

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
 Data File : BF143227.D
 Acq On : 24 Jul 2025 11:57
 Operator : RC/JU
 Sample : PB168983BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168983BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/25/2025
 Supervised By :Jagrut Upadhyay 07/25/2025

Quant Time: Jul 24 12:43:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	118928	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	454070	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	233308	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	382635	20.000	ng	0.00
76) Chrysene-d12	14.121	240	235441	20.000	ng	0.00
86) Perylene-d12	15.621	264	270750	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	829255	110.341	ng	0.02
7) Phenol-d6	6.593	99	1039628	109.903	ng	0.00
23) Nitrobenzene-d5	7.522	82	705891	77.492	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	289067	119.935	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1306148	76.565	ng	0.00
79) Terphenyl-d14	13.063	244	1187870	75.079	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.887	88	123030	34.597	ng	98
3) Pyridine	3.640	79	343132	37.176	ng	98
4) n-Nitrosodimethylamine	3.587	42	200760	42.128	ng	98
6) Aniline	6.622	93	388627	29.478	ng	96
8) 2-Chlorophenol	6.751	128	339459	43.091	ng	97
9) Benzaldehyde	6.510	77	223491	31.508	ng	99
10) Phenol	6.604	94	436467	42.354	ng	94
11) bis(2-Chloroethyl)ether	6.693	93	328948	41.690	ng	99
12) 1,3-Dichlorobenzene	6.904	146	363863	42.519	ng	99
13) 1,4-Dichlorobenzene	6.981	146	370897	43.037	ng	99
14) 1,2-Dichlorobenzene	7.134	146	358905	43.786	ng	98
15) Benzyl Alcohol	7.098	79	315360	43.662	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	608431	41.569	ng	99
17) 2-Methylphenol	7.210	107	286341	43.230	ng	98
18) Hexachloroethane	7.475	117	132586	44.441	ng	98
19) n-Nitroso-di-n-propyla...	7.369	70	253111	41.706	ng	100
20) 3+4-Methylphenols	7.357	107	340436	42.362	ng	# 85
22) Acetophenone	7.363	105	462863	43.056	ng	95
24) Nitrobenzene	7.540	77	380553	44.810	ng	99
25) Isophorone	7.775	82	694391	43.181	ng	100
26) 2-Nitrophenol	7.857	139	185650	50.369	ng	98
27) 2,4-Dimethylphenol	7.892	122	319797	42.565	ng	100
28) bis(2-Chloroethoxy)met...	7.987	93	409567	42.479	ng	98
29) 2,4-Dichlorophenol	8.098	162	278875	44.014	ng	99
30) 1,2,4-Trichlorobenzene	8.181	180	303327	44.313	ng	99
31) Naphthalene	8.263	128	979294	43.792	ng	100
32) Benzoic acid	7.998	122	210526	49.556	ng	99
33) 4-Chloroaniline	8.304	127	101760	11.144	ng	99
34) Hexachlorobutadiene	8.387	225	190144	45.473	ng	99
35) Caprolactam	8.669	113	93209m	48.682	ng	
36) 4-Chloro-3-methylphenol	8.787	107	308262	44.762	ng	100
37) 2-Methylnaphthalene	8.957	142	597076	43.877	ng	100
38) 1-Methylnaphthalene	9.057	142	620464	44.279	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	296491	44.017	ng	98
41) Hexachlorocyclopentadiene	9.116	237	407999	93.090	ng	100
43) 2,4,6-Trichlorophenol	9.234	196	207510	44.513	ng	99

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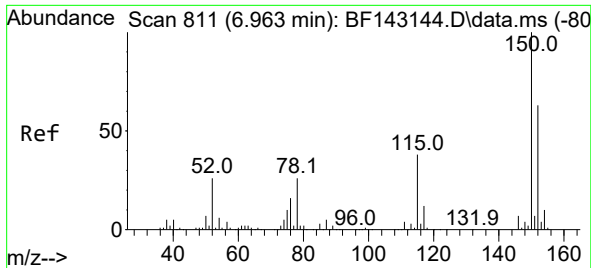
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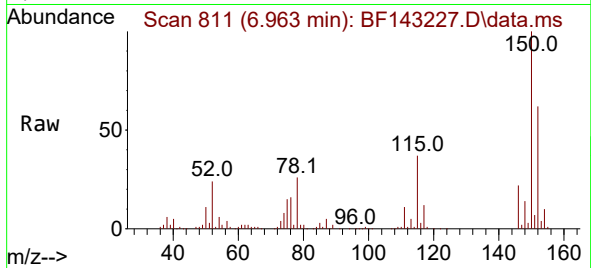
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	214331	45.962	ng	98
46) 1,1'-Biphenyl	9.416	154	816107	44.835	ng	99
47) 2-Chloronaphthalene	9.445	162	596622	44.297	ng	99
48) 2-Nitroaniline	9.534	65	199467	47.225	ng	98
49) Acenaphthylene	9.863	152	1006432	44.589	ng	100
50) Dimethylphthalate	9.716	163	696812	45.820	ng	99
51) 2,6-Dinitrotoluene	9.775	165	151768	49.057	ng	98
52) Acenaphthene	10.033	154	640438	48.006	ng	99
53) 3-Nitroaniline	9.939	138	91490	25.283	ng	97
54) 2,4-Dinitrophenol	10.045	184	155357	108.235	ng #	1
55) Dibenzofuran	10.204	168	870479	43.949	ng	99
56) 4-Nitrophenol	10.098	139	255673	94.619	ng	100
57) 2,4-Dinitrotoluene	10.181	165	204486	52.684	ng	94
58) Fluorene	10.545	166	656116	44.137	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	167088	43.256	ng	100
60) Diethylphthalate	10.416	149	702025	46.704	ng	99
61) 4-Chlorophenyl-phenyle...	10.539	204	334920	45.247	ng	99
62) 4-Nitroaniline	10.557	138	149287	48.137	ng	99
63) Azobenzene	10.698	77	690470	44.074	ng	99
65) 4,6-Dinitro-2-methylph...	10.586	198	104899	51.811	ng	98
66) n-Nitrosodiphenylamine	10.651	169	592170	43.950	ng	100
67) 4-Bromophenyl-phenylether	11.028	248	203371	44.599	ng	99
68) Hexachlorobenzene	11.098	284	214202	44.942	ng	99
69) Atrazine	11.175	200	184737	49.733	ng	99
70) Pentachlorophenol	11.286	266	183509	65.471	ng	99
71) Phenanthrene	11.510	178	912890	44.933	ng	100
72) Anthracene	11.563	178	924957	44.639	ng	100
73) Carbazole	11.710	167	820057	45.324	ng	99
74) Di-n-butylphthalate	12.039	149	1004485	49.065	ng	100
75) Fluoranthene	12.698	202	890477	47.752	ng	99
77) Benzidine	12.810	184	357835	39.449	ng	99
78) Pyrene	12.927	202	877671	43.679	ng	99
80) Butylbenzylphthalate	13.539	149	349214	56.755	ng	98
81) Benzo(a)anthracene	14.110	228	712109	45.177	ng	100
82) 3,3'-Dichlorobenzidine	14.069	252	110645	21.061	ng	100
83) Chrysene	14.151	228	672510	47.453	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	480670	51.612	ng	98
85) Di-n-octyl phthalate	14.710	149	836921	49.577	ng	99
87) Indeno(1,2,3-cd)pyrene	17.168	276	887527	46.488	ng	98
88) Benzo(b)fluoranthene	15.180	252	800706	48.409	ng	99
89) Benzo(k)fluoranthene	15.210	252	643075	43.569	ng	100
90) Benzo(a)pyrene	15.563	252	716707	47.030	ng	99
91) Dibenzo(a,h)anthracene	17.186	278	714891	46.006	ng	99
92) Benzo(g,h,i)perylene	17.633	276	711130	47.309	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF143227.D
 Acq: 24 Jul 2025 11:57

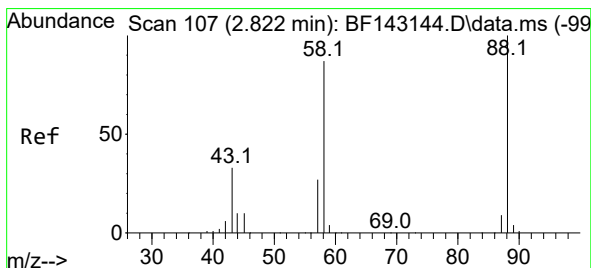
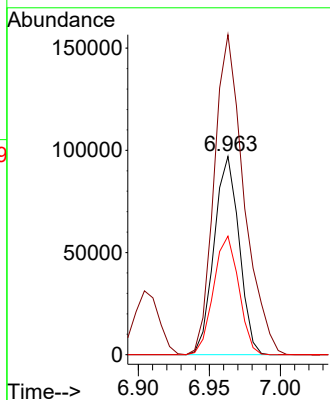
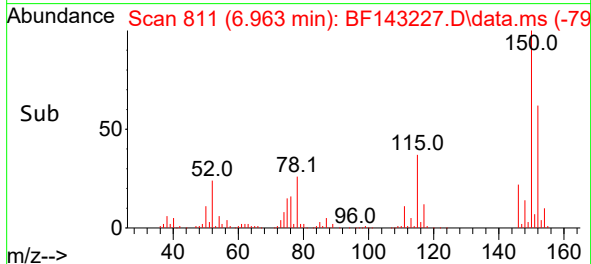
Instrument :
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 PB168983BS



Tgt Ion: 152 Resp: 118928
 Ion Ratio Lower Upper
 152 100
 150 161.4 128.2 192.4
 115 59.8 47.9 71.9

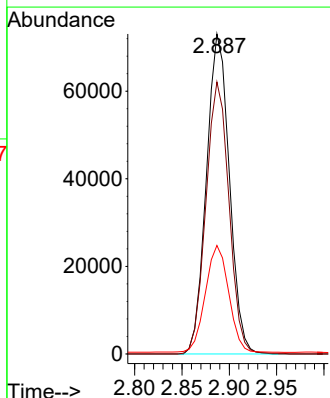
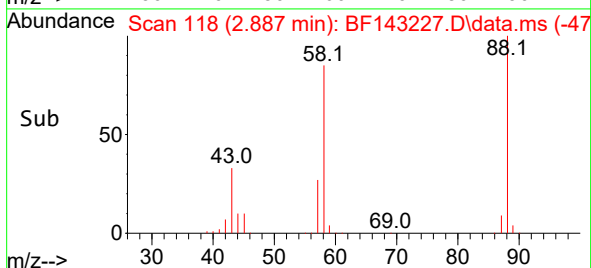
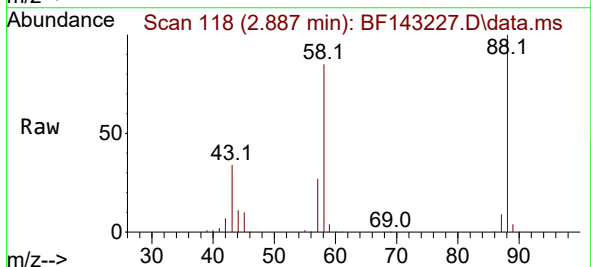
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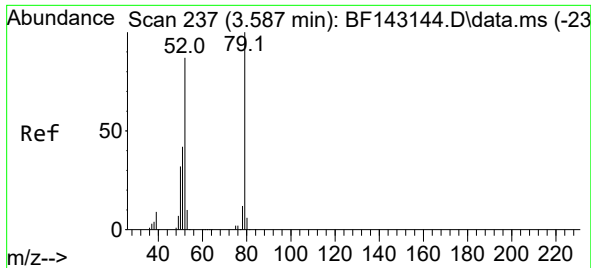
Reviewed By :Rahul Chavli 07/25/2025
 Supervised By :Jagrut Upadhyay 07/25/2025



#2
 1,4-Dioxane
 Concen: 34.597 ng
 RT: 2.887 min Scan# 118
 Delta R.T. 0.065 min
 Lab File: BF143227.D
 Acq: 24 Jul 2025 11:57

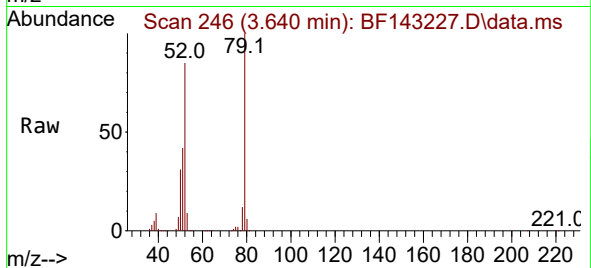
Tgt Ion: 88 Resp: 123030
 Ion Ratio Lower Upper
 88 100
 58 85.5 70.2 105.2
 43 34.1 27.1 40.7





#3
Pyridine
Concen: 37.176 ng
RT: 3.640 min Scan# 246
Delta R.T. 0.053 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

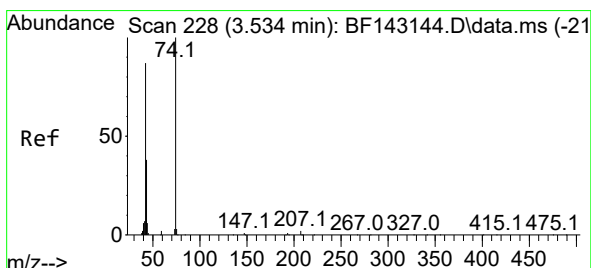
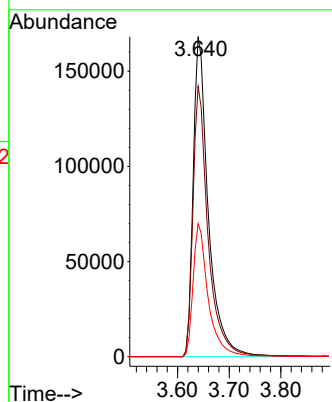
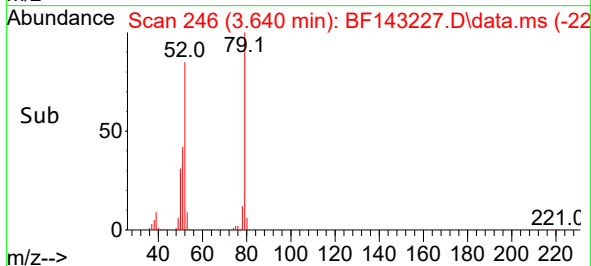
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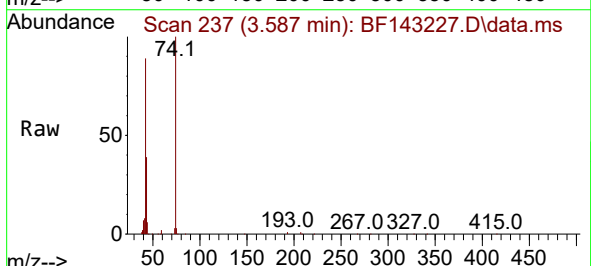
Tgt Ion: 79 Resp: 34313
Ion Ratio Lower Upper
79 100
52 84.5 69.4 104.2
51 41.5 33.5 50.3

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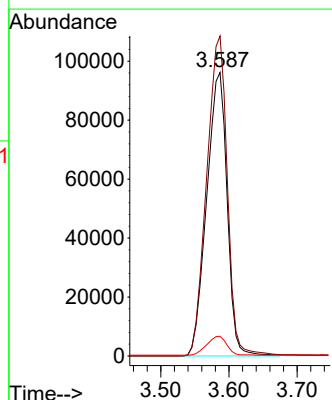
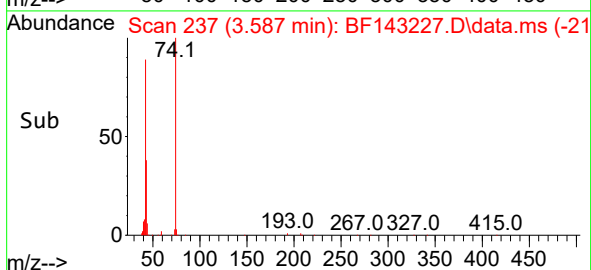
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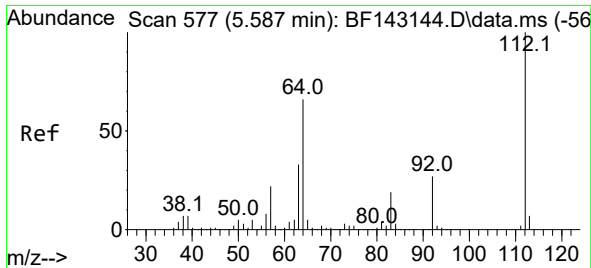


#4
n-Nitrosodimethylamine
Concen: 42.128 ng
RT: 3.587 min Scan# 237
Delta R.T. 0.053 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57



Tgt Ion: 42 Resp: 200760
Ion Ratio Lower Upper
42 100
74 112.8 91.7 137.5
44 6.9 5.6 8.4





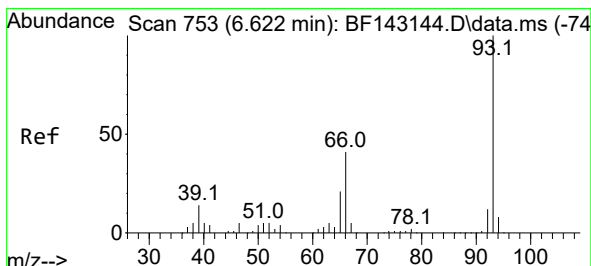
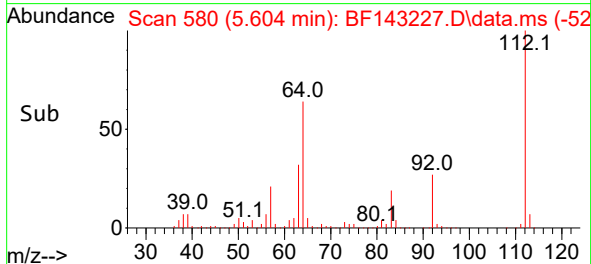
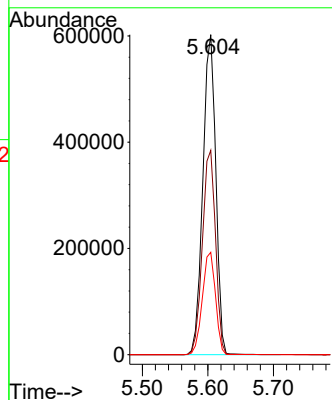
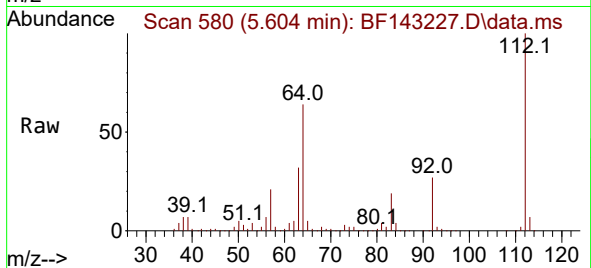
#5
2-Fluorophenol
Concen: 110.341 ng
RT: 5.604 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Instrument :
BNA_F
ClientSampleId :
PB168983BS

Tgt Ion:112 Resp: 82925
Ion Ratio Lower Upper
112 100
64 63.9 53.1 79.7
63 32.0 26.6 40.0

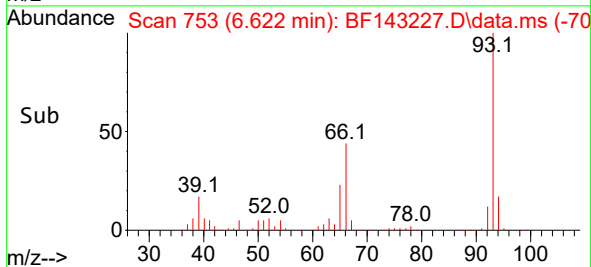
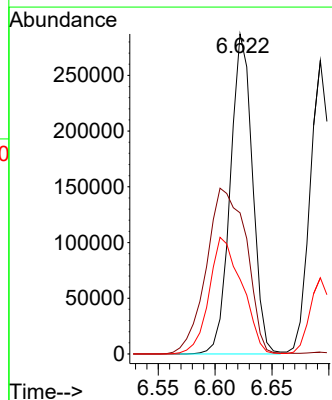
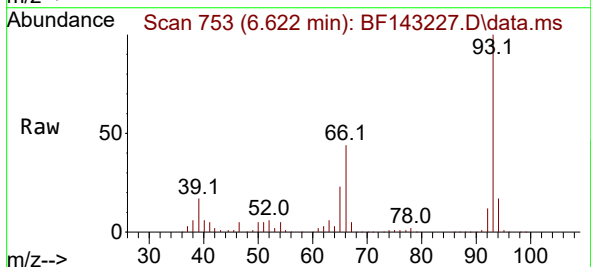
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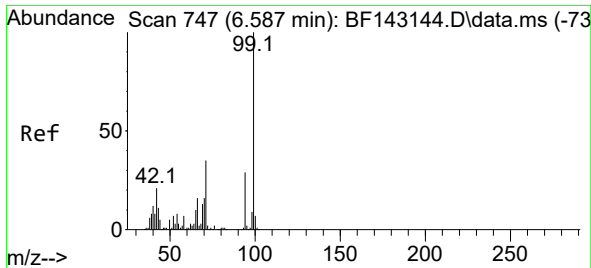
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025



#6
Aniline
Concen: 29.478 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

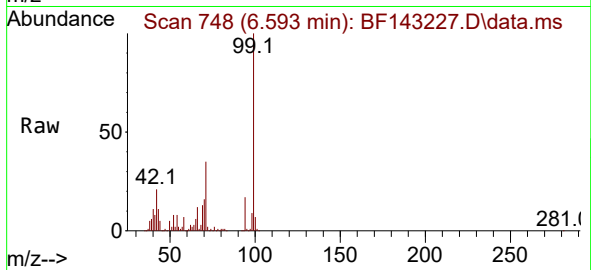
Tgt Ion: 93 Resp: 388627
Ion Ratio Lower Upper
93 100
66 44.1 33.2 49.8
65 23.4 16.9 25.3





#7
Phenol-d6
Concen: 109.903 ng
RT: 6.593 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

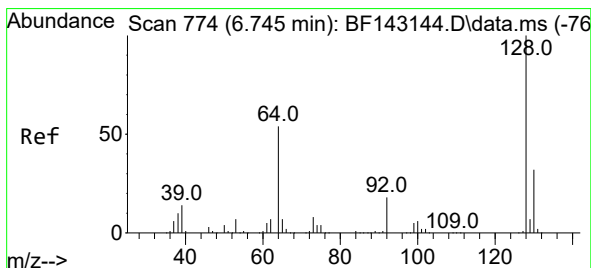
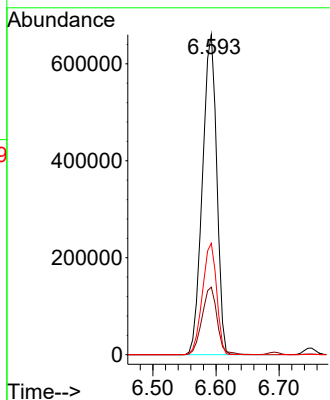
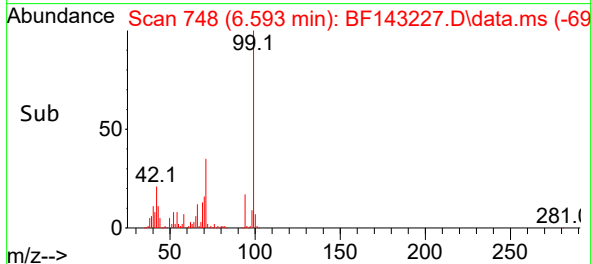
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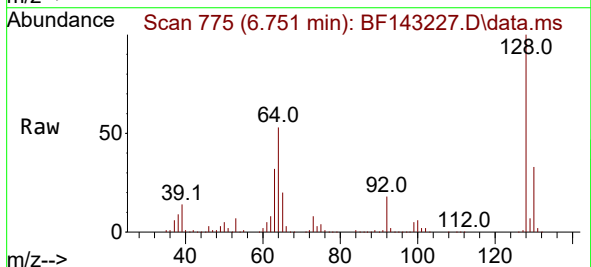
Tgt Ion: 99 Resp: 1039628
Ion Ratio Lower Upper
99 100
42 21.1 17.0 25.6
71 34.8 27.7 41.5

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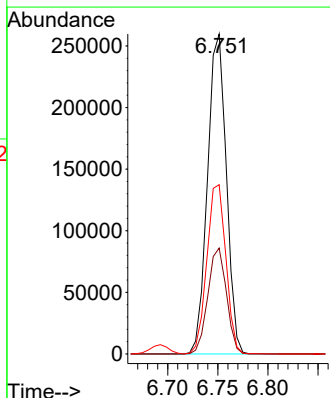
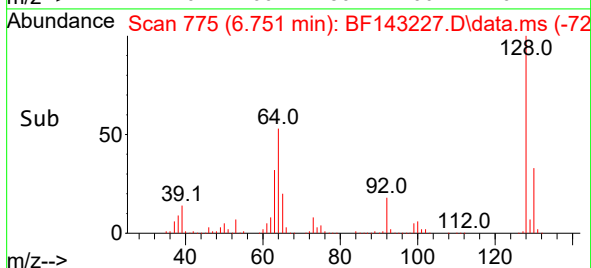
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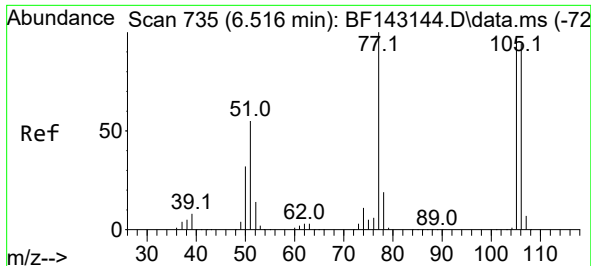


#8
2-Chlorophenol
Concen: 43.091 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57



Tgt Ion:128 Resp: 339459
Ion Ratio Lower Upper
128 100
130 33.1 12.3 52.3
64 52.9 35.9 75.9





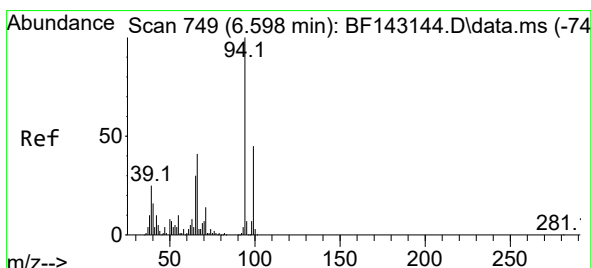
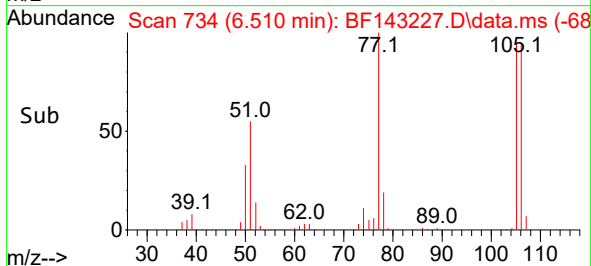
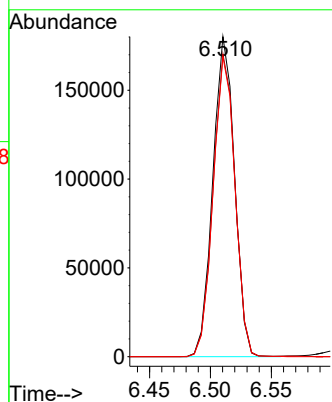
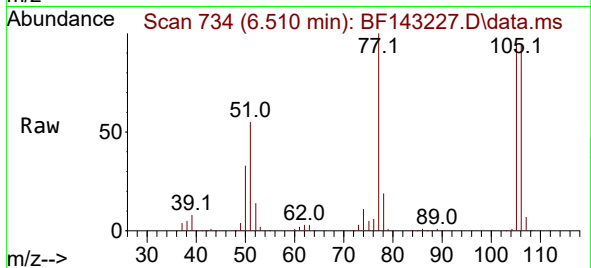
#9
Benzaldehyde
Concen: 31.508 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Instrument :
BNA_F
ClientSampleId :
PB168983BS

