

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
 Data File : BF143571.D
 Acq On : 22 Aug 2025 14:27
 Operator : RC/JU
 Sample : Q2903-06MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6B-081925MSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/25/2025
 Supervised By :Jagrut Upadhyay 08/25/2025

Quant Time: Aug 22 14:55:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 21 06:12:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	106227	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	426928	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	255816	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	407531	20.000	ng	0.00
76) Chrysene-d12	14.098	240	240925	20.000	ng	0.00
86) Perylene-d12	15.598	264	232913	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	409613	67.332	ng	0.00
7) Phenol-d6	6.563	99	339953	45.269	ng	-0.01
23) Nitrobenzene-d5	7.487	82	699922	95.669	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	343754	144.357	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	1328893	85.852	ng	0.00
79) Terphenyl-d14	13.039	244	1326574	96.085	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	52426	18.603	ng	98
3) Pyridine	3.563	79	126006	16.787	ng	98
4) n-Nitrosodimethylamine	3.493	42	77195	22.878	ng	93
6) Aniline	6.587	93	267619	26.661	ng	99
8) 2-Chlorophenol	6.716	128	234030	34.830	ng	99
9) Benzaldehyde	6.475	77	144193	23.716	ng	95
10) Phenol	6.575	94	144428	16.694	ng	89
11) bis(2-Chloroethyl)ether	6.657	93	257197	39.784	ng	99
12) 1,3-Dichlorobenzene	6.869	146	155361	20.579	ng	99
13) 1,4-Dichlorobenzene	6.940	146	161635	21.343	ng	99
14) 1,2-Dichlorobenzene	7.093	146	166465	23.216	ng	99
15) Benzyl Alcohol	7.069	79	209253	37.217	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	374192	36.179	ng	93
17) 2-Methylphenol	7.187	107	179705	33.323	ng	95
18) Hexachloroethane	7.440	117	48682	18.907	ng	95
19) n-Nitroso-di-n-propyla...	7.340	70	226744	49.399	ng	100
20) 3+4-Methylphenols	7.334	107	205160	31.868	ng	# 74
22) Acetophenone	7.334	105	405430	43.956	ng	97
24) Nitrobenzene	7.510	77	311412	41.357	ng	100
25) Isophorone	7.745	82	644110	48.028	ng	99
26) 2-Nitrophenol	7.822	139	164011	44.466	ng	93
27) 2,4-Dimethylphenol	7.863	122	238116	41.413	ng	95
28) bis(2-Chloroethoxy)met...	7.951	93	368386	44.697	ng	100
29) 2,4-Dichlorophenol	8.069	162	260922	42.490	ng	98
30) 1,2,4-Trichlorobenzene	8.151	180	191267	30.294	ng	99
31) Naphthalene	8.228	128	677768	33.067	ng	100
32) Benzoic acid	7.969	122	51700	19.534	ng	95
33) 4-Chloroaniline	8.275	127	171529	23.578	ng	98
34) Hexachlorobutadiene	8.345	225	101181	24.564	ng	99
35) Caprolactam	8.657	113	18173m	12.333	ng	
36) 4-Chloro-3-methylphenol	8.763	107	288896	46.944	ng	96
37) 2-Methylnaphthalene	8.922	142	498923	36.446	ng	100
38) 1-Methylnaphthalene	9.022	142	530441	40.508	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	276537	37.792	ng	98
41) Hexachlorocyclopentadiene	9.081	237	214304	75.748	ng	100
43) 2,4,6-Trichlorophenol	9.204	196	206459	45.854	ng	100

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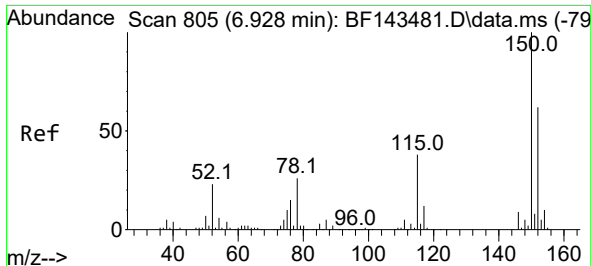
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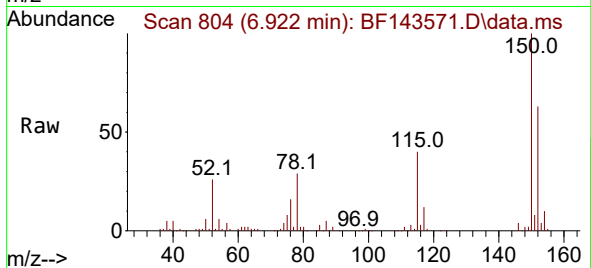
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	219346	44.599	ng	98
46) 1,1'-Biphenyl	9.387	154	760176	41.866	ng	99
47) 2-Chloronaphthalene	9.410	162	574466	40.323	ng	97
48) 2-Nitroaniline	9.510	65	209045	50.137	ng	100
49) Acenaphthylene	9.828	152	978447	47.965	ng	99
50) Dimethylphthalate	9.687	163	798362	51.818	ng	100
51) 2,6-Dinitrotoluene	9.751	165	169505	53.083	ng	96
52) Acenaphthene	10.004	154	666294	48.107	ng	99
53) 3-Nitroaniline	9.922	138	99285	28.775	ng	97
54) 2,4-Dinitrophenol	10.034	184	155643	90.406	ng	95
55) Dibenzofuran	10.175	168	883171	44.726	ng	96
56) 4-Nitrophenol	10.092	139	82256	40.066	ng	92
57) 2,4-Dinitrotoluene	10.157	165	229087	53.729	ng	93
58) Fluorene	10.516	166	704567	46.360	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	189613	51.893	ng	96
60) Diethylphthalate	10.386	149	761464	55.125	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	354382	46.625	ng	97
62) 4-Nitroaniline	10.539	138	157900	49.821	ng	92
63) Azobenzene	10.669	77	749233	52.310	ng	99
65) 4,6-Dinitro-2-methylph...	10.569	198	116177	50.559	ng	97
66) n-Nitrosodiphenylamine	10.628	169	619849	47.262	ng	99
67) 4-Bromophenyl-phenylether	10.998	248	234232	48.171	ng	96
68) Hexachlorobenzene	11.069	284	248260	47.365	ng	98
69) Atrazine	11.151	200	201408	59.492	ng	99
70) Pentachlorophenol	11.269	266	257162	107.130	ng	99
71) Phenanthrene	11.480	178	995019	45.593	ng	99
72) Anthracene	11.533	178	1030994	46.633	ng	100
73) Carbazole	11.686	167	841718	46.464	ng	99
74) Di-n-butylphthalate	12.010	149	1127277	66.704	ng	99
75) Fluoranthene	12.669	202	914300	46.690	ng	99
77) Benzidine	12.786	184	161716	27.556	ng	99
78) Pyrene	12.898	202	889609	44.889	ng	100
80) Butylbenzylphthalate	13.510	149	373800	69.044	ng	99
81) Benzo(a)anthracene	14.086	228	753434	48.574	ng	99
82) 3,3'-Dichlorobenzidine	14.045	252	132635	29.859	ng	96
83) Chrysene	14.127	228	645099	46.279	ng	99
84) Bis(2-ethylhexyl)phtha...	14.069	149	525601	63.742	ng	100
85) Di-n-octyl phthalate	14.680	149	782243	51.209	ng	99
87) Indeno(1,2,3-cd)pyrene	17.133	276	713033	42.602	ng	99
88) Benzo(b)fluoranthene	15.157	252	633917	48.963	ng	99
89) Benzo(k)fluoranthene	15.186	252	633765	51.127	ng	99
90) Benzo(a)pyrene	15.533	252	606447	50.464	ng	100
91) Dibenzo(a,h)anthracene	17.139	278	580113	43.278	ng	100
92) Benzo(g,h,i)perylene	17.592	276	528314	39.637	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

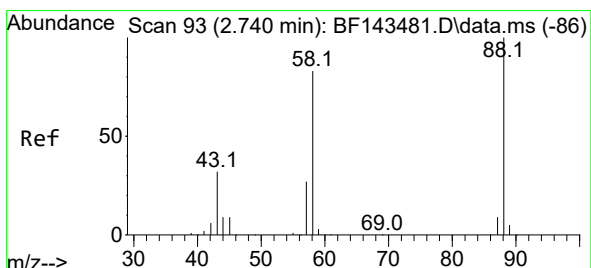
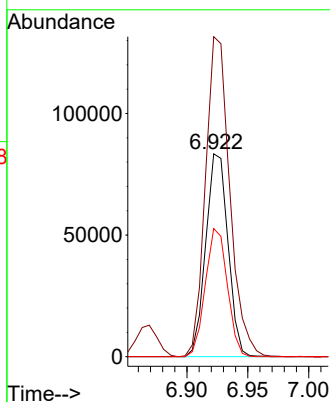
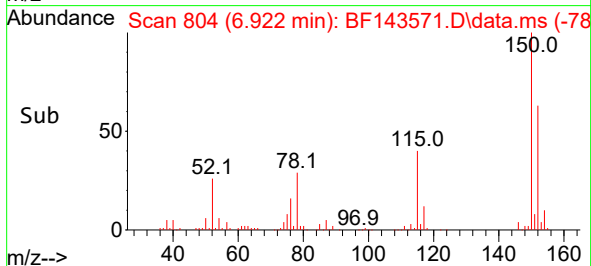
Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD



Tgt Ion:152 Resp: 10622
Ion Ratio Lower Upper
152 100
150 157.7 128.9 193.3
115 63.2 49.2 73.8

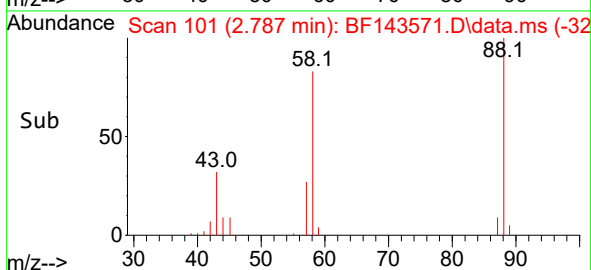
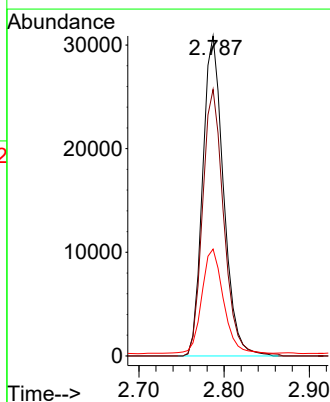
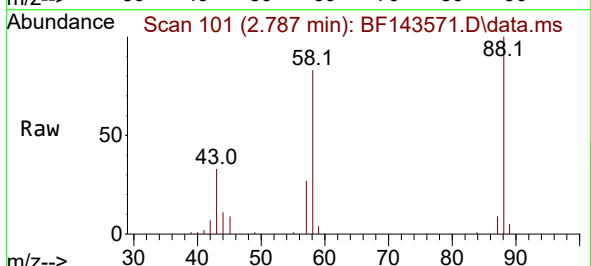
Manual Integrations
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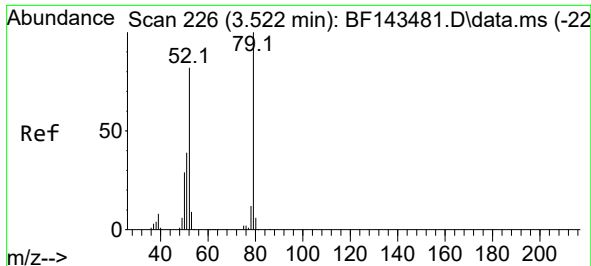
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#2
1,4-Dioxane
Concen: 18.603 ng
RT: 2.787 min Scan# 101
Delta R.T. 0.053 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion: 88 Resp: 52426
Ion Ratio Lower Upper
88 100
58 84.8 66.7 100.1
43 34.3 25.8 38.8





