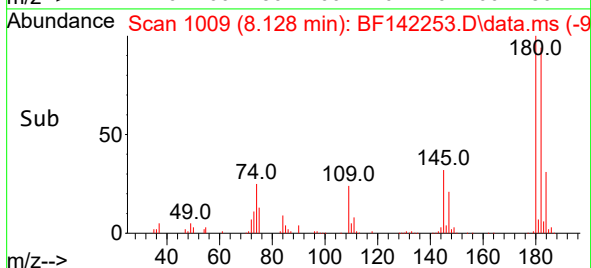
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

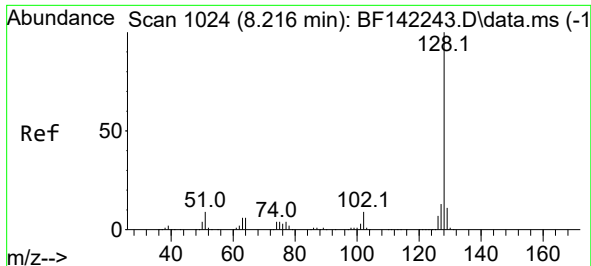


#30
1,2,4-Trichlorobenzene
Concen: 40.582 ng
RT: 8.128 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42



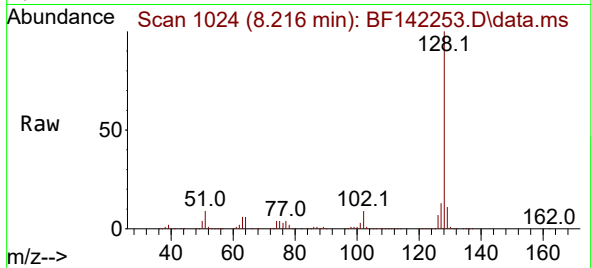
Tgt Ion:180 Resp: 546079
Ion Ratio Lower Upper
180 100
182 93.5 75.7 113.5
145 31.9 25.4 38.0





#31
Naphthalene
Concen: 39.820 ng
RT: 8.216 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

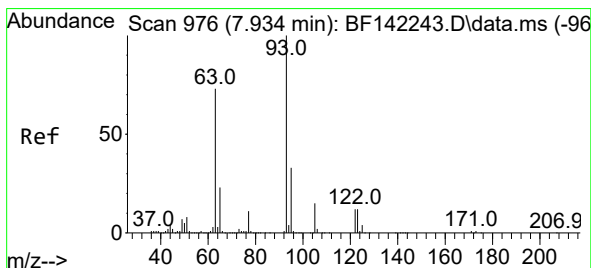
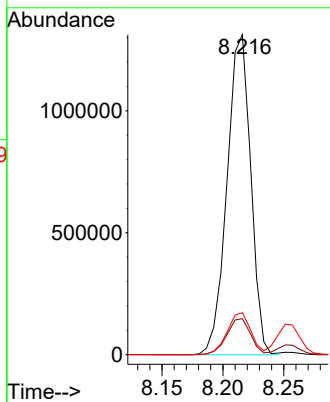
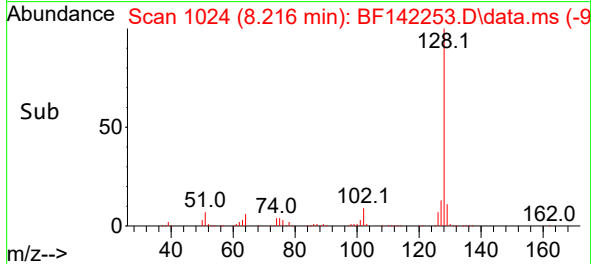
Instrument :
BNA_F
ClientSampleId :
PB167798BSD



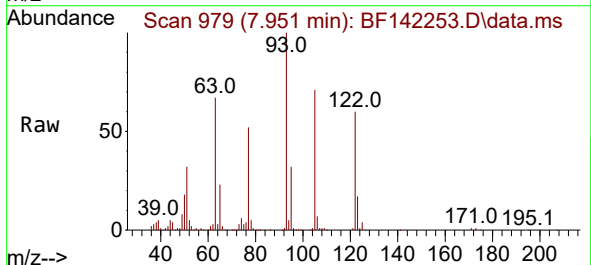
Tgt Ion:128 Resp: 177832
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.1 10.6 15.8

Manual Integrations
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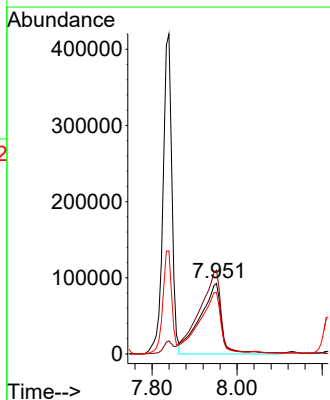
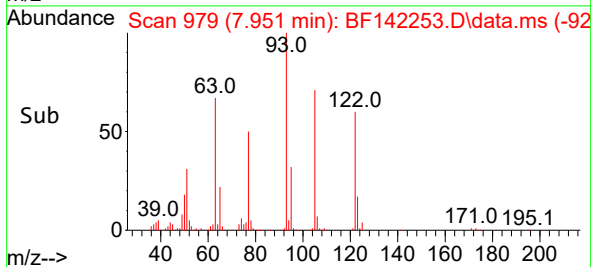
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

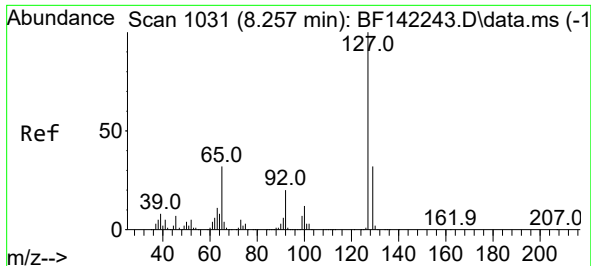


#32
Benzoic acid
Concen: 48.183 ng m
RT: 7.951 min Scan# 979
Delta R.T. 0.017 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42



Tgt Ion:122 Resp: 331051
Ion Ratio Lower Upper
122 100
105 118.7 98.2 138.2
77 87.4 66.8 106.8





#33
4-Chloroaniline
Concen: 9.036 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB167798BSD

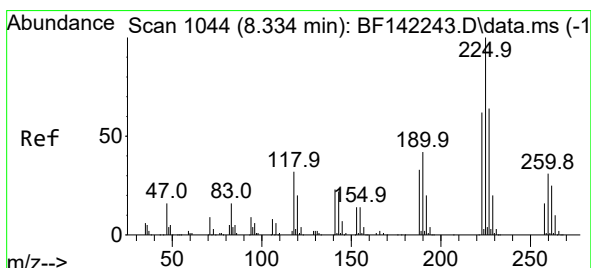
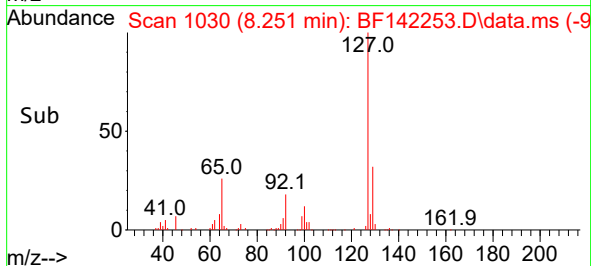
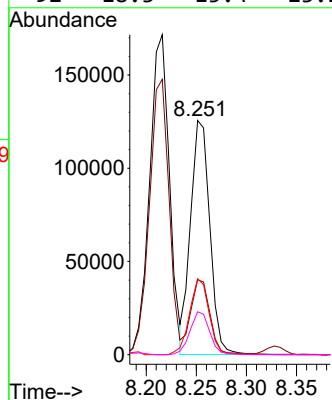
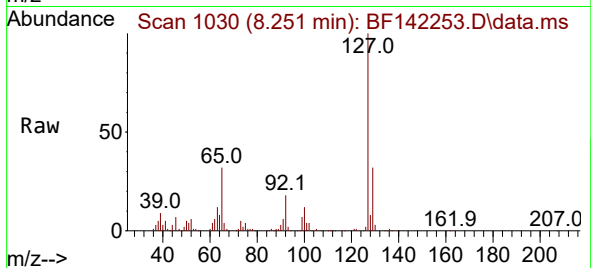
Tgt Ion:127 Resp: 168040
Ion Ratio Lower Upper
127 100
129 32.0 26.1 39.1
65 32.5 25.5 38.3
92 18.3 15.4 23.2

Manual Integrations

APPROVED

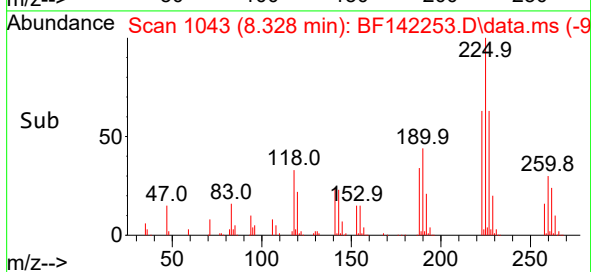
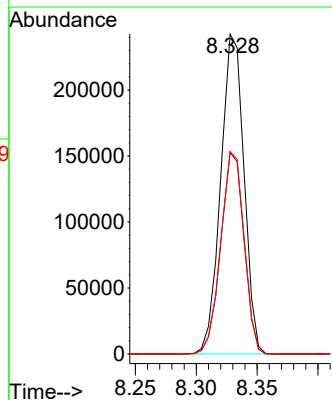
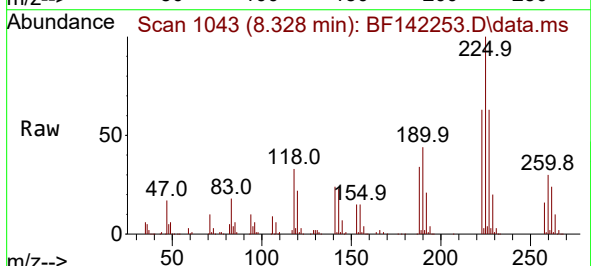
Reviewed By :Rahul Chavli 05/02/2025

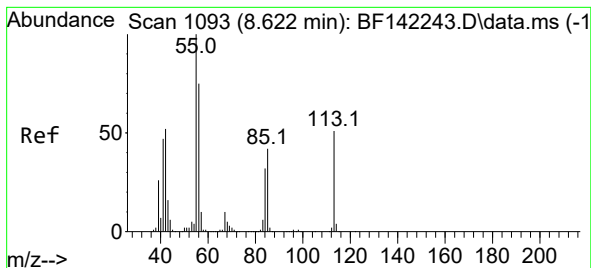
Supervised By :Jagrut Upadhyay 05/02/2025



#34
Hexachlorobutadiene
Concen: 41.113 ng
RT: 8.328 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

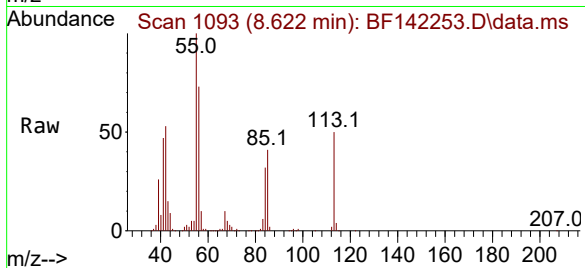
Tgt Ion:225 Resp: 322773
Ion Ratio Lower Upper
225 100
223 63.0 49.7 74.5
227 63.3 51.0 76.4





#35
Caprolactam
Concen: 46.407 ng m
RT: 8.622 min Scan# 1093
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

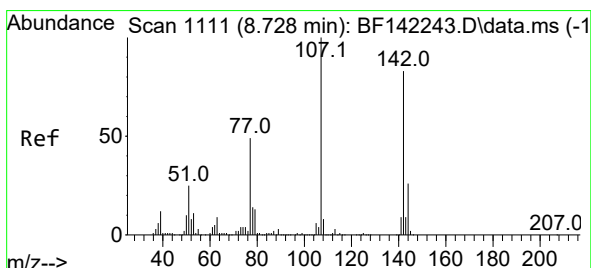
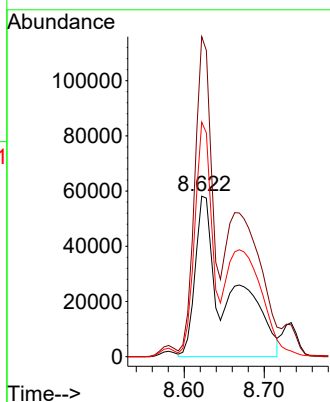
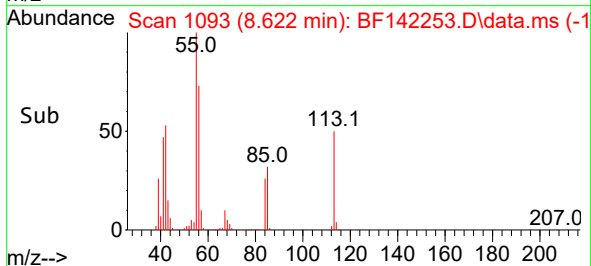
Instrument :
BNA_F
ClientSampleId :
PB167798BSD



Tgt Ion:113 Resp: 168204
Ion Ratio Lower Upper
113 100
55 199.5 177.7 217.7
56 146.2 127.1 167.1

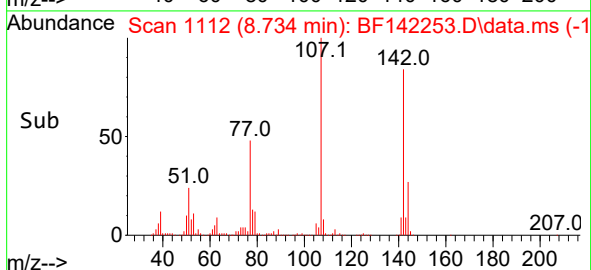
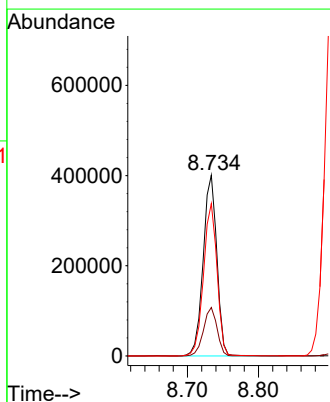
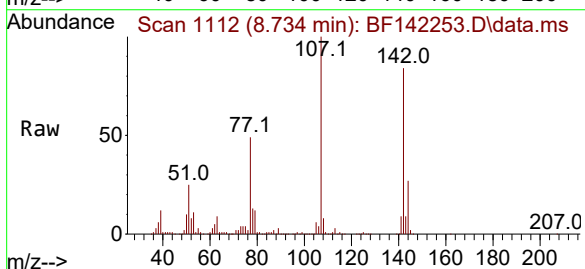
Manual Integrations
APPROVED

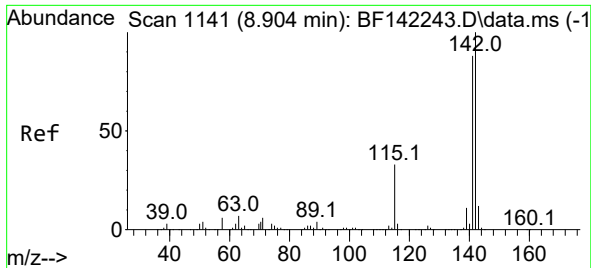
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025



#36
4-Chloro-3-methylphenol
Concen: 43.445 ng
RT: 8.734 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

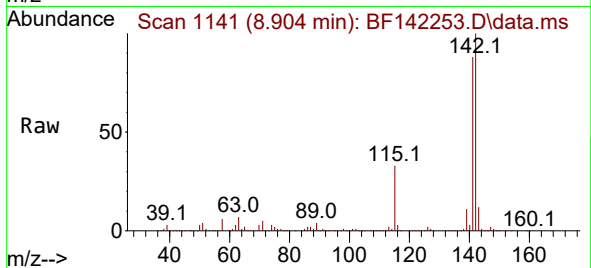
Tgt Ion:107 Resp: 537952
Ion Ratio Lower Upper
107 100
144 26.9 21.0 31.4
142 84.2 66.1 99.1





#37
2-Methylnaphthalene
Concen: 40.241 ng
RT: 8.904 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

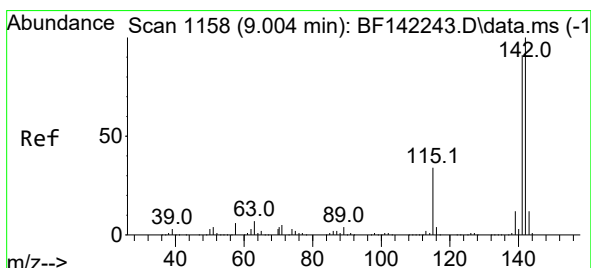
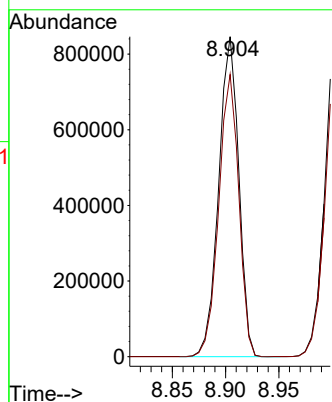
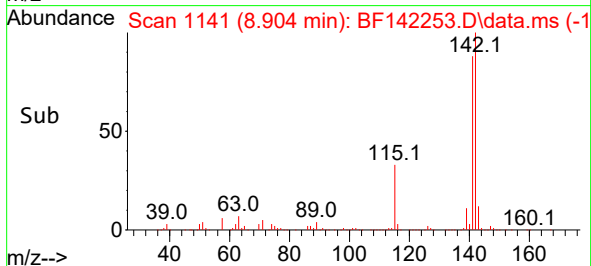
Instrument :
BNA_F
ClientSampleId :
PB167798BSD



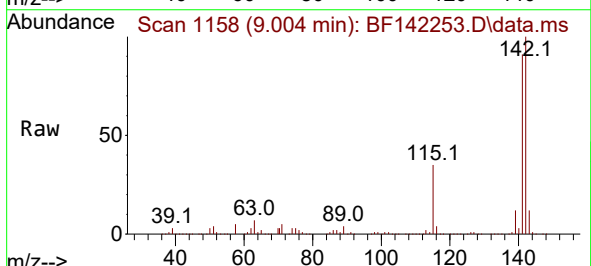
Tgt Ion:142 Resp: 1104930
Ion Ratio Lower Upper
142 100
141 88.2 70.5 105.7