Tgt Ion: 77 Resp: 22349
Ion Ratio Lower Upper
77 100
105 94.6 76.8 116.8
106 93.7 74.4 114.4

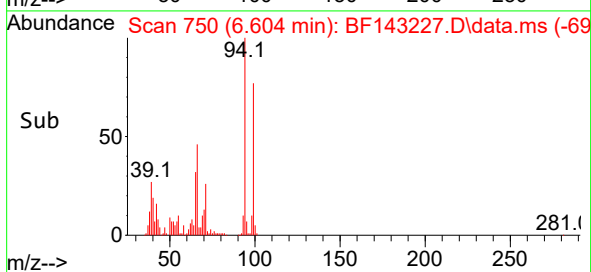
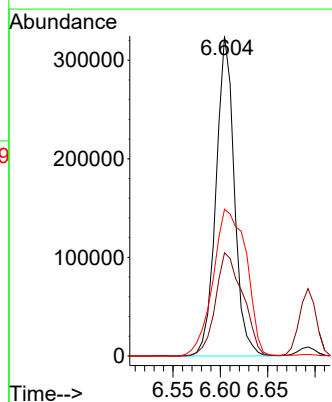
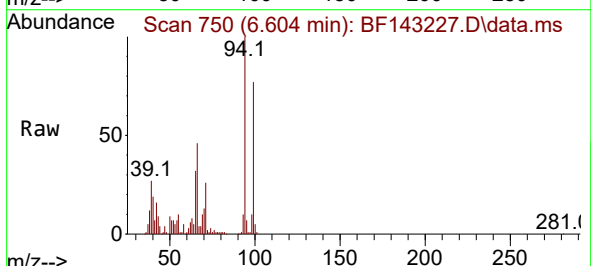
Manual Integrations
APPROVED

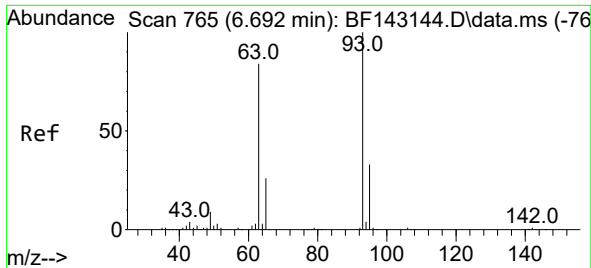
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025



#10
Phenol
Concen: 42.354 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Tgt Ion: 94 Resp: 436467
Ion Ratio Lower Upper
94 100
65 32.2 10.0 50.0
66 45.8 20.8 60.8





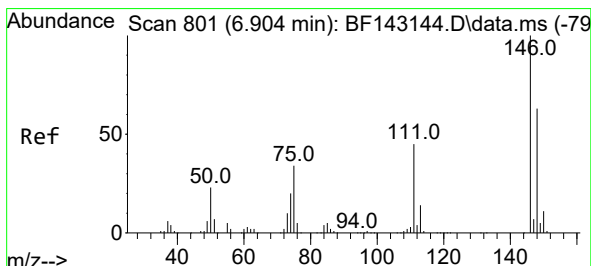
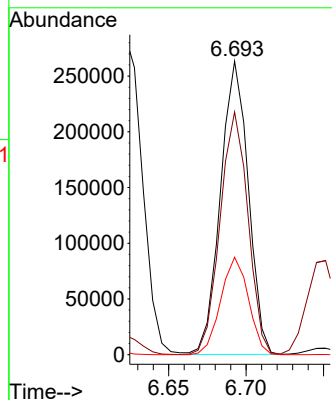
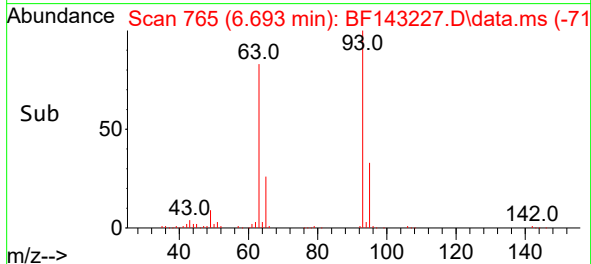
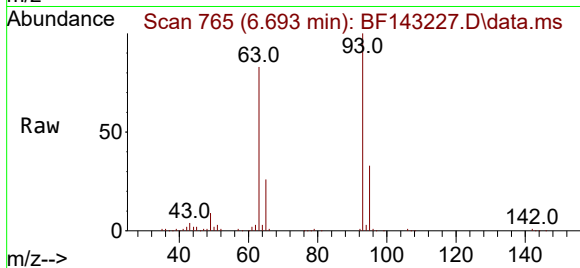
#11
bis(2-Chloroethyl)ether
Concen: 41.690 ng
RT: 6.693 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Instrument :
BNA_F
ClientSampleId :
PB168983BS

Tgt Ion: 93 Resp: 328948
Ion Ratio Lower Upper
93 100
63 82.7 63.4 103.4
95 33.2 12.4 52.4

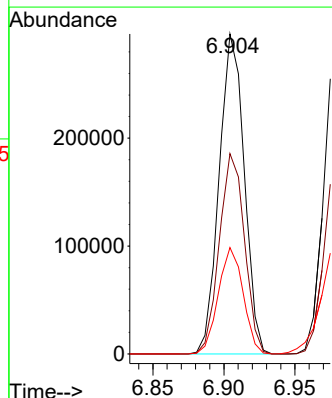
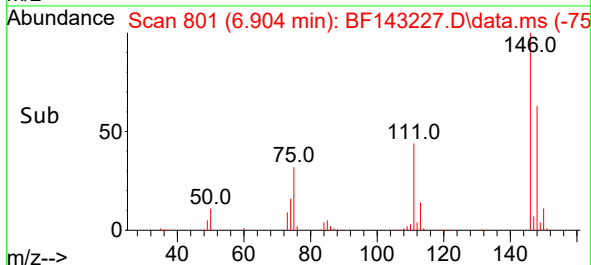
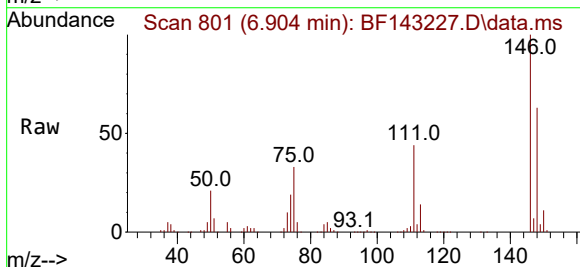
Manual Integrations
APPROVED

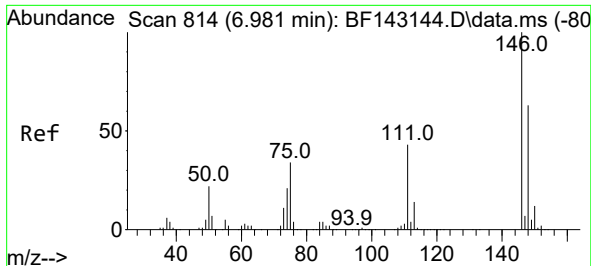
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025



#12
1,3-Dichlorobenzene
Concen: 42.519 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Tgt Ion:146 Resp: 363863
Ion Ratio Lower Upper
146 100
148 62.6 50.6 76.0
75 33.3 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 43.037 ng

RT: 6.981 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF143227.D

Acq: 24 Jul 2025 11:57

Instrument :

BNA_F

ClientSampleId :

PB168983BS

Tgt Ion:146 Resp: 37089

Ion Ratio Lower Upper

146 100

148 62.1 50.3 75.5

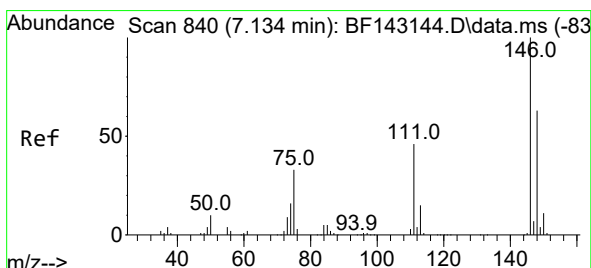
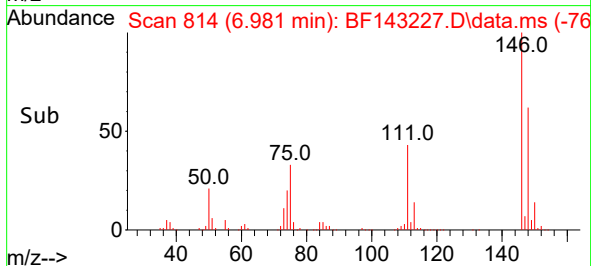
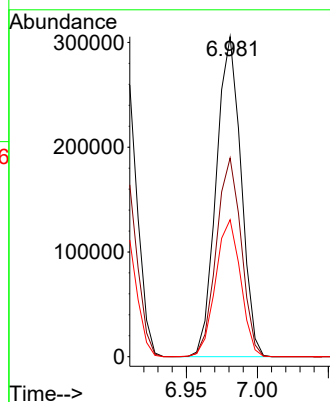
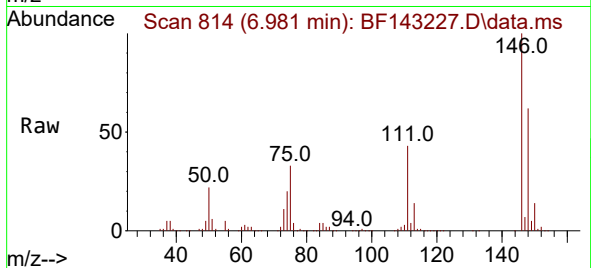
111 42.8 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/25/2025

Supervised By :Jagrut Upadhyay 07/25/2025



#14

1,2-Dichlorobenzene

Concen: 43.786 ng

RT: 7.134 min Scan# 840

Delta R.T. 0.000 min

Lab File: BF143227.D

Acq: 24 Jul 2025 11:57

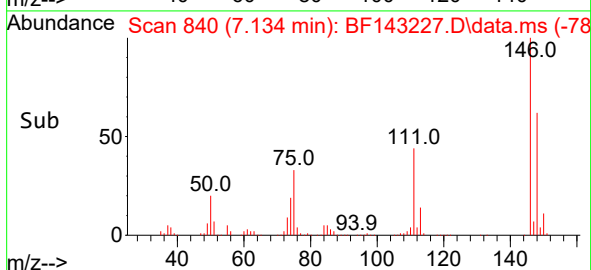
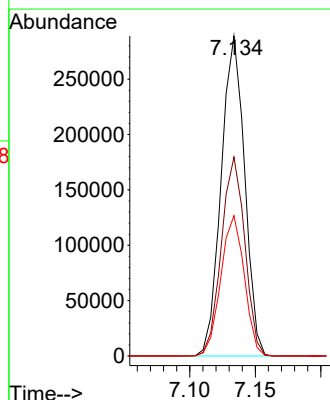
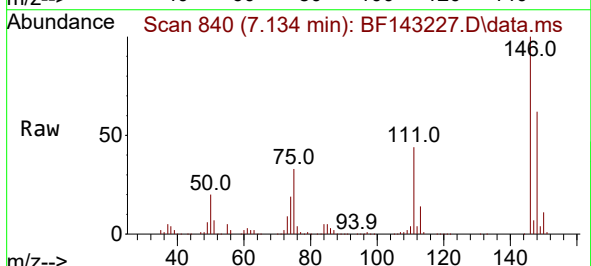
Tgt Ion:146 Resp: 358905

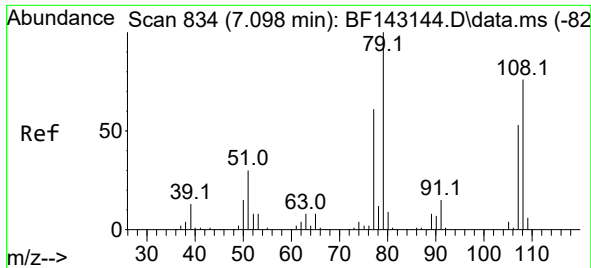
Ion Ratio Lower Upper

146 100

148 62.1 50.7 76.1

111 43.9 36.6 54.8





#15
Benzyl Alcohol
Concen: 43.662 ng
RT: 7.098 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Instrument :

BNA_F

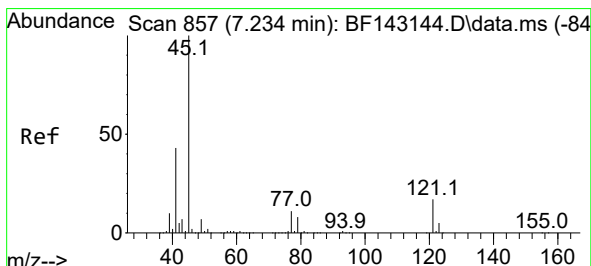
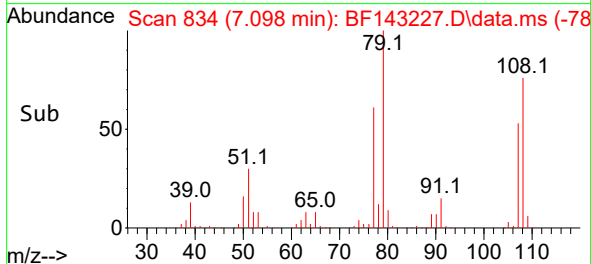
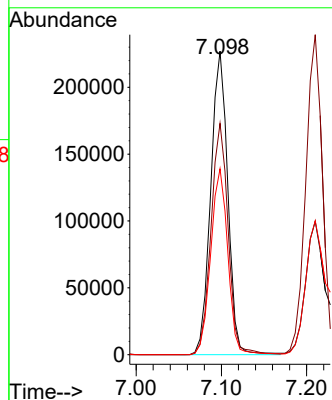
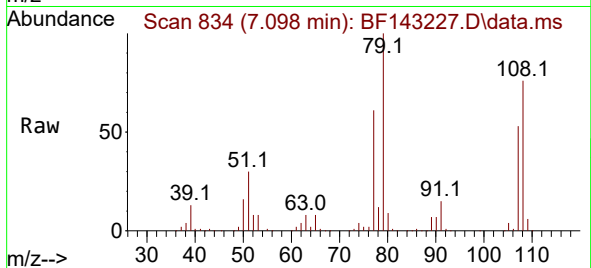
ClientSampleId :

PB168983BS

Tgt Ion: 79 Resp: 315360
Ion Ratio Lower Upper
79 100
108 76.3 61.1 91.7
77 61.3 48.9 73.3

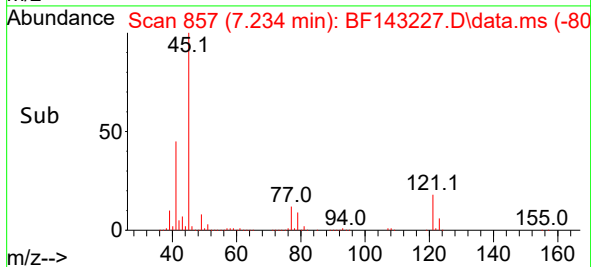
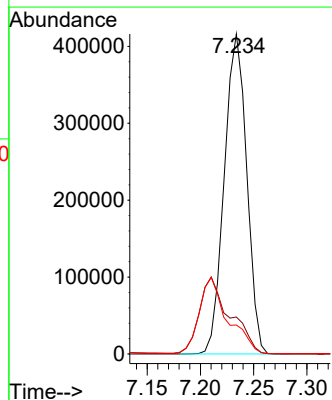
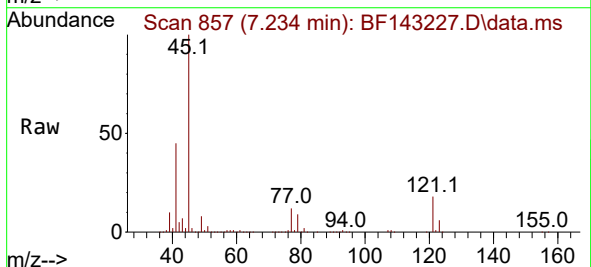
Manual Integrations
APPROVED

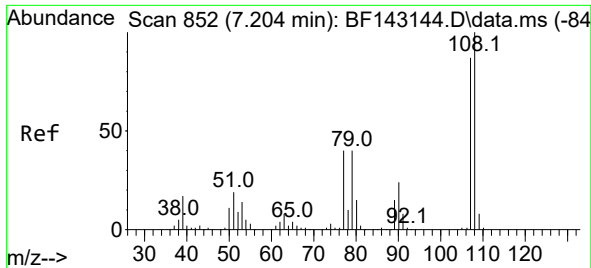
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.569 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Tgt Ion: 45 Resp: 608431
Ion Ratio Lower Upper
45 100
77 11.6 0.0 31.2
79 9.1 0.0 28.5





#17
2-Methylphenol
Concen: 43.230 ng
RT: 7.210 min Scan# 852
Delta R.T. 0.006 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Instrument :

BNA_F

ClientSampleId :

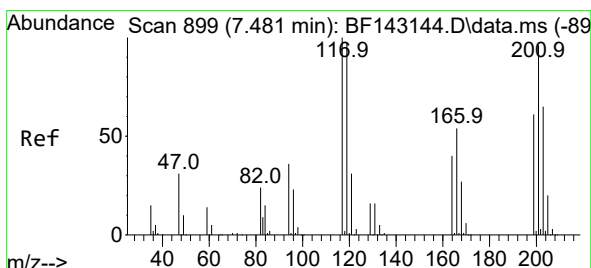
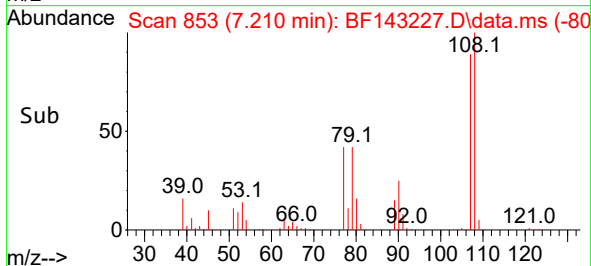
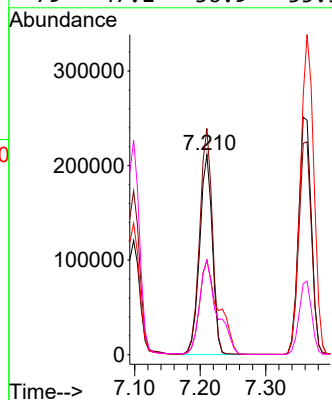
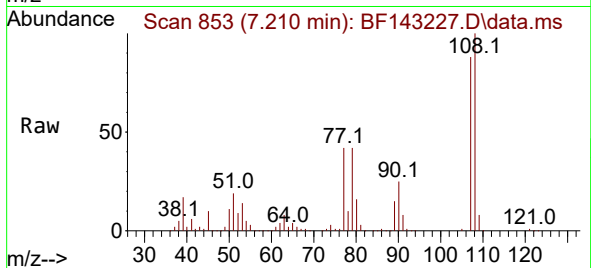
PB168983BS

Tgt Ion:107 Resp: 28634
Ion Ratio Lower Upper
107 100
108 113.1 91.8 137.6
77 47.3 37.0 55.6
79 47.1 36.9 55.3

Manual Integrations

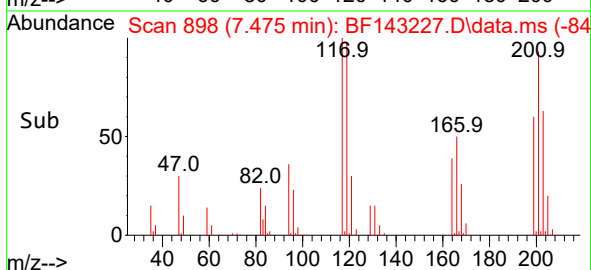
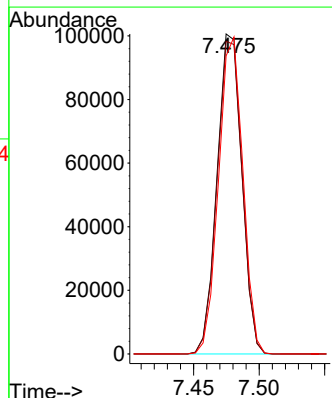
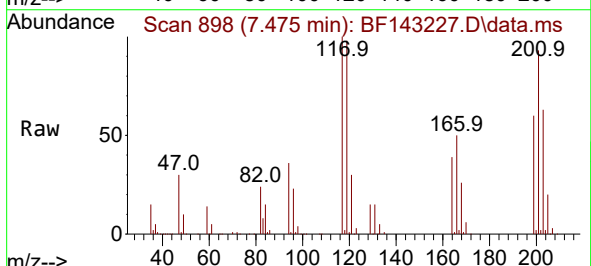
APPROVED

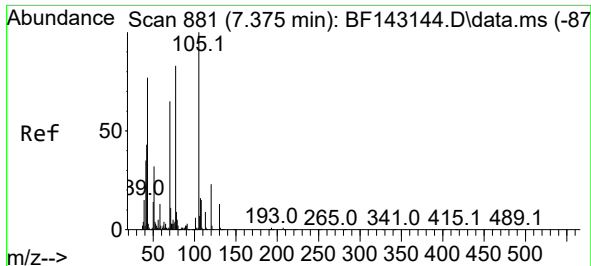
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025



#18
Hexachloroethane
Concen: 44.441 ng
RT: 7.475 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Tgt Ion:117 Resp: 132586
Ion Ratio Lower Upper
117 100
119 97.7 77.8 116.8
201 93.2 77.0 115.4





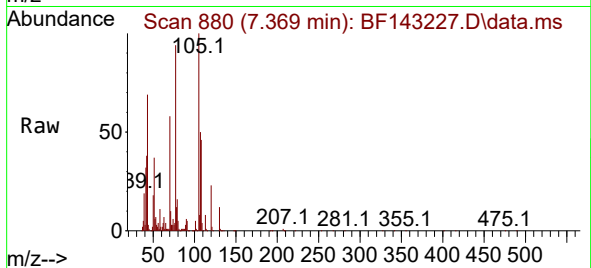
#19
n-Nitroso-di-n-propylamine
Concen: 41.706 ng
RT: 7.369 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Instrument :

BNA_F

ClientSampleId :

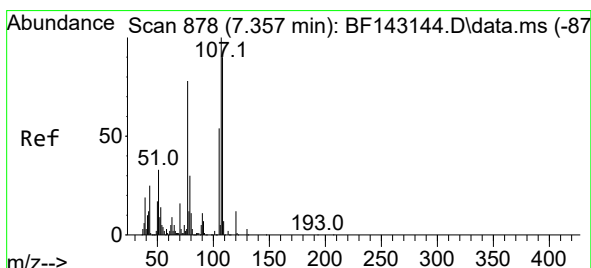
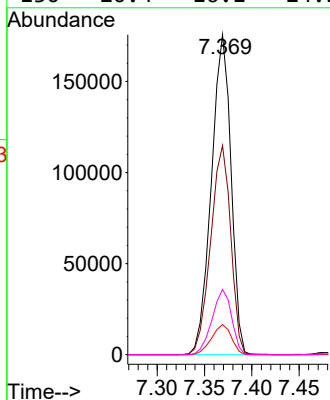
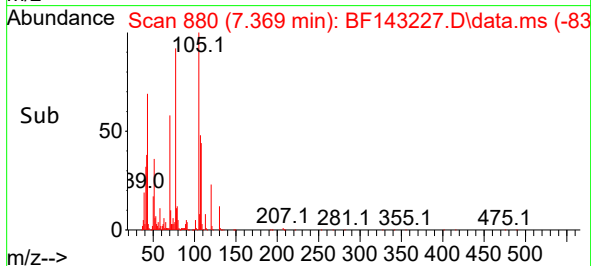
PB168983BS



Tgt Ion: 70 Resp: 25311
Ion Ratio Lower Upper
70 100
42 65.3 52.5 78.7
101 9.4 7.6 11.4
130 20.4 16.1 24.1

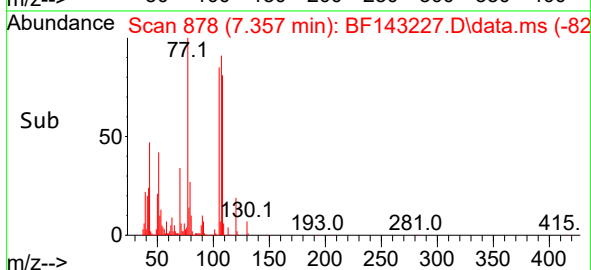
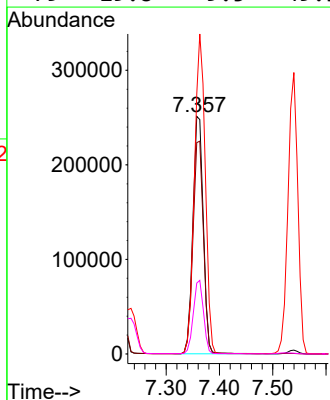
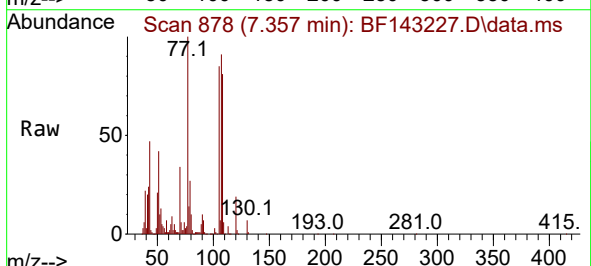
Manual Integrations
APPROVED

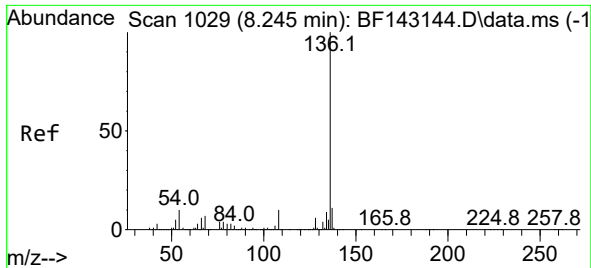
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025



#20
3+4-Methylphenols
Concen: 42.362 ng
RT: 7.357 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

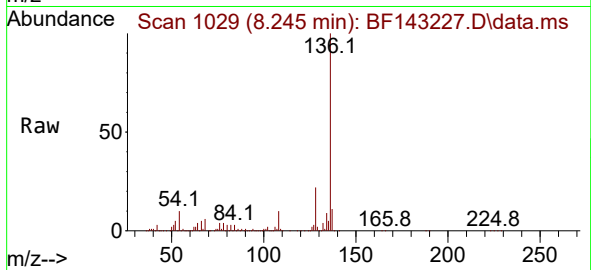
Tgt Ion:107 Resp: 340436
Ion Ratio Lower Upper
107 100
108 89.0 70.0 110.0
77 109.3 57.8 97.8#
79 29.8 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

