

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142252.D
 Acq On : 01 May 2025 11:13
 Operator : RC/JU
 Sample : PB167798BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167798BS

Manual Integrations
 APPROVED

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

Quant Time: May 01 12:23:40 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	225762	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	889454	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	464234	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	800889	20.000	ng	0.00
76) Chrysene-d12	14.074	240	447227	20.000	ng	0.00
86) Perylene-d12	15.563	264	448663	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1573800	111.332	ng	0.02
7) Phenol-d6	6.528	99	1923984	112.709	ng	0.00
23) Nitrobenzene-d5	7.469	82	1064921	78.658	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	553053	130.679	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2279117	69.221	ng	0.00
79) Terphenyl-d14	13.022	244	2260338	73.507	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.799	88	214857	34.032	ng	99
3) Pyridine	3.546	79	612102	37.305	ng	99
4) n-Nitrosodimethylamine	3.499	42	354189	41.713	ng	99
6) Aniline	6.569	93	595232	24.635	ng	99
8) 2-Chlorophenol	6.693	128	621899	42.575	ng	100
9) Benzaldehyde	6.457	77	303059	25.401	ng	99
10) Phenol	6.546	94	757157m	41.200	ng	
11) bis(2-Chloroethyl)ether	6.646	93	582688	40.916	ng	100
12) 1,3-Dichlorobenzene	6.851	146	670657	40.585	ng	100
13) 1,4-Dichlorobenzene	6.928	146	672151	40.372	ng	99
14) 1,2-Dichlorobenzene	7.081	146	647246	40.722	ng	100
15) Benzyl Alcohol	7.045	79	513138	42.384	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1068891	41.566	ng	99
17) 2-Methylphenol	7.151	107	501113	41.877	ng	98
18) Hexachloroethane	7.422	117	228628	41.957	ng	96
19) n-Nitroso-di-n-propyla...	7.322	70	430394	40.801	ng	99
20) 3+4-Methylphenols	7.304	107	621160	41.509	ng	94
22) Acetophenone	7.316	105	826074	40.145	ng	100
24) Nitrobenzene	7.493	77	591218	44.506	ng	100
25) Isophorone	7.728	82	1178770	41.486	ng	100
26) 2-Nitrophenol	7.804	139	225734	41.847	ng	99
27) 2,4-Dimethylphenol	7.840	122	602922	42.086	ng	99
28) bis(2-Chloroethoxy)met...	7.940	93	734626	40.995	ng	99
29) 2,4-Dichlorophenol	8.040	162	512350	42.777	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	547350	40.953	ng	100
31) Naphthalene	8.216	128	1792007	40.399	ng	100
32) Benzoic acid	7.945	122	282191m	42.883	ng	
33) 4-Chloroaniline	8.251	127	121514	6.579	ng	99
34) Hexachlorobutadiene	8.328	225	323243	41.453	ng	99
35) Caprolactam	8.622	113	164045m	45.568	ng	
36) 4-Chloro-3-methylphenol	8.734	107	532722	43.315	ng	98
37) 2-Methylnaphthalene	8.904	142	1105725	40.544	ng	99
38) 1-Methylnaphthalene	9.004	142	1159466	41.039	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	523019	40.032	ng	99
41) Hexachlorocyclopentadiene	9.057	237	659241	88.906	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	354948	43.843	ng	99

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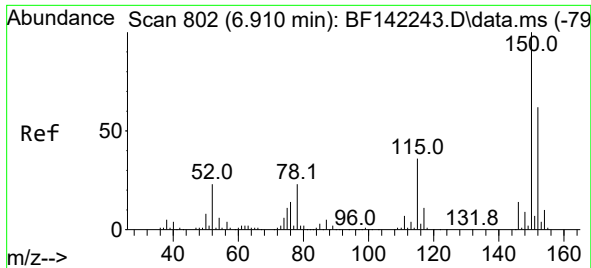
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	386474	45.404	ng	98
46) 1,1'-Biphenyl	9.369	154	1475397	40.881	ng	100
47) 2-Chloronaphthalene	9.392	162	1092692	40.695	ng	99
48) 2-Nitroaniline	9.487	65	301543	43.124	ng	99
49) Acenaphthylene	9.810	152	1868315	41.234	ng	100
50) Dimethylphthalate	9.669	163	1278203	43.038	ng	100
51) 2,6-Dinitrotoluene	9.728	165	247512	43.832	ng	98
52) Acenaphthene	9.981	154	1161277	43.895	ng	100
53) 3-Nitroaniline	9.892	138	120832	19.467	ng	97
54) 2,4-Dinitrophenol	9.998	184	173600	84.535	ng	# 23
55) Dibenzofuran	10.157	168	1619144	40.827	ng	100
56) 4-Nitrophenol	10.045	139	471700	101.045	ng	98
57) 2,4-Dinitrotoluene	10.134	165	334335	48.433	ng	99
58) Fluorene	10.498	166	1240639	41.143	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	316821	44.934	ng	99
60) Diethylphthalate	10.369	149	1280368	43.657	ng	99
61) 4-Chlorophenyl-phenyle...	10.486	204	583485	40.745	ng	99
62) 4-Nitroaniline	10.510	138	278877	44.489	ng	99
63) Azobenzene	10.651	77	1225283	42.308	ng	100
65) 4,6-Dinitro-2-methylph...	10.539	198	114521	44.424	ng	95
66) n-Nitrosodiphenylamine	10.610	169	1120137	40.934	ng	100
67) 4-Bromophenyl-phenylether	10.981	248	374442	41.981	ng	99
68) Hexachlorobenzene	11.045	284	416999	41.744	ng	99
69) Atrazine	11.133	200	327822	45.449	ng	98
70) Pentachlorophenol	11.233	266	491588	93.152	ng	98
71) Phenanthrene	11.463	178	1729683	39.983	ng	99
72) Anthracene	11.510	178	1809920	40.920	ng	100
73) Carbazole	11.663	167	1673738	41.482	ng	100
74) Di-n-butylphthalate	11.998	149	1832830	45.166	ng	100
75) Fluoranthene	12.645	202	1790811	41.876	ng	99
77) Benzidine	12.769	184	427420	22.492	ng	98
78) Pyrene	12.875	202	1769704	42.897	ng	99
80) Butylbenzylphthalate	13.498	149	508489	45.305	ng	98
81) Benzo(a)anthracene	14.063	228	1236291	41.178	ng	100
82) 3,3'-Dichlorobenzidine	14.027	252	102802	11.657	ng	99
83) Chrysene	14.104	228	1191462	43.597	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	629446	40.842	ng	100
85) Di-n-octyl phthalate	14.674	149	1146731	41.045	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	1385292	42.153	ng	100
88) Benzo(b)fluoranthene	15.127	252	1230162	44.141	ng	99
89) Benzo(k)fluoranthene	15.157	252	1011794	39.692	ng	99
90) Benzo(a)pyrene	15.504	252	1085464	42.542	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	1127475	42.272	ng	100
92) Benzo(g,h,i)perylene	17.539	276	1126050	41.996	ng	99

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

Manual Integrations

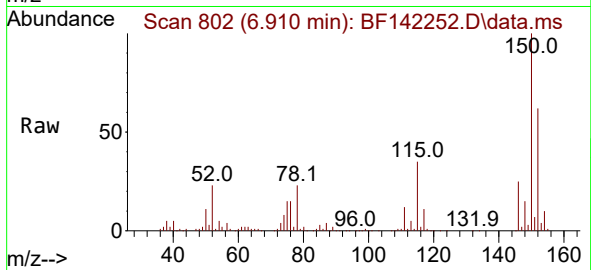
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.910 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF142252.D
 Acq: 01 May 2025 11:13

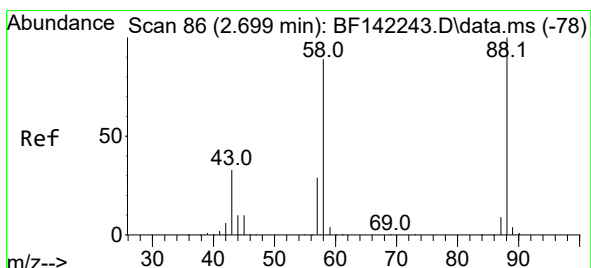
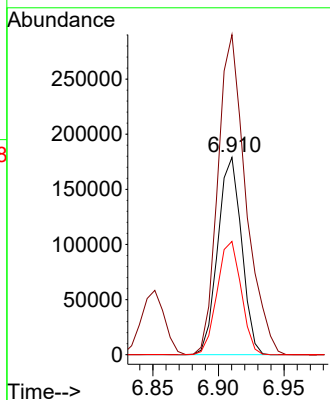
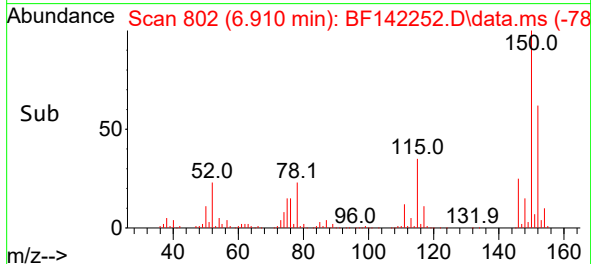
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Tgt Ion:152 Resp: 225762
 Ion Ratio Lower Upper
 152 100
 150 162.2 130.2 195.2
 115 57.4 47.0 70.4

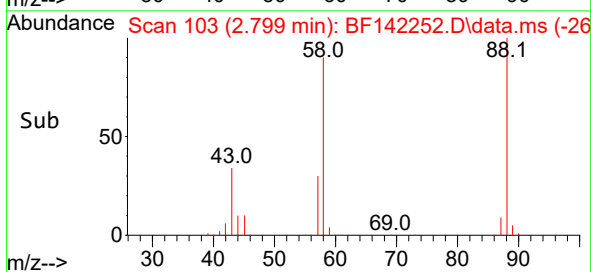
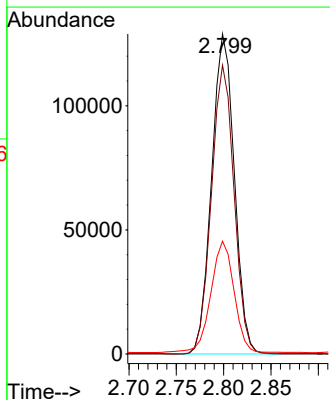
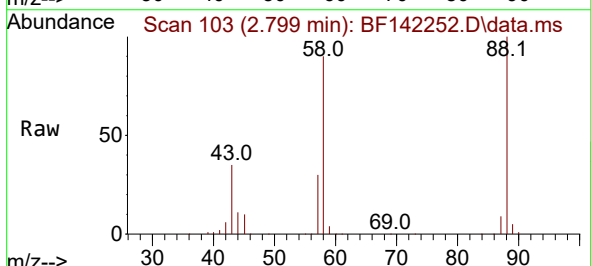
Manual Integrations
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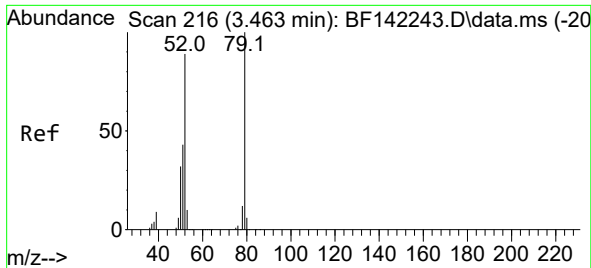
Reviewed By :Rahul Chavli 05/02/2025
 Supervised By :Jagrut Upadhyay 05/02/2025



#2
 1,4-Dioxane
 Concen: 34.032 ng
 RT: 2.799 min Scan# 103
 Delta R.T. 0.100 min
 Lab File: BF142252.D
 Acq: 01 May 2025 11:13

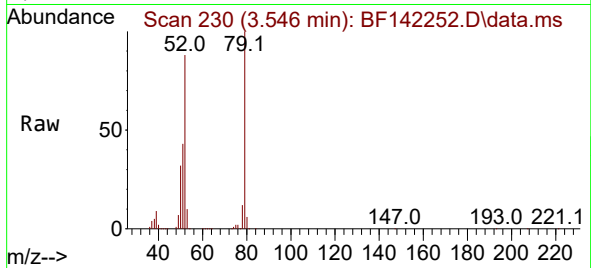
Tgt Ion: 88 Resp: 214857
 Ion Ratio Lower Upper
 88 100
 58 90.3 72.2 108.2
 43 35.8 27.0 40.6





#3
Pyridine
Concen: 37.305 ng
RT: 3.546 min Scan# 216
Delta R.T. 0.082 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

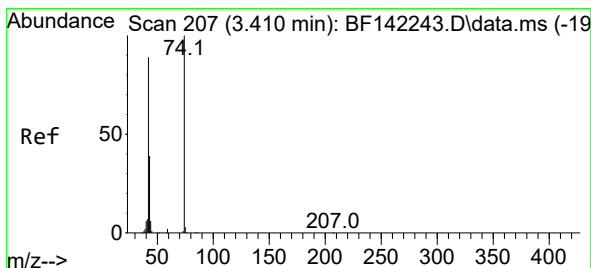
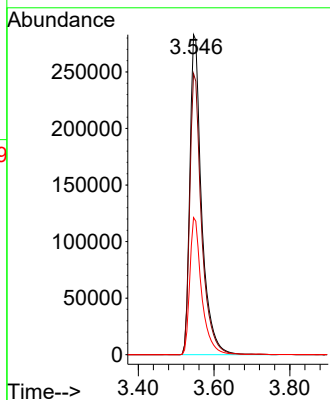
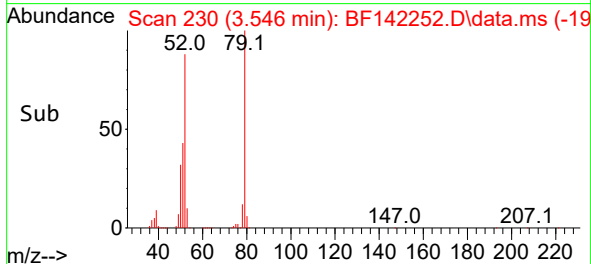
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BNA_F
ClientSampleId :
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Tgt Ion: 79 Resp: 61210
Ion Ratio Lower Upper
79 100
52 87.8 71.5 107.3
51 42.9 34.5 51.7

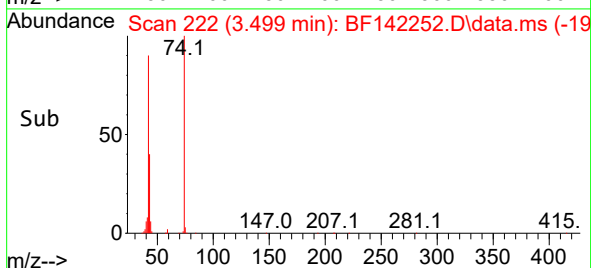
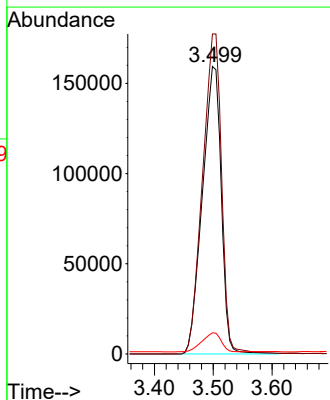
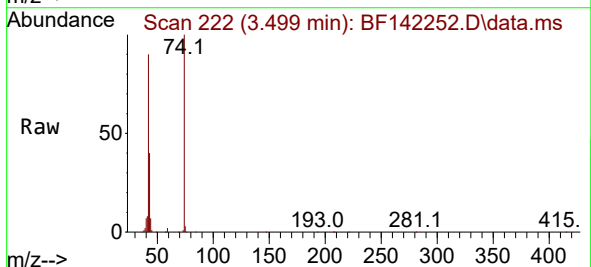
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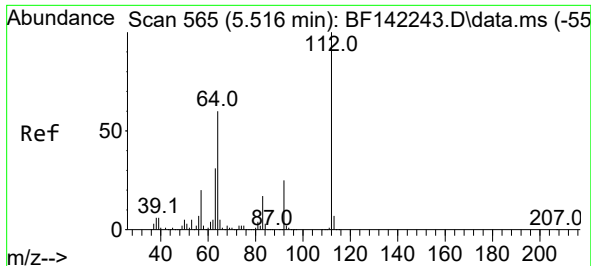
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Supervised By :Jagrut Upadhyay 05/02/2025



#4
n-Nitrosodimethylamine
Concen: 41.713 ng
RT: 3.499 min Scan# 222
Delta R.T. 0.088 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion: 42 Resp: 354189
Ion Ratio Lower Upper
42 100
74 111.3 89.5 134.3
44 7.4 6.6 9.8





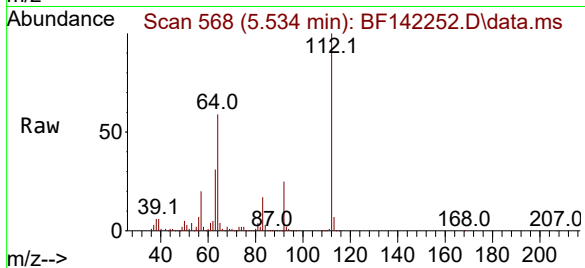
#5
2-Fluorophenol
Concen: 111.332 ng
RT: 5.534 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Instrument :

BNA_F

ClientSampleId :

PB167798BS



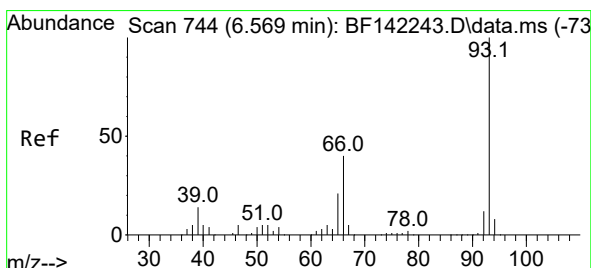
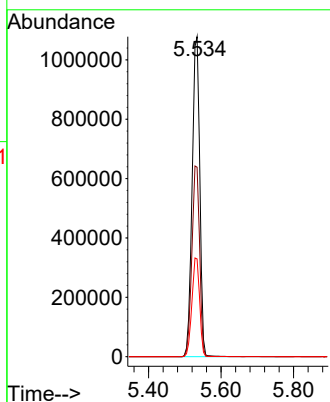
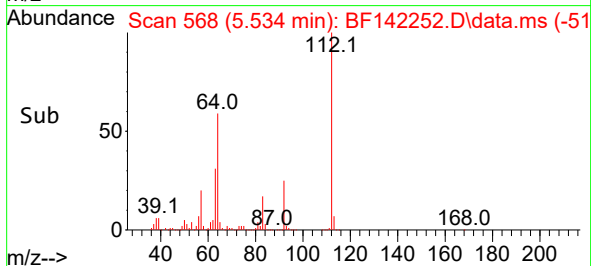
Tgt Ion:112 Resp: 1573800
Ion Ratio Lower Upper
112 100
64 59.2 48.4 72.6
63 30.5 24.8 37.2

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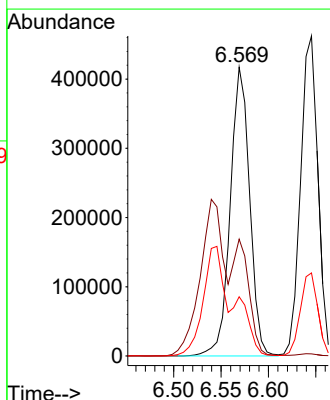
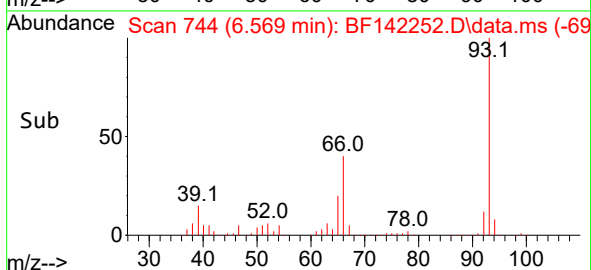
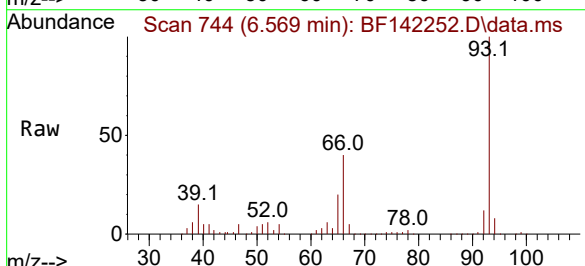
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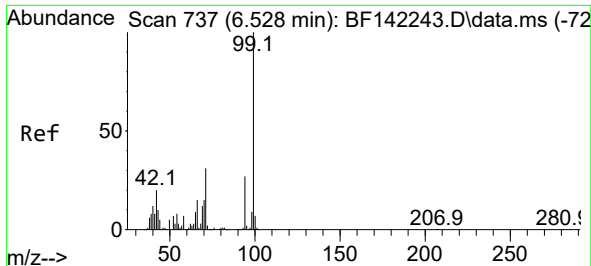
Supervised By :Jagrut Upadhyay 05/02/2025



#6
Aniline
Concen: 24.635 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

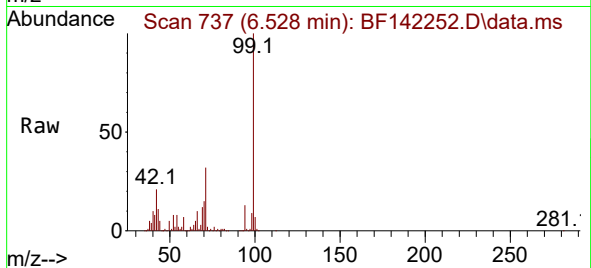
Tgt Ion: 93 Resp: 595232
Ion Ratio Lower Upper
93 100
66 40.4 32.1 48.1
65 20.5 16.6 24.8





#7
Phenol-d6
Concen: 112.709 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

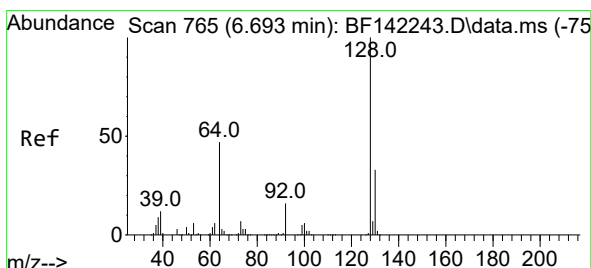
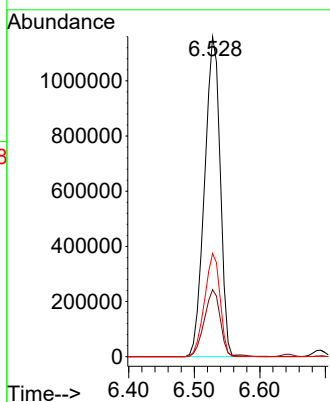
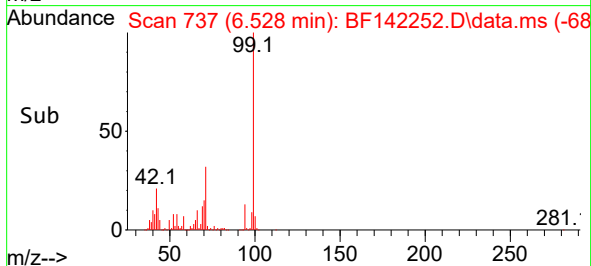
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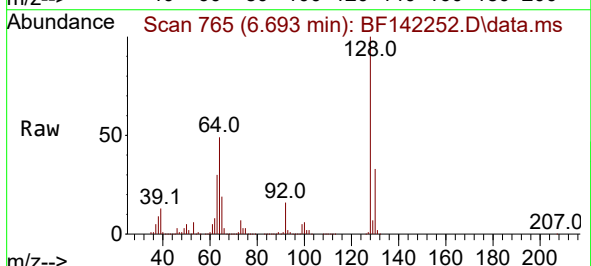
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Ion Ratio Lower Upper
99 100
42 21.0 16.3 24.5
71 32.3 25.0 37.4

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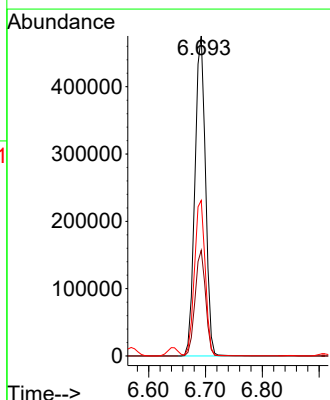
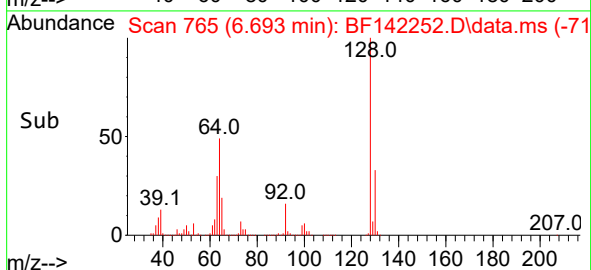
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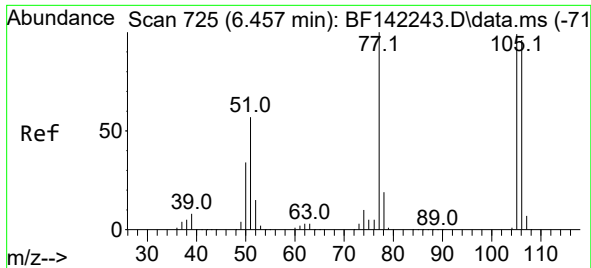


#8
2-Chlorophenol
Concen: 42.575 ng
RT: 6.693 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13



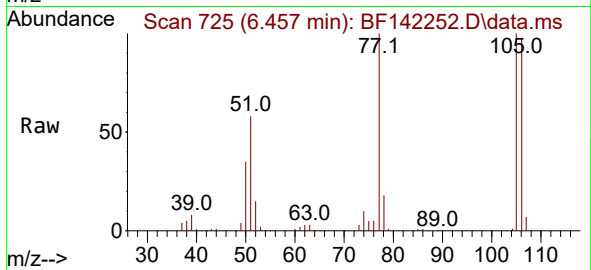
Tgt Ion:128 Resp: 621899
Ion Ratio Lower Upper
128 100
130 33.0 13.1 53.1
64 48.6 28.6 68.6





#9
Benzaldehyde
Concen: 25.401 ng
RT: 6.457 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

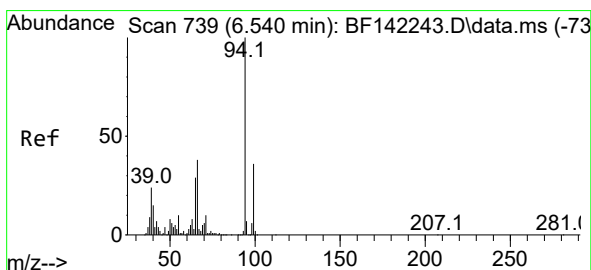
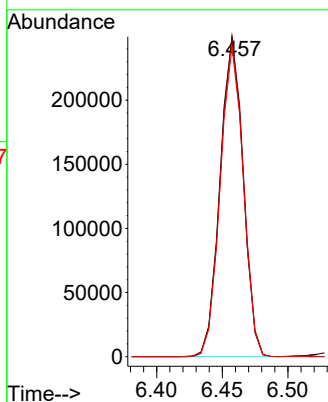
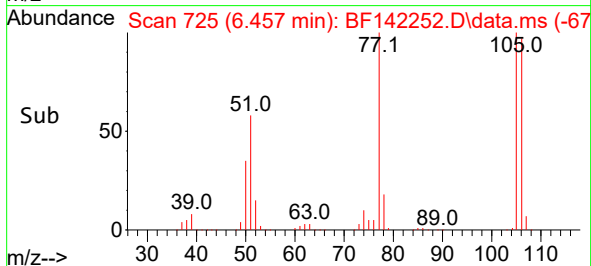
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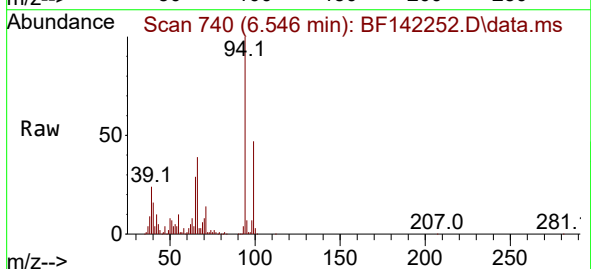
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Ion Ratio Lower Upper
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105 100.1 79.1 119.1
106 96.9 76.0 116.0