Manual Integrations
APPROVED

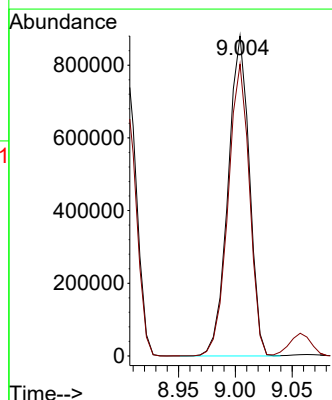
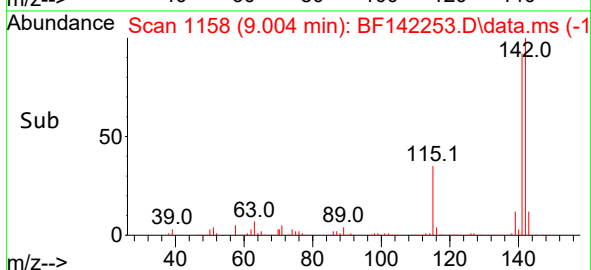
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

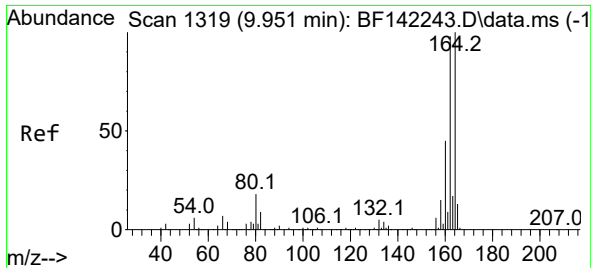


#38
1-Methylnaphthalene
Concen: 40.445 ng
RT: 9.004 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42



Tgt Ion:142 Resp: 1150453
Ion Ratio Lower Upper
142 100
141 91.2 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF142253.D

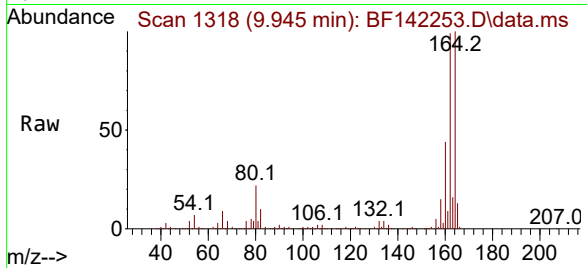
Acq: 01 May 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB167798BSD



Tgt Ion:164 Resp: 47203

Ion Ratio Lower Upper

164 100

162 99.0 78.6 117.8

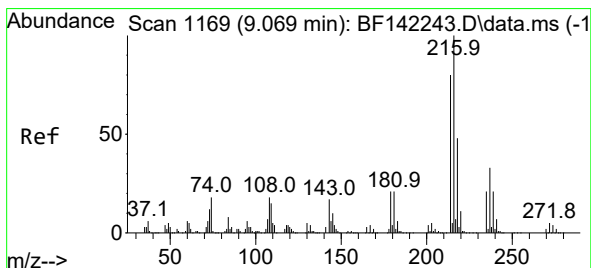
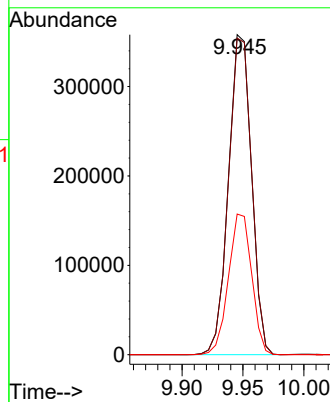
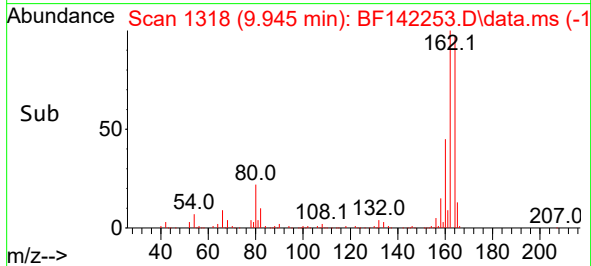
160 44.0 35.7 53.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/02/2025

Supervised By :Jagrut Upadhyay 05/02/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.515 ng

RT: 9.069 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF142253.D

Acq: 01 May 2025 11:42

Tgt Ion:216 Resp: 524934

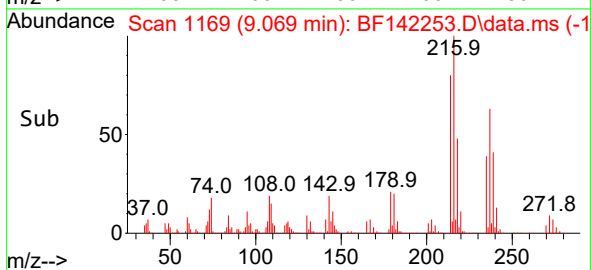
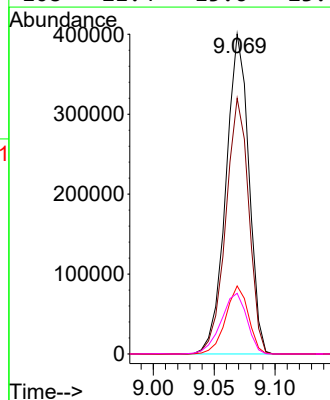
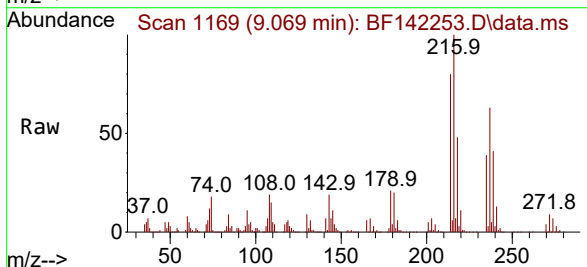
Ion Ratio Lower Upper

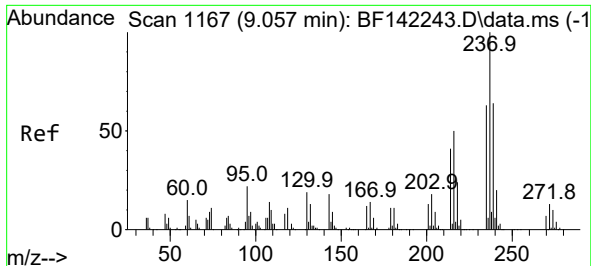
216 100

214 79.8 63.8 95.6

179 21.0 16.7 25.1

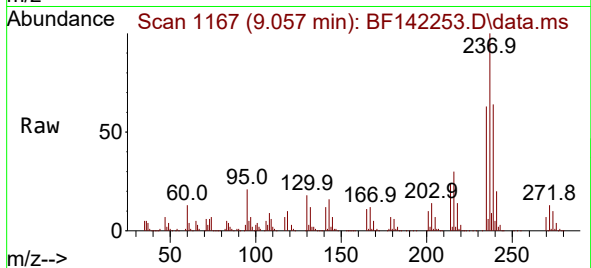
108 21.4 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 89.128 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

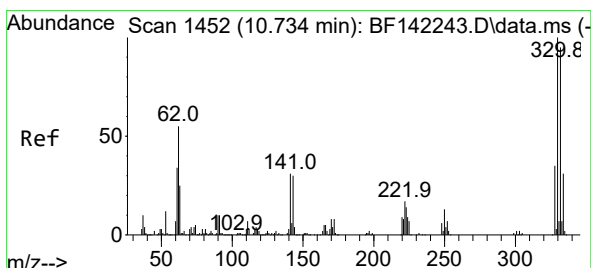
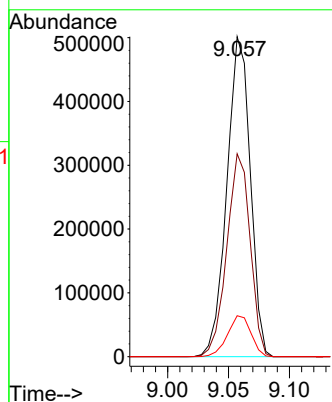
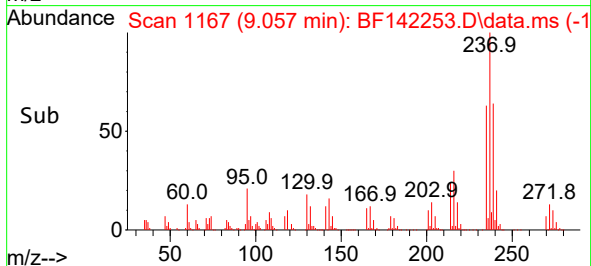
Instrument :
BNA_F
ClientSampleId :
PB167798BSD



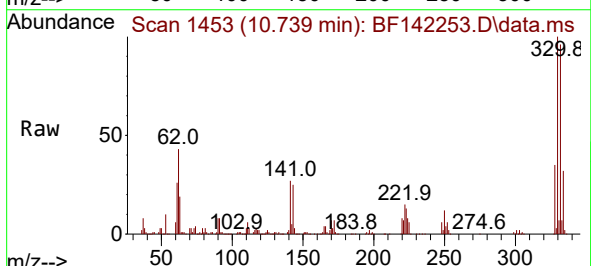
Tgt Ion:237 Resp: 671988
Ion Ratio Lower Upper
237 100
235 63.4 43.5 83.5
272 12.8 0.0 32.9

Manual Integrations
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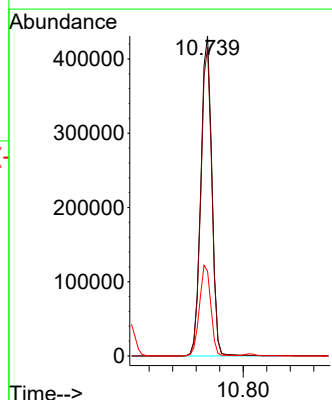
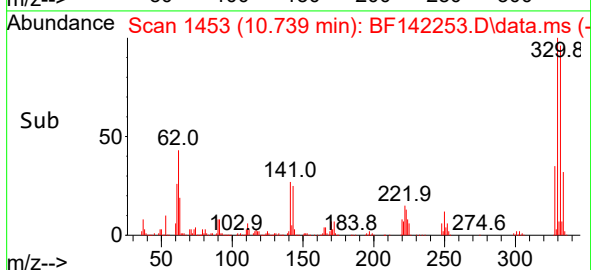
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

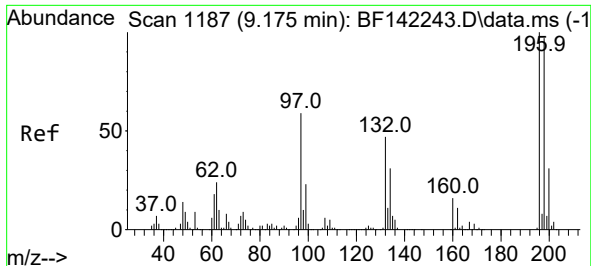


#42
2,4,6-Tribromophenol
Concen: 129.885 ng
RT: 10.739 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42



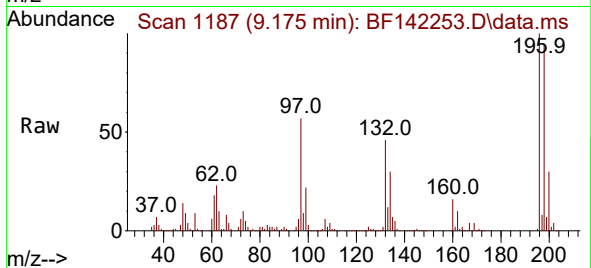
Tgt Ion:330 Resp: 558926
Ion Ratio Lower Upper
330 100
332 96.5 76.5 114.7
141 29.3 24.3 36.5





#43
2,4,6-Trichlorophenol
Concen: 45.244 ng
RT: 9.175 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

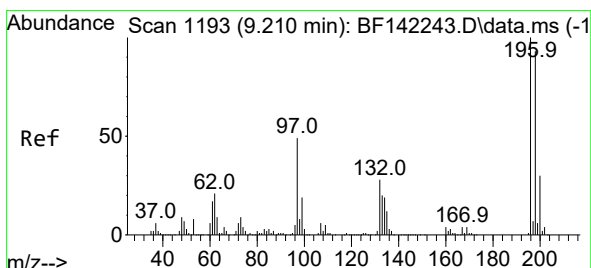
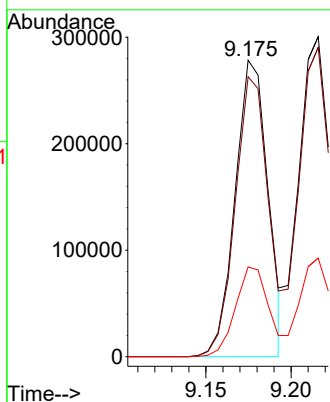
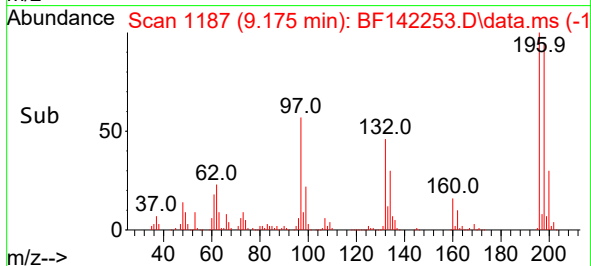
Instrument :
BNA_F
ClientSampleId :
PB167798BSD



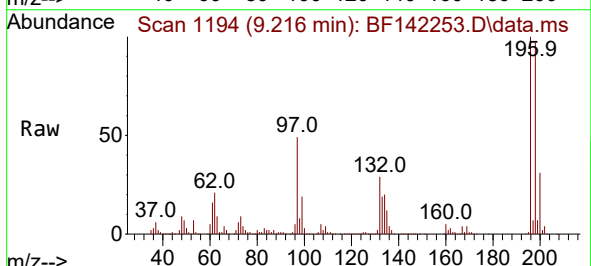
Tgt Ion:196 Resp: 372452
Ion Ratio Lower Upper
196 100
198 94.4 77.4 116.2
200 30.3 24.6 37.0

Manual Integrations
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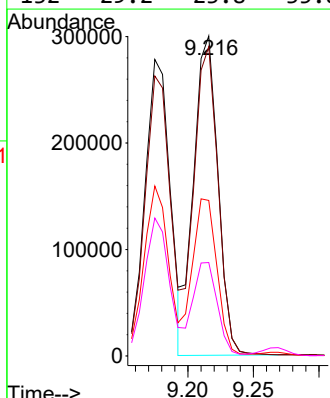
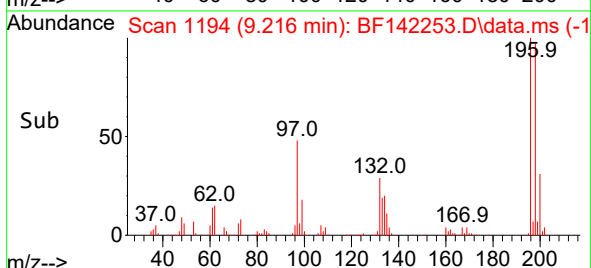
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

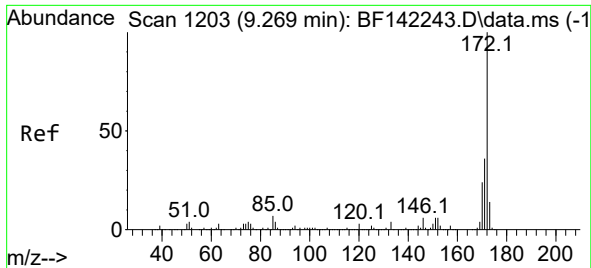


#44
2,4,5-Trichlorophenol
Concen: 44.810 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42



Tgt Ion:196 Resp: 387830
Ion Ratio Lower Upper
196 100
198 96.6 75.2 112.8
97 48.6 39.8 59.8
132 29.2 23.8 35.8





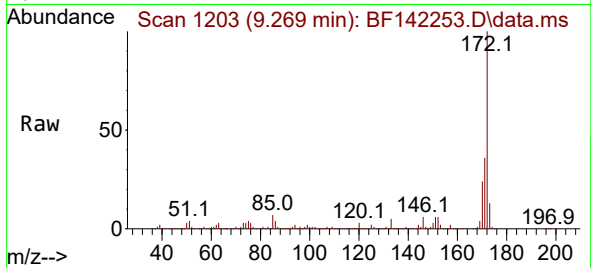
#45
2-Fluorobiphenyl
Concen: 68.240 ng
RT: 9.269 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB167798BSD

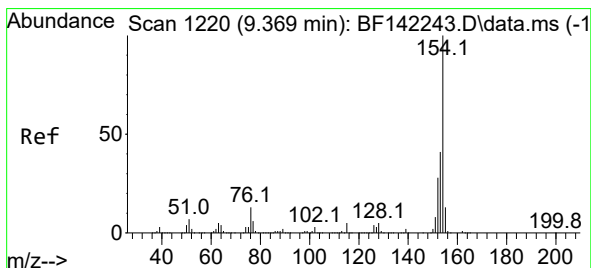
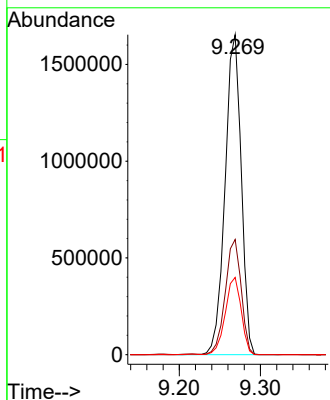
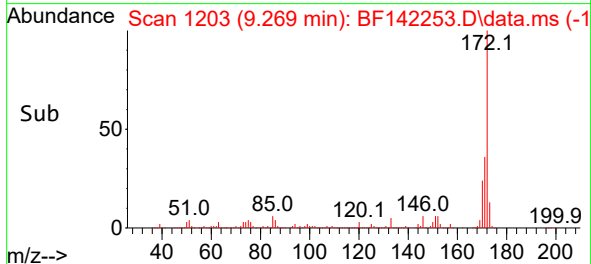


