

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
 Data File : BF142278.D
 Acq On : 02 May 2025 12:55
 Operator : RC/JU
 Sample : Q1901-08MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-167-SB01MSD

Manual Integrations
 APPROVED

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

Quant Time: May 02 13:41:32 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	217028	20.000	ng	0.00
21) Naphthalene-d8	8.193	136	832936	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	419407	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	684254	20.000	ng	0.00
76) Chrysene-d12	14.069	240	400079	20.000	ng	0.00
86) Perylene-d12	15.563	264	401381	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1351308	99.440	ng	0.01
7) Phenol-d6	6.528	99	1523396	92.834	ng	0.00
23) Nitrobenzene-d5	7.469	82	1112775	87.769	ng	0.00
42) 2,4,6-Tribromophenol	10.734	330	506639	132.507	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2151303	72.323	ng	0.00
79) Terphenyl-d14	13.016	244	2003750	72.842	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.828	88	174625	28.773	ng	# 82
3) Pyridine	3.546	79	441222	27.973	ng	100
4) n-Nitrosodimethylamine	3.487	42	294114	36.032	ng	99
6) Aniline	6.569	93	197398	8.499	ng	98
8) 2-Chlorophenol	6.693	128	562936	40.089	ng	99
9) Benzaldehyde	6.457	77	183950	16.038	ng	99
10) Phenol	6.540	94	571858m	32.370	ng	
11) bis(2-Chloroethyl)ether	6.646	93	532809	38.919	ng	99
12) 1,3-Dichlorobenzene	6.851	146	542334	34.140	ng	99
13) 1,4-Dichlorobenzene	6.928	146	548211	34.253	ng	99
14) 1,2-Dichlorobenzene	7.081	146	540561	35.379	ng	99
15) Benzyl Alcohol	7.046	79	478246	41.092	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.181	45	960997	38.874	ng	100
17) 2-Methylphenol	7.151	107	427556	37.168	ng	99
18) Hexachloroethane	7.422	117	192593	36.766	ng	96
19) n-Nitroso-di-n-propyla...	7.322	70	400784	39.523	ng	99
20) 3+4-Methylphenols	7.304	107	538223	37.414	ng	92
22) Acetophenone	7.316	105	748030	38.819	ng	97
24) Nitrobenzene	7.487	77	571114	45.910	ng	100
25) Isophorone	7.728	82	1075681	40.426	ng	99
26) 2-Nitrophenol	7.804	139	277477	51.929	ng	98
27) 2,4-Dimethylphenol	7.834	122	495291	36.919	ng	100
28) bis(2-Chloroethoxy)met...	7.934	93	685392	40.843	ng	99
29) 2,4-Dichlorophenol	8.040	162	483547	43.112	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	482951	38.586	ng	99
31) Naphthalene	8.210	128	1609412	38.745	ng	100
32) Benzoic acid	7.928	122	263320	42.769	ng	97
33) 4-Chloroaniline	8.251	127	72531	4.193	ng	99
34) Hexachlorobutadiene	8.328	225	287976	39.436	ng	99
35) Caprolactam	8.616	113	125300m	37.167	ng	
36) 4-Chloro-3-methylphenol	8.728	107	484815	42.095	ng	99
37) 2-Methylnaphthalene	8.904	142	1012785	39.656	ng	100
38) 1-Methylnaphthalene	8.998	142	1065609	40.276	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	493589	41.817	ng	99
41) Hexachlorocyclopentadiene	9.057	237	611613	91.299	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	351147	48.009	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
 Data File : BF142278.D
 Acq On : 02 May 2025 12:55
 Operator : RC/JU
 Sample : Q1901-08MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-167-SB01MSD

Manual Integrations
 APPROVED

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

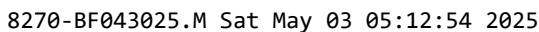
Quant Time: May 02 13:41:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

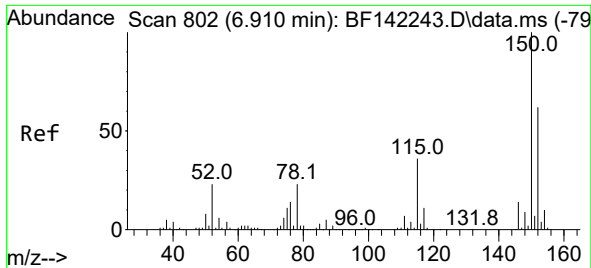
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	361688	47.034	ng	99
46) 1,1'-Biphenyl	9.363	154	1368430	41.970	ng	100
47) 2-Chloronaphthalene	9.392	162	1020867	42.083	ng	99
48) 2-Nitroaniline	9.481	65	319718	49.782	ng	98
49) Acenaphthylene	9.810	152	1710079	41.776	ng	100
50) Dimethylphthalate	9.663	163	1199810	44.716	ng	100
51) 2,6-Dinitrotoluene	9.722	165	253926	49.228	ng	99
52) Acenaphthene	9.981	154	1087078	45.482	ng	98
53) 3-Nitroaniline	9.886	138	99043	17.958	ng	98
54) 2,4-Dinitrophenol	9.998	184	184644	93.898	ng	# 1
55) Dibenzofuran	10.151	168	1522541	42.495	ng	100
56) 4-Nitrophenol	10.045	139	407185	96.548	ng	99
57) 2,4-Dinitrotoluene	10.128	165	336232	53.345	ng	96
58) Fluorene	10.492	166	1144424	42.008	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	303708	47.678	ng	99
60) Diethylphthalate	10.369	149	1182771	44.640	ng	99
61) 4-Chlorophenyl-phenyle...	10.486	204	556055	42.980	ng	97
62) 4-Nitroaniline	10.504	138	257712	45.444	ng	98
63) Azobenzene	10.645	77	1119990	42.806	ng	99
65) 4,6-Dinitro-2-methylph...	10.534	198	125145	53.859	ng	94
66) n-Nitrosodiphenylamine	10.604	169	983989	42.088	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	347963	45.662	ng	99
68) Hexachlorobenzene	11.039	284	382262	44.789	ng	97
69) Atrazine	11.128	200	312642	50.733	ng	99
70) Pentachlorophenol	11.233	266	437319	96.993	ng	99
71) Phenanthrene	11.457	178	1591587	43.062	ng	100
72) Anthracene	11.510	178	1599092	42.316	ng	100
73) Carbazole	11.657	167	1465976	42.526	ng	100
74) Di-n-butylphthalate	11.992	149	1677931	48.397	ng	100
75) Fluoranthene	12.645	202	1520599	41.619	ng	98
77) Benzidine	12.763	184	44894	2.641	ng	97
78) Pyrene	12.875	202	1524967	41.321	ng	100
80) Butylbenzylphthalate	13.492	149	558469	54.776	ng	99
81) Benzo(a)anthracene	14.063	228	1194007	44.456	ng	100
82) 3,3'-Dichlorobenzidine	14.022	252	70246	8.904	ng	99
83) Chrysene	14.098	228	1076915	44.049	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	722253	51.410	ng	99
85) Di-n-octyl phthalate	14.669	149	1156306	45.494	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	1219041	41.464	ng	100
88) Benzo(b)fluoranthene	15.121	252	1168207	46.856	ng	99
89) Benzo(k)fluoranthene	15.151	252	987950	43.322	ng	100
90) Benzo(a)pyrene	15.498	252	1023759	44.850	ng	100
91) Dibenzo(a,h)anthracene	17.092	278	988821	41.441	ng	99
92) Benzo(g,h,i)perylene	17.527	276	978093	40.775	ng	99

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

Manual Integrations

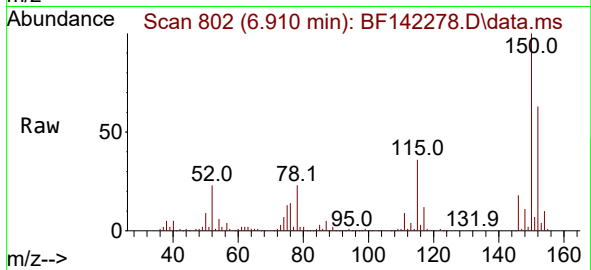
Quant Time: May 02 13:41:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.910 min Scan# 802
 Delta R.T. 0.000 min
 Lab File: BF142278.D
 Acq: 02 May 2025 12:55

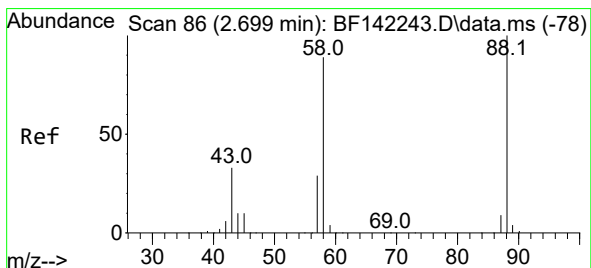
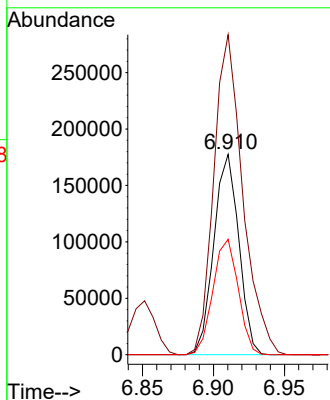
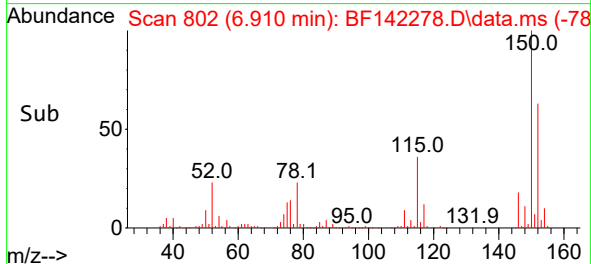
Instrument :
 BNA_F
 ClientSampleId :
 B-167-SB01MSD



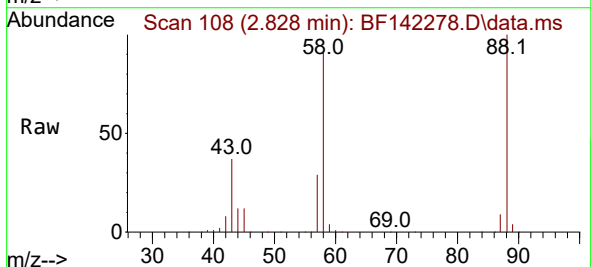
Tgt Ion: 152 Resp: 217028
 Ion Ratio Lower Upper
 152 100
 150 159.7 130.2 195.2
 115 57.6 47.0 70.4

Manual Integrations
 APPROVED

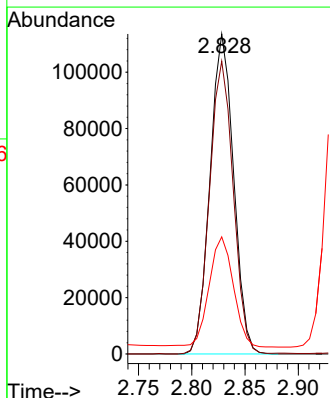
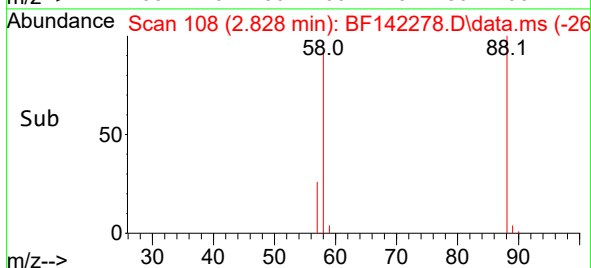
Reviewed By :Rahul Chavli 05/05/2025
 Supervised By :Jagrut Upadhyay 05/05/2025

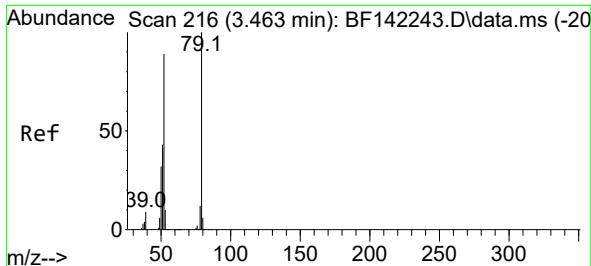


#2
 1,4-Dioxane
 Concen: 28.773 ng
 RT: 2.828 min Scan# 108
 Delta R.T. 0.129 min
 Lab File: BF142278.D
 Acq: 02 May 2025 12:55



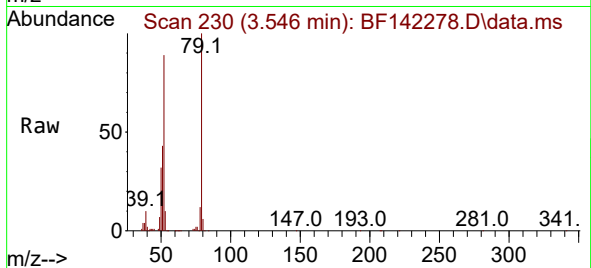
Tgt Ion: 88 Resp: 174625
 Ion Ratio Lower Upper
 88 100
 58 92.4 72.2 108.2
 43 0.0 27.0 40.6





#3
Pyridine
Concen: 27.973 ng
RT: 3.546 min Scan# 216
Delta R.T. 0.082 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

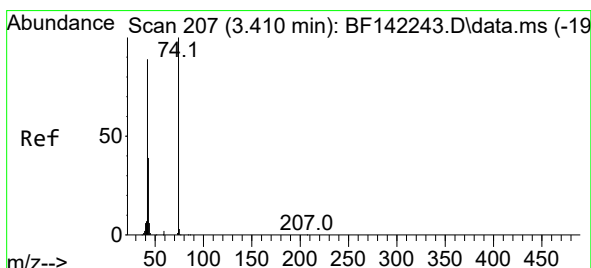
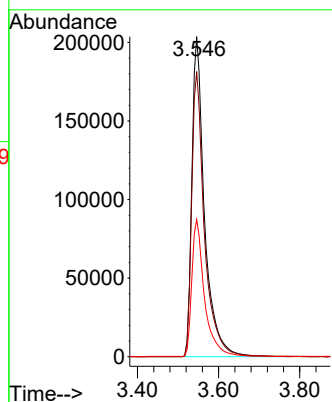
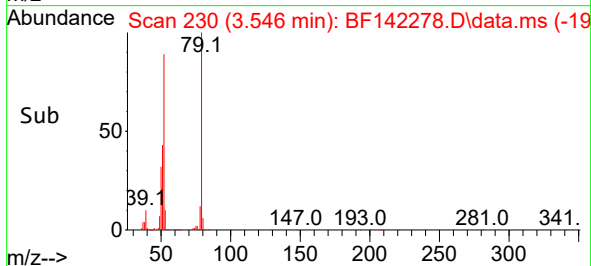
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



Tgt Ion: 79 Resp: 441222
Ion Ratio Lower Upper
79 100
52 89.1 71.5 107.3
51 42.8 34.5 51.7

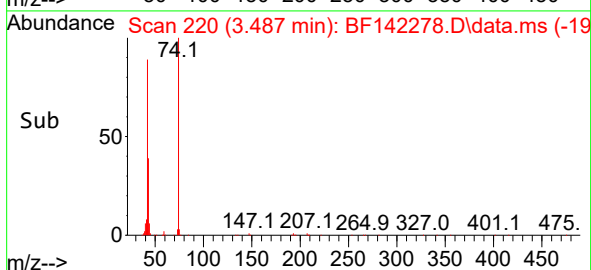
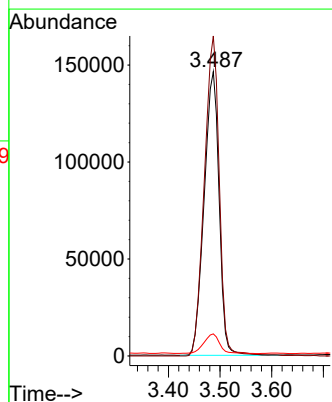
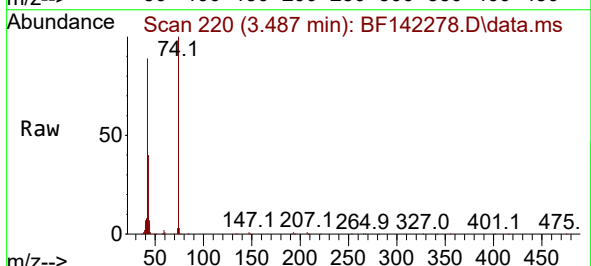
Manual Integrations
APPROVED

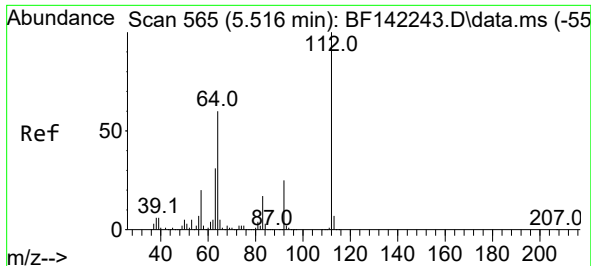
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025



#4
n-Nitrosodimethylamine
Concen: 36.032 ng
RT: 3.487 min Scan# 220
Delta R.T. 0.076 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

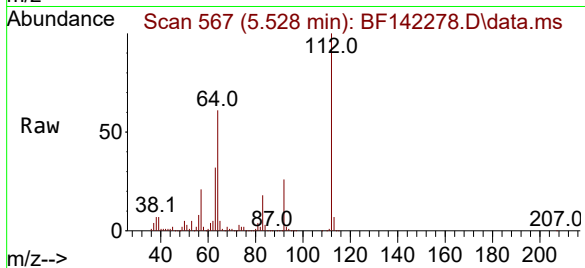
Tgt Ion: 42 Resp: 294114
Ion Ratio Lower Upper
42 100
74 112.6 89.5 134.3
44 7.7 6.6 9.8





#5
2-Fluorophenol
Concen: 99.440 ng
RT: 5.528 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

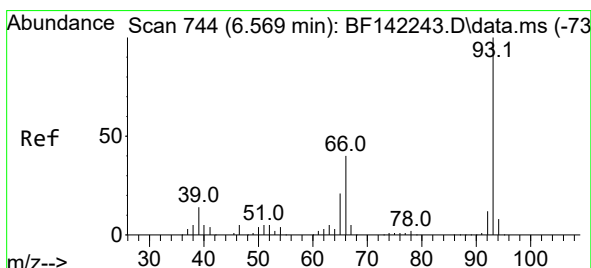
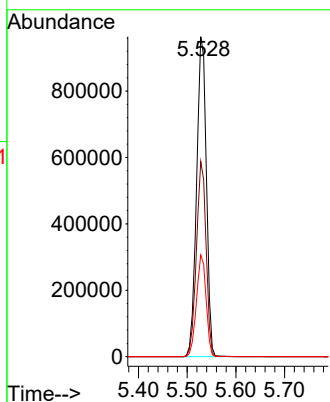
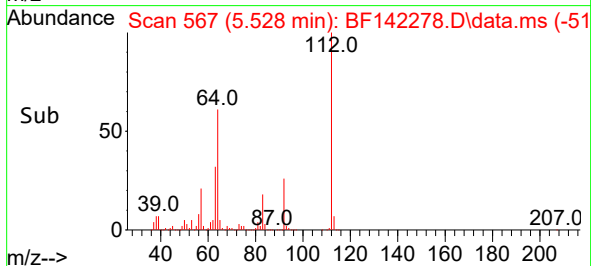
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



Tgt Ion:112 Resp: 1351308
Ion Ratio Lower Upper
112 100
64 61.0 48.4 72.6
63 31.8 24.8 37.2

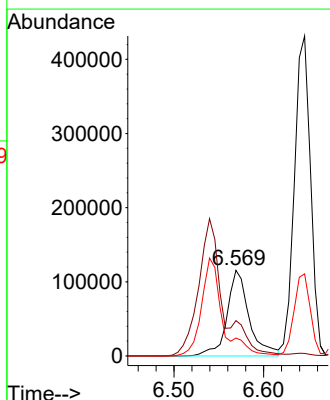
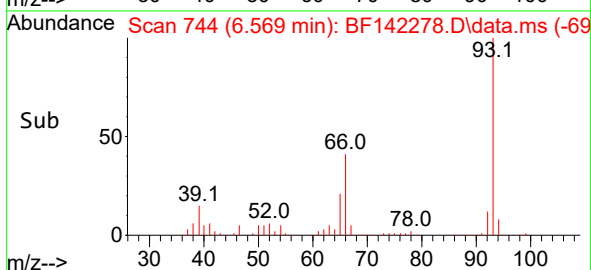
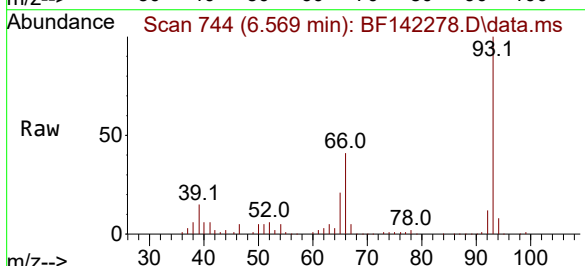
Manual Integrations
APPROVED

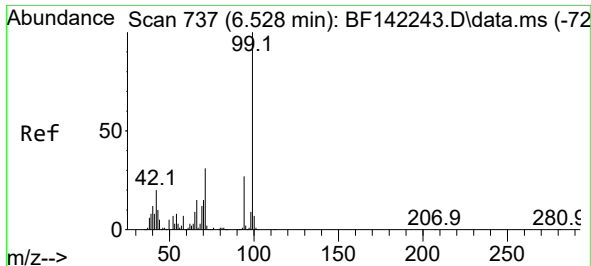
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025



#6
Aniline
Concen: 8.499 ng
RT: 6.569 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

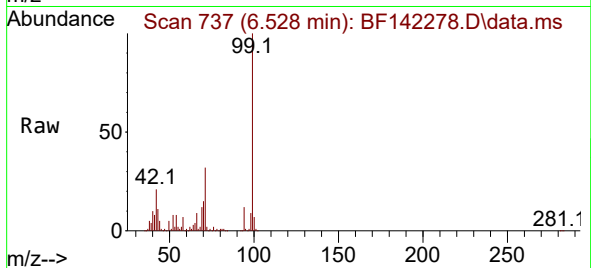
Tgt Ion: 93 Resp: 197398
Ion Ratio Lower Upper
93 100
66 41.3 32.1 48.1
65 21.0 16.6 24.8





#7
Phenol-d6
Concen: 92.834 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

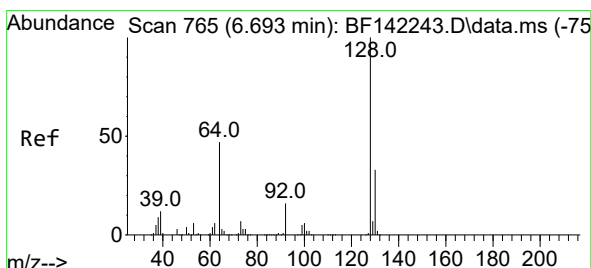
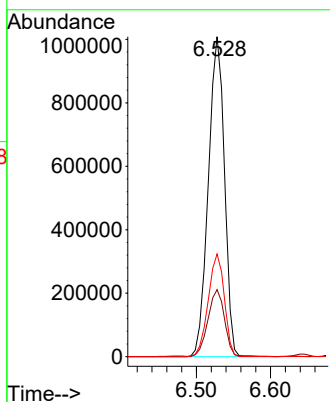
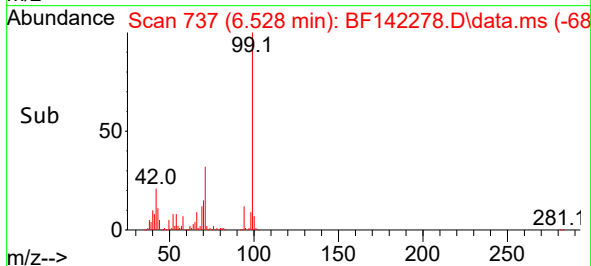
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



Tgt Ion: 99 Resp: 1523390
Ion Ratio Lower Upper
99 100
42 21.0 16.3 24.5
71 32.1 25.0 37.4

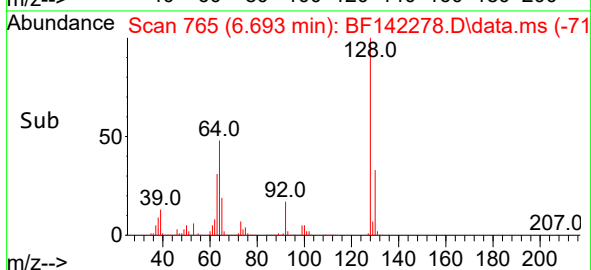
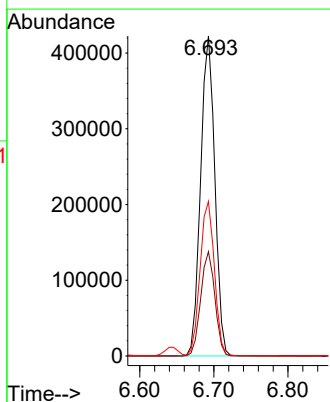
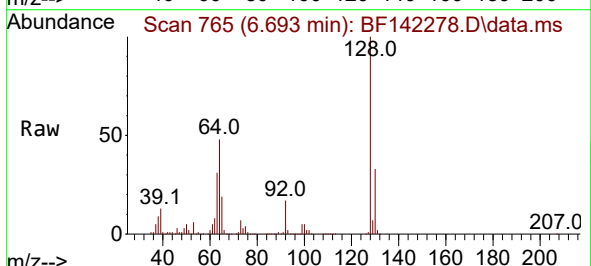
Manual Integrations
APPROVED

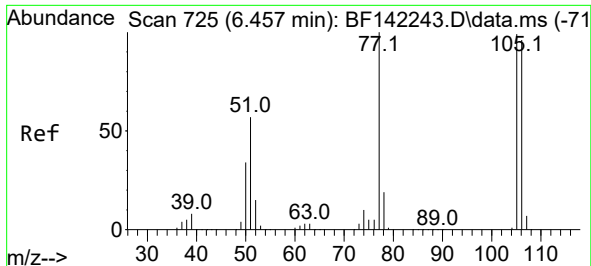
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025



#8
2-Chlorophenol
Concen: 40.089 ng
RT: 6.693 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

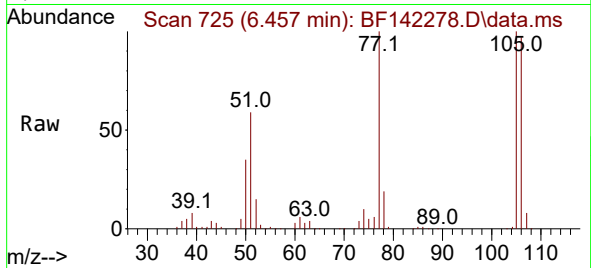
Tgt Ion:128 Resp: 562936
Ion Ratio Lower Upper
128 100
130 32.6 13.1 53.1
64 48.3 28.6 68.6





#9
Benzaldehyde
Concen: 16.038 ng
RT: 6.457 min Scan# 725
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