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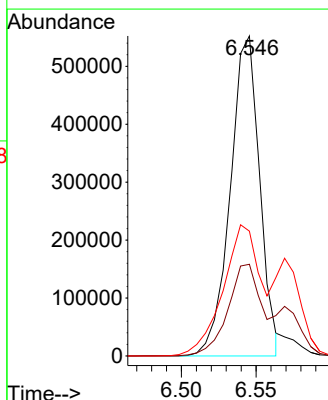
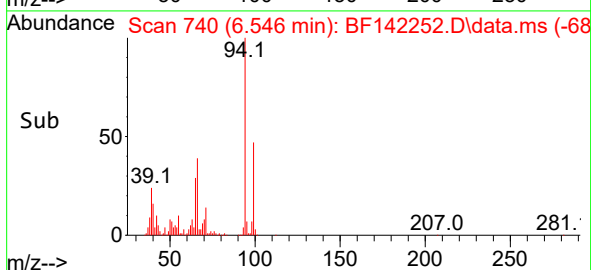
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

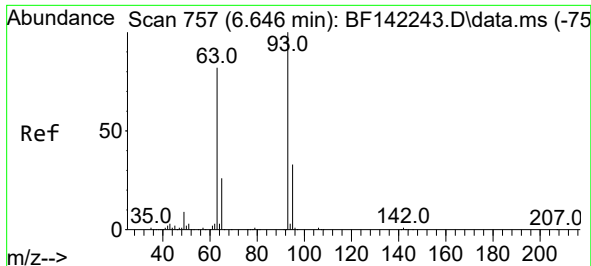


#10
Phenol
Concen: 41.200 ng m
RT: 6.546 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13



Tgt Ion: 94 Resp: 757157
Ion Ratio Lower Upper
94 100
65 28.7 8.9 48.9
66 39.0 18.7 58.7





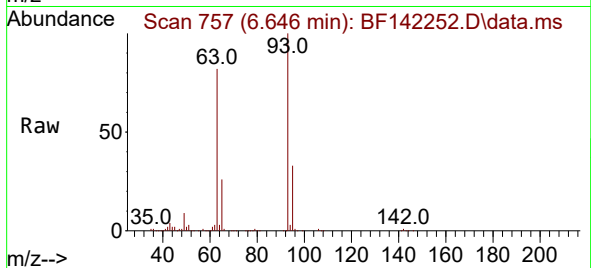
#11
bis(2-Chloroethyl)ether
Concen: 40.916 ng
RT: 6.646 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Instrument :

BNA_F

ClientSampleId :

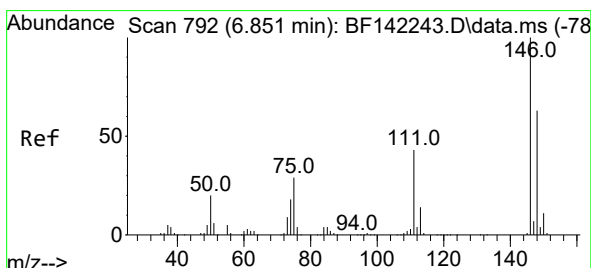
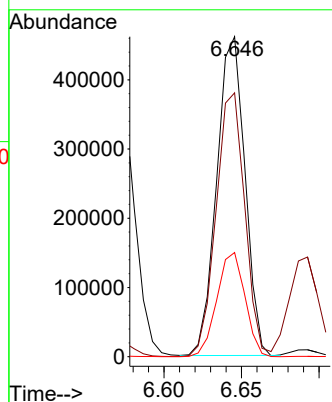
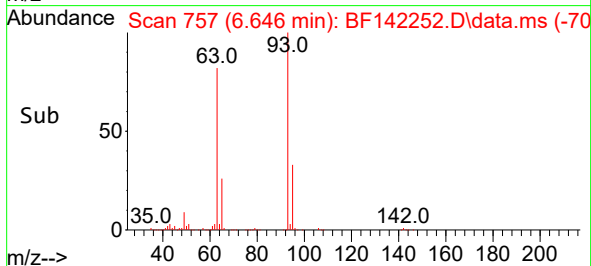
PB167798BS



Tgt Ion: 93 Resp: 582688
Ion Ratio Lower Upper
93 100
63 82.4 62.2 102.2
95 32.6 12.7 52.7

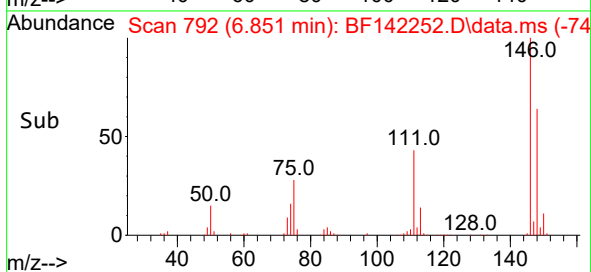
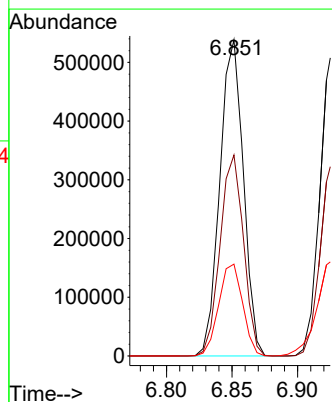
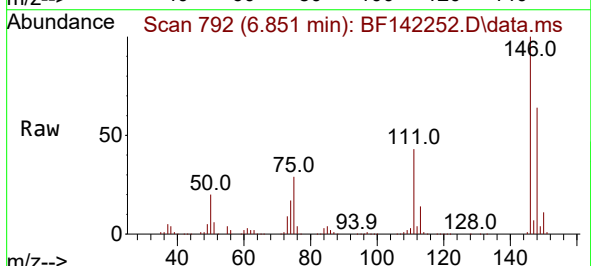
Manual Integrations
APPROVED

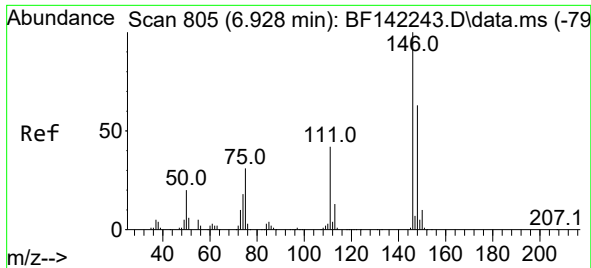
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025



#12
1,3-Dichlorobenzene
Concen: 40.585 ng
RT: 6.851 min Scan# 792
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:146 Resp: 670657
Ion Ratio Lower Upper
146 100
148 63.6 50.5 75.7
75 29.1 23.2 34.8





#13
1,4-Dichlorobenzene
Concen: 40.372 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Instrument :

BNA_F

ClientSampleId :

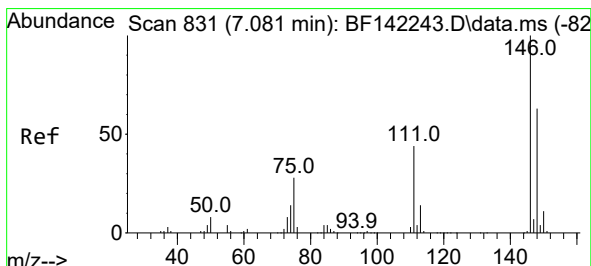
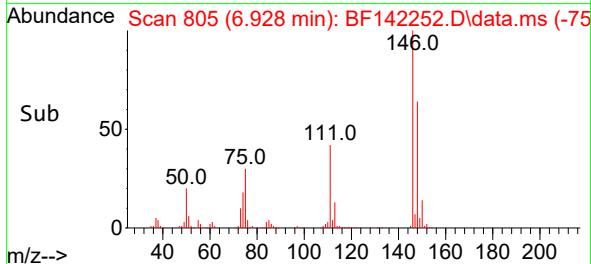
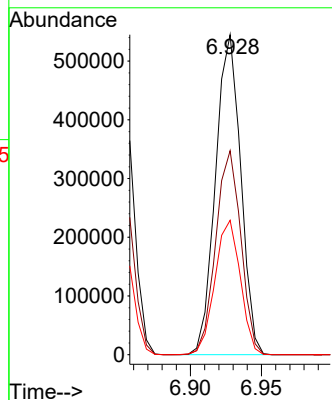
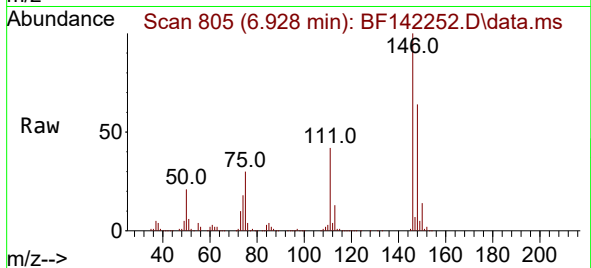
PB167798BS

Tgt Ion:146 Resp: 67215
Ion Ratio Lower Upper
146 100
148 63.8 50.6 76.0
111 42.0 33.4 50.0

Manual Integrations

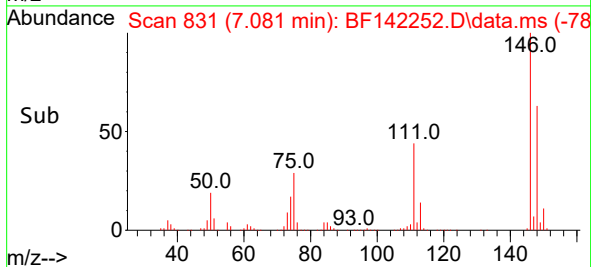
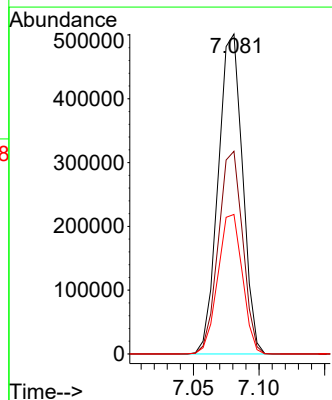
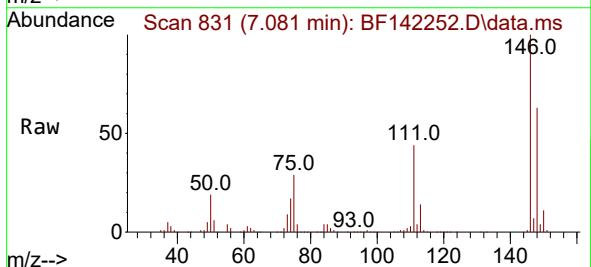
APPROVED

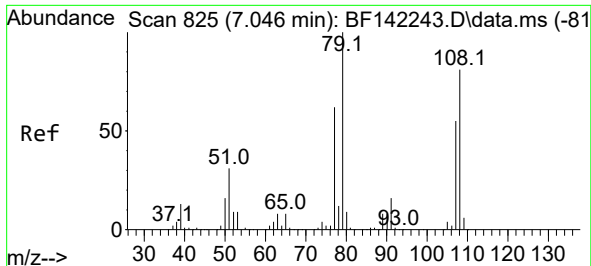
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025



#14
1,2-Dichlorobenzene
Concen: 40.722 ng
RT: 7.081 min Scan# 831
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

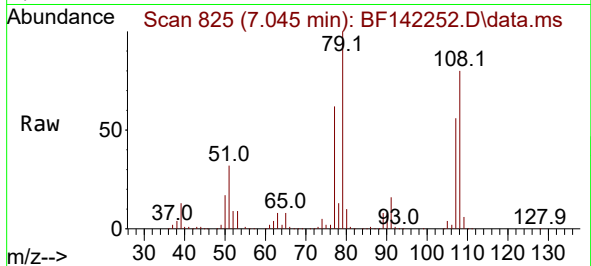
Tgt Ion:146 Resp: 647246
Ion Ratio Lower Upper
146 100
148 63.3 50.5 75.7
111 43.6 34.9 52.3





#15
Benzyl Alcohol
Concen: 42.384 ng
RT: 7.045 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

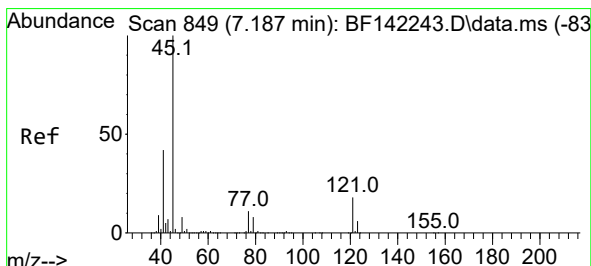
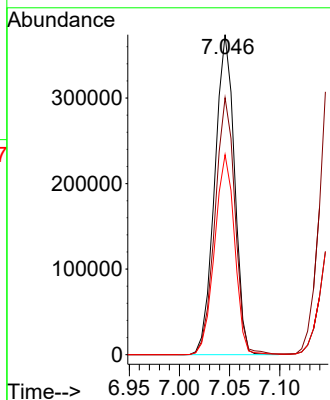
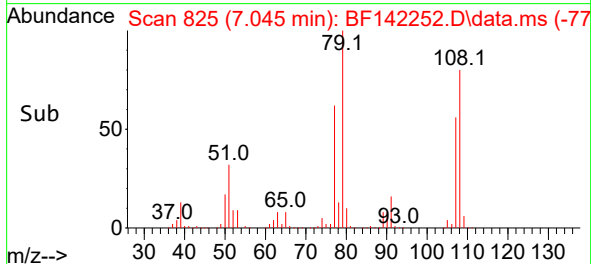
Instrument :
BNA_F
ClientSampleId :
PB167798BS



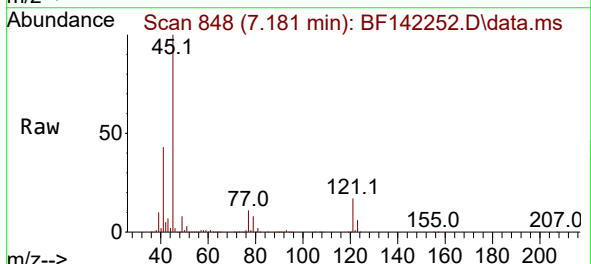
Tgt Ion: 79 Resp: 513138
Ion Ratio Lower Upper
79 100
108 80.3 64.5 96.7
77 62.5 49.2 73.8

Manual Integrations
APPROVED

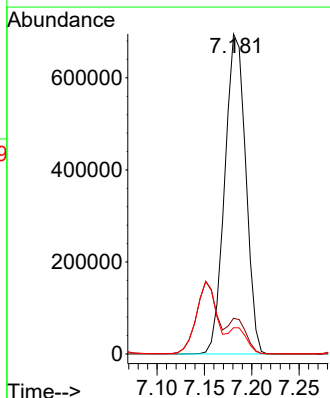
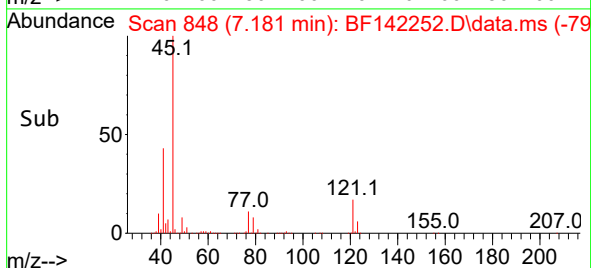
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

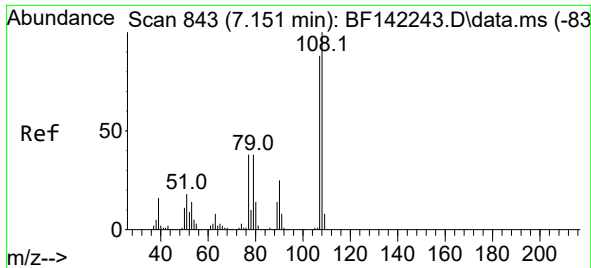


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.566 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13



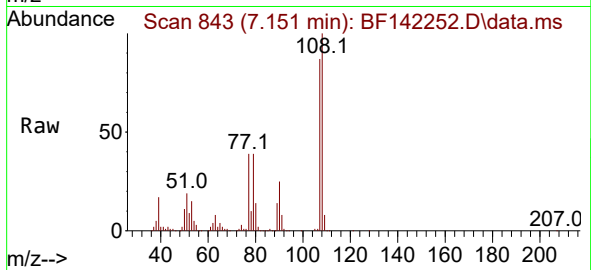
Tgt Ion: 45 Resp: 1068891
Ion Ratio Lower Upper
45 100
77 11.1 0.0 31.3
79 8.2 0.0 28.5





#17
2-Methylphenol
Concen: 41.877 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

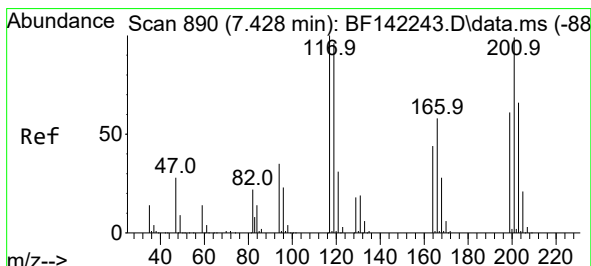
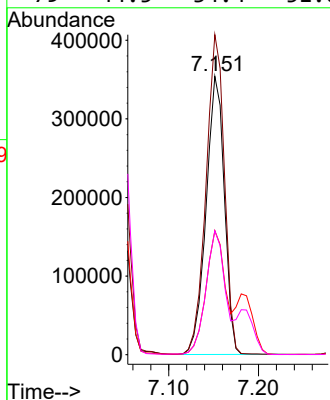
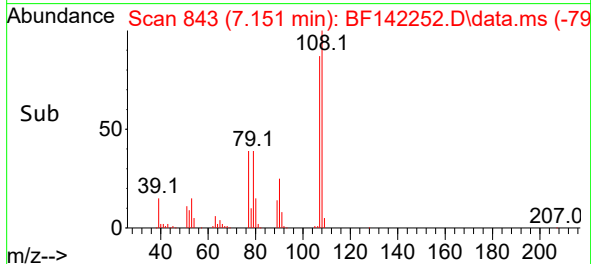
Instrument :
BNA_F
ClientSampleId :
PB167798BS



Tgt Ion:107	Resp: 50111
Ion Ratio	Lower Upper
107	100
108	114.9 91.0 136.4
77	44.6 34.4 51.6
79	44.5 34.4 51.6

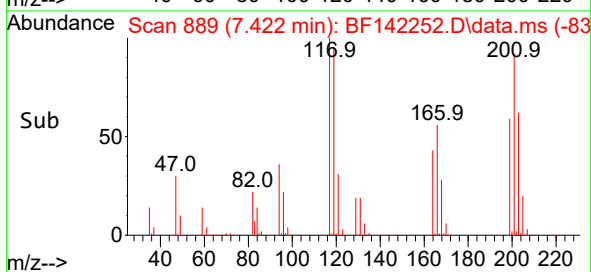
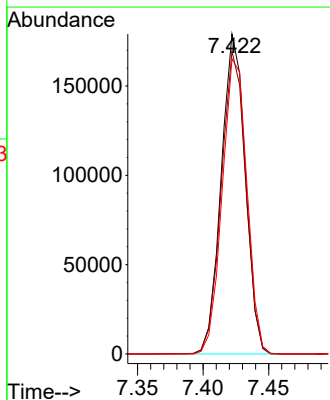
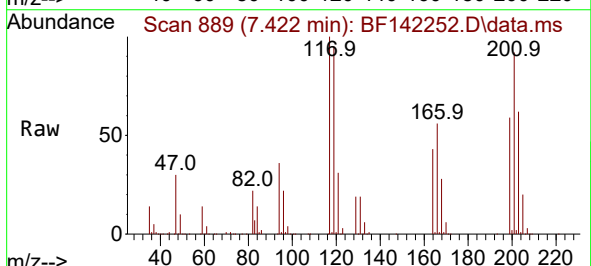
Manual Integrations
APPROVED

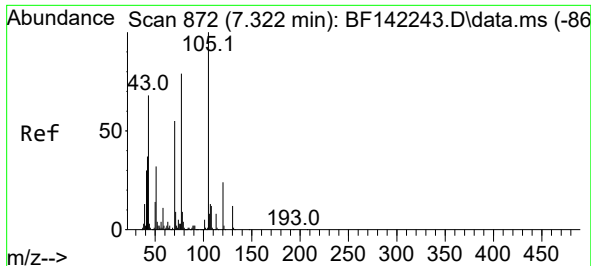
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025



#18
Hexachloroethane
Concen: 41.957 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

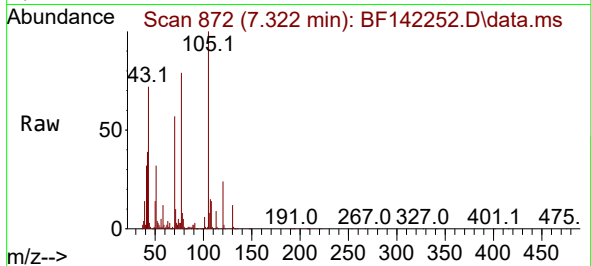
Tgt Ion:117	Resp: 228628
Ion Ratio	Lower Upper
117	100
119	94.6 77.1 115.7
201	92.2 79.4 119.2





#19
n-Nitroso-di-n-propylamine
Concen: 40.801 ng
RT: 7.322 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

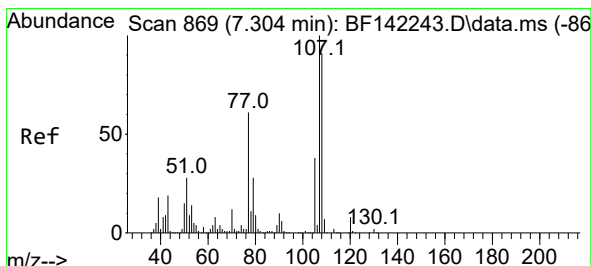
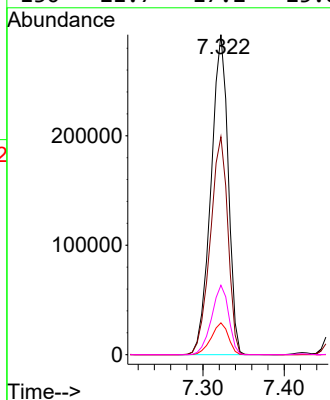
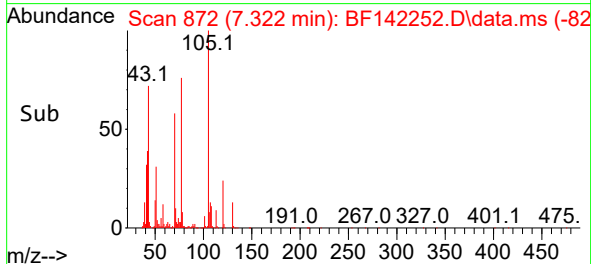
Instrument :
BNA_F
ClientSampleId :
PB167798BS



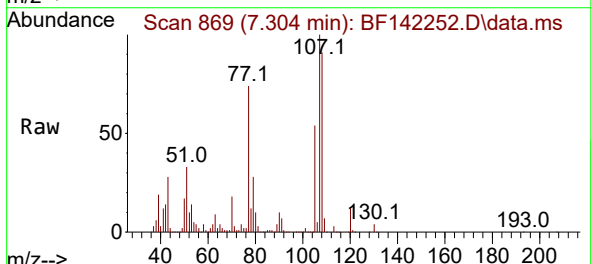
Tgt Ion: 70 Resp: 430394
Ion Ratio Lower Upper
70 100
42 68.1 53.4 80.2
101 10.0 7.7 11.5
130 21.7 17.2 25.8

Manual Integrations
APPROVED

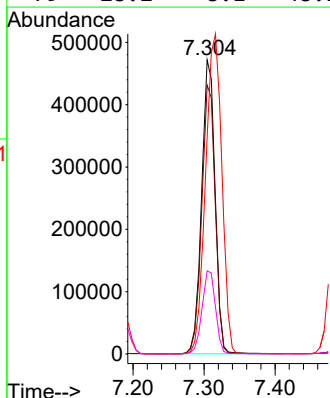
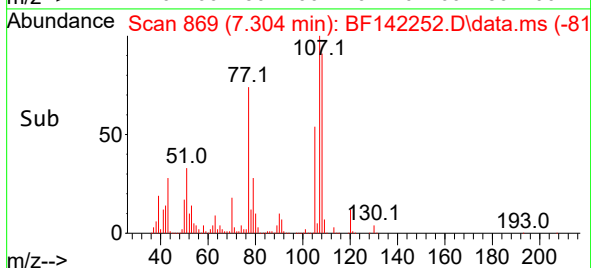
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

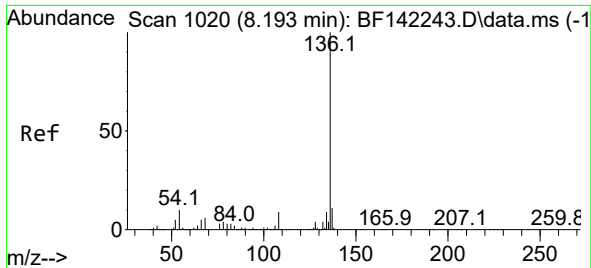


#20
3+4-Methylphenols
Concen: 41.509 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13



Tgt Ion:107 Resp: 621160
Ion Ratio Lower Upper
107 100
108 91.4 71.2 111.2
77 73.8 41.1 81.1
79 28.2 8.1 48.1





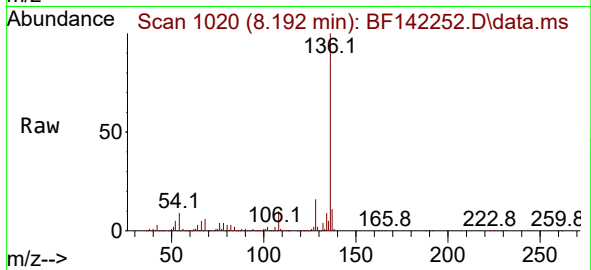
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1020
Delta R.T. -0.001 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Instrument :

BNA_F

ClientSampleId :

PB167798BS

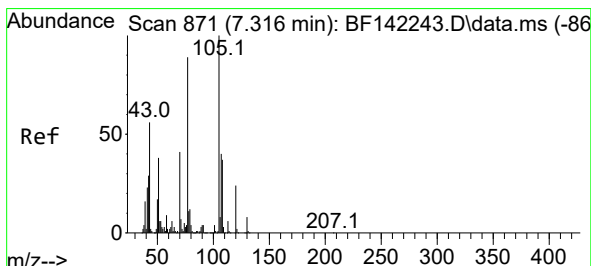
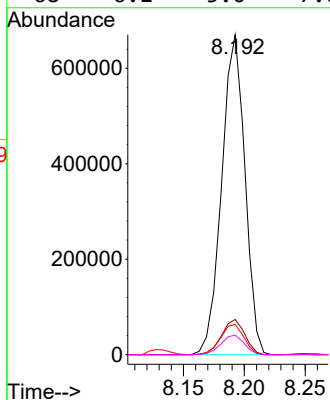
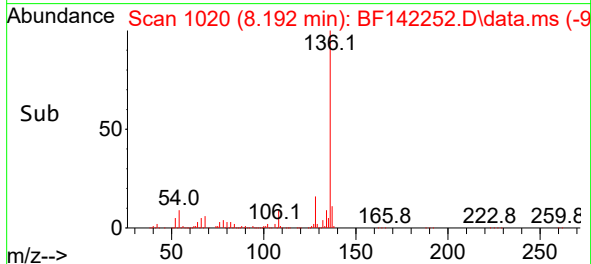