Tgt Ion:172 Resp: 2284570
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.4
170 24.2 19.4 29.0

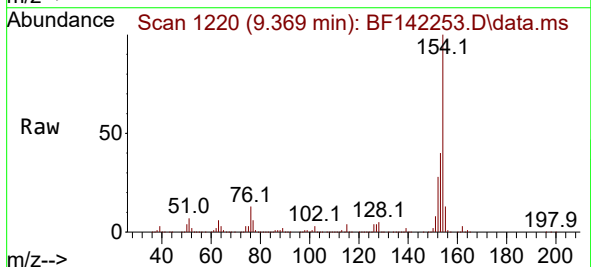
Manual Integrations

APPROVED

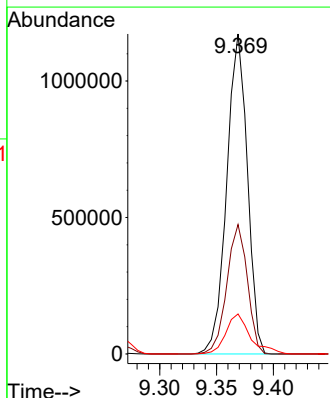
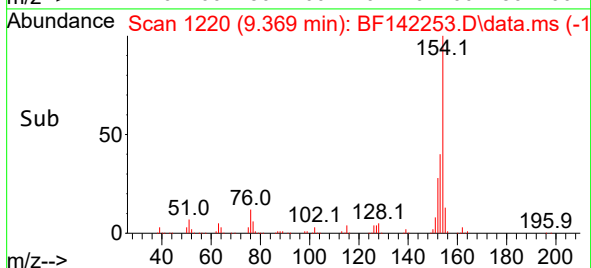
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

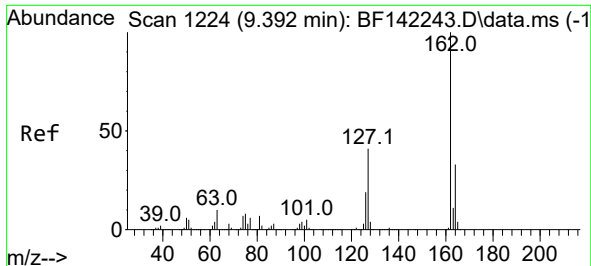


#46
1,1'-Biphenyl
Concen: 40.340 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42



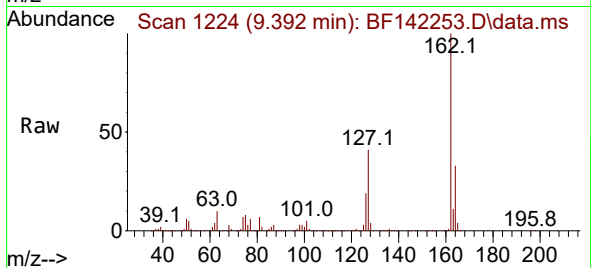
Tgt Ion:154 Resp: 1480347
Ion Ratio Lower Upper
154 100
153 40.5 20.5 60.5
76 12.5 0.0 32.8





#47
2-Chloronaphthalene
Concen: 40.476 ng
RT: 9.392 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

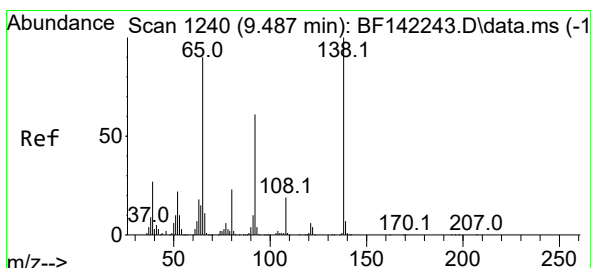
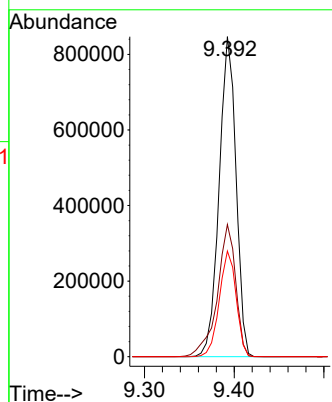
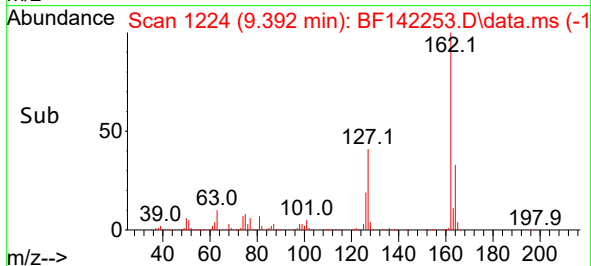
Instrument :
BNA_F
ClientSampleId :
PB167798BSD



Tgt Ion:162 Resp: 110508
Ion Ratio Lower Upper
162 100
127 41.3 32.6 49.0
164 33.0 26.1 39.1

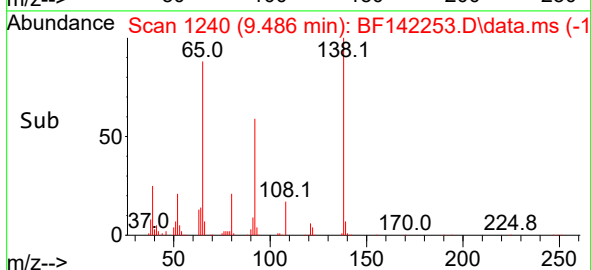
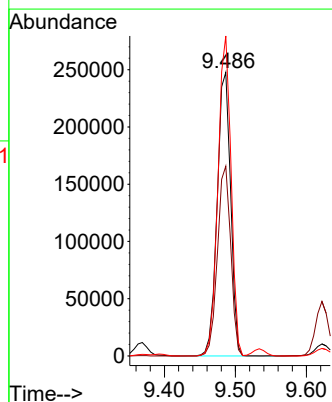
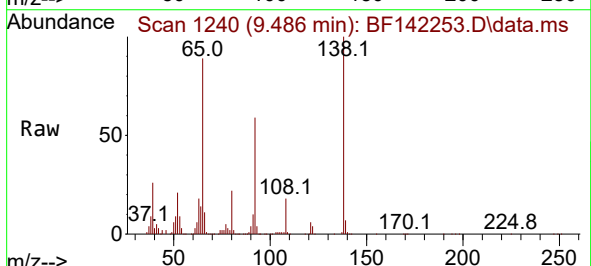
Manual Integrations
APPROVED

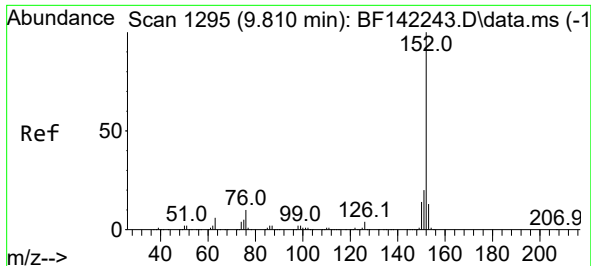
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025



#48
2-Nitroaniline
Concen: 45.363 ng
RT: 9.486 min Scan# 1240
Delta R.T. -0.001 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

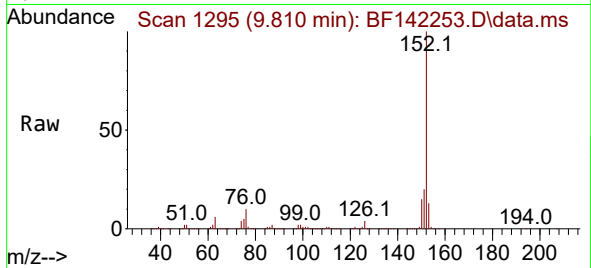
Tgt Ion: 65 Resp: 324508
Ion Ratio Lower Upper
65 100
92 66.9 54.3 81.5
138 112.9 88.6 133.0





#49
Acenaphthylene
Concen: 40.794 ng
RT: 9.810 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

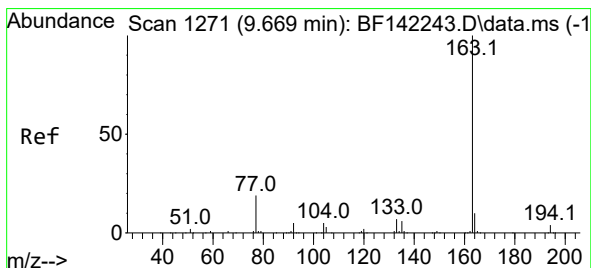
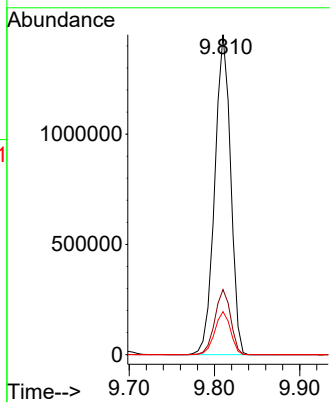
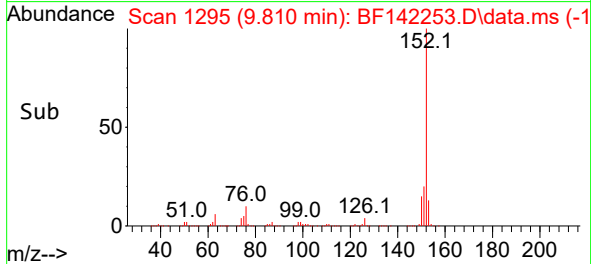
Instrument :
BNA_F
ClientSampleId :
PB167798BSD



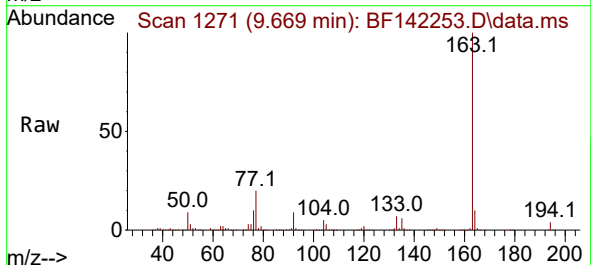
Tgt Ion:152 Resp: 187945
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 13.4 10.7 16.1

Manual Integrations
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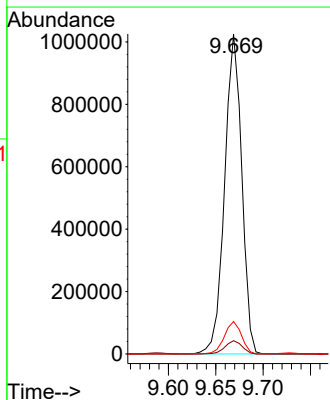
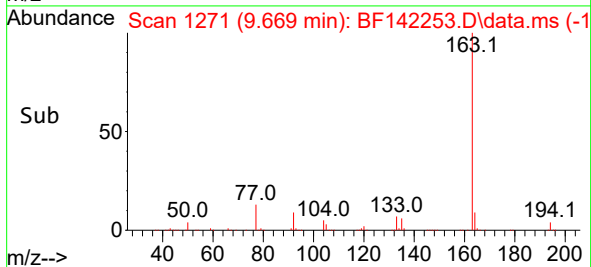
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

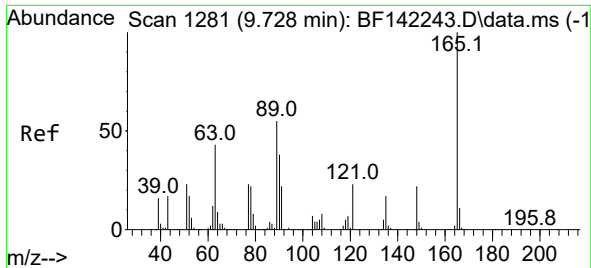


#50
Dimethylphthalate
Concen: 42.733 ng
RT: 9.669 min Scan# 1271
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42



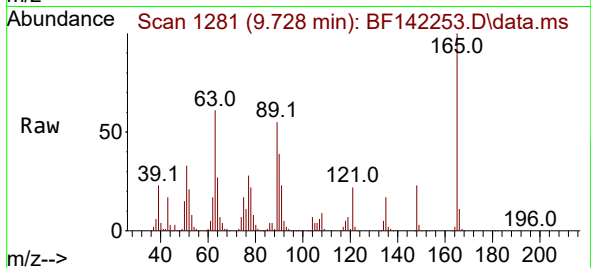
Tgt Ion:163 Resp: 1290455
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 45.558 ng
RT: 9.728 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

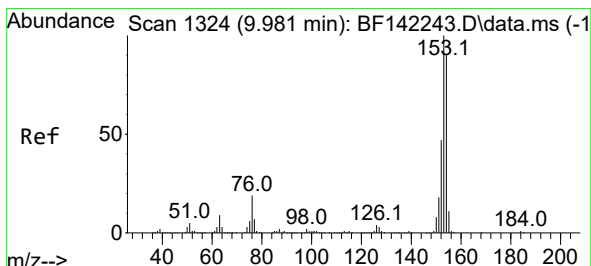
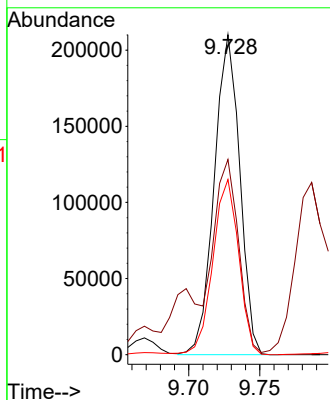
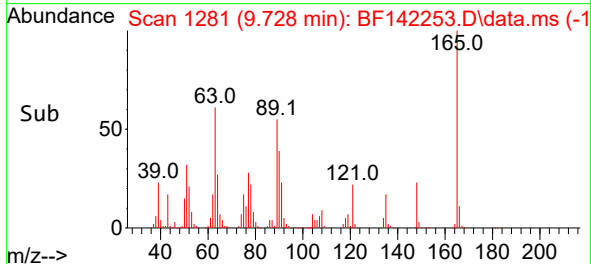
Instrument :
BNA_F
ClientSampleId :
PB167798BSD



Tgt Ion:165 Resp: 26258
Ion Ratio Lower Upper
165 100
63 61.0 48.5 72.7
89 54.8 43.9 65.9

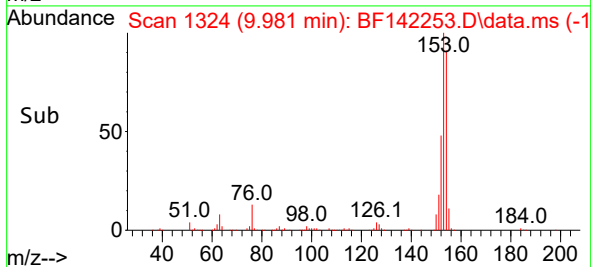
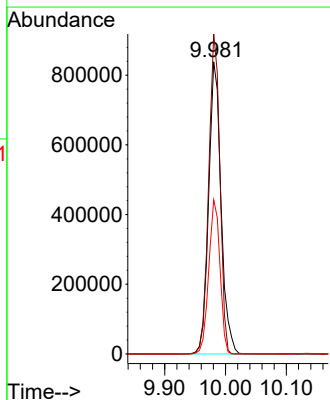
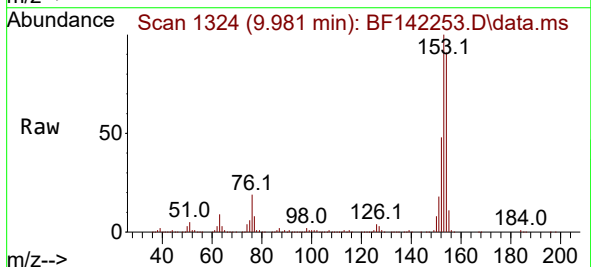
Manual Integrations
APPROVED

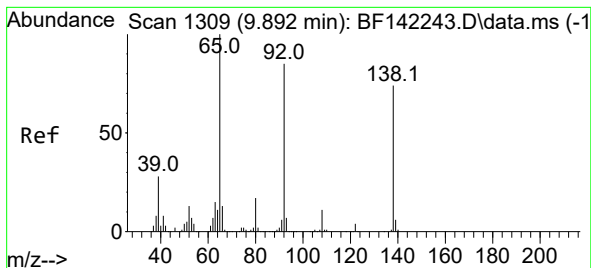
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025



#52
Acenaphthene
Concen: 44.012 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

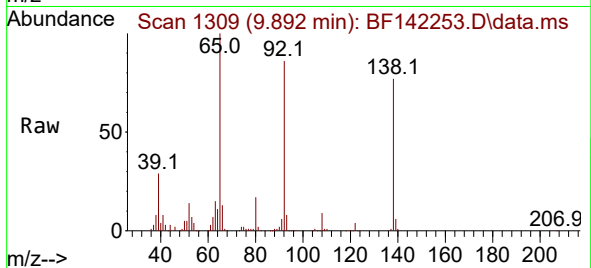
Tgt Ion:154 Resp: 1183957
Ion Ratio Lower Upper
154 100
153 109.6 88.6 133.0
152 52.8 42.1 63.1





#53
3-Nitroaniline
Concen: 22.378 ng
RT: 9.892 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

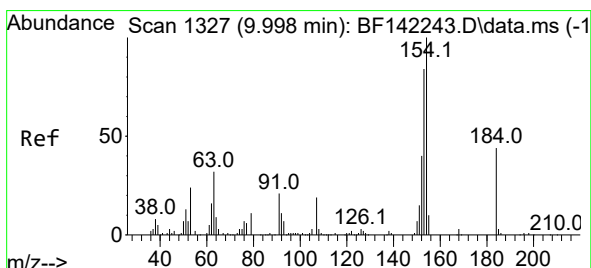
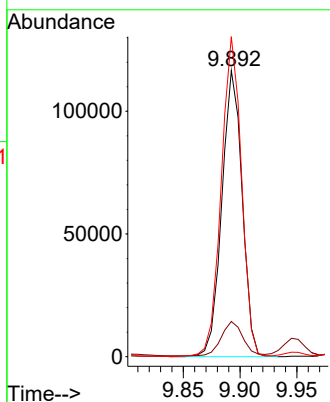
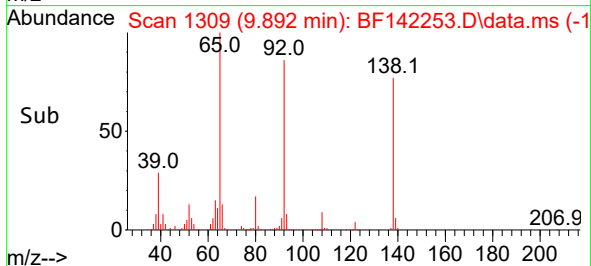
Instrument :
BNA_F
ClientSampleId :
PB167798BSD