#3

Pyridine

Concen: 16.787 ng

RT: 3.563 min Scan# 211

Delta R.T. 0.047 min

Lab File: BF143571.D

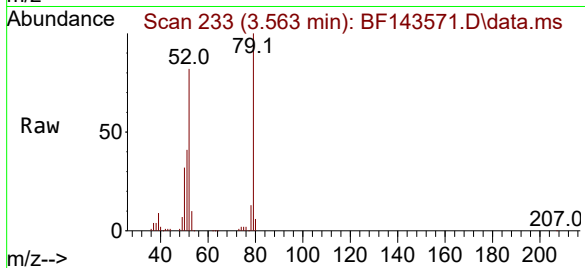
Acq: 22 Aug 2025 14:27

Instrument :

BNA_F

ClientSampleId :

MW-6B-081925MSD



Tgt Ion: 79 Resp: 126000

Ion Ratio Lower Upper

79 100

52 82.5 65.6 98.4

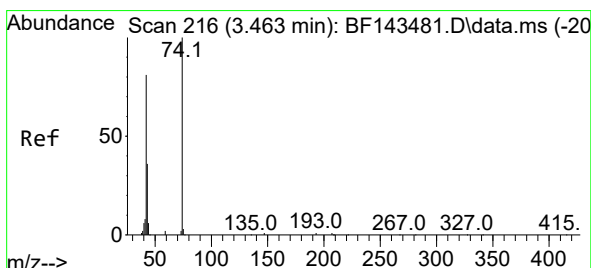
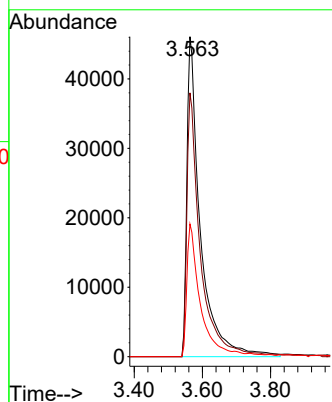
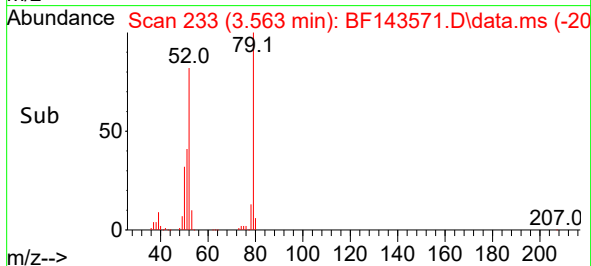
51 41.4 31.2 46.8

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 22.878 ng

RT: 3.493 min Scan# 221

Delta R.T. 0.018 min

Lab File: BF143571.D

Acq: 22 Aug 2025 14:27

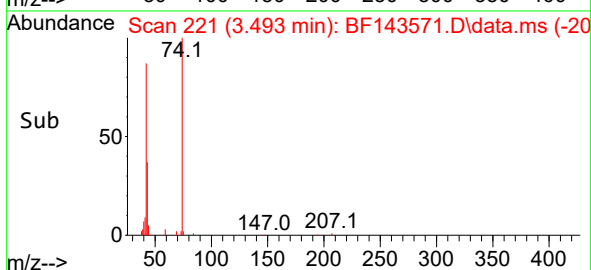
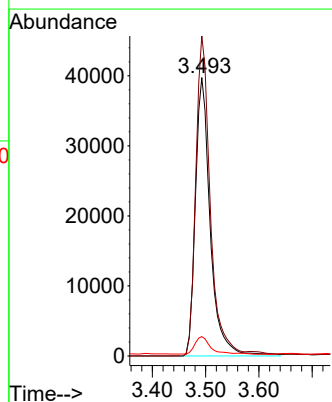
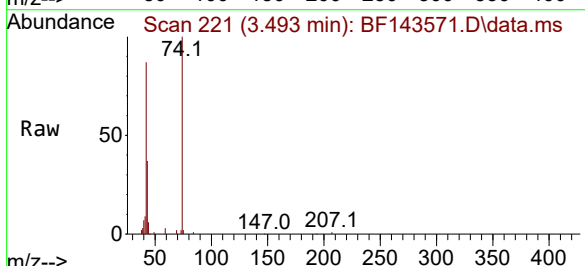
Tgt Ion: 42 Resp: 77195

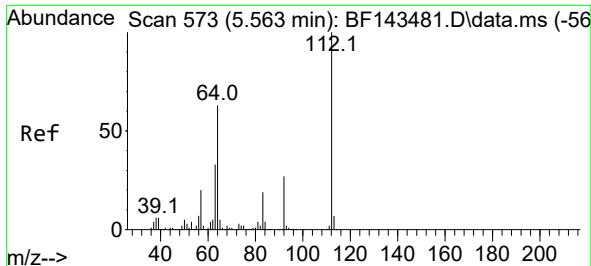
Ion Ratio Lower Upper

42 100

74 115.0 98.6 148.0

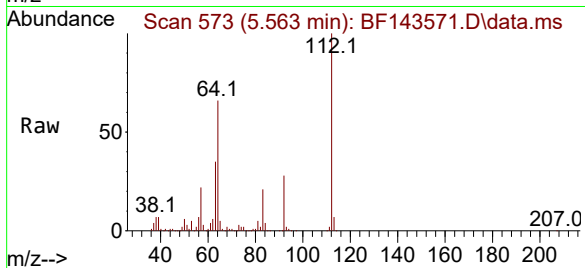
44 7.0 5.8 8.8





#5
2-Fluorophenol
Concen: 67.332 ng
RT: 5.563 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

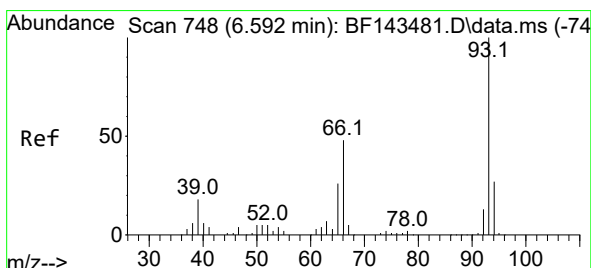
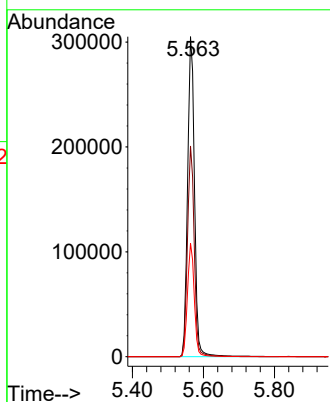
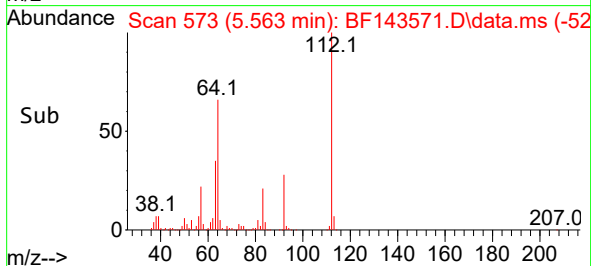
Instrument :
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Tgt Ion:112 Resp: 409611
Ion Ratio Lower Upper
112 100
64 65.8 50.4 75.6
63 35.5 26.4 39.6

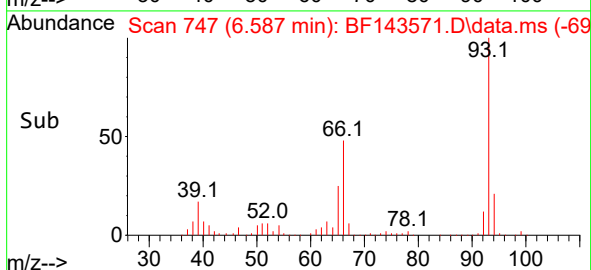
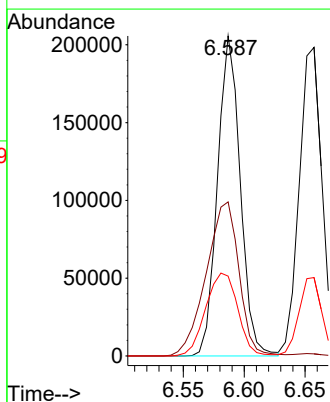
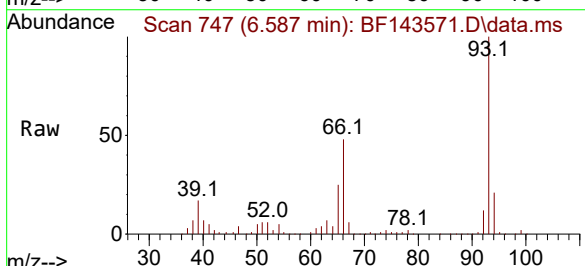
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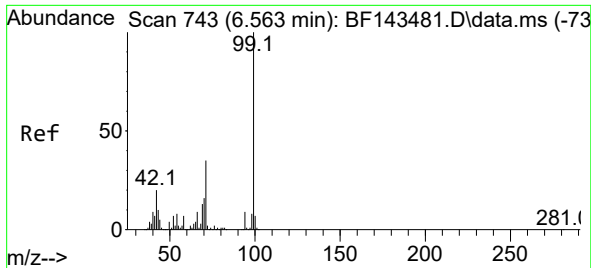
Reviewed By :Rahul Chavli 08/25/2025
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#6
Aniline
Concen: 26.661 ng
RT: 6.587 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

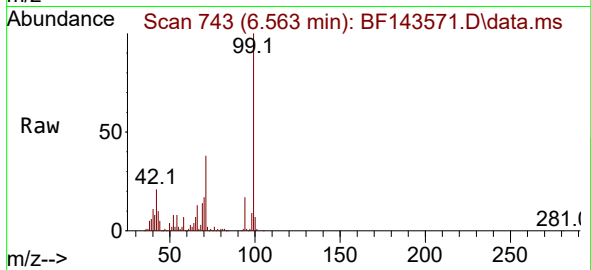
Tgt Ion: 93 Resp: 267619
Ion Ratio Lower Upper
93 100
66 48.2 38.9 58.3
65 25.0 20.6 30.8





#7
Phenol-d6
Concen: 45.269 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.012 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

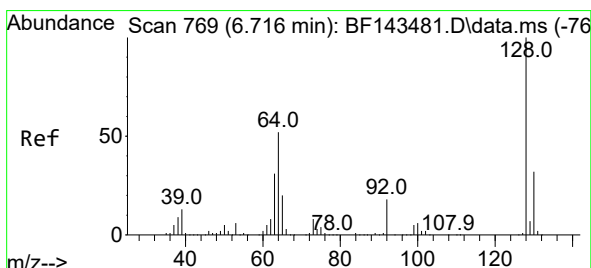
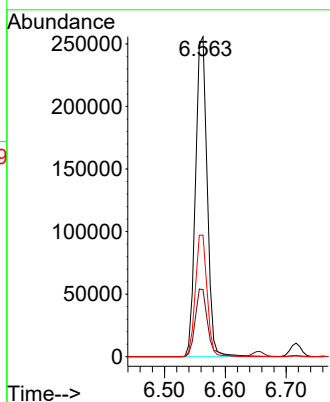
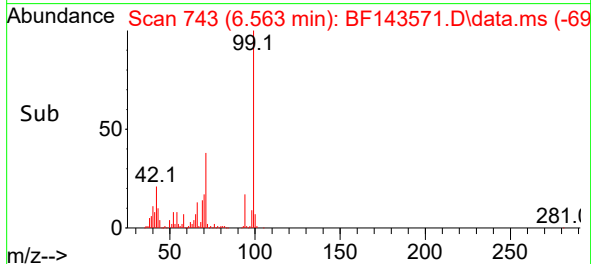
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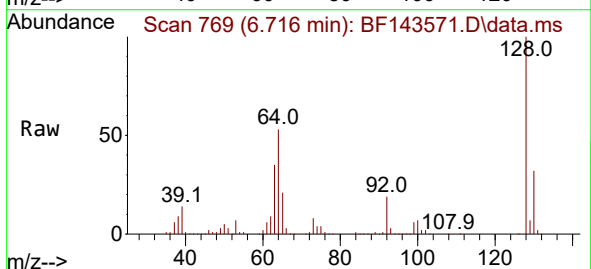
Tgt Ion: 99 Resp: 33995
Ion Ratio Lower Upper
99 100
42 20.9 16.3 24.5
71 38.0 28.2 42.2