Tgt Ion:136 Resp: 889454
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 9.5 7.7 11.5
68 6.1 5.0 7.6

Manual Integrations

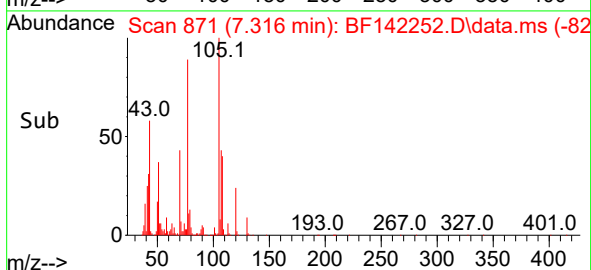
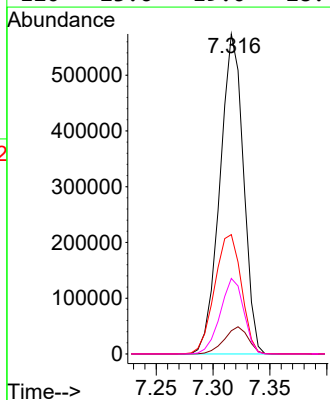
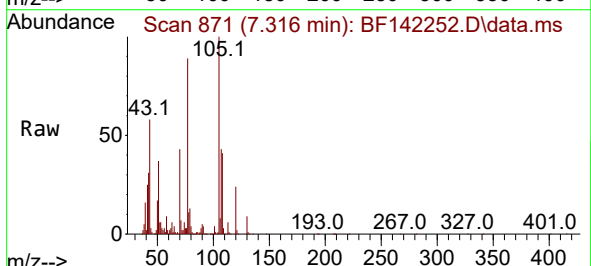
APPROVED

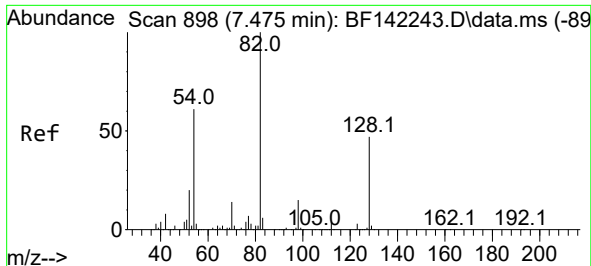
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025



#22
Acetophenone
Concen: 40.145 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:105 Resp: 826074
Ion Ratio Lower Upper
105 100
71 7.3 5.7 8.5
51 37.3 30.1 45.1
120 23.6 19.0 28.4





#23

Nitrobenzene-d5

Concen: 78.658 ng

RT: 7.469 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF142252.D

Acq: 01 May 2025 11:13

Instrument :

BNA_F

ClientSampleId :

PB167798BS

Tgt Ion: 82 Resp: 106492

Ion Ratio Lower Upper

82 100

128 44.2 37.0 55.6

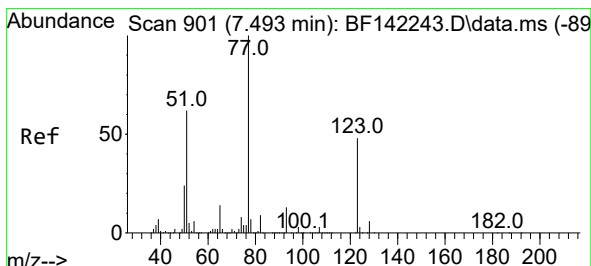
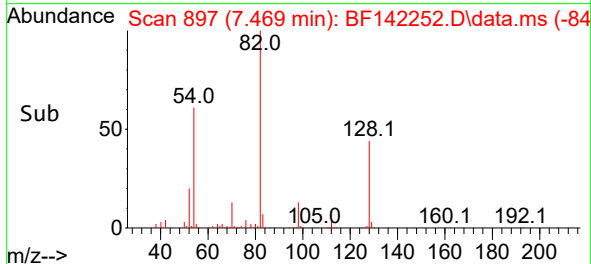
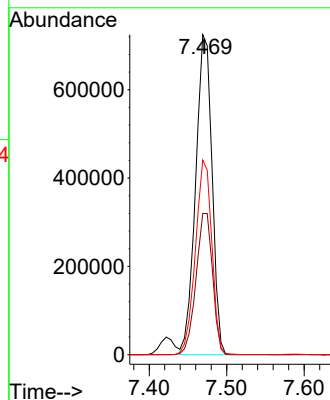
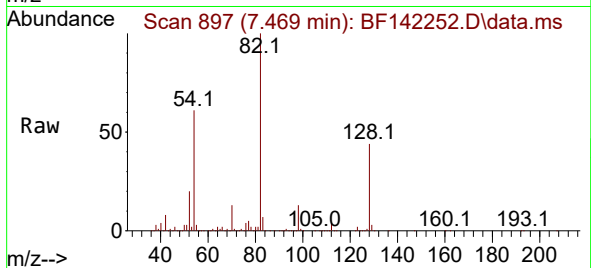
54 60.8 48.0 72.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/02/2025

Supervised By :Jagrut Upadhyay 05/02/2025



#24

Nitrobenzene

Concen: 44.506 ng

RT: 7.493 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF142252.D

Acq: 01 May 2025 11:13

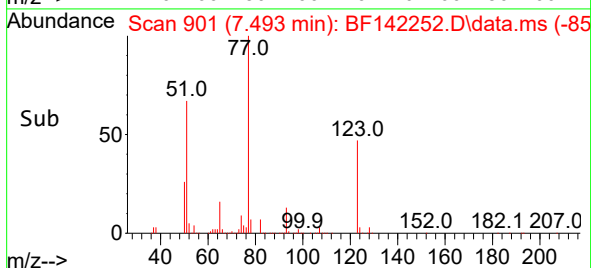
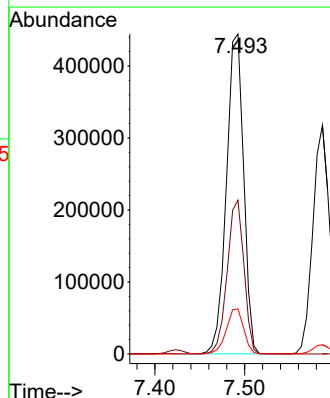
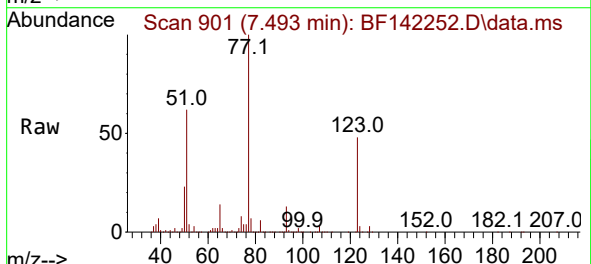
Tgt Ion: 77 Resp: 591218

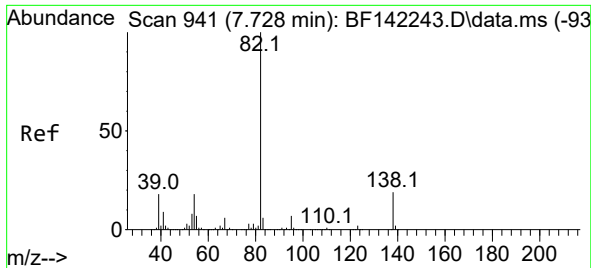
Ion Ratio Lower Upper

77 100

123 48.1 38.6 58.0

65 14.1 11.5 17.3





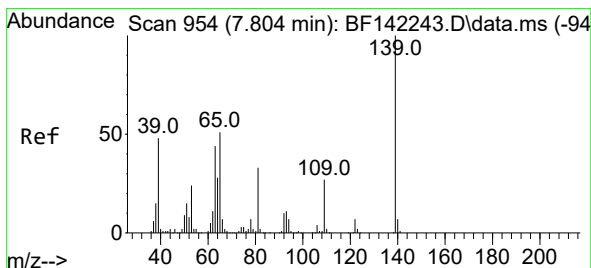
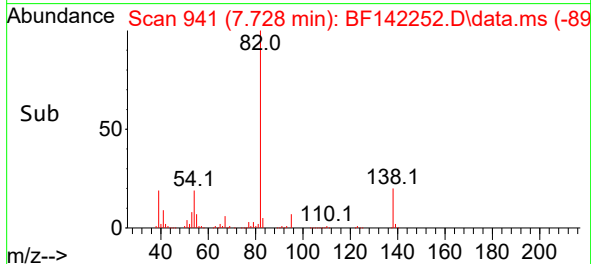
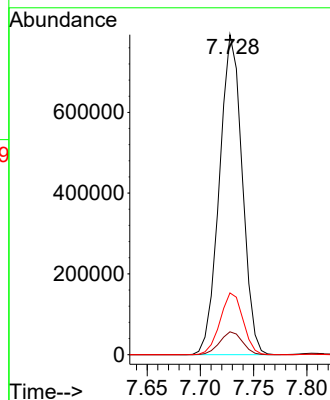
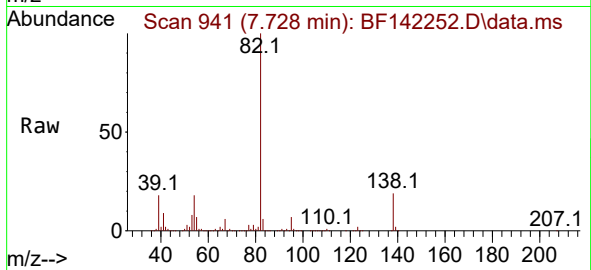
#25
Isophorone
Concen: 41.486 ng
RT: 7.728 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Instrument :
BNA_F
ClientSampleId :
PB167798BS

Tgt Ion: 82 Resp: 1178770
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 19.3 15.3 22.9

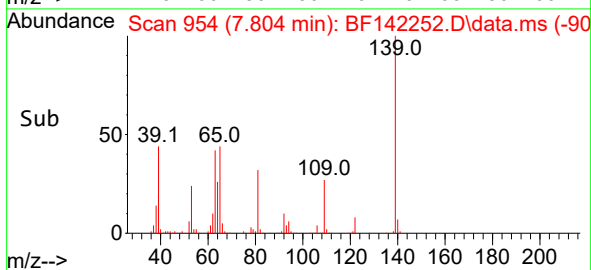
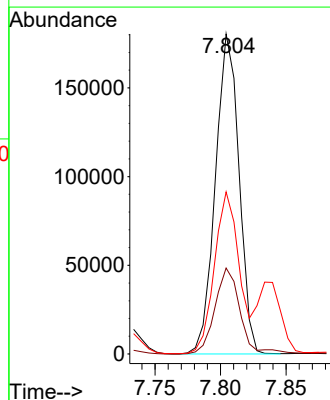
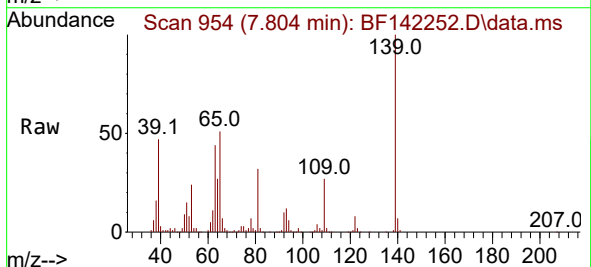
Manual Integrations
APPROVED

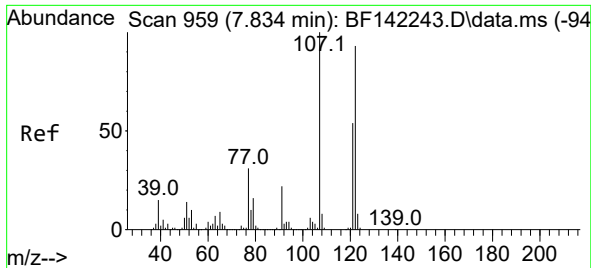
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025



#26
2-Nitrophenol
Concen: 41.847 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:139 Resp: 225734
Ion Ratio Lower Upper
139 100
109 26.8 21.8 32.8
65 50.7 41.1 61.7





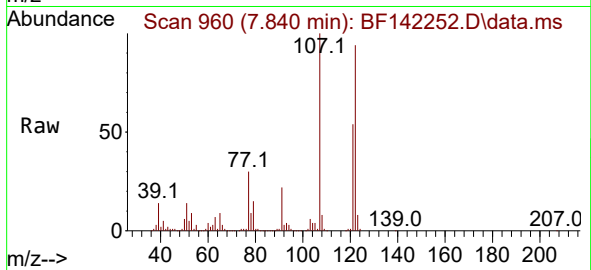
#27
2,4-Dimethylphenol
Concen: 42.086 ng
RT: 7.840 min Scan# 959
Delta R.T. 0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Instrument :

BNA_F

ClientSampleId :

PB167798BS

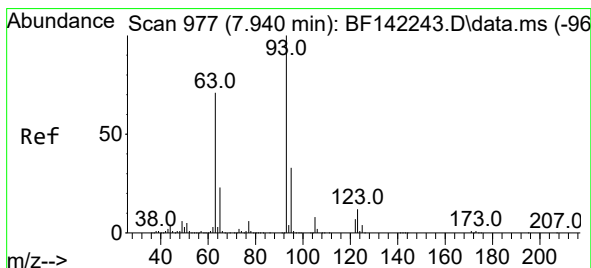
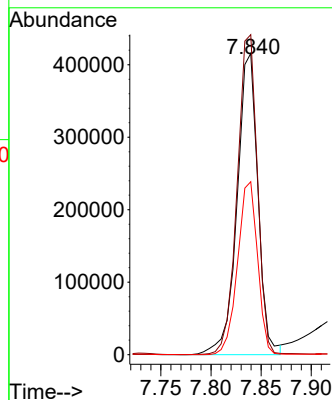
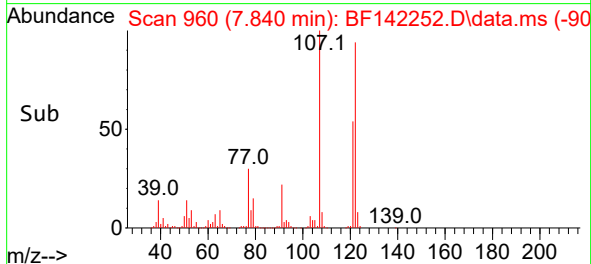


Tgt Ion:122 Resp: 60292
Ion Ratio Lower Upper
122 100
107 106.2 86.0 129.0
121 57.4 46.3 69.5

Manual Integrations

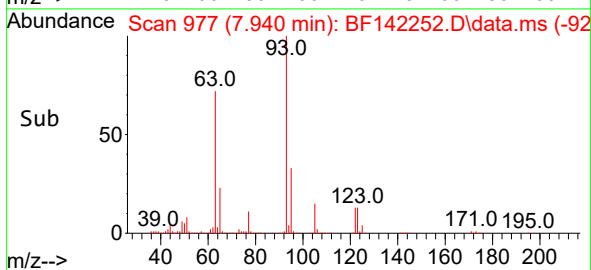
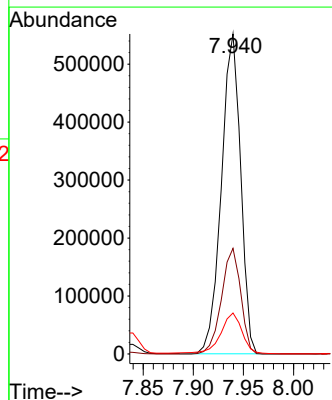
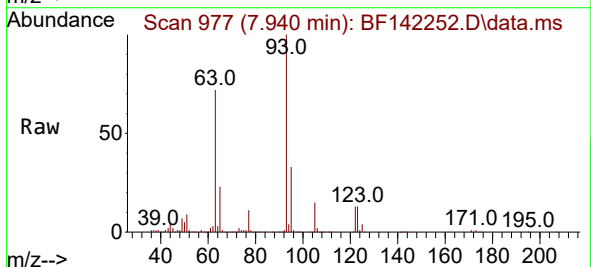
APPROVED

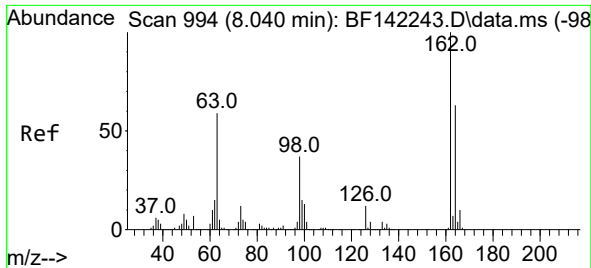
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025



#28
bis(2-Chloroethoxy)methane
Concen: 40.995 ng
RT: 7.940 min Scan# 977
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion: 93 Resp: 734626
Ion Ratio Lower Upper
93 100
95 33.0 26.2 39.2
123 12.8 9.7 14.5





#29
2,4-Dichlorophenol
Concen: 42.777 ng
RT: 8.040 min Scan# 994
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Instrument :

BNA_F

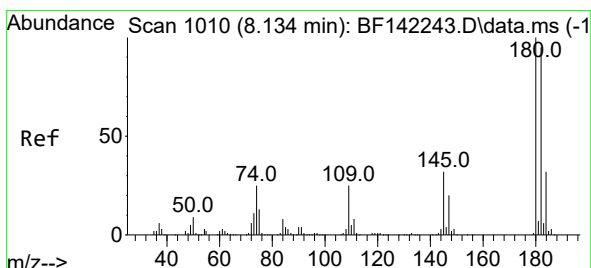
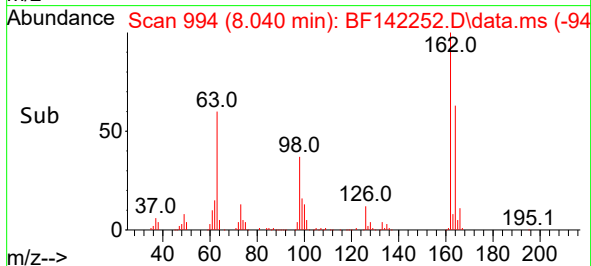
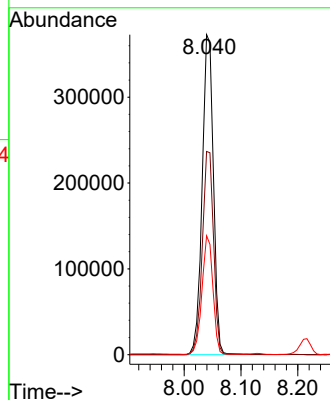
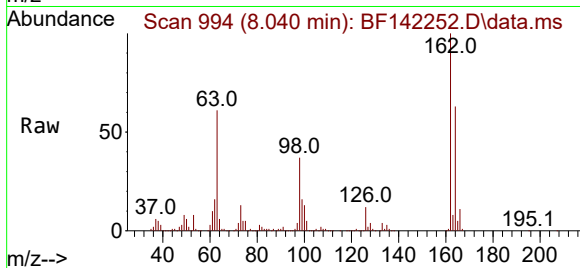
ClientSampleId :

PB167798BS

Tgt Ion:162 Resp: 512350
Ion Ratio Lower Upper
162 100
164 63.5 43.0 83.0
98 37.2 16.7 56.7

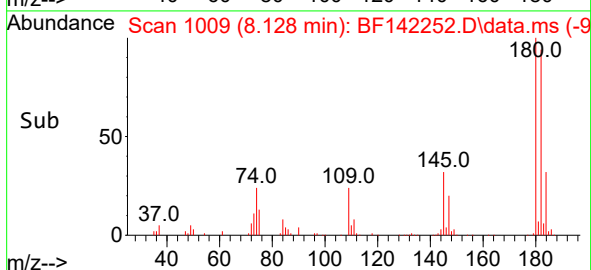
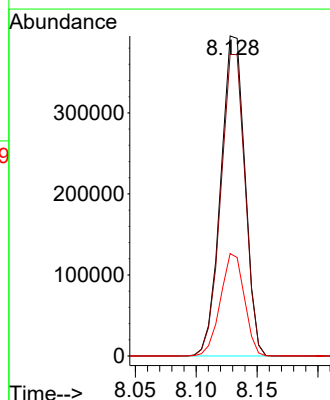
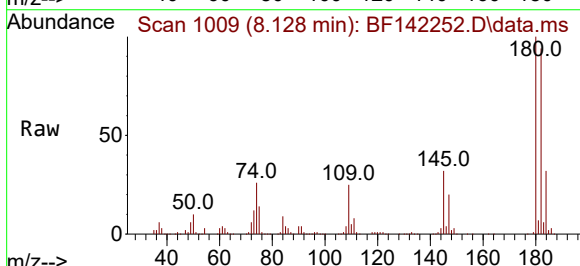
Manual Integrations
APPROVED

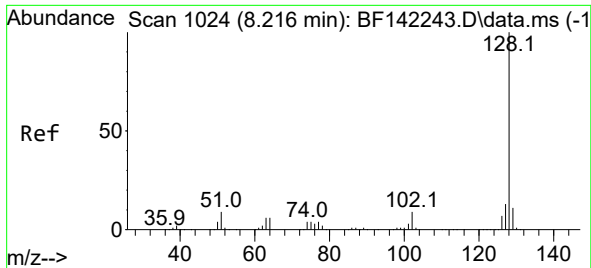
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025



#30
1,2,4-Trichlorobenzene
Concen: 40.953 ng
RT: 8.128 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:180 Resp: 547350
Ion Ratio Lower Upper
180 100
182 94.2 75.7 113.5
145 32.0 25.4 38.0





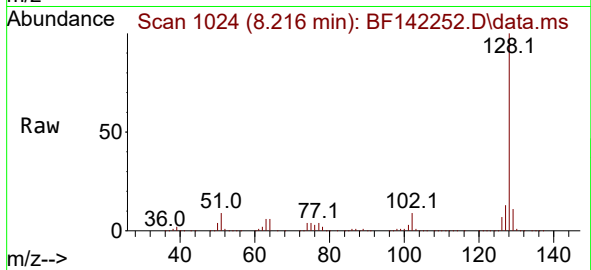
#31
Naphthalene
Concen: 40.399 ng
RT: 8.216 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Instrument :

BNA_F

ClientSampleId :

PB167798BS



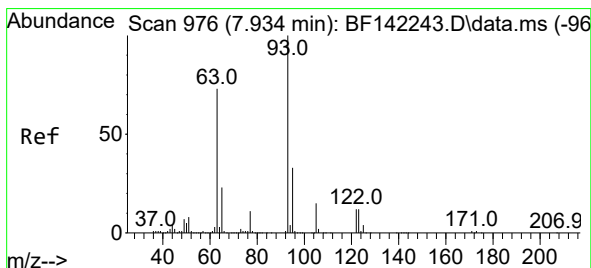
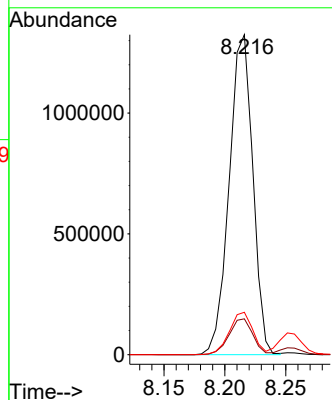
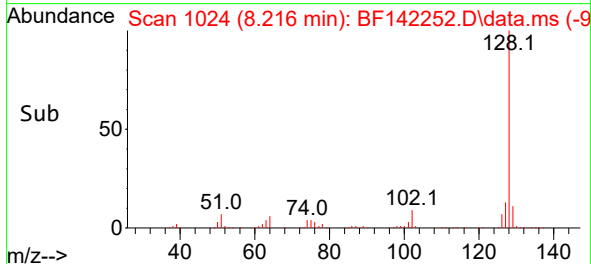
Tgt Ion:128 Resp: 179200
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.3 10.6 15.8

Manual Integrations

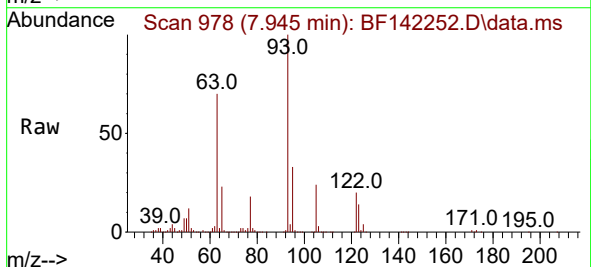
APPROVED

Reviewed By :Rahul Chavli 05/02/2025

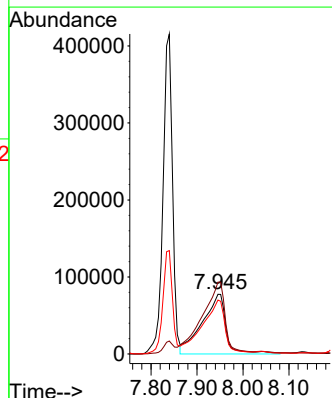
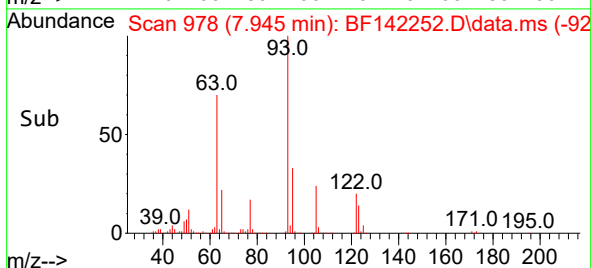
Supervised By :Jagrut Upadhyay 05/02/2025

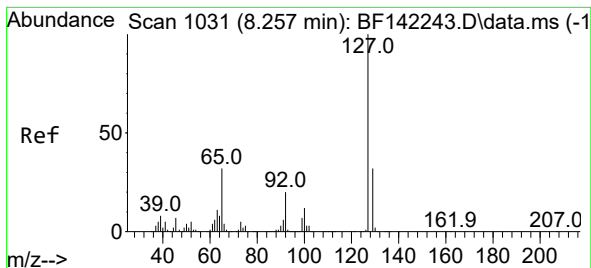


#32
Benzoic acid
Concen: 42.883 ng m
RT: 7.945 min Scan# 978
Delta R.T. 0.011 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13



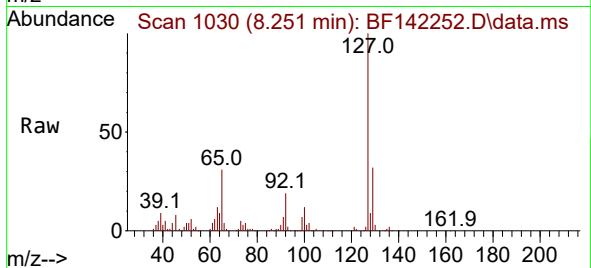
Tgt Ion:122 Resp: 282191
Ion Ratio Lower Upper
122 100
105 120.3 98.2 138.2
77 90.3 66.8 106.8





#33
4-Chloroaniline
Concen: 6.579 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