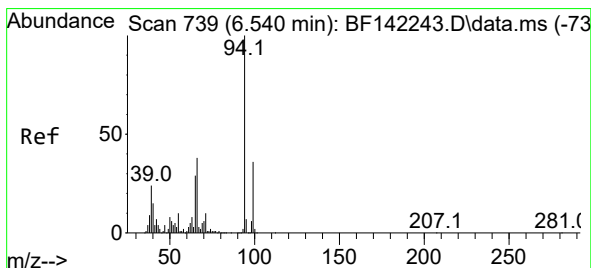
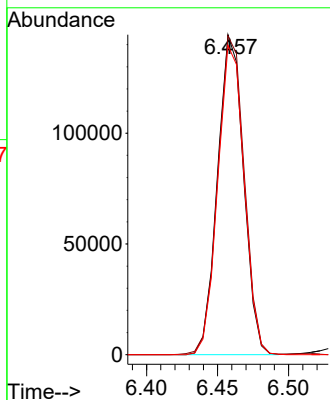
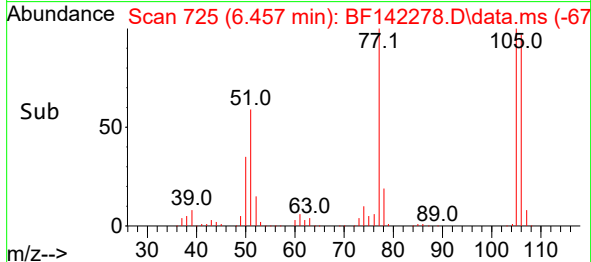
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



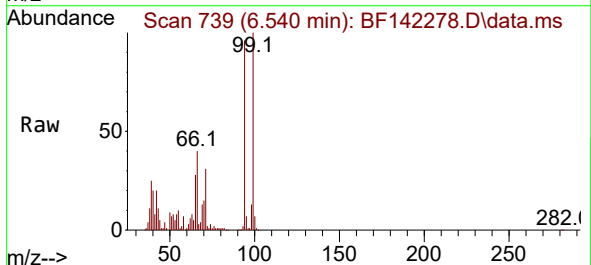
Tgt Ion: 77 Resp: 183950
Ion Ratio Lower Upper
77 100
105 99.6 79.1 119.1
106 96.6 76.0 116.0

Manual Integrations
APPROVED

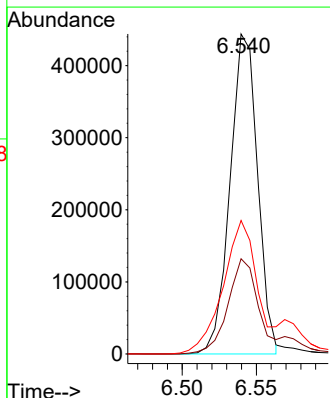
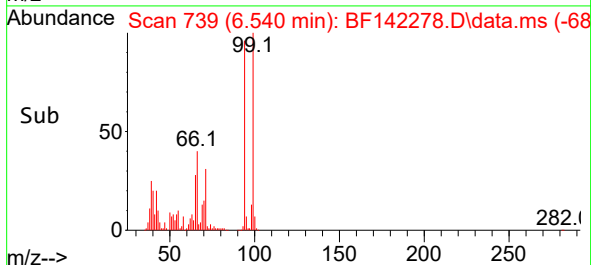
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

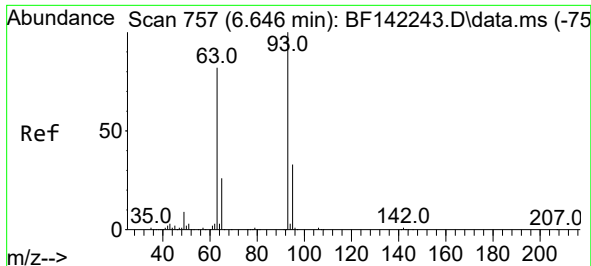


#10
Phenol
Concen: 32.370 ng m
RT: 6.540 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55



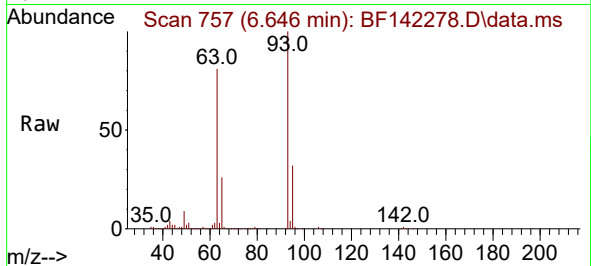
Tgt Ion: 94 Resp: 571858
Ion Ratio Lower Upper
94 100
65 29.7 8.9 48.9
66 41.7 18.7 58.7





#11
bis(2-Chloroethyl)ether
Concen: 38.919 ng
RT: 6.646 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

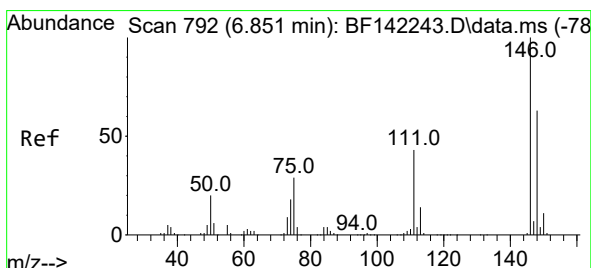
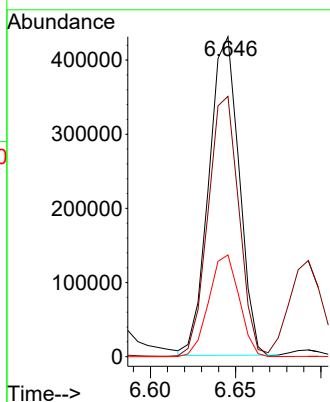
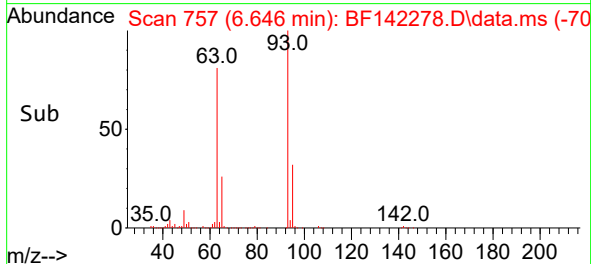
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



Tgt Ion: 93 Resp: 532809
Ion Ratio Lower Upper
93 100
63 81.3 62.2 102.2
95 31.8 12.7 52.7

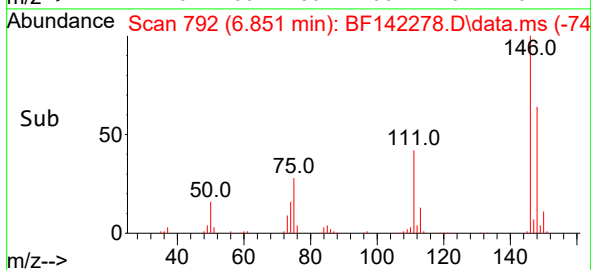
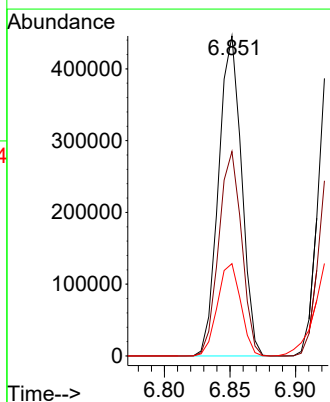
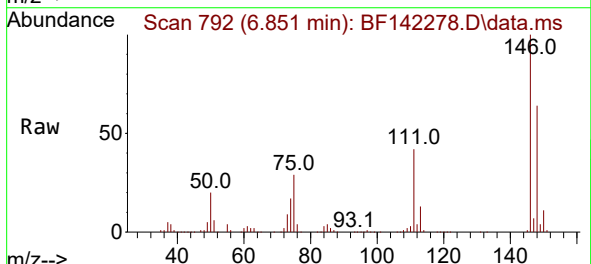
Manual Integrations
APPROVED

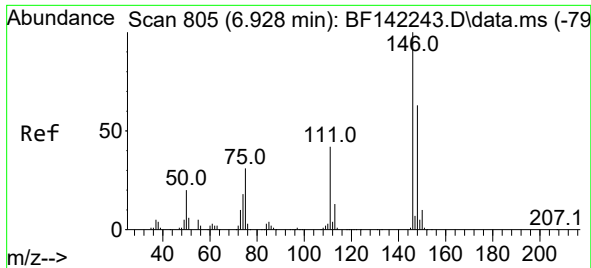
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025



#12
1,3-Dichlorobenzene
Concen: 34.140 ng
RT: 6.851 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

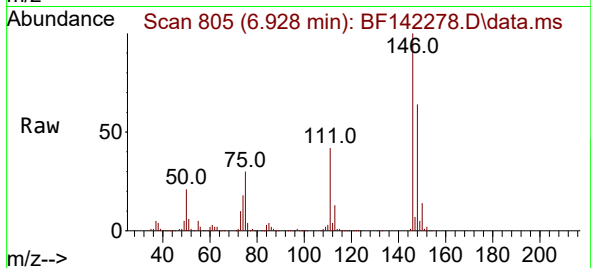
Tgt Ion:146 Resp: 542334
Ion Ratio Lower Upper
146 100
148 63.9 50.5 75.7
75 28.8 23.2 34.8





#13
1,4-Dichlorobenzene
Concen: 34.253 ng
RT: 6.928 min Scan# 805
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

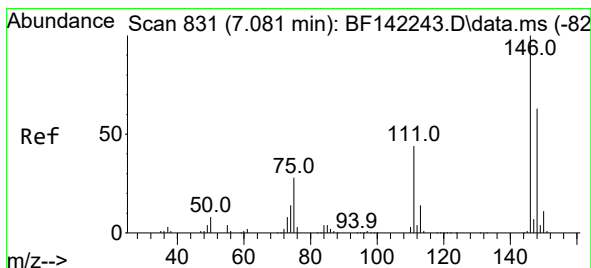
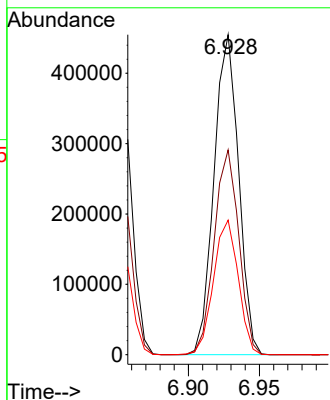
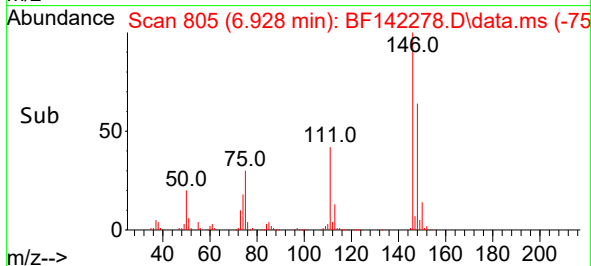
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



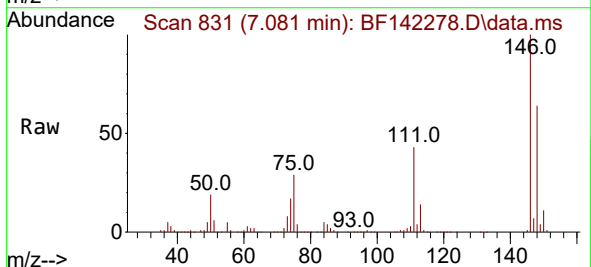
Tgt Ion:146 Resp: 54821
Ion Ratio Lower Upper
146 100
148 64.0 50.6 76.0
111 42.1 33.4 50.0

Manual Integrations
APPROVED

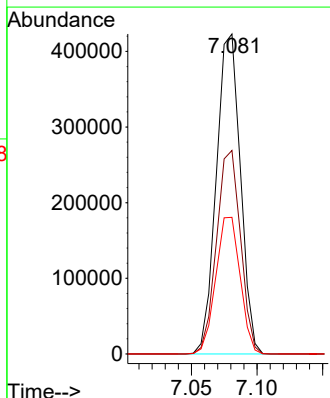
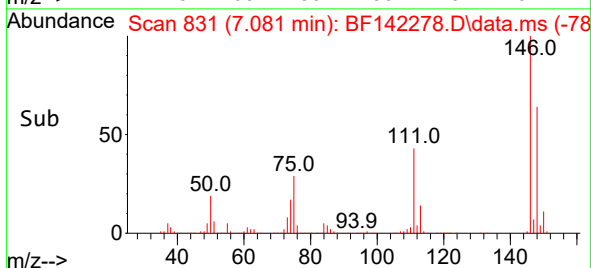
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

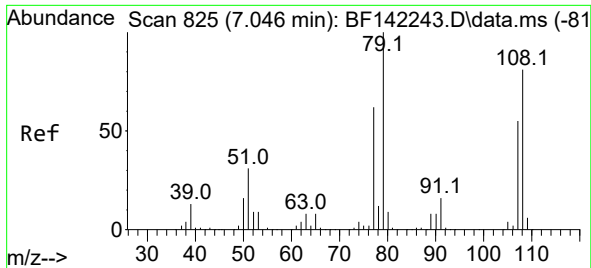


#14
1,2-Dichlorobenzene
Concen: 35.379 ng
RT: 7.081 min Scan# 831
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55



Tgt Ion:146 Resp: 540561
Ion Ratio Lower Upper
146 100
148 63.6 50.5 75.7
111 42.7 34.9 52.3





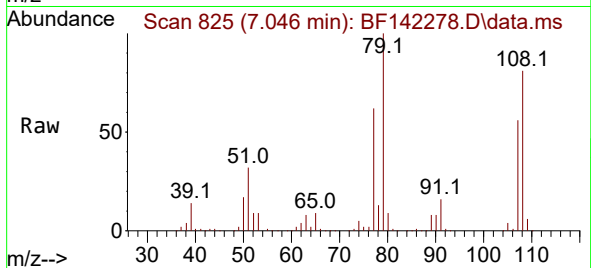
#15
Benzyl Alcohol
Concen: 41.092 ng
RT: 7.046 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD



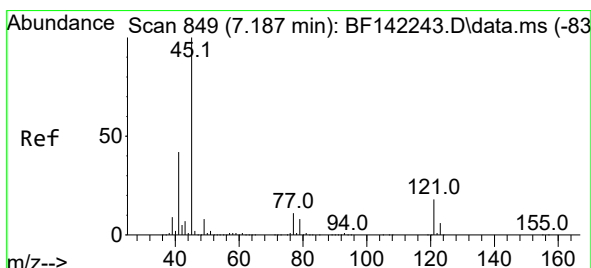
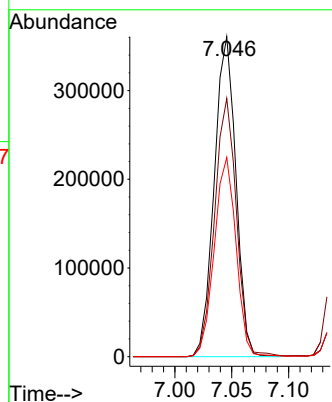
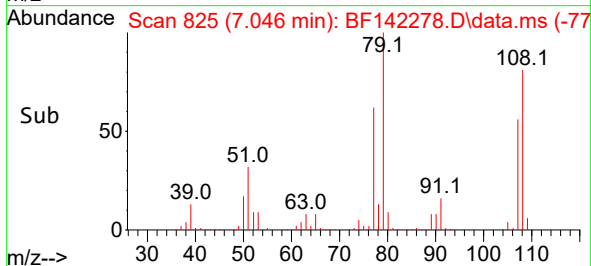
Tgt Ion: 79 Resp: 478240
Ion Ratio Lower Upper
79 100
108 80.7 64.5 96.7
77 62.2 49.2 73.8

Manual Integrations

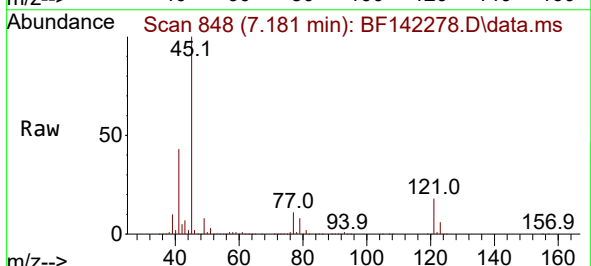
APPROVED

Reviewed By :Rahul Chavli 05/05/2025

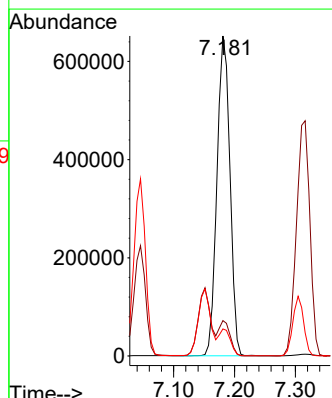
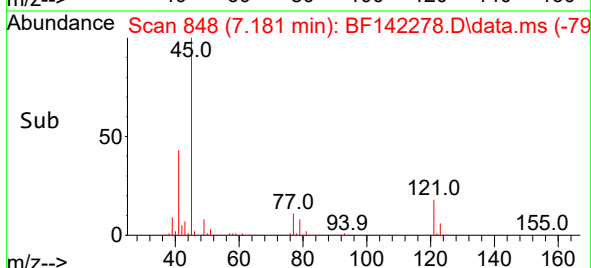
Supervised By :Jagrut Upadhyay 05/05/2025

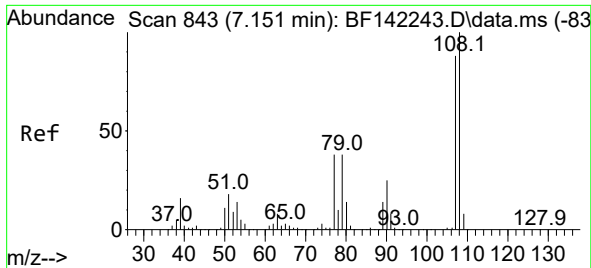


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.874 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55



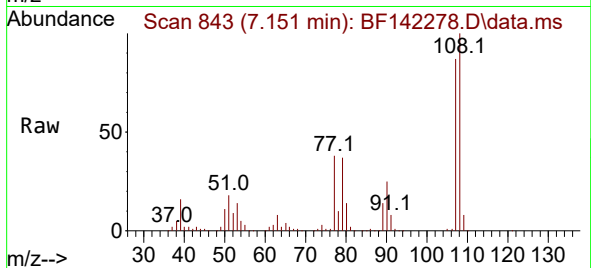
Tgt Ion: 45 Resp: 960997
Ion Ratio Lower Upper
45 100
77 11.0 0.0 31.3
79 8.4 0.0 28.5





#17
2-Methylphenol
Concen: 37.168 ng
RT: 7.151 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

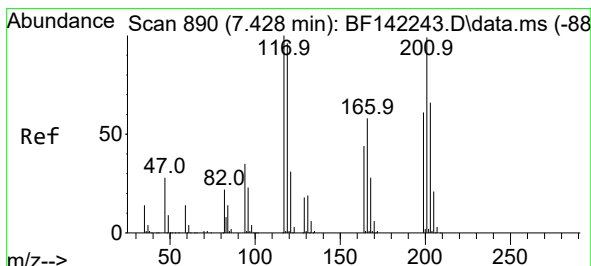
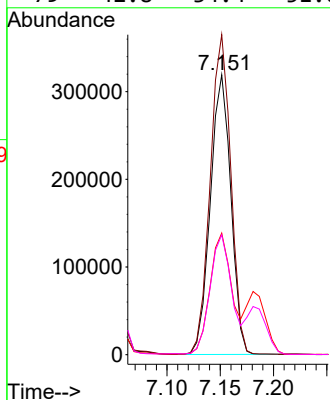
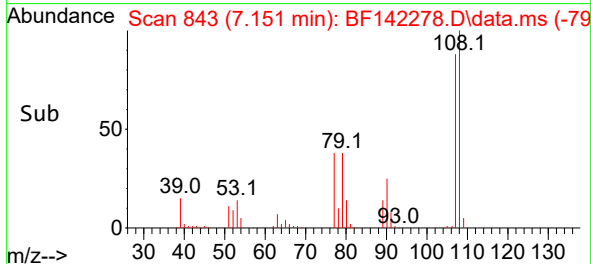
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



Tgt Ion:107 Resp: 427550
Ion Ratio Lower Upper
107 100
108 114.4 91.0 136.4
77 43.5 34.4 51.6
79 42.8 34.4 51.6

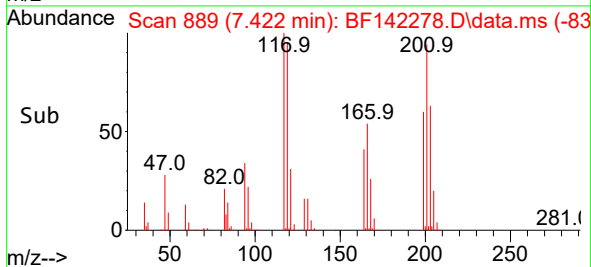
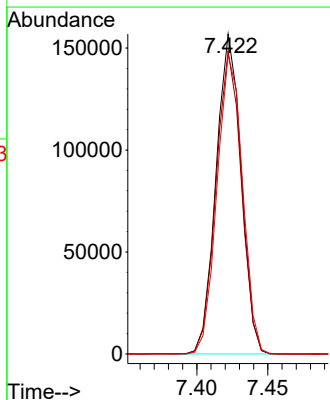
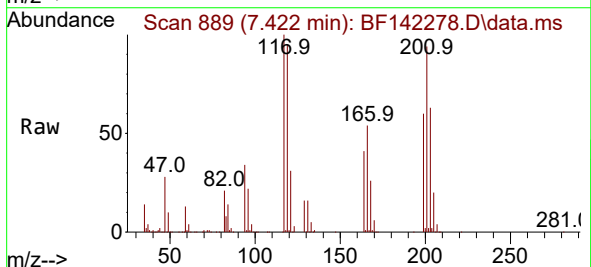
Manual Integrations
APPROVED

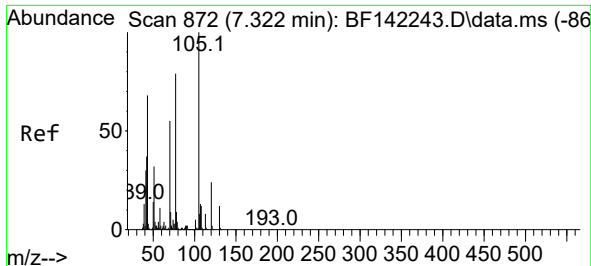
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025



#18
Hexachloroethane
Concen: 36.766 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

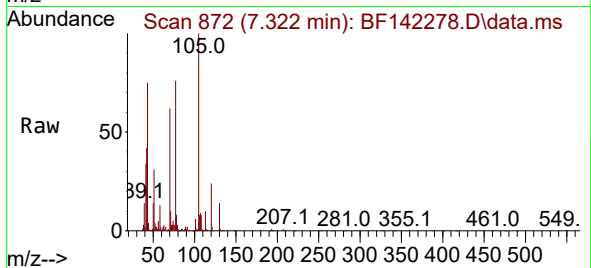
Tgt Ion:117 Resp: 192593
Ion Ratio Lower Upper
117 100
119 94.7 77.1 115.7
201 93.5 79.4 119.2





#19
n-Nitroso-di-n-propylamine
Concen: 39.523 ng
RT: 7.322 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

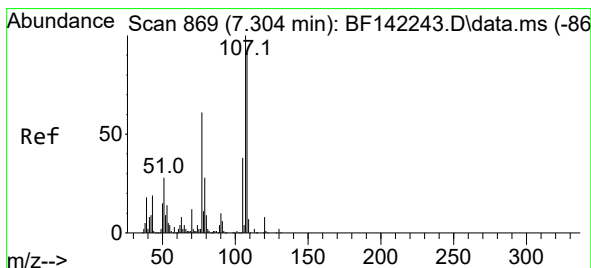
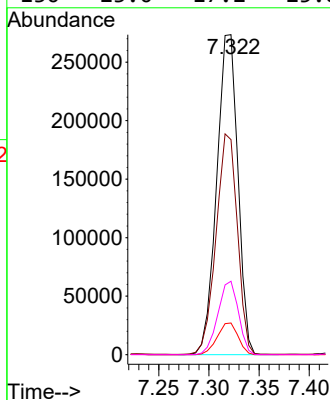
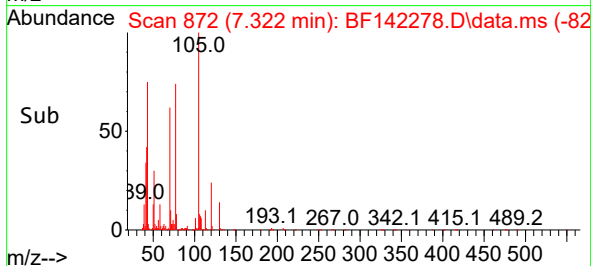
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



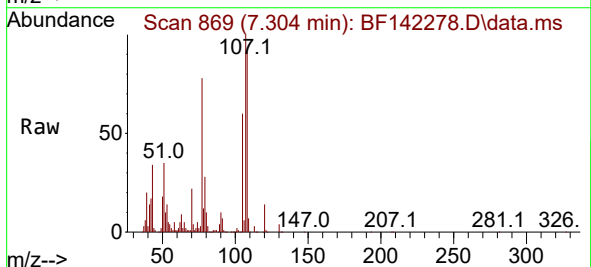
Tgt Ion: 70 Resp: 400784
Ion Ratio Lower Upper
70 100
42 67.2 53.4 80.2
101 9.9 7.7 11.5
130 23.0 17.2 25.8

Manual Integrations
APPROVED

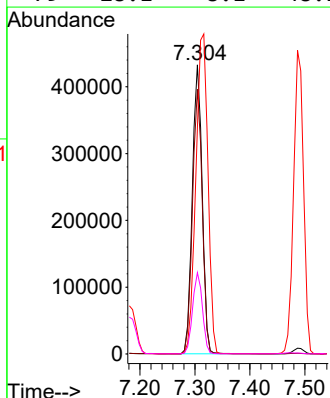
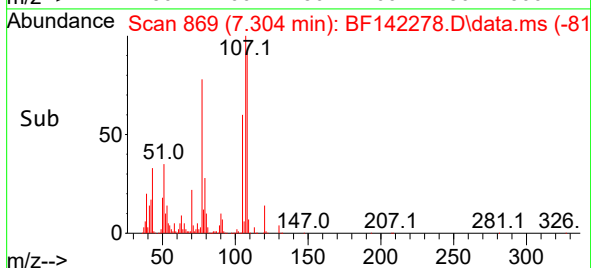
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

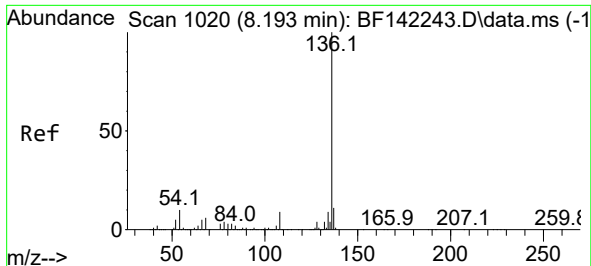


#20
3+4-Methylphenols
Concen: 37.414 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55



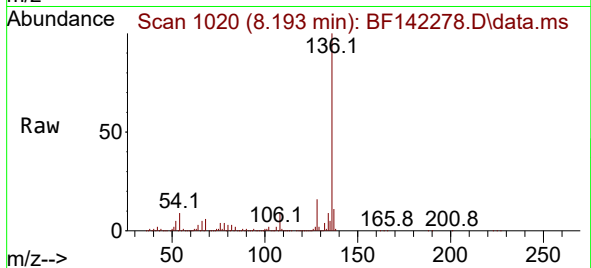
Tgt Ion:107 Resp: 538223
Ion Ratio Lower Upper
107 100
108 91.5 71.2 111.2
77 78.2 41.1 81.1
79 28.1 8.1 48.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.193 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