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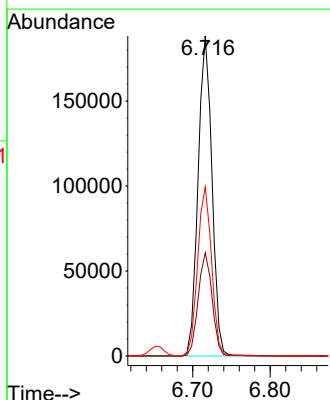
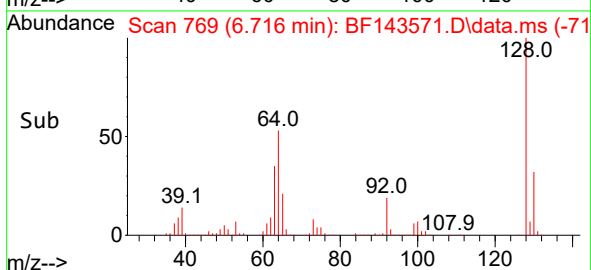
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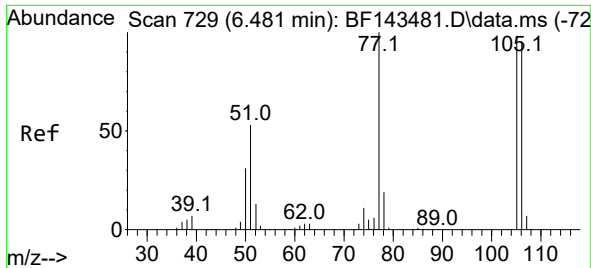


#8
2-Chlorophenol
Concen: 34.830 ng
RT: 6.716 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27



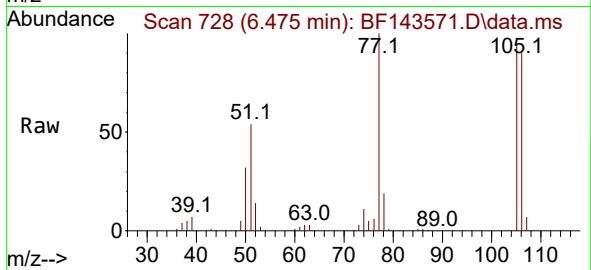
Tgt Ion:128 Resp: 234030
Ion Ratio Lower Upper
128 100
130 32.2 12.4 52.4
64 52.8 31.6 71.6





#9
Benzaldehyde
Concen: 23.716 ng
RT: 6.475 min Scan# 729
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

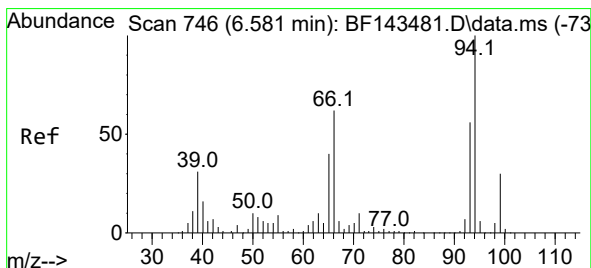
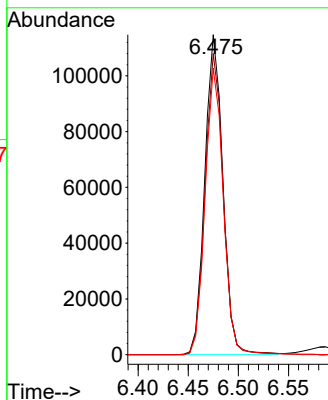
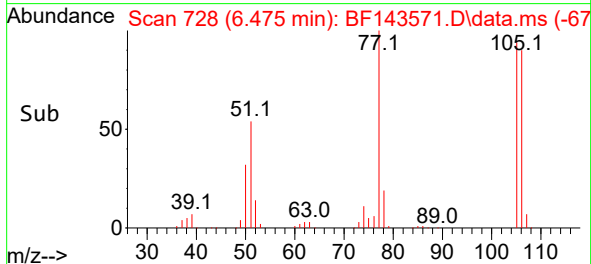
Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD



Tgt Ion: 77 Resp: 14419
Ion Ratio Lower Upper
77 100
105 94.1 78.1 118.1
106 89.5 74.9 114.9

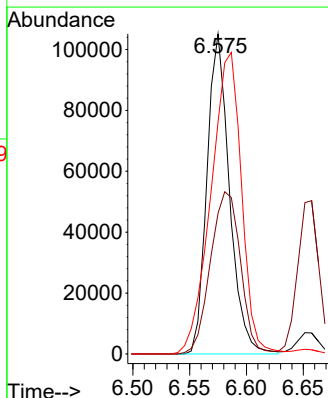
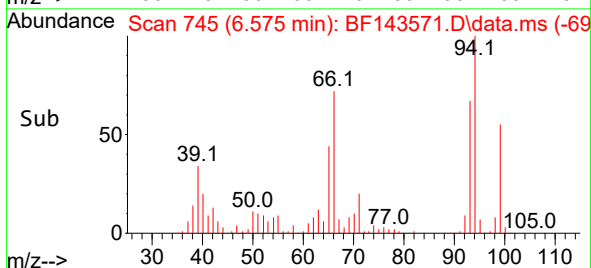
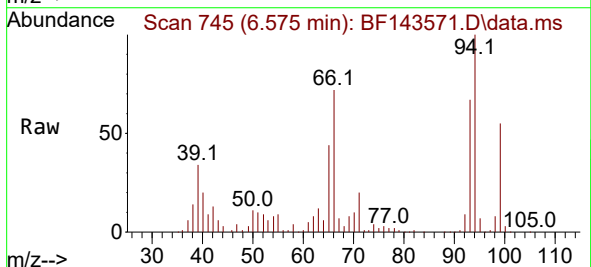
Manual Integrations
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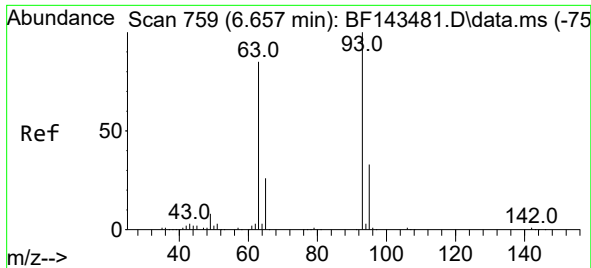
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#10
Phenol
Concen: 16.694 ng
RT: 6.575 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

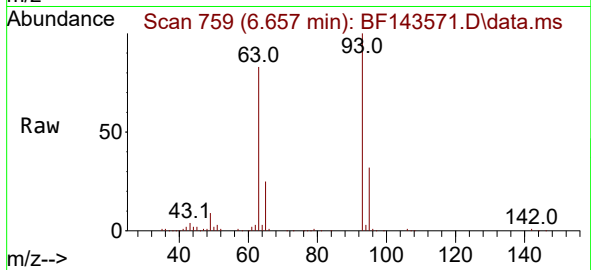
Tgt Ion: 94 Resp: 144428
Ion Ratio Lower Upper
94 100
65 44.0 19.5 59.5
66 72.4 42.5 82.5





#11
bis(2-Chloroethyl)ether
Concen: 39.784 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

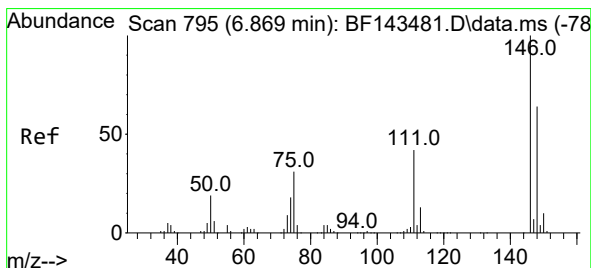
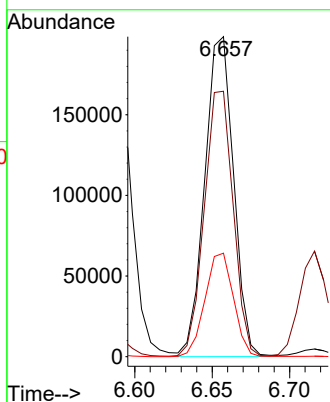
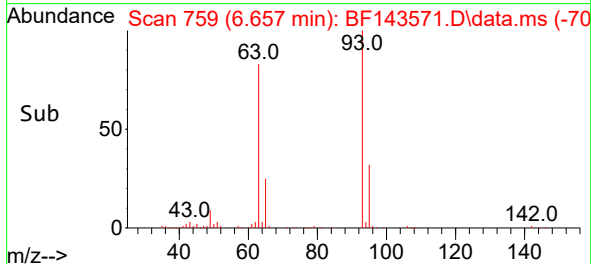
Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD



Tgt Ion: 93 Resp: 25719
Ion Ratio Lower Upper
93 100
63 83.0 63.6 103.6
95 32.3 12.8 52.8

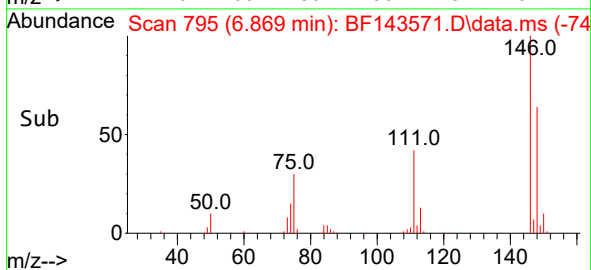
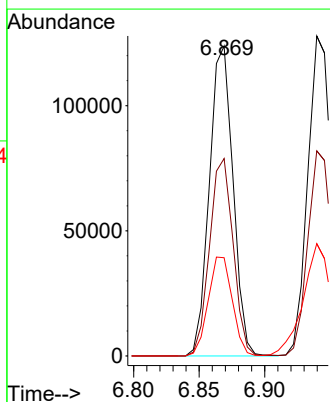
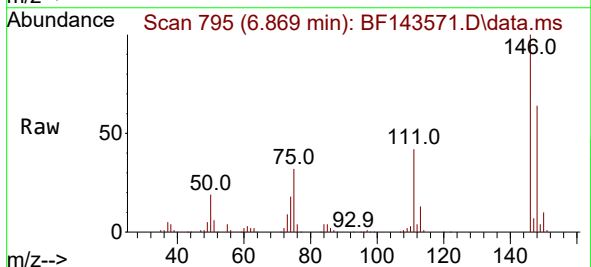
Manual Integrations
APPROVED

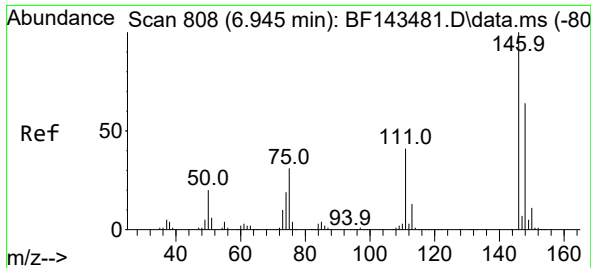
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#12
1,3-Dichlorobenzene
Concen: 20.579 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:146 Resp: 155361
Ion Ratio Lower Upper
146 100
148 63.7 51.3 76.9
75 31.7 24.7 37.1





#13

1,4-Dichlorobenzene

Concen: 21.343 ng

RT: 6.940 min Scan# 808

Delta R.T. -0.006 min

Lab File: BF143571.D

Acq: 22 Aug 2025 14:27

Instrument :

BNA_F

ClientSampleId :