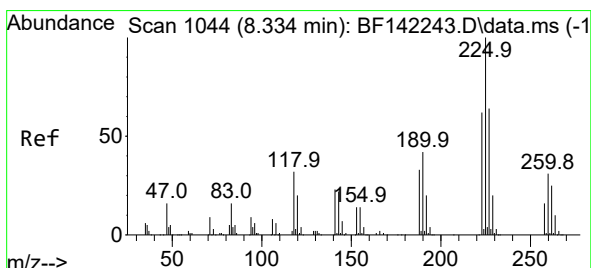
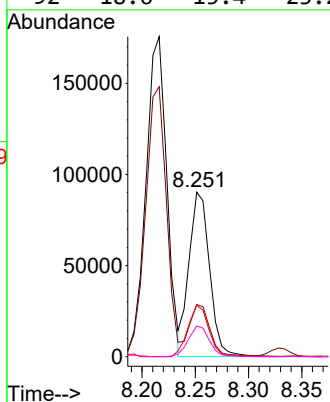
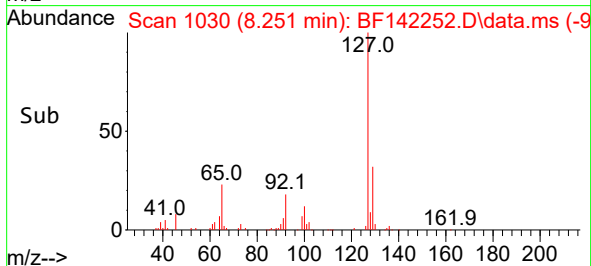
Instrument :
BNA_F
ClientSampleId :
PB167798BS



Tgt Ion:127 Resp: 121514
Ion Ratio Lower Upper
127 100
129 31.7 26.1 39.1
65 31.4 25.5 38.3
92 18.6 15.4 23.2

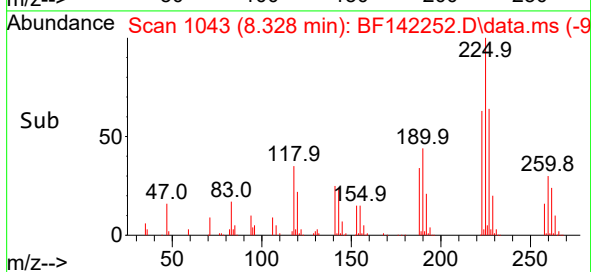
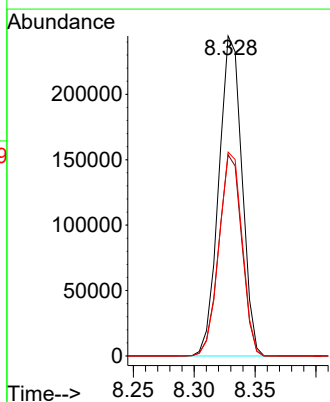
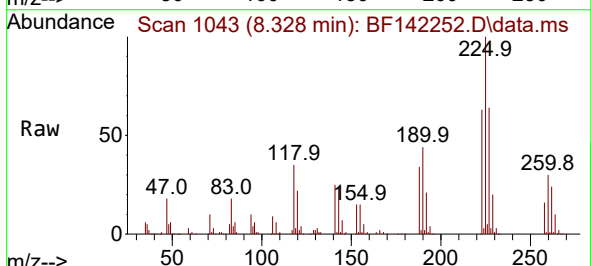
Manual Integrations
APPROVED

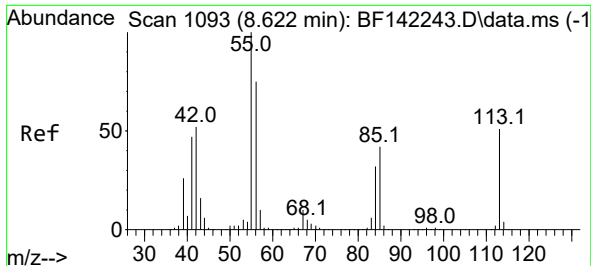
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025



#34
Hexachlorobutadiene
Concen: 41.453 ng
RT: 8.328 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

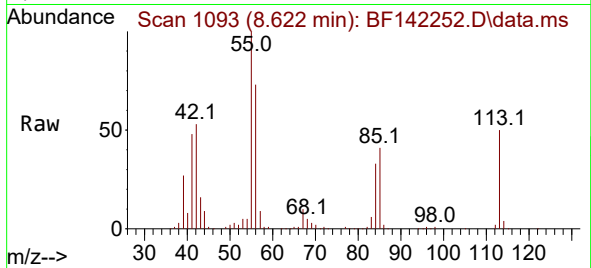
Tgt Ion:225 Resp: 323243
Ion Ratio Lower Upper
225 100
223 62.9 49.7 74.5
227 63.7 51.0 76.4





#35
 Caprolactam
 Concen: 45.568 ng m
 RT: 8.622 min Scan# 1093
 Delta R.T. -0.000 min
 Lab File: BF142252.D
 Acq: 01 May 2025 11:13

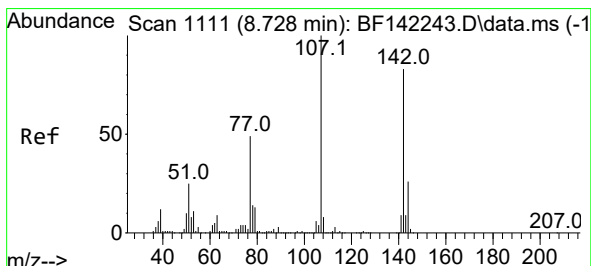
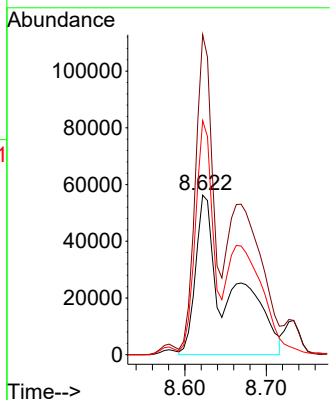
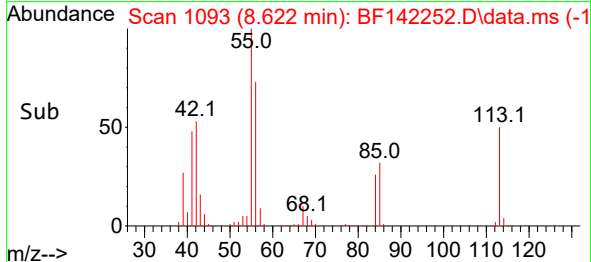
Instrument :
 BNA_F
 ClientSampleId :
 PB167798BS



Tgt Ion:113 Resp: 164045
 Ion Ratio Lower Upper
 113 100
 55 200.6 177.7 217.7
 56 146.8 127.1 167.1

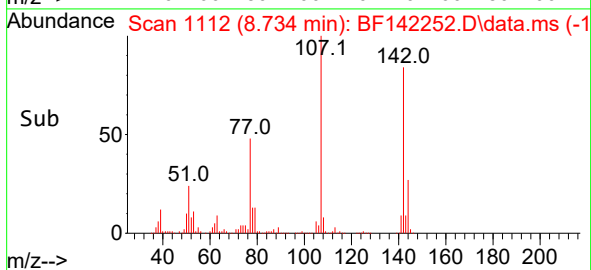
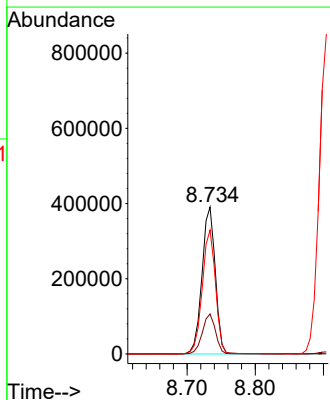
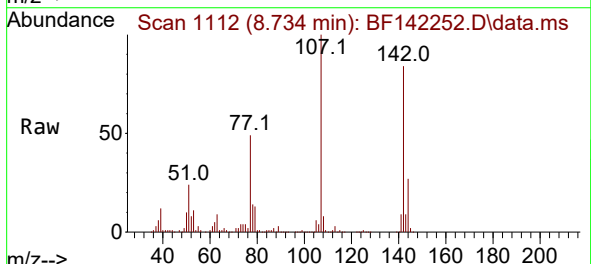
Manual Integrations
 APPROVED

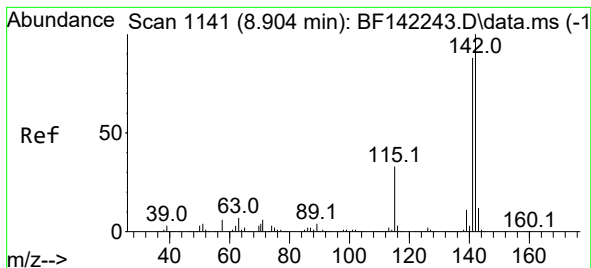
Reviewed By :Rahul Chavli 05/02/2025
 Supervised By :Jagrut Upadhyay 05/02/2025



#36
 4-Chloro-3-methylphenol
 Concen: 43.315 ng
 RT: 8.734 min Scan# 1112
 Delta R.T. 0.006 min
 Lab File: BF142252.D
 Acq: 01 May 2025 11:13

Tgt Ion:107 Resp: 532722
 Ion Ratio Lower Upper
 107 100
 144 27.2 21.0 31.4
 142 84.4 66.1 99.1





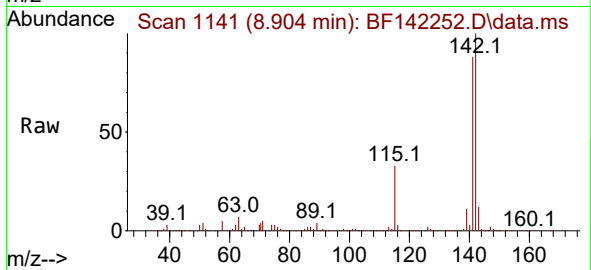
#37
2-Methylnaphthalene
Concen: 40.544 ng
RT: 8.904 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Instrument :

BNA_F

ClientSampleId :

PB167798BS



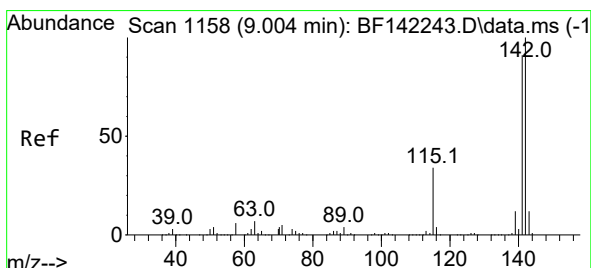
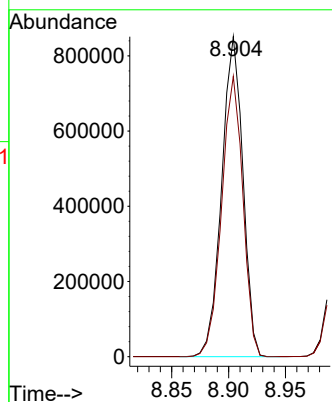
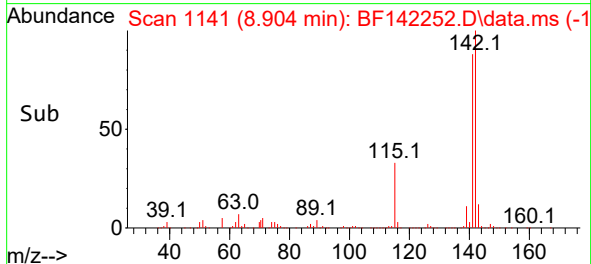
Tgt Ion:142 Resp: 1105725
Ion Ratio Lower Upper
142 100
141 87.6 70.5 105.7

Manual Integrations

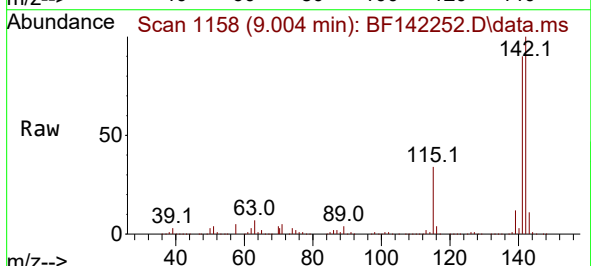
APPROVED

Reviewed By :Rahul Chavli 05/02/2025

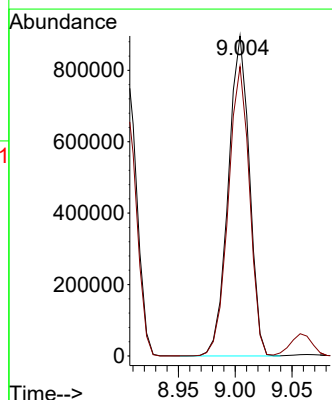
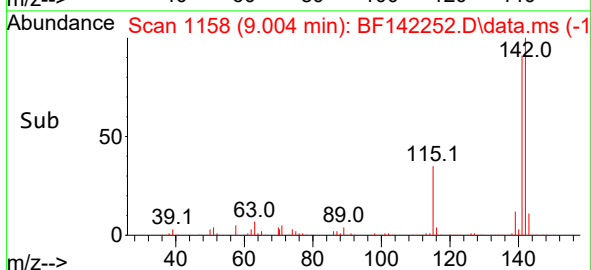
Supervised By :Jagrut Upadhyay 05/02/2025

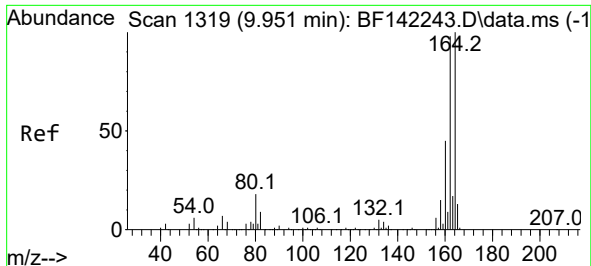


#38
1-Methylnaphthalene
Concen: 41.039 ng
RT: 9.004 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13



Tgt Ion:142 Resp: 1159466
Ion Ratio Lower Upper
142 100
141 90.4 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF142252.D

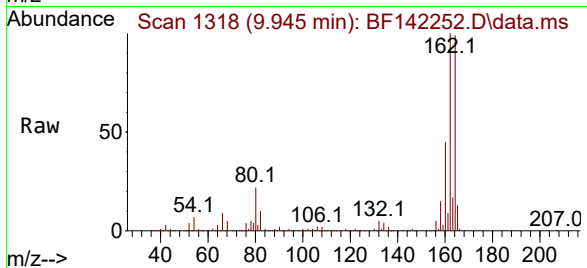
Acq: 01 May 2025 11:13

Instrument :

BNA_F

ClientSampleId :

PB167798BS



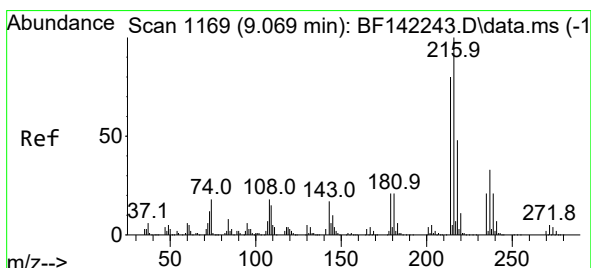
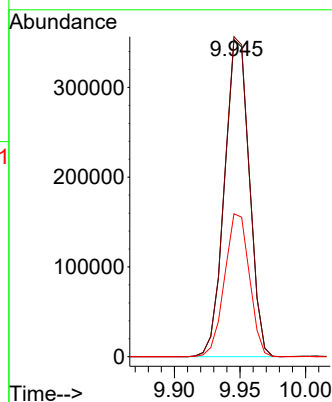
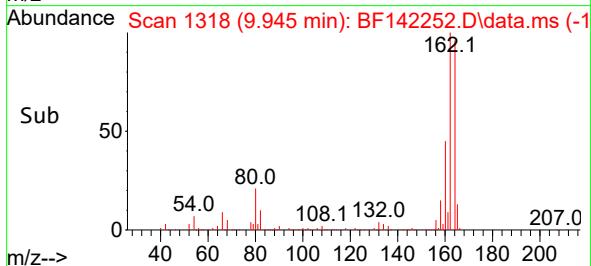
Tgt Ion:	164	Resp:	464234
Ion Ratio	100	Lower	Upper
164	100		
162	100.9	78.6	117.8
160	45.1	35.7	53.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/02/2025

Supervised By :Jagrut Upadhyay 05/02/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.032 ng

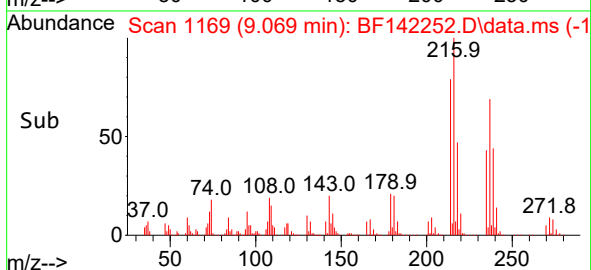
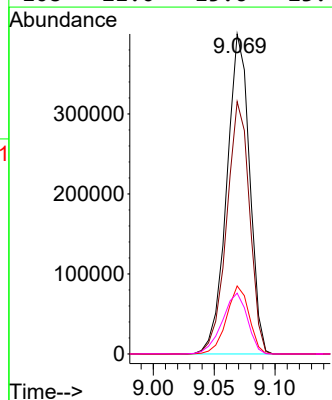
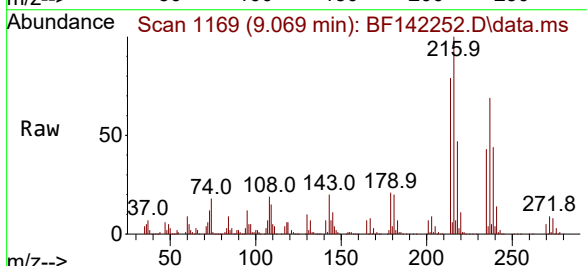
RT: 9.069 min Scan# 1169

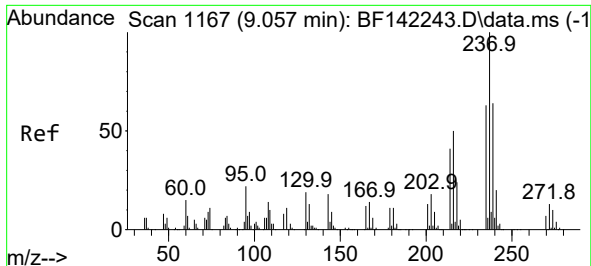
Delta R.T. -0.000 min

Lab File: BF142252.D

Acq: 01 May 2025 11:13

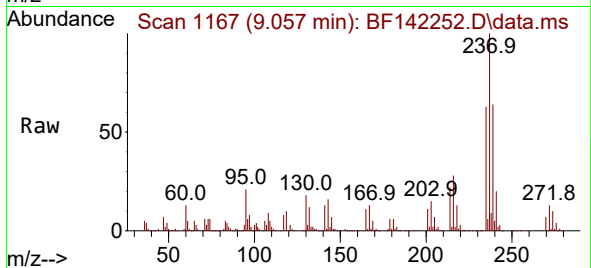
Tgt Ion:	216	Resp:	523019
Ion Ratio	100	Lower	Upper
216	100		
214	78.8	63.8	95.6
179	21.0	16.7	25.1
108	21.0	15.6	23.4





#41
Hexachlorocyclopentadiene
Concen: 88.906 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

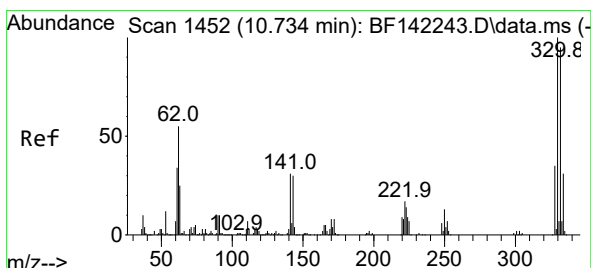
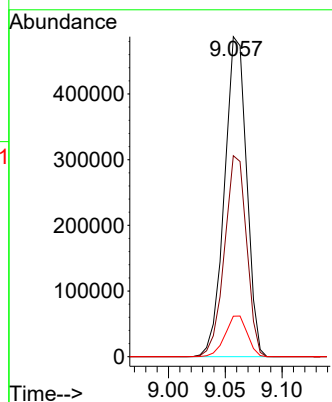
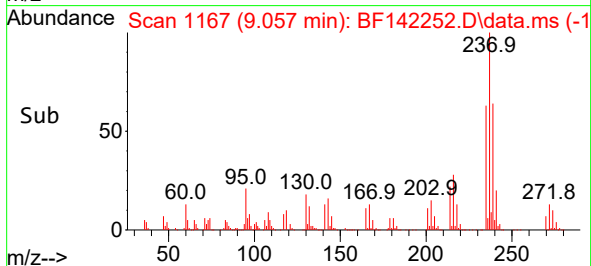
Instrument :
BNA_F
ClientSampleId :
PB167798BS



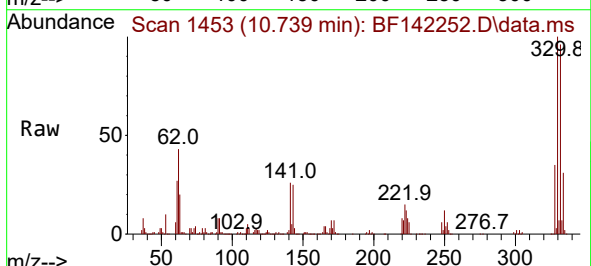
Tgt Ion:237 Resp: 65924
Ion Ratio Lower Upper
237 100
235 62.8 43.5 83.5
272 12.6 0.0 32.9

Manual Integrations
APPROVED

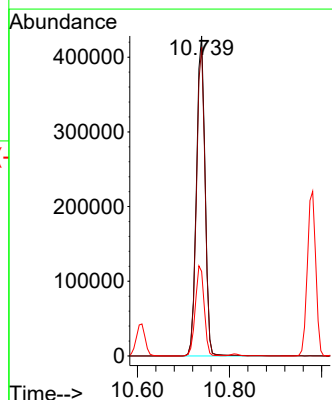
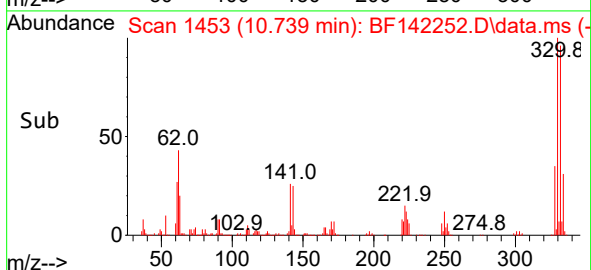
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

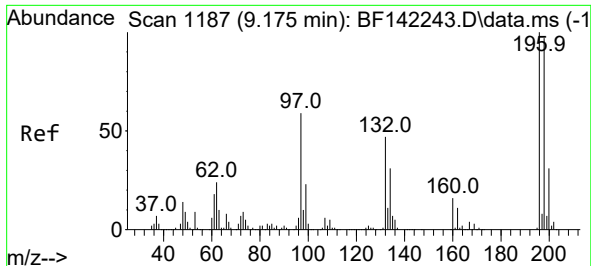


#42
2,4,6-Tribromophenol
Concen: 130.679 ng
RT: 10.739 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13



Tgt Ion:330 Resp: 553053
Ion Ratio Lower Upper
330 100
332 96.3 76.5 114.7
141 29.1 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 43.843 ng

RT: 9.175 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BF142252.D

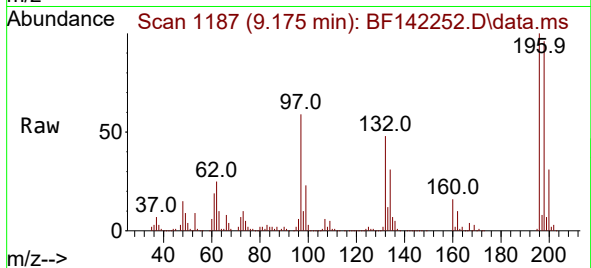
Acq: 01 May 2025 11:13

Instrument :

BNA_F

ClientSampleId :

PB167798BS



Tgt Ion:196 Resp: 35494

Ion Ratio Lower Upper

196 100

198 95.6 77.4 116.2

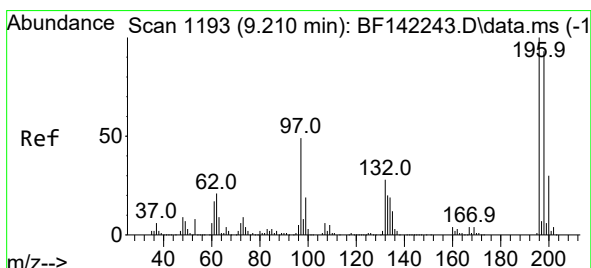
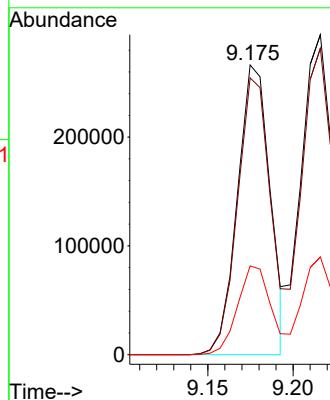
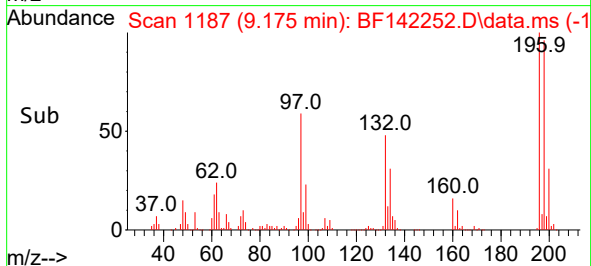
200 30.7 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/02/2025

Supervised By :Jagrut Upadhyay 05/02/2025



#44

2,4,5-Trichlorophenol

Concen: 45.404 ng

RT: 9.216 min Scan# 1194

Delta R.T. 0.006 min

Lab File: BF142252.D

Acq: 01 May 2025 11:13

Tgt Ion:196 Resp: 386474

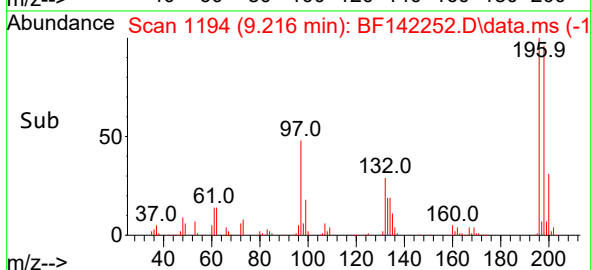
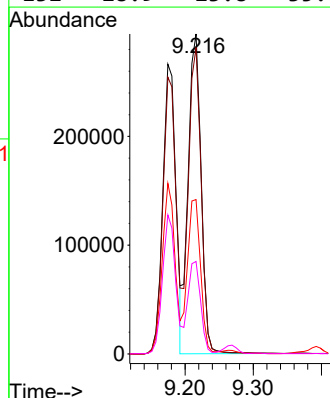
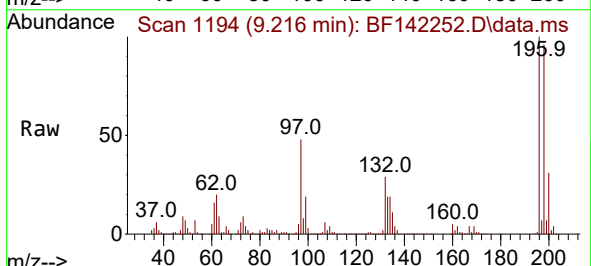
Ion Ratio Lower Upper