Tgt Ion:138 Resp: 144830
Ion Ratio Lower Upper
138 100
108 12.3 11.7 17.5
92 111.8 91.2 136.8

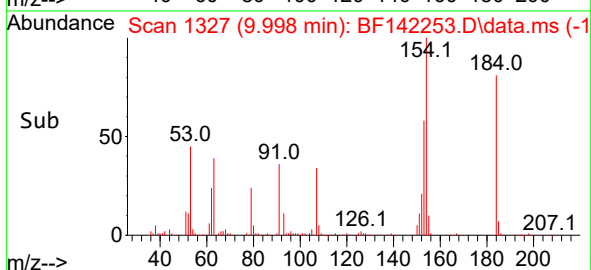
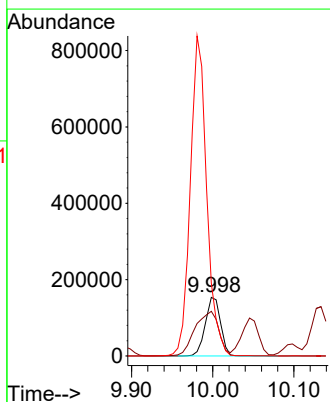
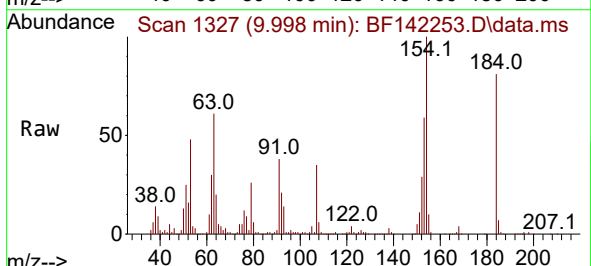
Manual Integrations
APPROVED

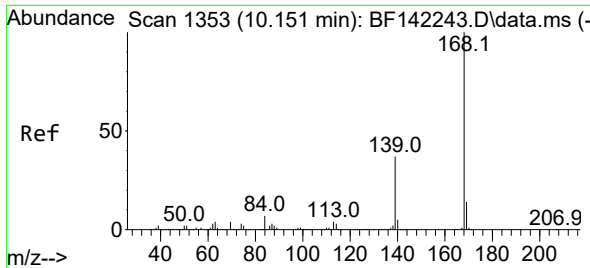
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025



#54
2,4-Dinitrophenol
Concen: 91.584 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

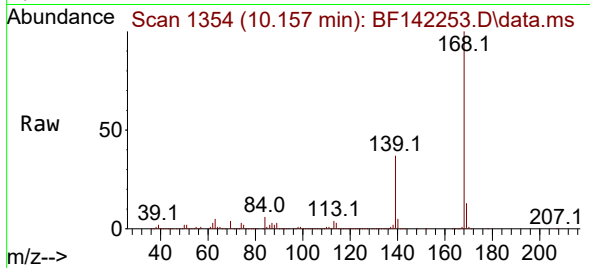
Tgt Ion:184 Resp: 199878
Ion Ratio Lower Upper
184 100
63 76.1 69.2 103.8
154 124.0 271.4 407.2#





#55
Dibenzenofuran
Concen: 40.663 ng
RT: 10.157 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

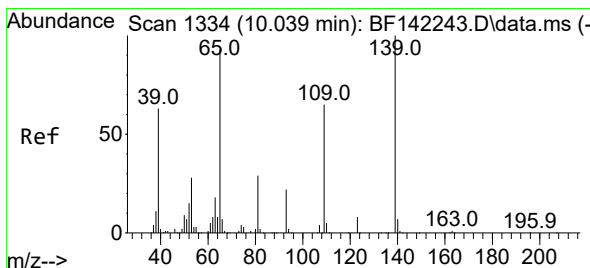
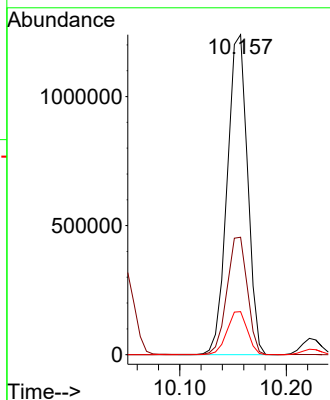
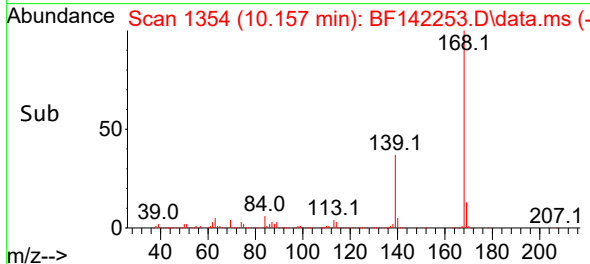
Instrument :
BNA_F
ClientSampleId :
PB167798BSD



Tgt Ion:168 Resp: 1639725
Ion Ratio Lower Upper
168 100
139 36.7 29.4 44.0
169 13.4 11.0 16.4

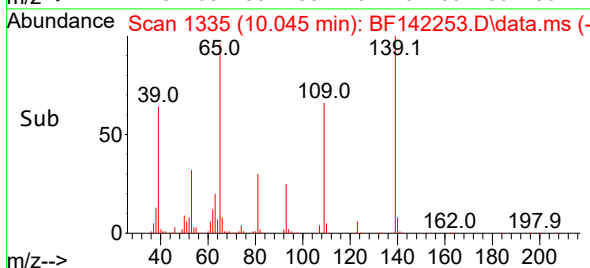
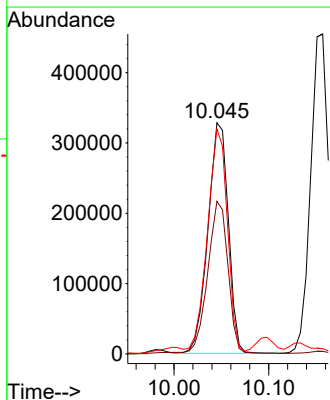
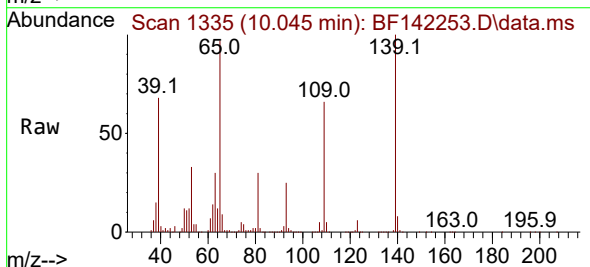
Manual Integrations
APPROVED

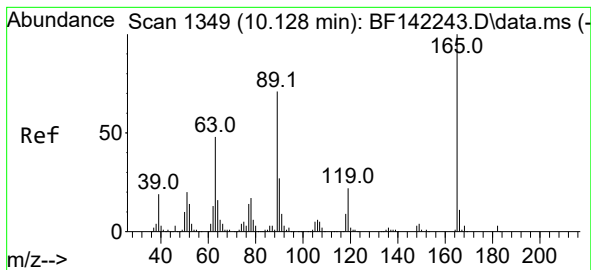
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025



#56
4-Nitrophenol
Concen: 103.057 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

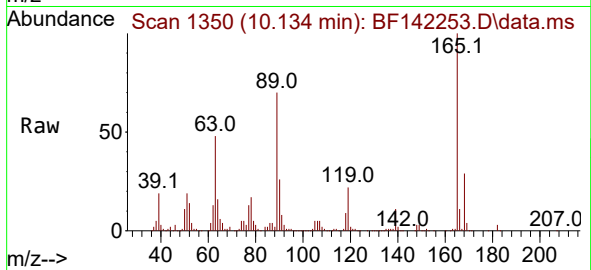
Tgt Ion:139 Resp: 489174
Ion Ratio Lower Upper
139 100
109 66.0 44.9 84.9
65 97.3 74.7 114.7





#57
2,4-Dinitrotoluene
Concen: 49.318 ng
RT: 10.134 min Scan# 11
Delta R.T. 0.005 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

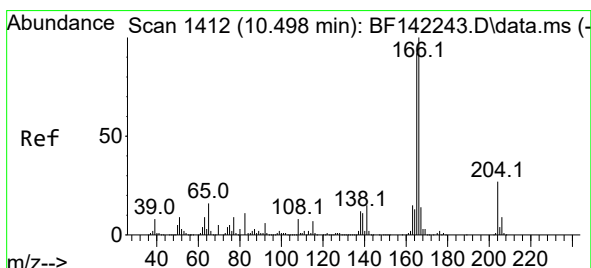
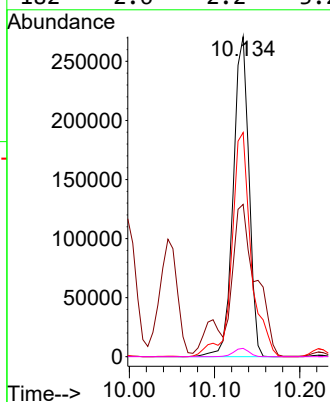
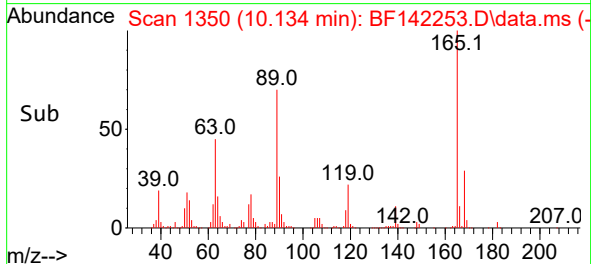
Instrument :
BNA_F
ClientSampleId :
PB167798BSD



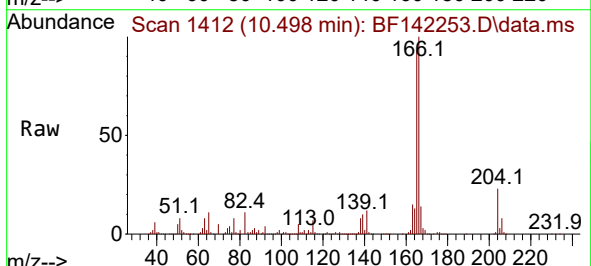
Tgt Ion:165 Resp: 34688
Ion Ratio Lower Upper
165 100
63 47.6 38.8 58.2
89 70.1 57.1 85.7
182 2.6 2.2 3.2

Manual Integrations
APPROVED

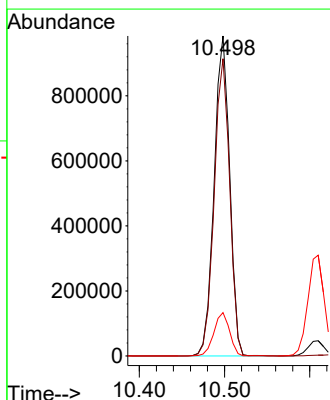
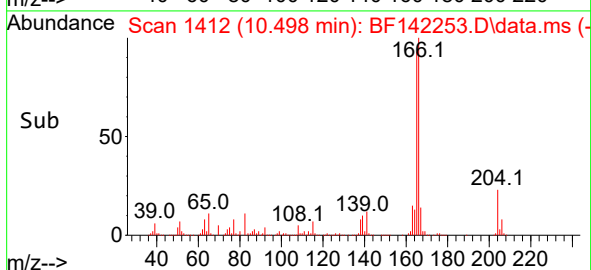
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

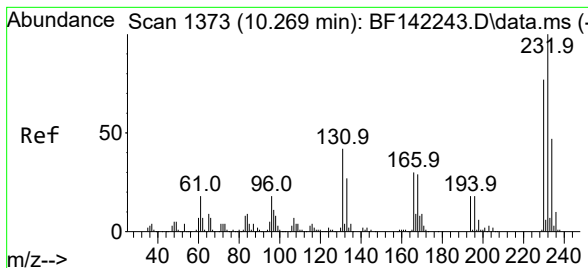


#58
Fluorene
Concen: 40.708 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42



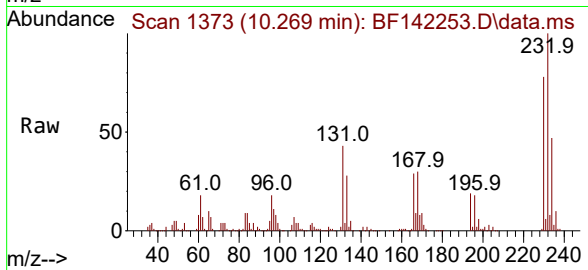
Tgt Ion:166 Resp: 1248146
Ion Ratio Lower Upper
166 100
165 92.9 73.9 110.9
167 13.6 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.189 ng
RT: 10.269 min Scan# 1373
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

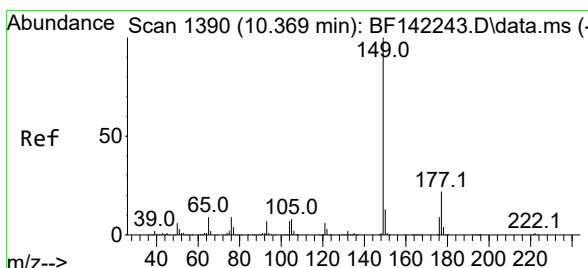
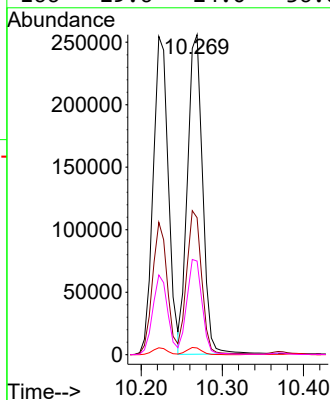
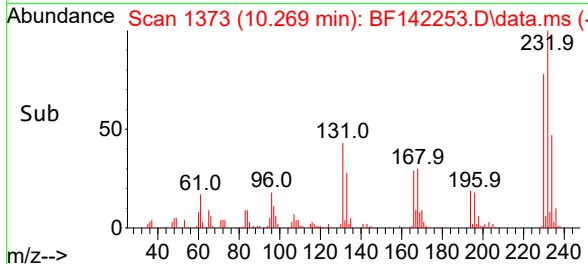
Instrument :
BNA_F
ClientSampleId :
PB167798BSD



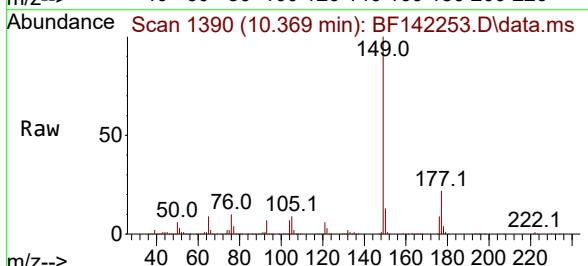
Tgt Ion:232 Resp: 331140
Ion Ratio Lower Upper
232 100
131 45.0 35.9 53.9
130 2.3 1.8 2.6
166 29.6 24.0 36.0

Manual Integrations
APPROVED

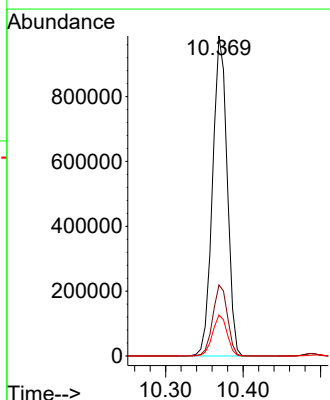
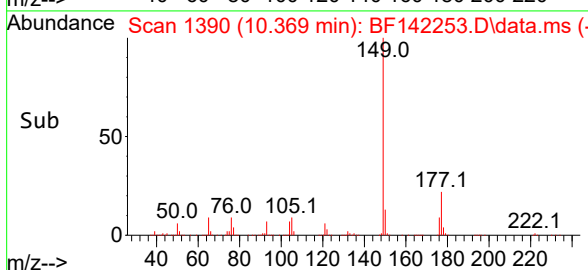
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

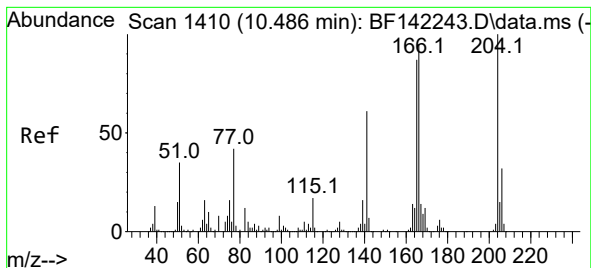


#60
Diethylphthalate
Concen: 43.172 ng
RT: 10.369 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42



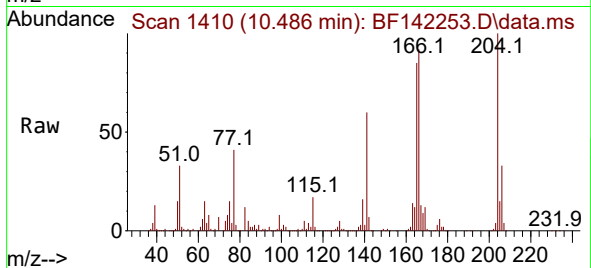
Tgt Ion:149 Resp: 1287411
Ion Ratio Lower Upper
149 100
177 22.2 17.6 26.4
150 12.8 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 41.309 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