MW-6B-081925MSD

Tgt Ion:146 Resp: 16163

Ion Ratio Lower Upper

146 100

148 64.1 51.5 77.3

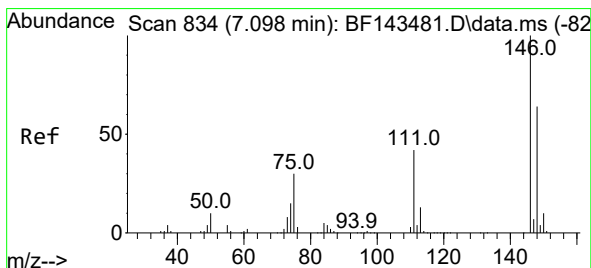
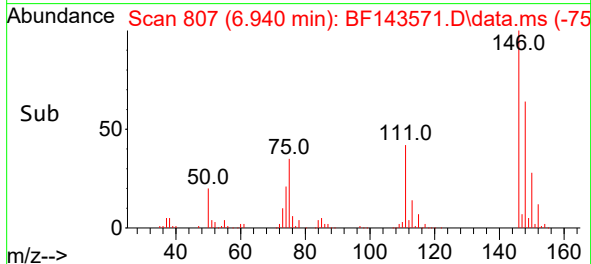
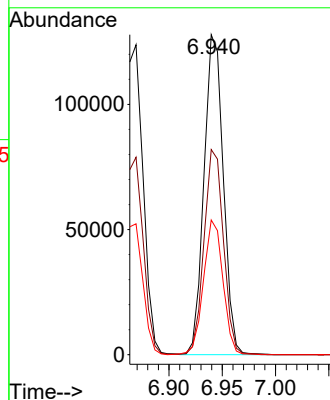
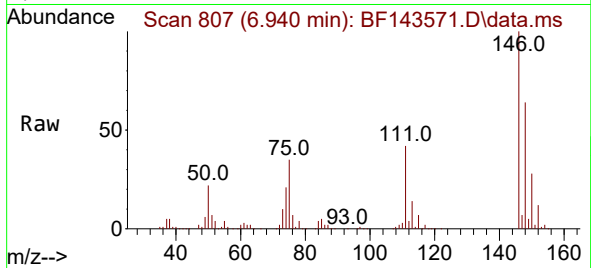
111 42.1 32.6 49.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/25/2025

Supervised By :Jagrut Upadhyay 08/25/2025



#14

1,2-Dichlorobenzene

Concen: 23.216 ng

RT: 7.093 min Scan# 833

Delta R.T. -0.006 min

Lab File: BF143571.D

Acq: 22 Aug 2025 14:27

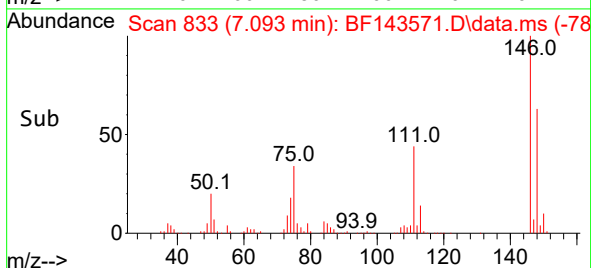
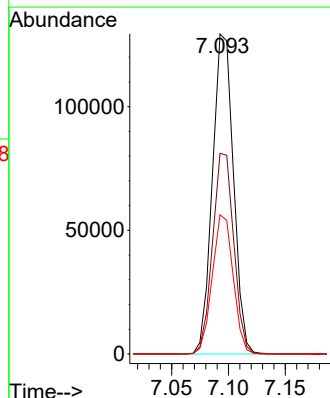
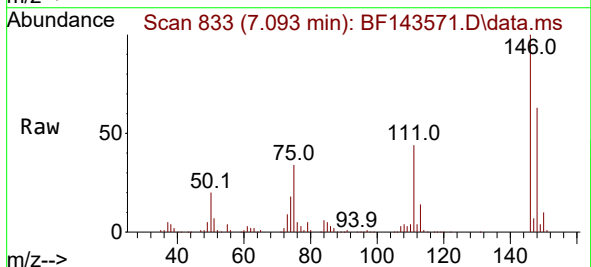
Tgt Ion:146 Resp: 166465

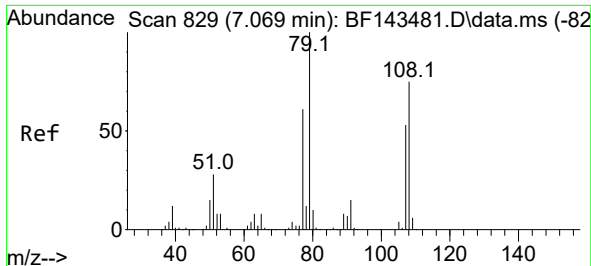
Ion Ratio Lower Upper

146 100

148 62.7 51.0 76.6

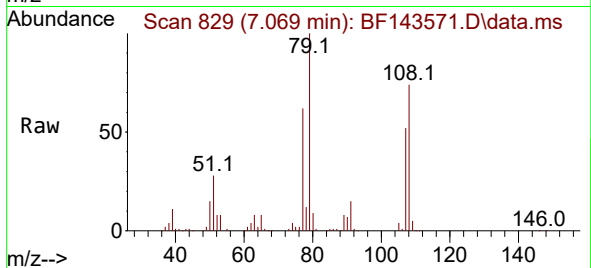
111 43.5 34.0 51.0





#15
Benzyl Alcohol
Concen: 37.217 ng
RT: 7.069 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

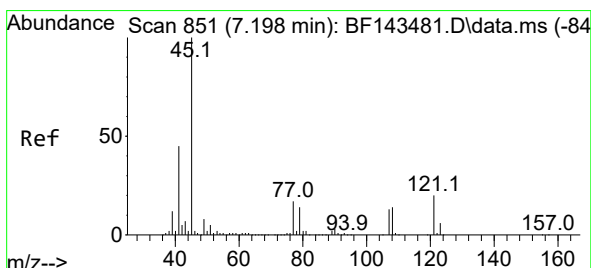
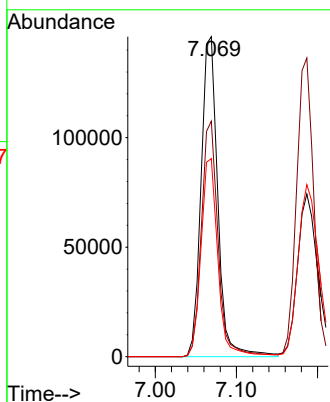
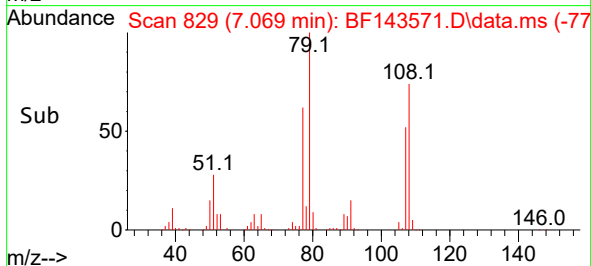
Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD



Tgt Ion: 79 Resp: 20925
Ion Ratio Lower Upper
79 100
108 73.6 59.8 89.6
77 61.9 49.0 73.4

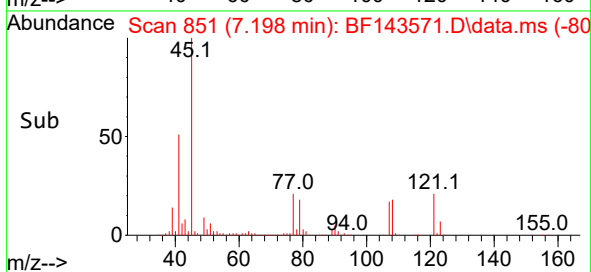
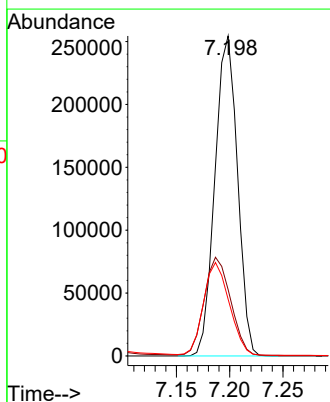
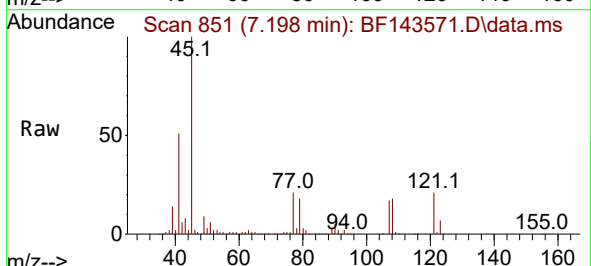
Manual Integrations
APPROVED

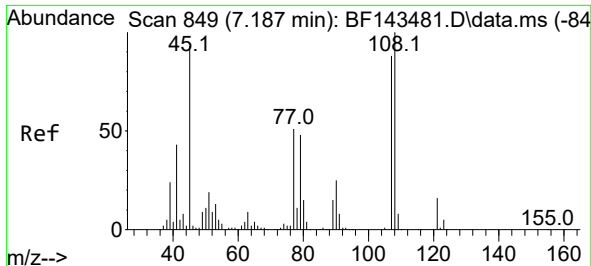
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.179 ng
RT: 7.198 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

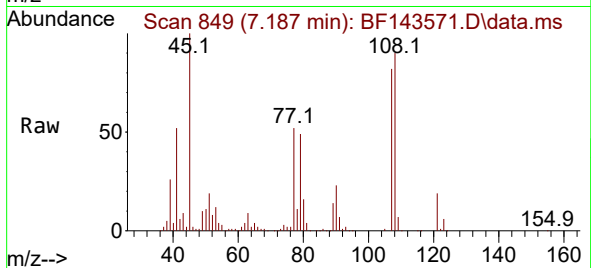
Tgt Ion: 45 Resp: 374192
Ion Ratio Lower Upper
45 100
77 20.8 0.0 37.9
79 17.8 0.0 34.7





#17
2-Methylphenol
Concen: 33.323 ng
RT: 7.187 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

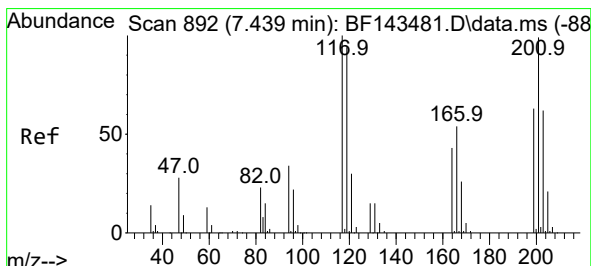
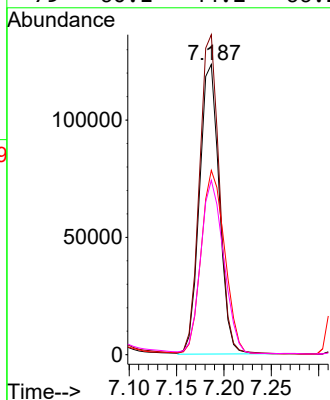
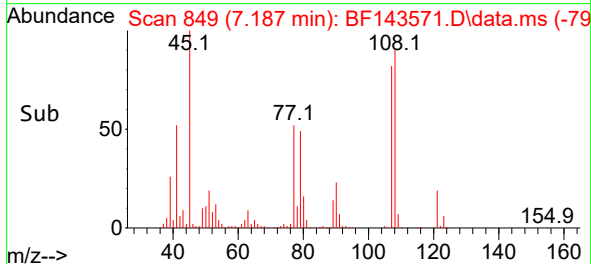
Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD



Tgt Ion:107 Resp: 17970
Ion Ratio Lower Upper
107 100
108 110.3 91.1 136.7
77 63.5 46.2 69.4
79 60.1 44.2 66.2