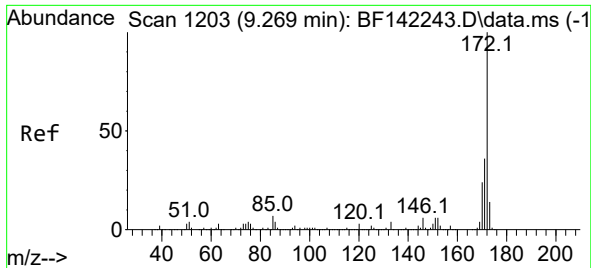
196 100

198 95.7 75.2 112.8

97 48.2 39.8 59.8

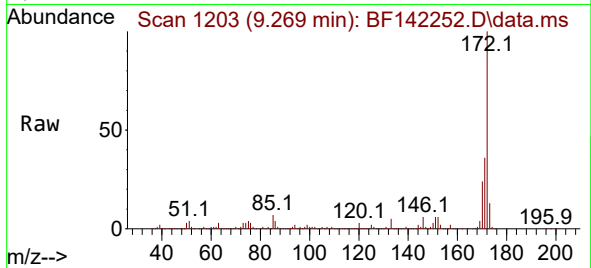
132 28.9 23.8 35.8





#45
2-Fluorobiphenyl
Concen: 69.221 ng
RT: 9.269 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

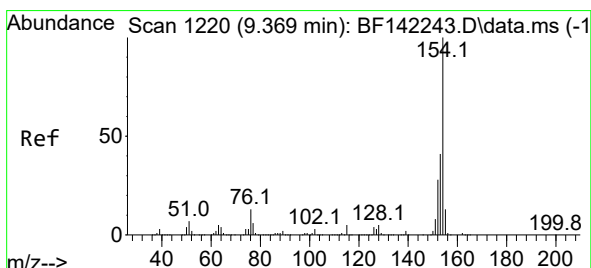
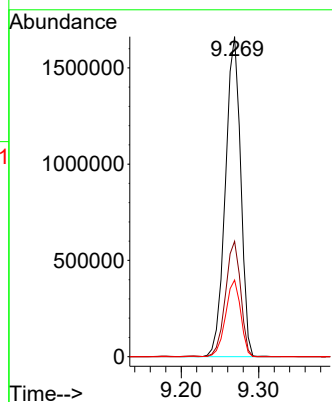
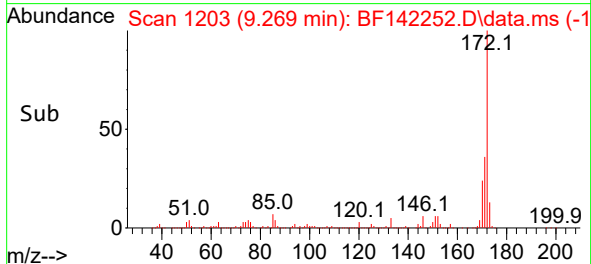
Instrument :
BNA_F
ClientSampleId :
PB167798BS



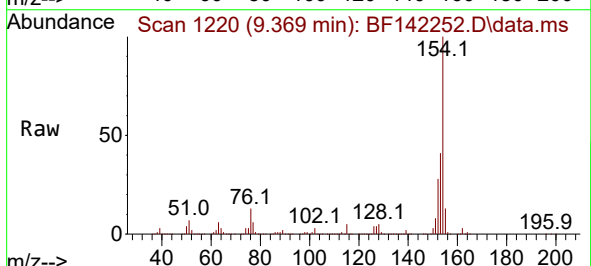
Tgt Ion:172 Resp: 227911
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.4
170 24.0 19.4 29.0

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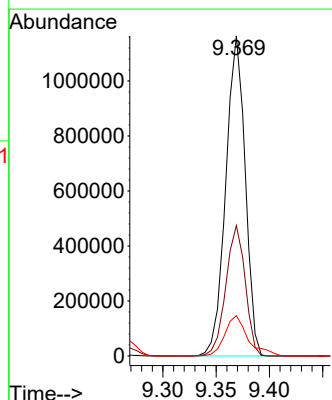
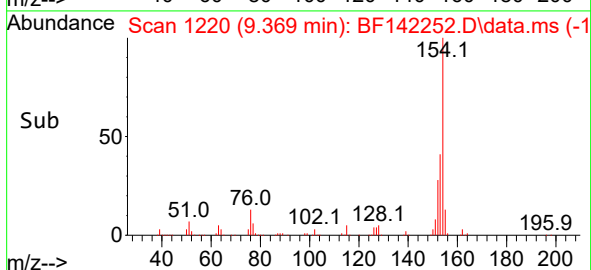
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

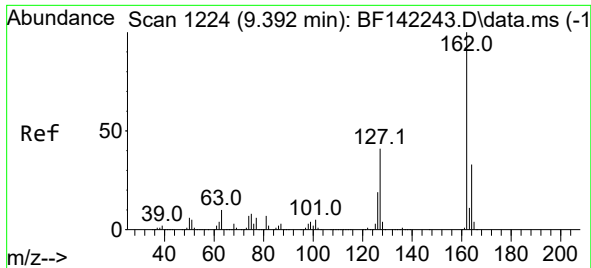


#46
1,1'-Biphenyl
Concen: 40.881 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13



Tgt Ion:154 Resp: 1475397
Ion Ratio Lower Upper
154 100
153 40.8 20.5 60.5
76 12.6 0.0 32.8





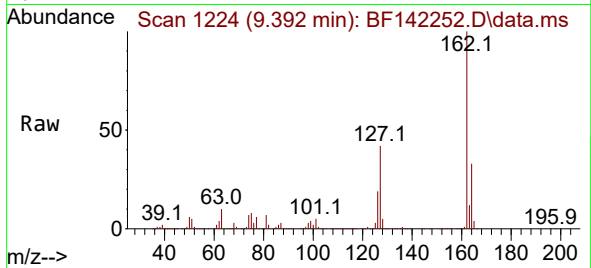
#47
2-Chloronaphthalene
Concen: 40.695 ng
RT: 9.392 min Scan# 1224
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Instrument :

BNA_F

ClientSampleId :

PB167798BS



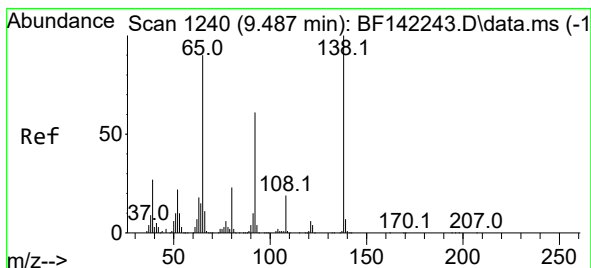
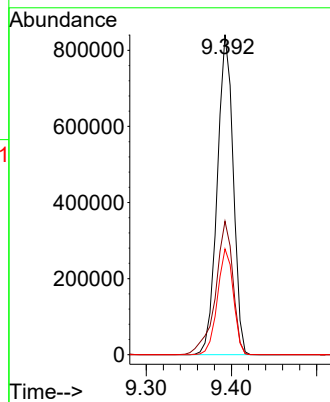
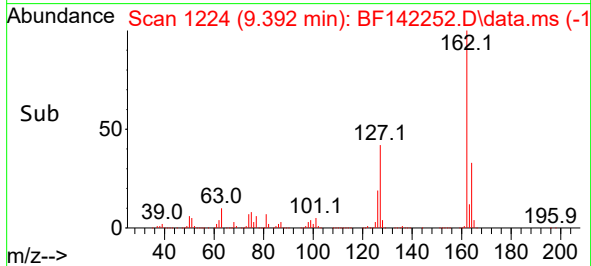
Tgt Ion:162 Resp: 1092692
Ion Ratio Lower Upper
162 100
127 41.7 32.6 49.0
164 33.1 26.1 39.1

Manual Integrations

APPROVED

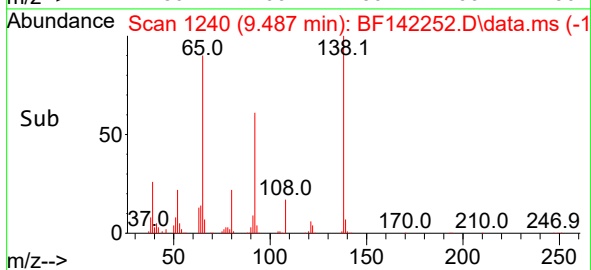
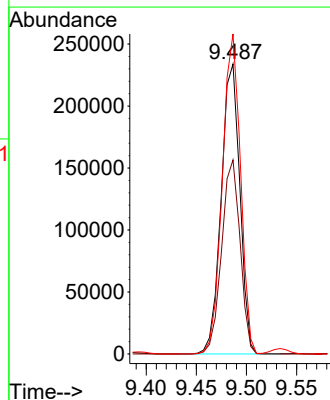
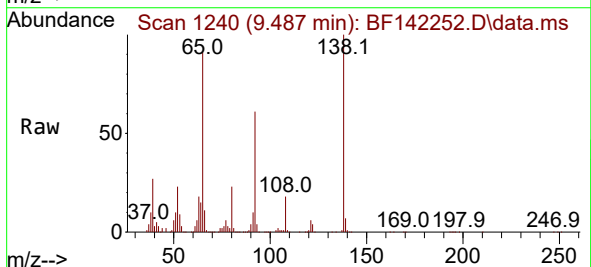
Reviewed By :Rahul Chavli 05/02/2025

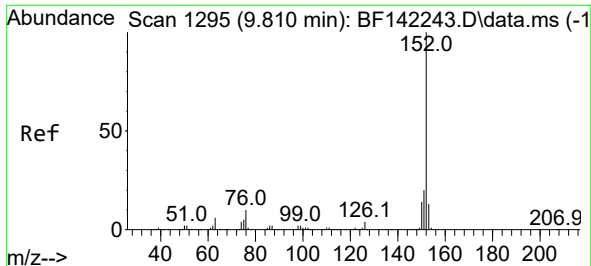
Supervised By :Jagrut Upadhyay 05/02/2025



#48
2-Nitroaniline
Concen: 43.124 ng
RT: 9.487 min Scan# 1240
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

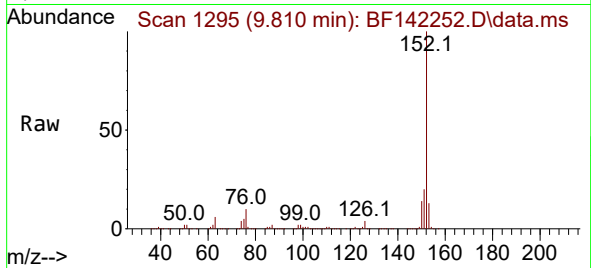
Tgt Ion: 65 Resp: 301543
Ion Ratio Lower Upper
65 100
92 66.9 54.3 81.5
138 110.4 88.6 133.0





#49
Acenaphthylene
Concen: 41.234 ng
RT: 9.810 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

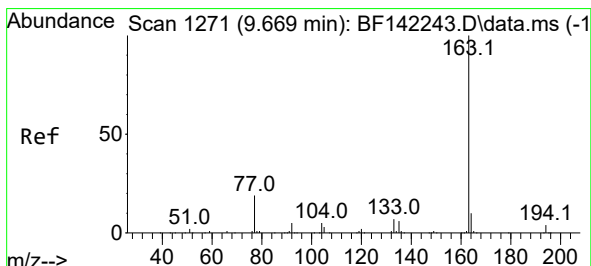
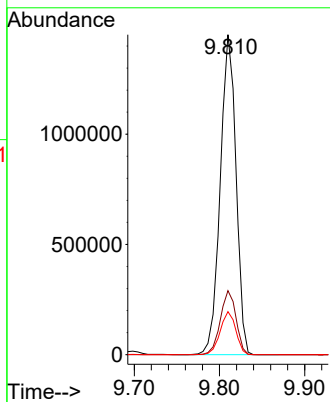
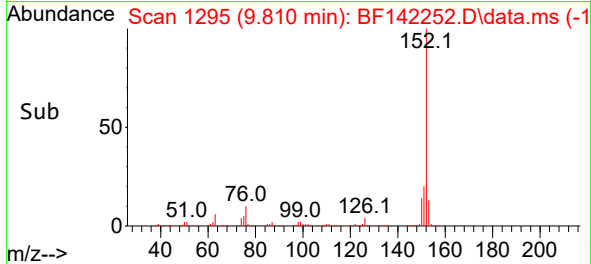
Instrument :
BNA_F
ClientSampleId :
PB167798BS



Tgt Ion:152 Resp: 186831
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.4 10.7 16.1

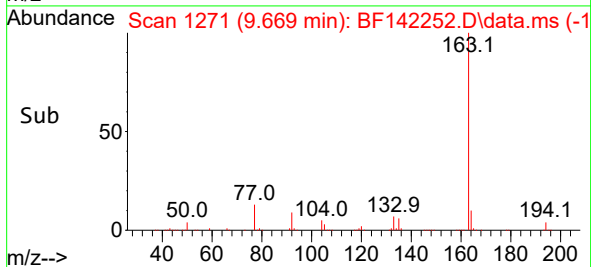
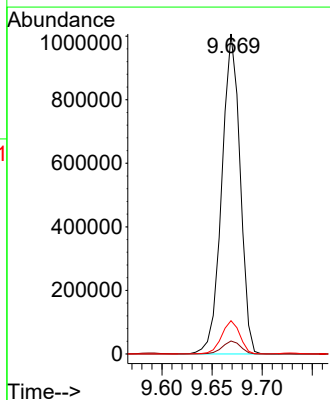
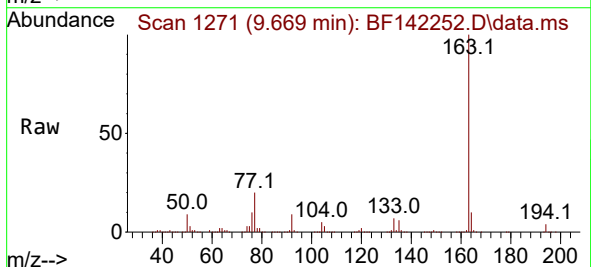
Manual Integrations
APPROVED

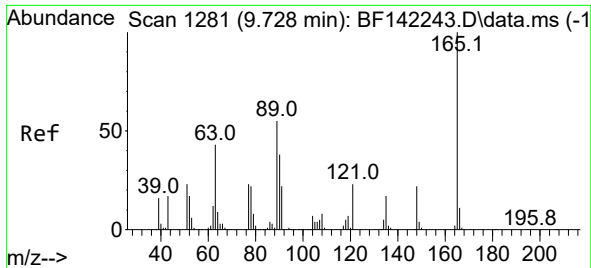
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025



#50
Dimethylphthalate
Concen: 43.038 ng
RT: 9.669 min Scan# 1271
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

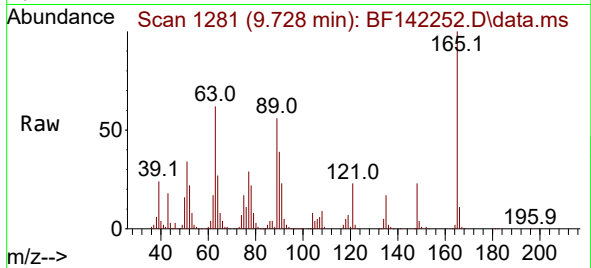
Tgt Ion:163 Resp: 1278203
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.4 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 43.832 ng
RT: 9.728 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

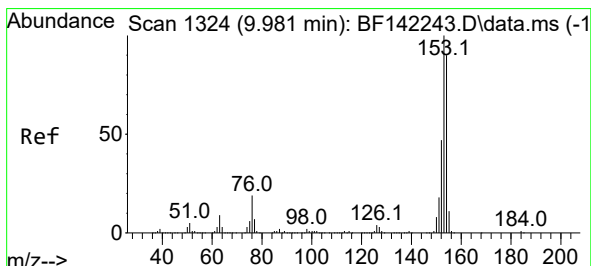
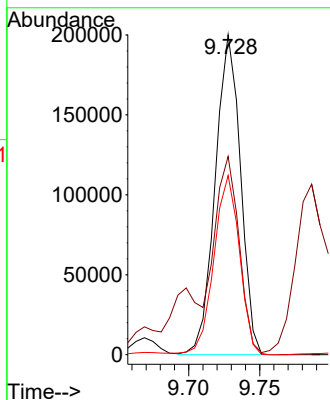
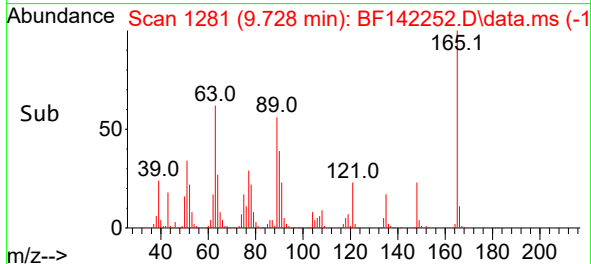
Instrument :
BNA_F
ClientSampleId :
PB167798BS



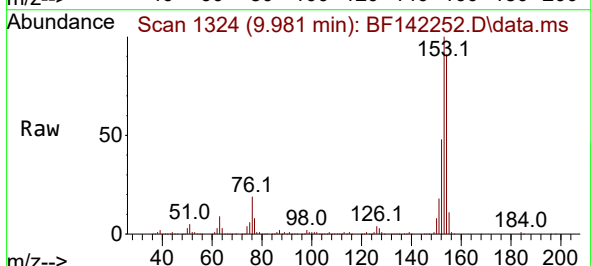
Tgt Ion:165 Resp: 247512
Ion Ratio Lower Upper
165 100
63 61.9 48.5 72.7
89 56.0 43.9 65.9

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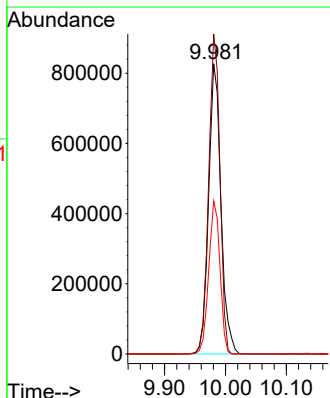
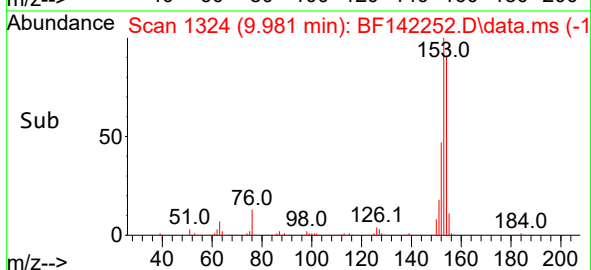
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

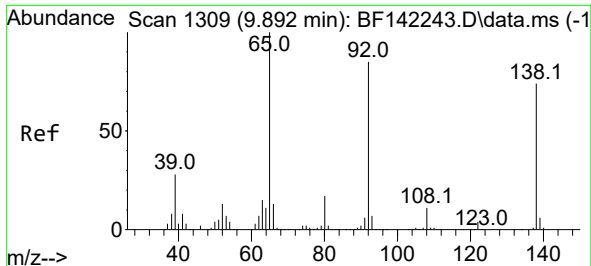


#52
Acenaphthene
Concen: 43.895 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13



Tgt Ion:154 Resp: 1161277
Ion Ratio Lower Upper
154 100
153 110.3 88.6 133.0
152 52.7 42.1 63.1





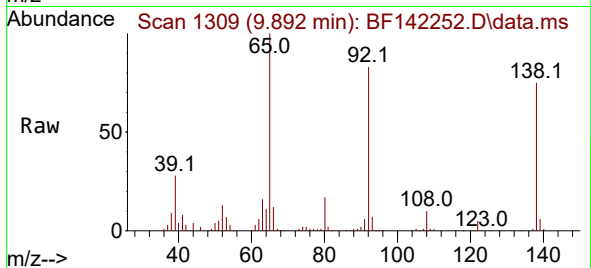
#53
3-Nitroaniline
Concen: 19.467 ng
RT: 9.892 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Instrument :

BNA_F

ClientSampleId :

PB167798BS



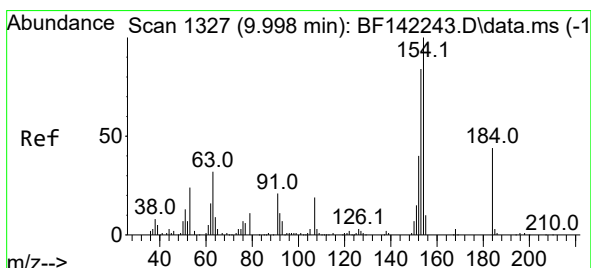
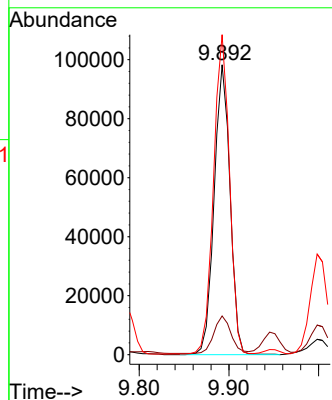
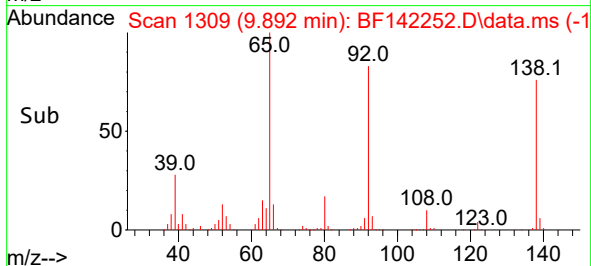
Tgt Ion:138 Resp: 120832
Ion Ratio Lower Upper
138 100
108 13.4 11.7 17.5
92 110.4 91.2 136.8

Manual Integrations

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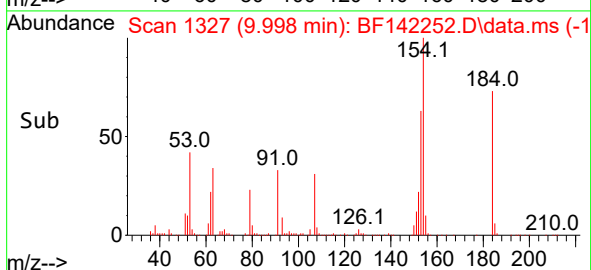
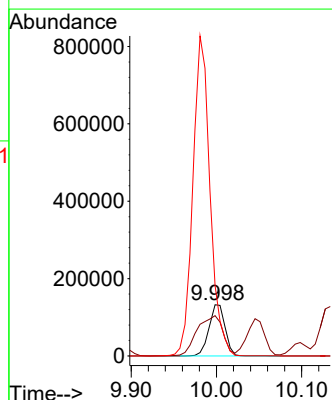
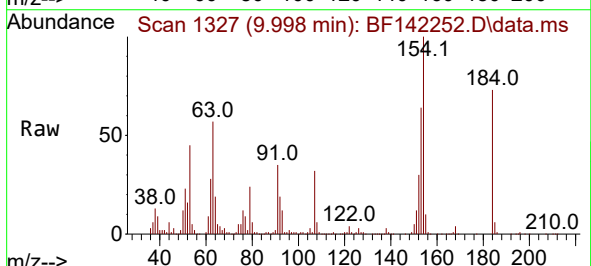
Reviewed By :Rahul Chavli 05/02/2025

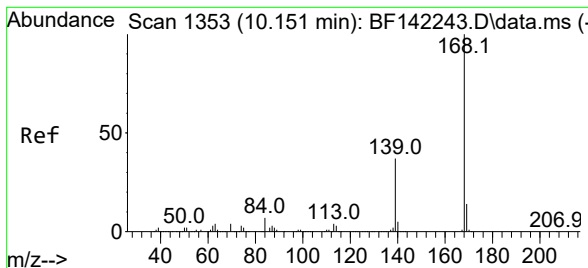
Supervised By :Jagrut Upadhyay 05/02/2025



#54
2,4-Dinitrophenol
Concen: 84.535 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

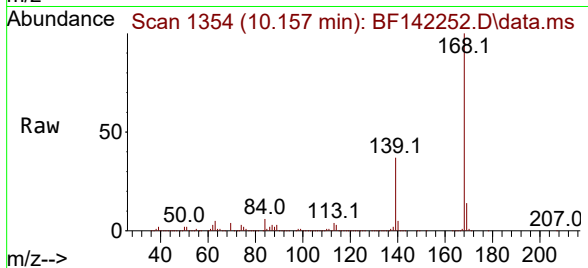
Tgt Ion:184 Resp: 173600
Ion Ratio Lower Upper
184 100
63 78.8 69.2 103.8
154 137.3 271.4 407.2#





#55
Dibenzenofuran
Concen: 40.827 ng
RT: 10.157 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

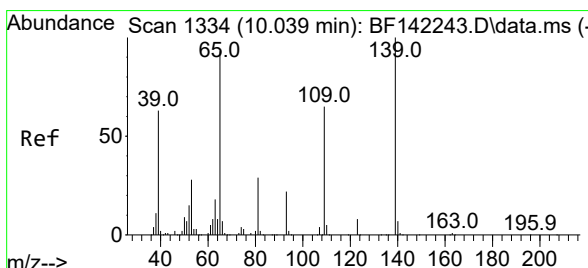
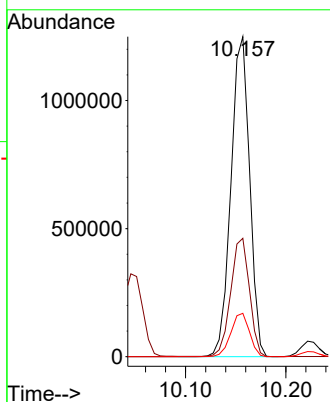
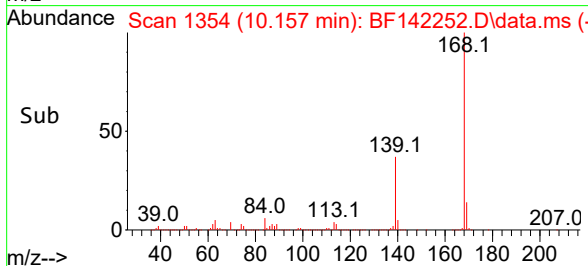
Instrument :
BNA_F
ClientSampleId :
PB167798BS



Tgt Ion:168 Resp: 161914
Ion Ratio Lower Upper
168 100
139 37.0 29.4 44.0
169 13.6 11.0 16.4

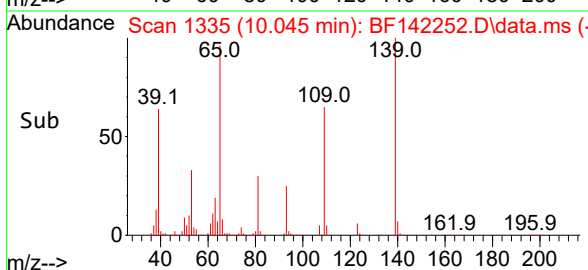
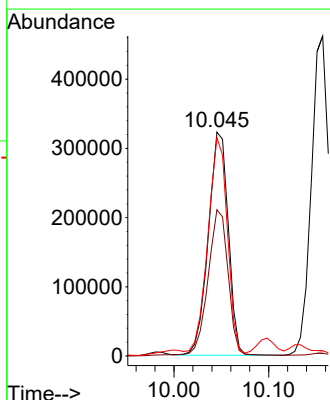
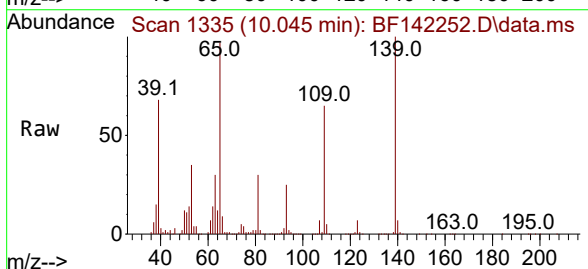
Manual Integrations
APPROVED

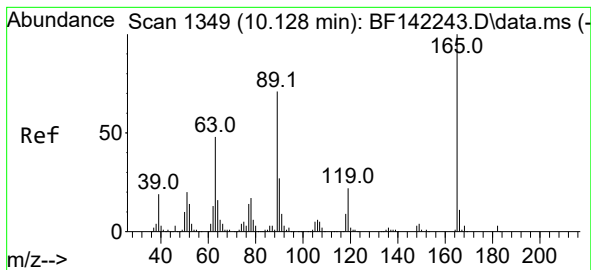
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025