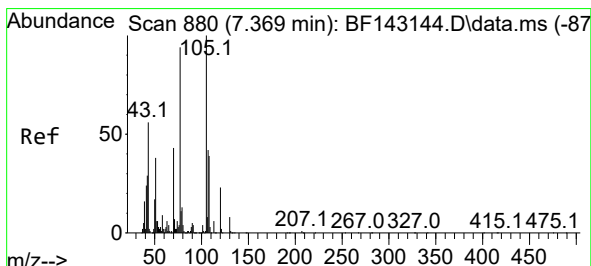
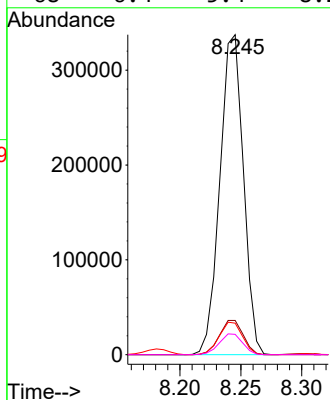
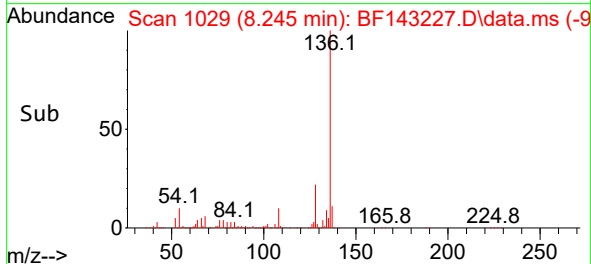
Instrument :
BNA_F
ClientSampleId :
PB168983BS



Tgt Ion:136 Resp: 454070
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.8 8.2 12.2
68 6.4 5.4 8.2

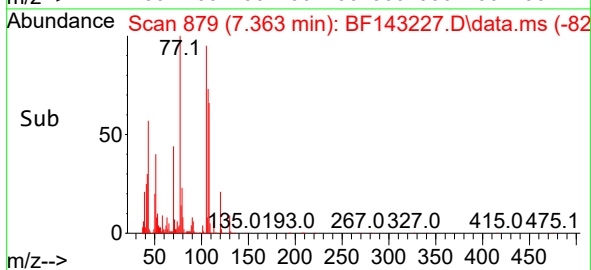
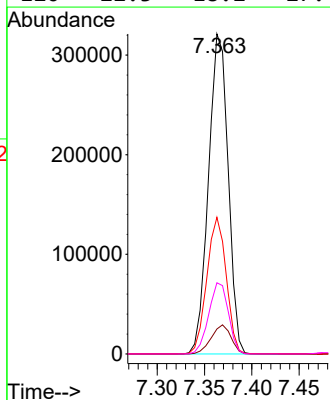
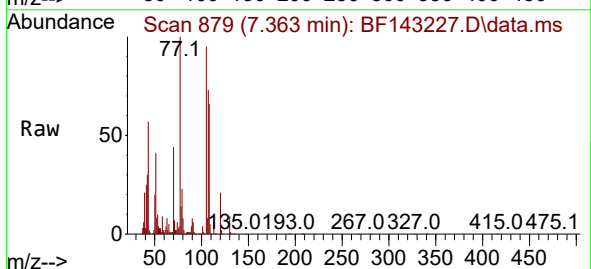
Manual Integrations
APPROVED

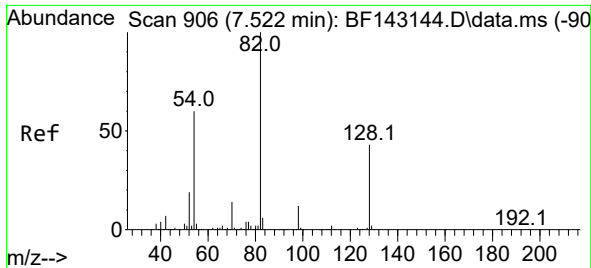
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025



#22
Acetophenone
Concen: 43.056 ng
RT: 7.363 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Tgt Ion:105 Resp: 462863
Ion Ratio Lower Upper
105 100
71 7.8 5.8 8.6
51 42.7 30.2 45.2
120 22.3 18.2 27.4





#23
Nitrobenzene-d5
Concen: 77.492 ng
RT: 7.522 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Instrument :

BNA_F

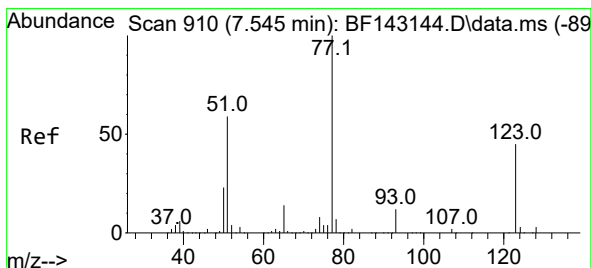
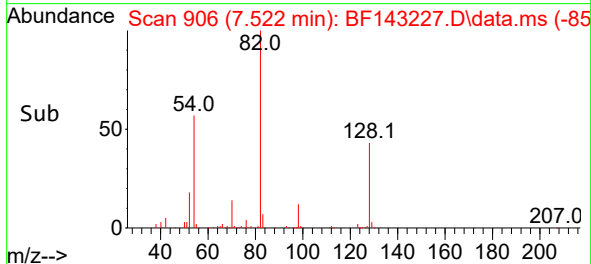
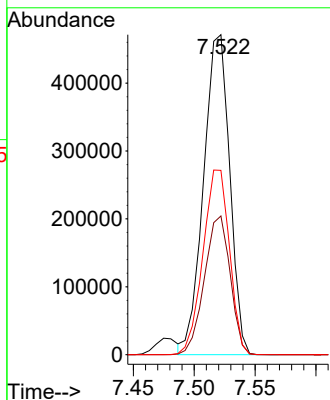
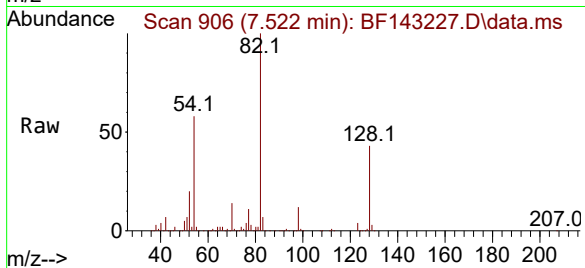
ClientSampleId :

PB168983BS

Tgt Ion: 82 Resp: 70589
Ion Ratio Lower Upper
82 100
128 43.4 33.6 50.4
54 57.6 47.1 70.7

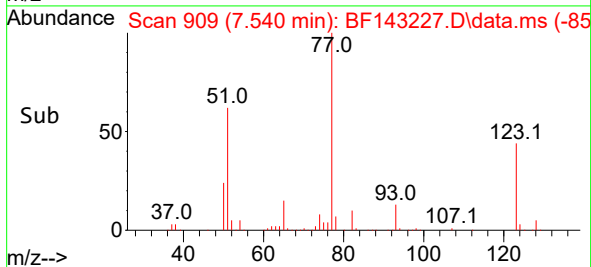
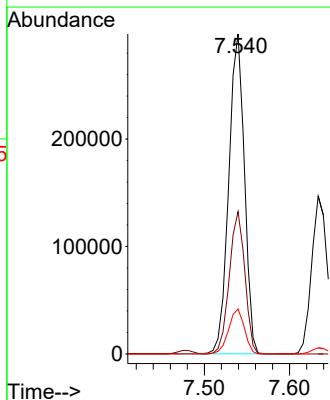
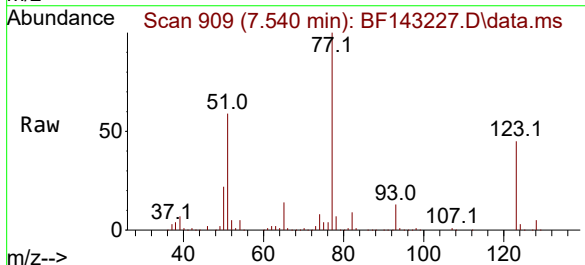
Manual Integrations
APPROVED

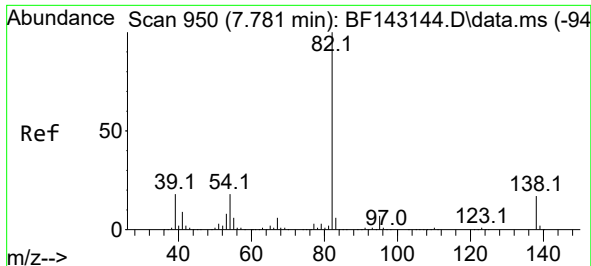
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025



#24
Nitrobenzene
Concen: 44.810 ng
RT: 7.540 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Tgt Ion: 77 Resp: 380553
Ion Ratio Lower Upper
77 100
123 44.5 36.1 54.1
65 14.1 11.4 17.2





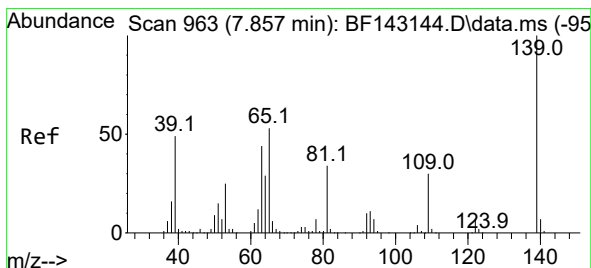
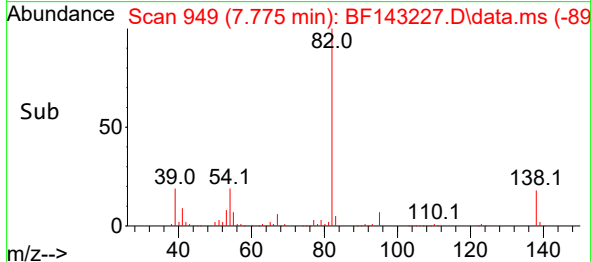
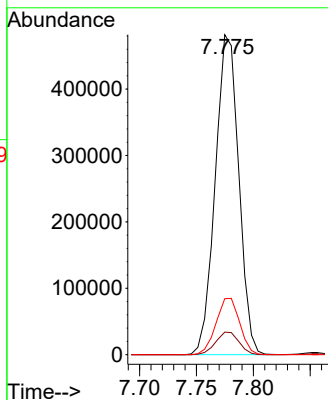
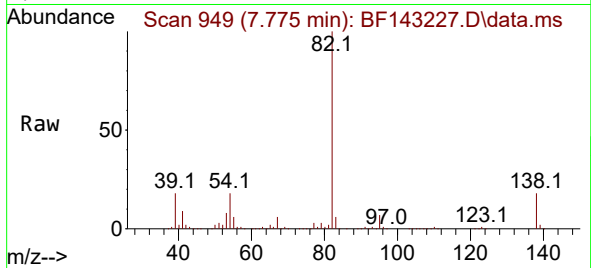
#25
Isophorone
Concen: 43.181 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Instrument :
BNA_F
ClientSampleId :
PB168983BS

Tgt Ion: 82 Resp: 69439
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 17.5 13.8 20.8

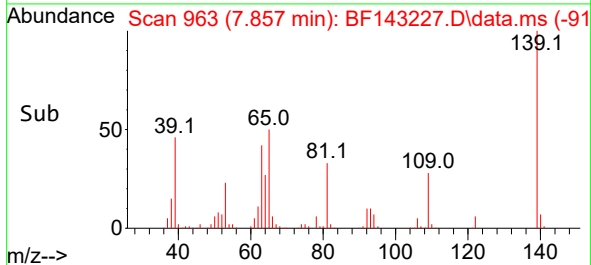
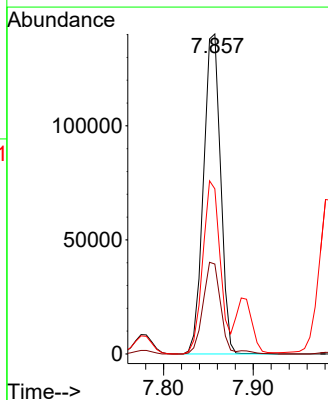
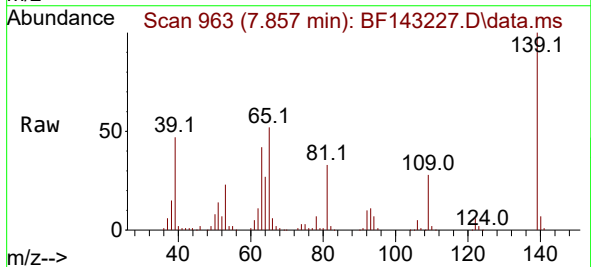
Manual Integrations
APPROVED

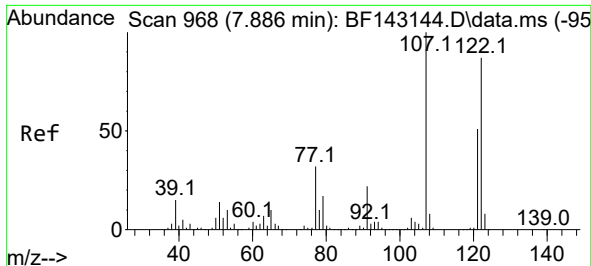
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025



#26
2-Nitrophenol
Concen: 50.369 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Tgt Ion:139 Resp: 185650
Ion Ratio Lower Upper
139 100
109 28.1 23.6 35.4
65 51.6 42.6 64.0





#27
2,4-Dimethylphenol
Concen: 42.565 ng
RT: 7.892 min Scan# 968
Delta R.T. 0.006 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Instrument :

BNA_F

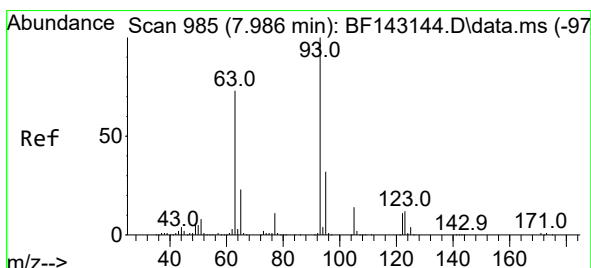
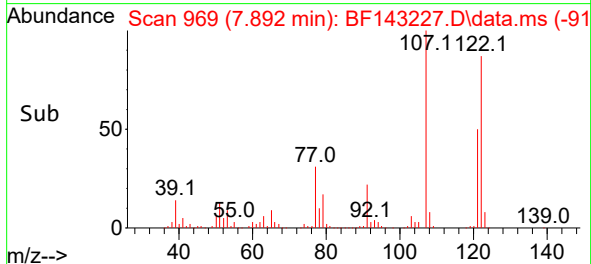
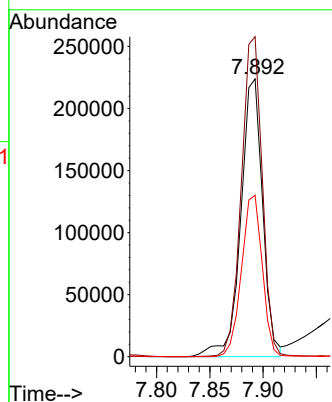
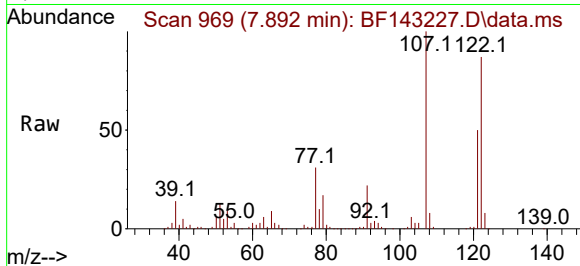
ClientSampleId :

PB168983BS

Tgt Ion:122 Resp: 31979
Ion Ratio Lower Upper
122 100
107 115.2 91.8 137.6
121 58.2 46.3 69.5

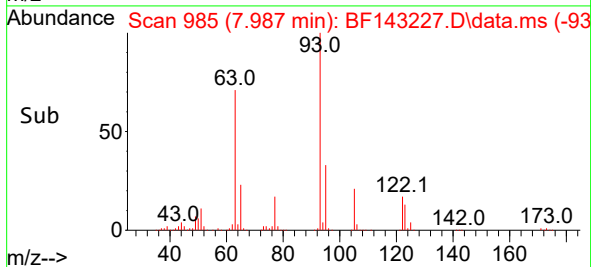
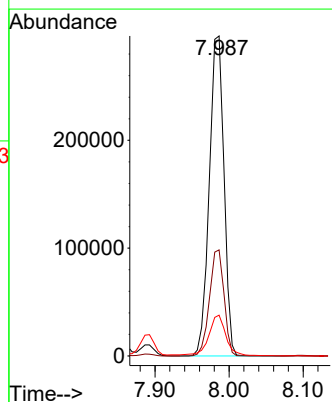
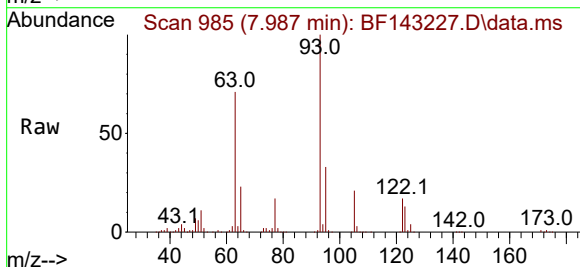
Manual Integrations
APPROVED

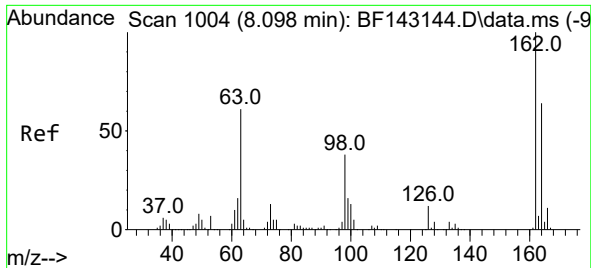
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025



#28
bis(2-Chloroethoxy)methane
Concen: 42.479 ng
RT: 7.987 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Tgt Ion: 93 Resp: 409567
Ion Ratio Lower Upper
93 100
95 33.1 25.8 38.6
123 12.8 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 44.014 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF143227.D

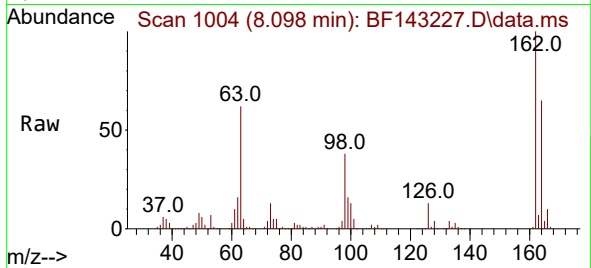
Acq: 24 Jul 2025 11:57

Instrument :

BNA_F

ClientSampleId :

PB168983BS



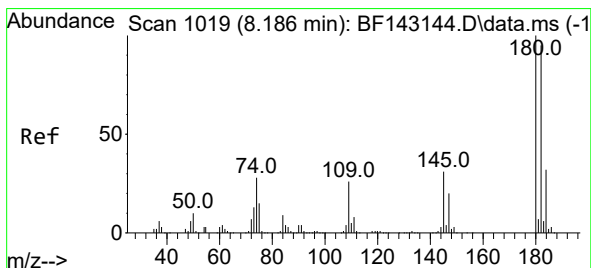
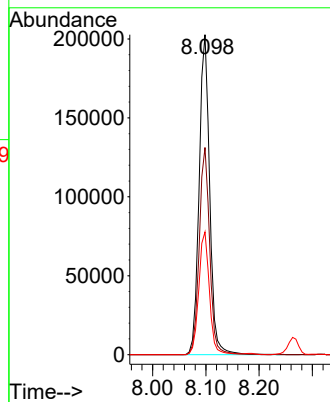
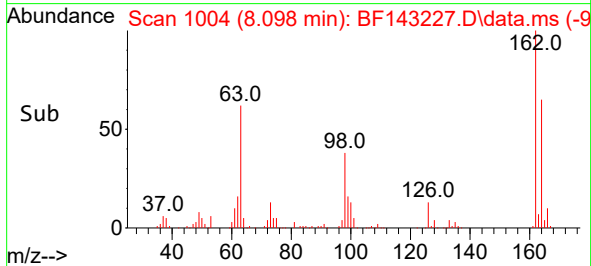
Tgt Ion:162	Resp:	27887
Ion Ratio	Lower	Upper
162	100	
164	64.8	44.2 84.2
98	38.4	17.9 57.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/25/2025

Supervised By :Jagrut Upadhyay 07/25/2025



#30

1,2,4-Trichlorobenzene

Concen: 44.313 ng

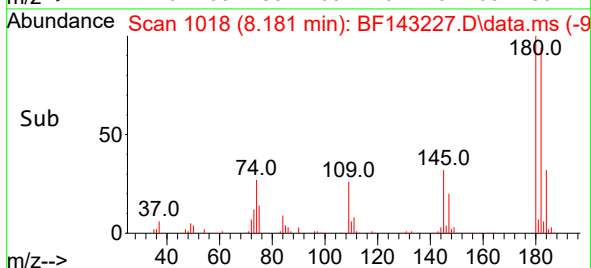
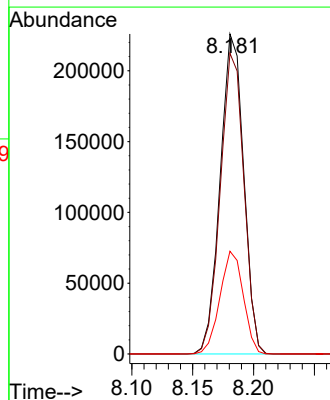
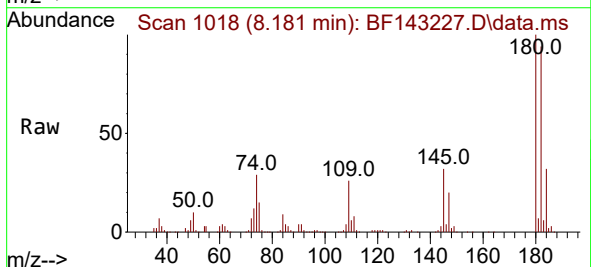
RT: 8.181 min Scan# 1018

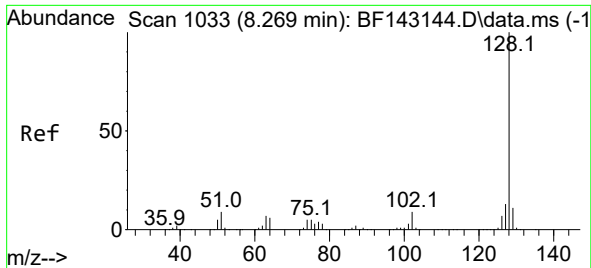
Delta R.T. -0.006 min

Lab File: BF143227.D

Acq: 24 Jul 2025 11:57

Tgt Ion:180	Resp:	303327
Ion Ratio	Lower	Upper
180	100	
182	93.9	76.2 114.2
145	32.1	25.0 37.6





#31
Naphthalene
Concen: 43.792 ng
RT: 8.263 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Instrument :

BNA_F

ClientSampleId :

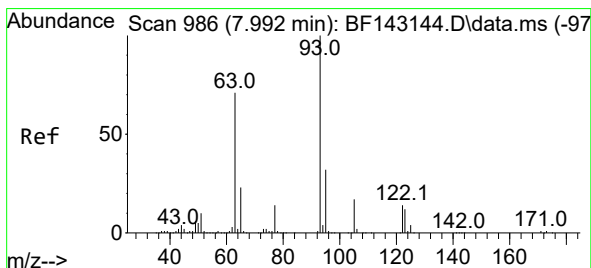
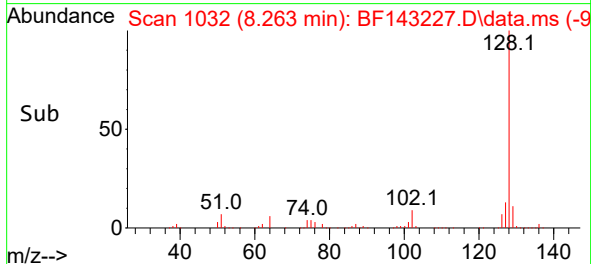
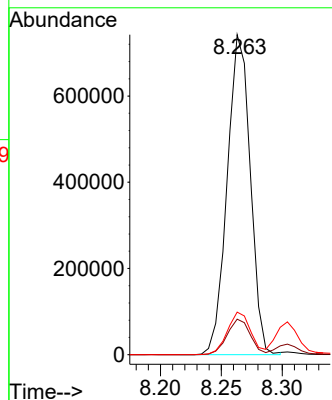
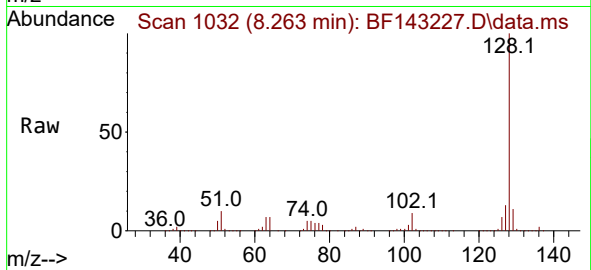
PB168983BS

Tgt Ion:128 Resp: 979294
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.3 10.6 16.0

Manual Integrations

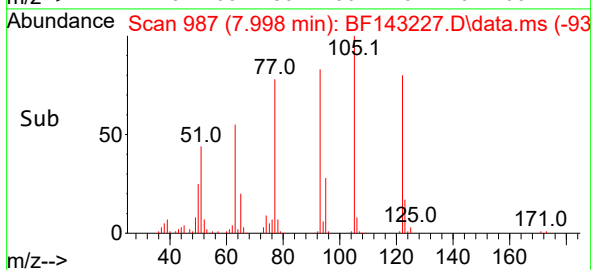
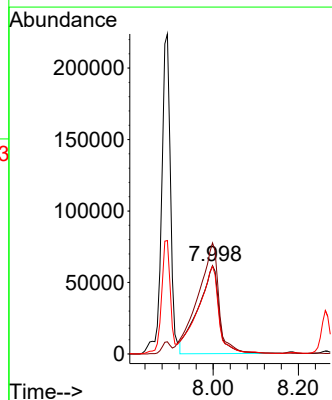
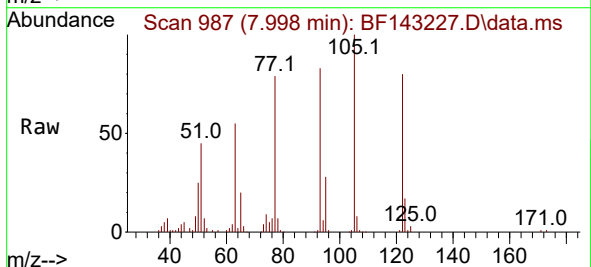
APPROVED

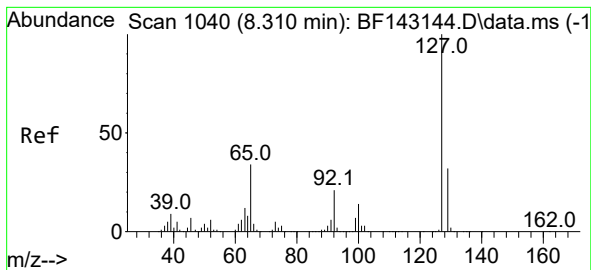
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025



#32
Benzoic acid
Concen: 49.556 ng
RT: 7.998 min Scan# 987
Delta R.T. 0.006 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Tgt Ion:122 Resp: 210526
Ion Ratio Lower Upper
122 100
105 125.7 104.8 144.8
77 99.5 77.6 117.6





#33
4-Chloroaniline
Concen: 11.144 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Instrument :

BNA_F

ClientSampleId :