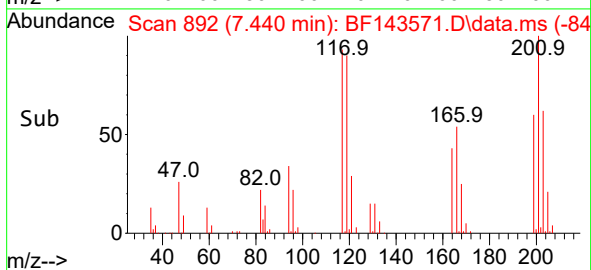
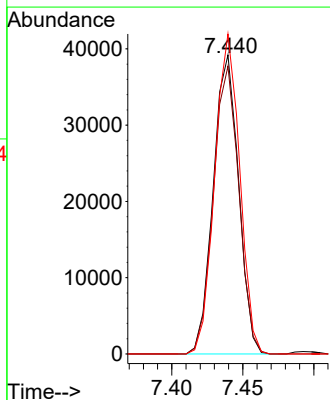
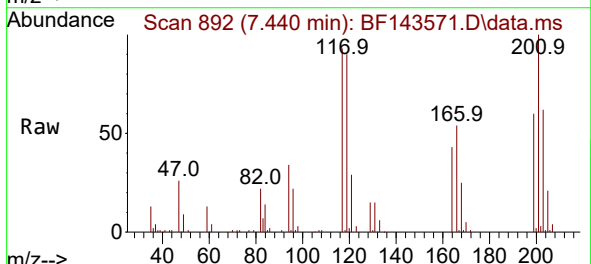
Manual Integrations
APPROVED

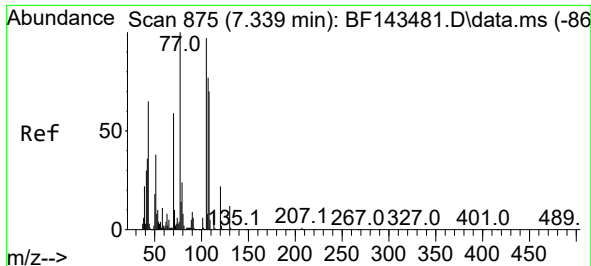
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#18
Hexachloroethane
Concen: 18.907 ng
RT: 7.440 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

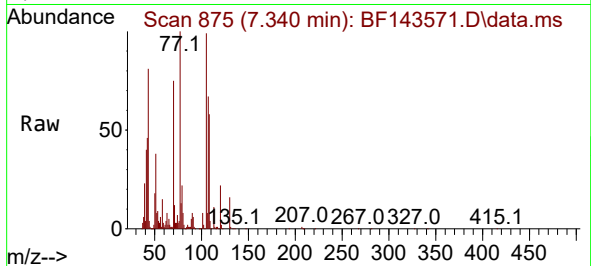
Tgt Ion:117 Resp: 48682
Ion Ratio Lower Upper
117 100
119 96.2 75.4 113.0
201 107.0 79.0 118.4





#19
n-Nitroso-di-n-propylamine
Concen: 49.399 ng
RT: 7.340 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

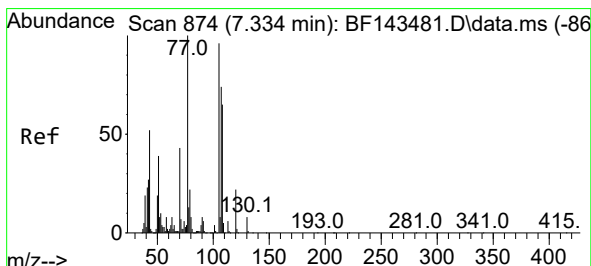
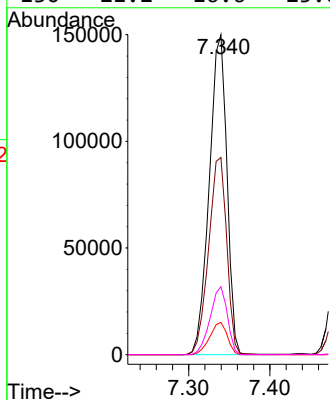
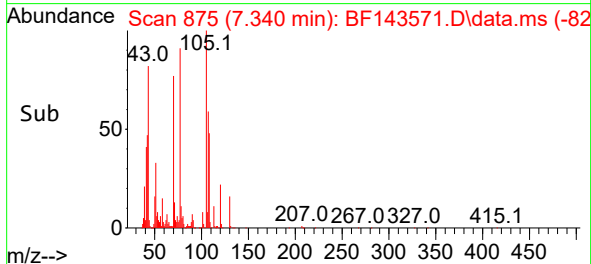
Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD



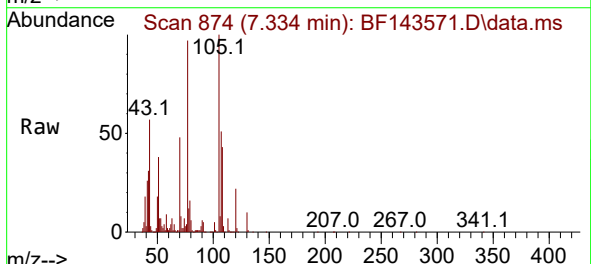
Tgt Ion: 70 Resp: 226744
Ion Ratio Lower Upper
70 100
42 61.6 49.3 73.9
101 10.1 7.8 11.8
130 21.2 16.6 25.0

Manual Integrations
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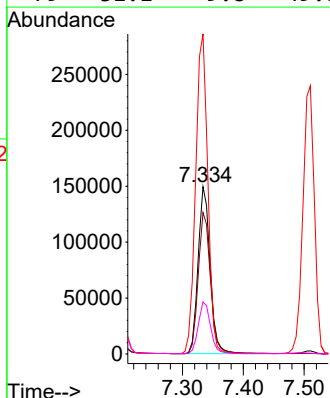
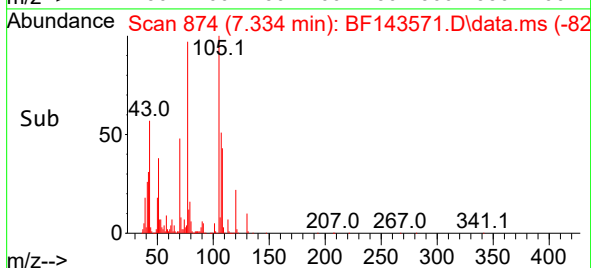
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

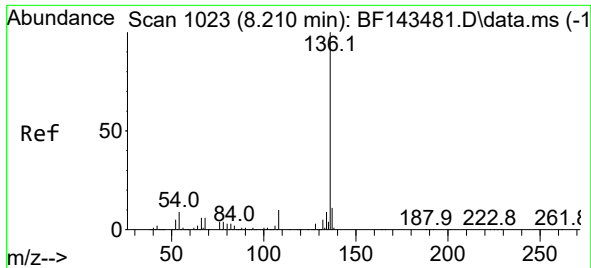


#20
3+4-Methylphenols
Concen: 31.868 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27



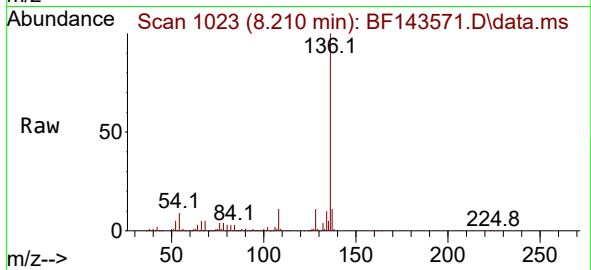
Tgt Ion:107 Resp: 205160
Ion Ratio Lower Upper
107 100
108 84.6 68.4 108.4
77 191.4 116.1 156.1#
79 31.1 9.8 49.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

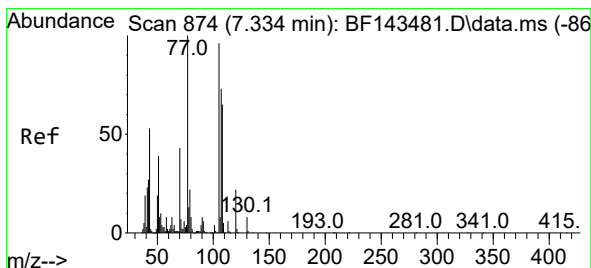
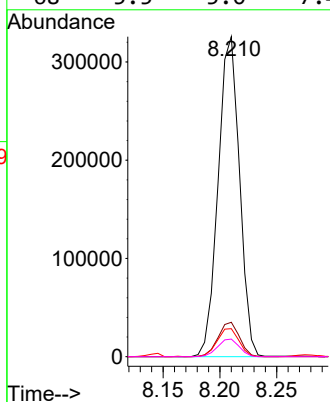
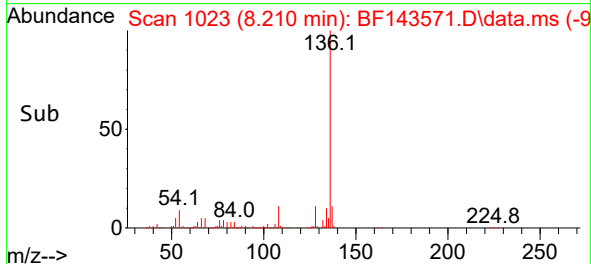
Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD



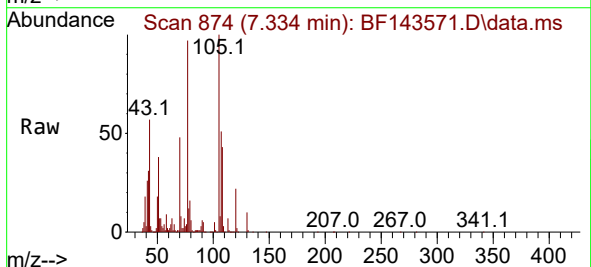
Tgt Ion:136 Resp: 426928
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 8.7 7.4 11.2
68 5.5 5.0 7.4

Manual Integrations
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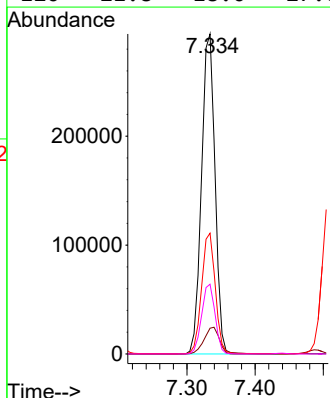
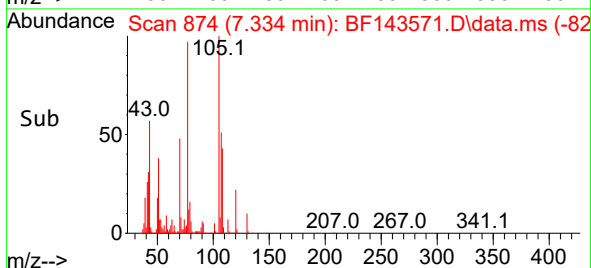
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

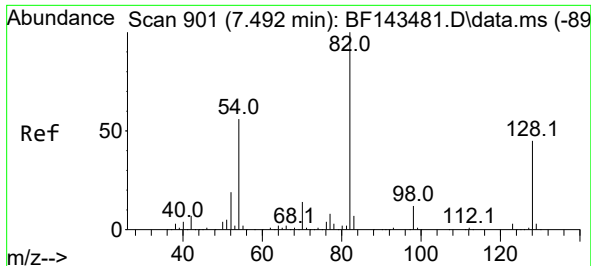


#22
Acetophenone
Concen: 43.956 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27



Tgt Ion:105 Resp: 405430
Ion Ratio Lower Upper
105 100
71 8.0 5.9 8.9
51 37.8 32.5 48.7
120 21.8 18.0 27.0





#23

Nitrobenzene-d5

Concen: 95.669 ng

RT: 7.487 min Scan# 901

Delta R.T. -0.012 min

Lab File: BF143571.D

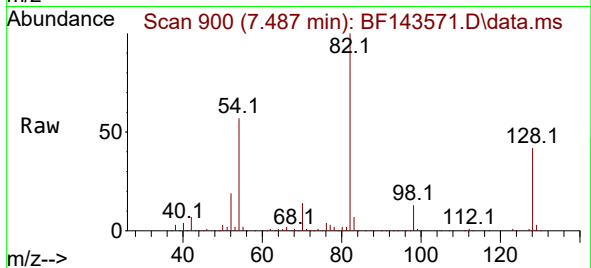
Acq: 22 Aug 2025 14:27

Instrument :

BNA_F

ClientSampleId :