#56
4-Nitrophenol
Concen: 101.045 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

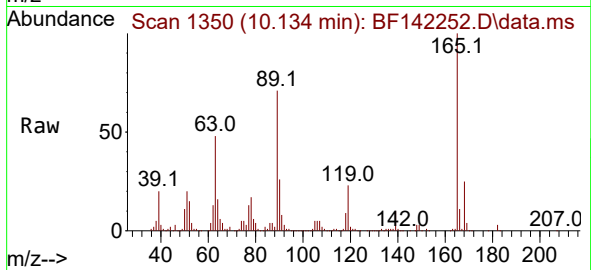
Tgt Ion:139 Resp: 471700
Ion Ratio Lower Upper
139 100
109 65.3 44.9 84.9
65 97.5 74.7 114.7





#57
2,4-Dinitrotoluene
Concen: 48.433 ng
RT: 10.134 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

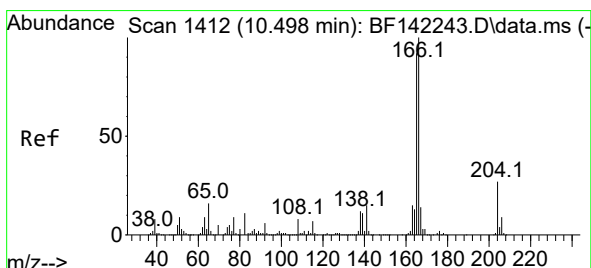
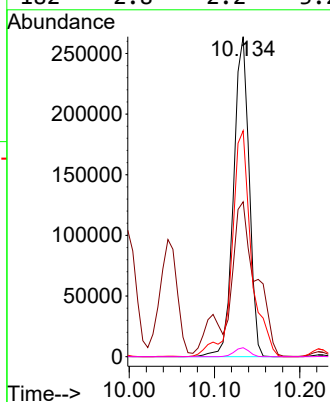
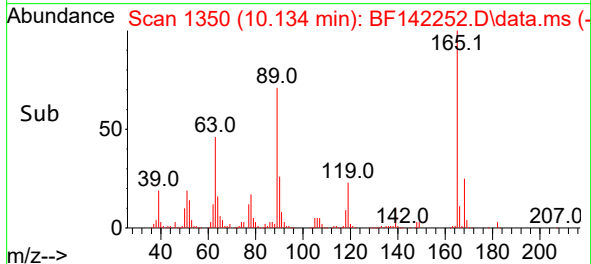
Instrument :
BNA_F
ClientSampleId :
PB167798BS



Tgt Ion:165 Resp: 334335
Ion Ratio Lower Upper
165 100
63 48.4 38.8 58.2
89 70.6 57.1 85.7
182 2.8 2.2 3.2

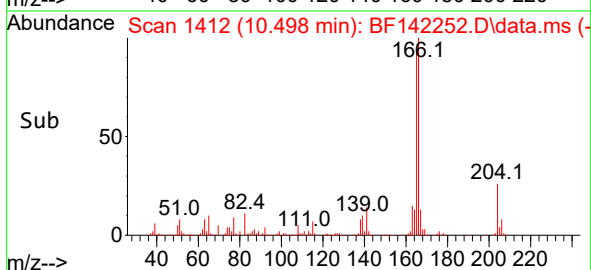
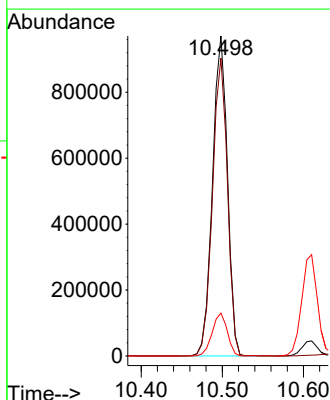
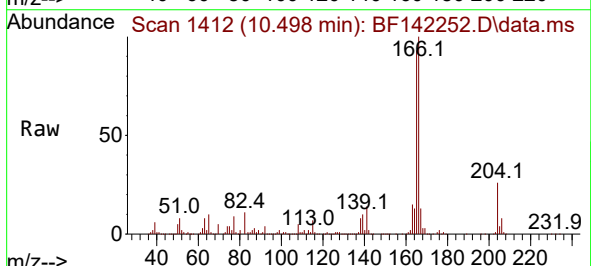
Manual Integrations
APPROVED

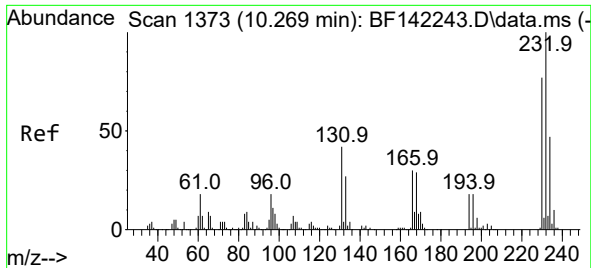
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025



#58
Fluorene
Concen: 41.143 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

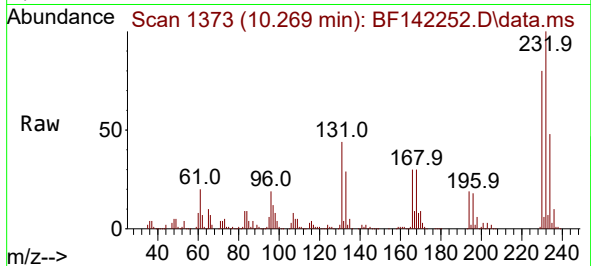
Tgt Ion:166 Resp: 1240639
Ion Ratio Lower Upper
166 100
165 93.0 73.9 110.9
167 13.4 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.934 ng
RT: 10.269 min Scan# 1373
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

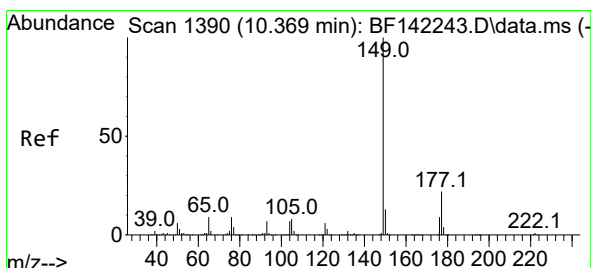
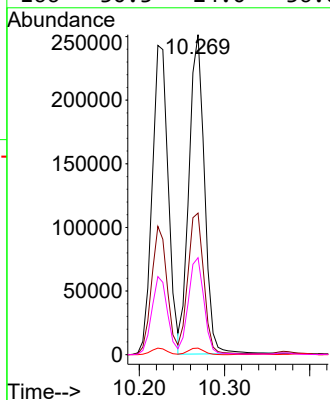
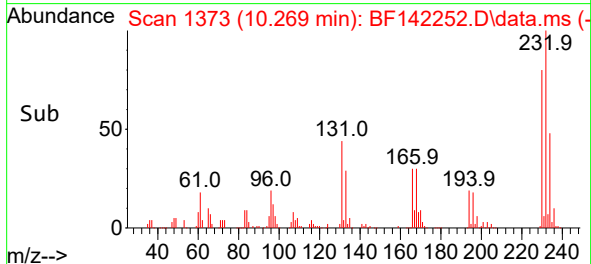
Instrument :
BNA_F
ClientSampleId :
PB167798BS



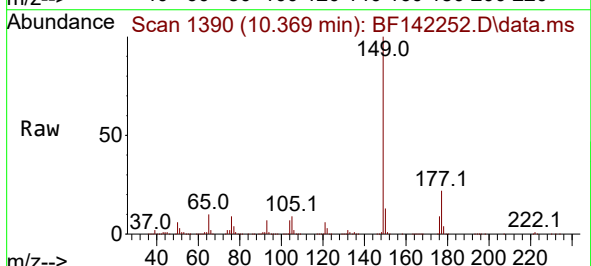
Tgt Ion:232 Resp: 31682
Ion Ratio Lower Upper
232 100
131 45.9 35.9 53.9
130 2.1 1.8 2.6
166 30.3 24.0 36.0

Manual Integrations
APPROVED

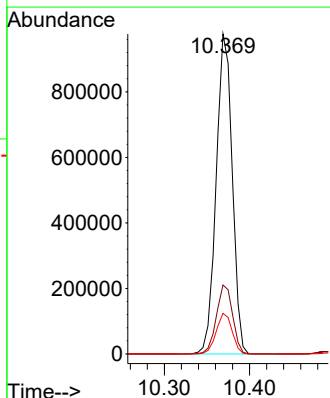
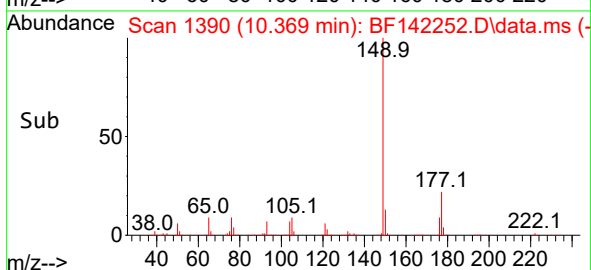
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

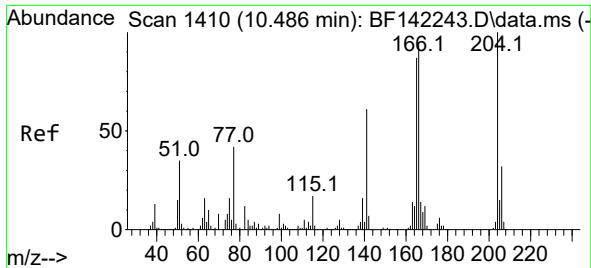


#60
Diethylphthalate
Concen: 43.657 ng
RT: 10.369 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13



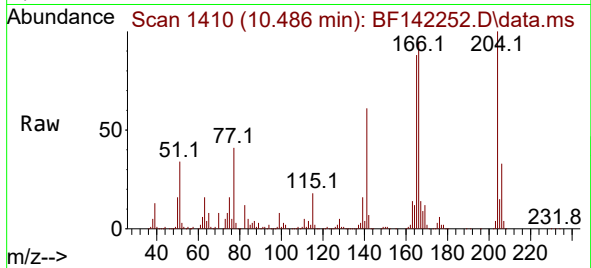
Tgt Ion:149 Resp: 1280368
Ion Ratio Lower Upper
149 100
177 21.6 17.6 26.4
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 40.745 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

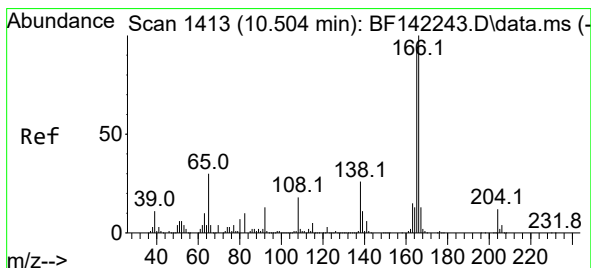
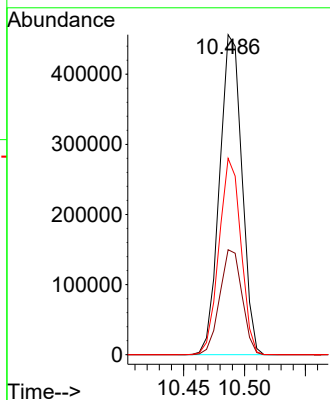
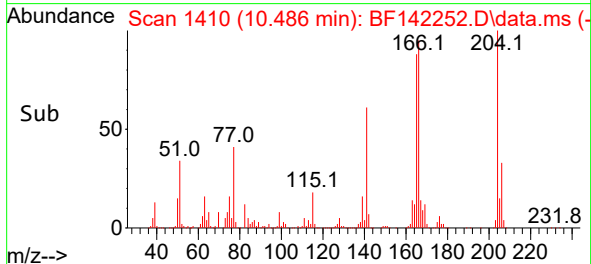
Instrument :
BNA_F
ClientSampleId :
PB167798BS



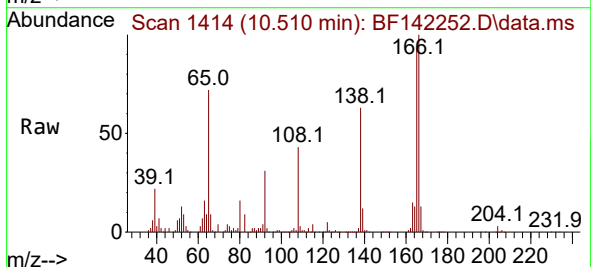
Tgt Ion:204 Resp: 58348
Ion Ratio Lower Upper
204 100
206 32.8 25.6 38.4
141 61.4 48.9 73.3

Manual Integrations
APPROVED

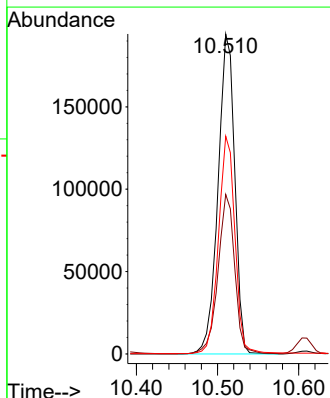
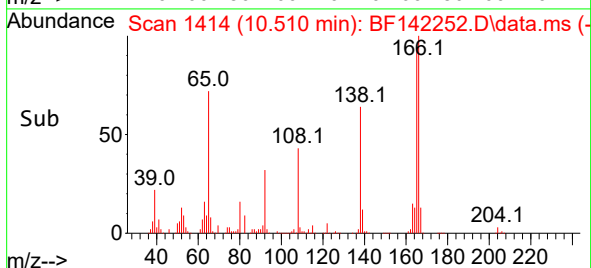
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

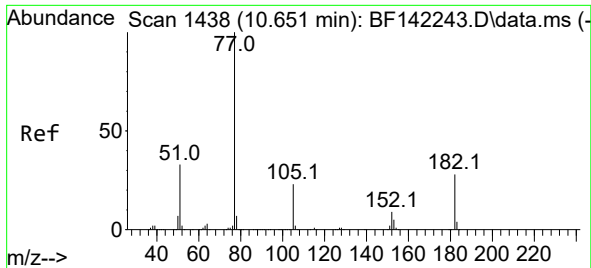


#62
4-Nitroaniline
Concen: 44.489 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13



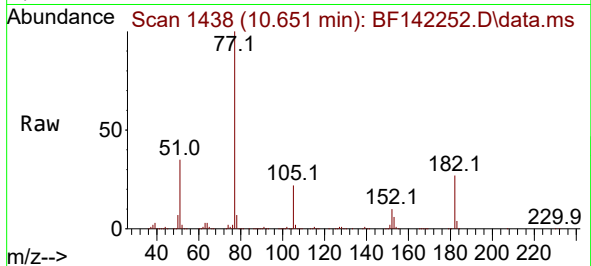
Tgt Ion:138 Resp: 278877
Ion Ratio Lower Upper
138 100
92 49.8 29.2 69.2
108 68.0 49.1 89.1





#63
Azobenzene
Concen: 42.308 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

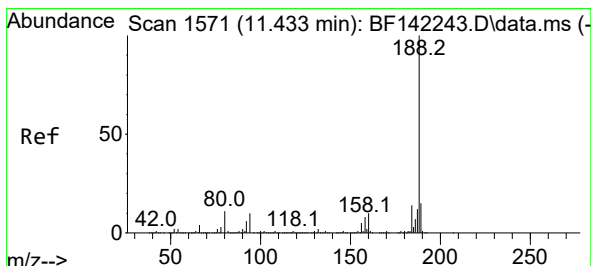
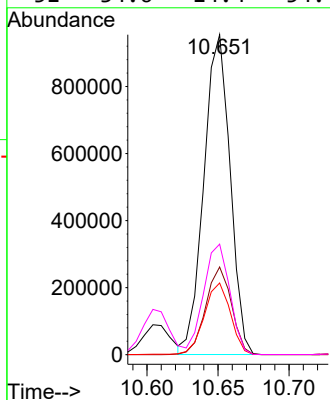
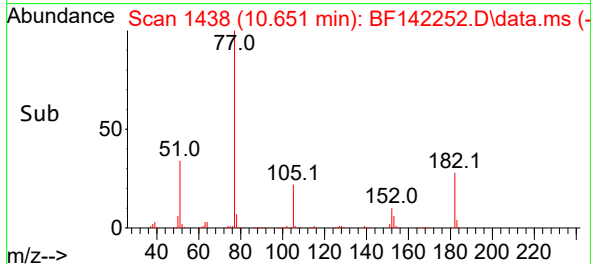
Instrument :
BNA_F
ClientSampleId :
PB167798BS



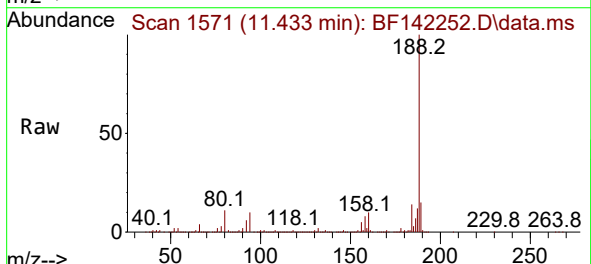
Tgt Ion: 77 Resp: 122528
Ion Ratio Lower Upper
77 100
182 27.4 7.3 47.3
105 22.4 2.5 42.5
51 34.6 14.4 54.4

Manual Integrations
APPROVED

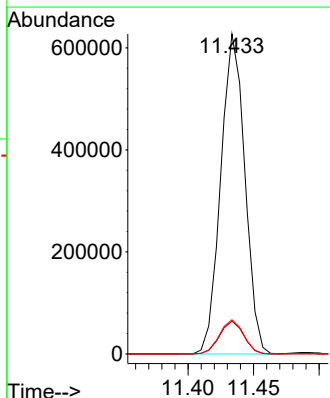
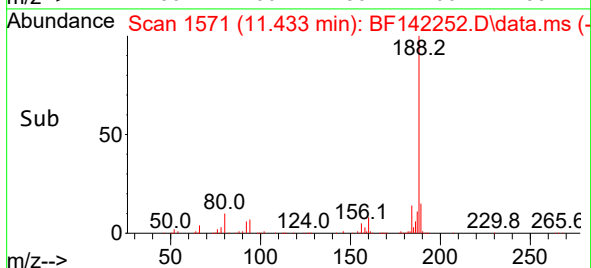
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

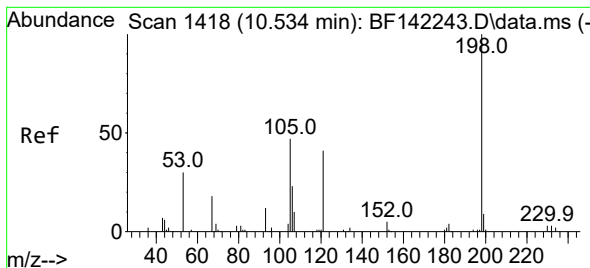


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13



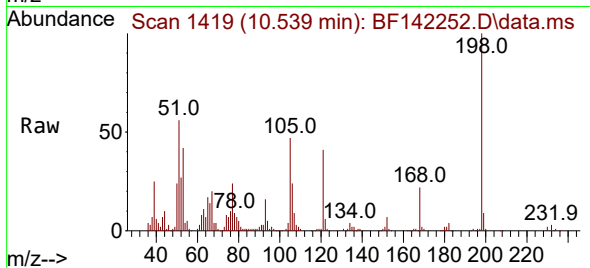
Tgt Ion:188 Resp: 800889
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 10.7 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 44.424 ng
RT: 10.539 min Scan# 1418
Delta R.T. 0.005 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

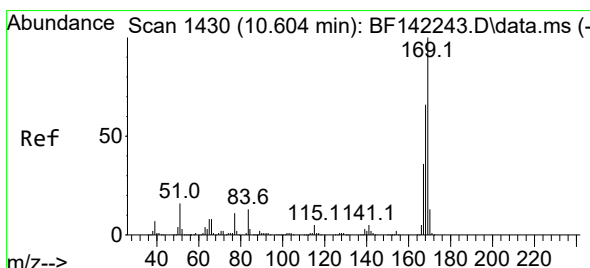
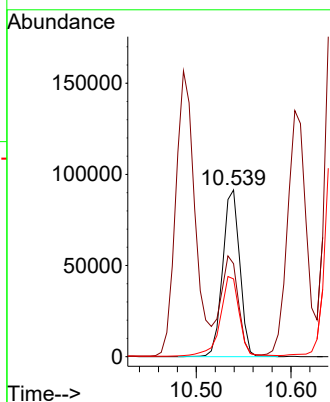
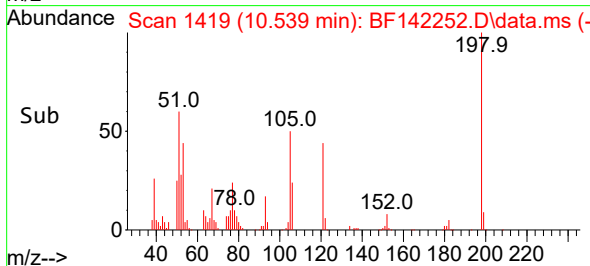
Instrument :
BNA_F
ClientSampleId :
PB167798BS



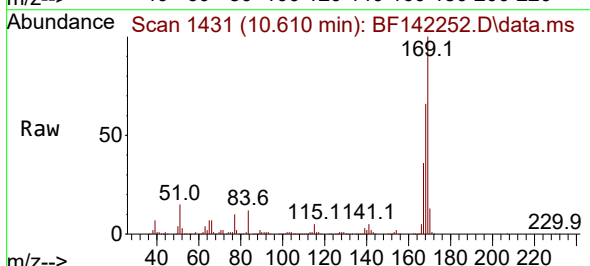
Tgt Ion:198 Resp: 114521
Ion Ratio Lower Upper
198 100
51 55.8 40.6 80.6
105 46.7 29.2 69.2

Manual Integrations
APPROVED

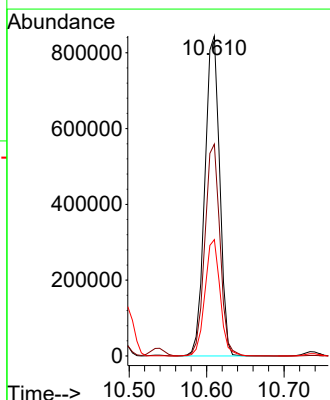
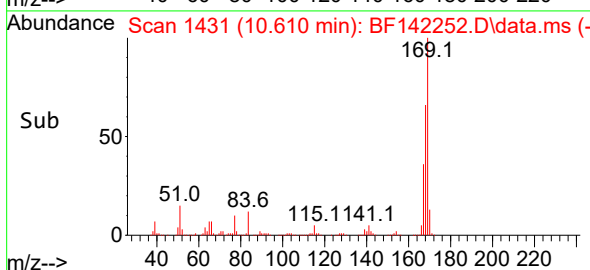
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

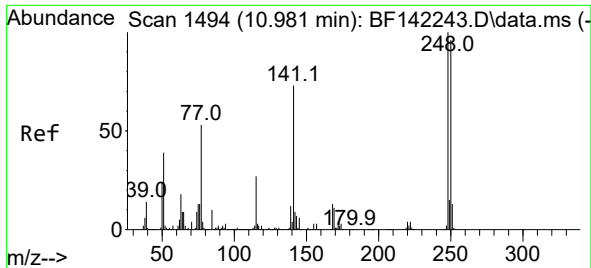


#66
n-Nitrosodiphenylamine
Concen: 40.934 ng
RT: 10.610 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13



Tgt Ion:169 Resp: 1120137
Ion Ratio Lower Upper
169 100
168 66.2 53.0 79.6
167 36.4 28.8 43.2





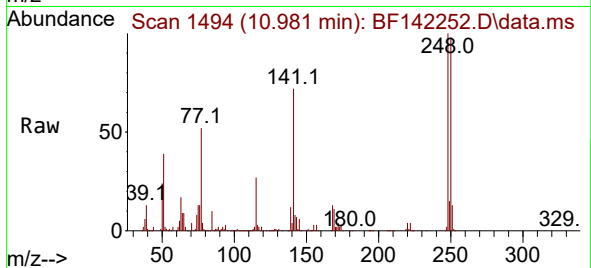
#67
4-Bromophenyl-phenylether
Concen: 41.981 ng
RT: 10.981 min Scan# 1494
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Instrument :

BNA_F

ClientSampleId :

PB167798BS



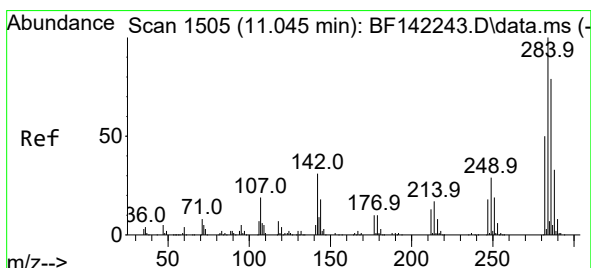
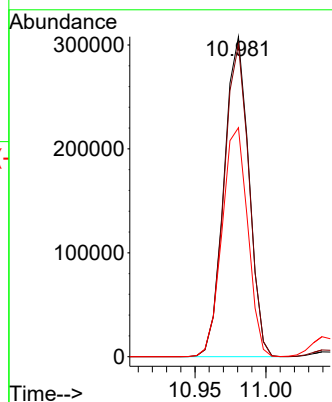
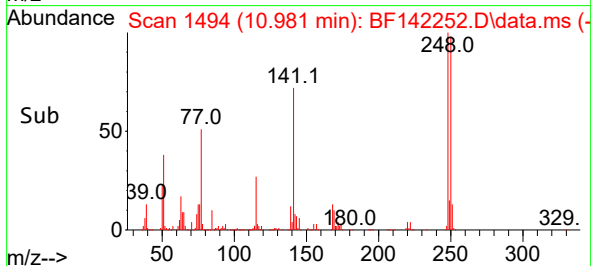
Tgt Ion:248 Resp: 37444
Ion Ratio Lower Upper
248 100
250 97.6 77.2 115.8
141 71.6 58.4 87.6

Manual Integrations

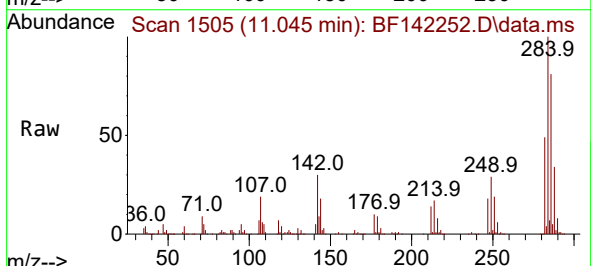
APPROVED

Reviewed By :Rahul Chavli 05/02/2025

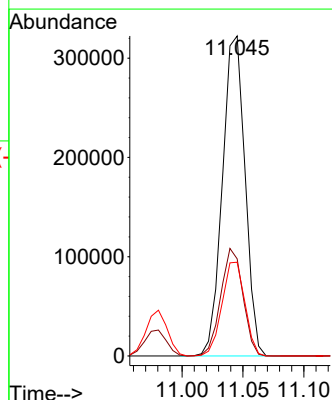
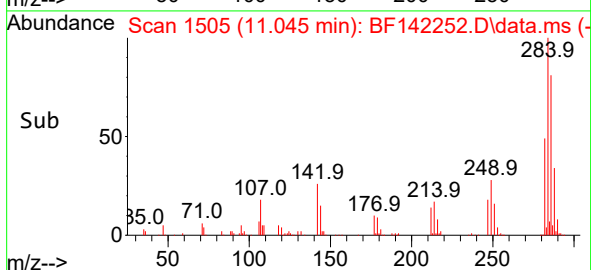
Supervised By :Jagrut Upadhyay 05/02/2025