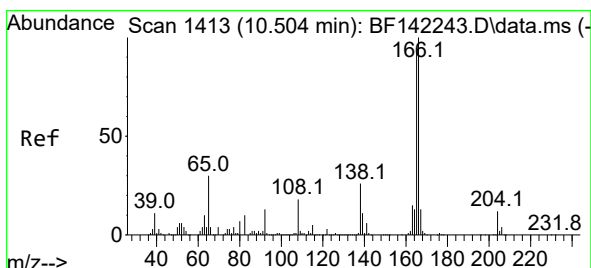
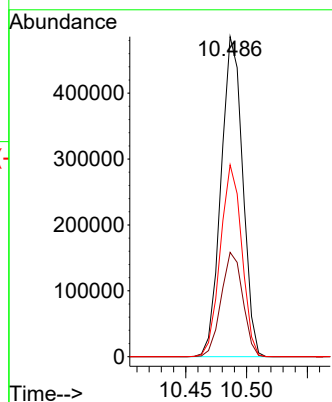
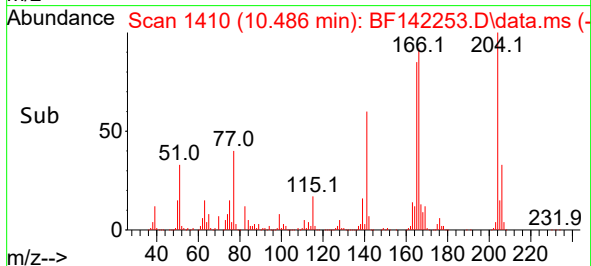
Instrument :
BNA_F
ClientSampleId :
PB167798BSD



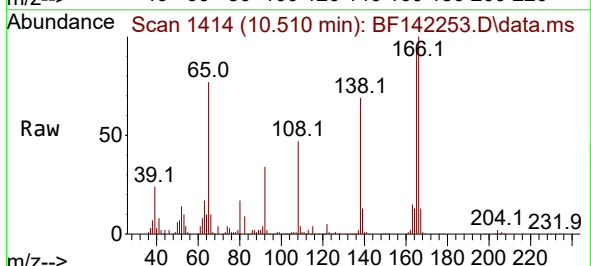
Tgt Ion:204 Resp: 601502
Ion Ratio Lower Upper
204 100
206 32.6 25.6 38.4
141 60.0 48.9 73.3

Manual Integrations
APPROVED

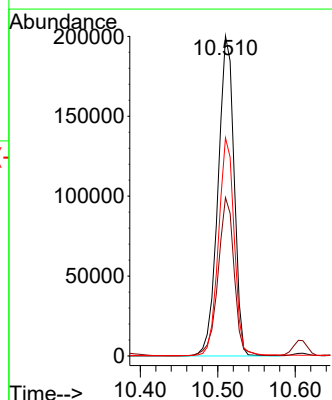
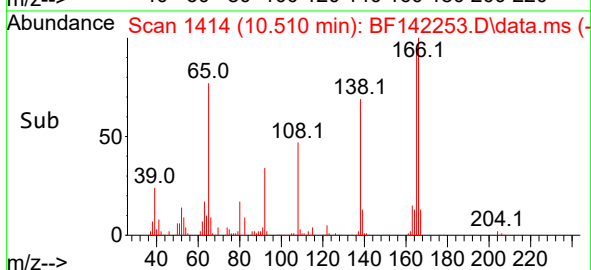
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

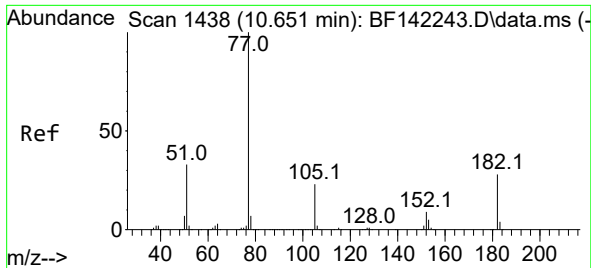


#62
4-Nitroaniline
Concen: 45.282 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42



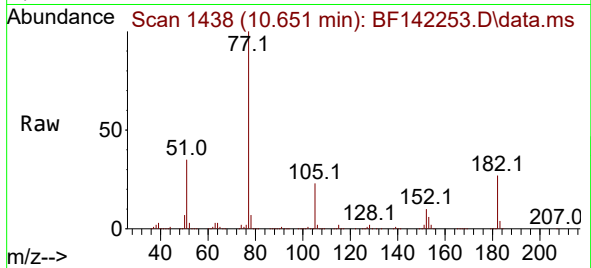
Tgt Ion:138 Resp: 288950
Ion Ratio Lower Upper
138 100
92 49.5 29.2 69.2
108 68.1 49.1 89.1





#63
Azobenzene
Concen: 41.902 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

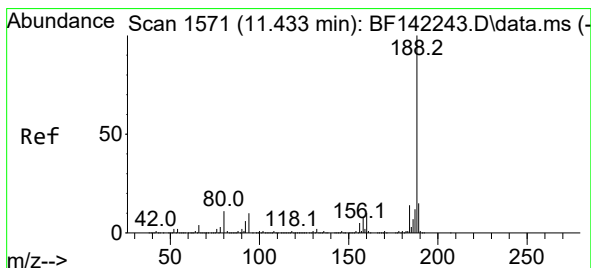
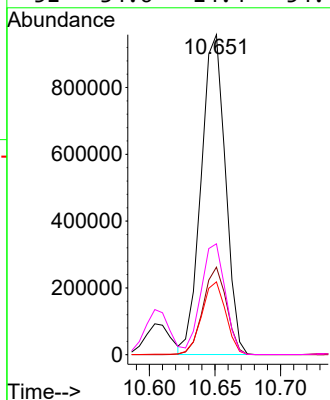
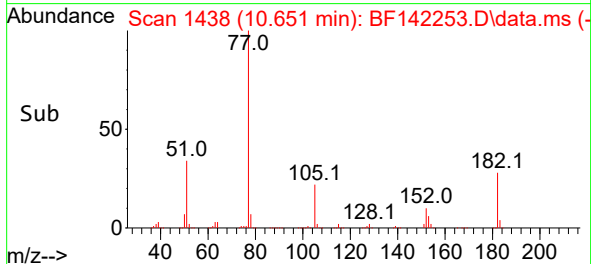
Instrument :
BNA_F
ClientSampleId :
PB167798BSD



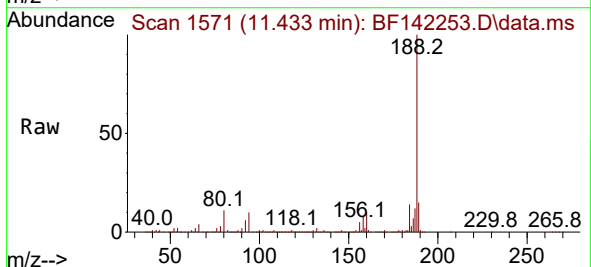
Tgt Ion: 77 Resp: 1233889
Ion Ratio Lower Upper
77 100
182 27.4 7.3 47.3
105 22.8 2.5 42.5
51 34.6 14.4 54.4

Manual Integrations
APPROVED

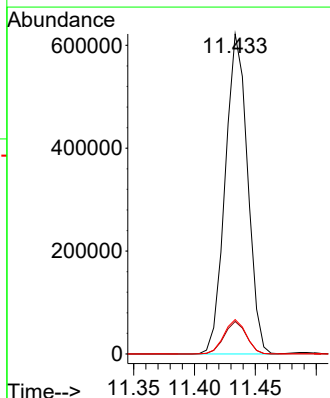
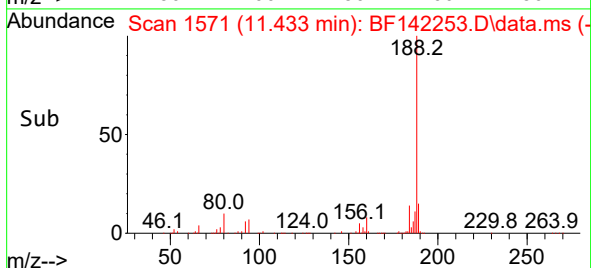
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

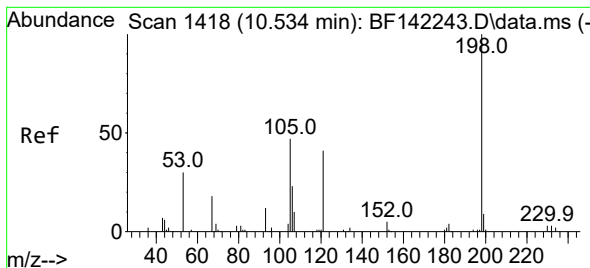


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42



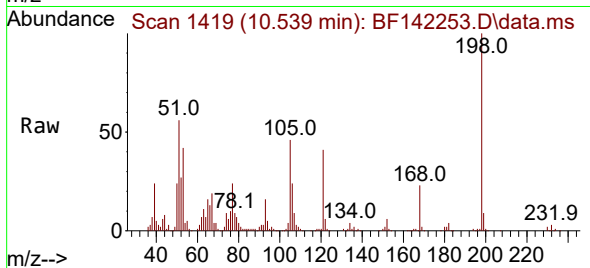
Tgt Ion:188 Resp: 796412
Ion Ratio Lower Upper
188 100
94 10.1 8.2 12.2
80 10.8 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 48.731 ng
RT: 10.539 min Scan# 1418
Delta R.T. 0.005 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

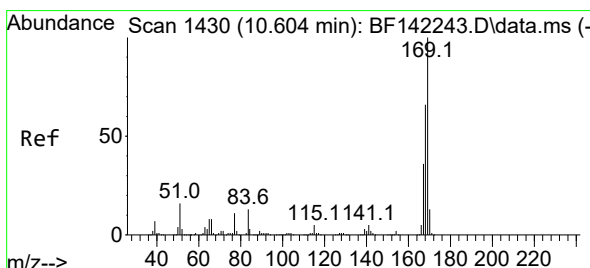
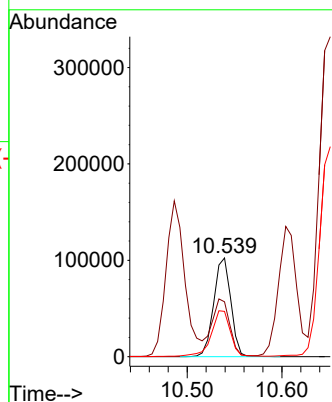
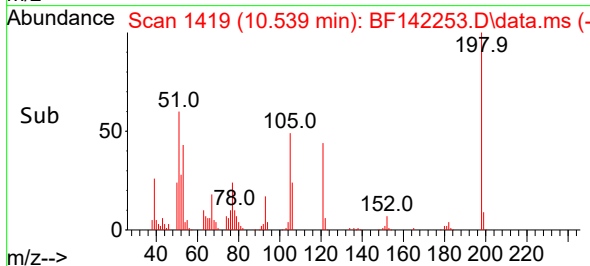
Instrument :
BNA_F
ClientSampleId :
PB167798BSD



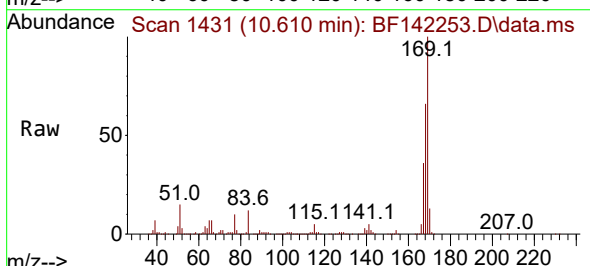
Tgt Ion:198 Resp: 12838
Ion Ratio Lower Upper
198 100
51 55.7 40.6 80.6
105 45.8 29.2 69.2

Manual Integrations
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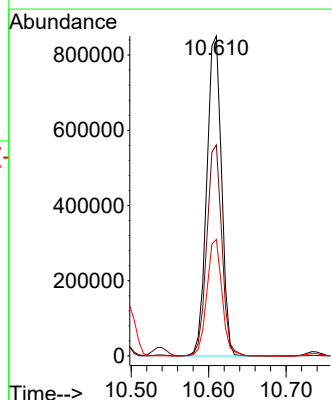
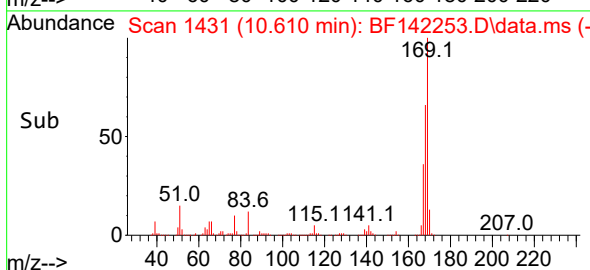
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

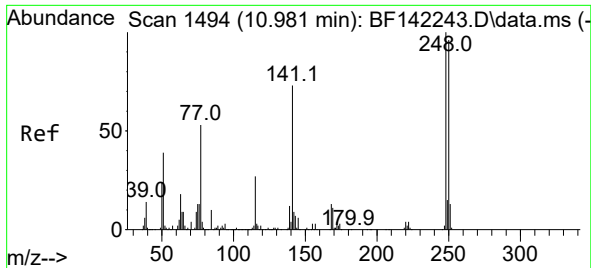


#66
n-Nitrosodiphenylamine
Concen: 41.318 ng
RT: 10.610 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42



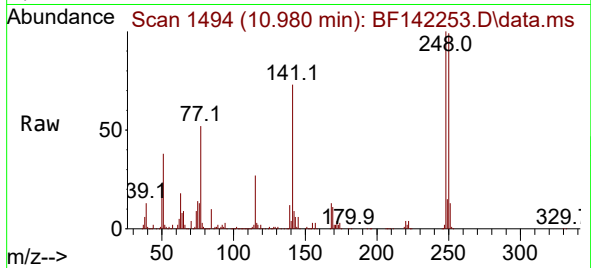
Tgt Ion:169 Resp: 1124320
Ion Ratio Lower Upper
169 100
168 66.0 53.0 79.6
167 36.4 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 42.436 ng
RT: 10.980 min Scan# 1494
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

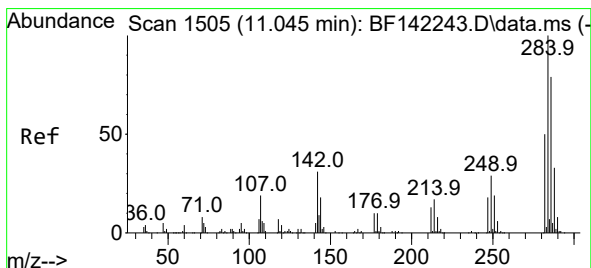
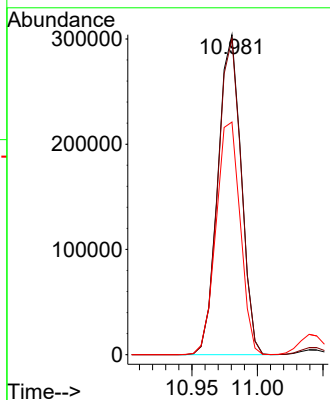
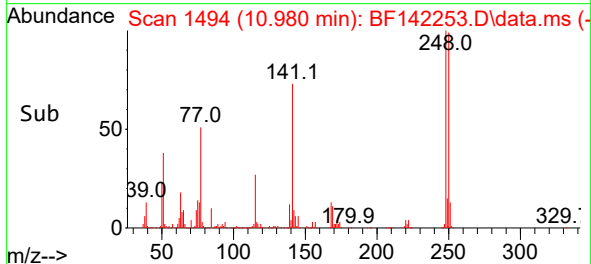
Instrument :
BNA_F
ClientSampleId :
PB167798BSD



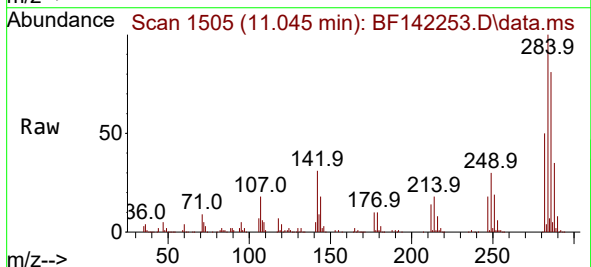
Tgt Ion:248 Resp: 376385
Ion Ratio Lower Upper
248 100
250 98.7 77.2 115.8
141 72.7 58.4 87.6

Manual Integrations
APPROVED

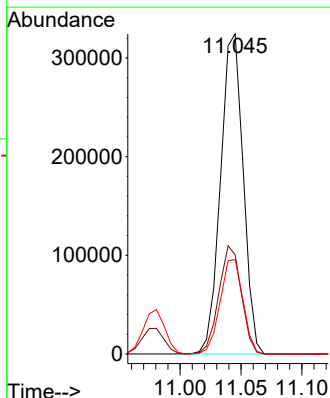
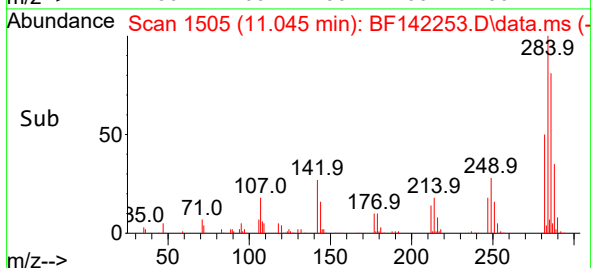
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

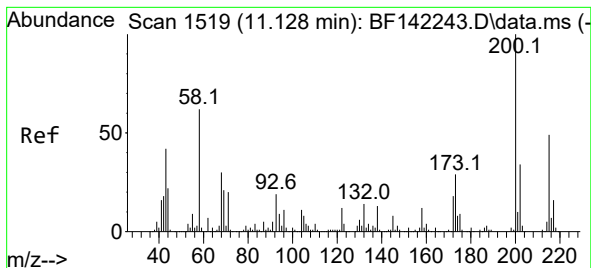


#68
Hexachlorobenzene
Concen: 42.212 ng
RT: 11.045 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42



Tgt Ion:284 Resp: 419316
Ion Ratio Lower Upper
284 100
142 31.0 24.6 37.0
249 29.5 23.2 34.8