MW-6B-081925MSD



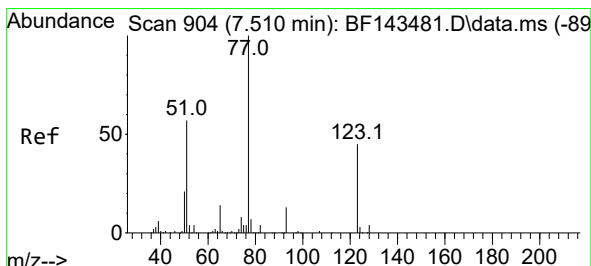
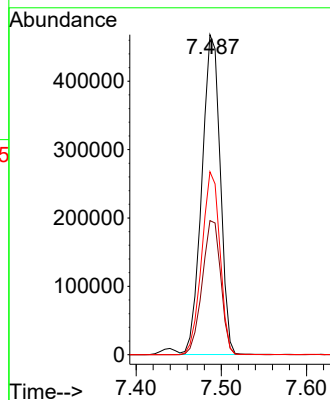
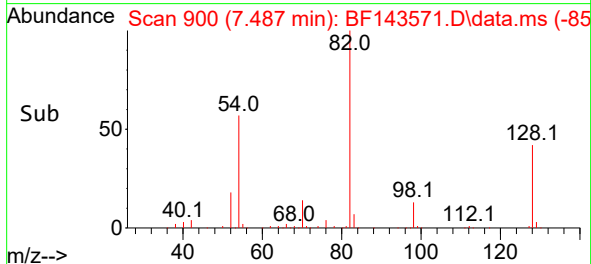
Tgt Ion:	82	Resp:	69992
Ion Ratio	Lower	Upper	
82	100		
128	41.9	35.5	53.3
54	57.1	44.3	66.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/25/2025

Supervised By :Jagrut Upadhyay 08/25/2025



#24

Nitrobenzene

Concen: 41.357 ng

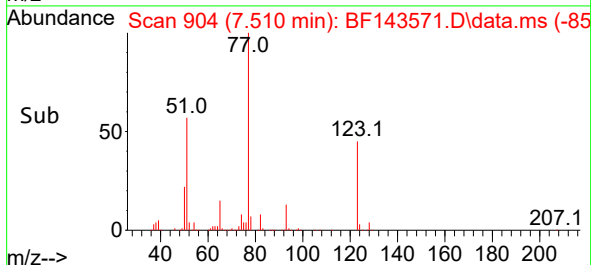
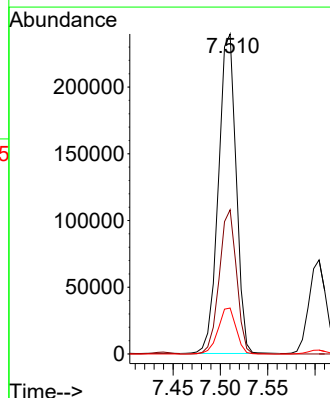
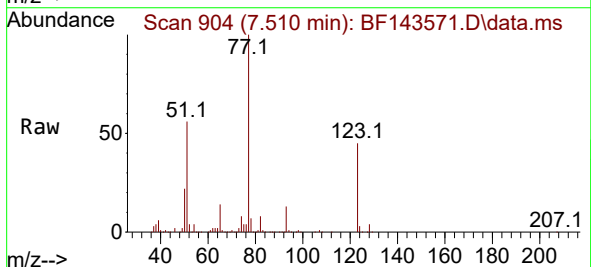
RT: 7.510 min Scan# 904

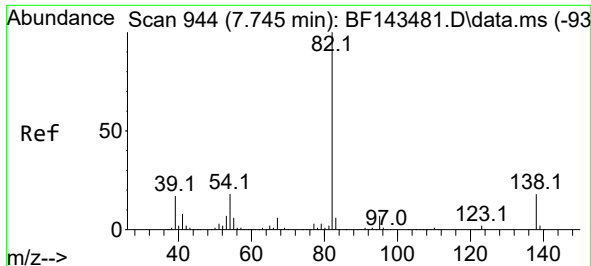
Delta R.T. -0.006 min

Lab File: BF143571.D

Acq: 22 Aug 2025 14:27

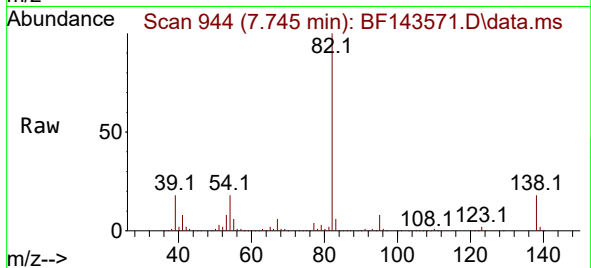
Tgt Ion:	77	Resp:	311412
Ion Ratio	Lower	Upper	
77	100		
123	45.0	36.1	54.1
65	14.3	11.0	16.6





#25
Isophorone
Concen: 48.028 ng
RT: 7.745 min Scan# 944
Delta R.T. -0.012 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

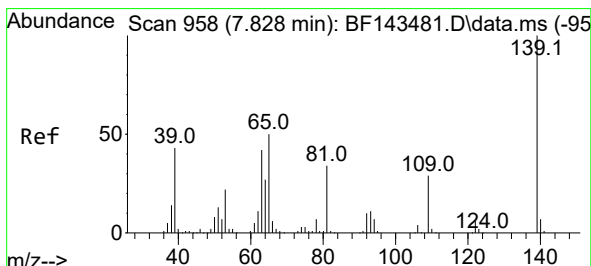
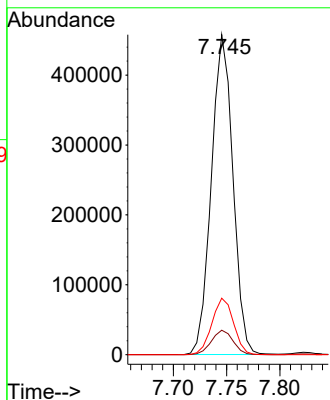
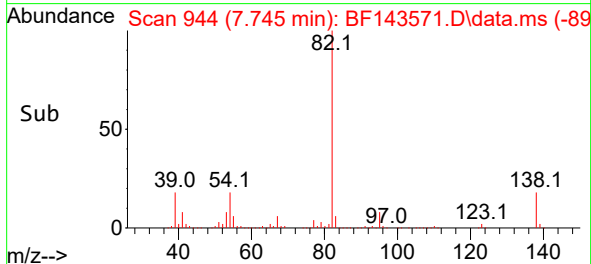
Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD



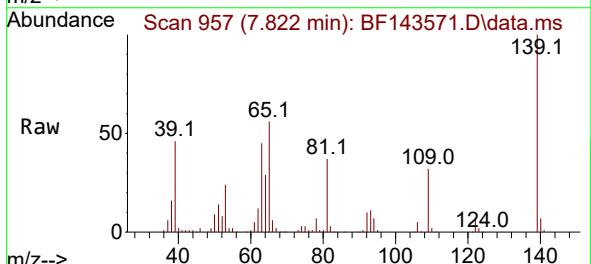
Tgt Ion: 82 Resp: 644110
Ion Ratio Lower Upper
82 100
95 7.7 5.8 8.8
138 17.6 14.2 21.4

Manual Integrations
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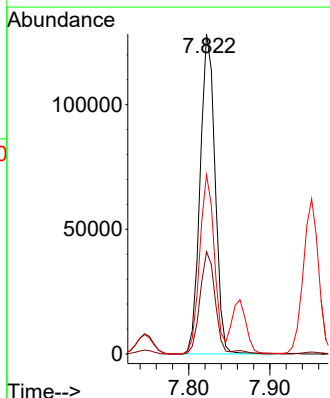
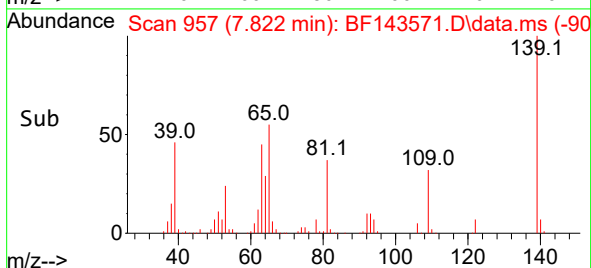
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

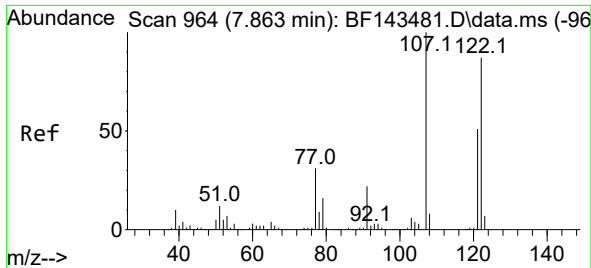


#26
2-Nitrophenol
Concen: 44.466 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27



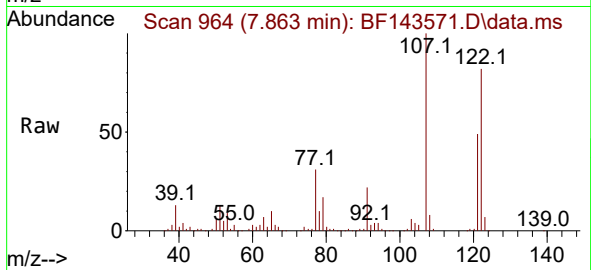
Tgt Ion:139 Resp: 164011
Ion Ratio Lower Upper
139 100
109 32.0 23.0 34.6
65 56.0 40.3 60.5





#27
2,4-Dimethylphenol
Concen: 41.413 ng
RT: 7.863 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

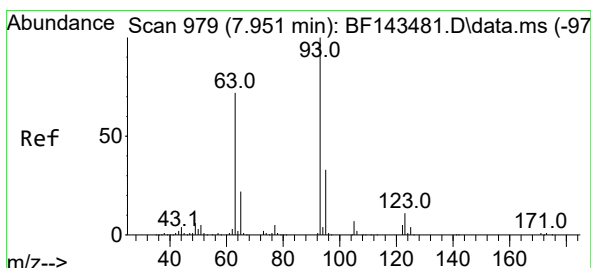
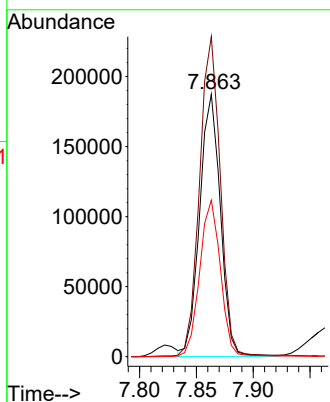
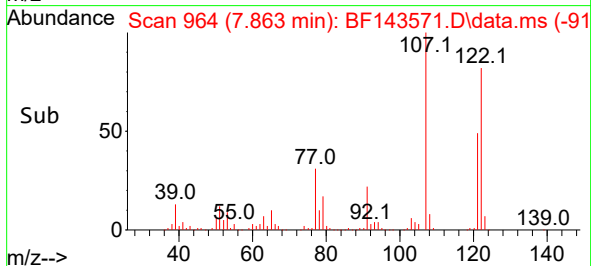
Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD



Tgt Ion:122 Resp: 238110
Ion Ratio Lower Upper
122 100
107 121.9 91.5 137.3
121 59.7 47.0 70.4