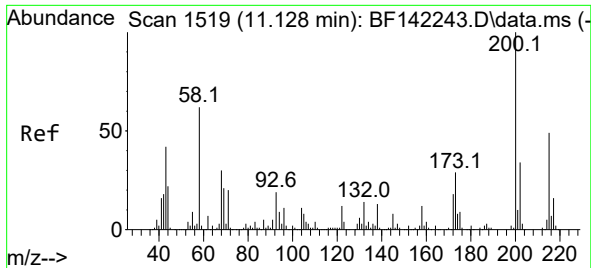


#68
Hexachlorobenzene
Concen: 41.744 ng
RT: 11.045 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13



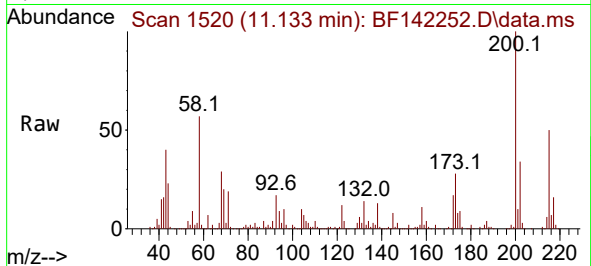
Tgt Ion:284 Resp: 416999
Ion Ratio Lower Upper
284 100
142 30.3 24.6 37.0
249 29.3 23.2 34.8





#69
Atrazine
Concen: 45.449 ng
RT: 11.133 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

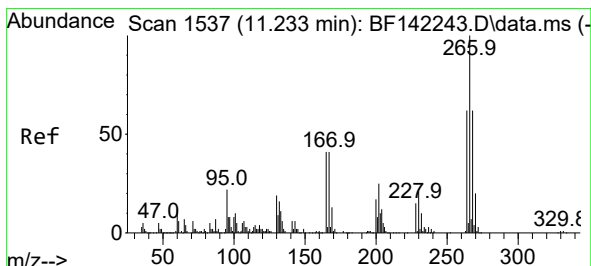
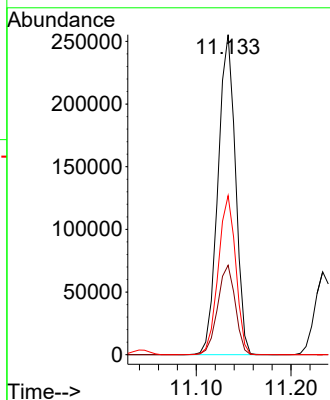
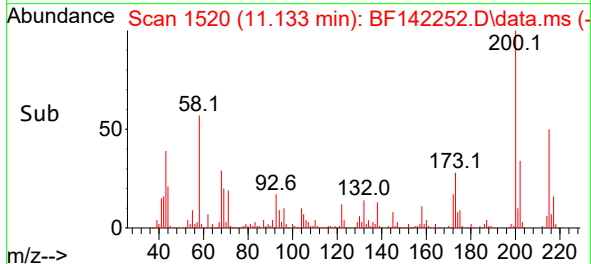
Instrument :
BNA_F
ClientSampleId :
PB167798BS



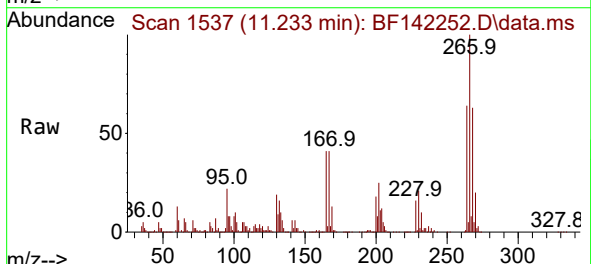
Tgt Ion:200 Resp: 32782
Ion Ratio Lower Upper
200 100
173 28.0 8.6 48.6
215 49.7 28.5 68.5

Manual Integrations
APPROVED

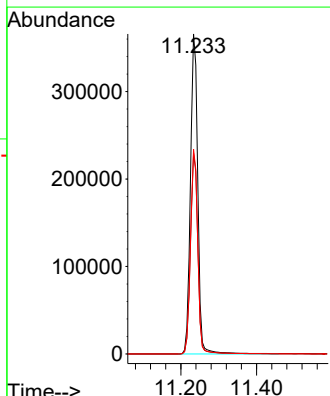
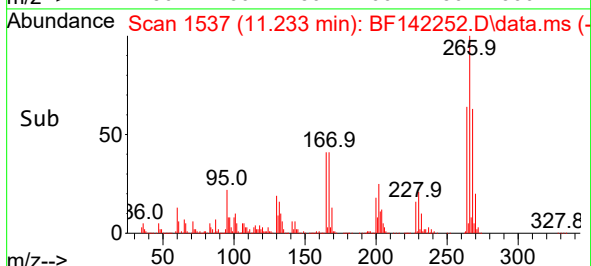
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

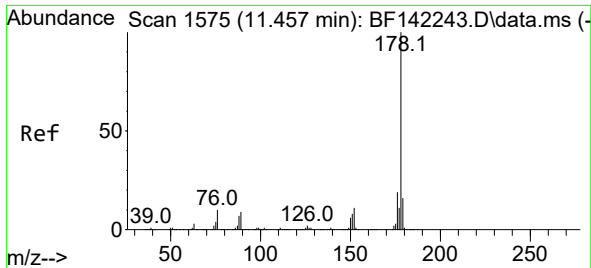


#70
Pentachlorophenol
Concen: 93.152 ng
RT: 11.233 min Scan# 1537
Delta R.T. 0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13



Tgt Ion:266 Resp: 491588
Ion Ratio Lower Upper
266 100
268 62.7 50.0 75.0
264 64.0 49.3 73.9





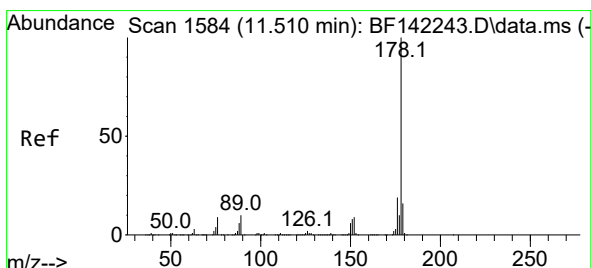
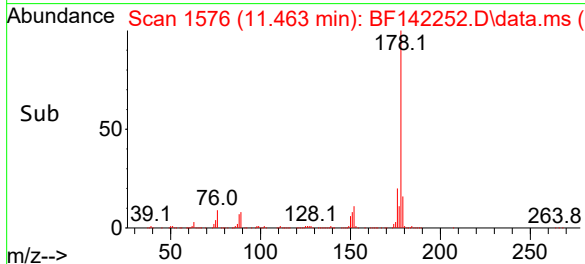
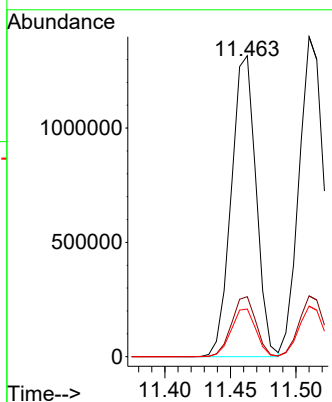
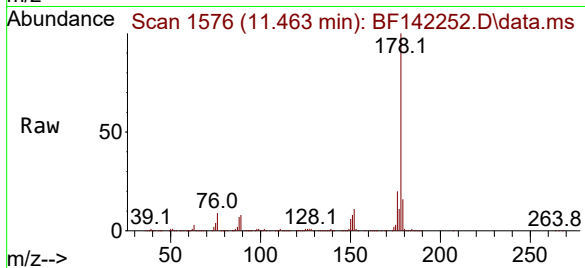
#71
Phenanthrene
Concen: 39.983 ng
RT: 11.463 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Instrument :
BNA_F
ClientSampleId :
PB167798BS

Tgt Ion:178 Resp: 172968
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 15.8 12.6 19.0

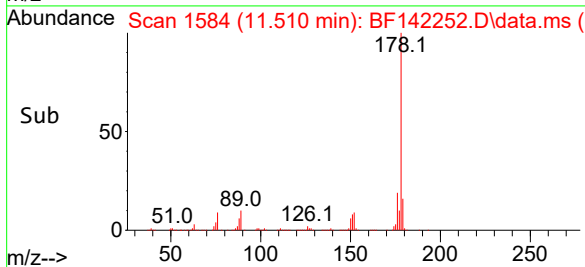
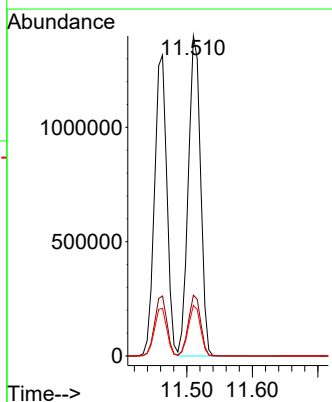
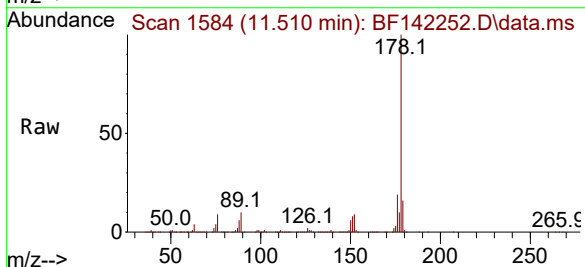
Manual Integrations
APPROVED

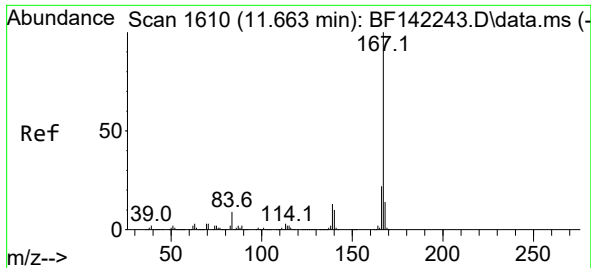
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025



#72
Anthracene
Concen: 40.920 ng
RT: 11.510 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

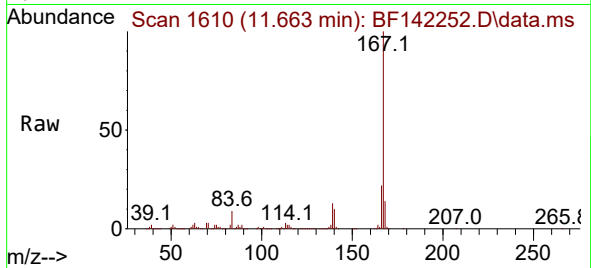
Tgt Ion:178 Resp: 1809920
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.8 12.7 19.1





#73
 Carbazole
 Concen: 41.482 ng
 RT: 11.663 min Scan# 1610
 Delta R.T. -0.000 min
 Lab File: BF142252.D
 Acq: 01 May 2025 11:13

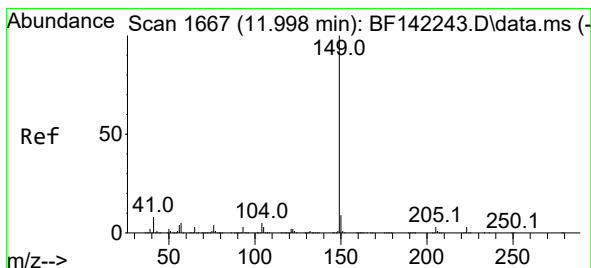
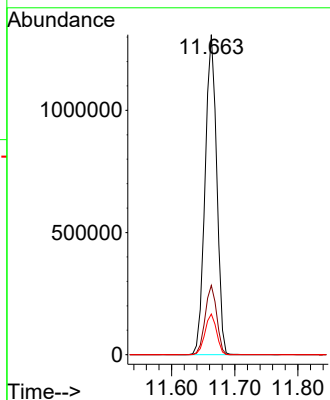
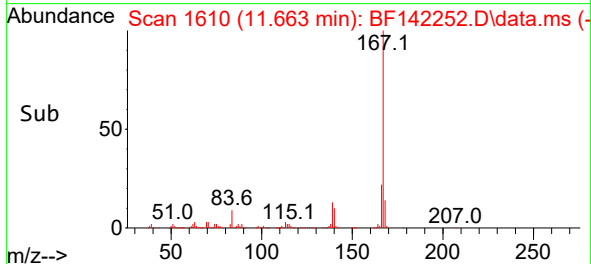
Instrument :
 BNA_F
 ClientSampleId :
 PB167798BS



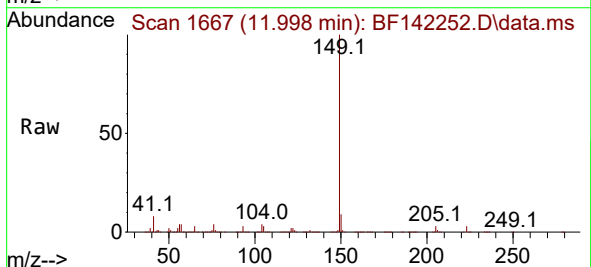
Tgt Ion:167 Resp: 1673738
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.3 25.9
 139 12.7 10.3 15.5

Manual Integrations
 APPROVED

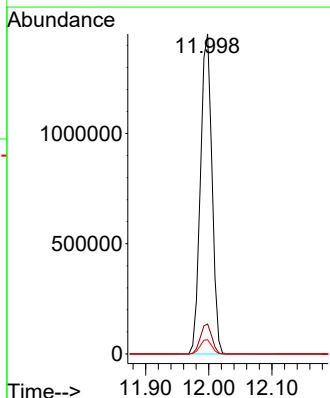
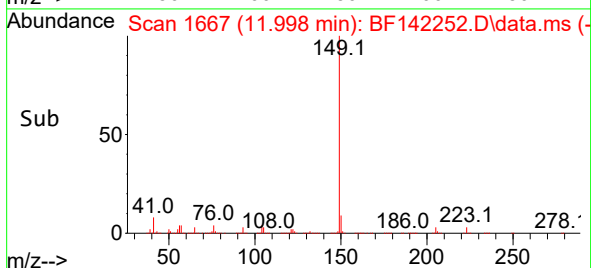
Reviewed By :Rahul Chavli 05/02/2025
 Supervised By :Jagrut Upadhyay 05/02/2025

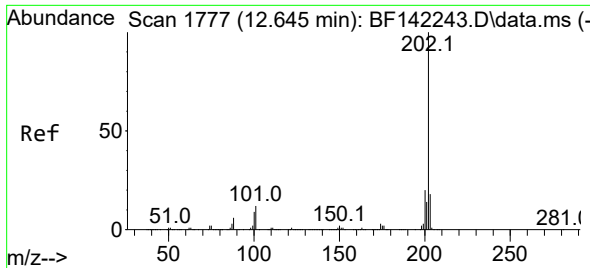


#74
 Di-n-butylphthalate
 Concen: 45.166 ng
 RT: 11.998 min Scan# 1667
 Delta R.T. -0.000 min
 Lab File: BF142252.D
 Acq: 01 May 2025 11:13



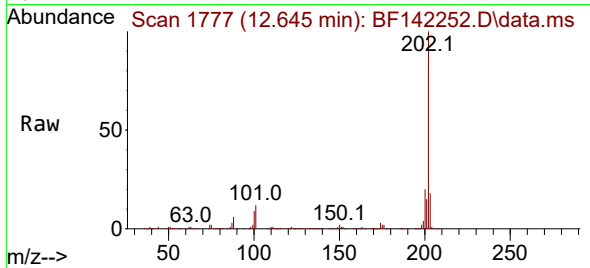
Tgt Ion:149 Resp: 1832830
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 4.5 3.6 5.4





#75
Fluoranthene
Concen: 41.876 ng
RT: 12.645 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

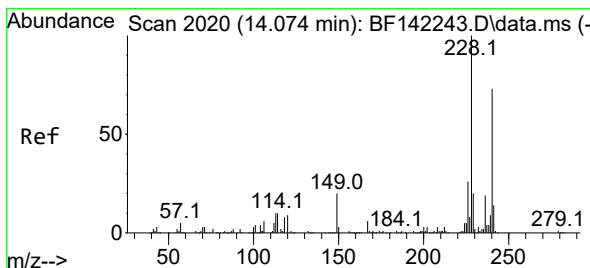
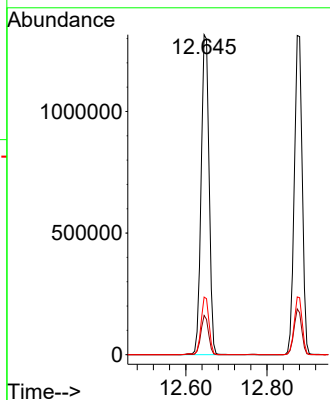
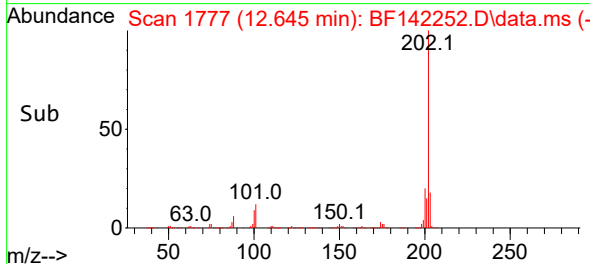
Instrument :
BNA_F
ClientSampleId :
PB167798BS



Tgt Ion:202 Resp: 179081
Ion Ratio Lower Upper
202 100
101 12.2 0.0 32.4
203 18.0 0.0 37.5

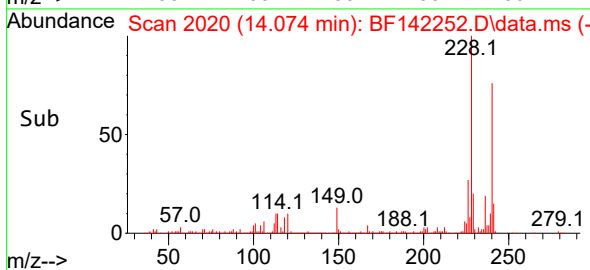
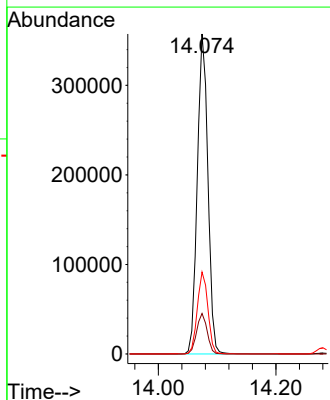
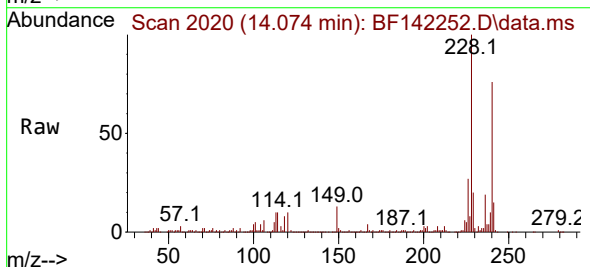
Manual Integrations
APPROVED

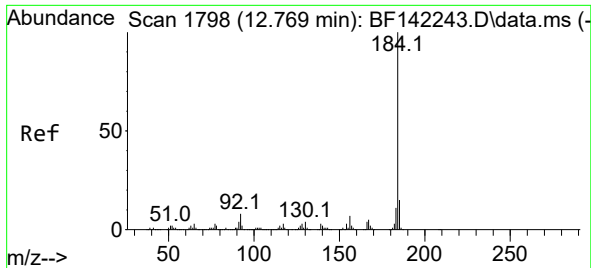
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

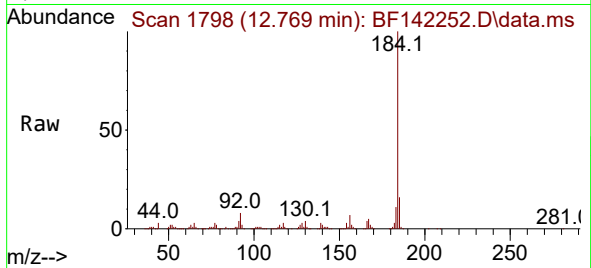
Tgt Ion:240 Resp: 447227
Ion Ratio Lower Upper
240 100
120 12.6 10.1 15.1
236 25.6 20.5 30.7





#77
Benzidine
Concen: 22.492 ng
RT: 12.769 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

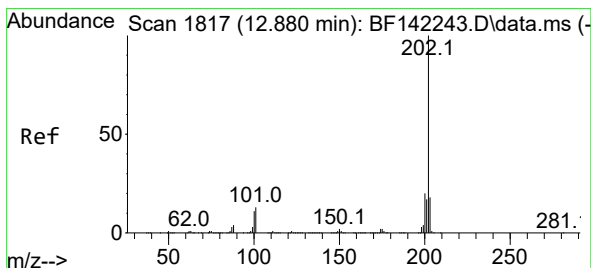
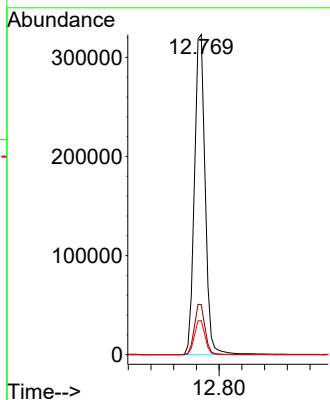
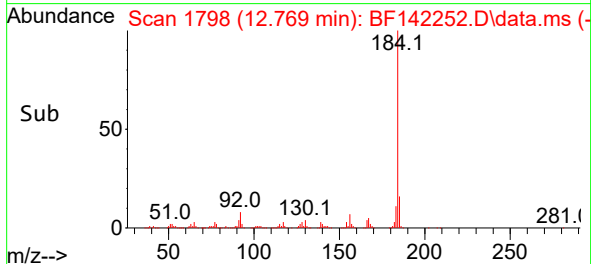
Instrument :
BNA_F
ClientSampleId :
PB167798BS



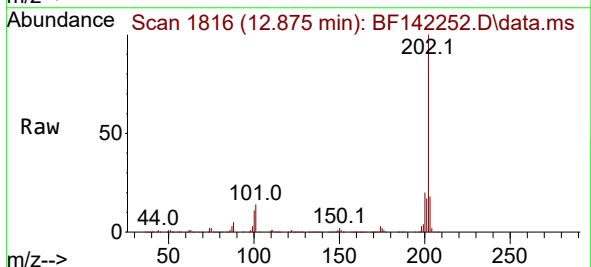
Tgt Ion:184 Resp: 427420
Ion Ratio Lower Upper
184 100
185 15.6 11.8 17.6
183 10.7 8.9 13.3

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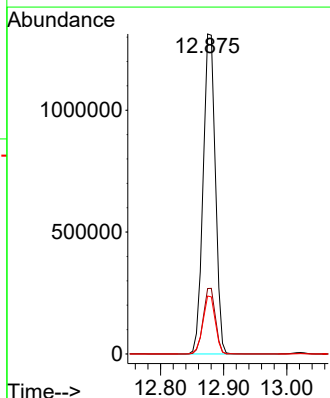
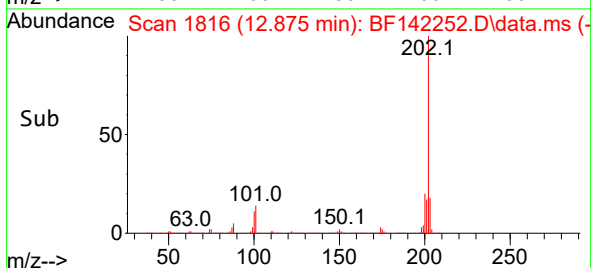
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

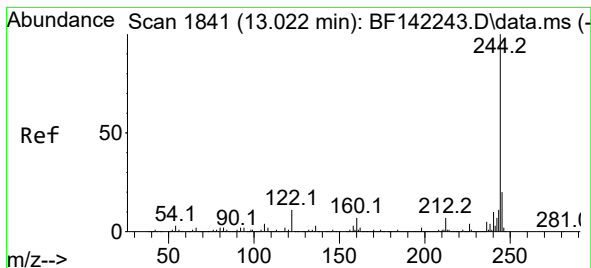


#78
Pyrene
Concen: 42.897 ng
RT: 12.875 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13



Tgt Ion:202 Resp: 1769704
Ion Ratio Lower Upper
202 100
200 20.4 16.1 24.1
203 18.1 14.1 21.1





#79

Terphenyl-d14

Concen: 73.507 ng

RT: 13.022 min Scan# 1841

Delta R.T. -0.000 min

Lab File: BF142252.D

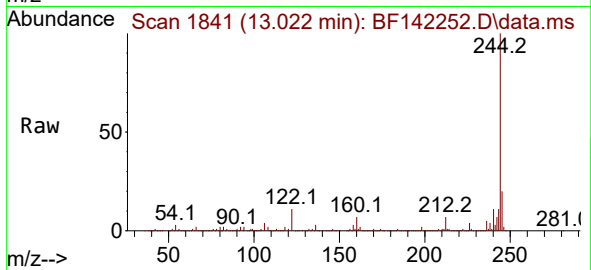
Acq: 01 May 2025 11:13

Instrument :

BNA_F

ClientSampleId :

PB167798BS



Tgt Ion:244 Resp: 2260338

Ion Ratio Lower Upper

244 100

212 6.8 5.3 7.9

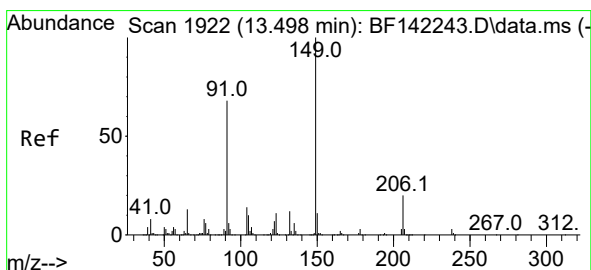
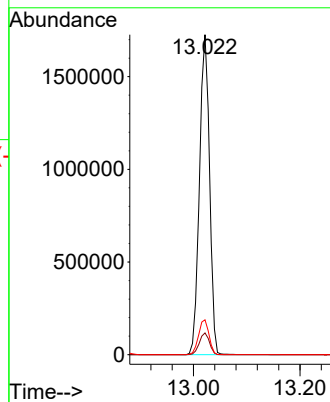
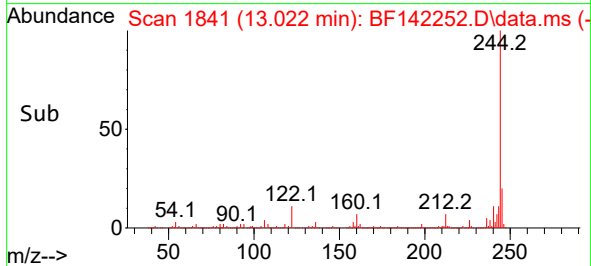
122 10.9 9.1 13.7

Manual Integrations

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Reviewed By :Rahul Chavli 05/02/2025

Supervised By :Jagrut Upadhyay 05/02/2025



#80

Butylbenzylphthalate

Concen: 45.305 ng

RT: 13.498 min Scan# 1922

Delta R.T. 0.000 min

Lab File: BF142252.D

Acq: 01 May 2025 11:13

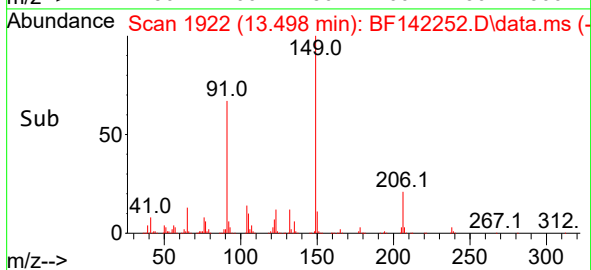
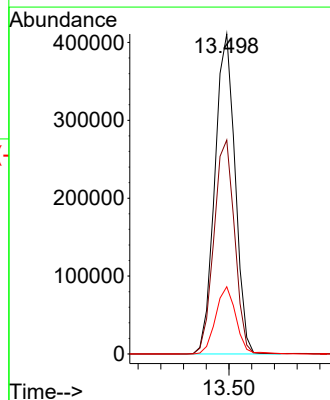
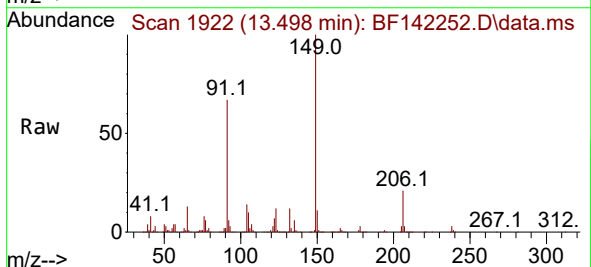
Tgt Ion:149 Resp: 508489