PB168983BS

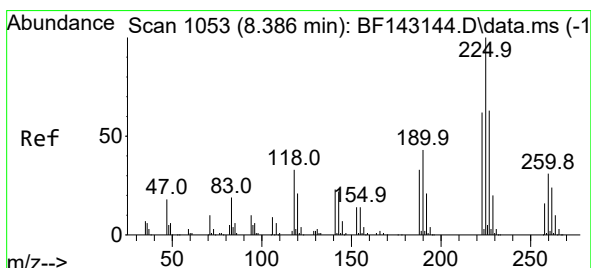
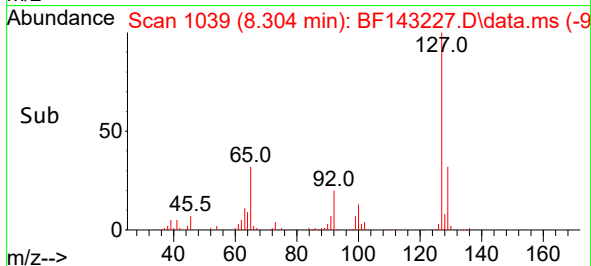
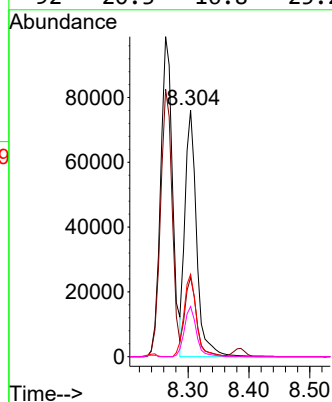
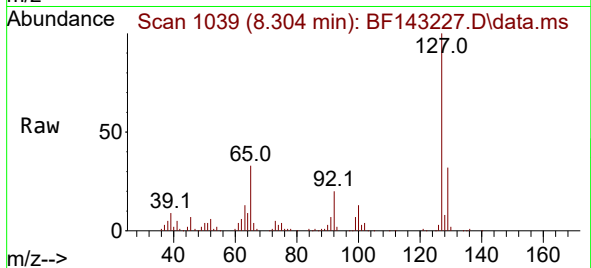
Tgt Ion:127 Resp: 101760
Ion Ratio Lower Upper
127 100
129 32.2 26.0 39.0
65 33.4 27.4 41.2
92 20.3 16.8 25.2

Manual Integrations

APPROVED

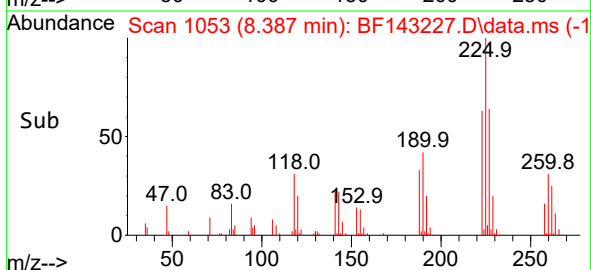
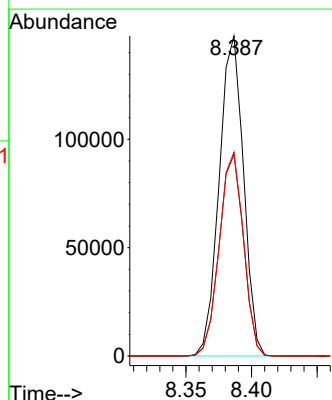
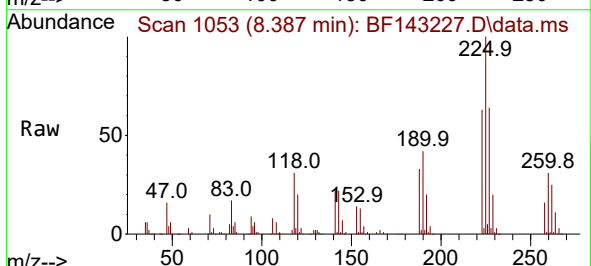
Reviewed By :Rahul Chavli 07/25/2025

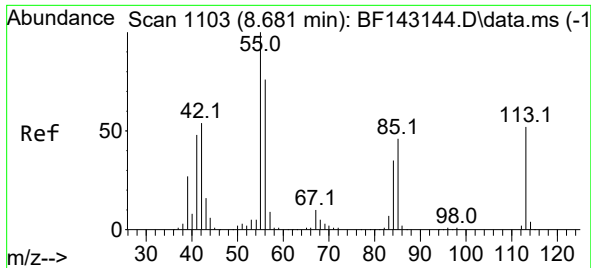
Supervised By :Jagrut Upadhyay 07/25/2025



#34
Hexachlorobutadiene
Concen: 45.473 ng
RT: 8.387 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

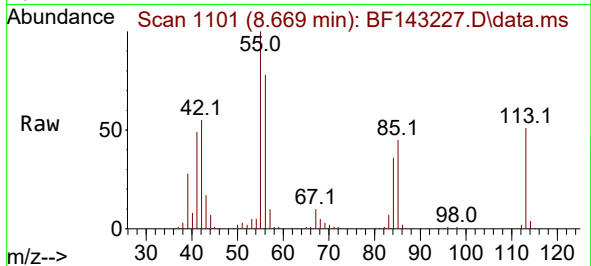
Tgt Ion:225 Resp: 190144
Ion Ratio Lower Upper
225 100
223 63.0 49.8 74.6
227 63.7 50.2 75.4





#35
Caprolactam
Concen: 48.682 ng m
RT: 8.669 min Scan# 1101
Delta R.T. -0.012 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

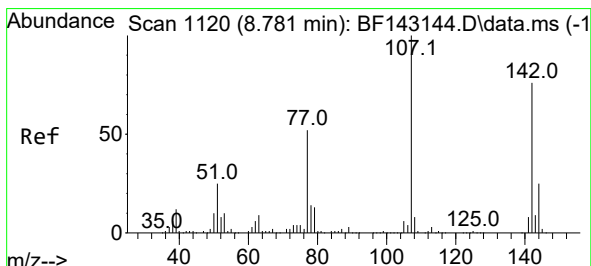
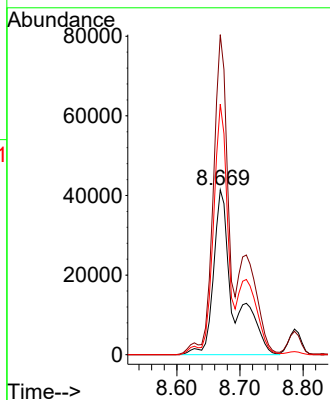
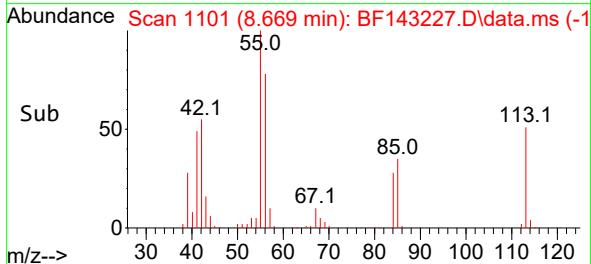
Instrument :
BNA_F
ClientSampleId :
PB168983BS



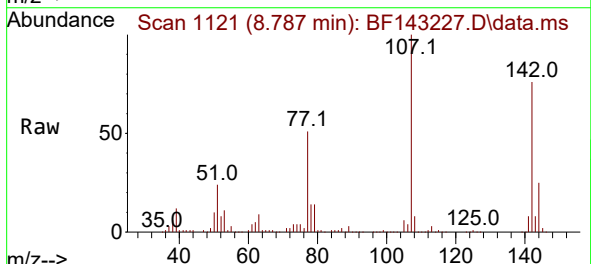
Tgt Ion:113 Resp: 93209
Ion Ratio Lower Upper
113 100
55 194.2 174.0 214.0
56 152.1 126.6 166.6

Manual Integrations
APPROVED

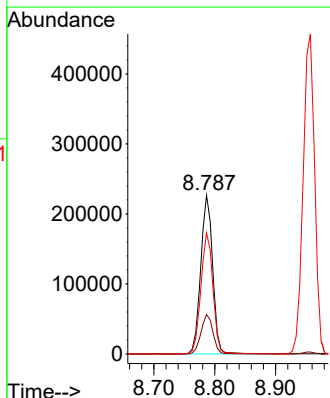
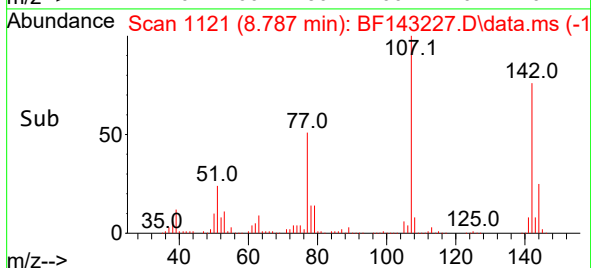
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025

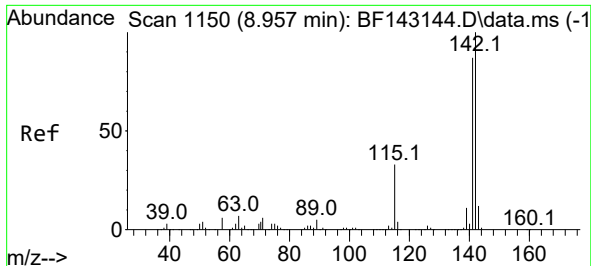


#36
4-Chloro-3-methylphenol
Concen: 44.762 ng
RT: 8.787 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57



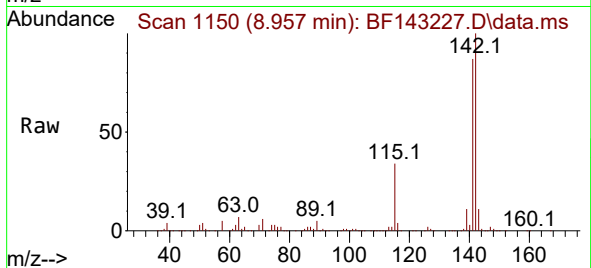
Tgt Ion:107 Resp: 308262
Ion Ratio Lower Upper
107 100
144 24.8 19.8 29.6
142 76.2 60.6 90.8





#37
2-Methylnaphthalene
Concen: 43.877 ng
RT: 8.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

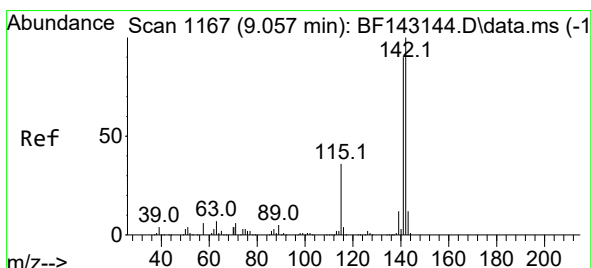
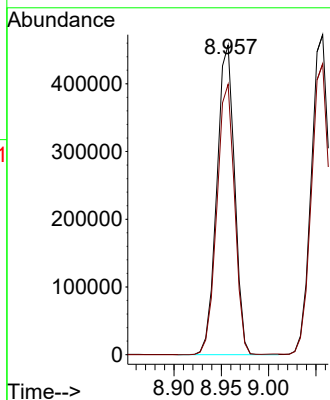
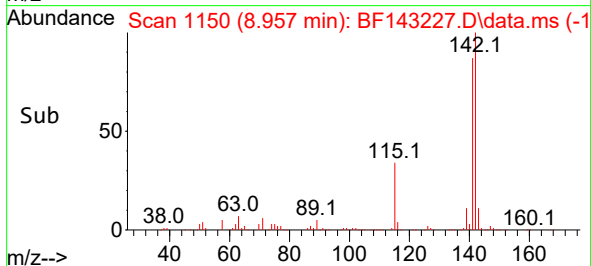
Instrument :
BNA_F
ClientSampleId :
PB168983BS



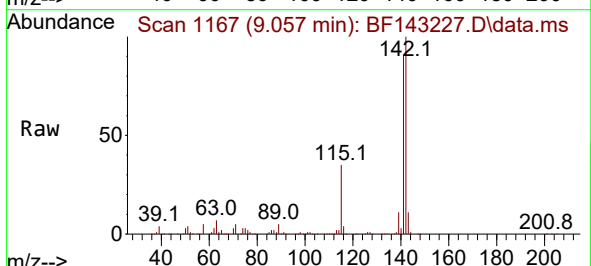
Tgt Ion:142 Resp: 597070
Ion Ratio Lower Upper
142 100
141 87.3 69.9 104.9

Manual Integrations
APPROVED

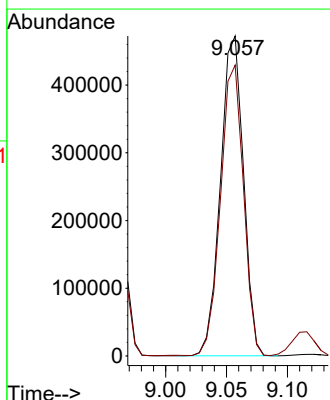
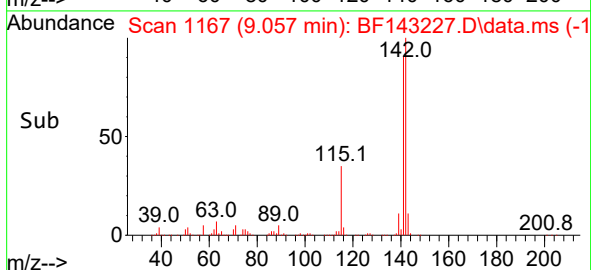
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025

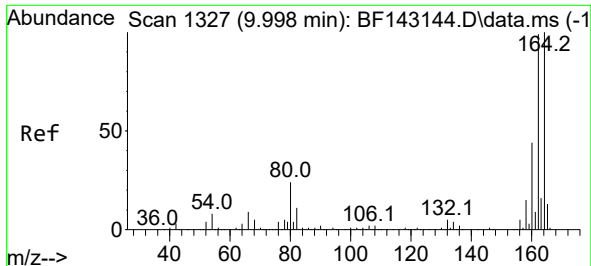


#38
1-Methylnaphthalene
Concen: 44.279 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57



Tgt Ion:142 Resp: 620464
Ion Ratio Lower Upper
142 100
141 90.9 72.3 108.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF143227.D

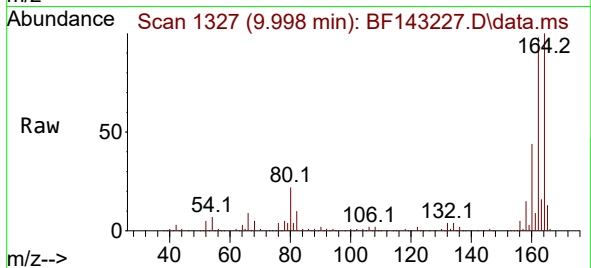
Acq: 24 Jul 2025 11:57

Instrument :

BNA_F

ClientSampleId :

PB168983BS



Tgt Ion:164 Resp: 233308

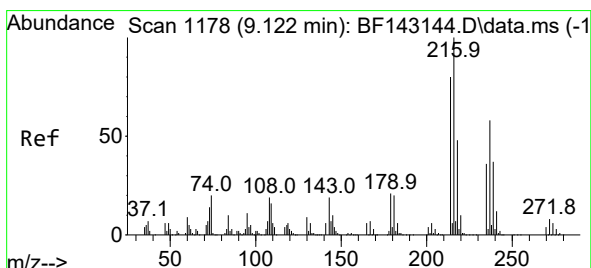
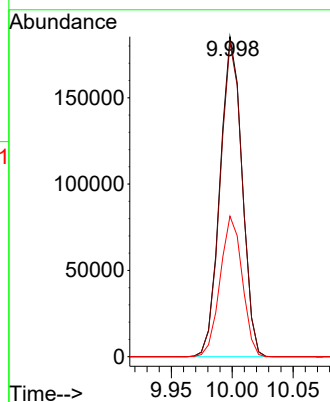
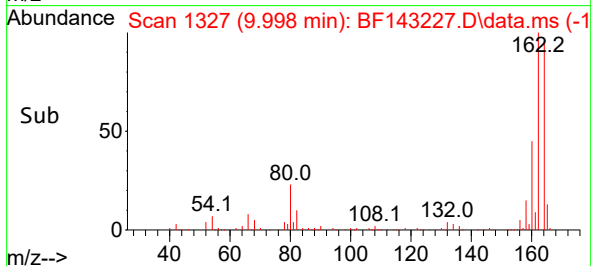
Ion	Ratio	Lower	Upper
164	100		
162	98.2	79.0	118.6
160	43.9	35.1	52.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/25/2025

Supervised By :Jagrut Upadhyay 07/25/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.017 ng

RT: 9.122 min Scan# 1178

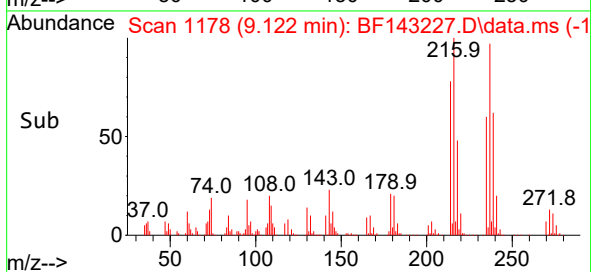
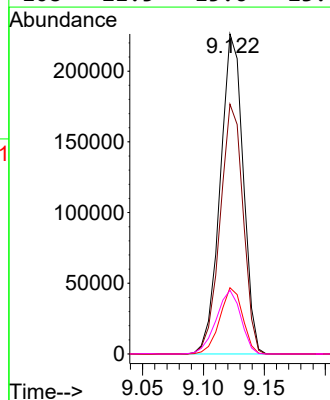
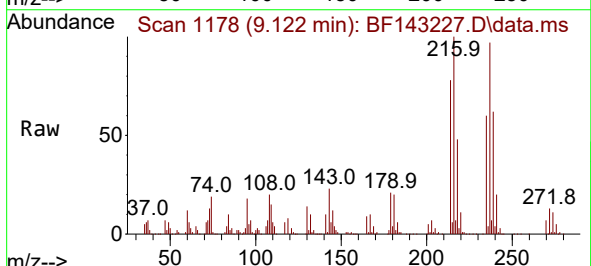
Delta R.T. 0.000 min

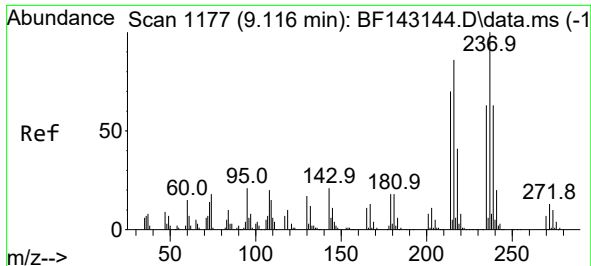
Lab File: BF143227.D

Acq: 24 Jul 2025 11:57

Tgt Ion:216 Resp: 296491

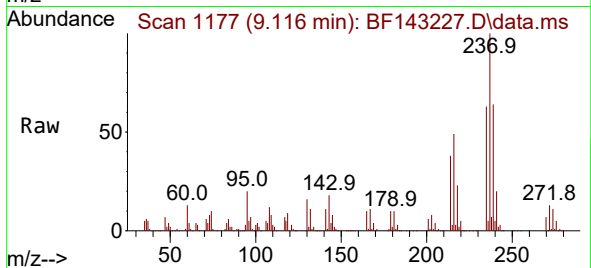
Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.8	95.8
179	20.5	16.4	24.6
108	21.5	15.6	23.4





#41
Hexachlorocyclopentadiene
Concen: 93.090 ng
RT: 9.116 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

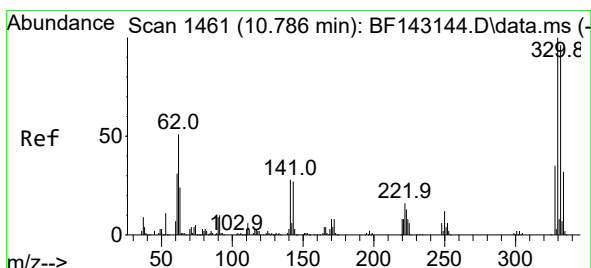
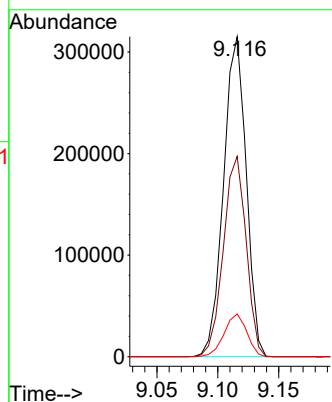
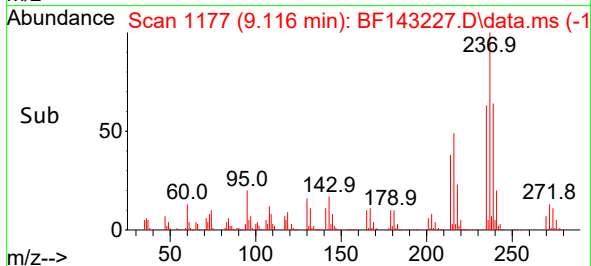
Instrument :
BNA_F
ClientSampleId :
PB168983BS



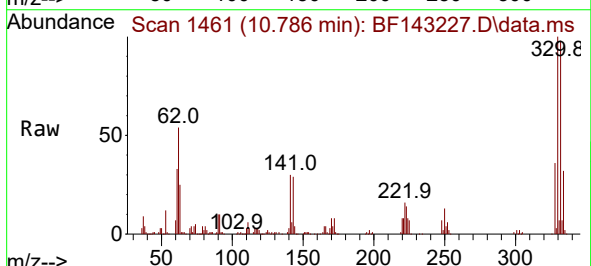
Tgt Ion:237 Resp: 407999
Ion Ratio Lower Upper
237 100
235 62.6 43.0 83.0
272 13.4 0.0 33.3

Manual Integrations
APPROVED

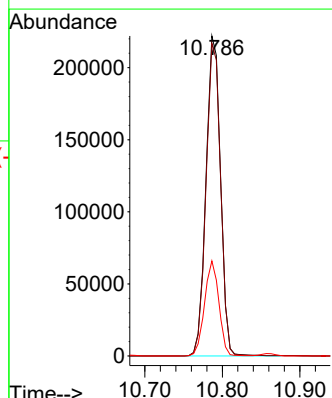
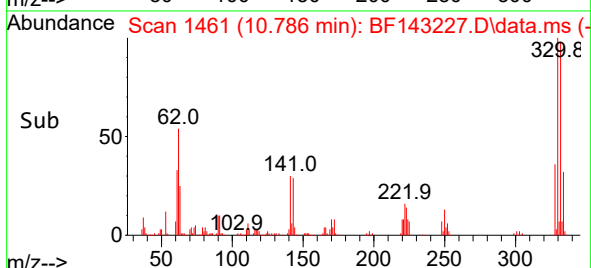
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025

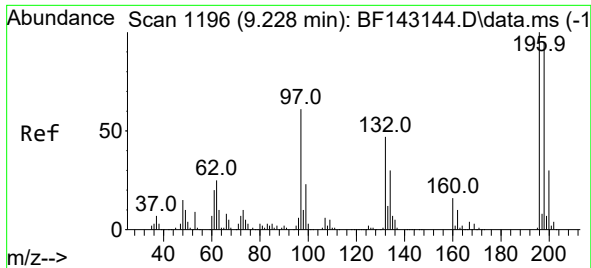


#42
2,4,6-Tribromophenol
Concen: 119.935 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57



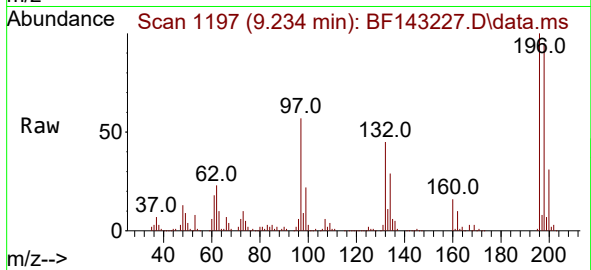
Tgt Ion:330 Resp: 289067
Ion Ratio Lower Upper
330 100
332 97.8 76.7 115.1
141 29.3 23.3 34.9





#43
2,4,6-Trichlorophenol
Concen: 44.513 ng
RT: 9.234 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

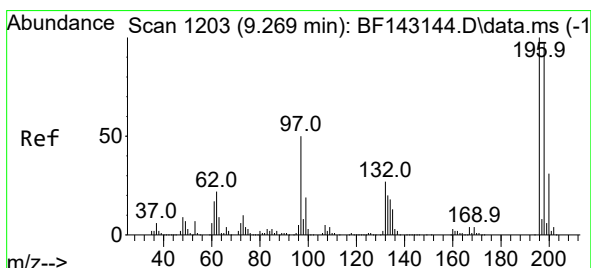
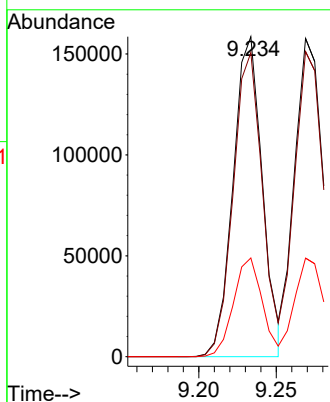
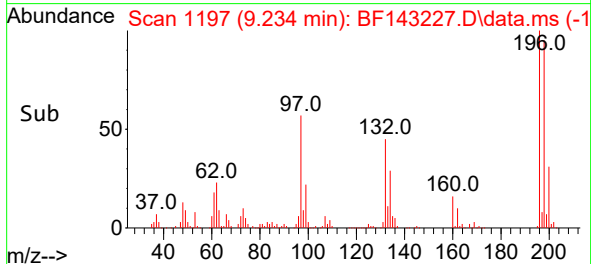
Instrument :
BNA_F
ClientSampleId :
PB168983BS



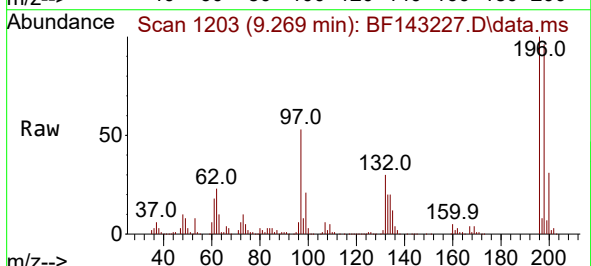
Tgt Ion:196 Resp: 207510
Ion Ratio Lower Upper
196 100
198 95.0 76.2 114.2
200 30.8 23.9 35.9

Manual Integrations
APPROVED

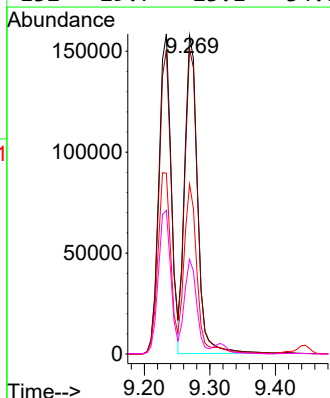
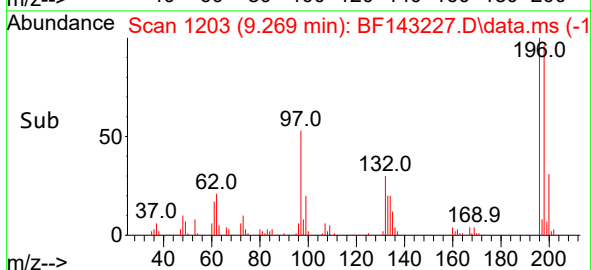
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025

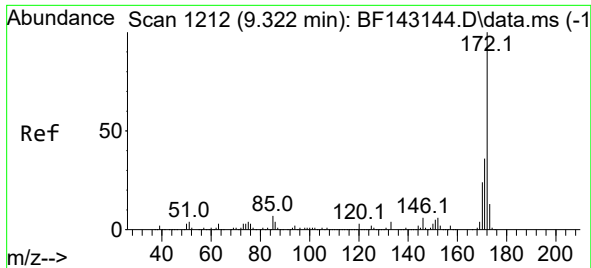


#44
2,4,5-Trichlorophenol
Concen: 45.962 ng
RT: 9.269 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57



Tgt Ion:196 Resp: 214331
Ion Ratio Lower Upper
196 100
198 95.9 77.3 115.9
97 53.4 40.3 60.5
132 29.7 23.1 34.7





#45
2-Fluorobiphenyl
Concen: 76.565 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Instrument :

BNA_F

ClientSampleId :