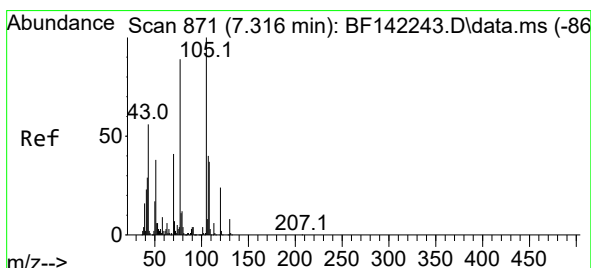
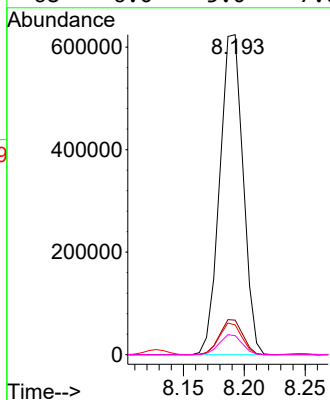
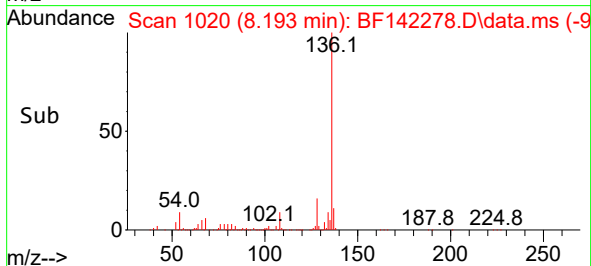
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



Tgt Ion:136 Resp: 832930
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 9.3 7.7 11.5
68 6.0 5.0 7.6

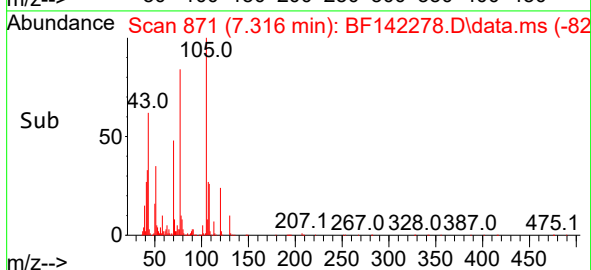
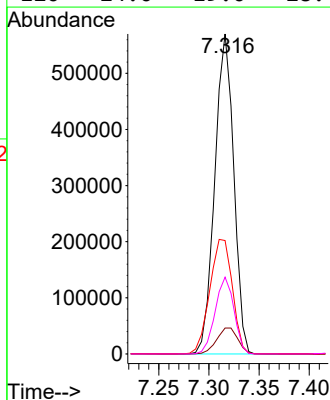
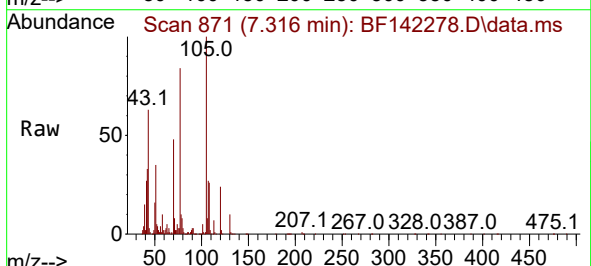
Manual Integrations
APPROVED

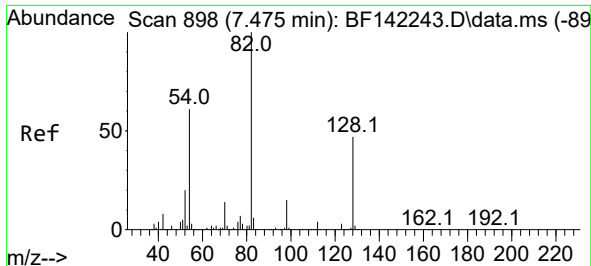
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025



#22
Acetophenone
Concen: 38.819 ng
RT: 7.316 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

Tgt Ion:105 Resp: 748030
Ion Ratio Lower Upper
105 100
71 8.1 5.7 8.5
51 35.4 30.1 45.1
120 24.0 19.0 28.4





#23

Nitrobenzene-d5

Concen: 87.769 ng

RT: 7.469 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

Tgt Ion: 82 Resp: 111277

Ion Ratio Lower Upper

82 100

128 46.9 37.0 55.6

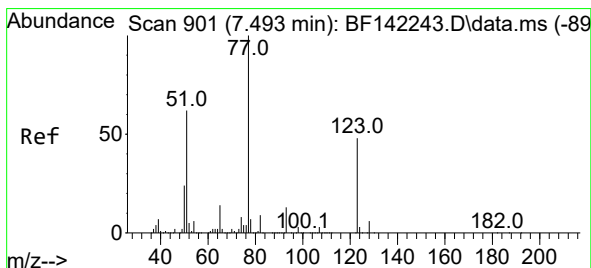
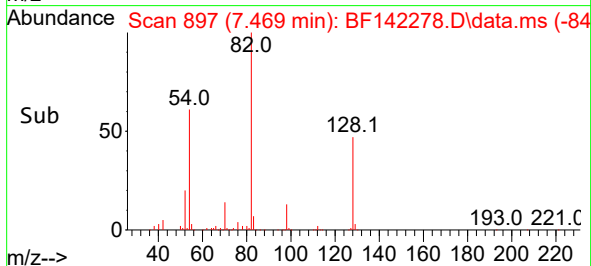
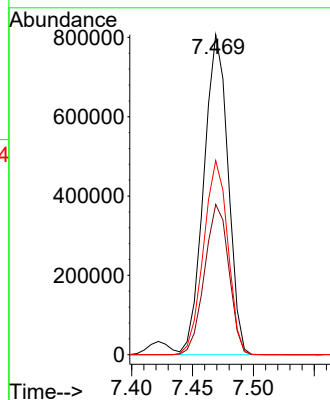
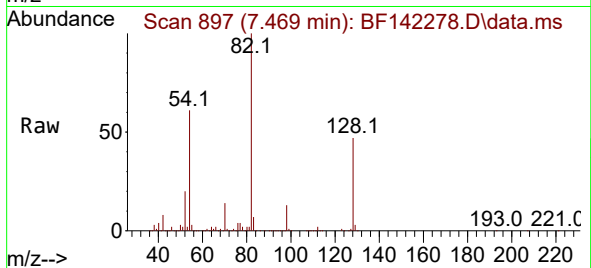
54 60.6 48.0 72.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/05/2025

Supervised By :Jagrut Upadhyay 05/05/2025



#24

Nitrobenzene

Concen: 45.910 ng

RT: 7.487 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

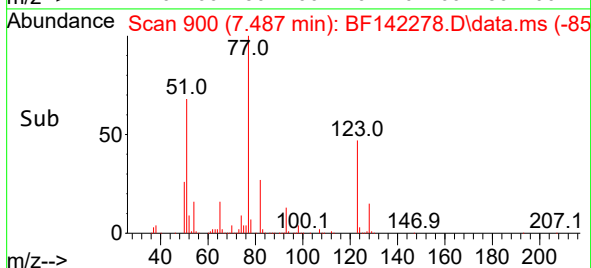
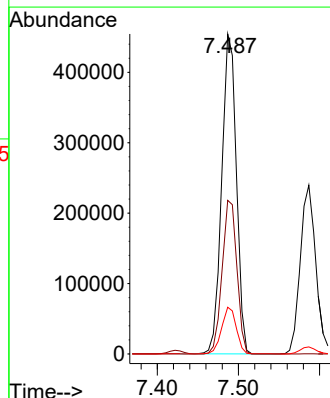
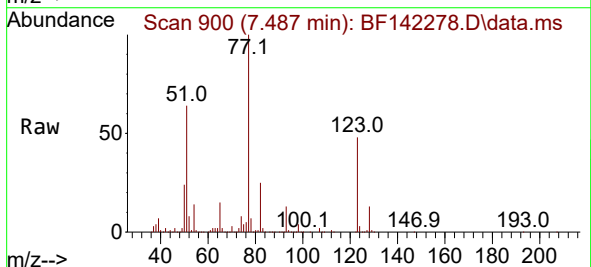
Tgt Ion: 77 Resp: 571114

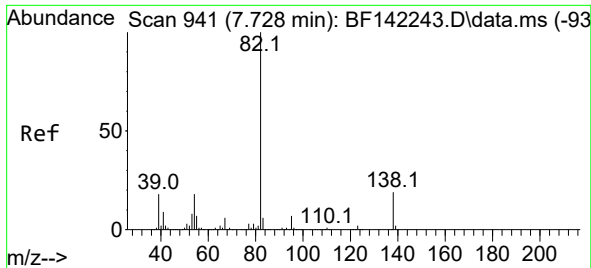
Ion Ratio Lower Upper

77 100

123 48.0 38.6 58.0

65 14.6 11.5 17.3





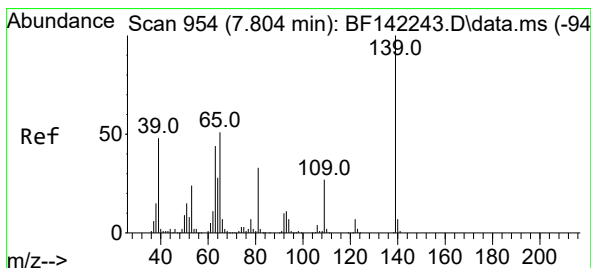
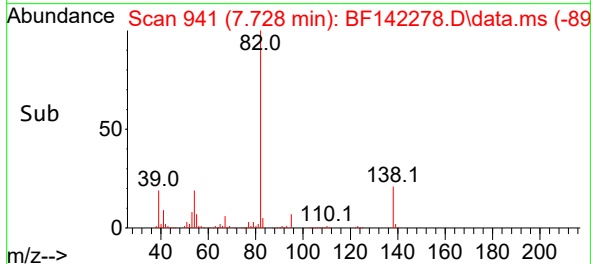
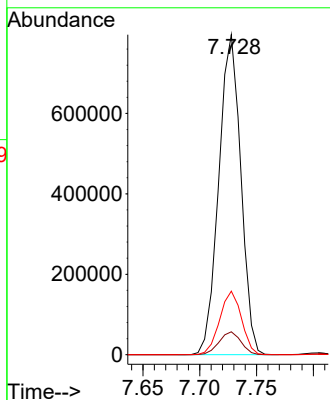
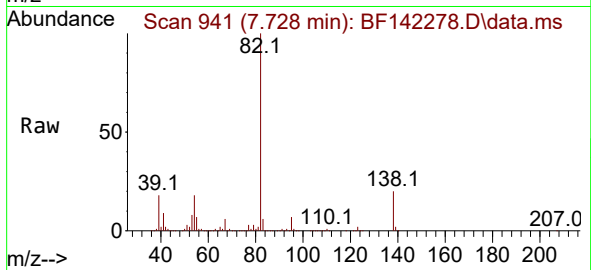
#25
Isophorone
Concen: 40.426 ng
RT: 7.728 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

Tgt Ion: 82 Resp: 107568
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 19.8 15.3 22.9

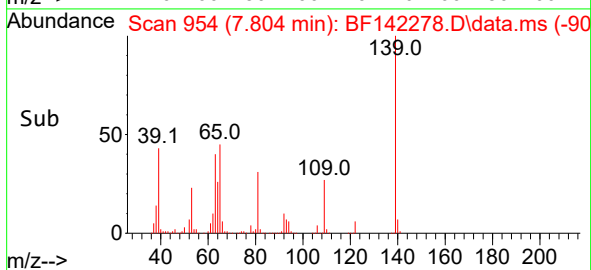
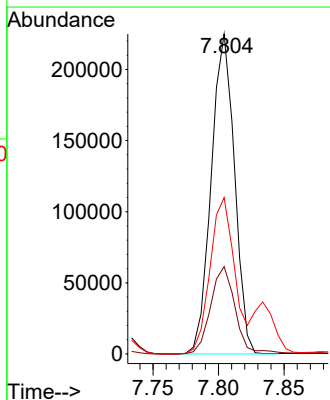
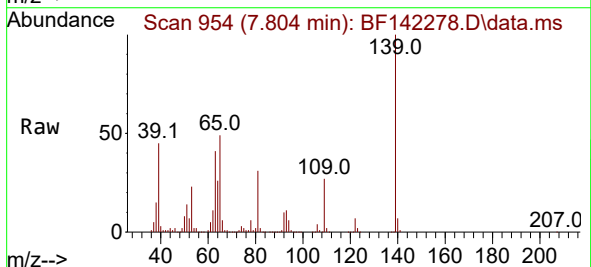
Manual Integrations
APPROVED

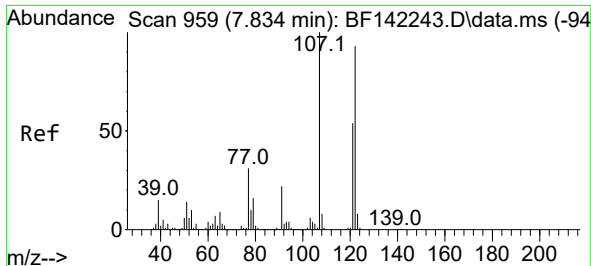
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025



#26
2-Nitrophenol
Concen: 51.929 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

Tgt Ion:139 Resp: 277477
Ion Ratio Lower Upper
139 100
109 27.3 21.8 32.8
65 48.8 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 36.919 ng

RT: 7.834 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142278.D

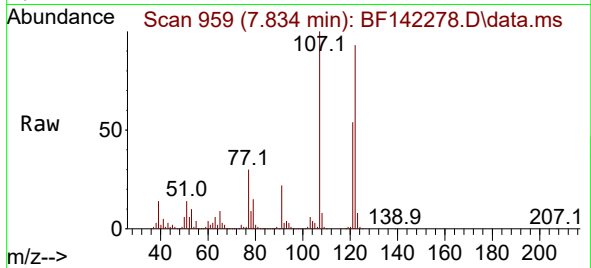
Acq: 02 May 2025 12:55

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD



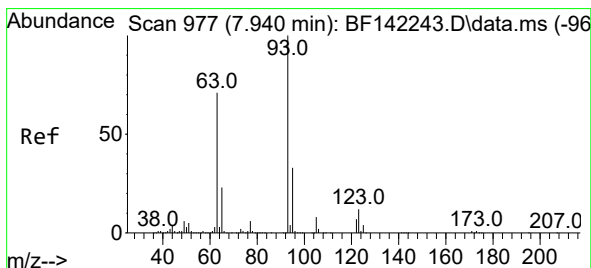
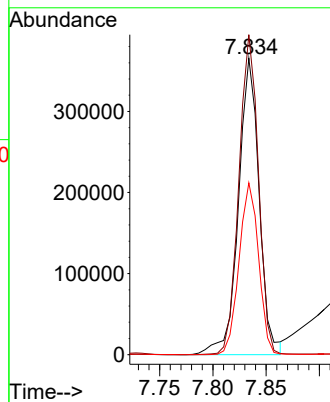
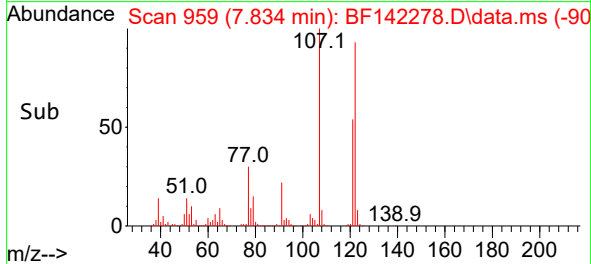
Tgt Ion:	122	Resp:	49529
Ion Ratio	Lower	Upper	
122	100		
107	107.9	86.0	129.0
121	58.0	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/05/2025

Supervised By :Jagrut Upadhyay 05/05/2025



#28

bis(2-Chloroethoxy)methane

Concen: 40.843 ng

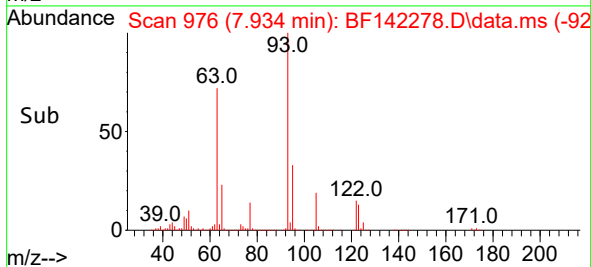
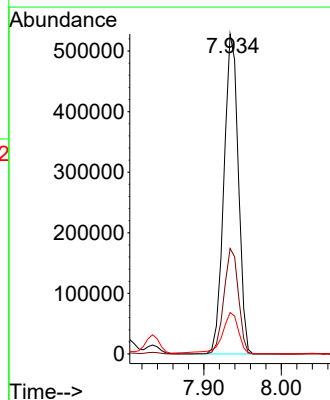
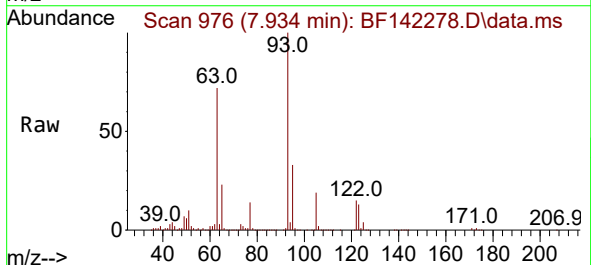
RT: 7.934 min Scan# 976

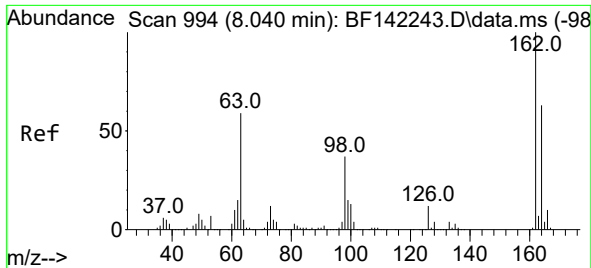
Delta R.T. -0.006 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

Tgt Ion:	93	Resp:	685392
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.2	39.2
123	13.0	9.7	14.5





#29

2,4-Dichlorophenol

Concen: 43.112 ng

RT: 8.040 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF142278.D

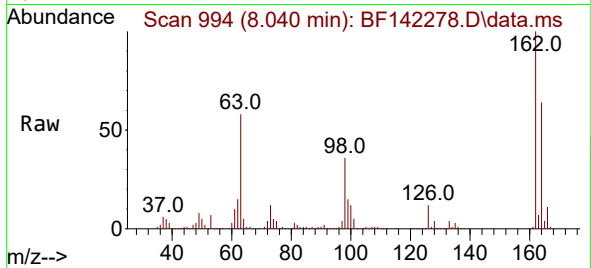
Acq: 02 May 2025 12:55

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD



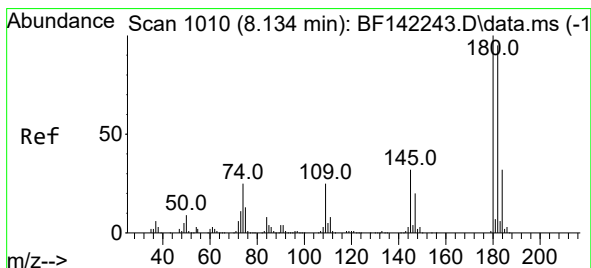
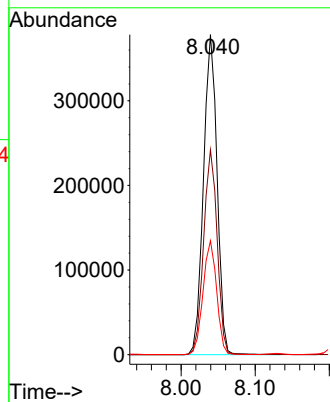
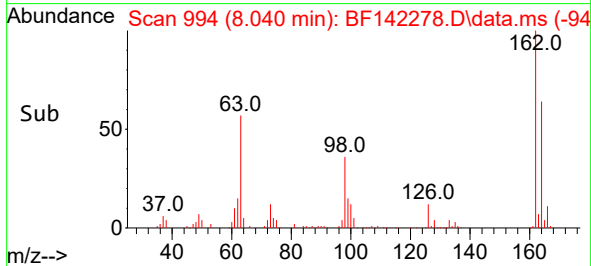
Tgt Ion:162	Resp:	48354
Ion Ratio	Lower	Upper
162	100	
164	64.0	43.0 83.0
98	35.6	16.7 56.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/05/2025

Supervised By :Jagrut Upadhyay 05/05/2025



#30

1,2,4-Trichlorobenzene

Concen: 38.586 ng

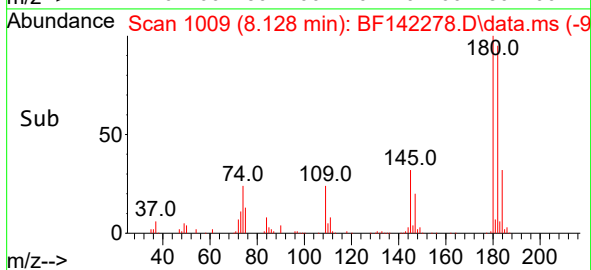
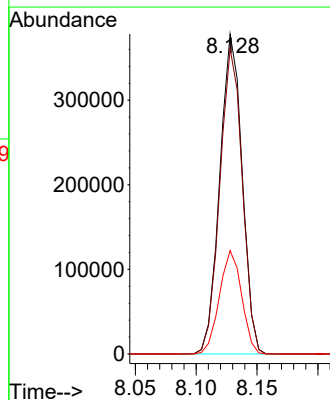
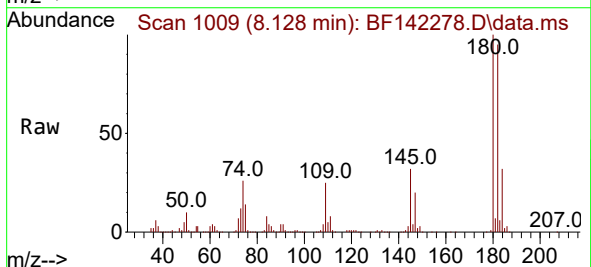
RT: 8.128 min Scan# 1009

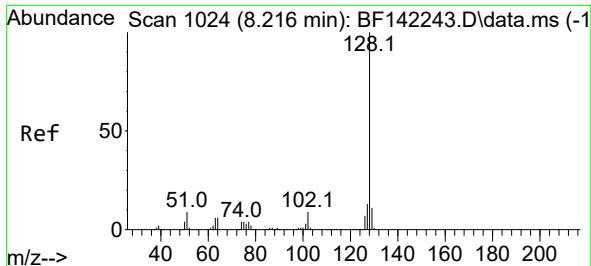
Delta R.T. -0.006 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

Tgt Ion:180	Resp:	482951
Ion Ratio	Lower	Upper
180	100	
182	95.4	75.7 113.5
145	32.3	25.4 38.0





#31

Naphthalene

Concen: 38.745 ng

RT: 8.210 min Scan# 1024

Delta R.T. -0.006 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

Tgt Ion:128 Resp: 160941

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.4

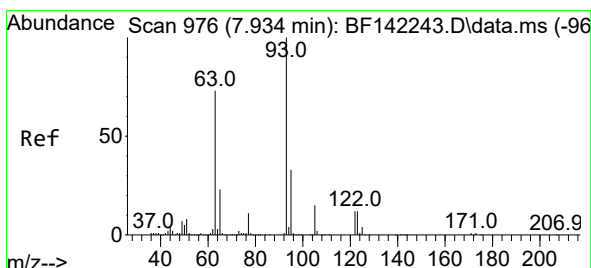
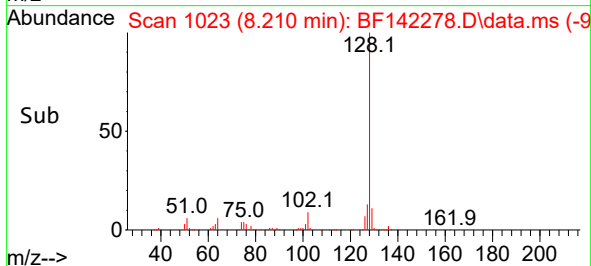
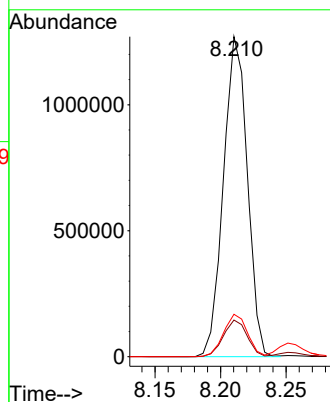
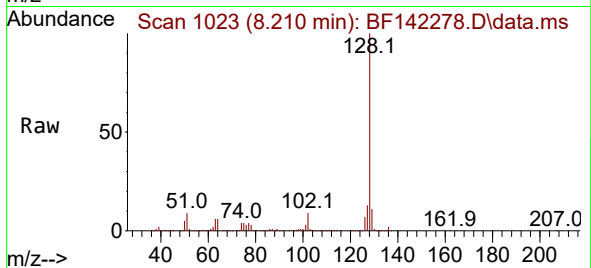
127 13.3 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/05/2025

Supervised By :Jagrut Upadhyay 05/05/2025



#32

Benzoic acid

Concen: 42.769 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.006 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

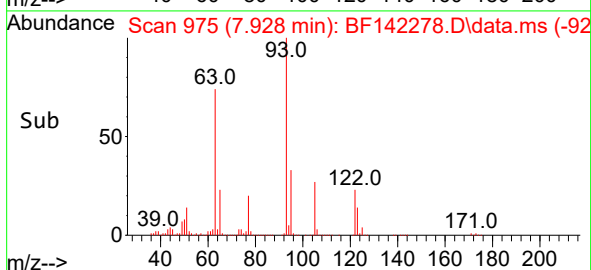
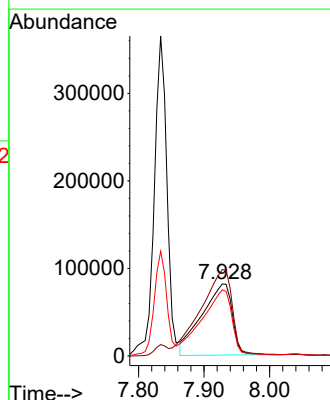
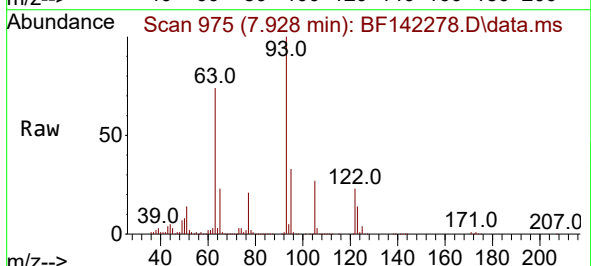
Tgt Ion:122 Resp: 263320

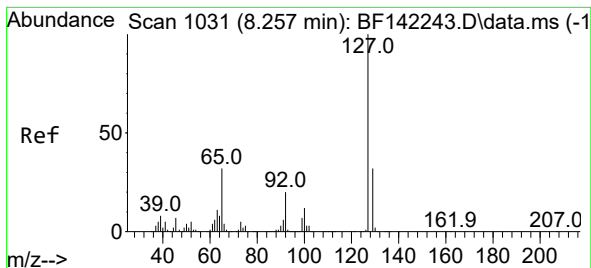
Ion Ratio Lower Upper

122 100

105 119.9 98.2 138.2

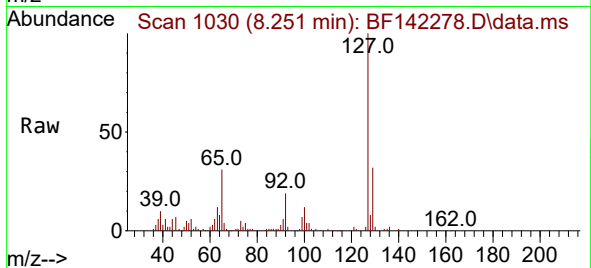
77 91.8 66.8 106.8





#33
4-Chloroaniline
Concen: 4.193 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