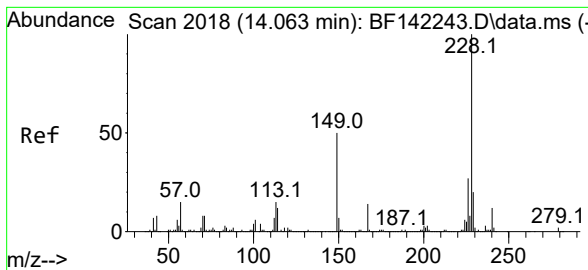
Ion Ratio Lower Upper

149 100

91 66.9 54.4 81.6

206 21.0 15.9 23.9





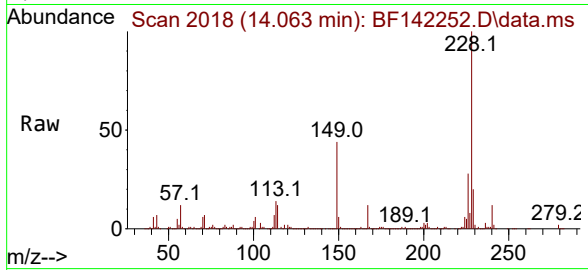
#81
 Benzo(a)anthracene
 Concen: 41.178 ng
 RT: 14.063 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: BF142252.D
 Acq: 01 May 2025 11:13

Instrument :

BNA_F

ClientSampleId :

PB167798BS



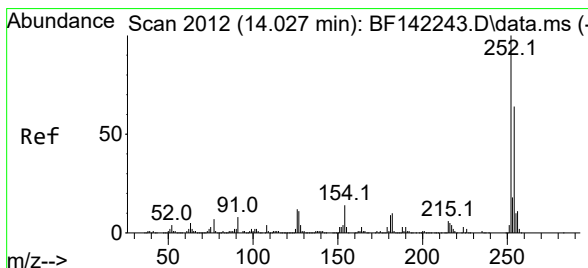
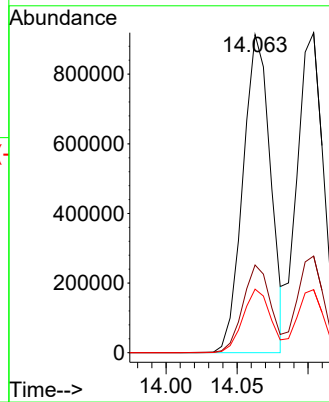
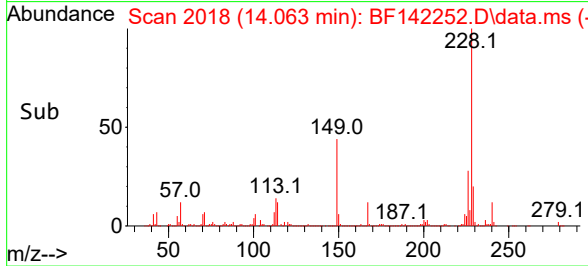
Tgt Ion:228 Resp: 123629
 Ion Ratio Lower Upper
 228 100
 226 27.6 21.9 32.9
 229 20.0 16.0 24.0

Manual Integrations

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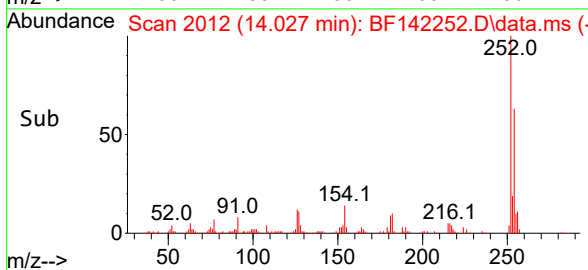
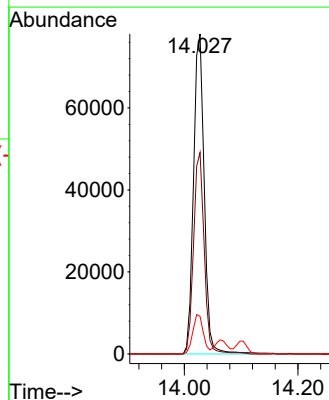
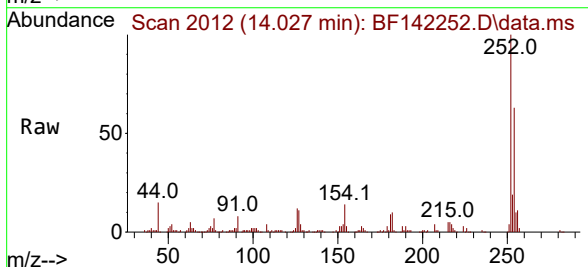
Reviewed By :Rahul Chavli 05/02/2025

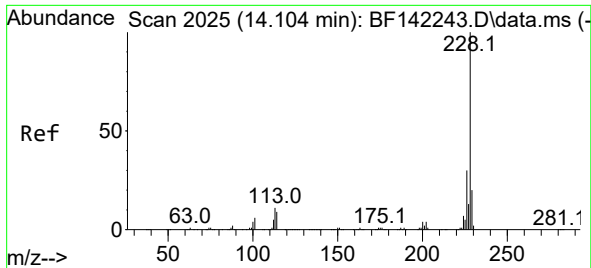
Supervised By :Jagrut Upadhyay 05/02/2025



#82
 3,3'-Dichlorobenzidine
 Concen: 11.657 ng
 RT: 14.027 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: BF142252.D
 Acq: 01 May 2025 11:13

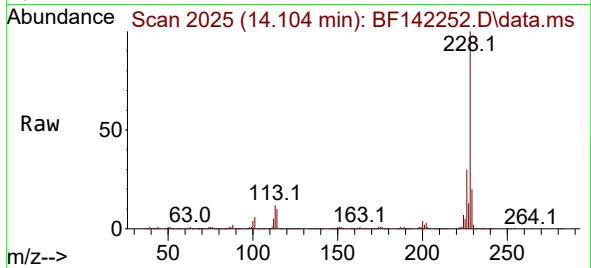
Tgt Ion:252 Resp: 102802
 Ion Ratio Lower Upper
 252 100
 254 63.0 51.0 76.6
 126 11.7 9.4 14.2





#83
Chrysene
Concen: 43.597 ng
RT: 14.104 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

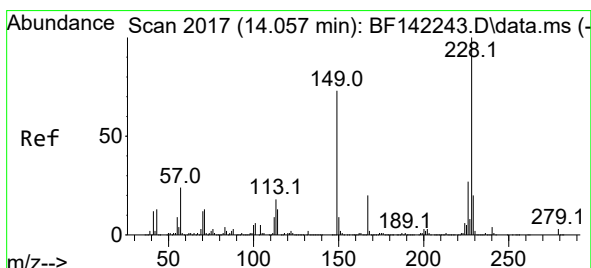
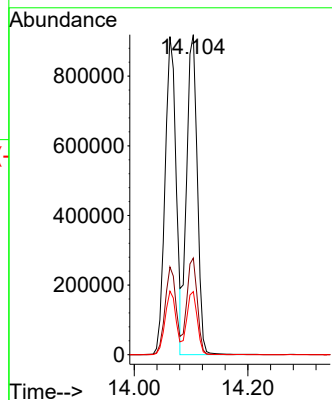
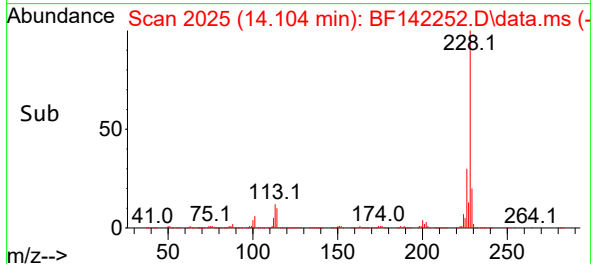
Instrument :
BNA_F
ClientSampleId :
PB167798BS



Tgt Ion:228 Resp: 1191462
Ion Ratio Lower Upper
228 100
226 30.2 24.0 36.0
229 19.7 15.7 23.5

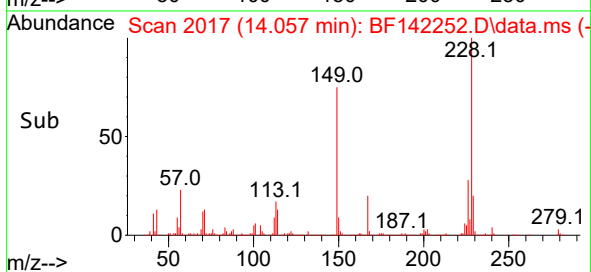
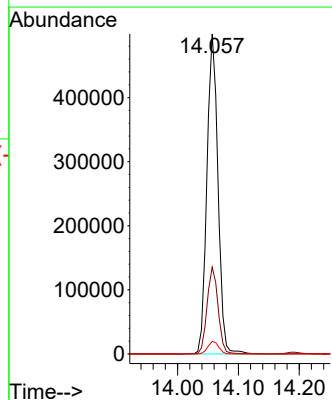
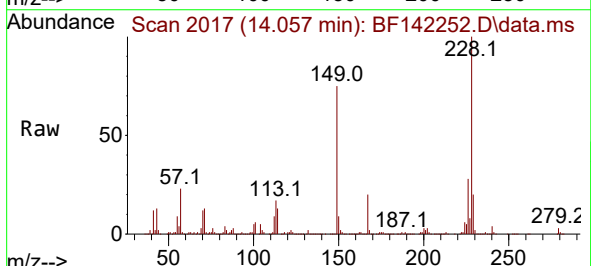
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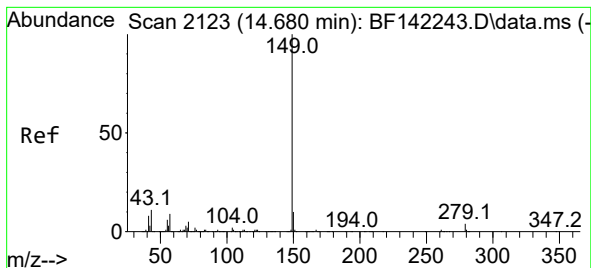
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.842 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

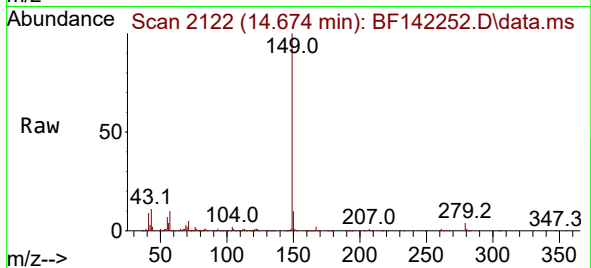
Tgt Ion:149 Resp: 629446
Ion Ratio Lower Upper
149 100
167 27.2 21.7 32.5
279 3.9 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 41.045 ng
RT: 14.674 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

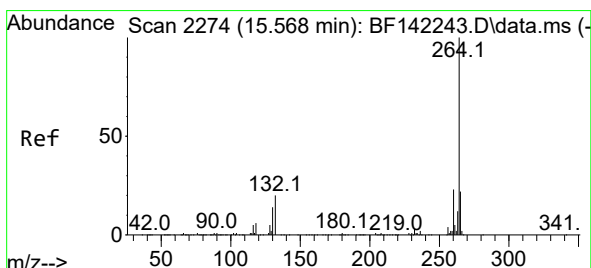
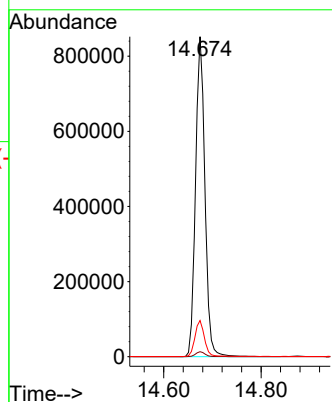
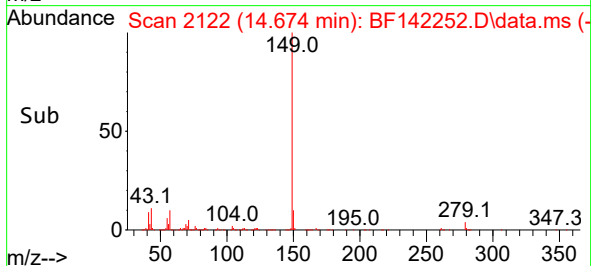
Instrument :
BNA_F
ClientSampleId :
PB167798BS



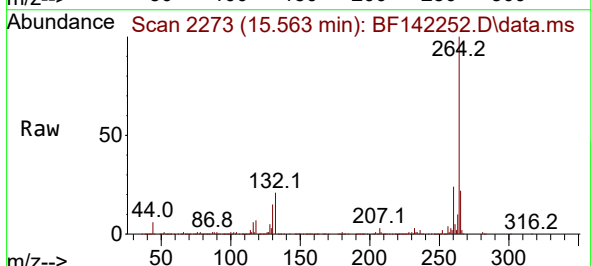
Tgt Ion:149 Resp: 114673
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 11.4 9.3 13.9

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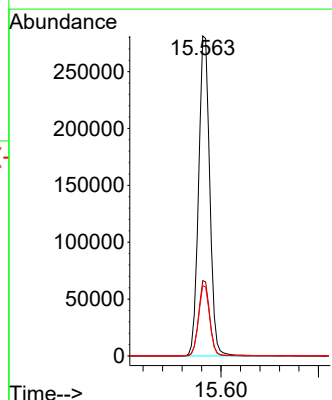
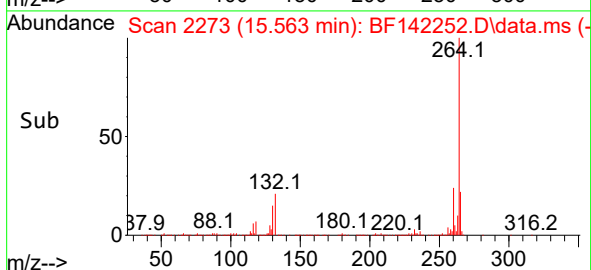
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

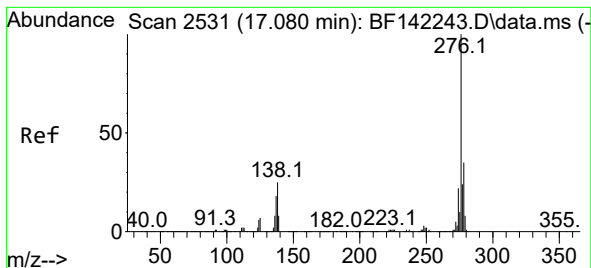


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13



Tgt Ion:264 Resp: 448663
Ion Ratio Lower Upper
264 100
260 23.6 18.4 27.6
265 21.9 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.153 ng

RT: 17.080 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF142252.D

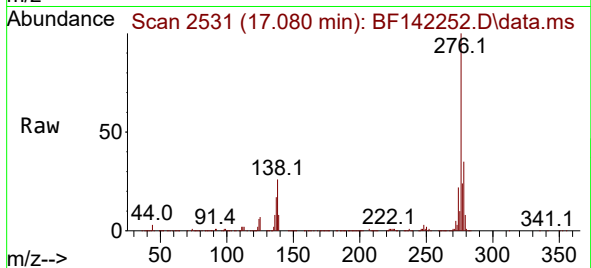
Acq: 01 May 2025 11:13

Instrument :

BNA_F

ClientSampleId :

PB167798BS



Tgt Ion:276 Resp: 138529

Ion Ratio Lower Upper

276 100

138 28.6 22.6 33.8

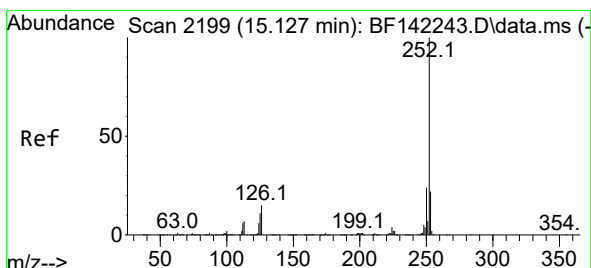
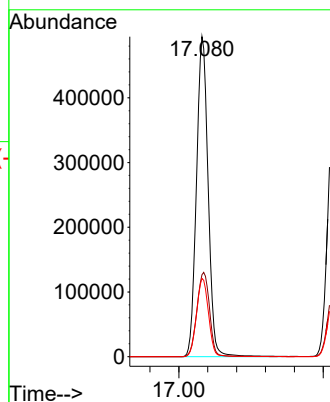
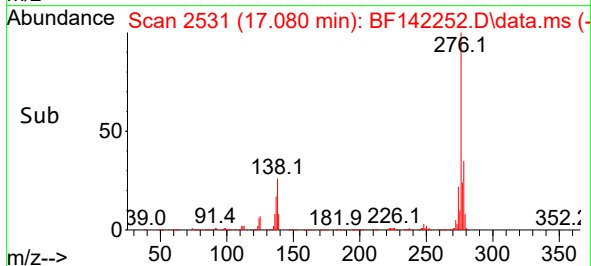
277 25.1 20.1 30.1

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: 44.141 ng

RT: 15.127 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF142252.D

Acq: 01 May 2025 11:13

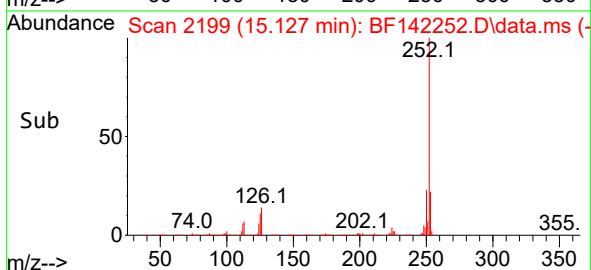
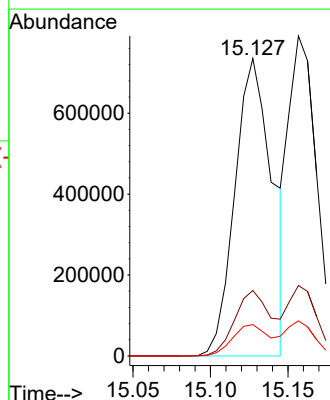
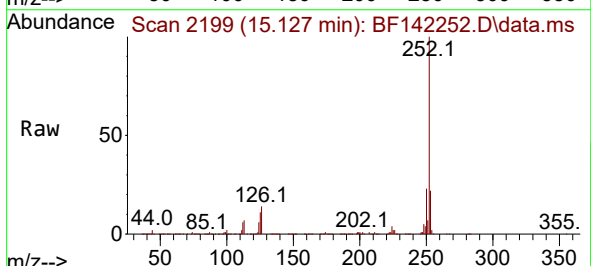
Tgt Ion:252 Resp: 1230162

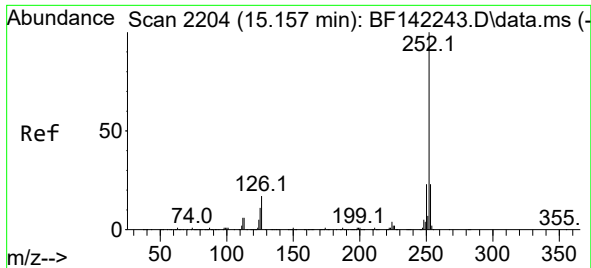
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

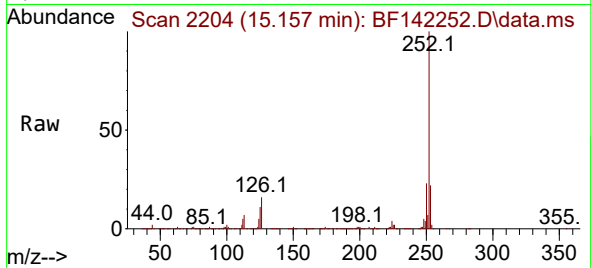
125 10.6 9.0 13.4





#89
Benzo(k)fluoranthene
Concen: 39.692 ng
RT: 15.157 min Scan# 2204
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

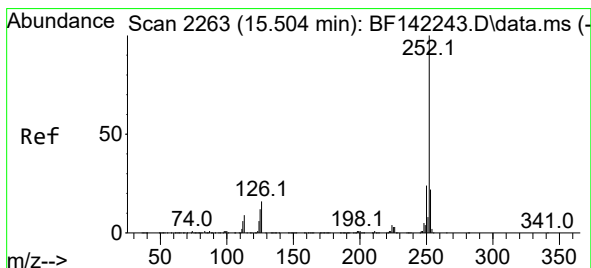
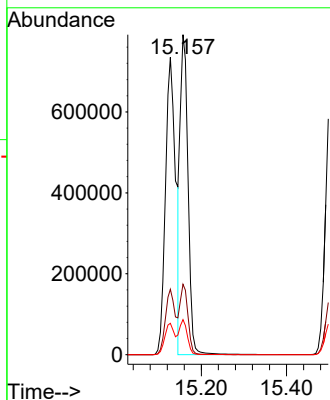
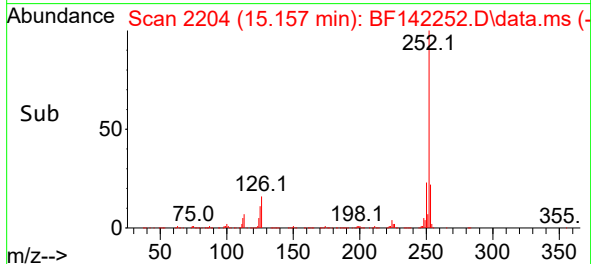
Instrument :
BNA_F
ClientSampleId :
PB167798BS



Tgt Ion:252 Resp: 1011794
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 10.9 9.0 13.6

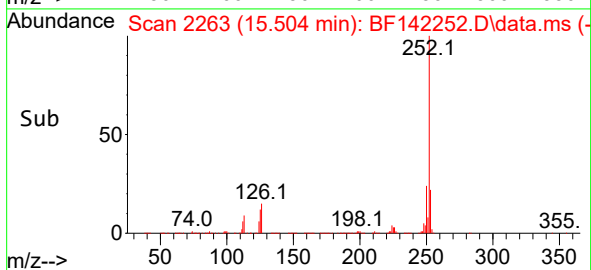
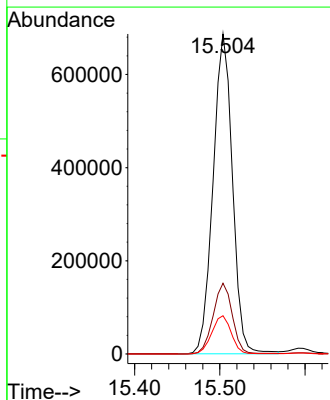
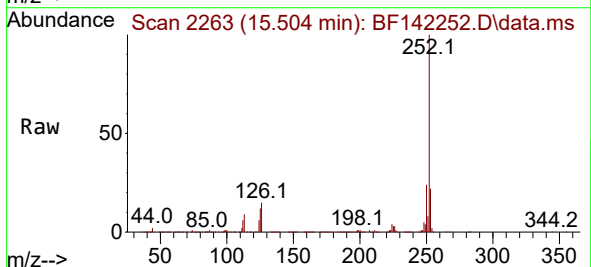
Manual Integrations
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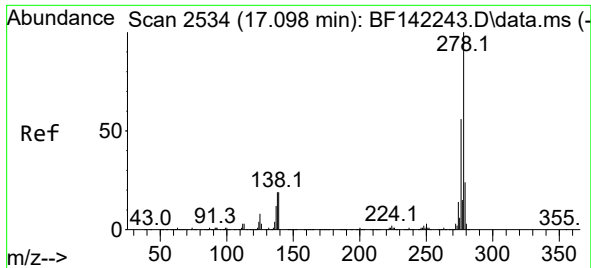
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025



#90
Benzo(a)pyrene
Concen: 42.542 ng
RT: 15.504 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

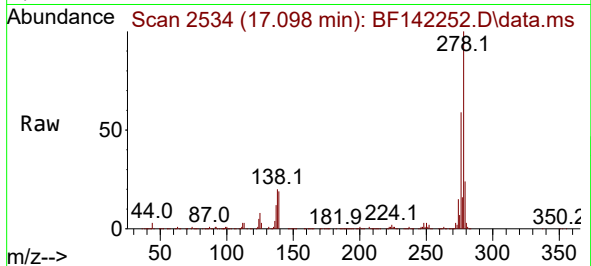
Tgt Ion:252 Resp: 1085464
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 12.0 9.5 14.3





#91
Dibenzo(a,h)anthracene
Concen: 42.272 ng
RT: 17.098 min Scan# 2534
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

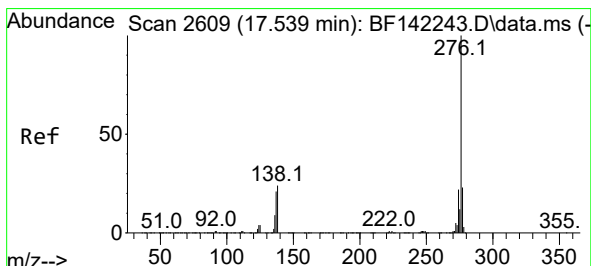
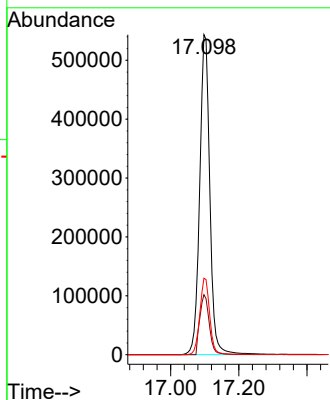
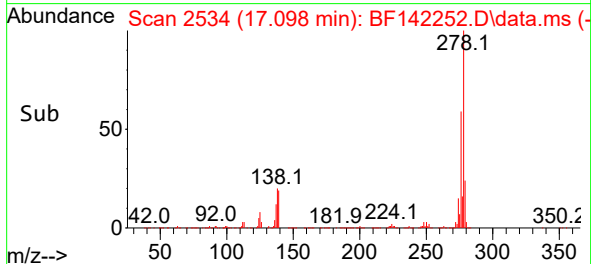
Instrument :
BNA_F
ClientSampleId :
PB167798BS



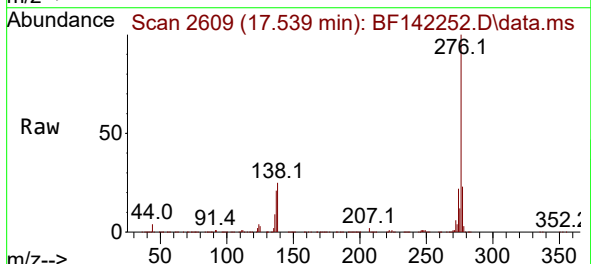
Tgt Ion:278 Resp: 1127475
Ion Ratio Lower Upper
278 100
139 18.8 15.2 22.8
279 23.9 19.0 28.6

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



#92
Benzo(g,h,i)perylene
Concen: 41.996 ng
RT: 17.539 min Scan# 2609
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13



Tgt Ion:276 Resp: 1126050
Ion Ratio Lower Upper
276 100
277 23.5 18.7 28.1
138 24.7 19.4 29.0