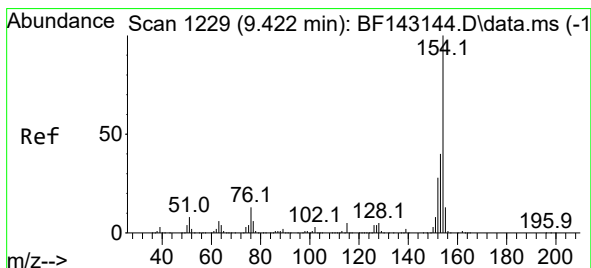
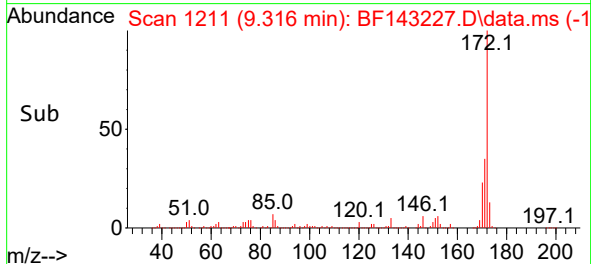
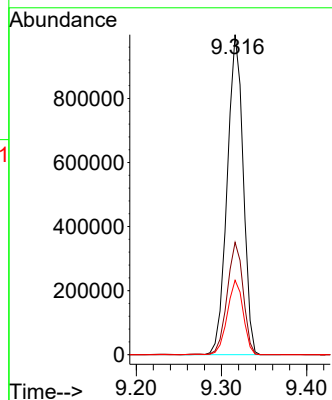
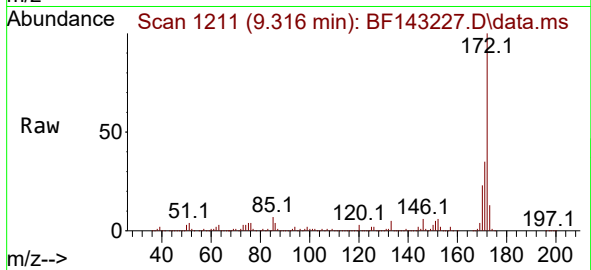
PB168983BS

Tgt Ion:172 Resp: 130614
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 23.3 18.8 28.2

Manual Integrations

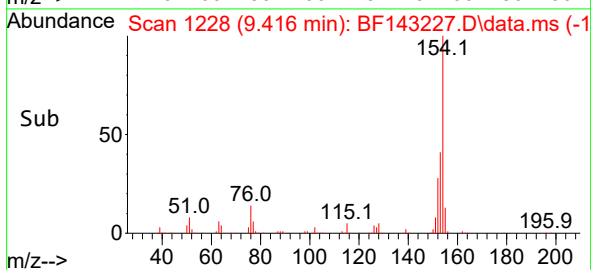
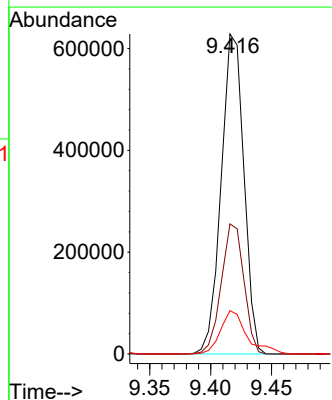
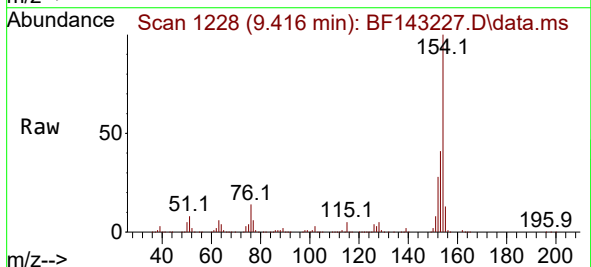
APPROVED

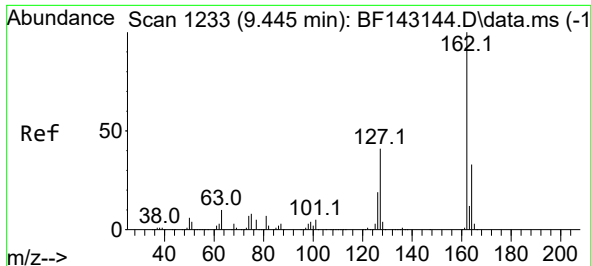
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025



#46
1,1'-Biphenyl
Concen: 44.835 ng
RT: 9.416 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Tgt Ion:154 Resp: 816107
Ion Ratio Lower Upper
154 100
153 40.6 20.3 60.3
76 13.6 0.0 33.3





#47

2-Chloronaphthalene

Concen: 44.297 ng

RT: 9.445 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BF143227.D

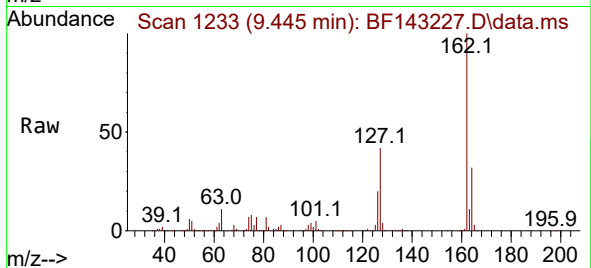
Acq: 24 Jul 2025 11:57

Instrument :

BNA_F

ClientSampleId :

PB168983BS



Tgt Ion: 162 Resp: 59662

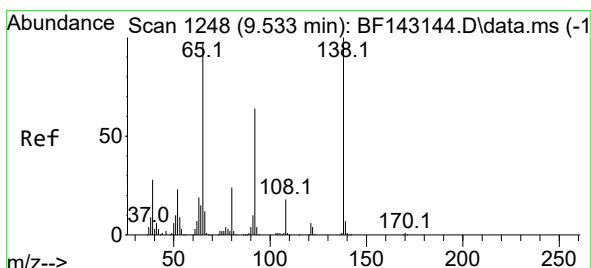
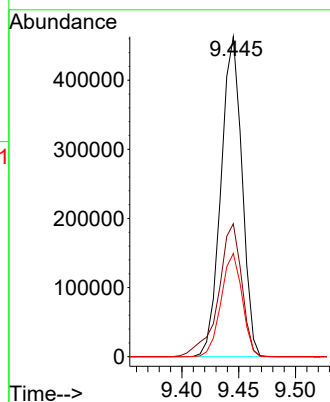
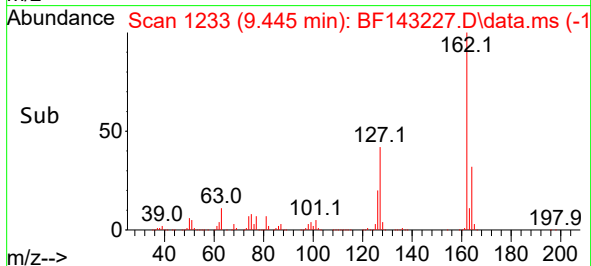
Ion	Ratio	Lower	Upper
162	100		
127	41.6	33.4	50.2
164	32.3	26.2	39.2

Manual Integrations

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Reviewed By :Rahul Chavli 07/25/2025

Supervised By :Jagrut Upadhyay 07/25/2025



#48

2-Nitroaniline

Concen: 47.225 ng

RT: 9.534 min Scan# 1248

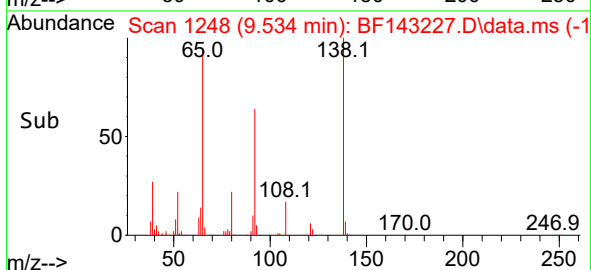
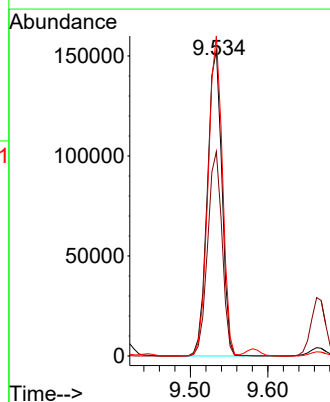
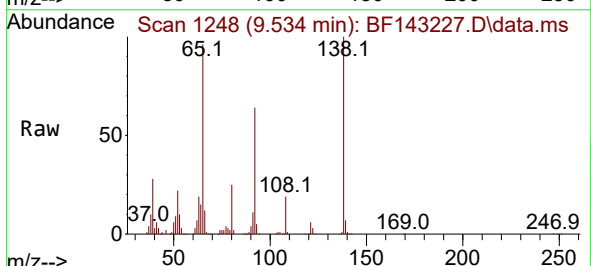
Delta R.T. 0.000 min

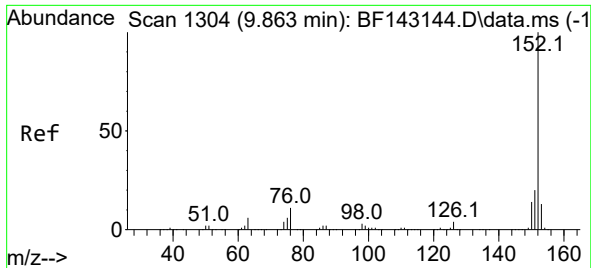
Lab File: BF143227.D

Acq: 24 Jul 2025 11:57

Tgt Ion: 65 Resp: 199467

Ion	Ratio	Lower	Upper
65	100		
92	66.8	52.4	78.6
138	104.6	82.3	123.5





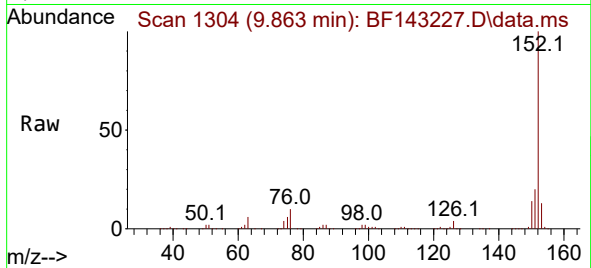
#49
Acenaphthylene
Concen: 44.589 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Instrument :

BNA_F

ClientSampleId :

PB168983BS



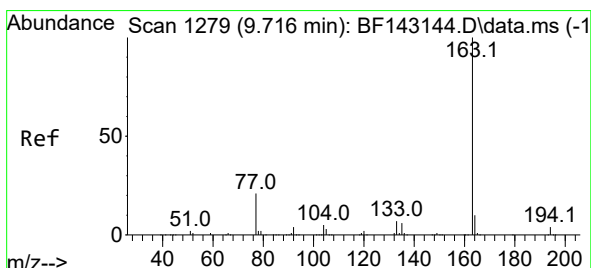
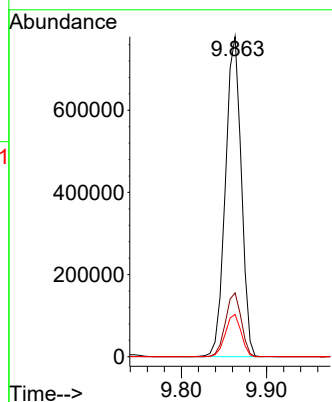
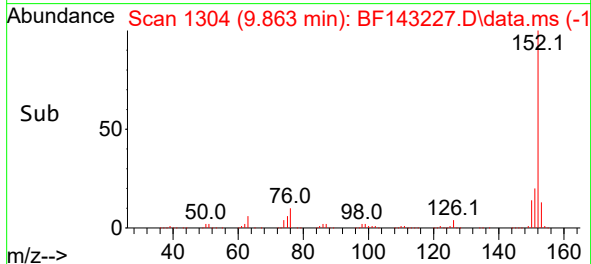
Tgt Ion:152 Resp: 100643
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 13.2 10.6 16.0

Manual Integrations

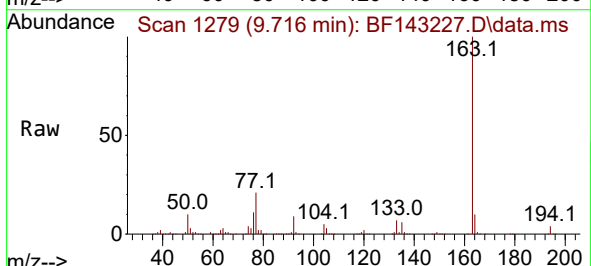
APPROVED

Reviewed By :Rahul Chavli 07/25/2025

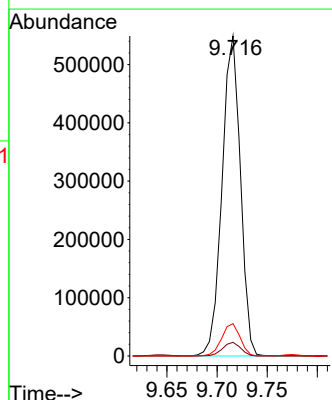
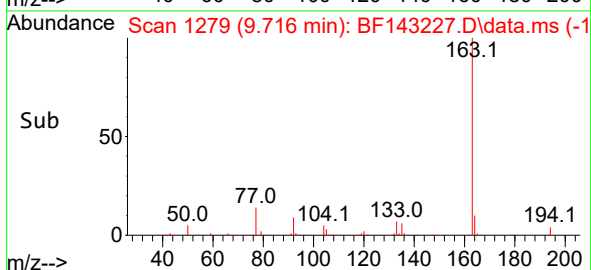
Supervised By :Jagrut Upadhyay 07/25/2025

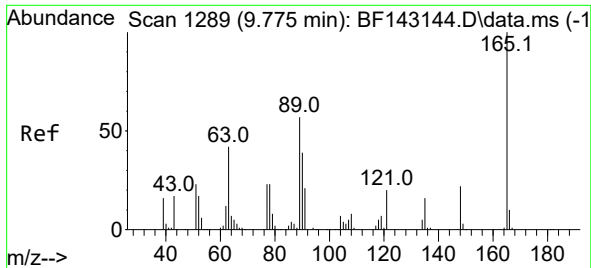


#50
Dimethylphthalate
Concen: 45.820 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57



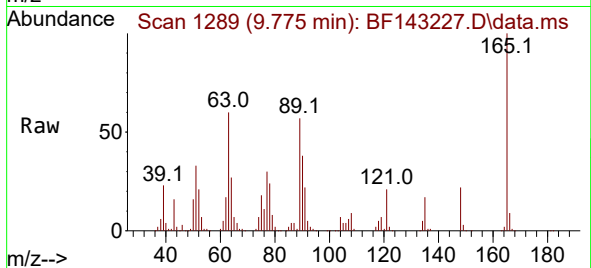
Tgt Ion:163 Resp: 696812
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.1 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 49.057 ng
RT: 9.775 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

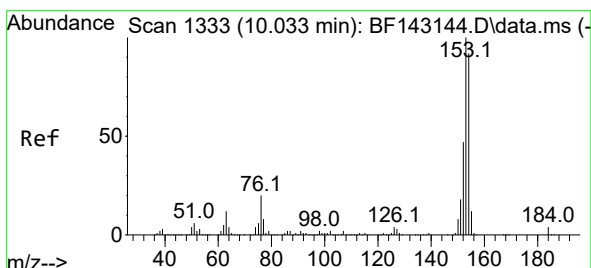
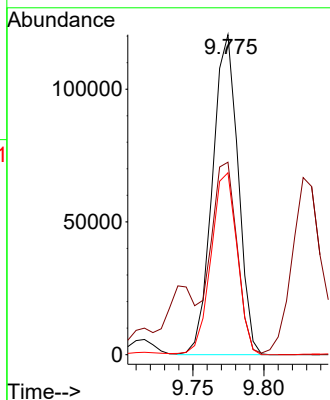
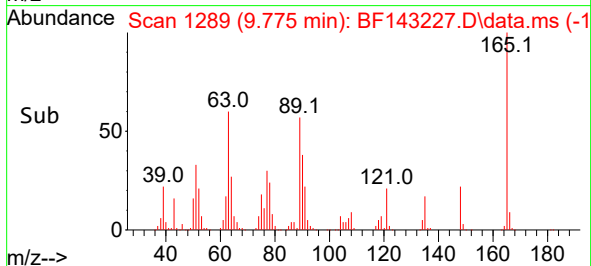
Instrument :
BNA_F
ClientSampleId :
PB168983BS



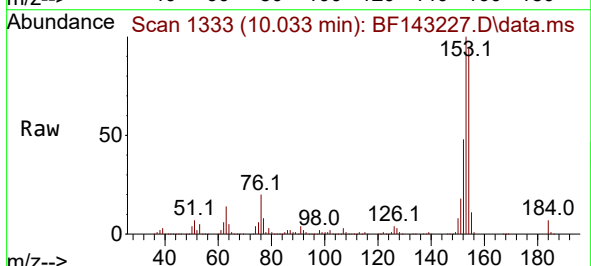
Tgt Ion:165 Resp: 151768
Ion Ratio Lower Upper
165 100
63 60.1 49.4 74.2
89 56.8 46.2 69.2

Manual Integrations
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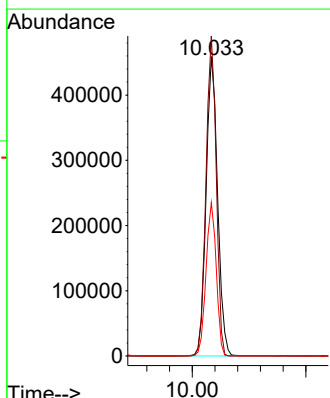
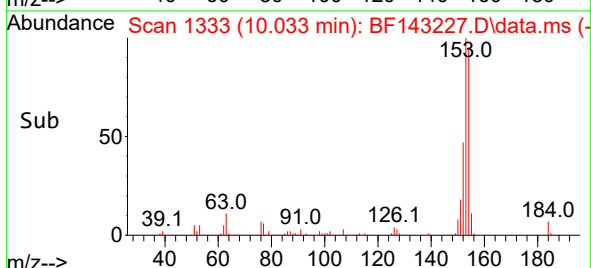
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025

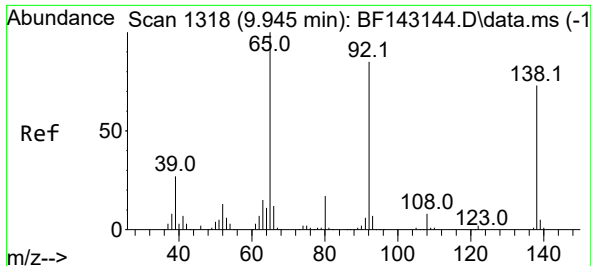


#52
Acenaphthene
Concen: 48.006 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57



Tgt Ion:154 Resp: 640438
Ion Ratio Lower Upper
154 100
153 106.9 86.6 129.8
152 51.2 40.4 60.6





#53
3-Nitroaniline
Concen: 25.283 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Instrument :

BNA_F

ClientSampleId :

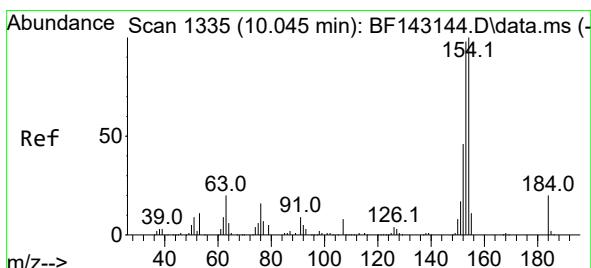
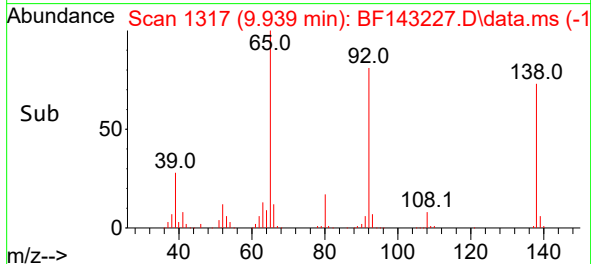
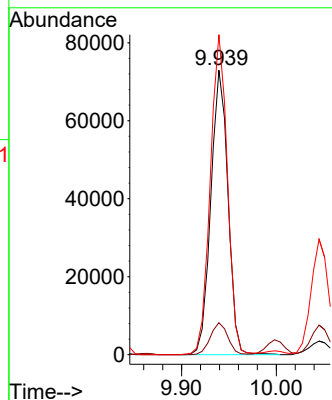
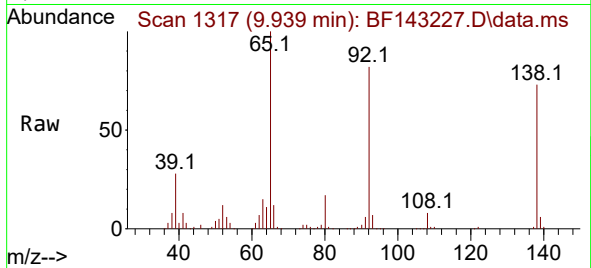
PB168983BS

Tgt Ion:138 Resp: 91490
Ion Ratio Lower Upper
138 100
108 11.3 9.0 13.6
92 112.5 93.0 139.4

Manual Integrations

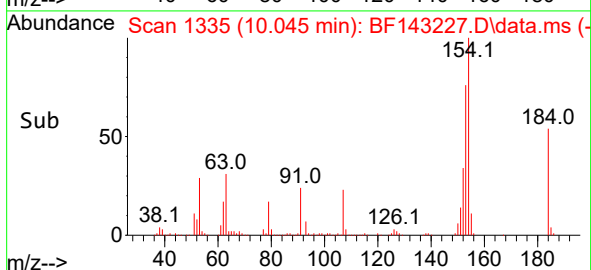
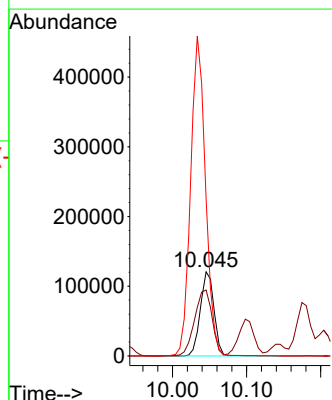
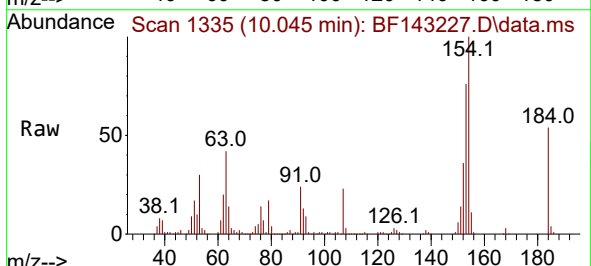
APPROVED

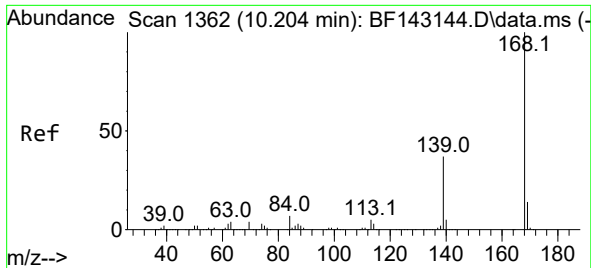
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025



#54
2,4-Dinitrophenol
Concen: 108.235 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

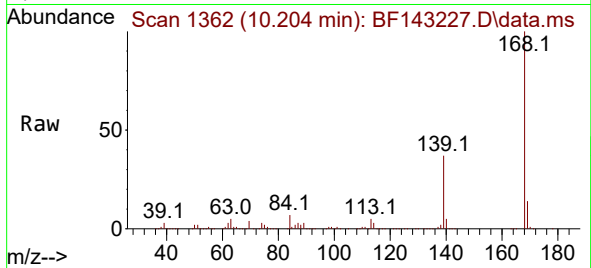
Tgt Ion:184 Resp: 155357
Ion Ratio Lower Upper
184 100
63 78.2 81.8 122.6#
154 186.4 412.2 618.4#





#55
Dibenzenofuran
Concen: 43.949 ng
RT: 10.204 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

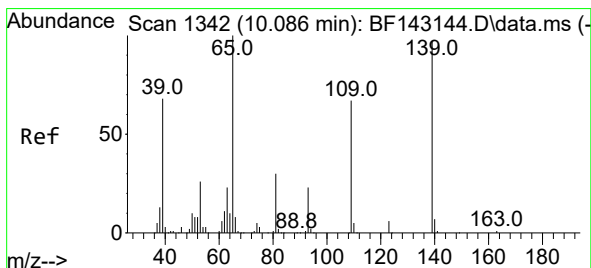
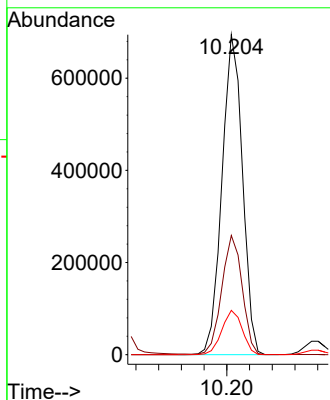
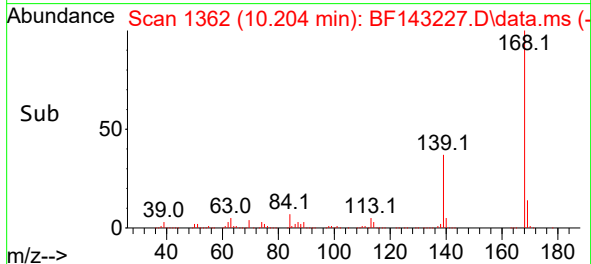
Instrument :
BNA_F
ClientSampleId :
PB168983BS



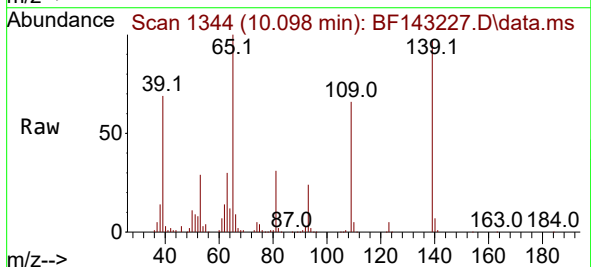
Tgt Ion:168 Resp: 870479
Ion Ratio Lower Upper
168 100
139 37.3 29.5 44.3
169 13.8 10.9 16.3

Manual Integrations
APPROVED

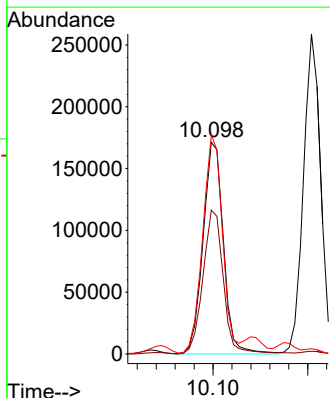
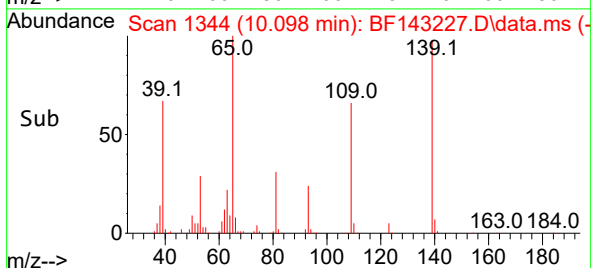
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025

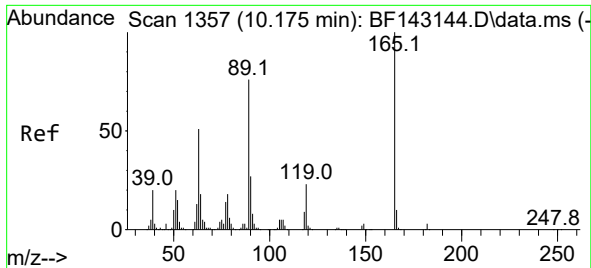


#56
4-Nitrophenol
Concen: 94.619 ng
RT: 10.098 min Scan# 1344
Delta R.T. 0.012 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57