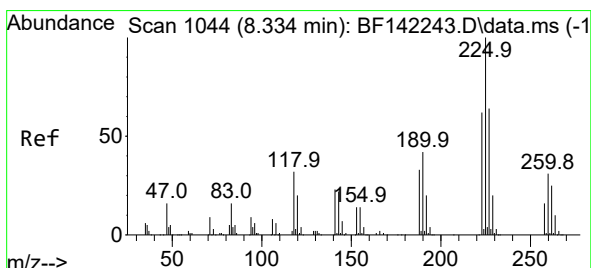
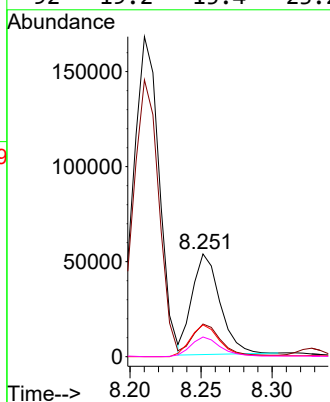
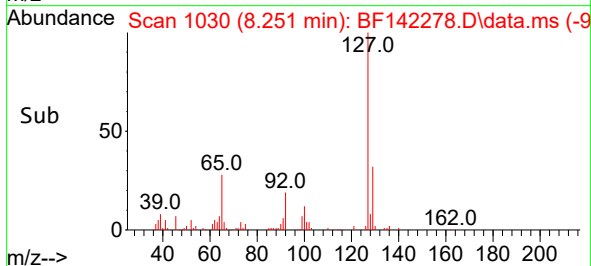
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



Tgt Ion:127	Resp:	7253
Ion Ratio	Lower	Upper
127	100	
129	31.9	26.1 39.1
65	31.0	25.5 38.3
92	19.2	15.4 23.2

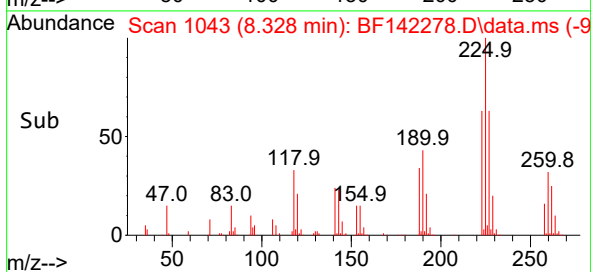
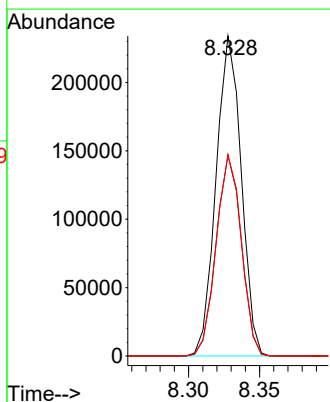
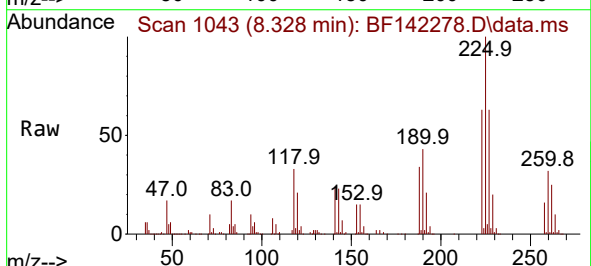
Manual Integrations
APPROVED

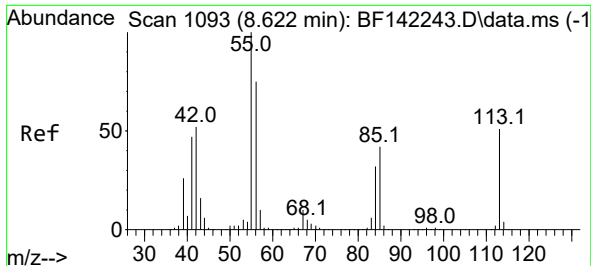
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025



#34
Hexachlorobutadiene
Concen: 39.436 ng
RT: 8.328 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

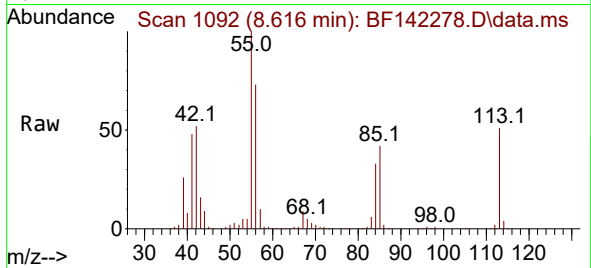
Tgt Ion:225	Resp:	287976
Ion Ratio	Lower	Upper
225	100	
223	62.7	49.7 74.5
227	62.9	51.0 76.4





#35
 Caprolactam
 Concen: 37.167 ng m
 RT: 8.616 min Scan# 1092
 Delta R.T. -0.006 min
 Lab File: BF142278.D
 Acq: 02 May 2025 12:55

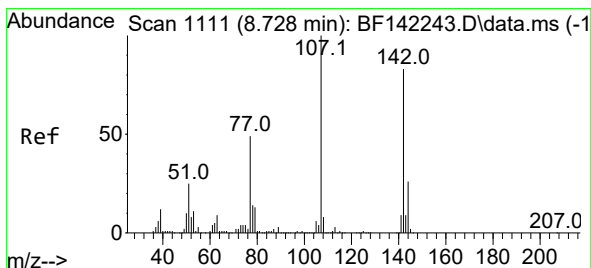
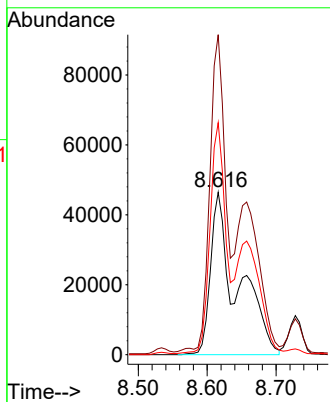
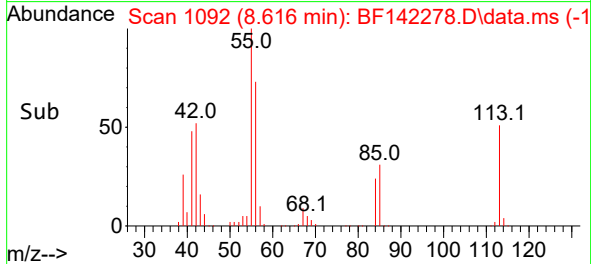
Instrument :
 BNA_F
 ClientSampleId :
 B-167-SB01MSD



Tgt Ion:113 Resp: 125300
 Ion Ratio Lower Upper
 113 100
 55 197.1 177.7 217.7
 56 142.9 127.1 167.1

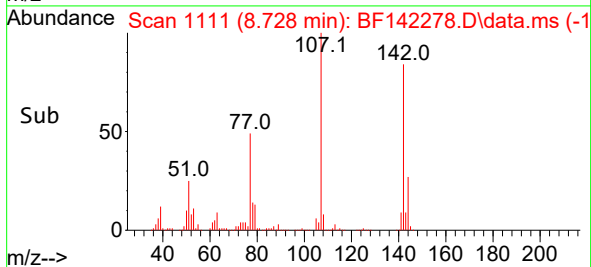
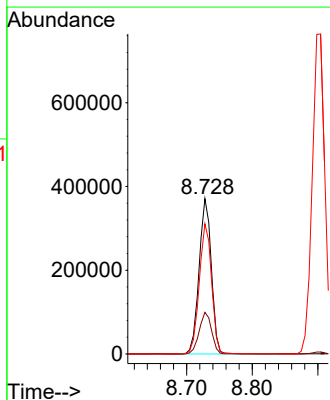
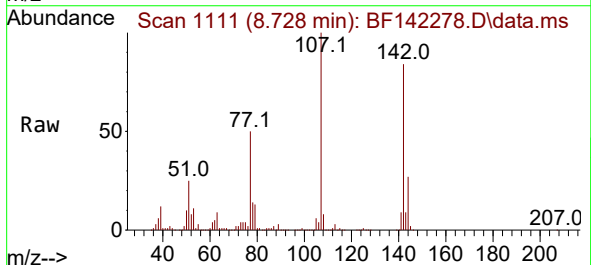
Manual Integrations
 APPROVED

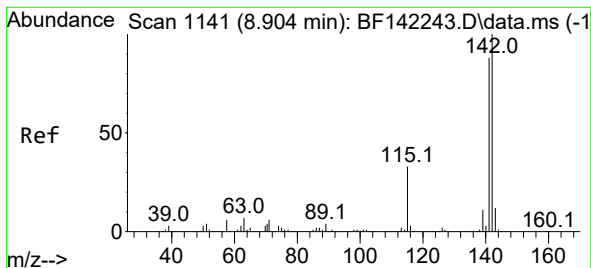
Reviewed By :Rahul Chavli 05/05/2025
 Supervised By :Jagrut Upadhyay 05/05/2025



#36
 4-Chloro-3-methylphenol
 Concen: 42.095 ng
 RT: 8.728 min Scan# 1111
 Delta R.T. 0.000 min
 Lab File: BF142278.D
 Acq: 02 May 2025 12:55

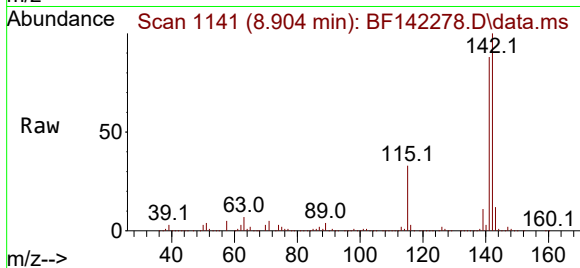
Tgt Ion:107 Resp: 484815
 Ion Ratio Lower Upper
 107 100
 144 26.8 21.0 31.4
 142 83.9 66.1 99.1





#37
2-Methylnaphthalene
Concen: 39.656 ng
RT: 8.904 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

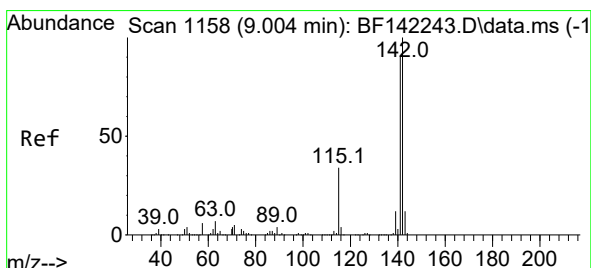
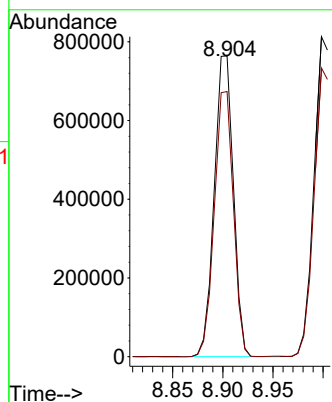
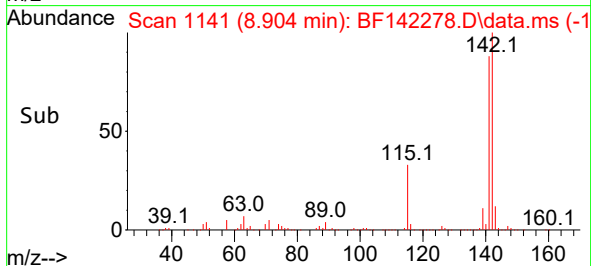
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



Tgt Ion:142 Resp: 101278
Ion Ratio Lower Upper
142 100
141 88.1 70.5 105.7

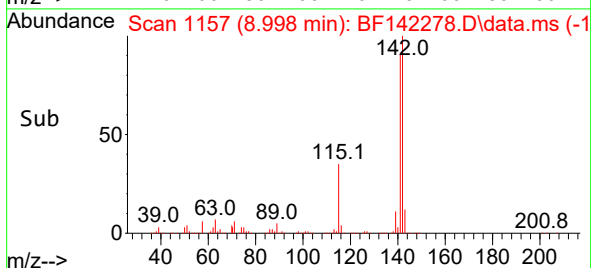
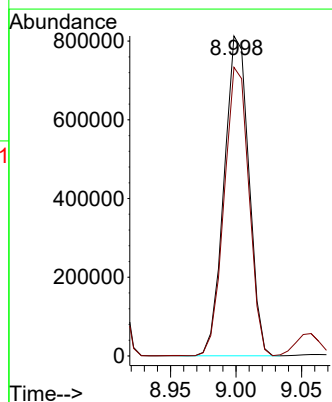
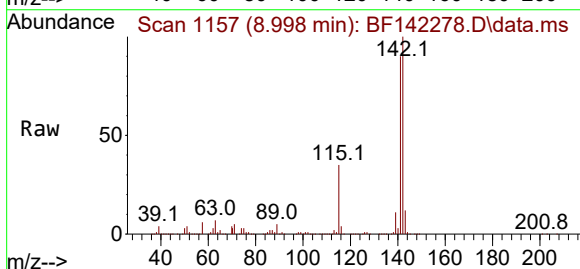
Manual Integrations
APPROVED

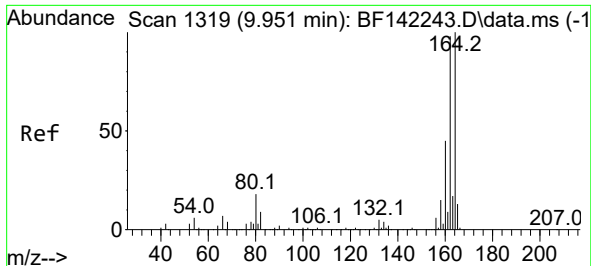
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025



#38
1-Methylnaphthalene
Concen: 40.276 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

Tgt Ion:142 Resp: 1065609
Ion Ratio Lower Upper
142 100
141 90.2 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: BF142278.D

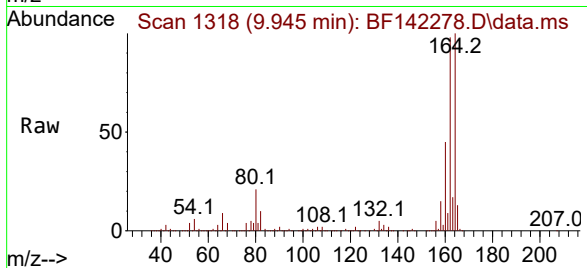
Acq: 02 May 2025 12:55

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD



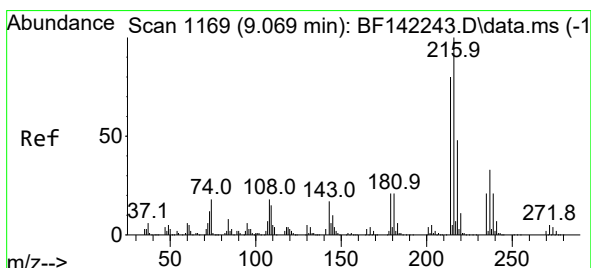
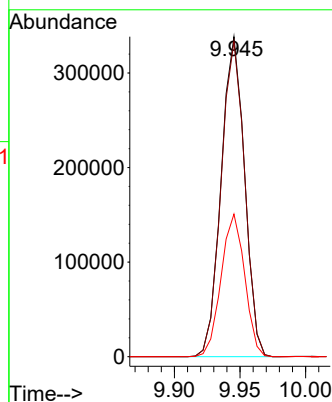
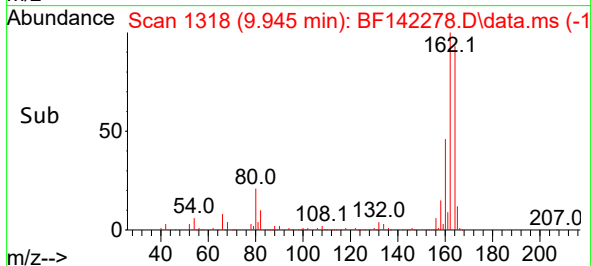
Tgt Ion:	164	Resp:	41940
Ion Ratio	100	Lower	Upper
164	100		
162	98.5	78.6	117.8
160	44.5	35.7	53.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/05/2025

Supervised By :Jagrut Upadhyay 05/05/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.817 ng

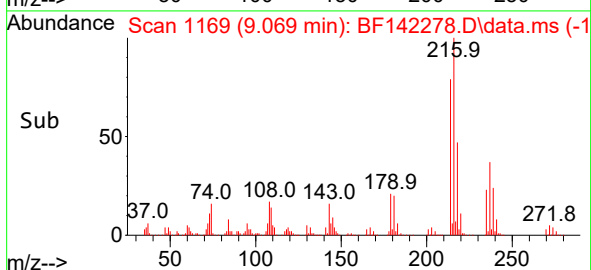
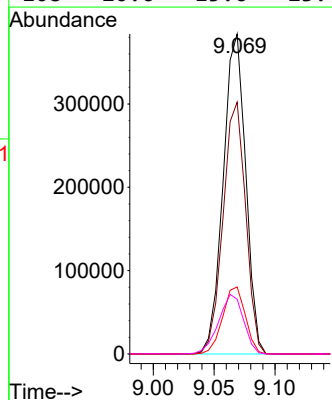
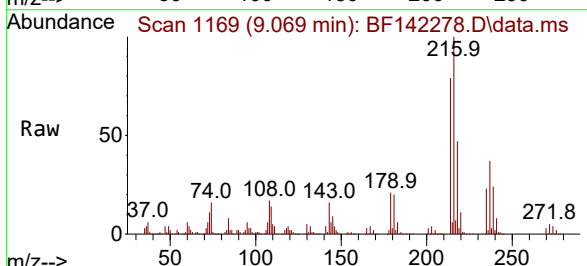
RT: 9.069 min Scan# 1169

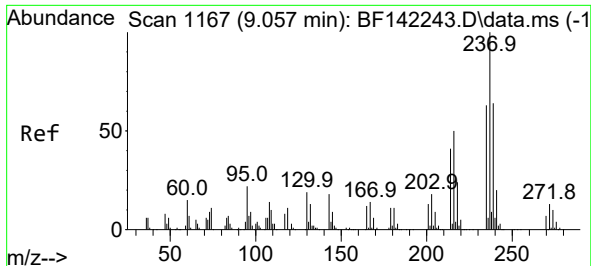
Delta R.T. 0.000 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

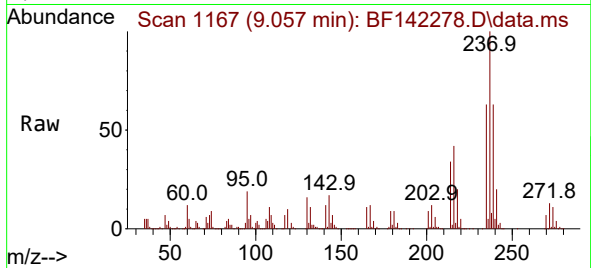
Tgt Ion:	216	Resp:	493589
Ion Ratio	100	Lower	Upper
216	100		
214	79.0	63.8	95.6
179	21.2	16.7	25.1
108	20.6	15.6	23.4





#41
Hexachlorocyclopentadiene
Concen: 91.299 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

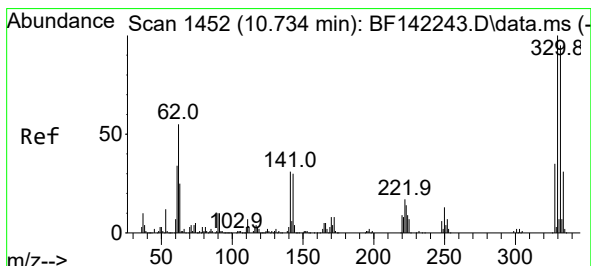
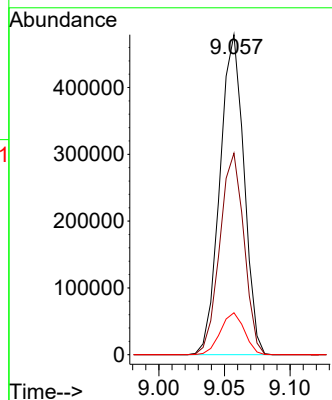
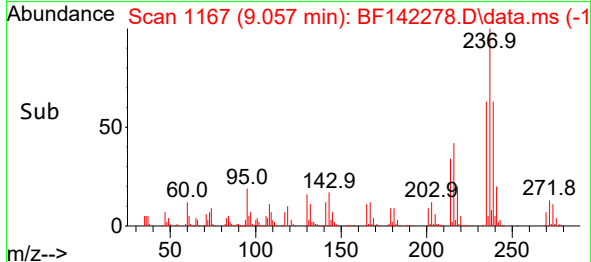
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



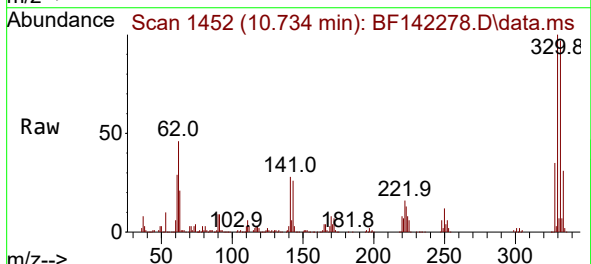
Tgt Ion: 237 Resp: 61161
Ion Ratio Lower Upper
237 100
235 63.0 43.5 83.5
272 13.1 0.0 32.9

Manual Integrations
APPROVED

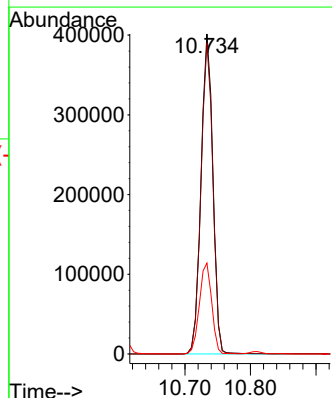
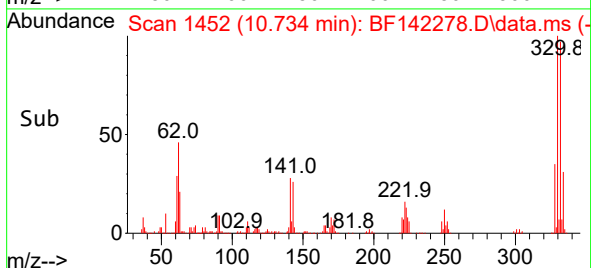
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

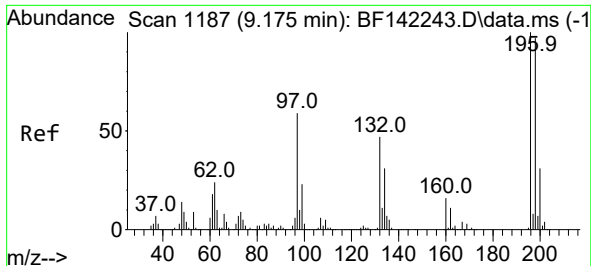


#42
2,4,6-Tribromophenol
Concen: 132.507 ng
RT: 10.734 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55



Tgt Ion: 330 Resp: 506639
Ion Ratio Lower Upper
330 100
332 97.3 76.5 114.7
141 29.5 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 48.009 ng

RT: 9.175 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF142278.D

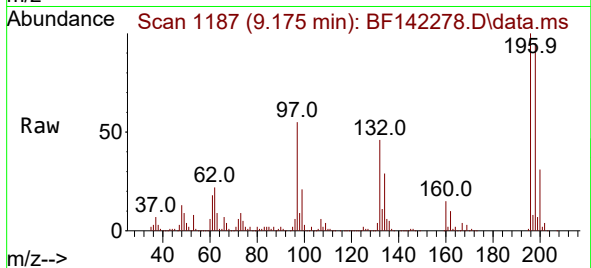
Acq: 02 May 2025 12:55

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD



Tgt Ion:196 Resp: 35114

Ion Ratio Lower Upper

196 100

198 95.1 77.4 116.2

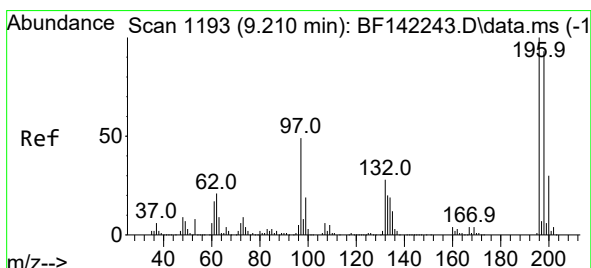
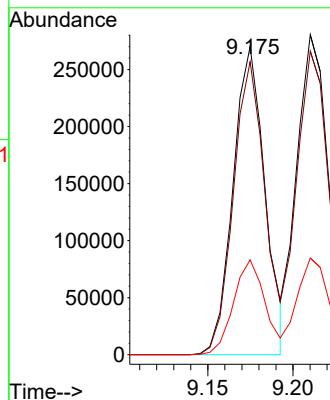
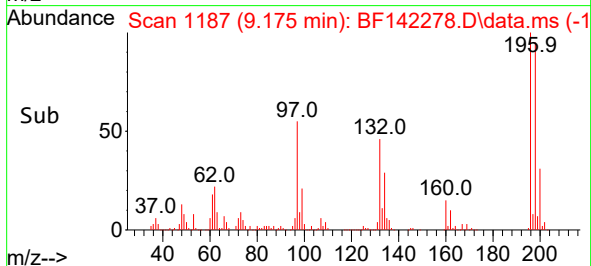
200 30.8 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/05/2025

Supervised By :Jagrut Upadhyay 05/05/2025



#44

2,4,5-Trichlorophenol

Concen: 47.034 ng

RT: 9.210 min Scan# 1193

Delta R.T. 0.000 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

Tgt Ion:196 Resp: 361688

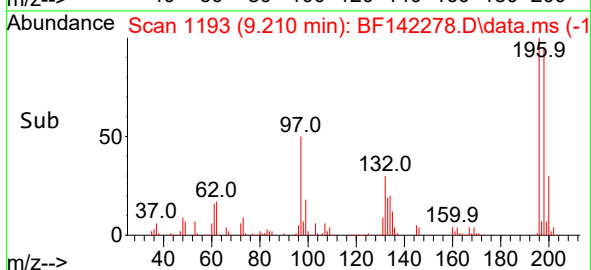
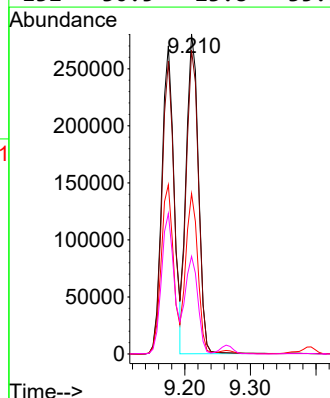
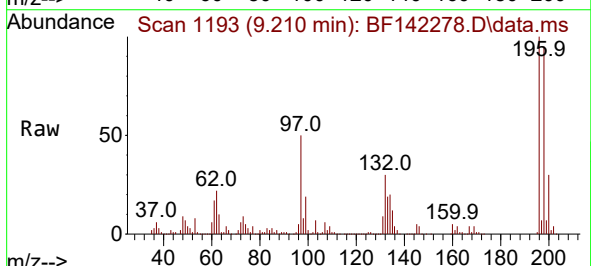
Ion Ratio Lower Upper