#69

Atrazine

Concen: 47.058 ng

RT: 11.133 min Scan# 1519

Delta R.T. 0.006 min

Lab File: BF142253.D

Acq: 01 May 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB167798BSD

Tgt Ion:200 Resp: 33753

Ion Ratio Lower Upper

200 100

173 28.0 8.6 48.6

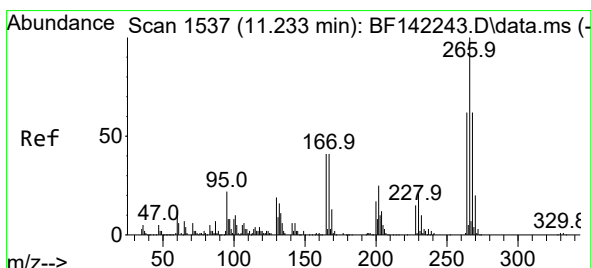
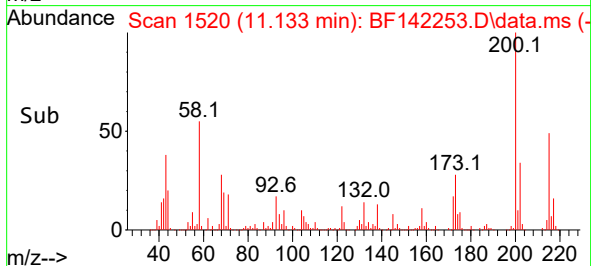
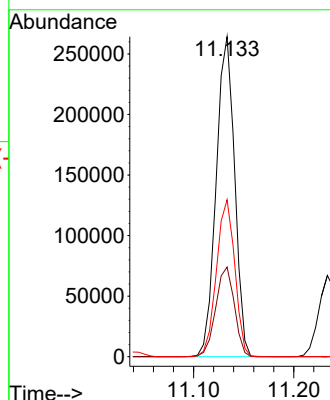
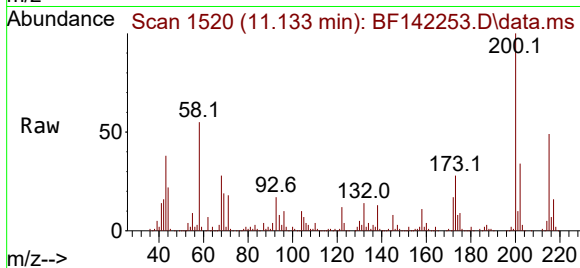
215 49.0 28.5 68.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/02/2025

Supervised By :Jagrut Upadhyay 05/02/2025



#70

Pentachlorophenol

Concen: 94.688 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142253.D

Acq: 01 May 2025 11:42

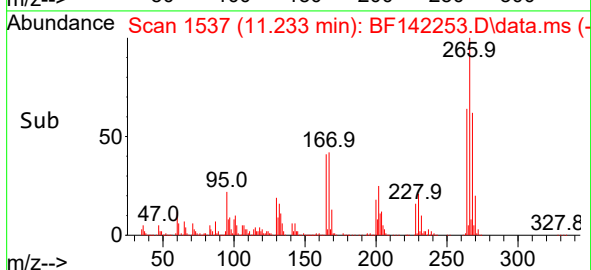
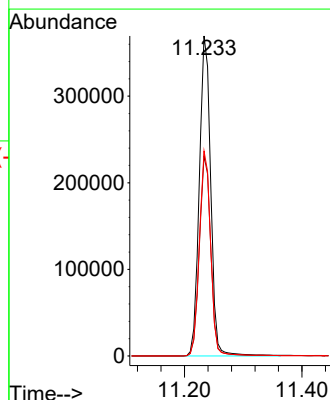
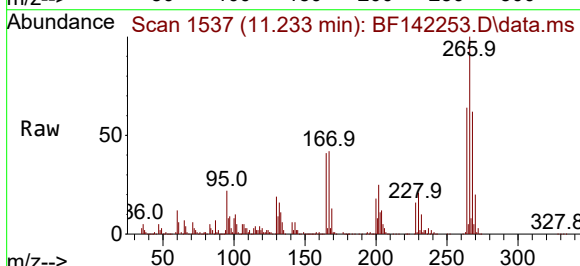
Tgt Ion:266 Resp: 496901

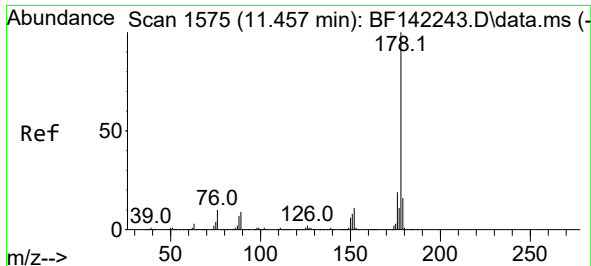
Ion Ratio Lower Upper

266 100

268 62.5 50.0 75.0

264 64.1 49.3 73.9





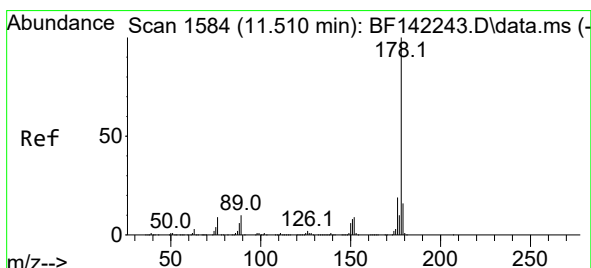
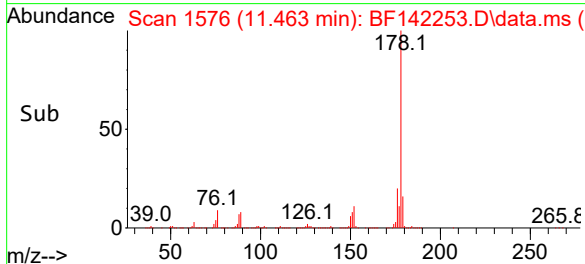
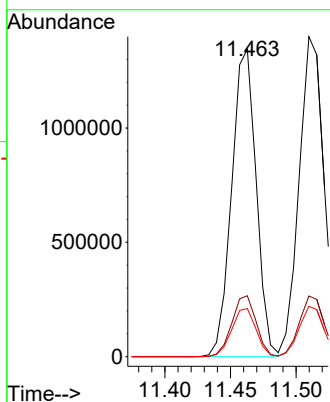
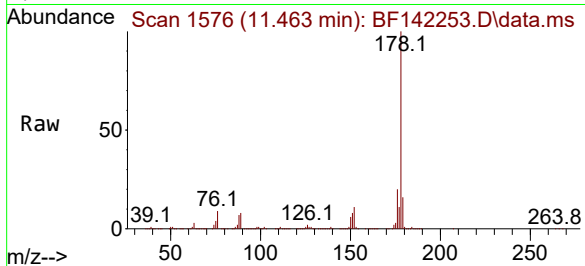
#71
Phenanthrene
Concen: 40.693 ng
RT: 11.463 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Instrument :
BNA_F
ClientSampleId :
PB167798BSD

Tgt Ion:178 Resp: 1750559
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 15.7 12.6 19.0

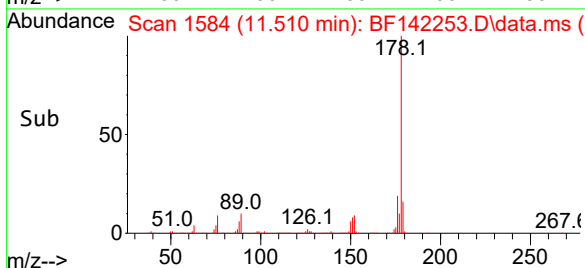
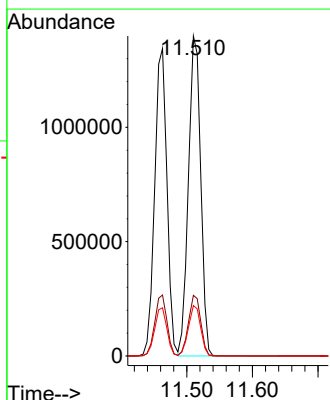
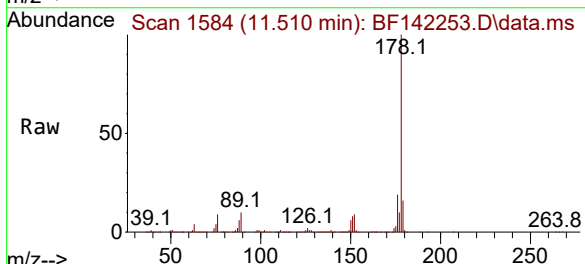
Manual Integrations
APPROVED

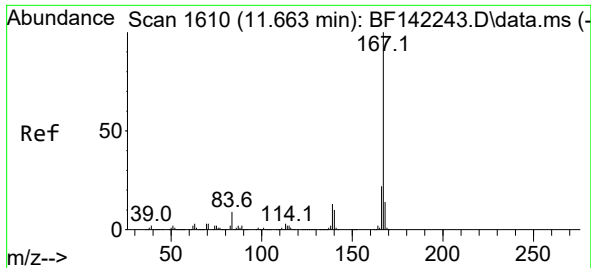
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025



#72
Anthracene
Concen: 41.306 ng
RT: 11.510 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

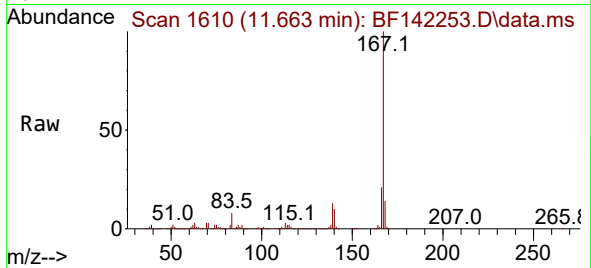
Tgt Ion:178 Resp: 1816790
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.8 12.7 19.1





#73
 Carbazole
 Concen: 42.099 ng
 RT: 11.663 min Scan# 1610
 Delta R.T. -0.000 min
 Lab File: BF142253.D
 Acq: 01 May 2025 11:42

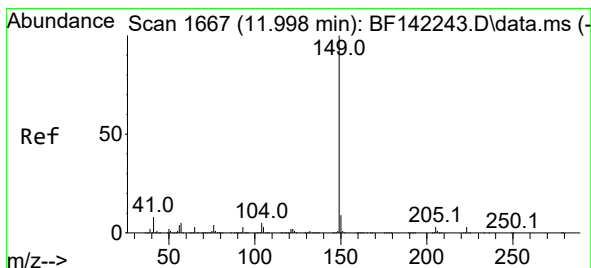
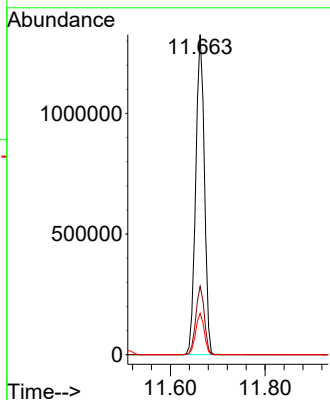
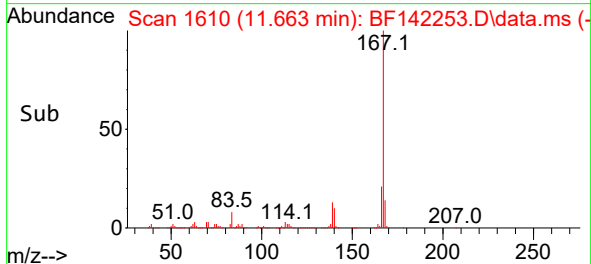
Instrument :
 BNA_F
 ClientSampleId :
 PB167798BSD



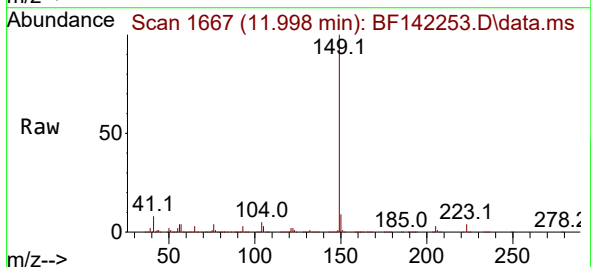
Tgt Ion:167 Resp: 1689119
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.3 25.9
 139 12.9 10.3 15.5

Manual Integrations
 APPROVED

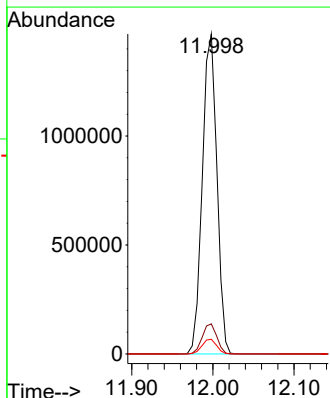
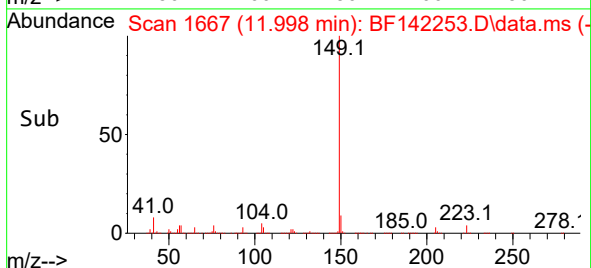
Reviewed By :Rahul Chavli 05/02/2025
 Supervised By :Jagrut Upadhyay 05/02/2025

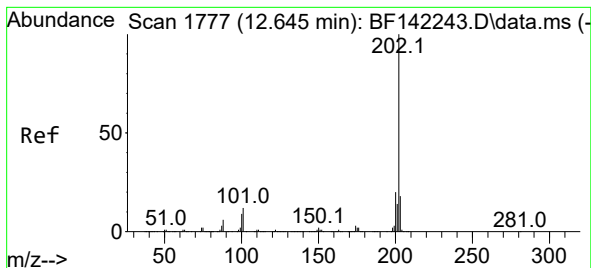


#74
 Di-n-butylphthalate
 Concen: 45.248 ng
 RT: 11.998 min Scan# 1667
 Delta R.T. -0.000 min
 Lab File: BF142253.D
 Acq: 01 May 2025 11:42



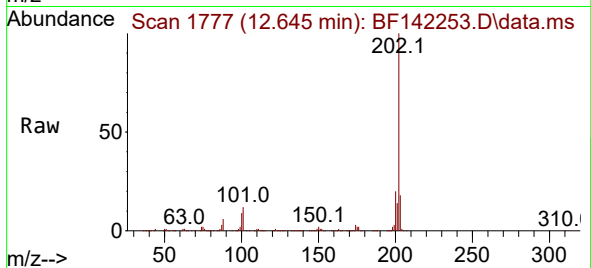
Tgt Ion:149 Resp: 1825873
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 4.6 3.6 5.4





#75
Fluoranthene
Concen: 41.799 ng
RT: 12.645 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

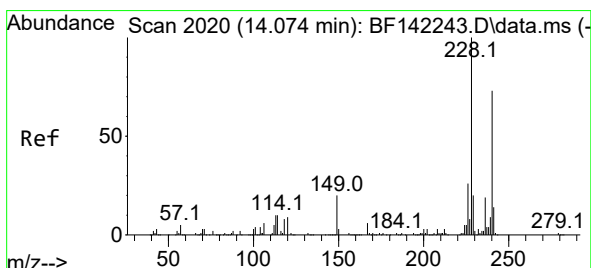
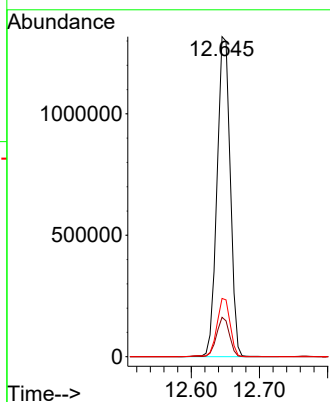
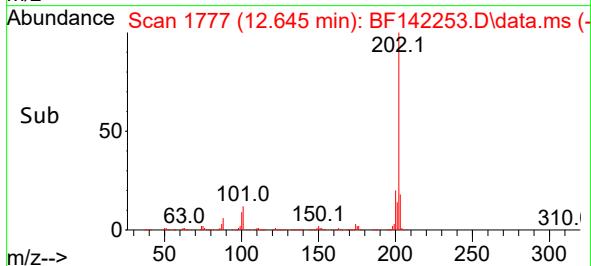
Instrument :
BNA_F
ClientSampleId :
PB167798BSD



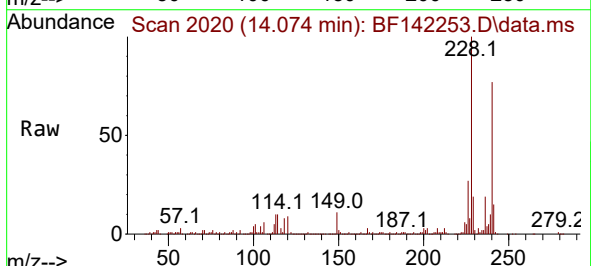
Tgt Ion:202 Resp: 1777492
Ion Ratio Lower Upper
202 100
101 12.3 0.0 32.4
203 18.2 0.0 37.5

Manual Integrations
APPROVED

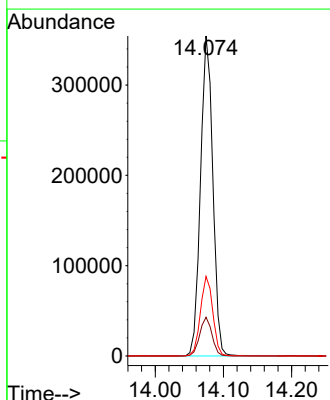
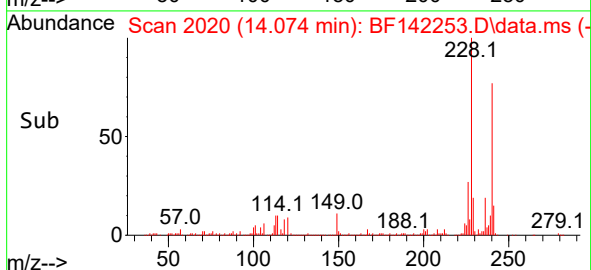
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

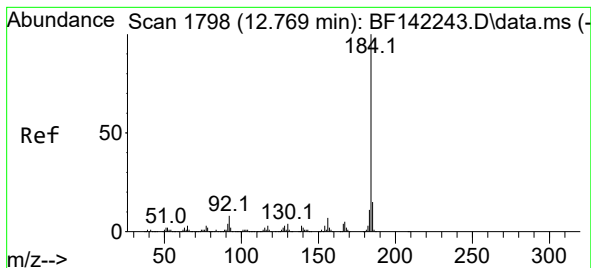


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42



Tgt Ion:240 Resp: 445019
Ion Ratio Lower Upper
240 100
120 12.1 10.1 15.1
236 24.9 20.5 30.7