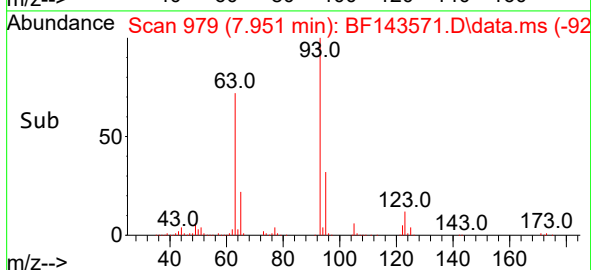
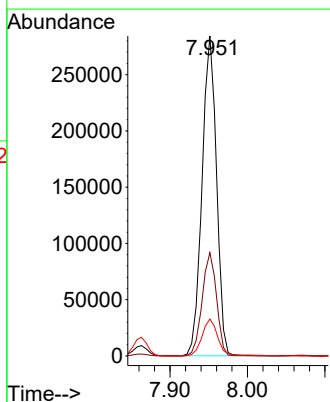
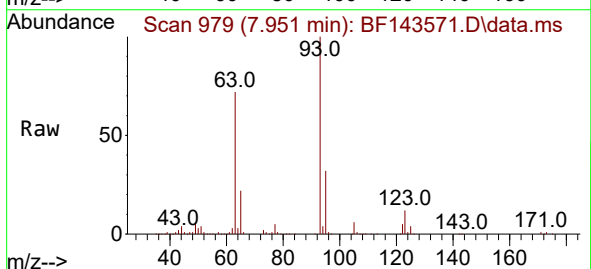
Manual Integrations
APPROVED

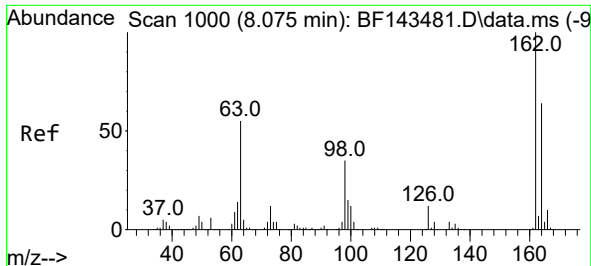
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#28
bis(2-Chloroethoxy)methane
Concen: 44.697 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion: 93 Resp: 368386
Ion Ratio Lower Upper
93 100
95 32.3 26.0 39.0
123 11.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 42.490 ng

RT: 8.069 min Scan# 999

Delta R.T. -0.006 min

Lab File: BF143571.D

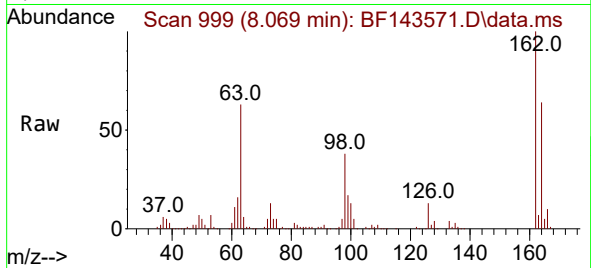
Acq: 22 Aug 2025 14:27

Instrument :

BNA_F

ClientSampleId :

MW-6B-081925MSD



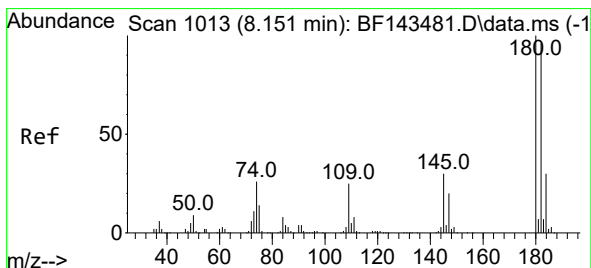
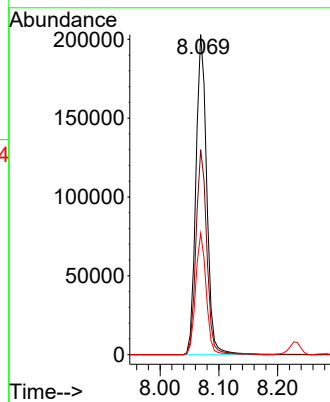
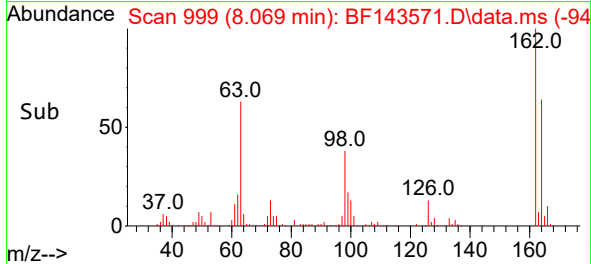
Tgt Ion:	162	Resp:	26092
Ion Ratio	Lower	Upper	
162	100		
164	64.1	43.5	83.5
98	38.0	15.1	55.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/25/2025

Supervised By :Jagrut Upadhyay 08/25/2025



#30

1,2,4-Trichlorobenzene

Concen: 30.294 ng

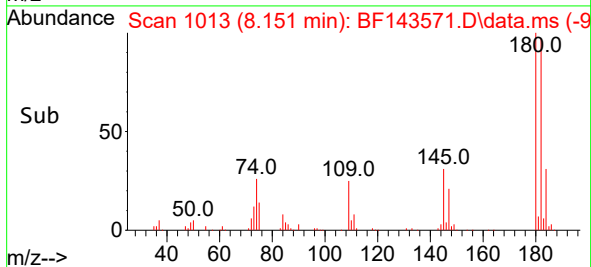
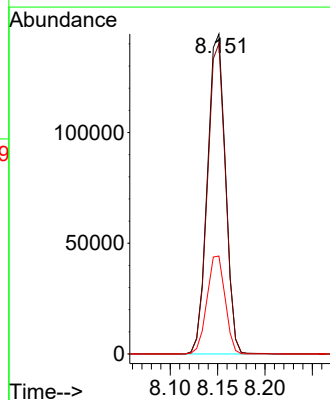
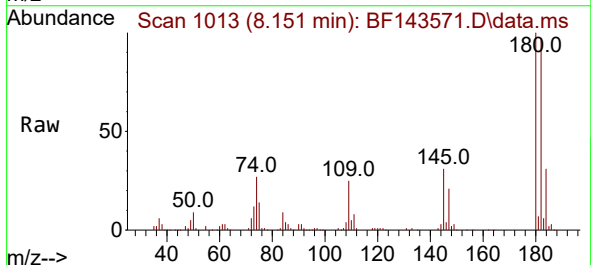
RT: 8.151 min Scan# 1013

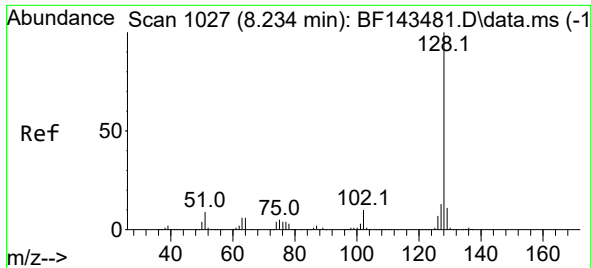
Delta R.T. 0.000 min

Lab File: BF143571.D

Acq: 22 Aug 2025 14:27

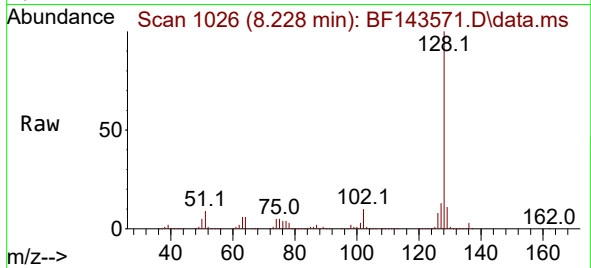
Tgt Ion:	180	Resp:	191267
Ion Ratio	Lower	Upper	
180	100		
182	97.0	76.6	114.8
145	30.6	24.3	36.5





#31
Naphthalene
Concen: 33.067 ng
RT: 8.228 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

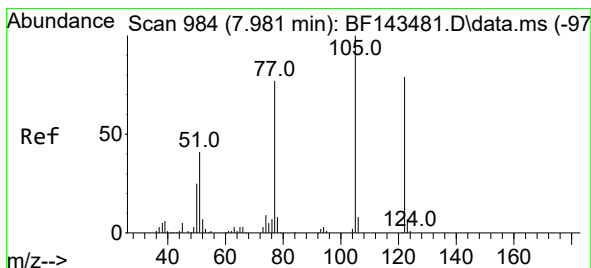
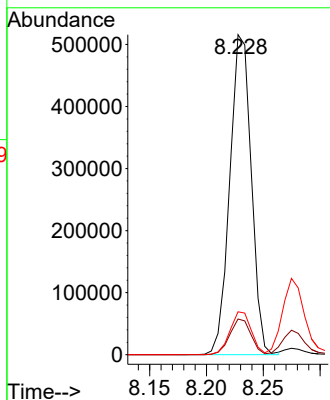
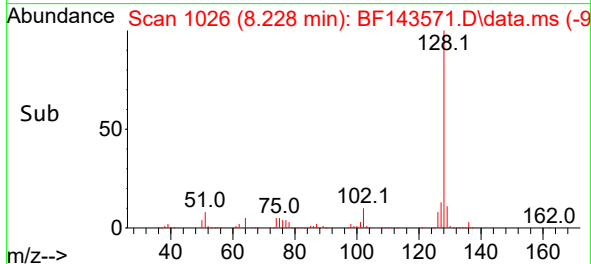
Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD



Tgt Ion:128 Resp: 677768
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.4 10.6 16.0

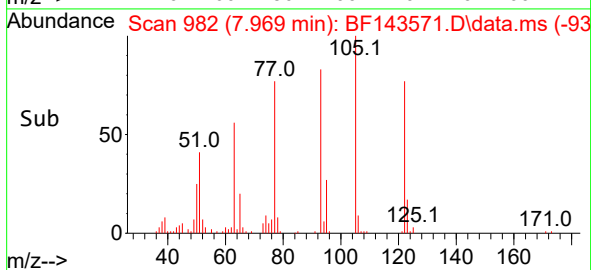
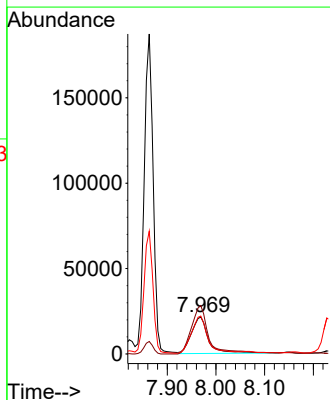
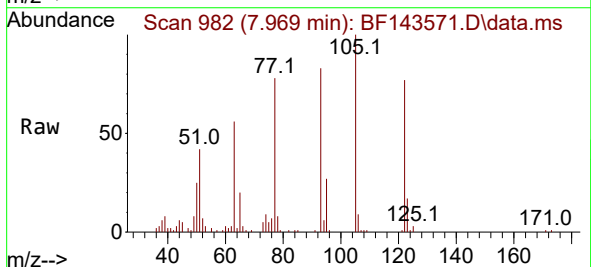
Manual Integrations
APPROVED

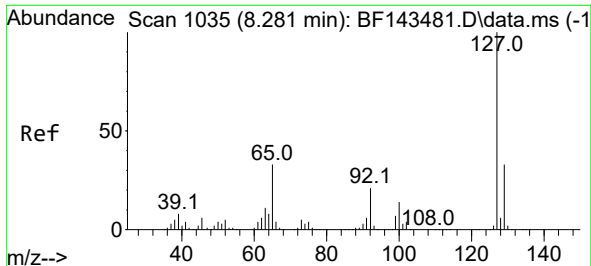
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#32
Benzoic acid
Concen: 19.534 ng
RT: 7.969 min Scan# 982
Delta R.T. -0.041 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

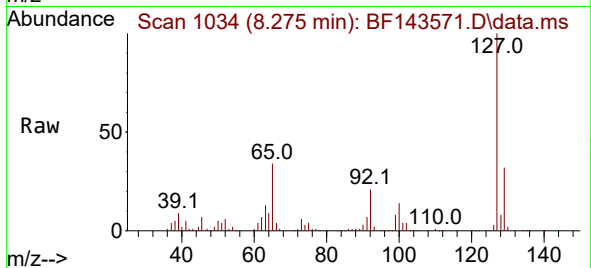
Tgt Ion:122 Resp: 51700
Ion Ratio Lower Upper
122 100
105 130.4 104.7 144.7
77 102.3 77.3 117.3





#33
4-Chloroaniline
Concen: 23.578 ng
RT: 8.275 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