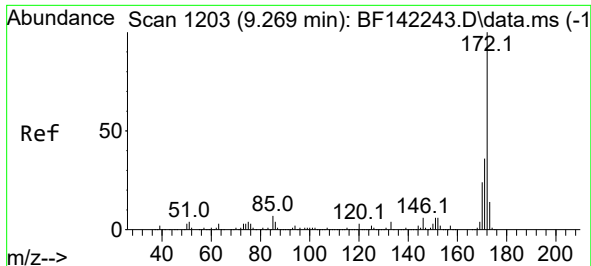
196 100

198 94.8 75.2 112.8

97 50.1 39.8 59.8

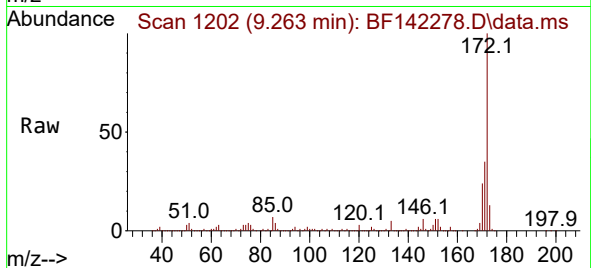
132 30.5 23.8 35.8





#45
2-Fluorobiphenyl
Concen: 72.323 ng
RT: 9.263 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

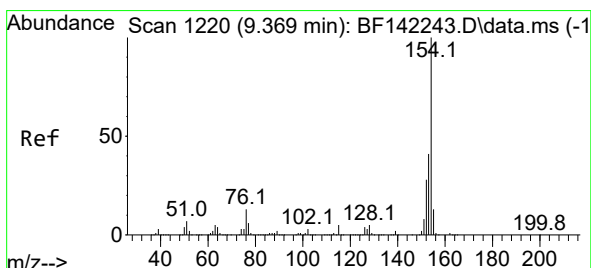
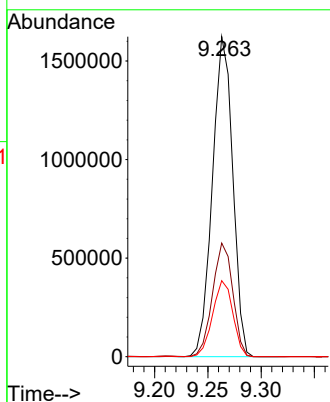
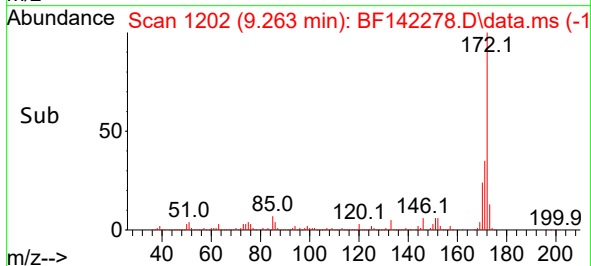
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



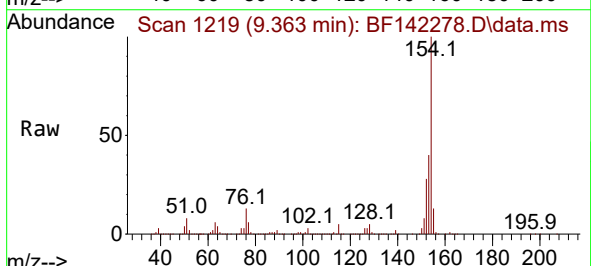
Tgt Ion:172 Resp: 215130
Ion Ratio Lower Upper
172 100
171 35.5 29.0 43.4
170 23.8 19.4 29.0

Manual Integrations
APPROVED

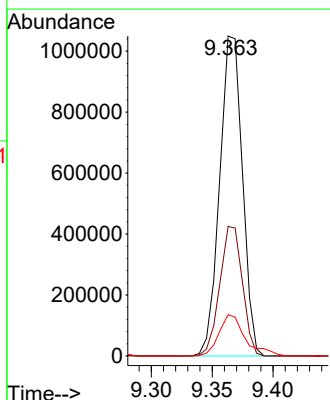
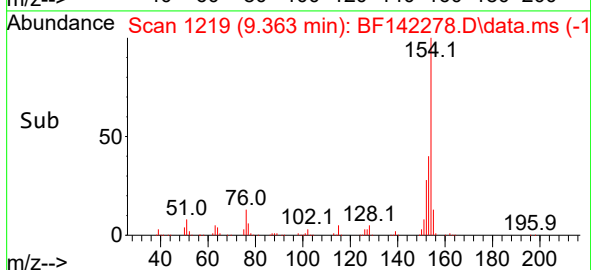
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

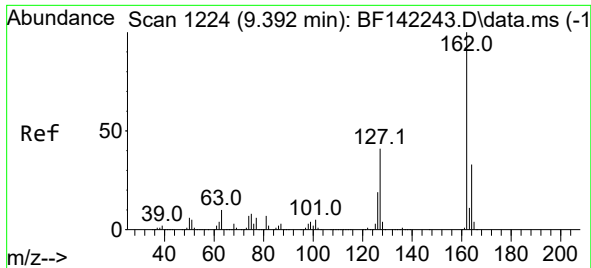


#46
1,1'-Biphenyl
Concen: 41.970 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55



Tgt Ion:154 Resp: 1368430
Ion Ratio Lower Upper
154 100
153 40.4 20.5 60.5
76 12.9 0.0 32.8





#47

2-Chloronaphthalene

Concen: 42.083 ng

RT: 9.392 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

Tgt Ion:162 Resp: 102086

Ion Ratio Lower Upper

162 100

127 40.5 32.6 49.0

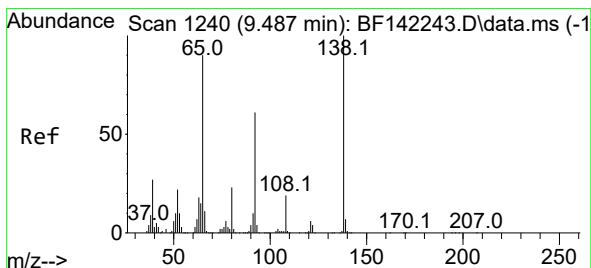
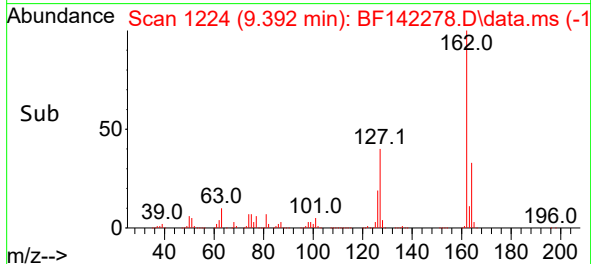
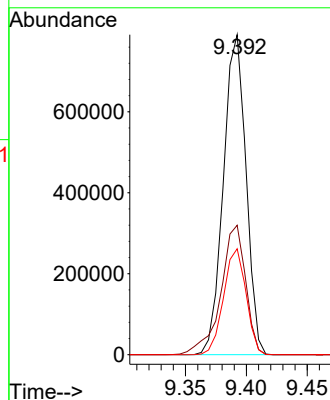
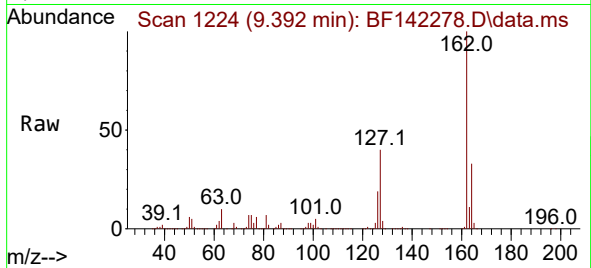
164 33.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/05/2025

Supervised By :Jagrut Upadhyay 05/05/2025



#48

2-Nitroaniline

Concen: 49.782 ng

RT: 9.481 min Scan# 1239

Delta R.T. -0.006 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

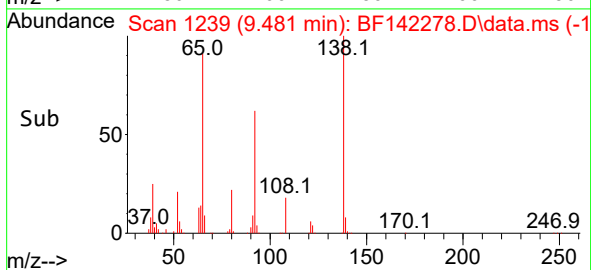
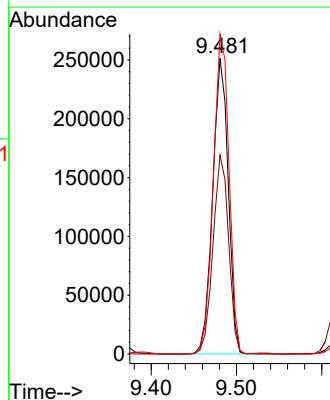
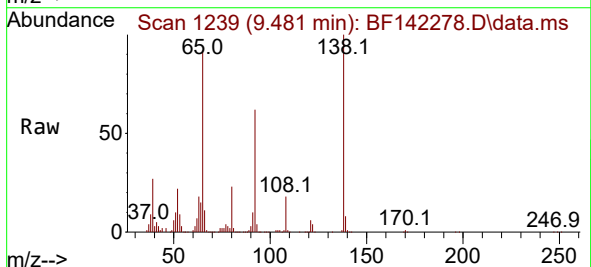
Tgt Ion: 65 Resp: 319718

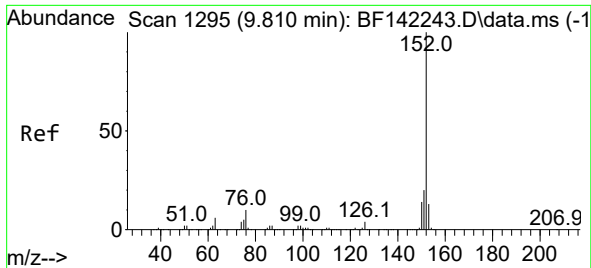
Ion Ratio Lower Upper

65 100

92 67.2 54.3 81.5

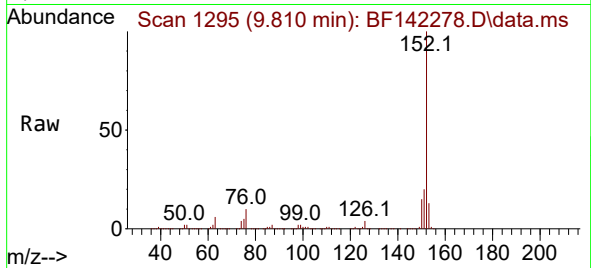
138 108.2 88.6 133.0





#49
Acenaphthylene
Concen: 41.776 ng
RT: 9.810 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

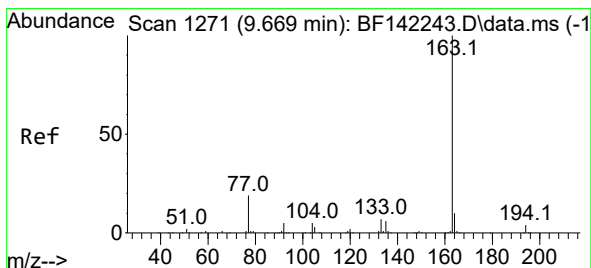
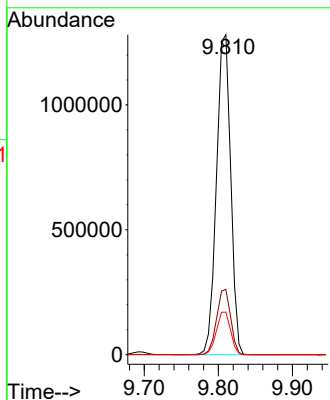
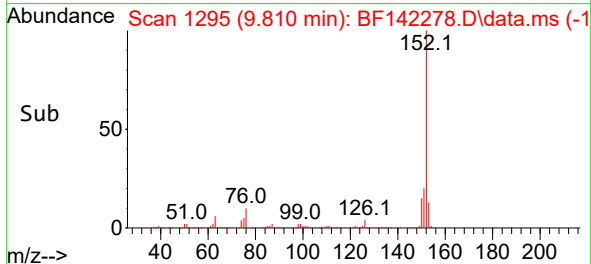
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



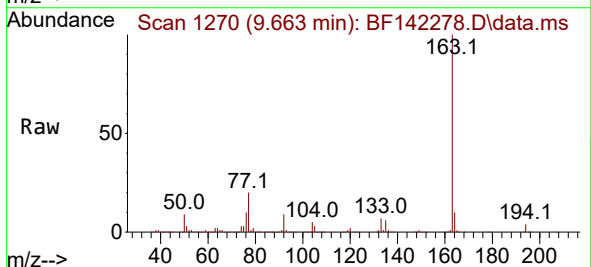
Tgt Ion:152 Resp: 1710079
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 13.3 10.7 16.1

Manual Integrations
APPROVED

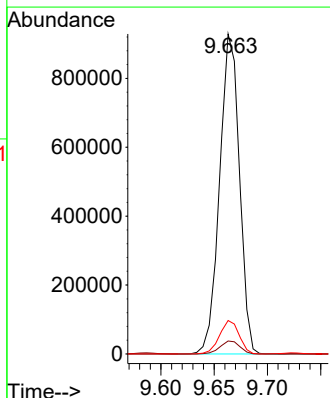
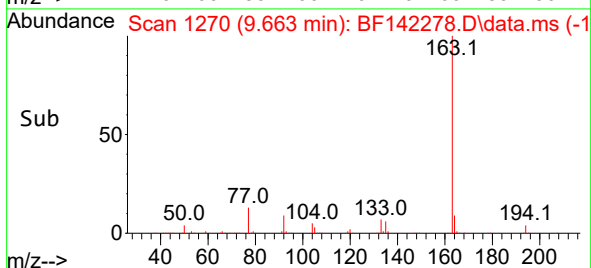
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

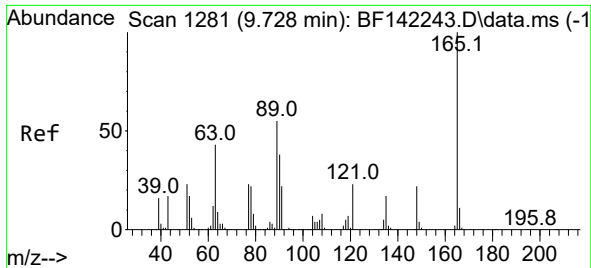


#50
Dimethylphthalate
Concen: 44.716 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55



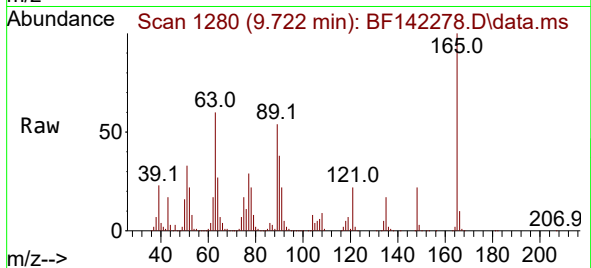
Tgt Ion:163 Resp: 1199810
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.4 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 49.228 ng
RT: 9.722 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

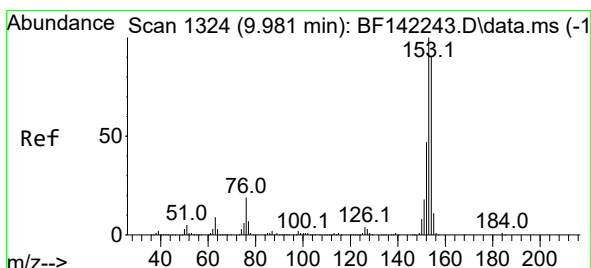
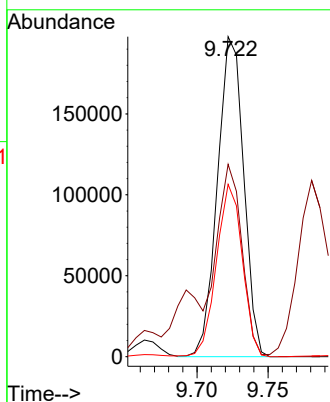
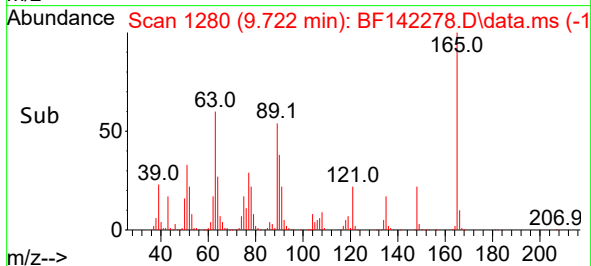
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



Tgt Ion:165 Resp: 253920
Ion Ratio Lower Upper
165 100
63 60.1 48.5 72.7
89 53.9 43.9 65.9

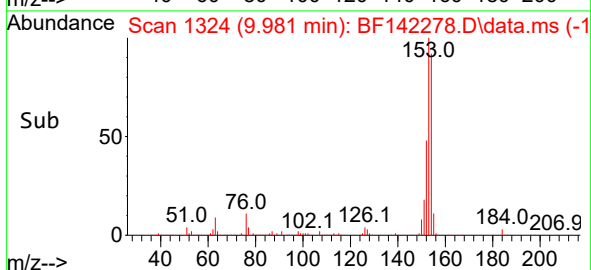
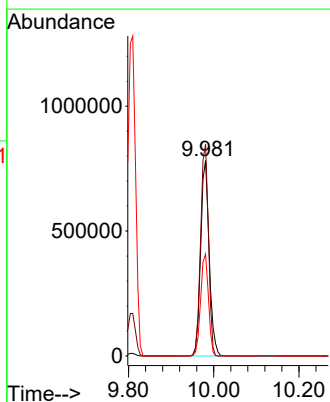
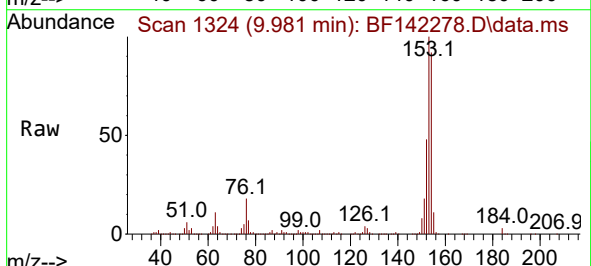
Manual Integrations
APPROVED

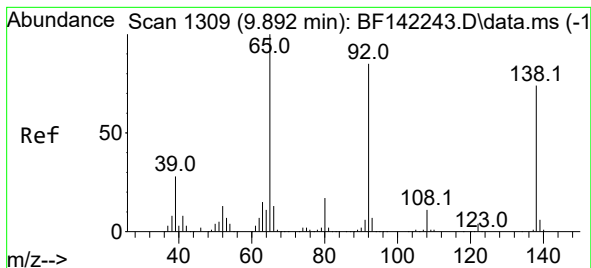
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025



#52
Acenaphthene
Concen: 45.482 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

Tgt Ion:154 Resp: 1087078
Ion Ratio Lower Upper
154 100
153 108.5 88.6 133.0
152 52.1 42.1 63.1





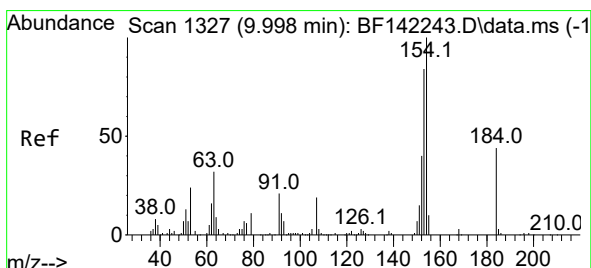
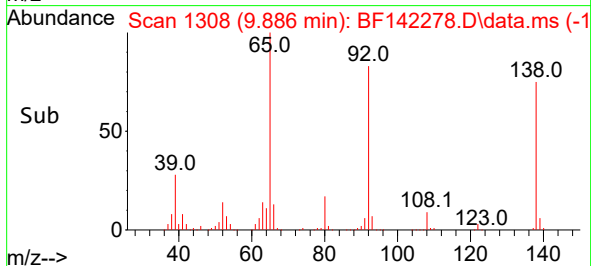
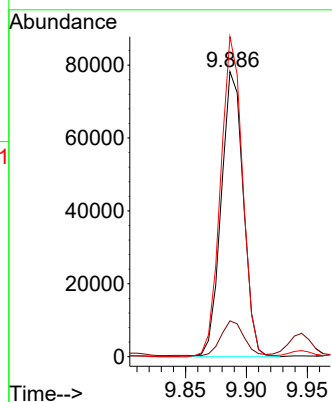
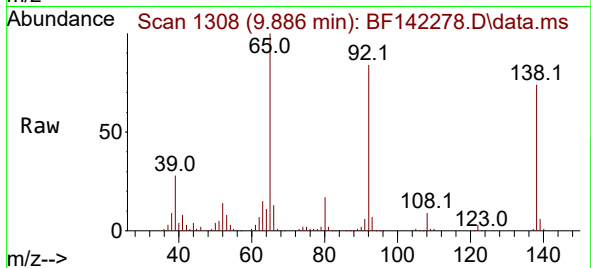
#53
3-Nitroaniline
Concen: 17.958 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

Tgt Ion:138 Resp: 9904
Ion Ratio Lower Upper
138 100
108 12.6 11.7 17.5
92 112.3 91.2 136.8

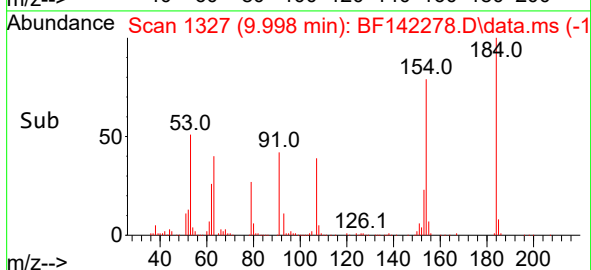
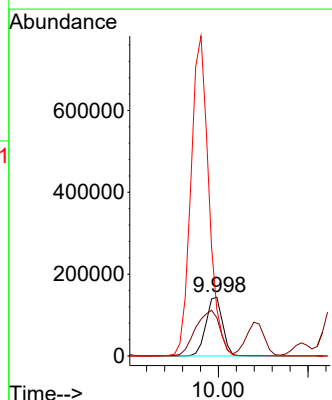
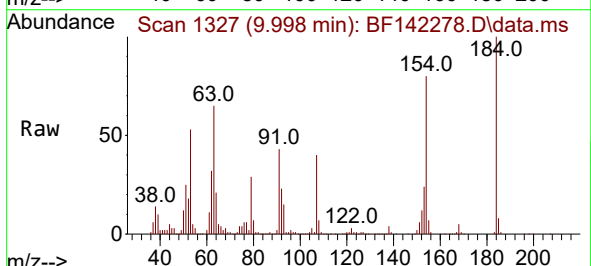
Manual Integrations
APPROVED

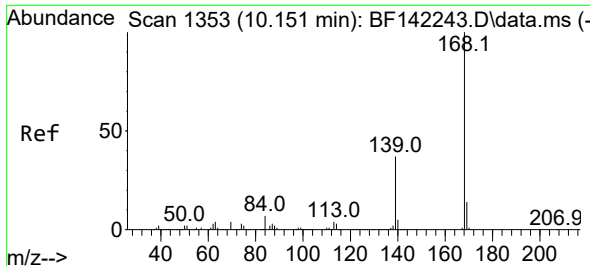
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025



#54
2,4-Dinitrophenol
Concen: 93.898 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

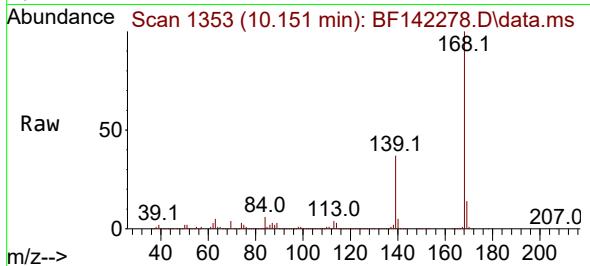
Tgt Ion:184 Resp: 184644
Ion Ratio Lower Upper
184 100
63 65.1 69.2 103.8#
154 79.6 271.4 407.2#





#55
Dibenzofuran
Concen: 42.495 ng
RT: 10.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

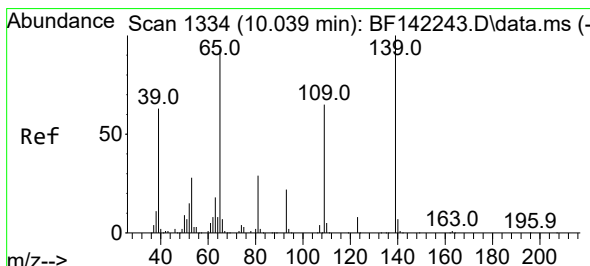
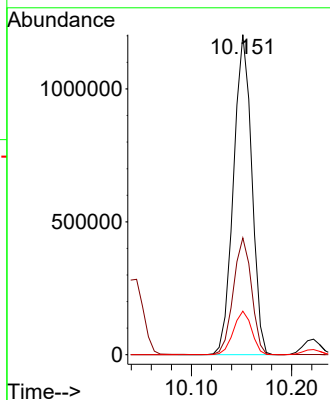
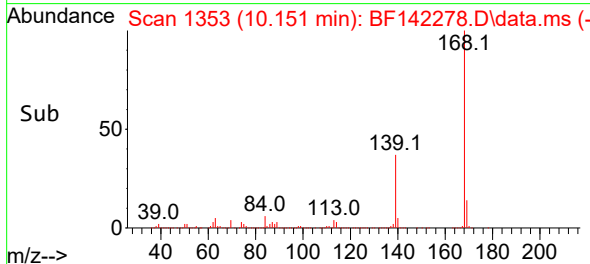
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



Tgt Ion:168 Resp: 152254
Ion Ratio Lower Upper
168 100
139 36.5 29.4 44.0
169 13.6 11.0 16.4

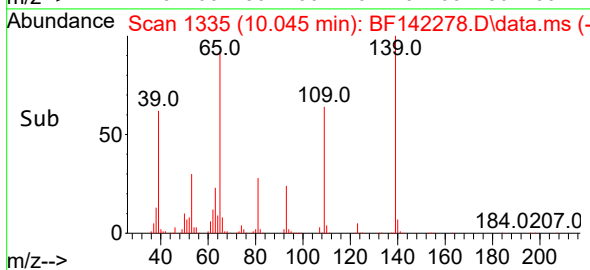
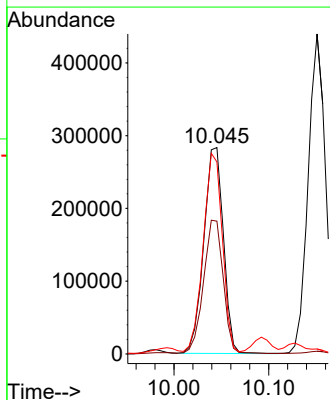
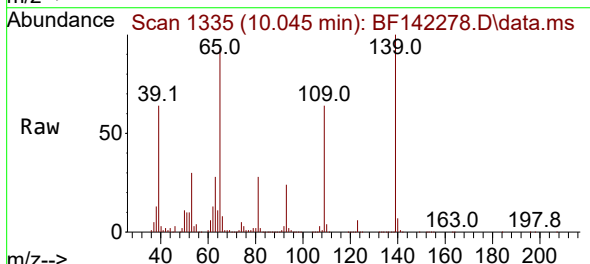
Manual Integrations
APPROVED