#77

Benzidine

Concen: 25.584 ng

RT: 12.769 min Scan# 1798

Delta R.T. -0.000 min

Lab File: BF142253.D

Acq: 01 May 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB167798BSD

Tgt Ion:184 Resp: 48378

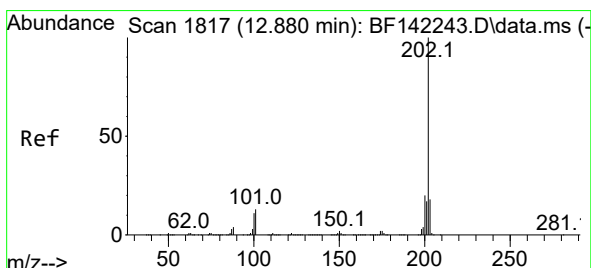
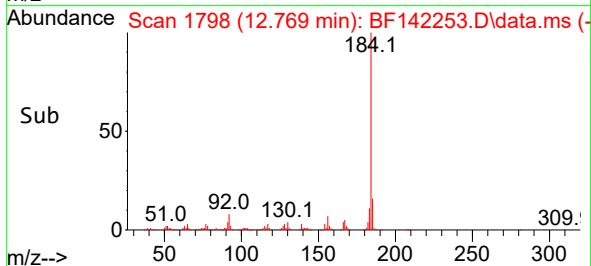
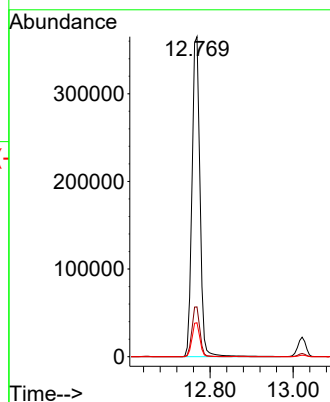
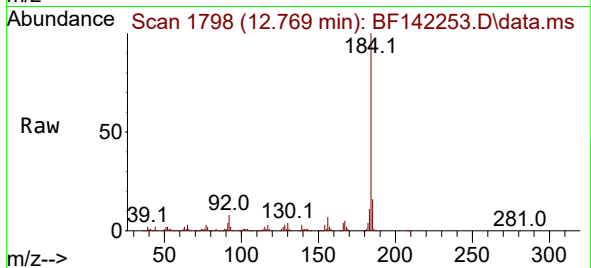
Ion	Ratio	Lower	Upper
184	100		
185	15.6	11.8	17.6
183	10.6	8.9	13.3

Manual Integrations

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Reviewed By :Rahul Chavli 05/02/2025

Supervised By :Jagrut Upadhyay 05/02/2025



#78

Pyrene

Concen: 42.962 ng

RT: 12.880 min Scan# 1817

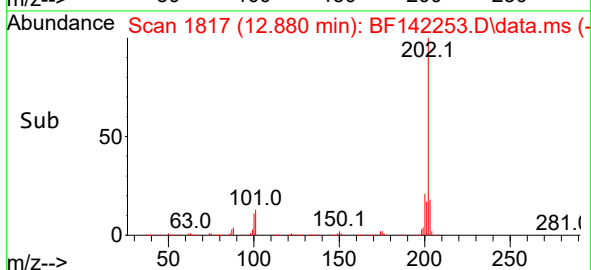
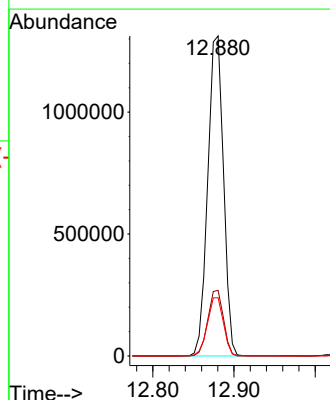
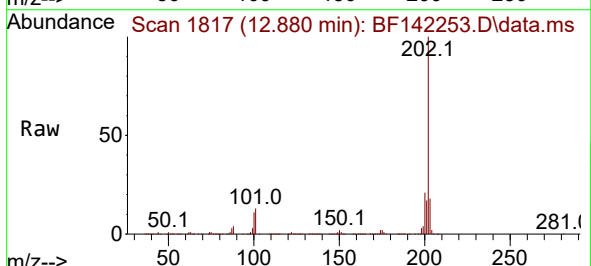
Delta R.T. -0.000 min

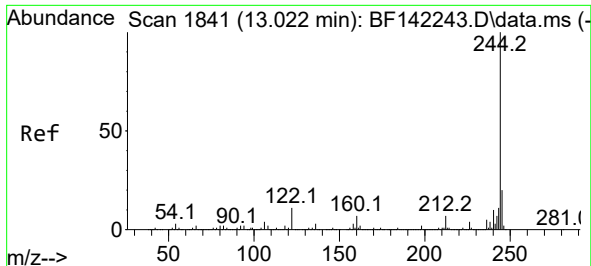
Lab File: BF142253.D

Acq: 01 May 2025 11:42

Tgt Ion:202 Resp: 1763648

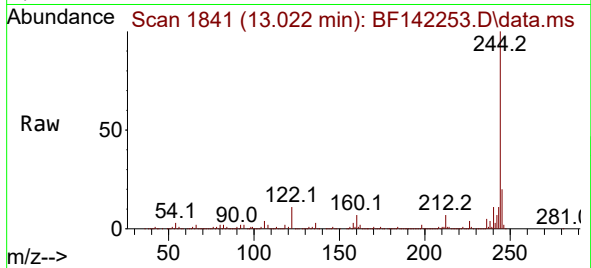
Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.1	24.1
203	18.2	14.1	21.1





#79
 Terphenyl-d14
 Concen: 73.788 ng
 RT: 13.022 min Scan# 1841
 Delta R.T. -0.000 min
 Lab File: BF142253.D
 Acq: 01 May 2025 11:42

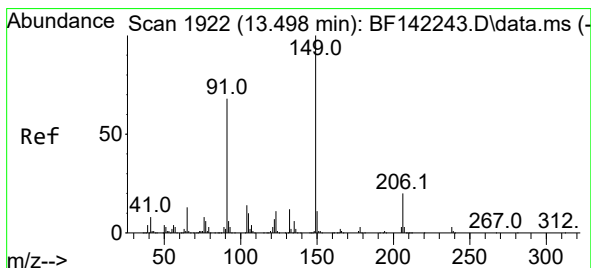
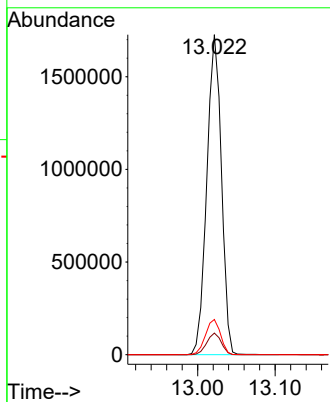
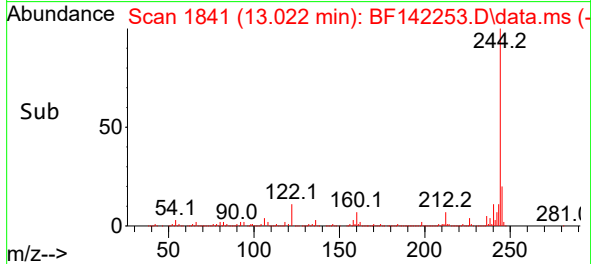
Instrument :
 BNA_F
 ClientSampleId :
 PB167798BSD



Tgt Ion:244 Resp: 225776
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.3 7.9
 122 11.0 9.1 13.7

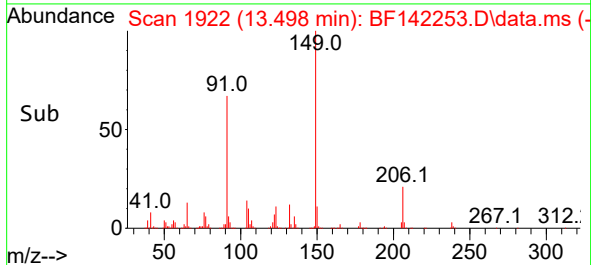
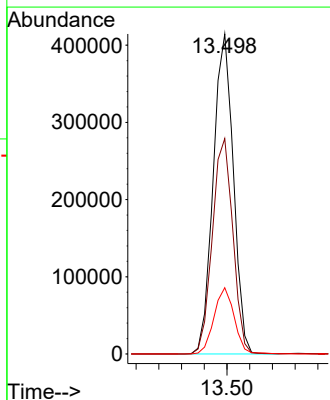
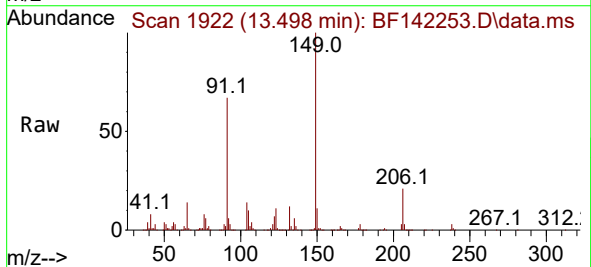
Manual Integrations
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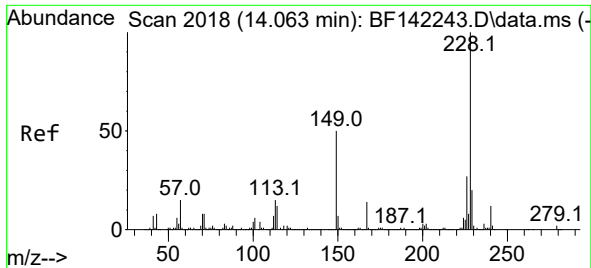
Reviewed By :Rahul Chavli 05/02/2025
 Supervised By :Jagrut Upadhyay 05/02/2025



#80
 Butylbenzylphthalate
 Concen: 45.709 ng
 RT: 13.498 min Scan# 1922
 Delta R.T. -0.000 min
 Lab File: BF142253.D
 Acq: 01 May 2025 11:42

Tgt Ion:149 Resp: 510891
 Ion Ratio Lower Upper
 149 100
 91 67.3 54.4 81.6
 206 20.7 15.9 23.9





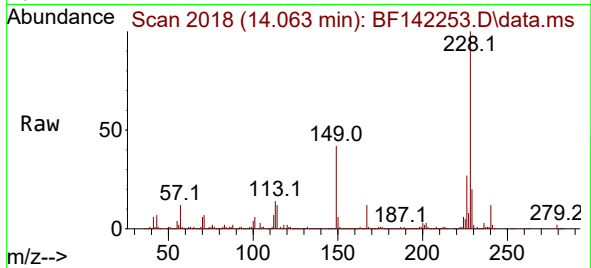
#81
Benzo(a)anthracene
Concen: 41.291 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB167798BSD



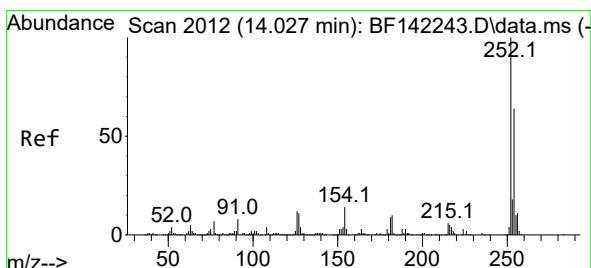
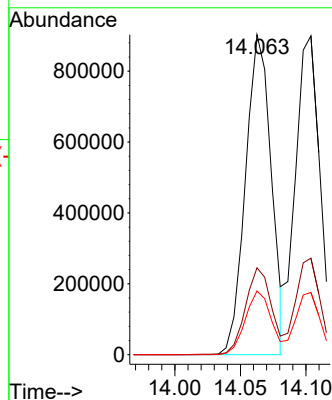
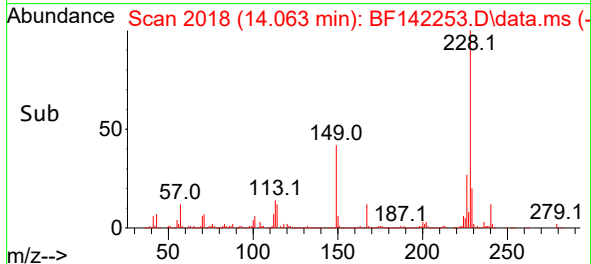
Tgt Ion:228 Resp: 123356
Ion Ratio Lower Upper
228 100
226 27.2 21.9 32.9
229 19.9 16.0 24.0

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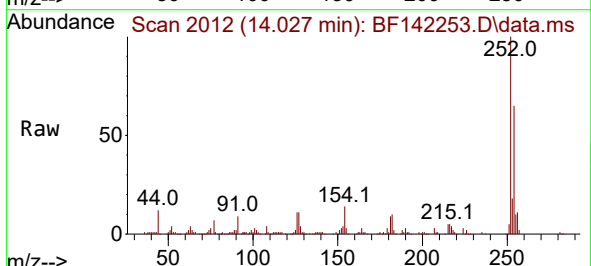
APPROVED

Reviewed By :Rahul Chavli 05/02/2025

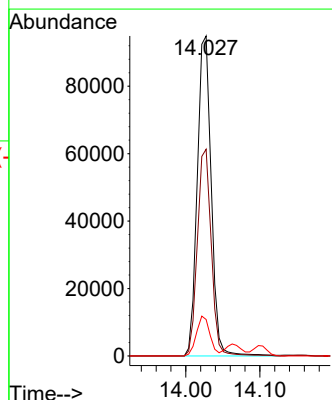
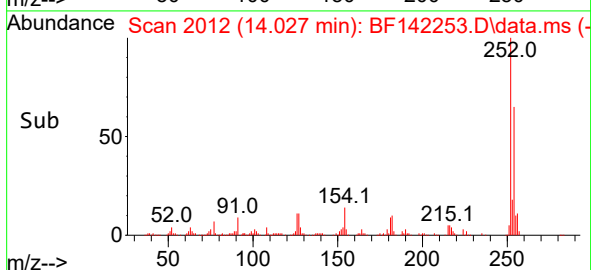
Supervised By :Jagrut Upadhyay 05/02/2025

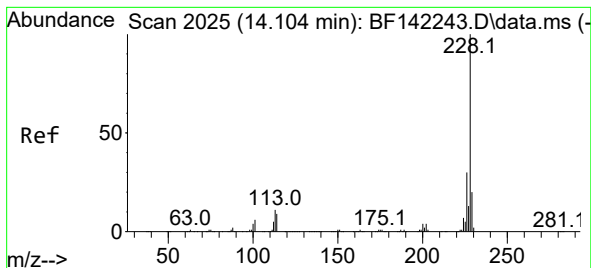


#82
3,3'-Dichlorobenzidine
Concen: 14.182 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42



Tgt Ion:252 Resp: 124446
Ion Ratio Lower Upper
252 100
254 64.6 51.0 76.6
126 11.4 9.4 14.2





#83

Chrysene

Concen: 43.030 ng

RT: 14.104 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BF142253.D

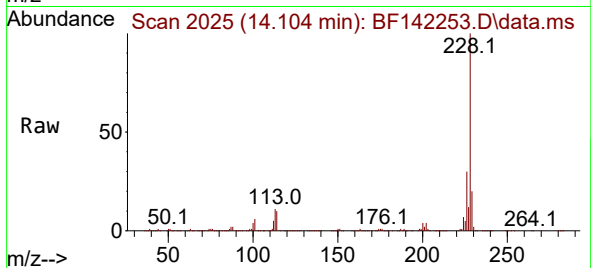
Acq: 01 May 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB167798BSD



Tgt Ion:228 Resp: 117016

Ion Ratio Lower Upper

228 100

226 30.2 24.0 36.0

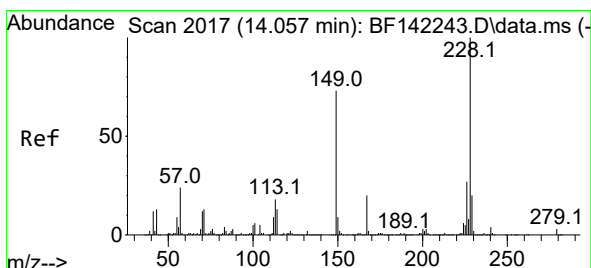
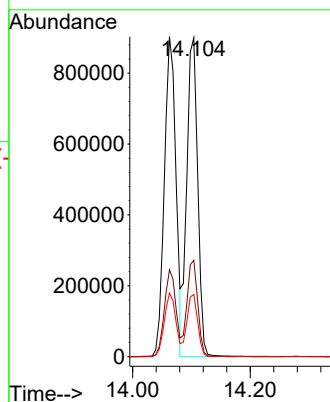
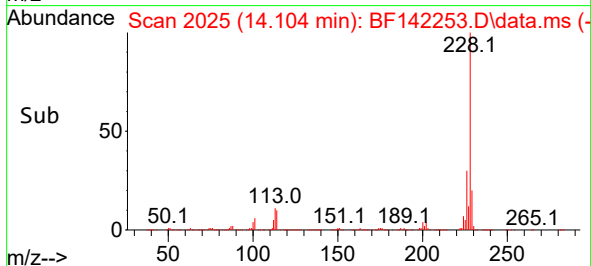
229 19.5 15.7 23.5

Manual Integrations

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Reviewed By :Rahul Chavli 05/02/2025

Supervised By :Jagrut Upadhyay 05/02/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.625 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF142253.D

Acq: 01 May 2025 11:42

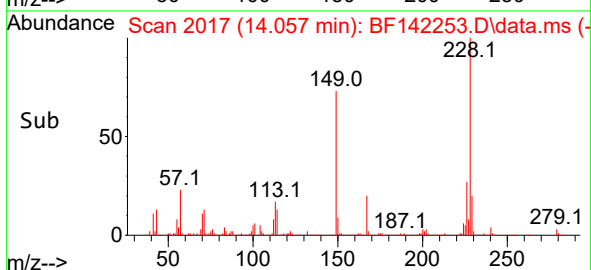
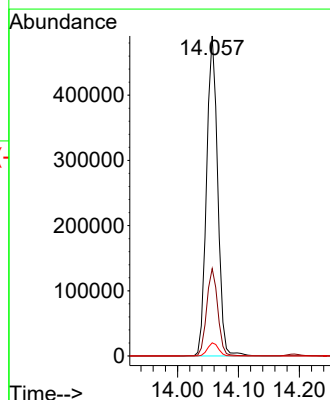
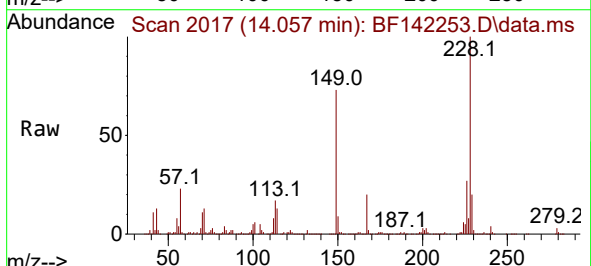
Tgt Ion:149 Resp: 622700