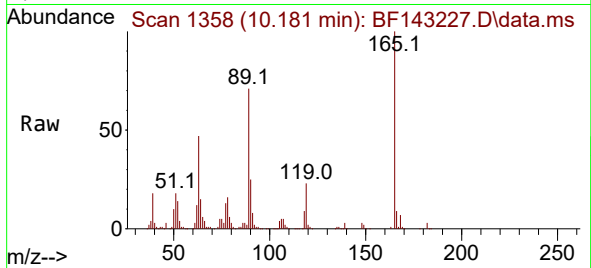
Tgt Ion:139 Resp: 255673
Ion Ratio Lower Upper
139 100
109 67.9 48.5 88.5
65 103.5 83.4 123.4





#57
2,4-Dinitrotoluene
Concen: 52.684 ng
RT: 10.181 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

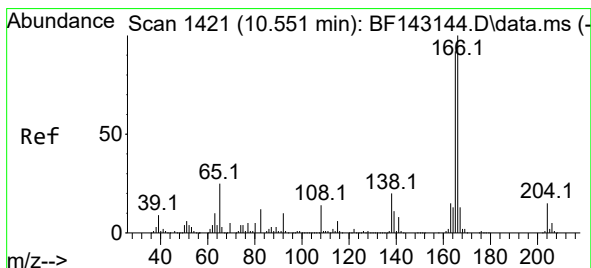
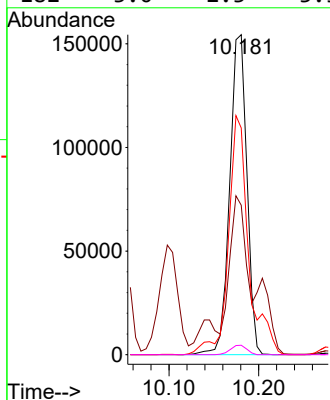
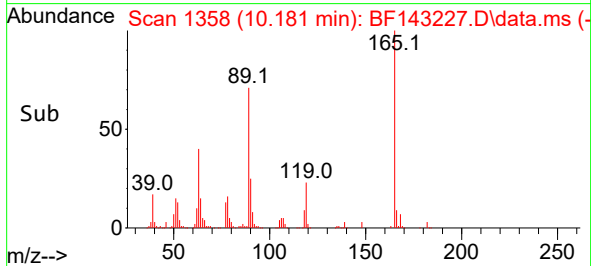
Instrument :
BNA_F
ClientSampleId :
PB168983BS



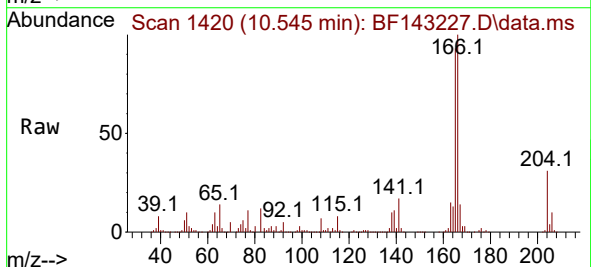
Tgt Ion:165 Resp: 204480
Ion Ratio Lower Upper
165 100
63 46.7 41.0 61.4
89 70.9 61.1 91.7
182 3.0 2.3 3.5

Manual Integrations
APPROVED

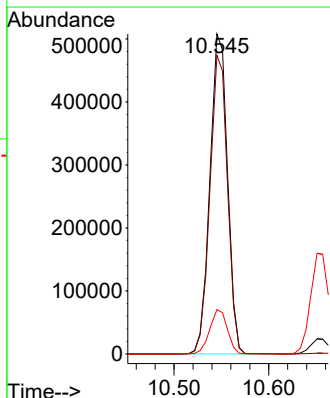
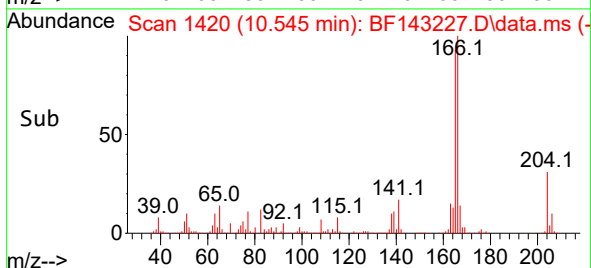
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025

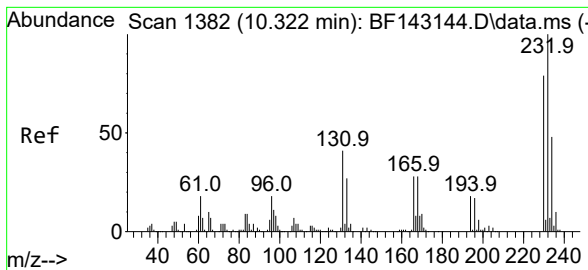


#58
Fluorene
Concen: 44.137 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57



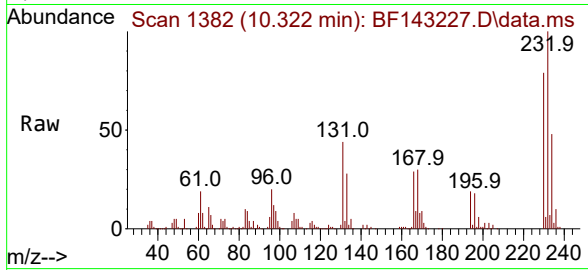
Tgt Ion:166 Resp: 656116
Ion Ratio Lower Upper
166 100
165 93.3 73.7 110.5
167 13.8 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.256 ng
RT: 10.322 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

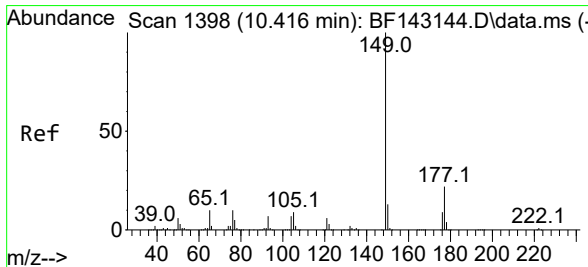
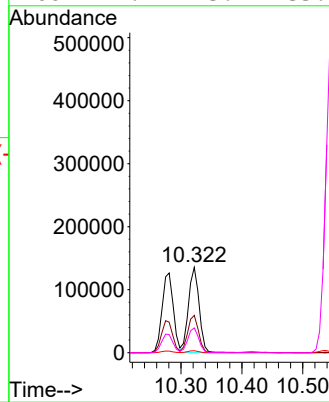
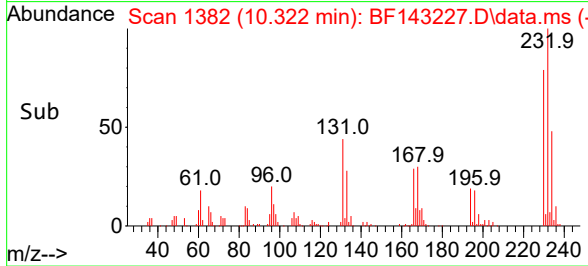
Instrument :
BNA_F
ClientSampleId :
PB168983BS



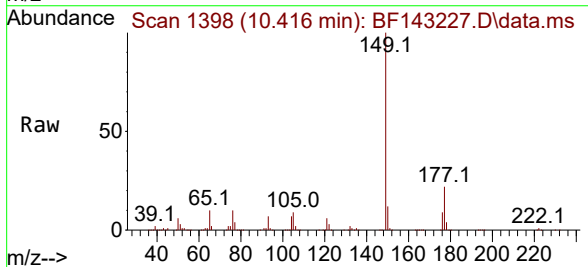
Tgt Ion:232 Resp: 167088
Ion Ratio Lower Upper
232 100
131 43.9 35.3 52.9
130 2.2 1.7 2.5
166 29.2 23.4 35.2

Manual Integrations
APPROVED

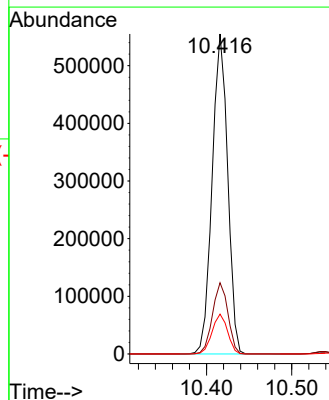
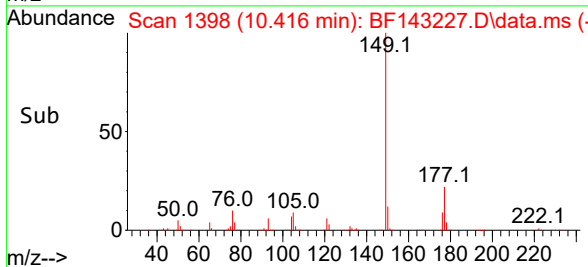
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025

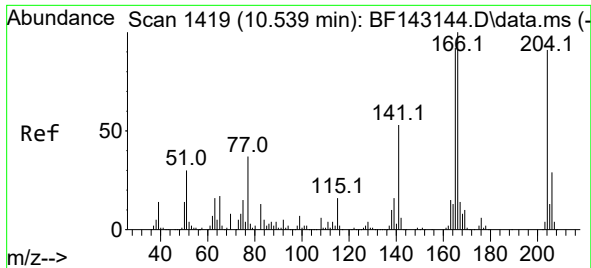


#60
Diethylphthalate
Concen: 46.704 ng
RT: 10.416 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57



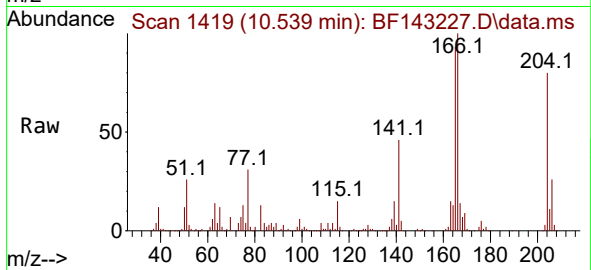
Tgt Ion:149 Resp: 702025
Ion Ratio Lower Upper
149 100
177 22.3 17.5 26.3
150 12.4 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 45.247 ng
RT: 10.539 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

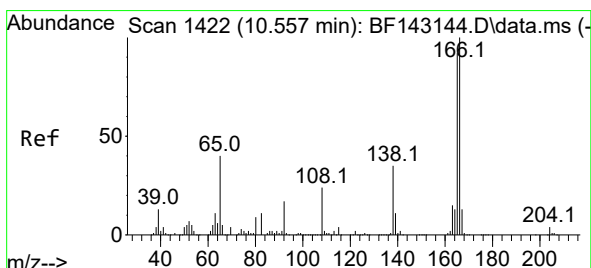
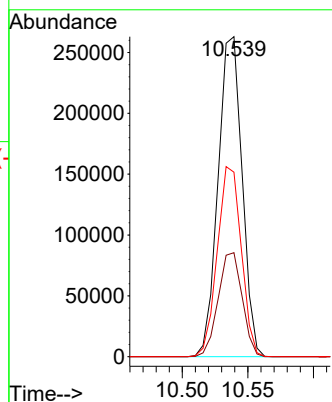
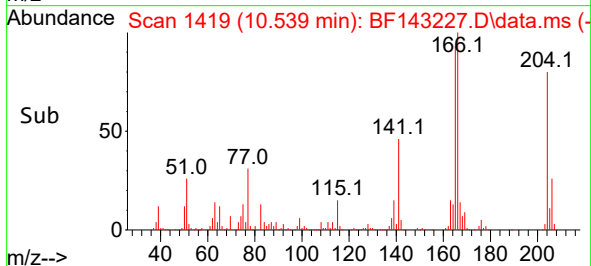
Instrument :
BNA_F
ClientSampleId :
PB168983BS



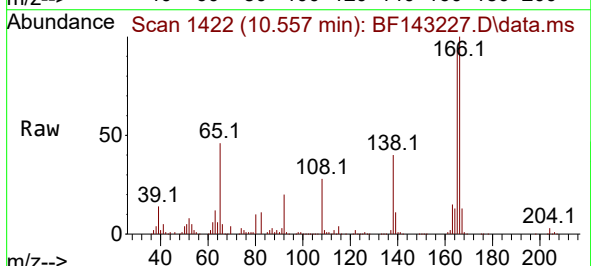
Tgt Ion:204 Resp: 334920
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.8
141 57.6 47.0 70.4

Manual Integrations
APPROVED

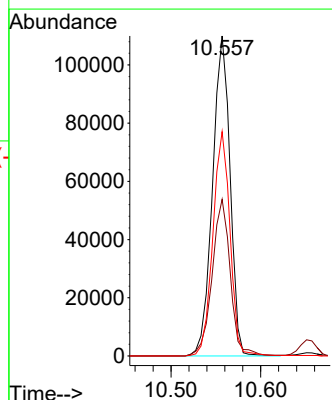
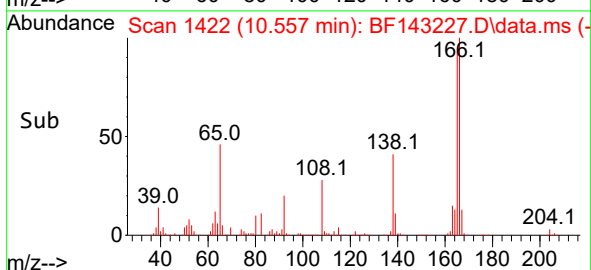
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025

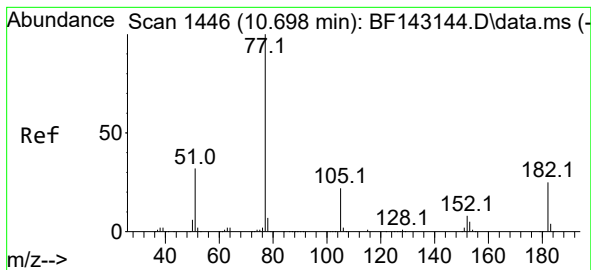


#62
4-Nitroaniline
Concen: 48.137 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57



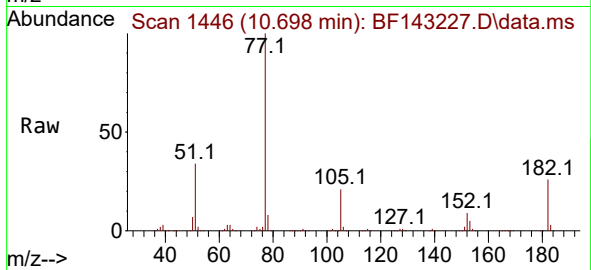
Tgt Ion:138 Resp: 149287
Ion Ratio Lower Upper
138 100
92 49.0 29.3 69.3
108 70.1 48.3 88.3





#63
Azobenzene
Concen: 44.074 ng
RT: 10.698 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

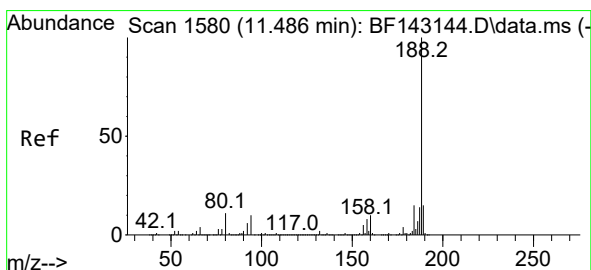
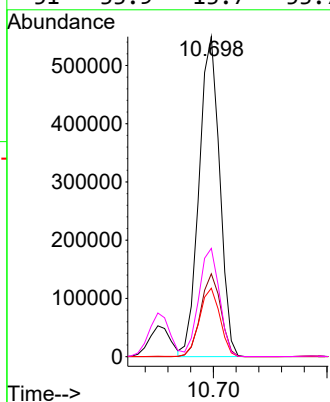
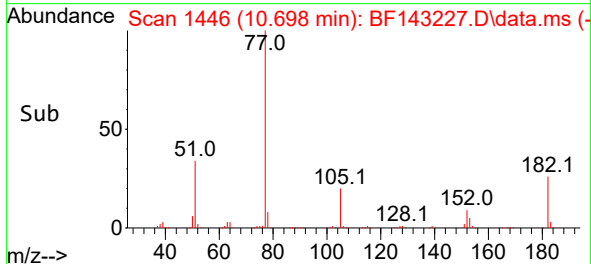
Instrument :
BNA_F
ClientSampleId :
PB168983BS



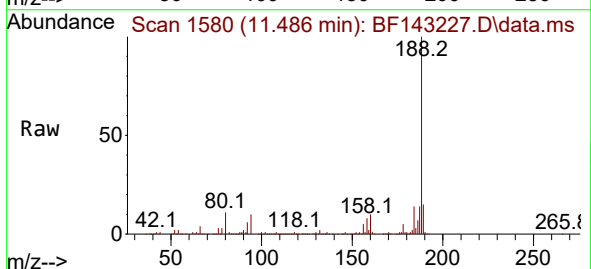
Tgt Ion: 77 Resp: 690470
Ion Ratio Lower Upper
77 100
182 25.9 4.6 44.6
105 21.4 1.4 41.4
51 33.9 13.7 53.7

Manual Integrations
APPROVED

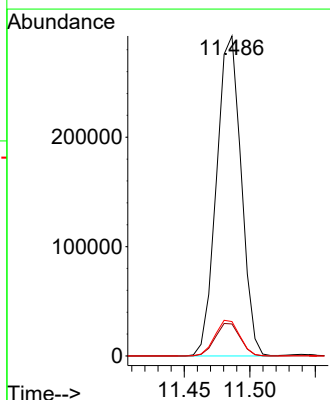
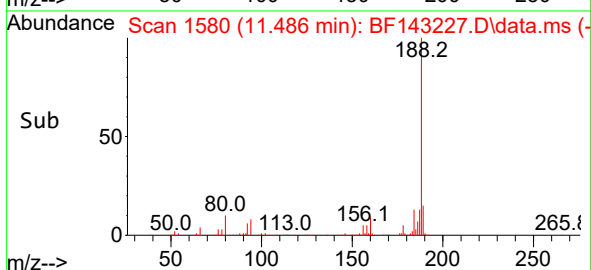
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025

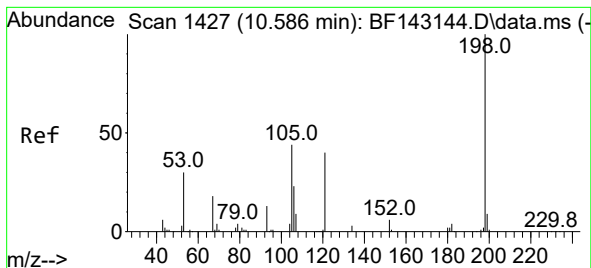


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57



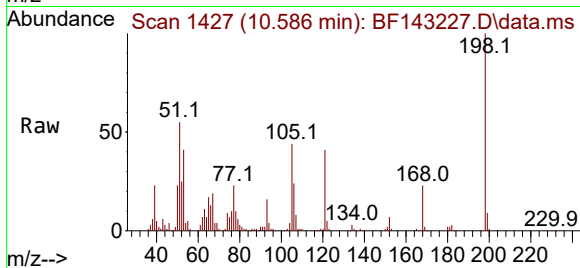
Tgt Ion:188 Resp: 382635
Ion Ratio Lower Upper
188 100
94 10.0 8.3 12.5
80 10.8 9.0 13.6





#65
4,6-Dinitro-2-methylphenol
Concen: 51.811 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

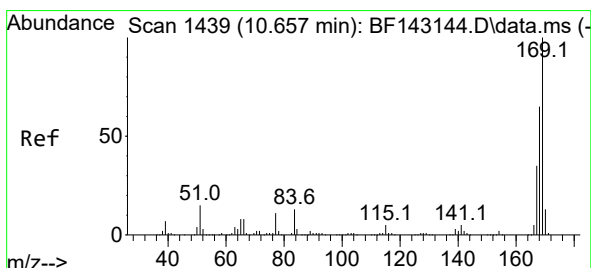
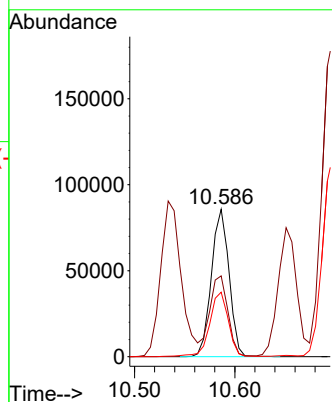
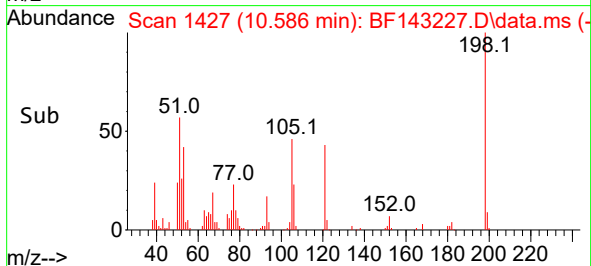
Instrument :
BNA_F
ClientSampleId :
PB168983BS



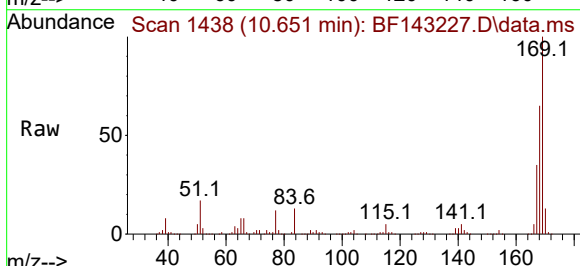
Tgt Ion:198 Resp: 104899
Ion Ratio Lower Upper
198 100
51 54.9 37.2 77.2
105 43.8 24.8 64.8

Manual Integrations
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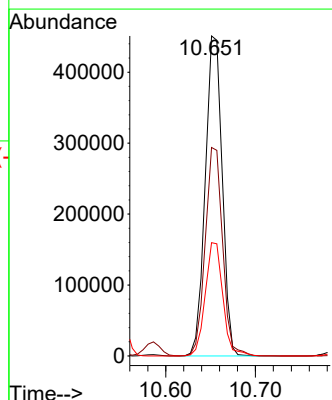
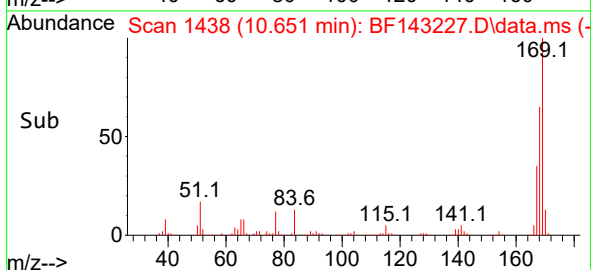
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025

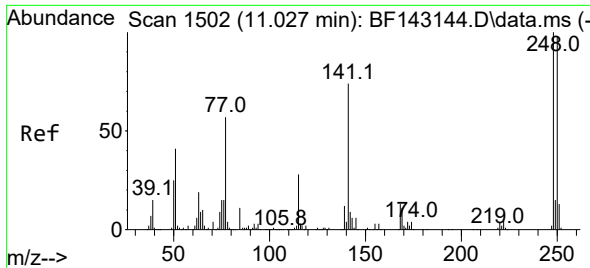


#66
n-Nitrosodiphenylamine
Concen: 43.950 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57



Tgt Ion:169 Resp: 592170
Ion Ratio Lower Upper
169 100
168 65.2 52.1 78.1
167 35.4 28.2 42.2





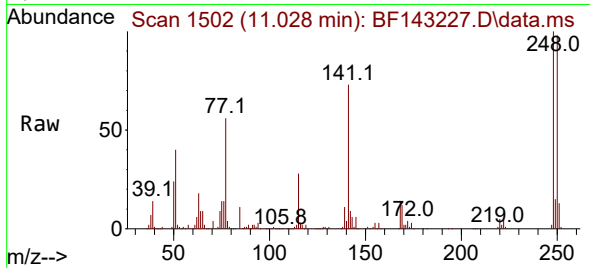
#67
4-Bromophenyl-phenylether
Concen: 44.599 ng
RT: 11.028 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Instrument :

BNA_F

ClientSampleId :

PB168983BS



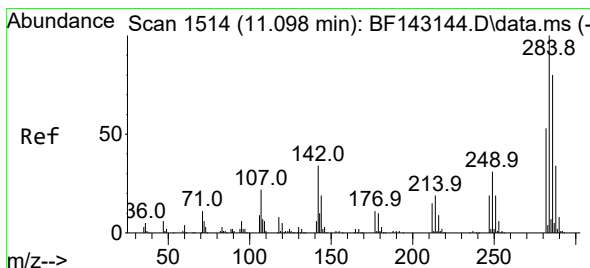
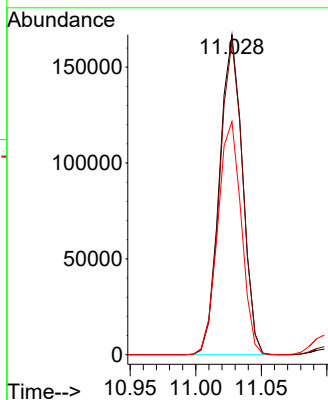
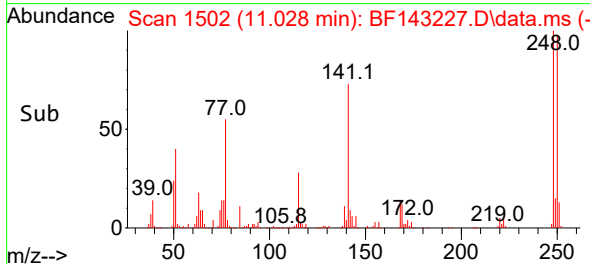
Tgt Ion:248 Resp: 203372
Ion Ratio Lower Upper
248 100
250 97.9 78.3 117.5
141 72.9 59.2 88.8

Manual Integrations

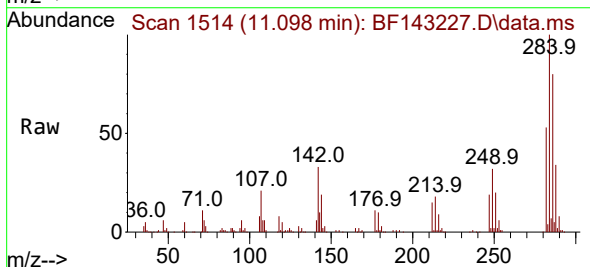
APPROVED

Reviewed By :Rahul Chavli 07/25/2025

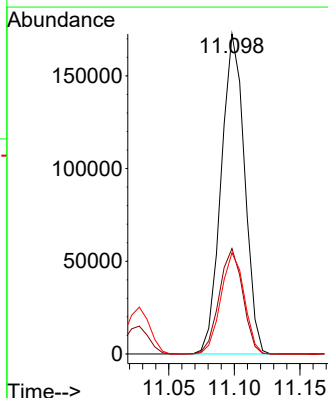
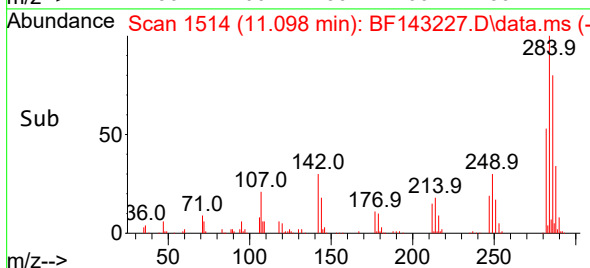
Supervised By :Jagrut Upadhyay 07/25/2025

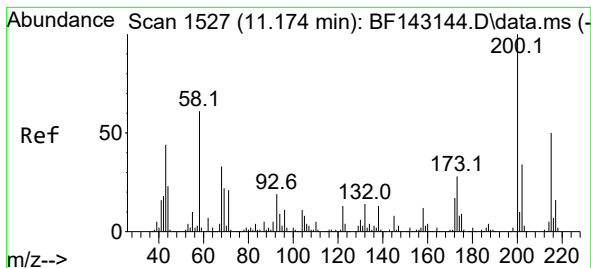


#68
Hexachlorobenzene
Concen: 44.942 ng
RT: 11.098 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57