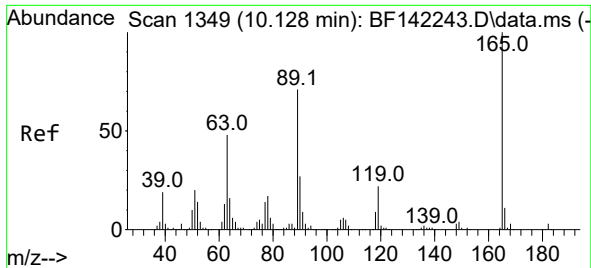
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025



#56
4-Nitrophenol
Concen: 96.548 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

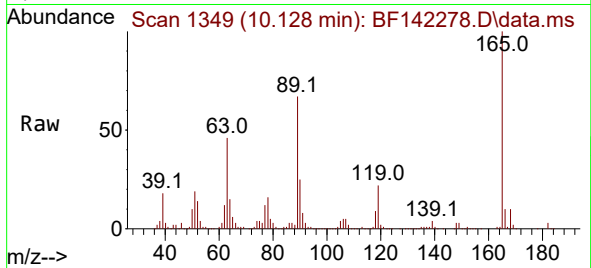
Tgt Ion:139 Resp: 407185
Ion Ratio Lower Upper
139 100
109 64.3 44.9 84.9
65 93.1 74.7 114.7





#57
2,4-Dinitrotoluene
Concen: 53.345 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

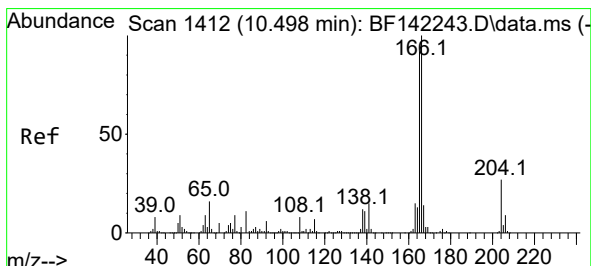
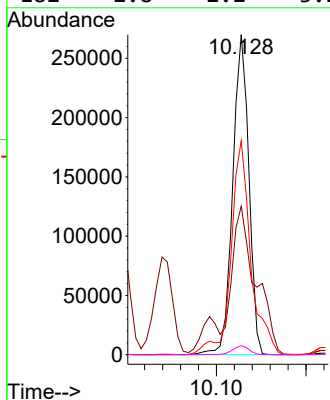
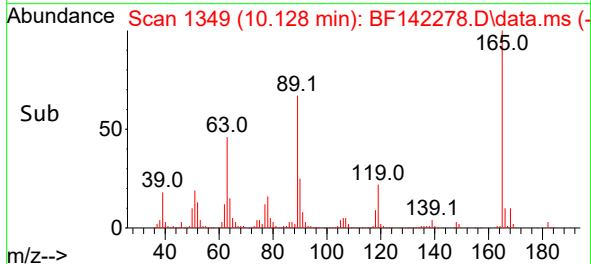
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



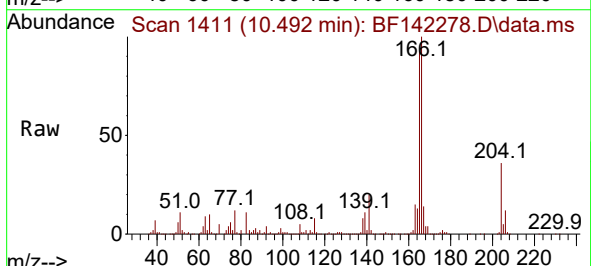
Tgt Ion:165 Resp: 336232
Ion Ratio Lower Upper
165 100
63 46.4 38.8 58.2
89 66.8 57.1 85.7
182 2.8 2.2 3.2

Manual Integrations
APPROVED

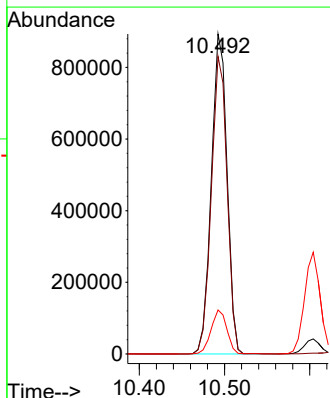
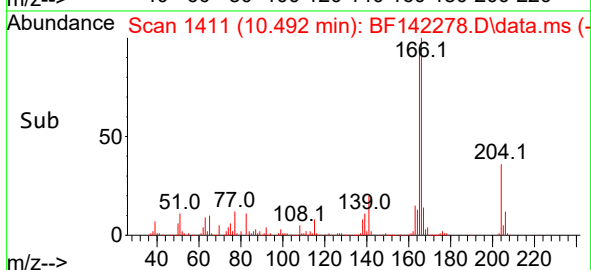
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

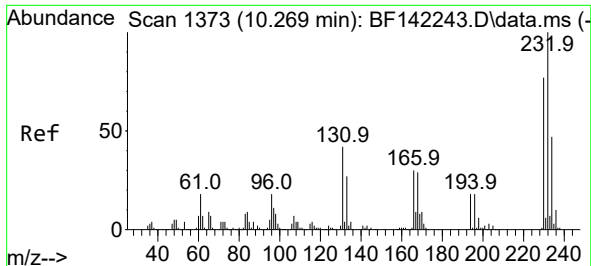


#58
Fluorene
Concen: 42.008 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55



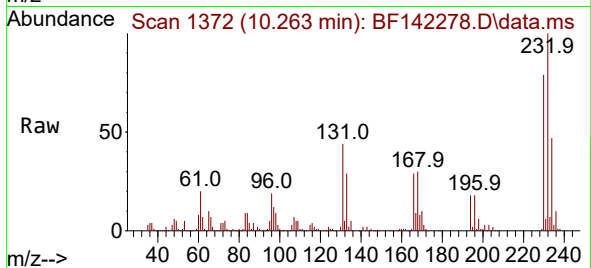
Tgt Ion:166 Resp: 1144424
Ion Ratio Lower Upper
166 100
165 93.0 73.9 110.9
167 13.8 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.678 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

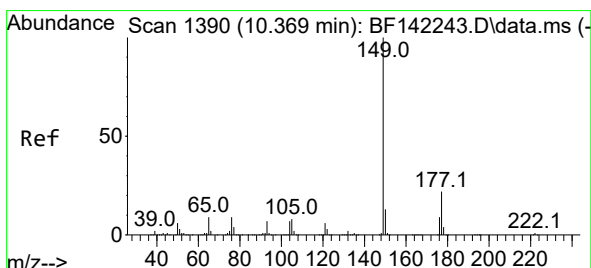
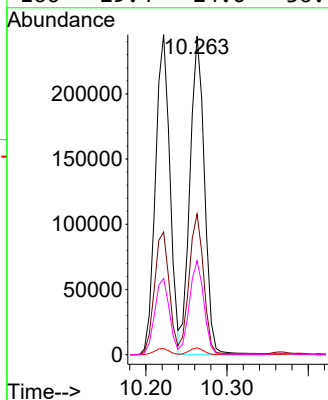
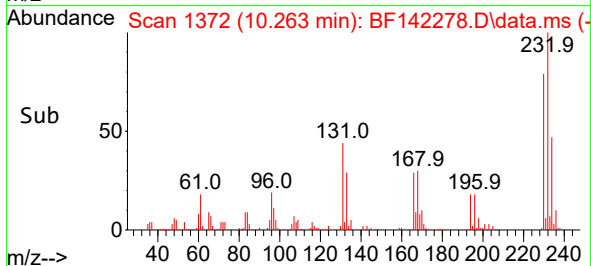
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



Tgt Ion:232 Resp: 303708
Ion Ratio Lower Upper
232 100
131 44.5 35.9 53.9
130 2.1 1.8 2.6
166 29.4 24.0 36.0

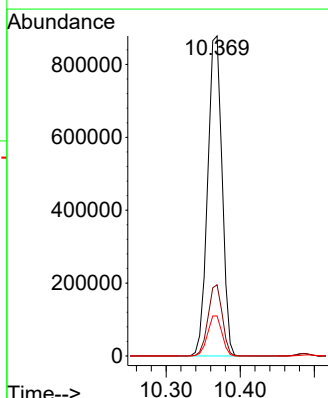
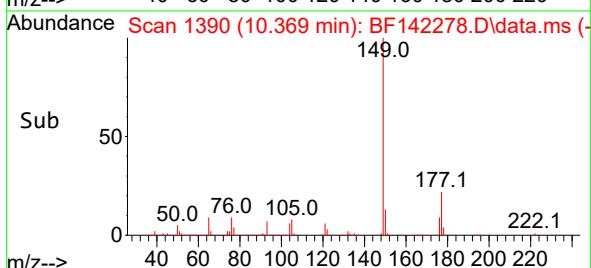
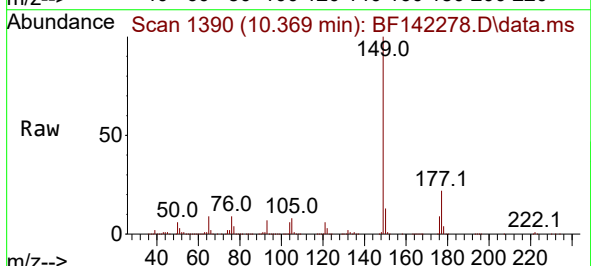
Manual Integrations
APPROVED

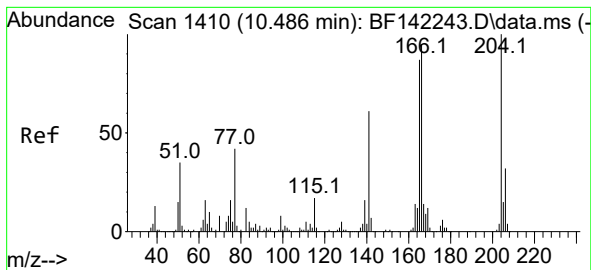
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025



#60
Diethylphthalate
Concen: 44.640 ng
RT: 10.369 min Scan# 1390
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

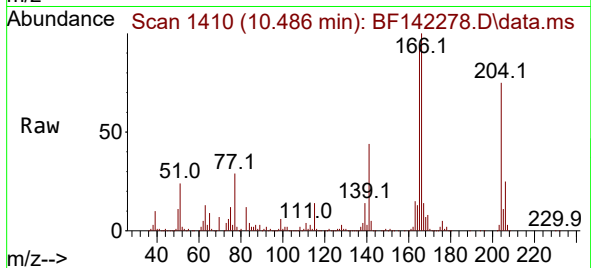
Tgt Ion:149 Resp: 1182771
Ion Ratio Lower Upper
149 100
177 22.3 17.6 26.4
150 12.5 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 42.980 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

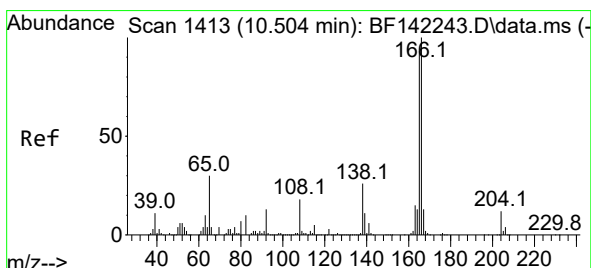
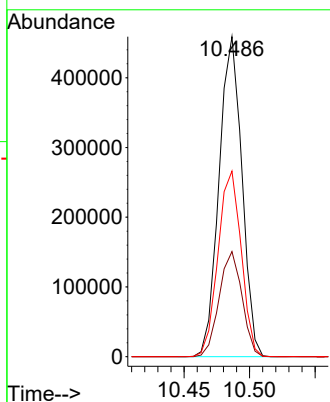
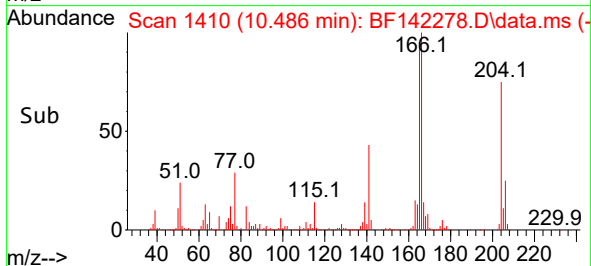
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



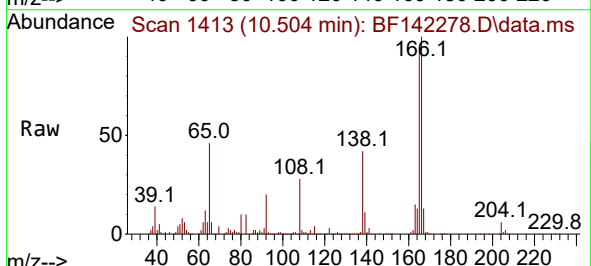
Tgt Ion:204 Resp: 55605
Ion Ratio Lower Upper
204 100
206 32.9 25.6 38.4
141 58.0 48.9 73.3

Manual Integrations
APPROVED

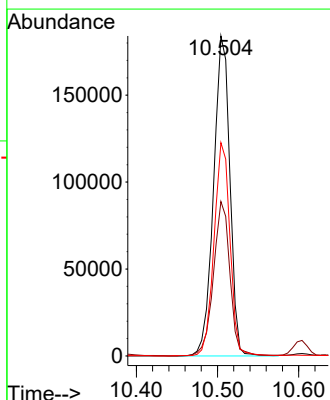
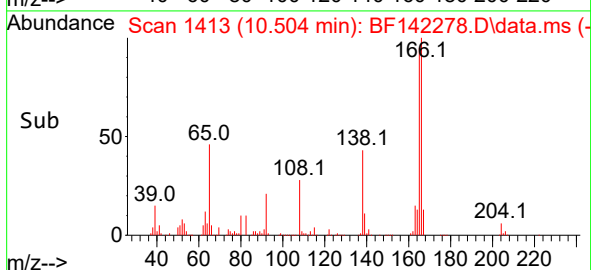
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

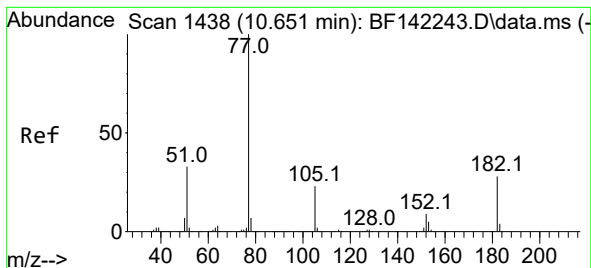


#62
4-Nitroaniline
Concen: 45.444 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55



Tgt Ion:138 Resp: 257712
Ion Ratio Lower Upper
138 100
92 48.3 29.2 69.2
108 66.7 49.1 89.1





#63

Azobenzene

Concen: 42.806 ng

RT: 10.645 min Scan# 1438

Delta R.T. -0.006 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

Tgt Ion: 77 Resp: 1119990

Ion Ratio Lower Upper

77 100

182 27.0 7.3 47.3

105 22.6 2.5 42.5

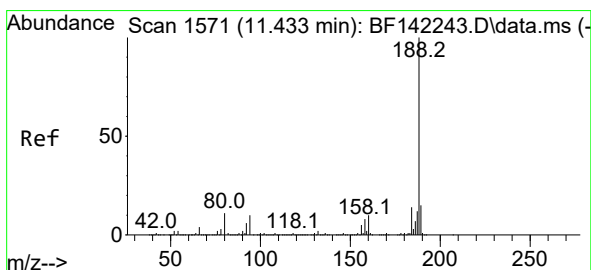
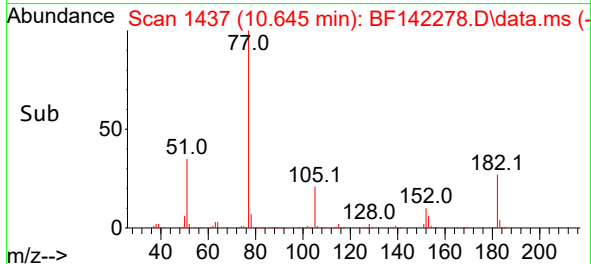
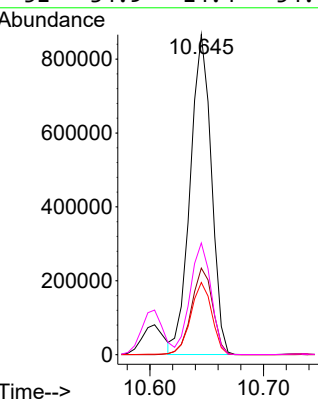
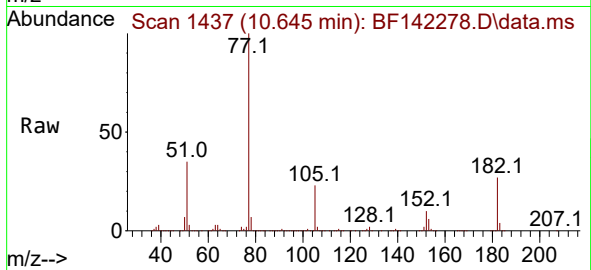
51 34.9 14.4 54.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/05/2025

Supervised By :Jagrut Upadhyay 05/05/2025



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.433 min Scan# 1571

Delta R.T. 0.000 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

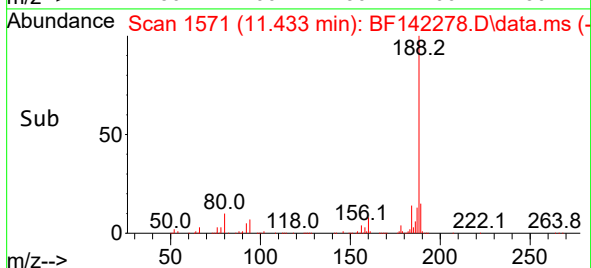
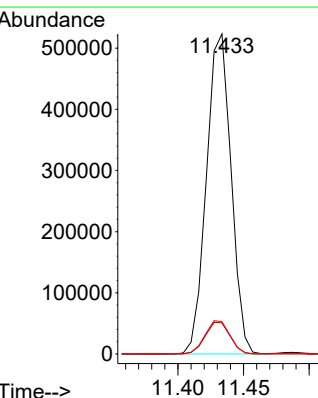
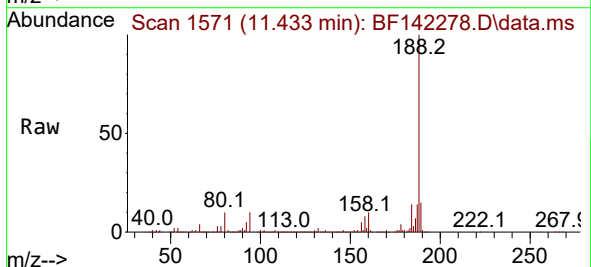
Tgt Ion:188 Resp: 684254

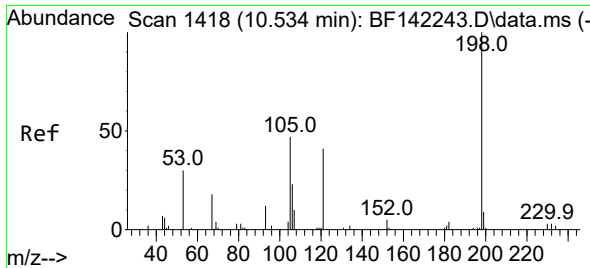
Ion Ratio Lower Upper

188 100

94 9.7 8.2 12.2

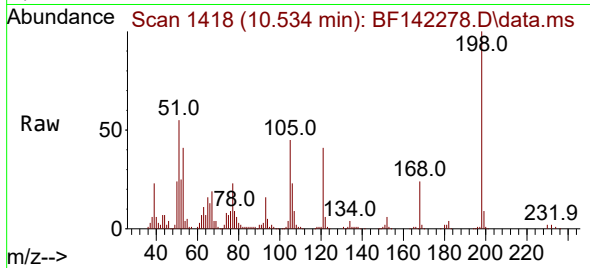
80 10.1 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 53.859 ng
RT: 10.534 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

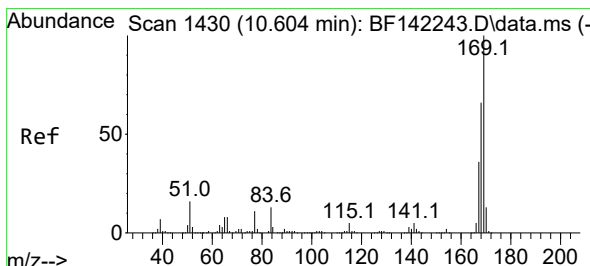
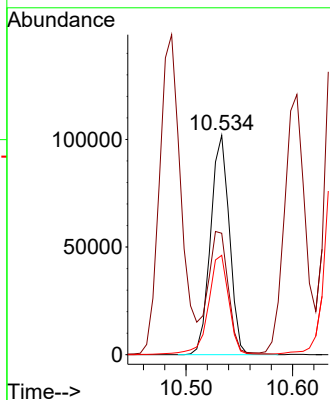
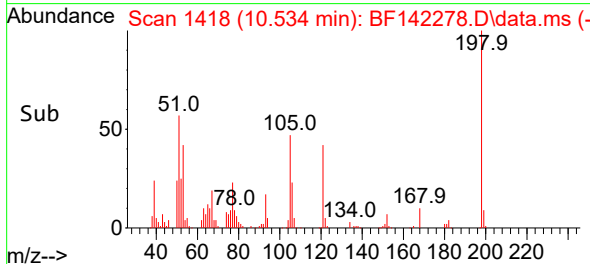
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



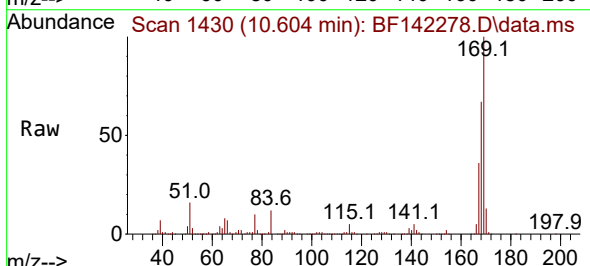
Tgt Ion:198 Resp: 125145
Ion Ratio Lower Upper
198 100
51 55.4 40.6 80.6
105 45.3 29.2 69.2

Manual Integrations
APPROVED

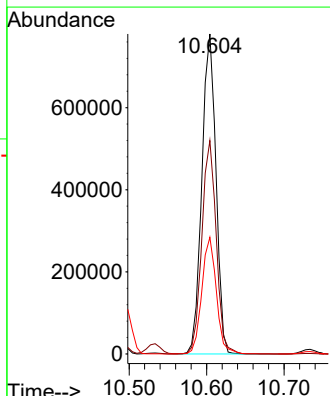
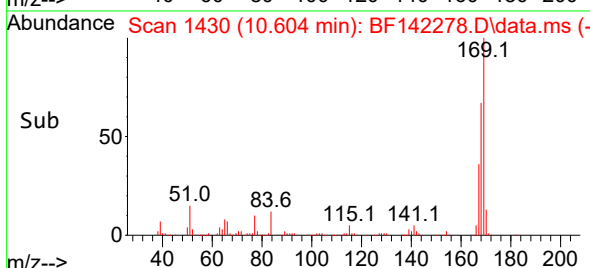
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

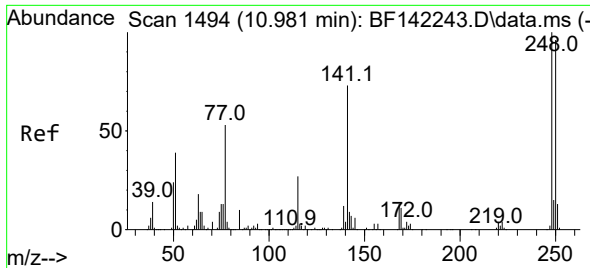


#66
n-Nitrosodiphenylamine
Concen: 42.088 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55



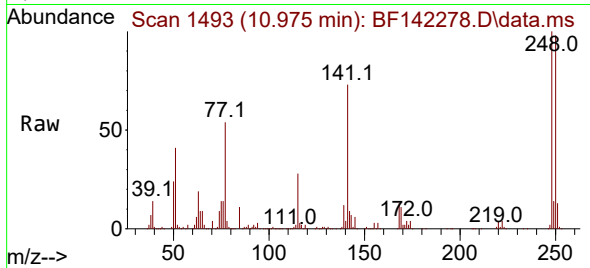
Tgt Ion:169 Resp: 983989
Ion Ratio Lower Upper
169 100
168 66.7 53.0 79.6
167 36.4 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 45.662 ng
RT: 10.975 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

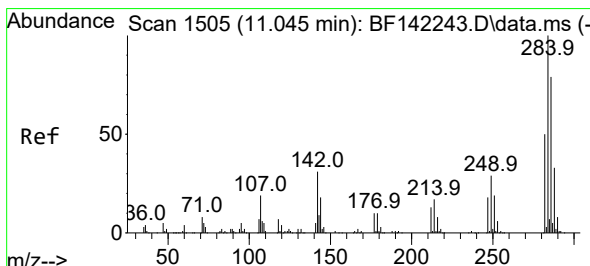
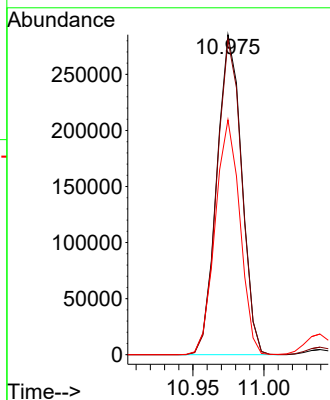
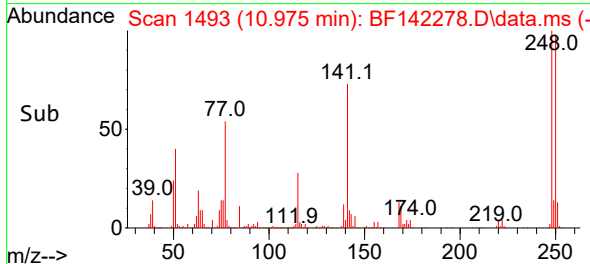
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



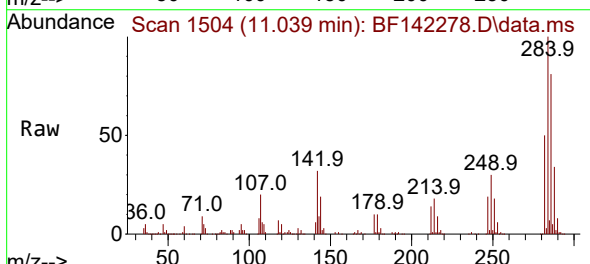
Tgt Ion:248 Resp: 34796
Ion Ratio Lower Upper
248 100
250 98.4 77.2 115.8
141 73.4 58.4 87.6

Manual Integrations
APPROVED

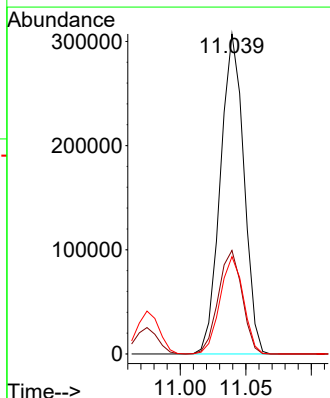
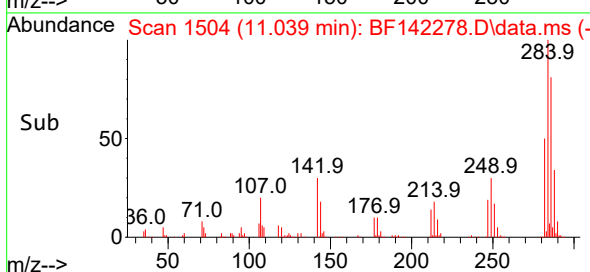
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