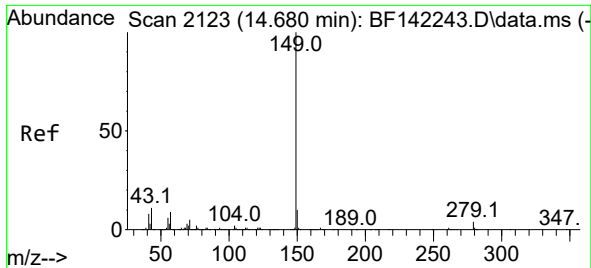
Ion Ratio Lower Upper

149 100

167 27.3 21.7 32.5

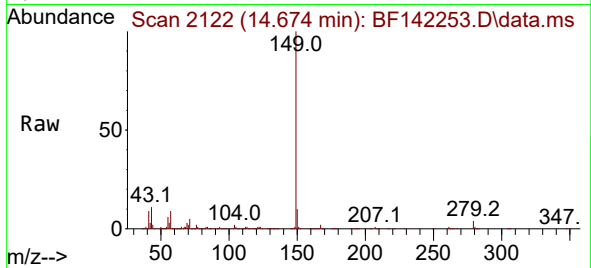
279 4.1 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 41.525 ng
RT: 14.674 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

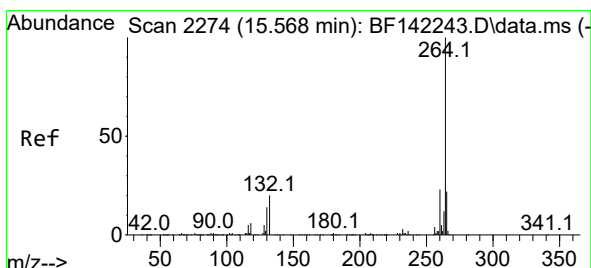
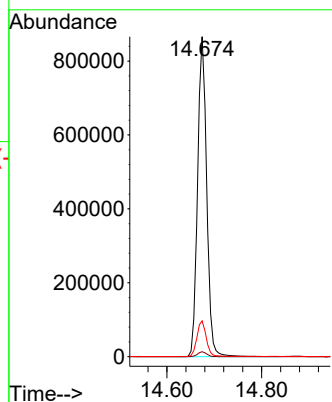
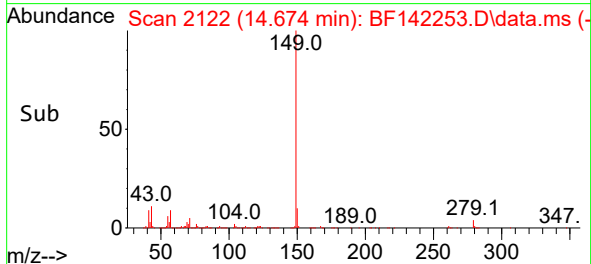
Instrument :
BNA_F
ClientSampleId :
PB167798BSD



Tgt Ion:149 Resp: 115671
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 11.4 9.3 13.9

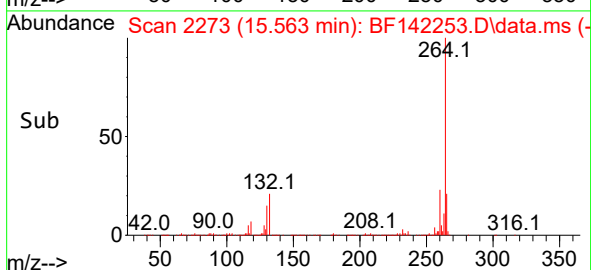
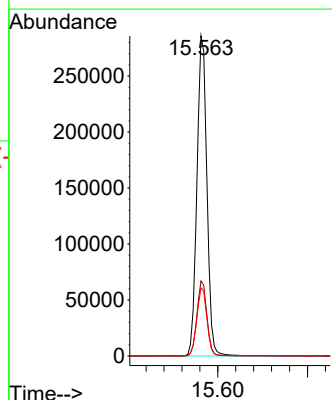
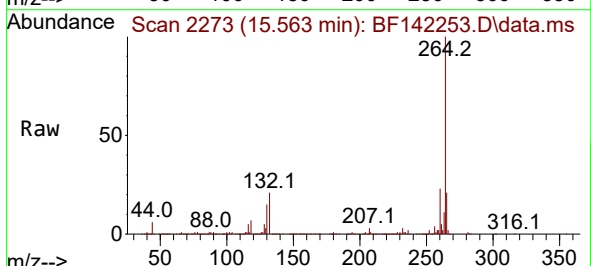
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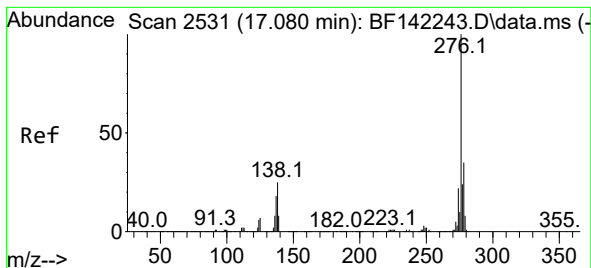
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:264 Resp: 441873
Ion Ratio Lower Upper
264 100
260 23.5 18.4 27.6
265 21.3 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.786 ng

RT: 17.080 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF142253.D

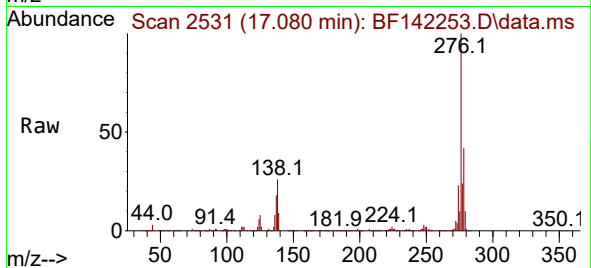
Acq: 01 May 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB167798BSD



Tgt Ion:276 Resp: 138479

Ion Ratio Lower Upper

276 100

138 28.4 22.6 33.8

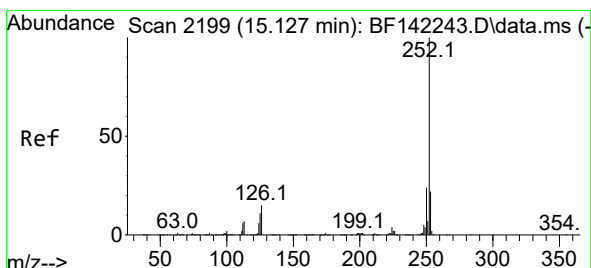
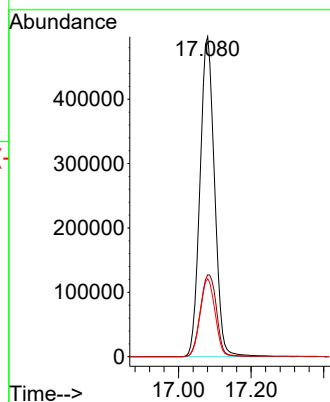
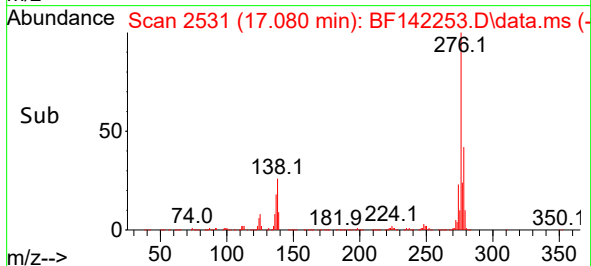
277 25.2 20.1 30.1

Manual Integrations

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Reviewed By :Rahul Chavli 05/02/2025

Supervised By :Jagrut Upadhyay 05/02/2025



#88

Benzo(b)fluoranthene

Concen: 39.254 ng

RT: 15.127 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF142253.D

Acq: 01 May 2025 11:42

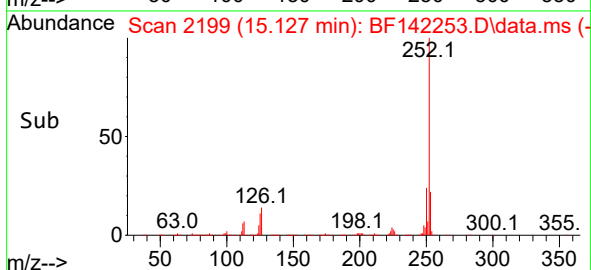
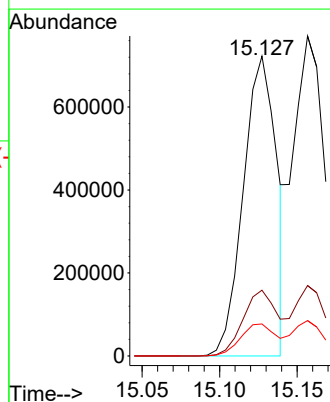
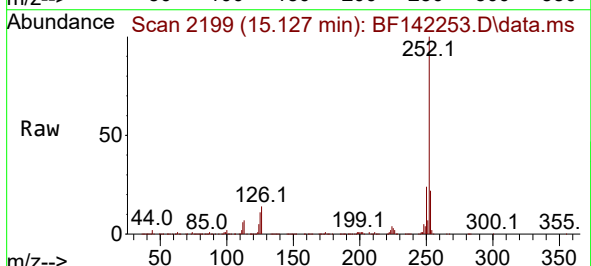
Tgt Ion:252 Resp: 1077406

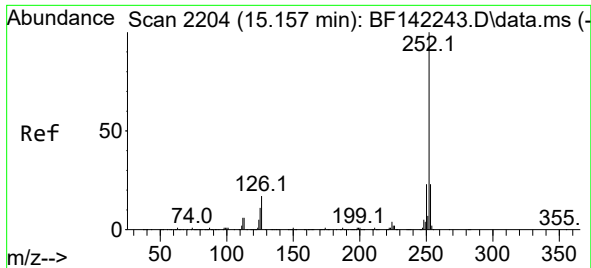
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

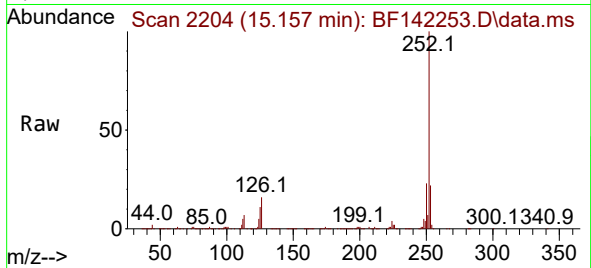
125 10.7 9.0 13.4





#89
Benzo(k)fluoranthene
Concen: 44.533 ng
RT: 15.157 min Scan# 2204
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

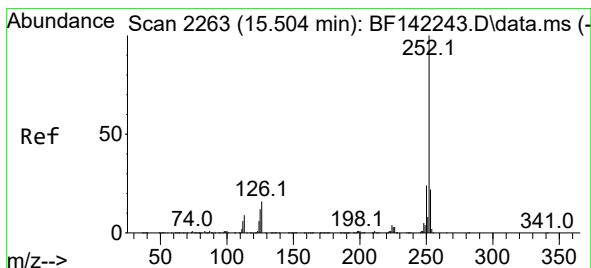
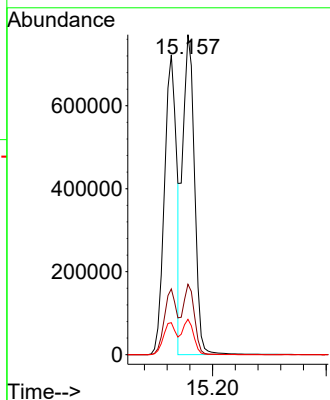
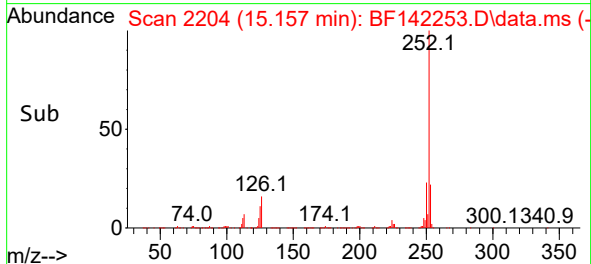
Instrument :
BNA_F
ClientSampleId :
PB167798BSD



Tgt Ion:252 Resp: 1118010
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 11.0 9.0 13.6

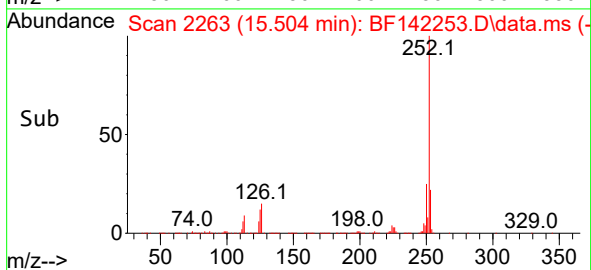
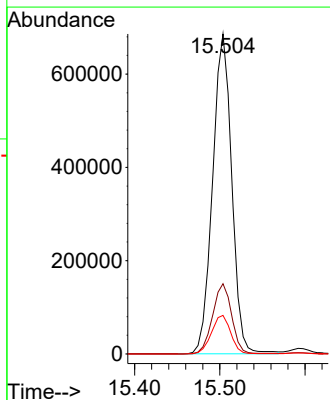
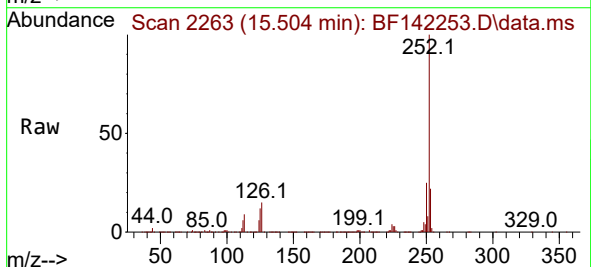
Manual Integrations
APPROVED

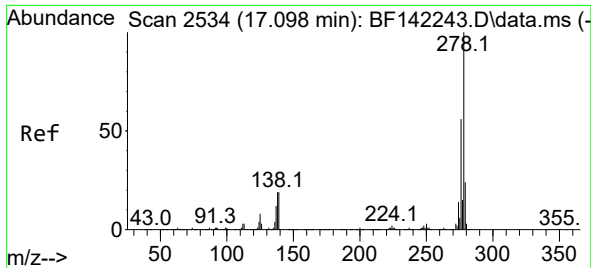
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025



#90
Benzo(a)pyrene
Concen: 42.614 ng
RT: 15.504 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

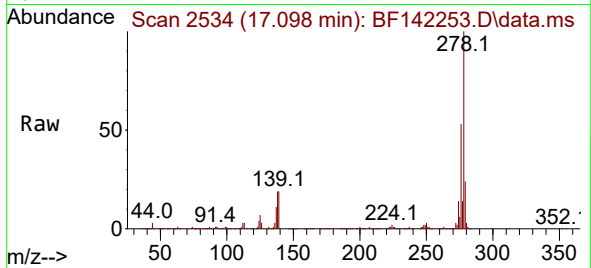
Tgt Ion:252 Resp: 1070836
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 12.0 9.5 14.3





#91
Dibenzo(a,h)anthracene
Concen: 42.952 ng
RT: 17.098 min Scan# 212
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

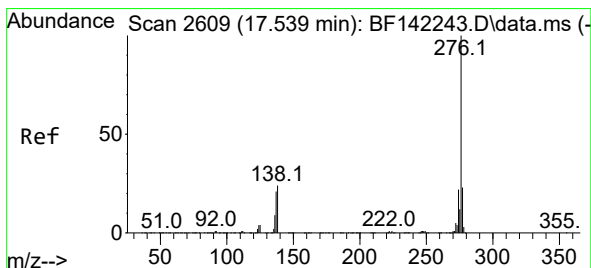
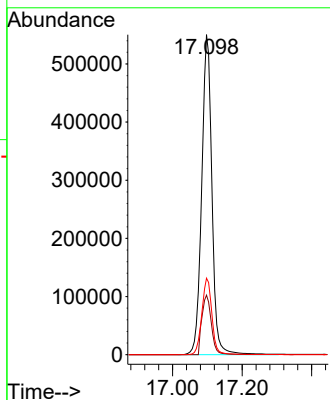
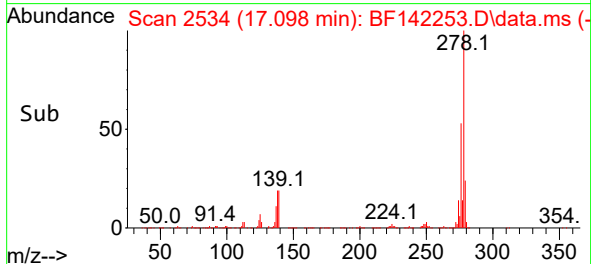
Instrument :
BNA_F
ClientSampleId :
PB167798BSD



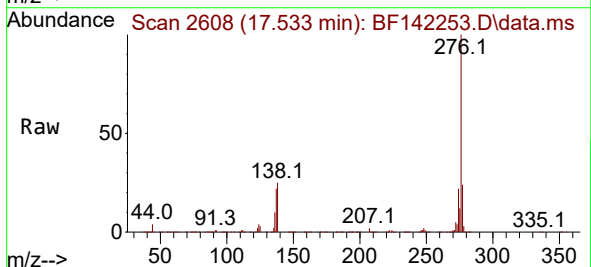
Tgt Ion:278 Resp: 112828
Ion Ratio Lower Upper
278 100
139 18.6 15.2 22.8
279 23.9 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025



#92
Benzo(g,h,i)perylene
Concen: 43.077 ng
RT: 17.533 min Scan# 2608
Delta R.T. -0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42



Tgt Ion:276 Resp: 1137552
Ion Ratio Lower Upper
276 100
277 23.7 18.7 28.1
138 24.9 19.4 29.0