Tgt Ion:284 Resp: 214202
Ion Ratio Lower Upper
284 100
142 33.0 27.0 40.6
249 31.6 25.0 37.6





#69

Atrazine

Concen: 49.733 ng

RT: 11.175 min Scan# 1527

Delta R.T. 0.000 min

Lab File: BF143227.D

Acq: 24 Jul 2025 11:57

Instrument :

BNA_F

ClientSampleId :

PB168983BS

Tgt Ion:200 Resp: 18473

Ion Ratio Lower Upper

200 100

173 28.2 7.9 47.9

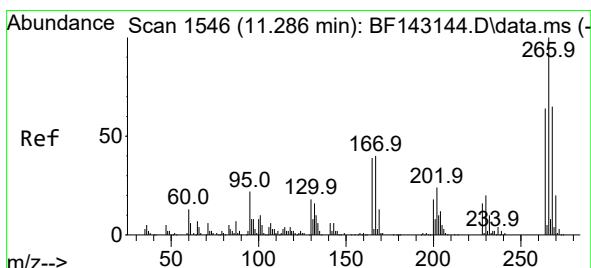
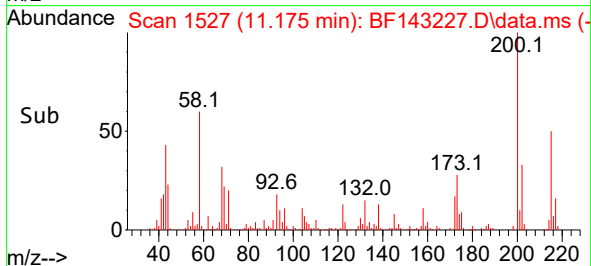
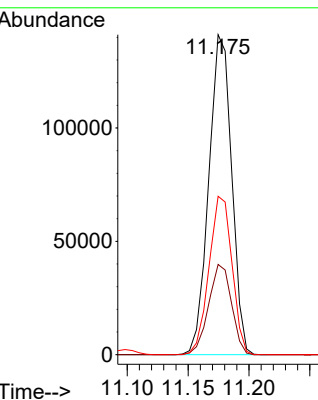
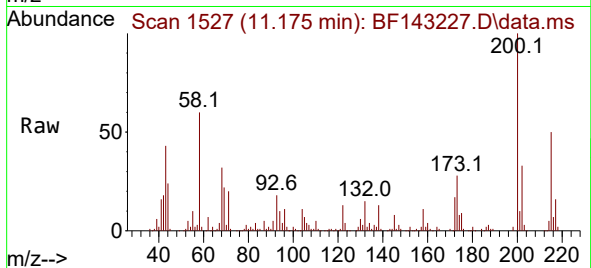
215 49.5 30.1 70.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/25/2025

Supervised By :Jagrut Upadhyay 07/25/2025



#70

Pentachlorophenol

Concen: 65.471 ng

RT: 11.286 min Scan# 1546

Delta R.T. 0.000 min

Lab File: BF143227.D

Acq: 24 Jul 2025 11:57

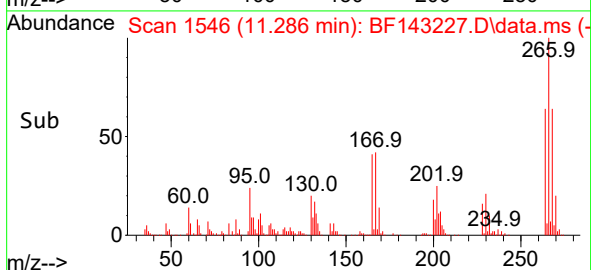
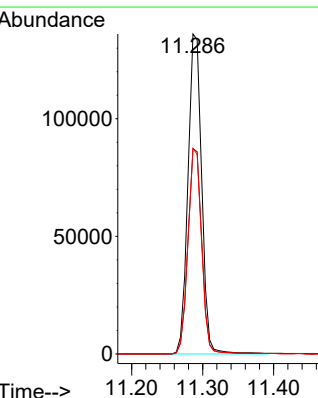
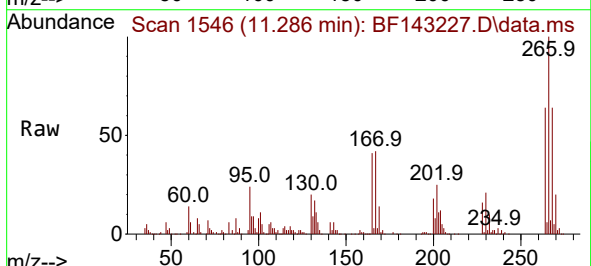
Tgt Ion:266 Resp: 183509

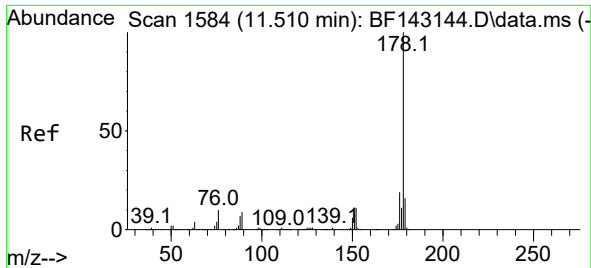
Ion Ratio Lower Upper

266 100

268 64.1 51.9 77.9

264 64.2 51.0 76.6





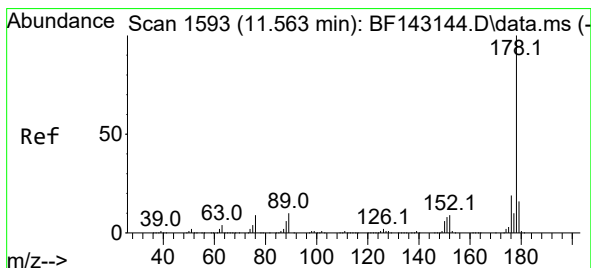
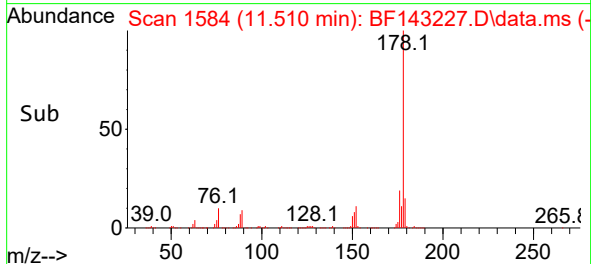
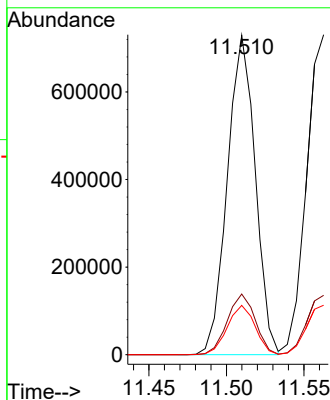
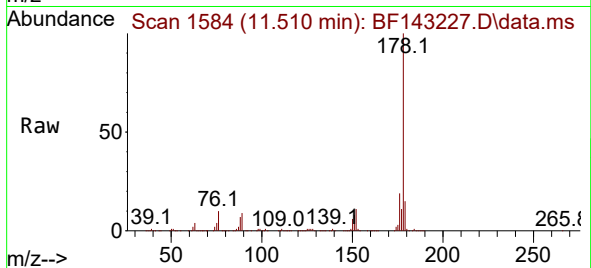
#71
Phenanthrene
Concen: 44.933 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Instrument :
BNA_F
ClientSampleId :
PB168983BS

Tgt Ion:178 Resp: 912890
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.4 12.5 18.7

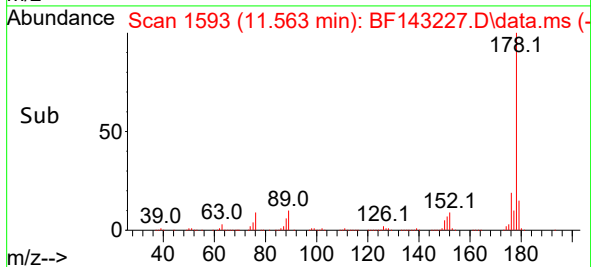
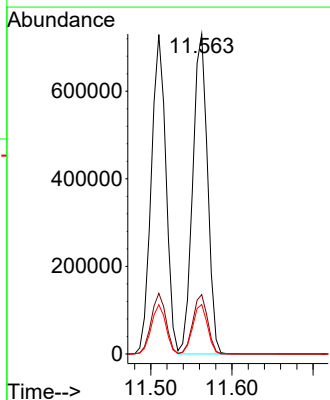
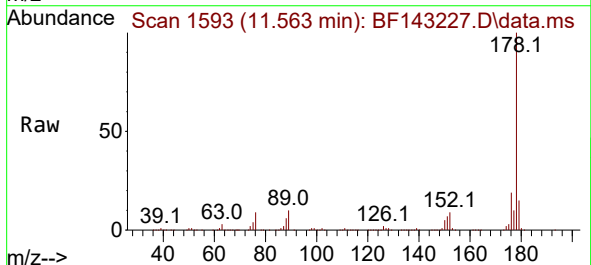
Manual Integrations
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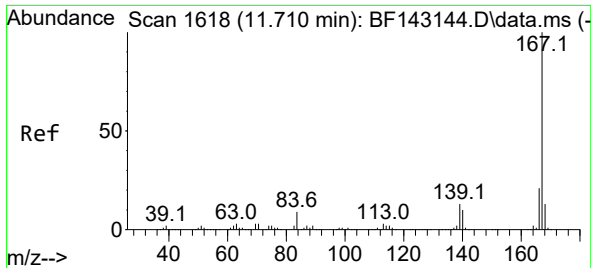
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025



#72
Anthracene
Concen: 44.639 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

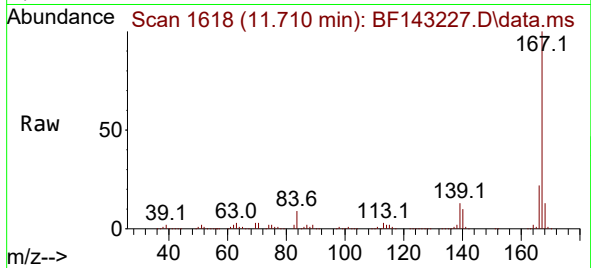
Tgt Ion:178 Resp: 924957
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.4 12.5 18.7





#73
 Carbazole
 Concen: 45.324 ng
 RT: 11.710 min Scan# 1618
 Delta R.T. 0.000 min
 Lab File: BF143227.D
 Acq: 24 Jul 2025 11:57

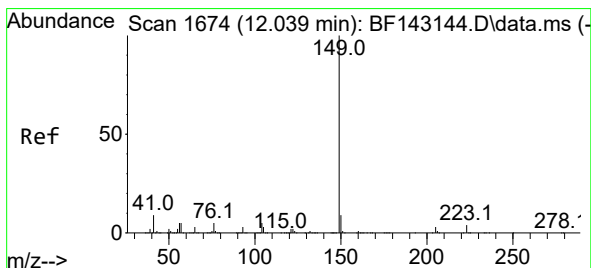
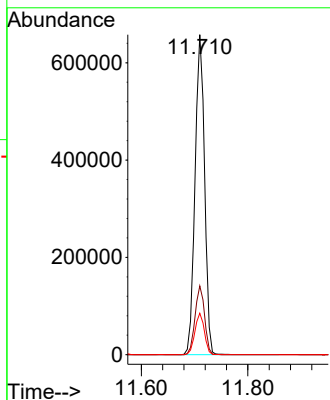
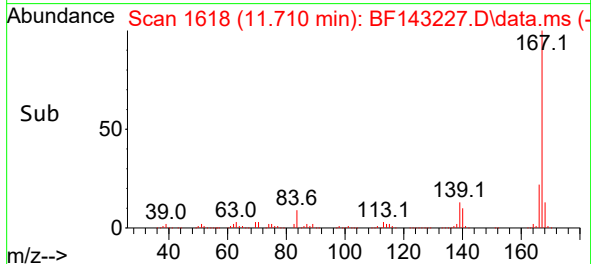
Instrument :
 BNA_F
 ClientSampleId :
 PB168983BS



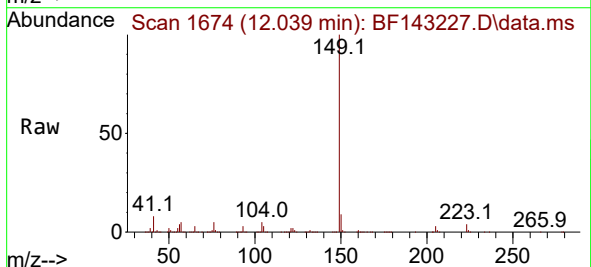
Tgt Ion:167 Resp: 82005
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.6
 139 12.9 10.0 15.0

Manual Integrations
 APPROVED

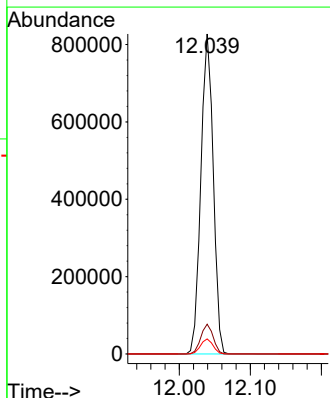
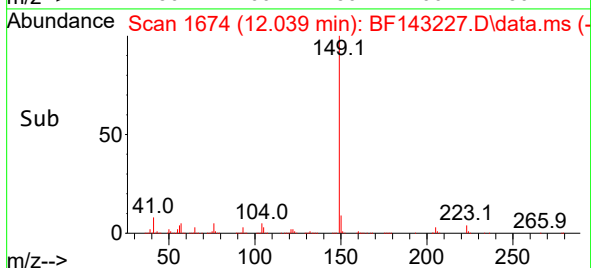
Reviewed By :Rahul Chavli 07/25/2025
 Supervised By :Jagrut Upadhyay 07/25/2025

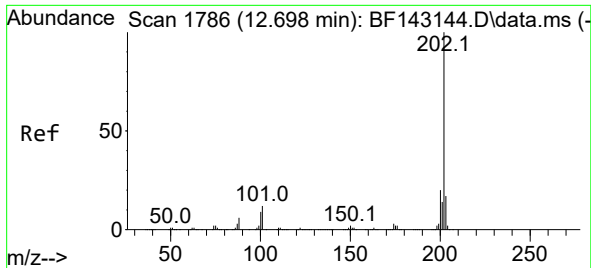


#74
 Di-n-butylphthalate
 Concen: 49.065 ng
 RT: 12.039 min Scan# 1674
 Delta R.T. 0.000 min
 Lab File: BF143227.D
 Acq: 24 Jul 2025 11:57



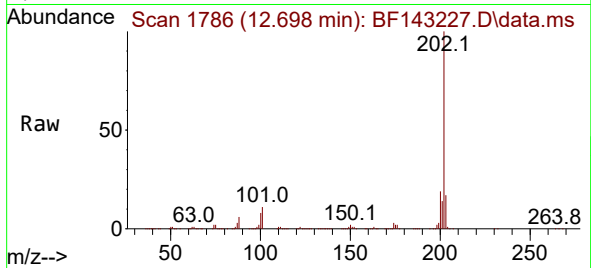
Tgt Ion:149 Resp: 1004485
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 4.7 3.8 5.8





#75
Fluoranthene
Concen: 47.752 ng
RT: 12.698 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

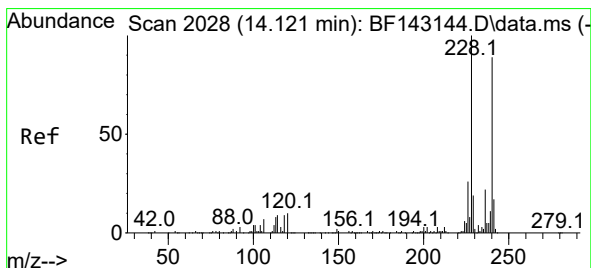
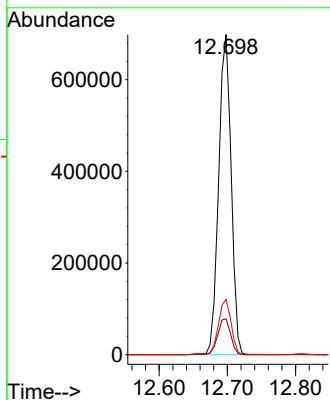
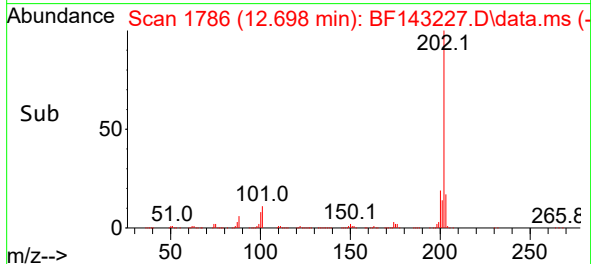
Instrument :
BNA_F
ClientSampleId :
PB168983BS



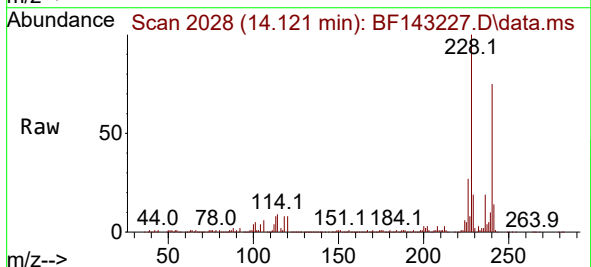
Tgt Ion:202 Resp: 89047
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.7
203 17.3 0.0 37.4

Manual Integrations
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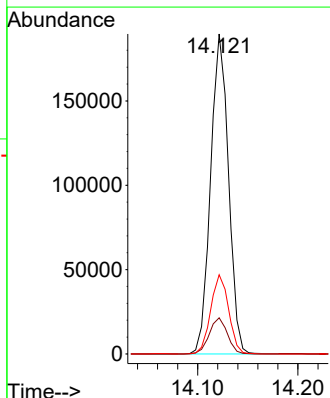
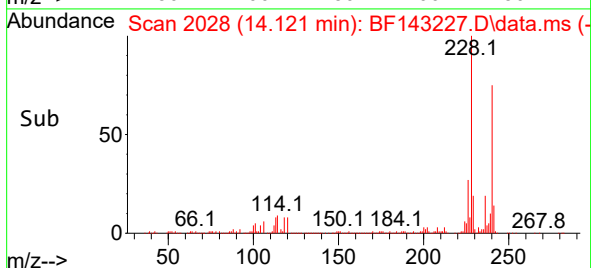
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025

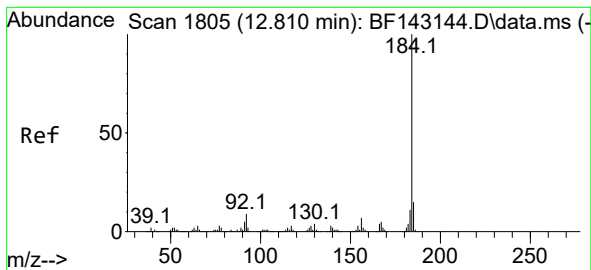


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57



Tgt Ion:240 Resp: 235441
Ion Ratio Lower Upper
240 100
120 11.3 9.4 14.2
236 24.7 20.2 30.4





#77

Benzidine

Concen: 39.449 ng

RT: 12.810 min Scan# 1805

Delta R.T. -0.000 min

Lab File: BF143227.D

Acq: 24 Jul 2025 11:57

Instrument :

BNA_F

ClientSampleId :

PB168983BS

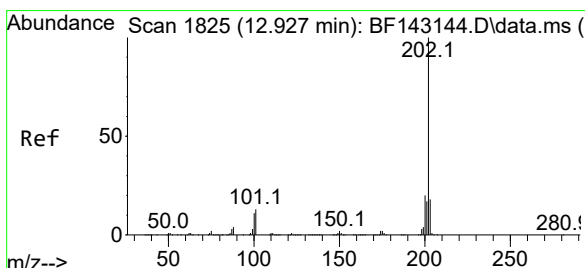
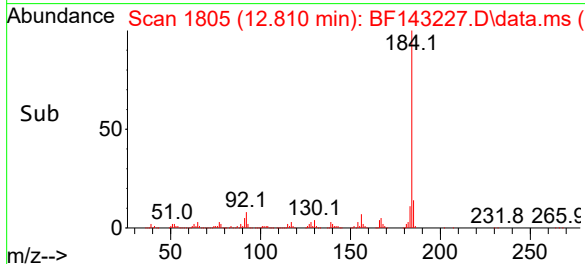
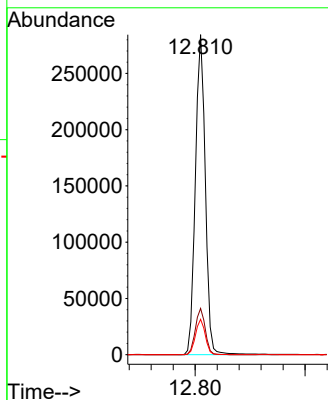
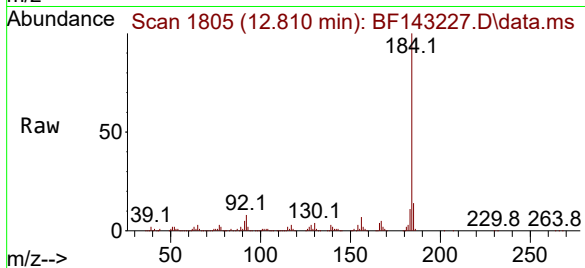
Tgt Ion:184	Resp: 35783
Ion Ratio	Lower Upper
184	100
185	14.4 12.2 18.4
183	11.0 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/25/2025

Supervised By :Jagrut Upadhyay 07/25/2025



#78

Pyrene

Concen: 43.679 ng

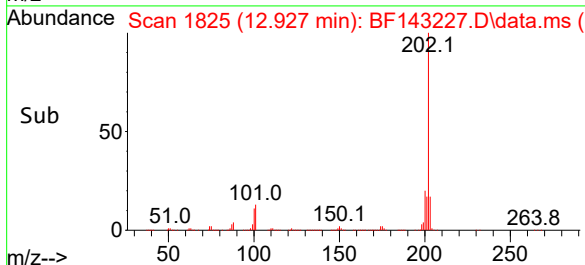
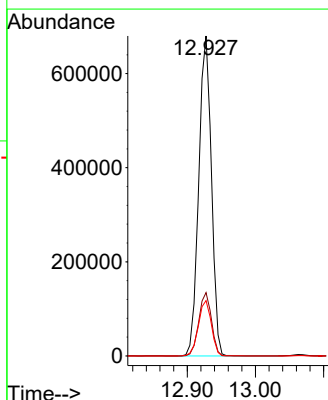
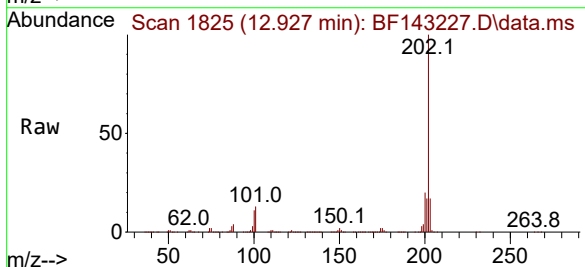
RT: 12.927 min Scan# 1825

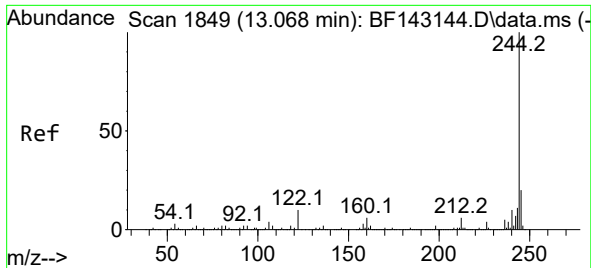
Delta R.T. 0.000 min

Lab File: BF143227.D

Acq: 24 Jul 2025 11:57

Tgt Ion:202	Resp: 877671
Ion Ratio	Lower Upper
202	100
200	19.8 15.7 23.5
203	17.3 14.2 21.2





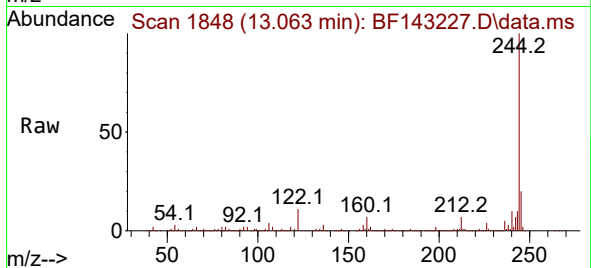
#79
 Terphenyl-d14
 Concen: 75.079 ng
 RT: 13.063 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF143227.D
 Acq: 24 Jul 2025 11:57

Instrument :

BNA_F

ClientSampleId :

PB168983BS



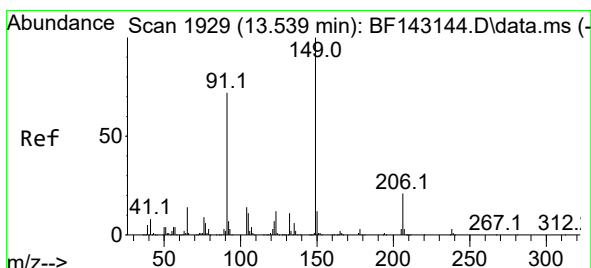
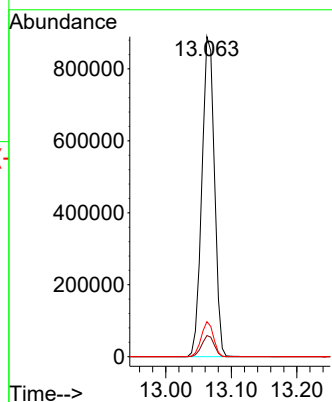
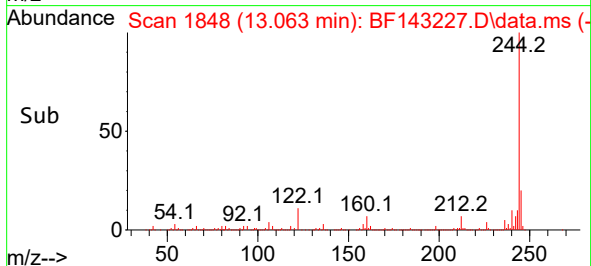
Tgt Ion:244 Resp: 1187870
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.2 7.8
 122 10.9 8.2 12.2

Manual Integrations

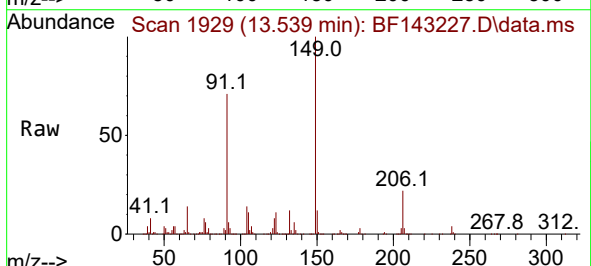
APPROVED

Reviewed By :Rahul Chavli 07/25/2025

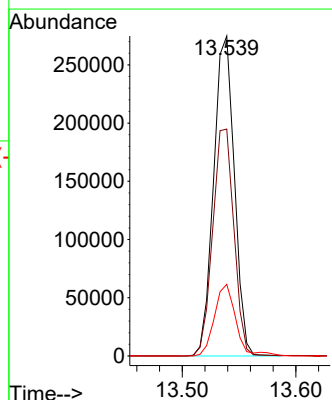
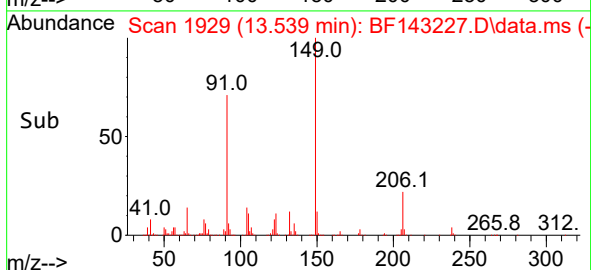
Supervised By :Jagrut Upadhyay 07/25/2025