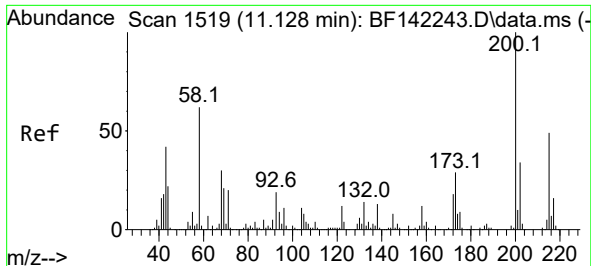


#68
Hexachlorobenzene
Concen: 44.789 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55



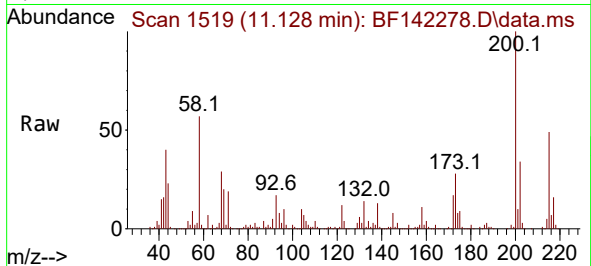
Tgt Ion:284 Resp: 382262
Ion Ratio Lower Upper
284 100
142 32.4 24.6 37.0
249 30.4 23.2 34.8





#69
 Atrazine
 Concen: 50.733 ng
 RT: 11.128 min Scan# 1519
 Delta R.T. 0.000 min
 Lab File: BF142278.D
 Acq: 02 May 2025 12:55

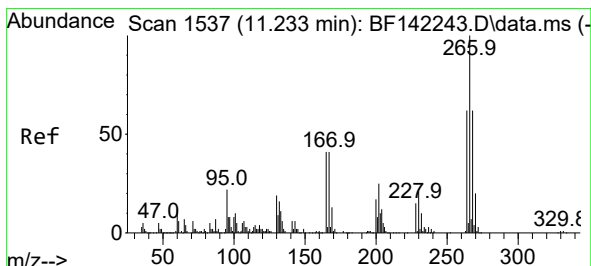
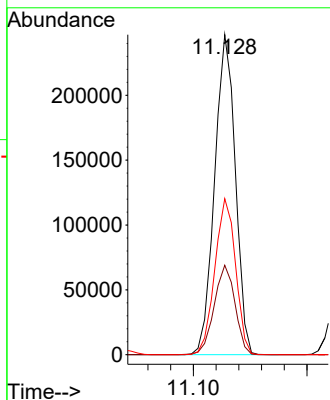
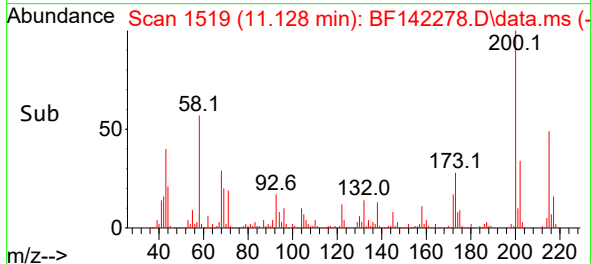
Instrument :
 BNA_F
 ClientSampleId :
 B-167-SB01MSD



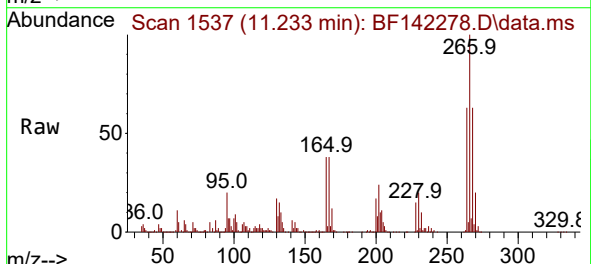
Tgt Ion:200 Resp: 31264
 Ion Ratio Lower Upper
 200 100
 173 28.0 8.6 48.6
 215 48.8 28.5 68.5

Manual Integrations
 APPROVED

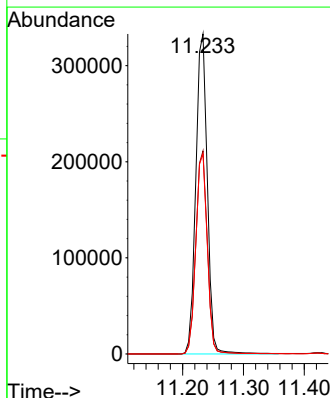
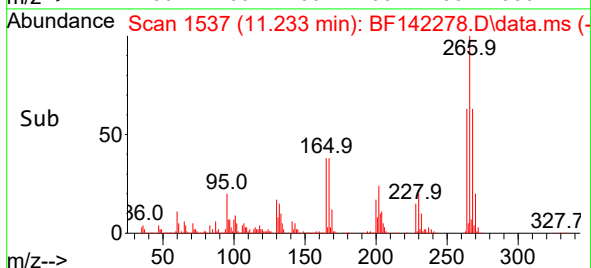
Reviewed By :Rahul Chavli 05/05/2025
 Supervised By :Jagrut Upadhyay 05/05/2025

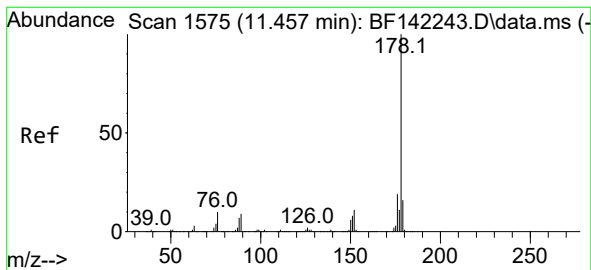


#70
 Pentachlorophenol
 Concen: 96.993 ng
 RT: 11.233 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: BF142278.D
 Acq: 02 May 2025 12:55



Tgt Ion:266 Resp: 437319
 Ion Ratio Lower Upper
 266 100
 268 63.5 50.0 75.0
 264 62.5 49.3 73.9





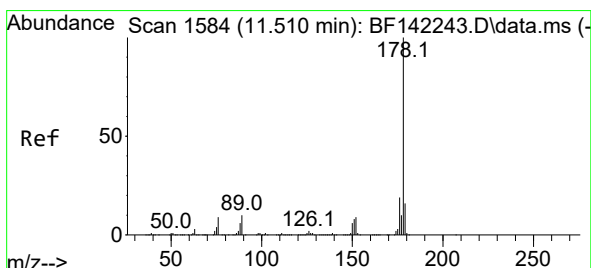
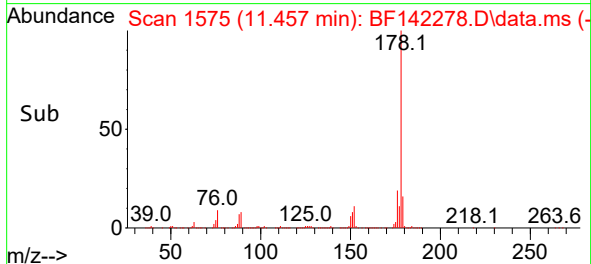
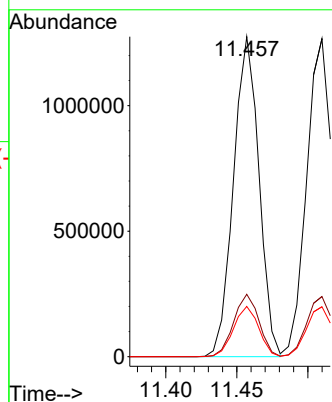
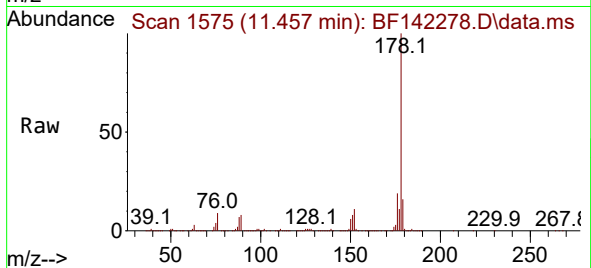
#71
Phenanthrene
Concen: 43.062 ng
RT: 11.457 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

Tgt Ion:178 Resp: 159158
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.7 12.6 19.0

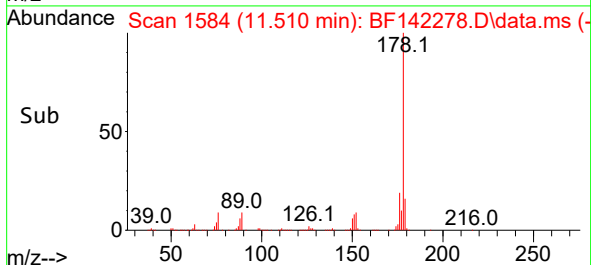
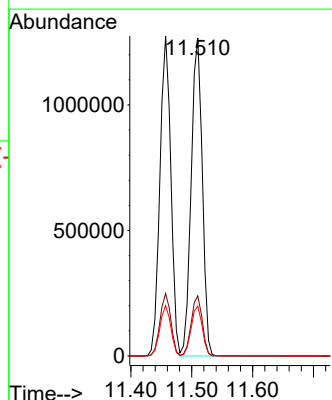
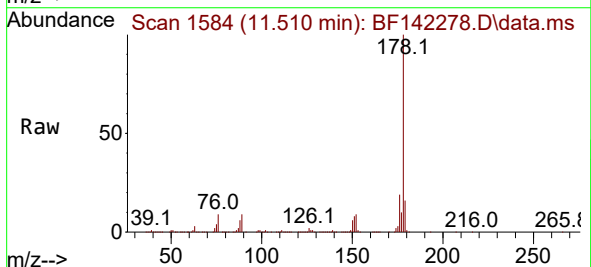
Manual Integrations
APPROVED

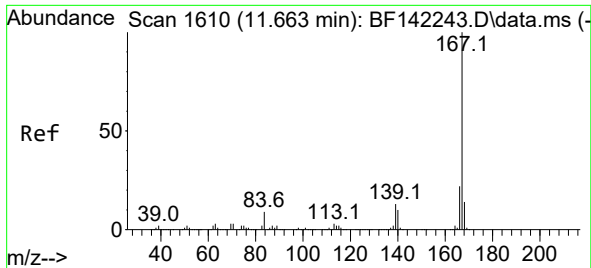
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025



#72
Anthracene
Concen: 42.316 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

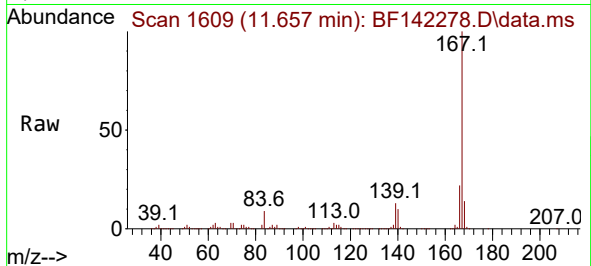
Tgt Ion:178 Resp: 1599092
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.7 12.7 19.1





#73
 Carbazole
 Concen: 42.526 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF142278.D
 Acq: 02 May 2025 12:55

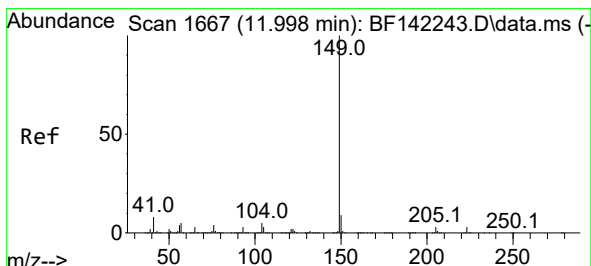
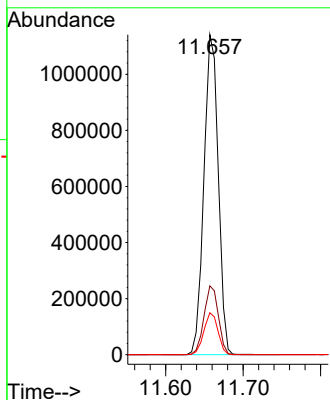
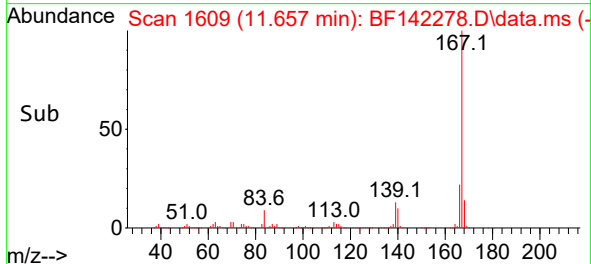
Instrument :
 BNA_F
 ClientSampleId :
 B-167-SB01MSD



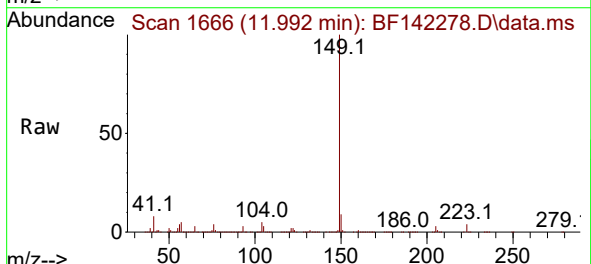
Tgt Ion:167 Resp: 1465970
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.3 25.9
 139 13.1 10.3 15.5

Manual Integrations
 APPROVED

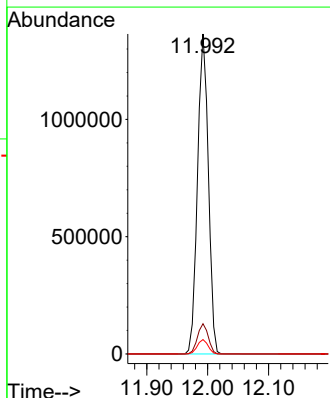
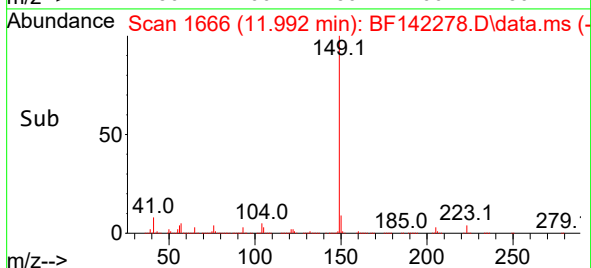
Reviewed By :Rahul Chavli 05/05/2025
 Supervised By :Jagrut Upadhyay 05/05/2025

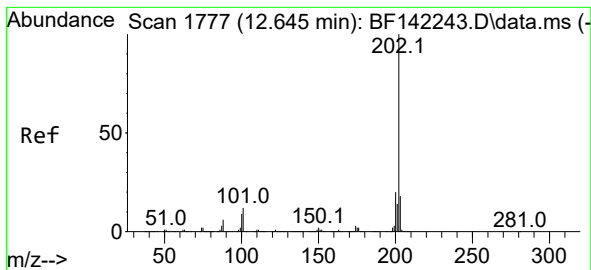


#74
 Di-n-butylphthalate
 Concen: 48.397 ng
 RT: 11.992 min Scan# 1666
 Delta R.T. -0.006 min
 Lab File: BF142278.D
 Acq: 02 May 2025 12:55



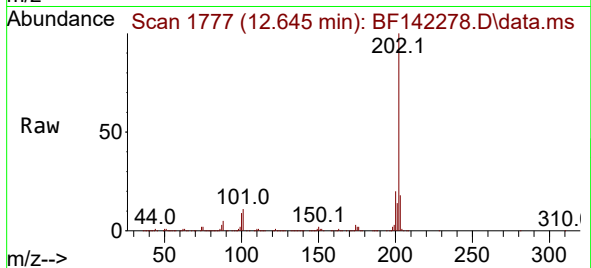
Tgt Ion:149 Resp: 1677931
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 4.5 3.6 5.4





#75
Fluoranthene
Concen: 41.619 ng
RT: 12.645 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

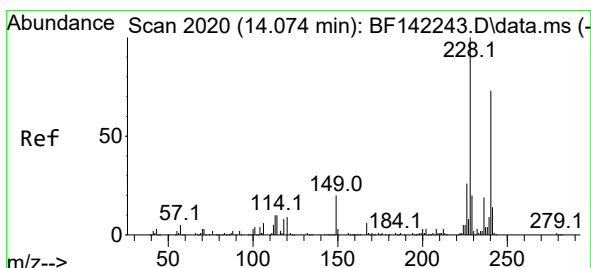
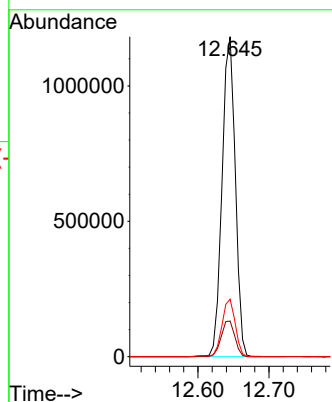
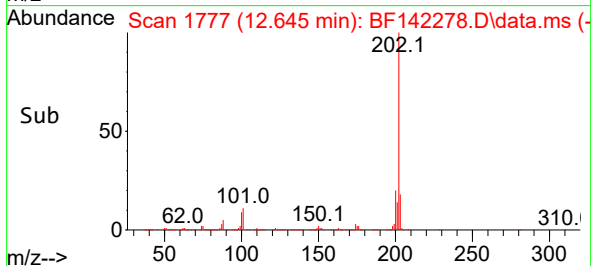
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



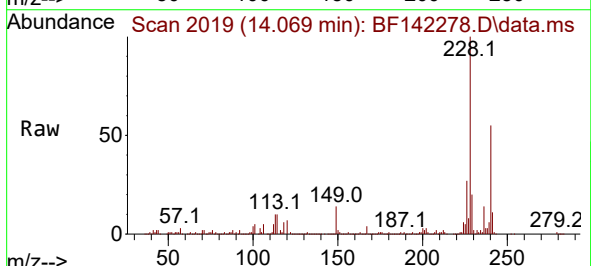
Tgt Ion:202 Resp: 152059
Ion Ratio Lower Upper
202 100
101 11.2 0.0 32.4
203 18.0 0.0 37.5

Manual Integrations
APPROVED

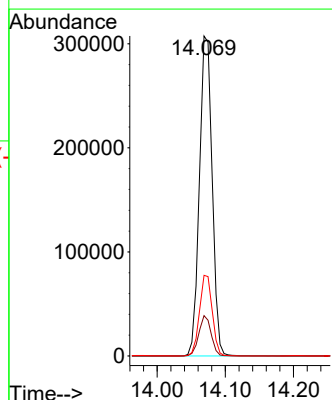
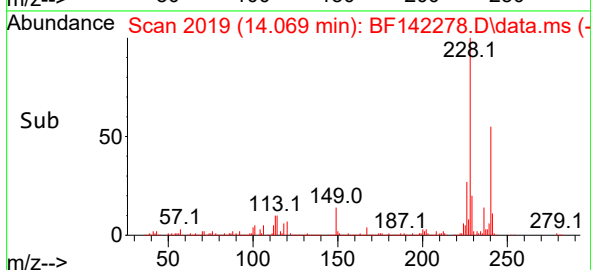
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

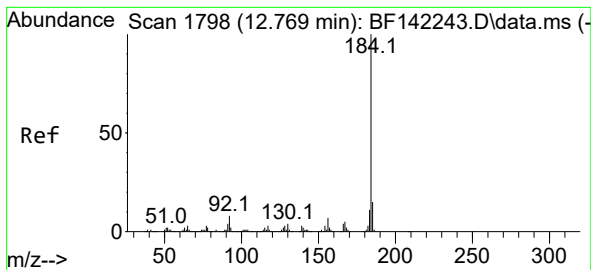


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55



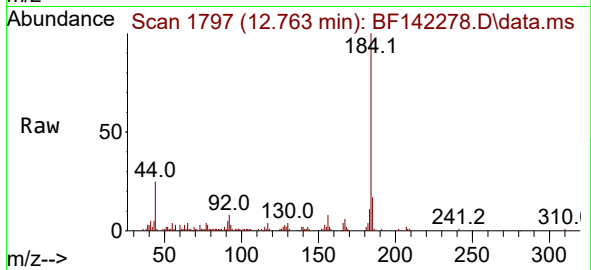
Tgt Ion:240 Resp: 400079
Ion Ratio Lower Upper
240 100
120 12.6 10.1 15.1
236 25.2 20.5 30.7





#77
Benzidine
Concen: 2.641 ng
RT: 12.763 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

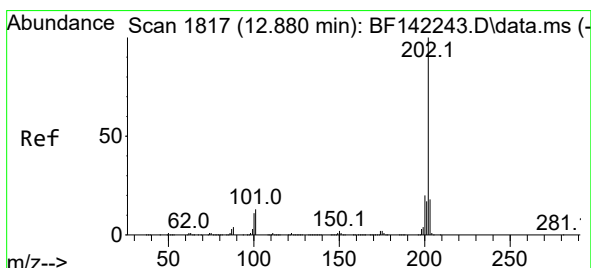
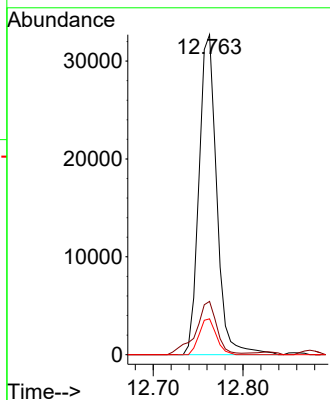
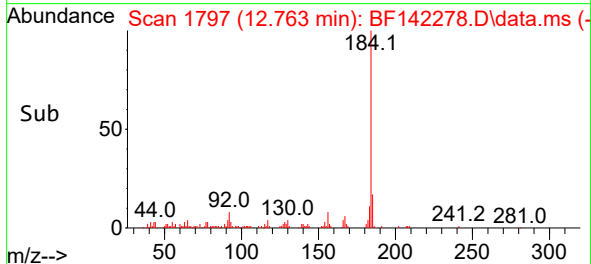
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



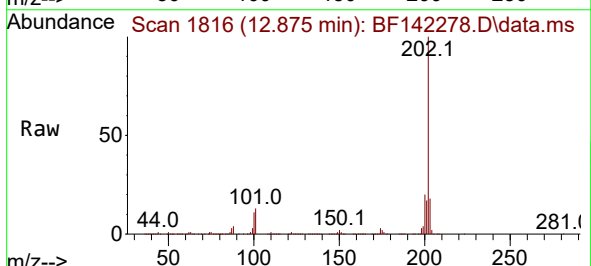
Tgt Ion:184 Resp: 44894
Ion Ratio Lower Upper
184 100
185 16.7 11.8 17.6
183 11.2 8.9 13.3

Manual Integrations
APPROVED

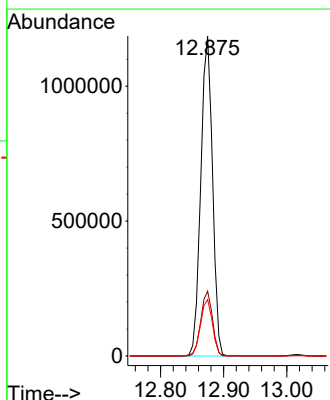
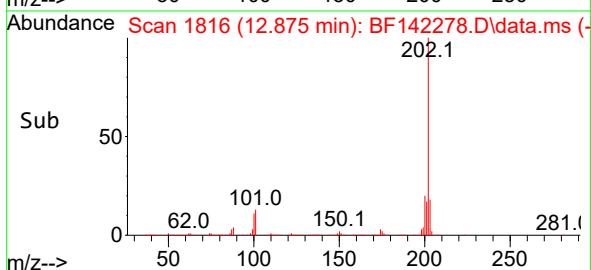
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

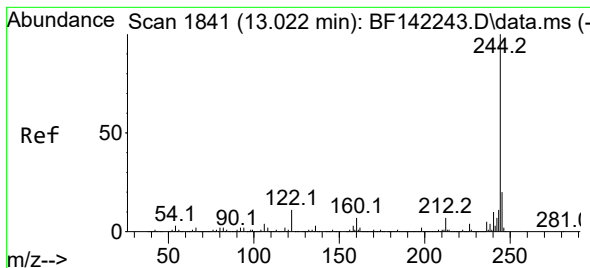


#78
Pyrene
Concen: 41.321 ng
RT: 12.875 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55



Tgt Ion:202 Resp: 1524967
Ion Ratio Lower Upper
202 100
200 20.2 16.1 24.1
203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 72.842 ng

RT: 13.016 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF142278.D

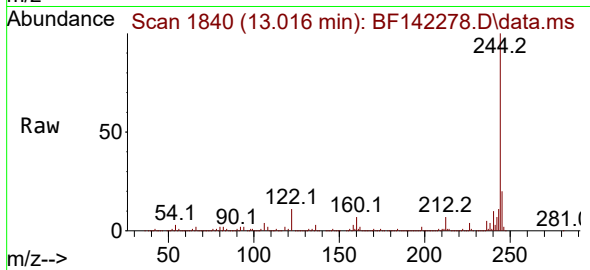
Acq: 02 May 2025 12:55

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD



Tgt Ion:244 Resp: 2003750

Ion Ratio Lower Upper

244 100

212 6.6 5.3 7.9

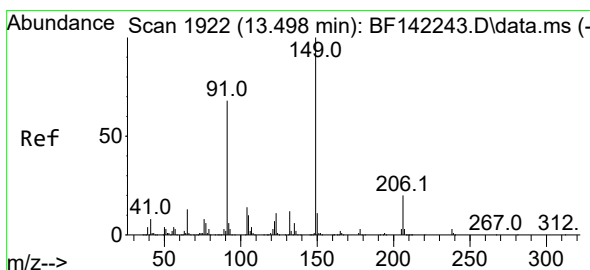
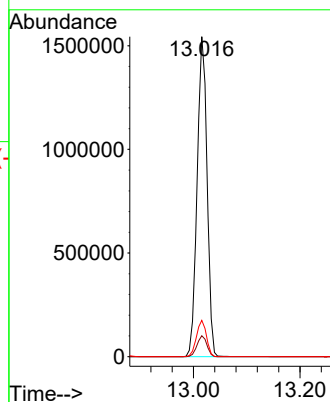
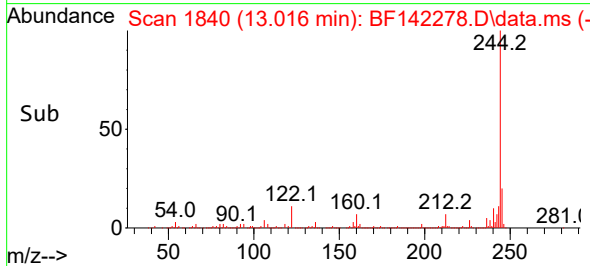
122 11.4 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/05/2025

Supervised By :Jagrut Upadhyay 05/05/2025



#80

Butylbenzylphthalate

Concen: 54.776 ng

RT: 13.492 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

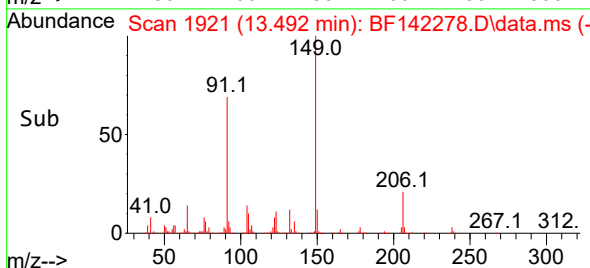
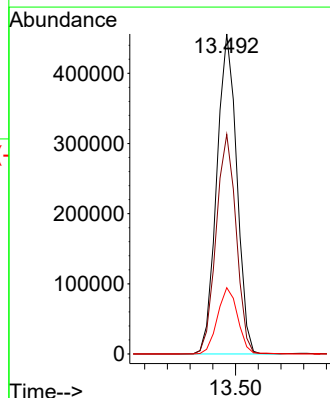
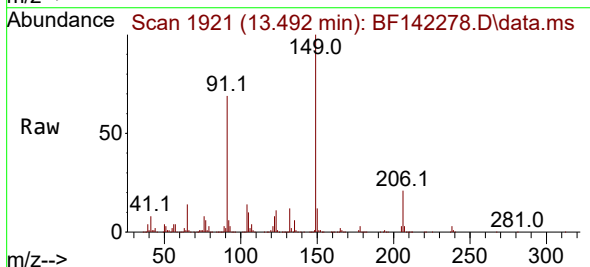
Tgt Ion:149 Resp: 558469

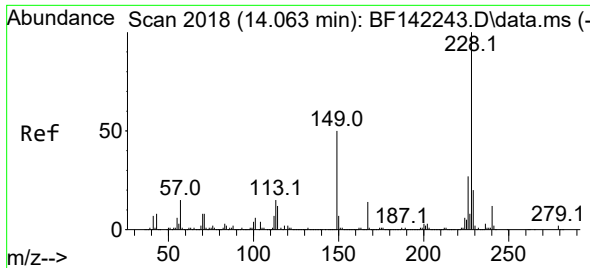
Ion Ratio Lower Upper

149 100

91 68.6 54.4 81.6

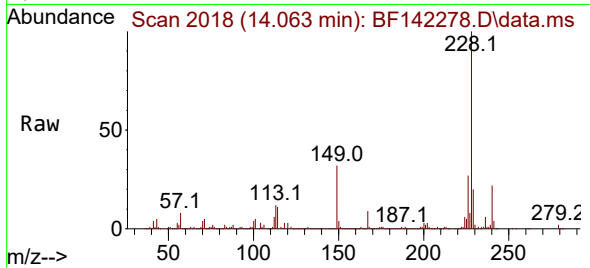
206 20.7 15.9 23.9





#81
Benzo(a)anthracene
Concen: 44.456 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

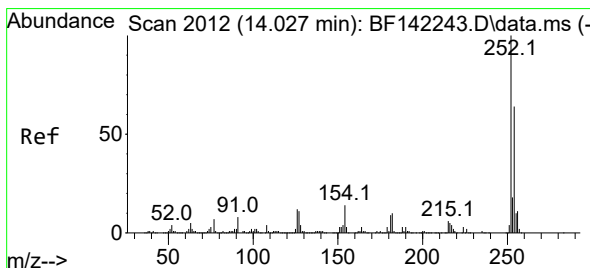
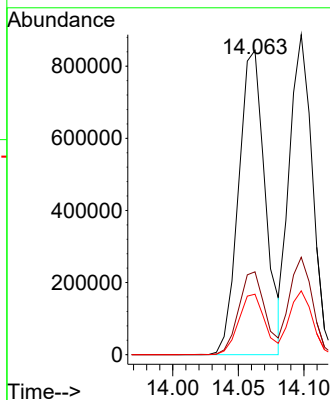
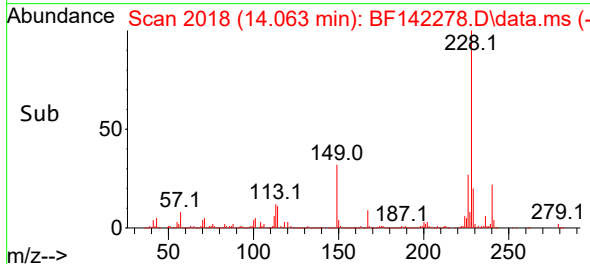
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



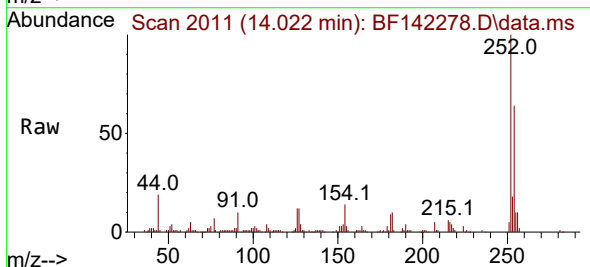
Tgt Ion:228 Resp: 119400
Ion Ratio Lower Upper
228 100
226 27.2 21.9 32.9
229 19.9 16.0 24.0

Manual Integrations
APPROVED

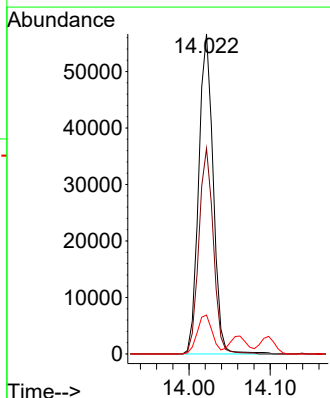
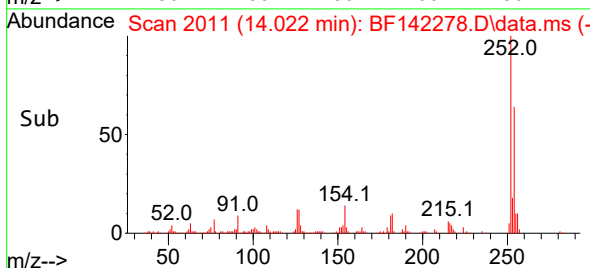
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

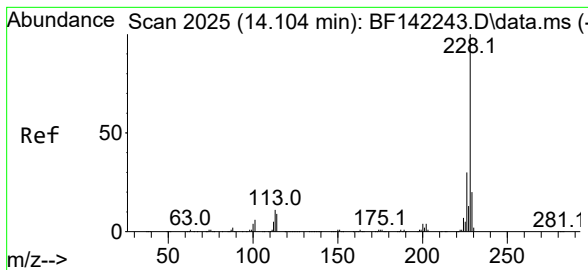


#82
3,3'-Dichlorobenzidine
Concen: 8.904 ng
RT: 14.022 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55



Tgt Ion:252 Resp: 70246
Ion Ratio Lower Upper
252 100
254 64.2 51.0 76.6
126 12.1 9.4 14.2





#83

Chrysene

Concen: 44.049 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

Tgt Ion:228 Resp: 107691

Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

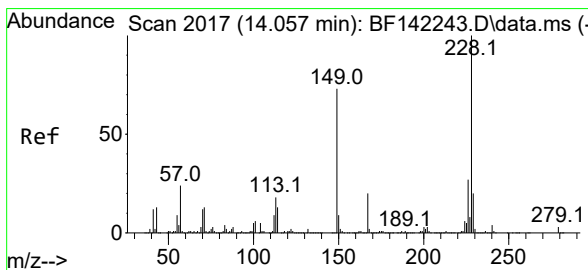
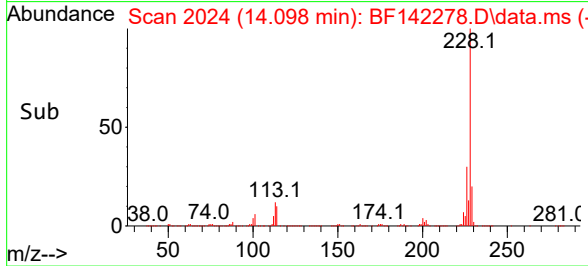
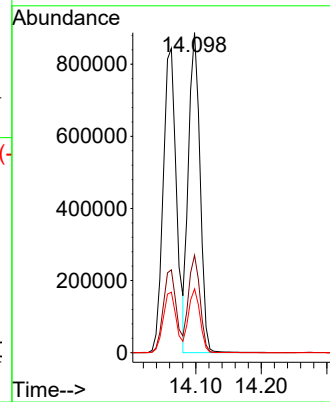
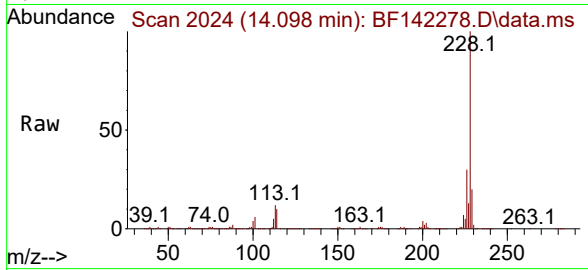
229 20.0 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/05/2025

Supervised By :Jagrut Upadhyay 05/05/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.410 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

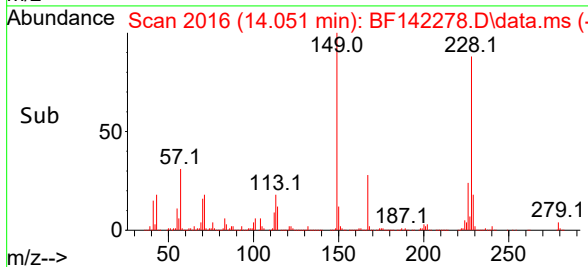
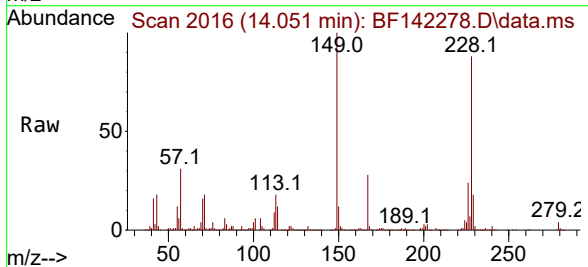
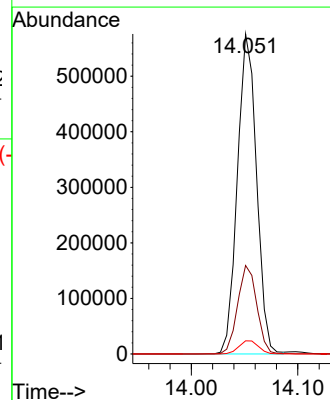
Tgt Ion:149 Resp: 722253

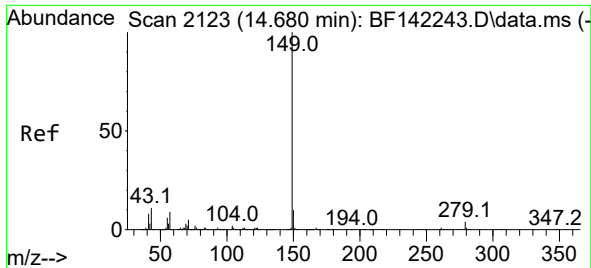
Ion Ratio Lower Upper

149 100

167 27.6 21.7 32.5

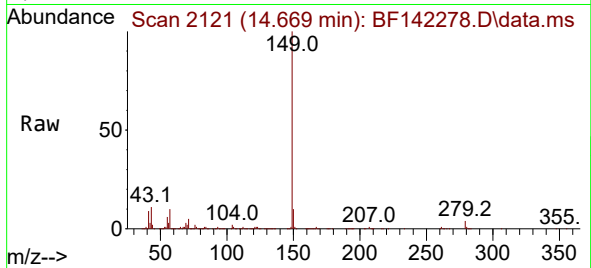
279 4.1 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 45.494 ng
RT: 14.669 min Scan# 2121
Delta R.T. -0.011 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

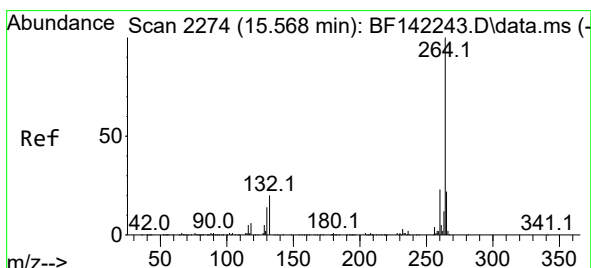
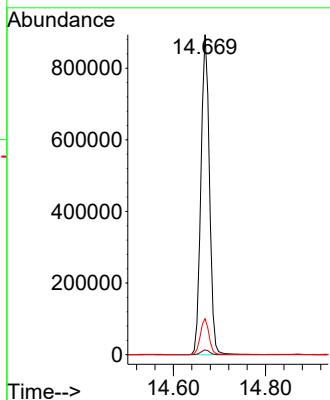
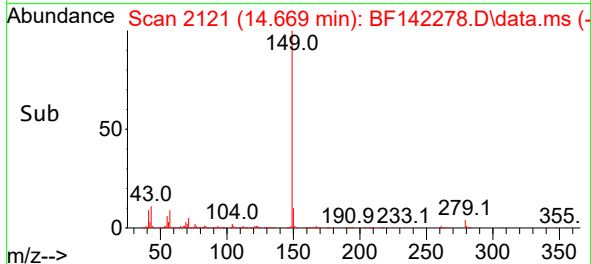
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



Tgt Ion:149 Resp: 1156300
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 11.3 9.3 13.9

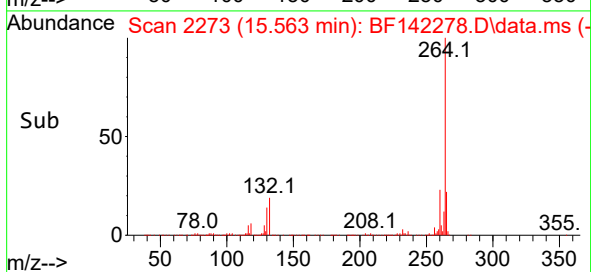
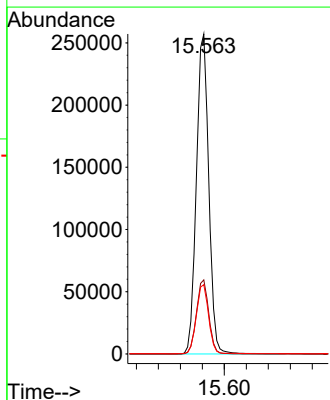
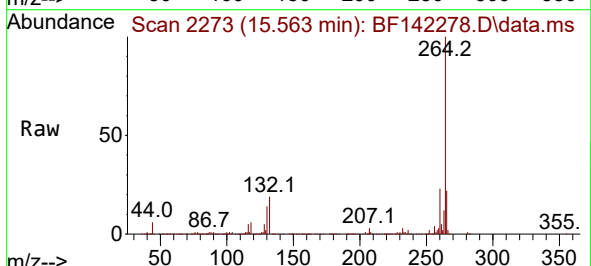
Manual Integrations
APPROVED

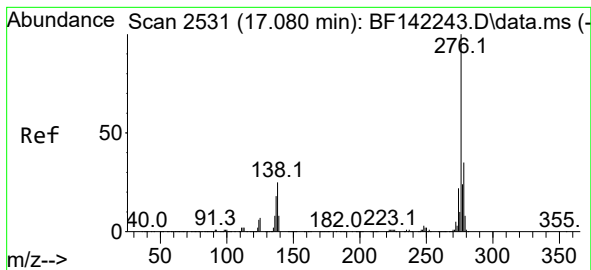
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

Tgt Ion:264 Resp: 401381
Ion Ratio Lower Upper
264 100
260 23.1 18.4 27.6
265 21.7 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.464 ng

RT: 17.068 min Scan# 21904

Delta R.T. -0.012 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

Tgt Ion:276 Resp: 121904

Ion Ratio Lower Upper

276 100

138 27.9 22.6 33.8

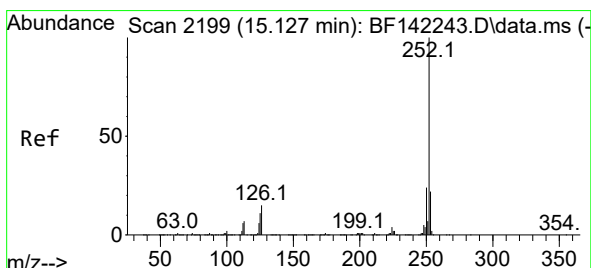
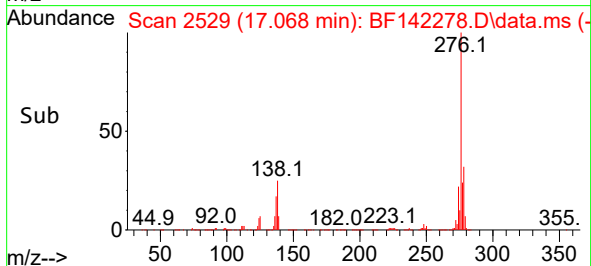
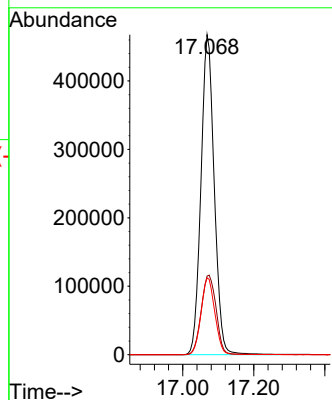
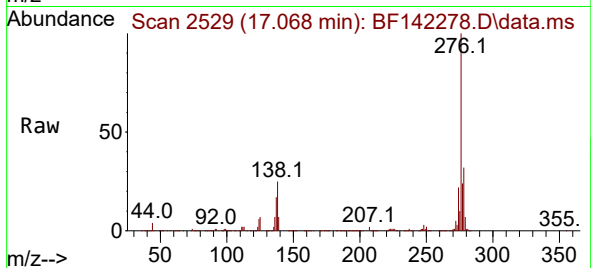
277 25.0 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/05/2025

Supervised By :Jagrut Upadhyay 05/05/2025



#88

Benzo(b)fluoranthene

Concen: 46.856 ng

RT: 15.121 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

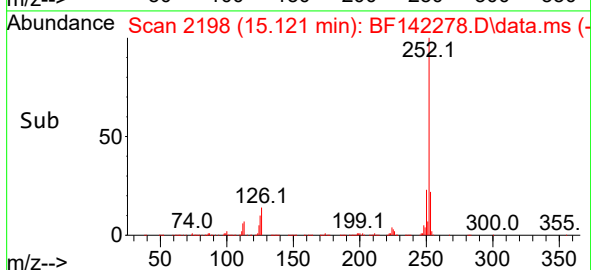
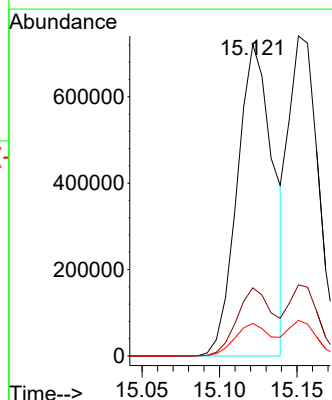
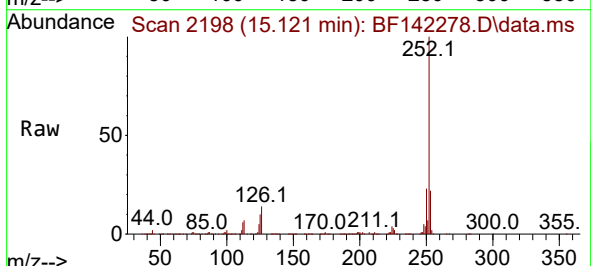
Tgt Ion:252 Resp: 1168207

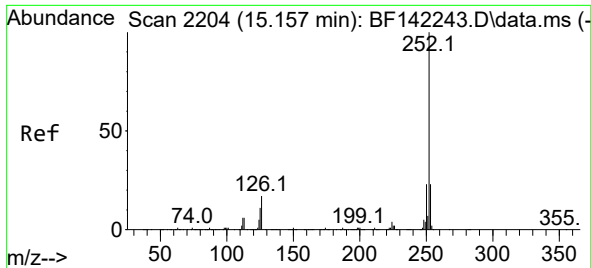
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

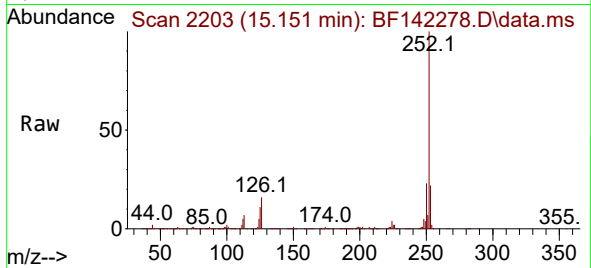
125 10.5 9.0 13.4





#89
Benzo(k)fluoranthene
Concen: 43.322 ng
RT: 15.151 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

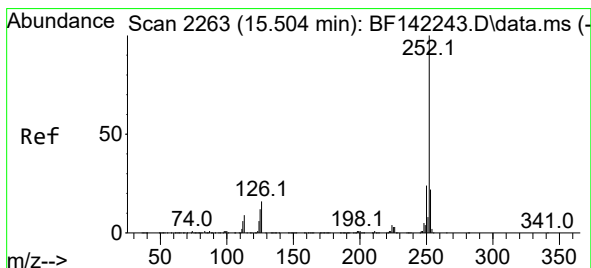
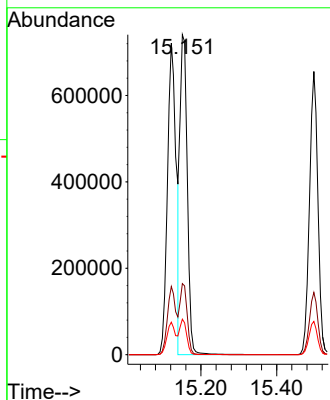
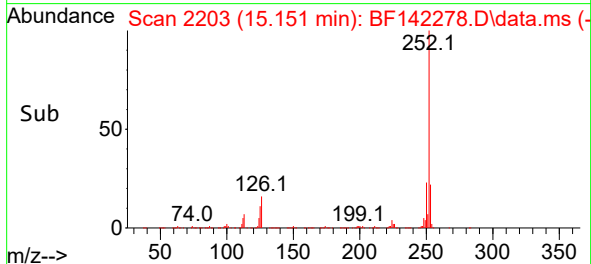
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



Tgt Ion:252 Resp: 987950
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 11.1 9.0 13.6

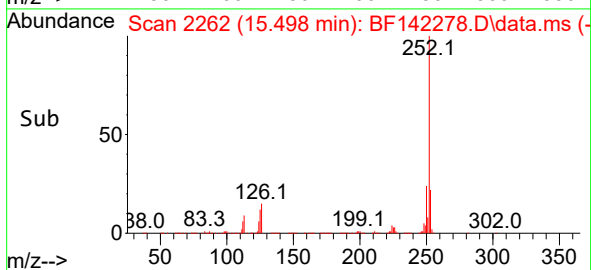
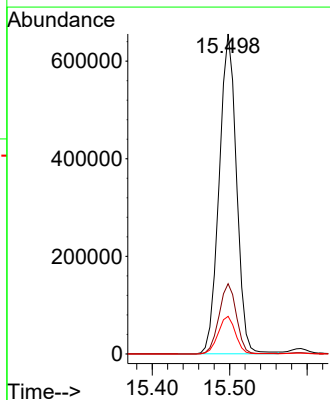
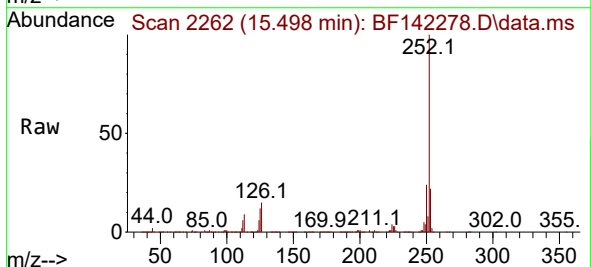
Manual Integrations
APPROVED

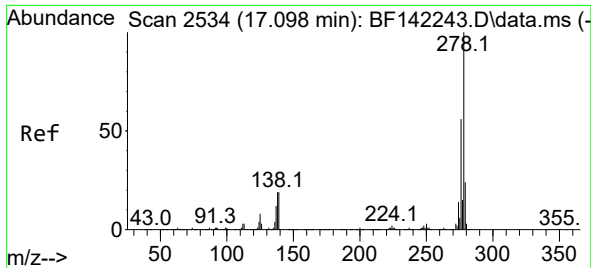
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025



#90
Benzo(a)pyrene
Concen: 44.850 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.006 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

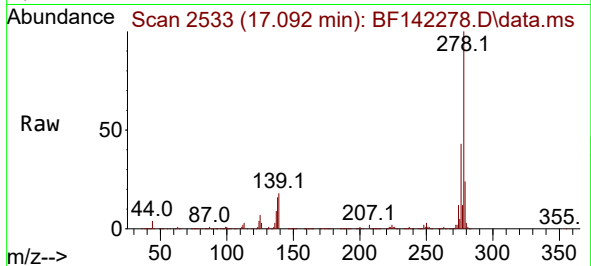
Tgt Ion:252 Resp: 1023759
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 11.7 9.5 14.3





#91
Dibenzo(a,h)anthracene
Concen: 41.441 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

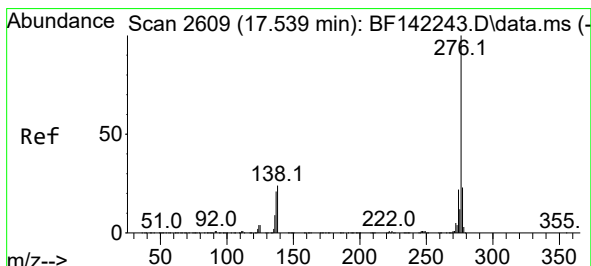
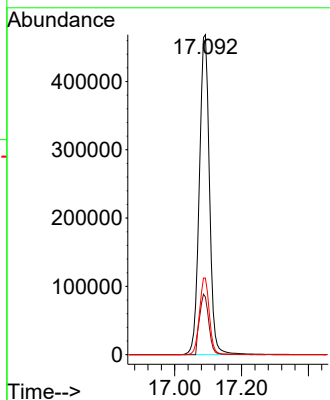
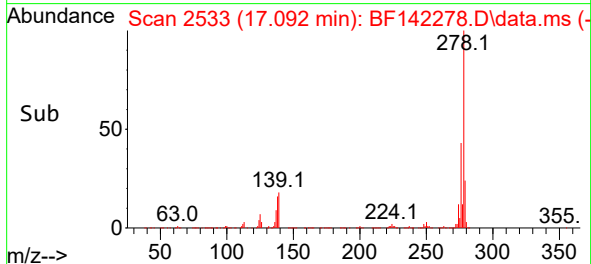
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



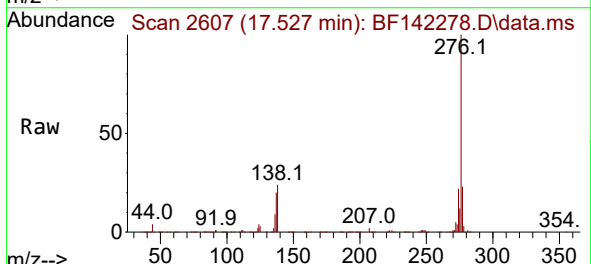
Tgt Ion:278 Resp: 98882
Ion Ratio Lower Upper
278 100
139 18.0 15.2 22.8
279 24.0 19.0 28.6

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 40.775 ng
RT: 17.527 min Scan# 2607
Delta R.T. -0.012 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55



Tgt Ion:276 Resp: 978093
Ion Ratio Lower Upper
276 100
277 23.0 18.7 28.1
138 23.9 19.4 29.0