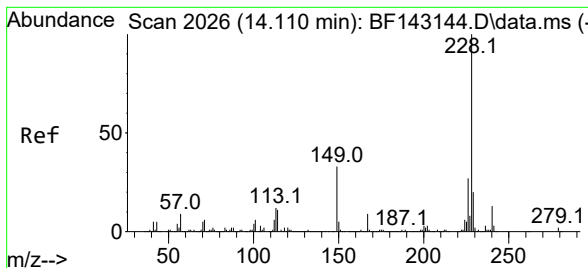


#80
 Butylbenzylphthalate
 Concen: 56.755 ng
 RT: 13.539 min Scan# 1929
 Delta R.T. 0.000 min
 Lab File: BF143227.D
 Acq: 24 Jul 2025 11:57



Tgt Ion:149 Resp: 349214
 Ion Ratio Lower Upper
 149 100
 91 70.9 57.9 86.9
 206 22.4 17.0 25.4





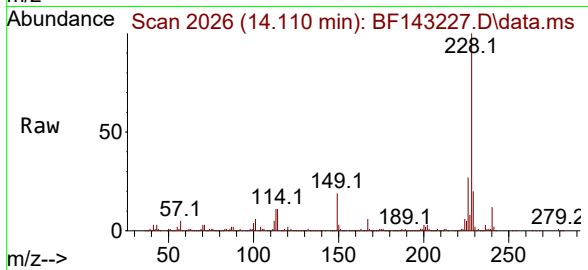
#81
Benzo(a)anthracene
Concen: 45.177 ng
RT: 14.110 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Instrument :

BNA_F

ClientSampleId :

PB168983BS



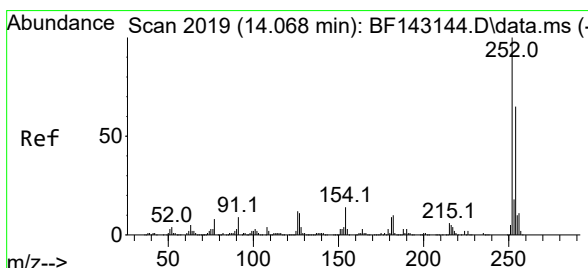
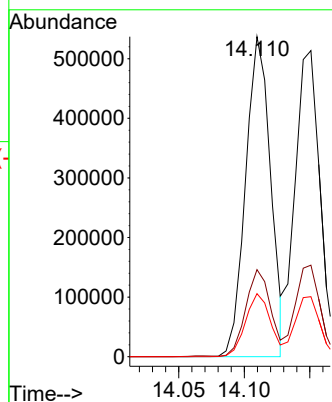
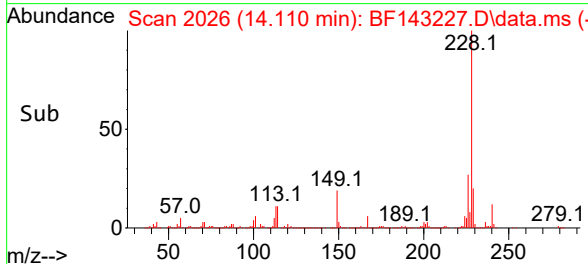
Tgt Ion:228 Resp: 712109
Ion Ratio Lower Upper
228 100
226 27.2 21.7 32.5
229 19.7 15.8 23.6

Manual Integrations

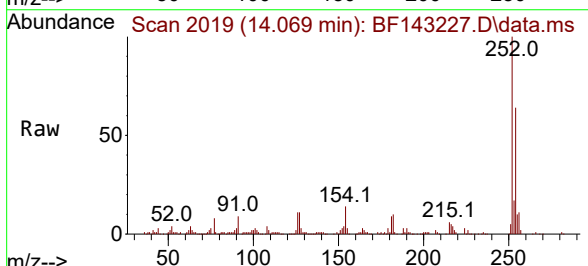
APPROVED

Reviewed By :Rahul Chavli 07/25/2025

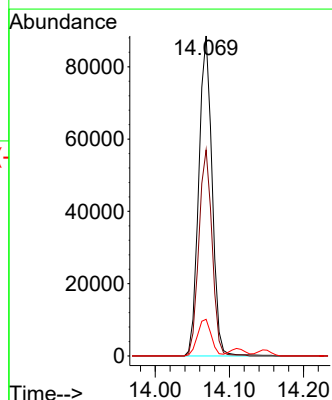
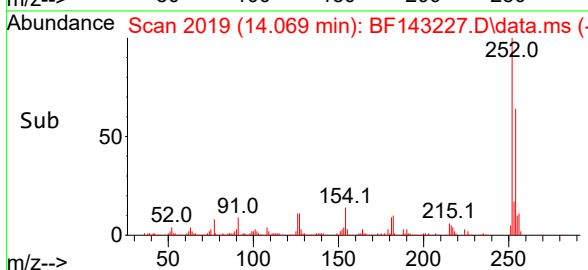
Supervised By :Jagrut Upadhyay 07/25/2025

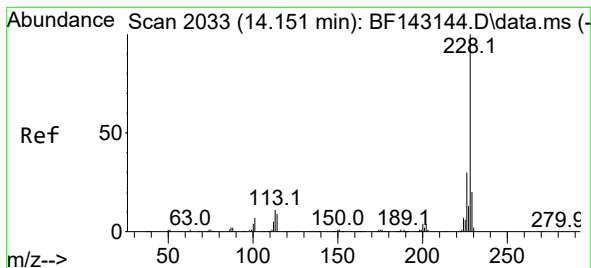


#82
3,3'-Dichlorobenzidine
Concen: 21.061 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57



Tgt Ion:252 Resp: 110645
Ion Ratio Lower Upper
252 100
254 64.4 51.7 77.5
126 11.5 9.4 14.0





#83

Chrysene

Concen: 47.453 ng

RT: 14.151 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF143227.D

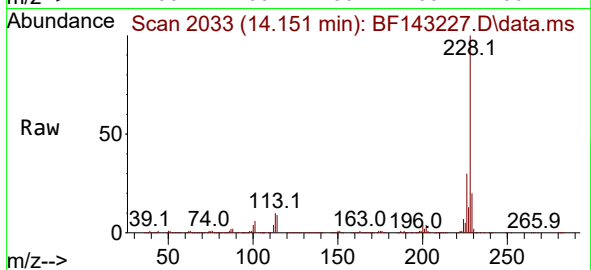
Acq: 24 Jul 2025 11:57

Instrument :

BNA_F

ClientSampleId :

PB168983BS



Tgt Ion:228 Resp: 672510

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.8

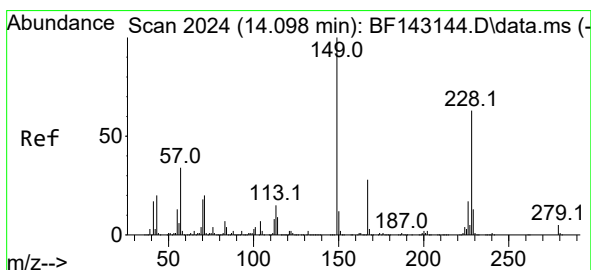
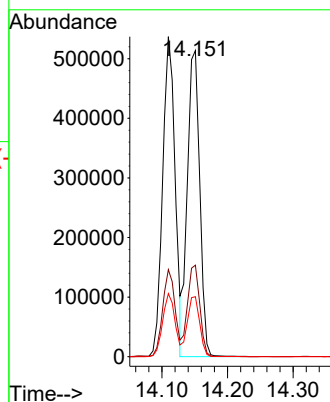
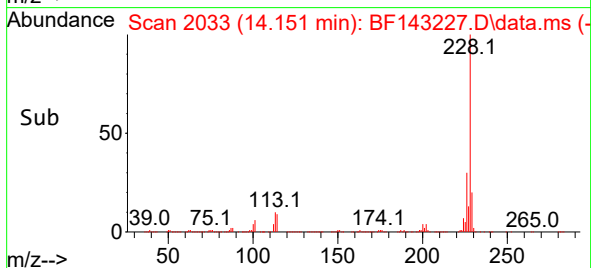
229 19.6 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/25/2025

Supervised By :Jagrut Upadhyay 07/25/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.612 ng

RT: 14.098 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF143227.D

Acq: 24 Jul 2025 11:57

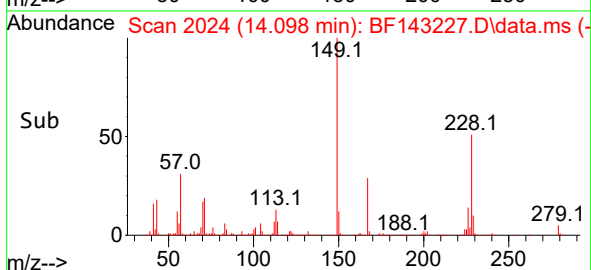
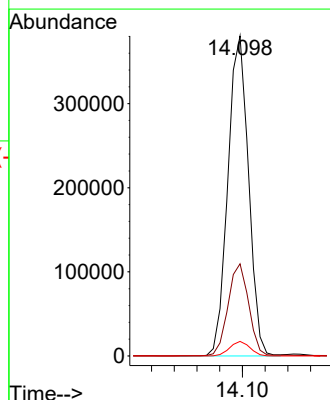
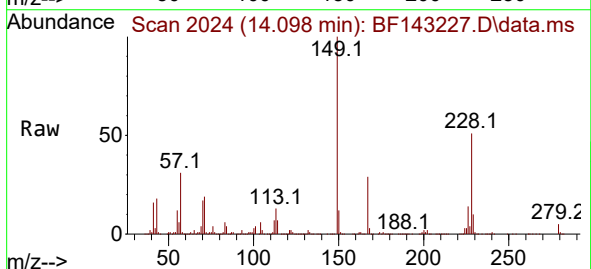
Tgt Ion:149 Resp: 480670

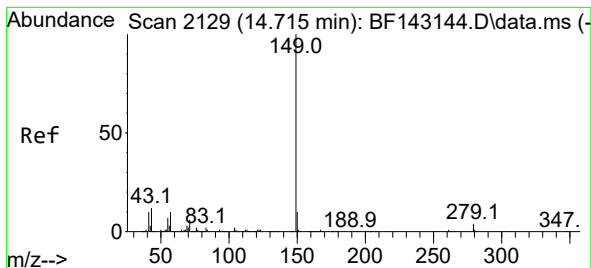
Ion Ratio Lower Upper

149 100

167 28.8 22.3 33.5

279 4.5 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 49.577 ng

RT: 14.710 min Scan# 2129

Delta R.T. -0.006 min

Lab File: BF143227.D

Acq: 24 Jul 2025 11:57

Instrument :

BNA_F

ClientSampleId :

PB168983BS

Tgt Ion:149 Resp: 83692

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

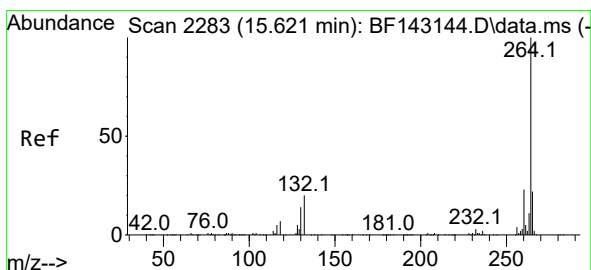
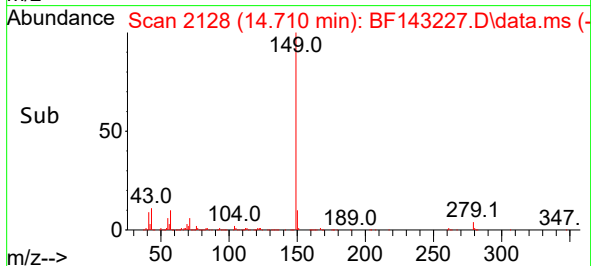
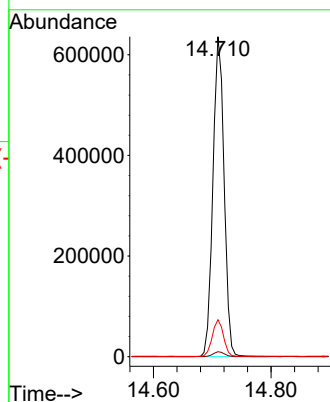
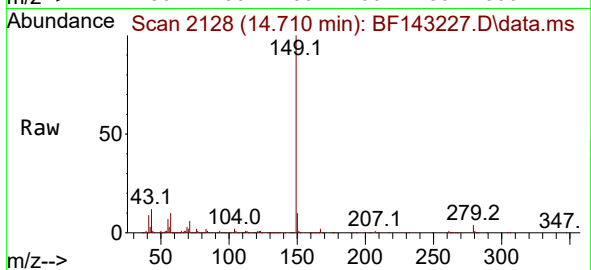
43 11.5 9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/25/2025

Supervised By :Jagrut Upadhyay 07/25/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.621 min Scan# 2283

Delta R.T. 0.000 min

Lab File: BF143227.D

Acq: 24 Jul 2025 11:57

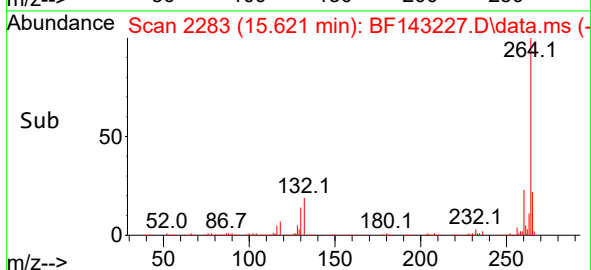
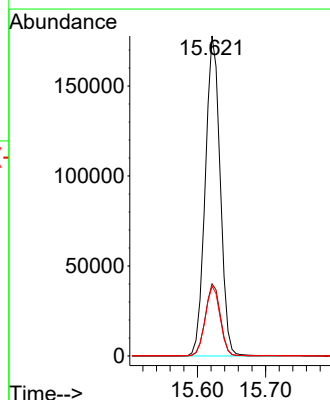
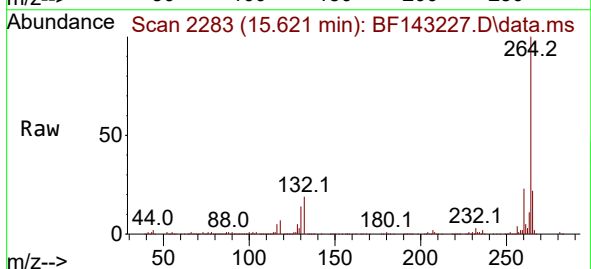
Tgt Ion:264 Resp: 270750

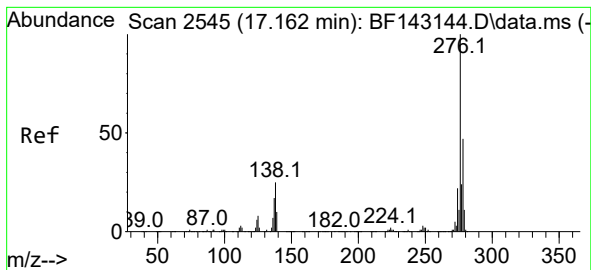
Ion Ratio Lower Upper

264 100

260 22.6 18.5 27.7

265 21.7 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.488 ng

RT: 17.168 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF143227.D

Acq: 24 Jul 2025 11:57

Instrument :

BNA_F

ClientSampleId :

PB168983BS

Tgt Ion:276 Resp: 88752

Ion Ratio Lower Upper

276 100

138 25.6 21.8 32.6

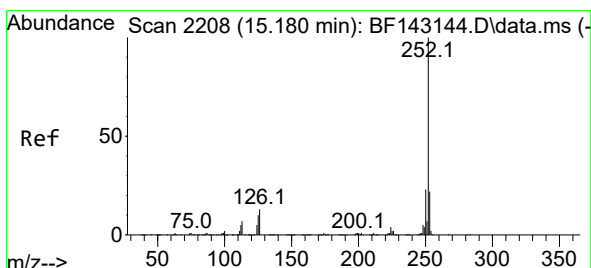
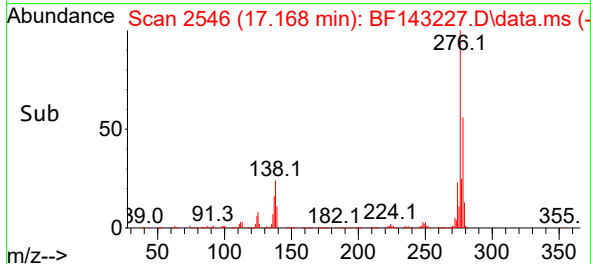
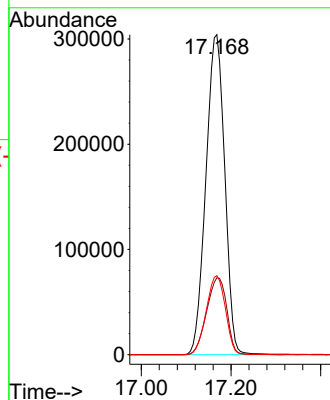
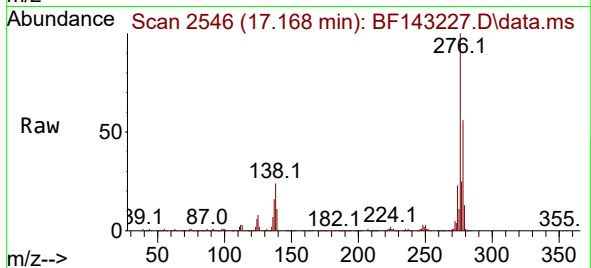
277 25.2 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/25/2025

Supervised By :Jagrut Upadhyay 07/25/2025



#88

Benzo(b)fluoranthene

Concen: 48.409 ng

RT: 15.180 min Scan# 2208

Delta R.T. 0.000 min

Lab File: BF143227.D

Acq: 24 Jul 2025 11:57

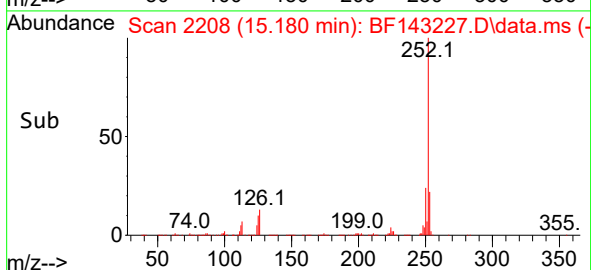
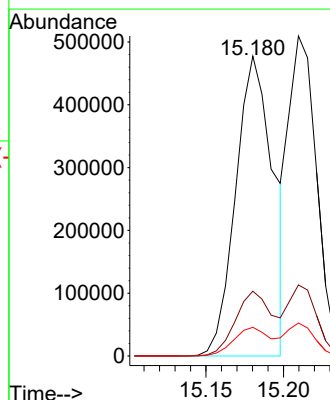
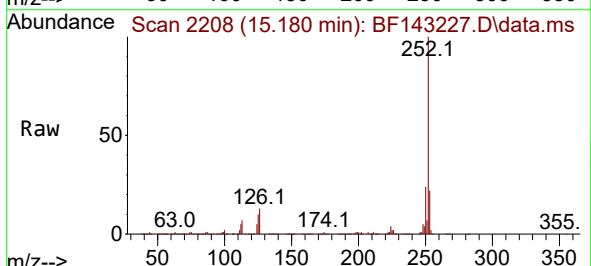
Tgt Ion:252 Resp: 800706

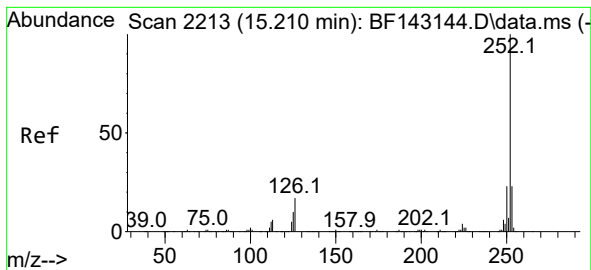
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 9.6 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 43.569 ng

RT: 15.210 min Scan# 2213

Delta R.T. 0.000 min

Lab File: BF143227.D

Acq: 24 Jul 2025 11:57

Instrument :

BNA_F

ClientSampleId :

PB168983BS

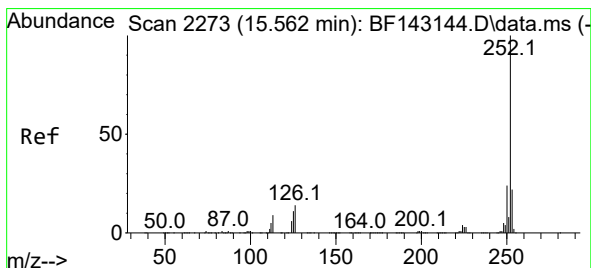
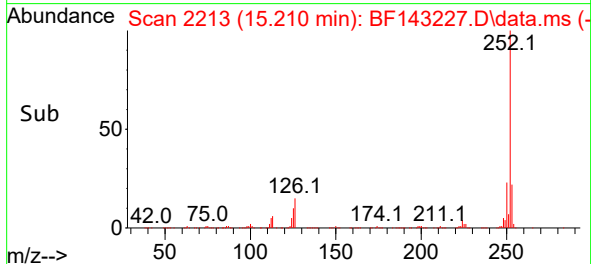
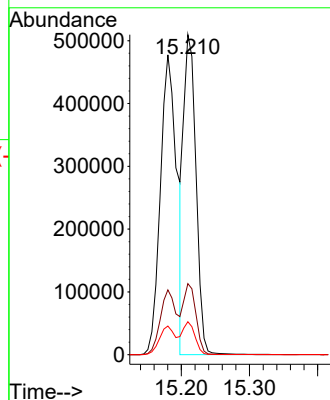
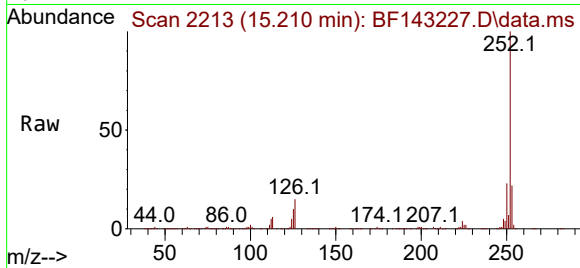
Tgt Ion:252 Resp: 643075
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.8 26.6
 125 10.3 8.1 12.1

Manual Integrations

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Reviewed By :Rahul Chavli 07/25/2025

Supervised By :Jagrut Upadhyay 07/25/2025



#90

Benzo(a)pyrene

Concen: 47.030 ng

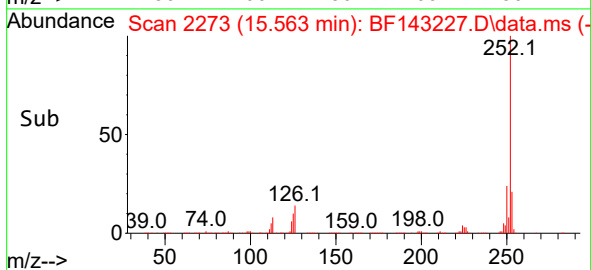
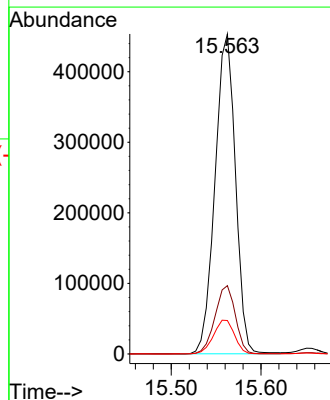
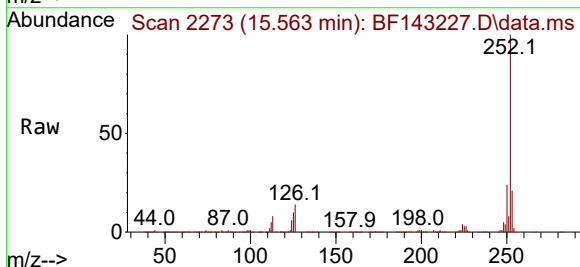
RT: 15.563 min Scan# 2273

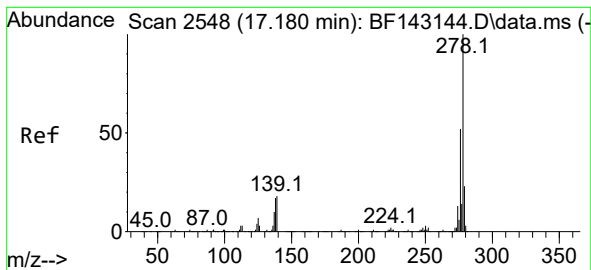
Delta R.T. 0.000 min

Lab File: BF143227.D

Acq: 24 Jul 2025 11:57

Tgt Ion:252 Resp: 716707
 Ion Ratio Lower Upper
 252 100
 253 21.4 17.3 25.9
 125 10.5 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 46.006 ng

RT: 17.186 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF143227.D

Acq: 24 Jul 2025 11:57

Instrument :

BNA_F

ClientSampleId :

PB168983BS

Tgt Ion:278 Resp: 71489

Ion Ratio Lower Upper

278 100

139 16.7 14.1 21.1

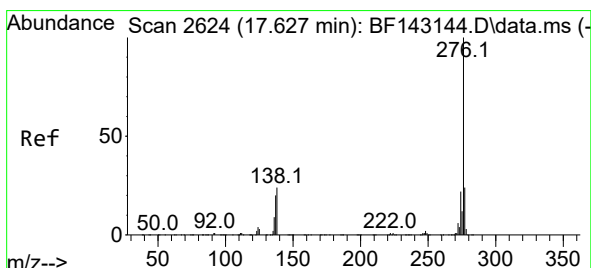
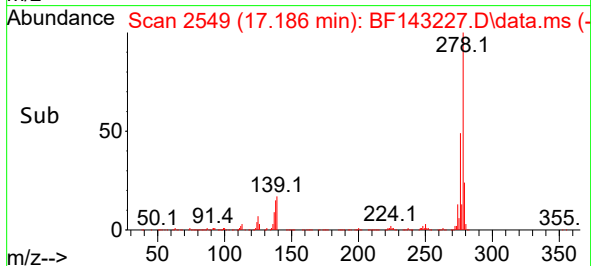
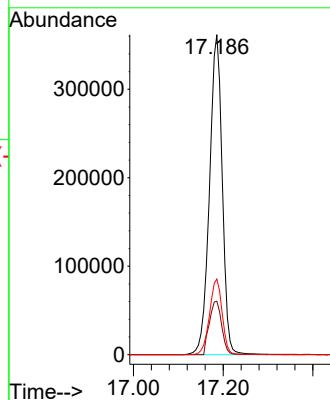
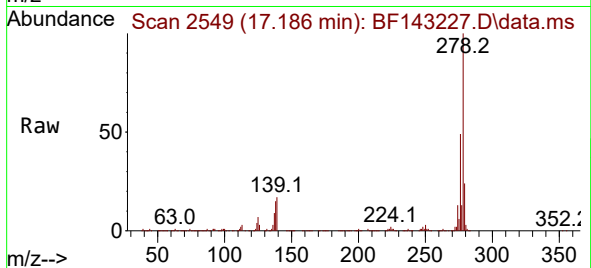
279 23.6 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/25/2025

Supervised By :Jagrut Upadhyay 07/25/2025



#92

Benzo(g,h,i)perylene

Concen: 47.309 ng

RT: 17.633 min Scan# 2625

Delta R.T. 0.006 min

Lab File: BF143227.D

Acq: 24 Jul 2025 11:57

Tgt Ion:276 Resp: 711130

Ion Ratio Lower Upper

276 100

277 24.3 19.1 28.7

138 22.8 18.9 28.3