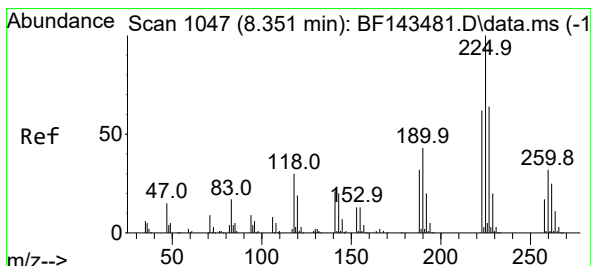
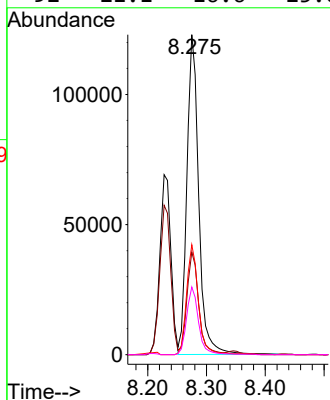
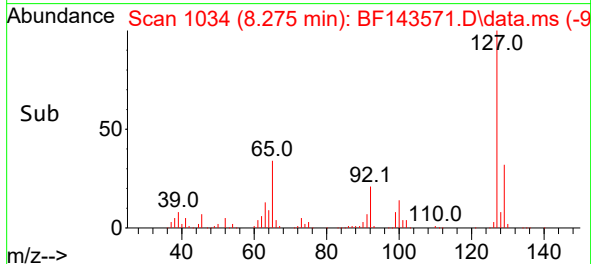
Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD



Tgt Ion:127 Resp: 171529
Ion Ratio Lower Upper
127 100
129 32.0 26.1 39.1
65 34.3 26.2 39.2
92 21.1 16.6 25.0

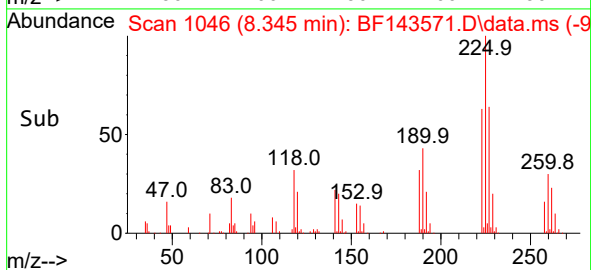
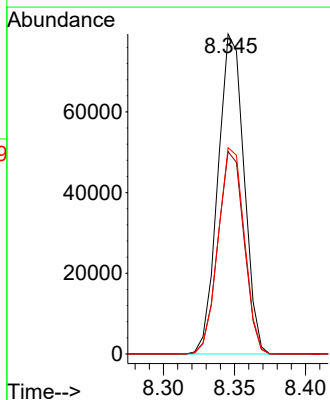
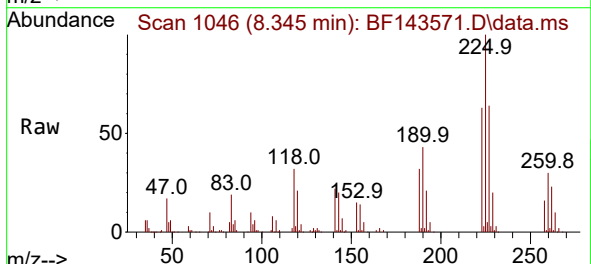
Manual Integrations
APPROVED

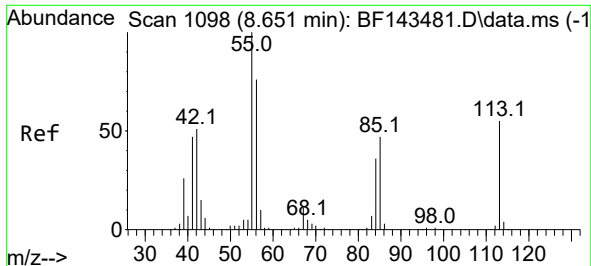
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#34
Hexachlorobutadiene
Concen: 24.564 ng
RT: 8.345 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

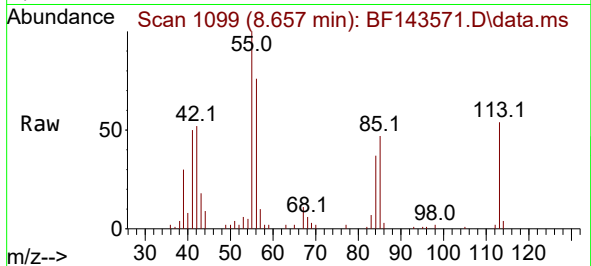
Tgt Ion:225 Resp: 101181
Ion Ratio Lower Upper
225 100
223 63.2 49.9 74.9
227 64.5 50.9 76.3





#35
Caprolactam
Concen: 12.333 ng m
RT: 8.657 min Scan# 1098
Delta R.T. -0.018 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

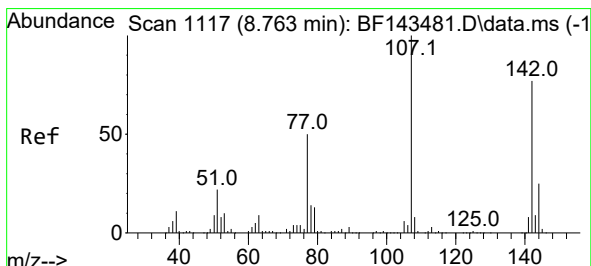
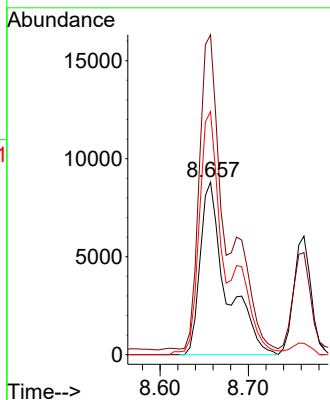
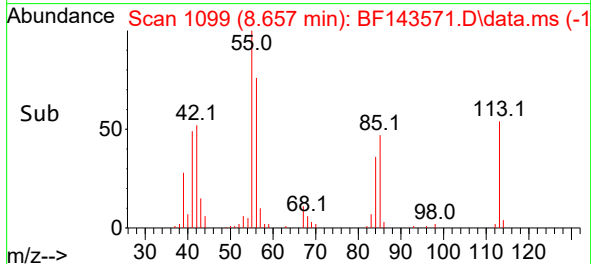
Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD



Tgt Ion:113 Resp: 1817
Ion Ratio Lower Upper
113 100
55 185.3 162.8 202.8
56 140.9 118.1 158.1

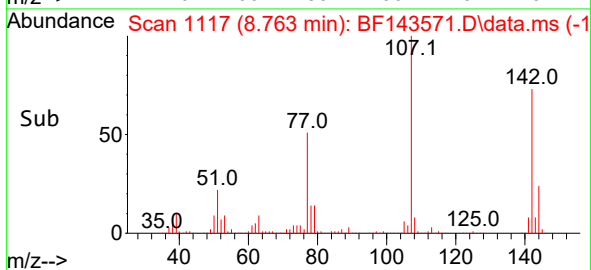
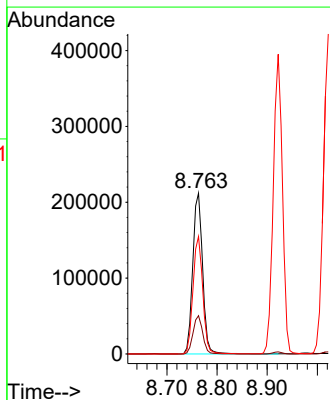
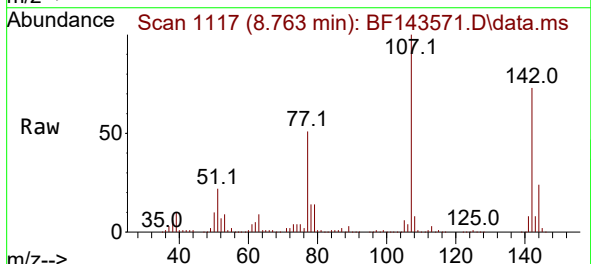
Manual Integrations
APPROVED

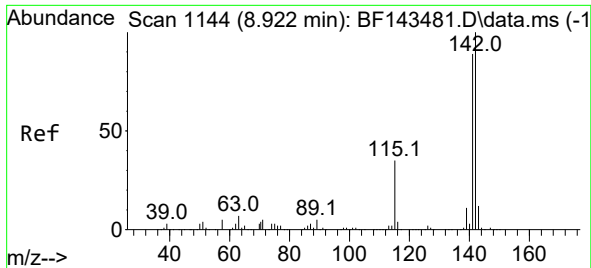
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#36
4-Chloro-3-methylphenol
Concen: 46.944 ng
RT: 8.763 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

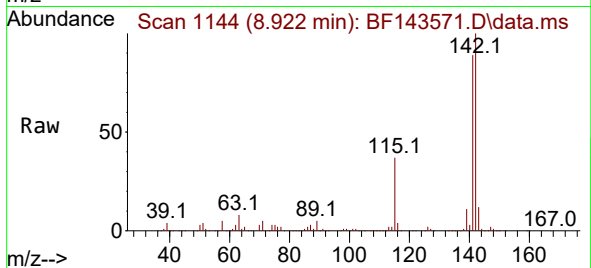
Tgt Ion:107 Resp: 288896
Ion Ratio Lower Upper
107 100
144 23.7 19.9 29.9
142 73.0 61.8 92.8





#37
2-Methylnaphthalene
Concen: 36.446 ng
RT: 8.922 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

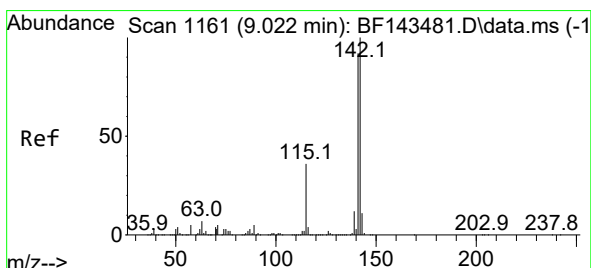
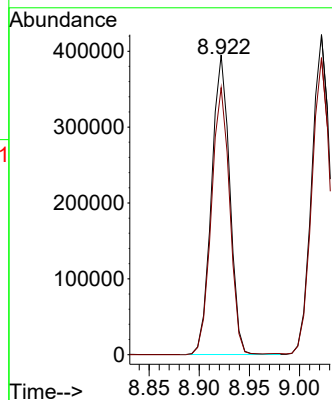
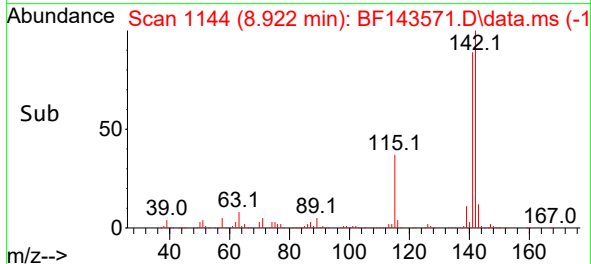
Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD



Tgt Ion:142 Resp: 498923
Ion Ratio Lower Upper
142 100
141 89.1 71.0 106.4

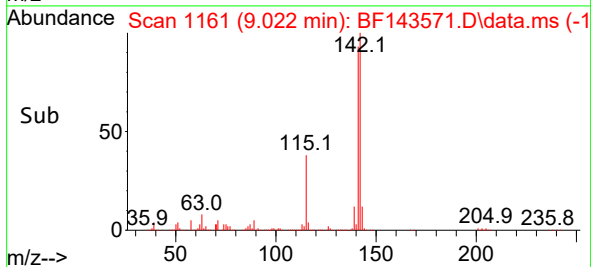
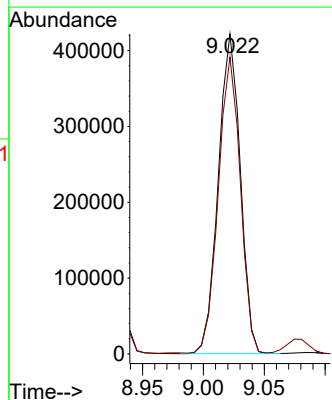
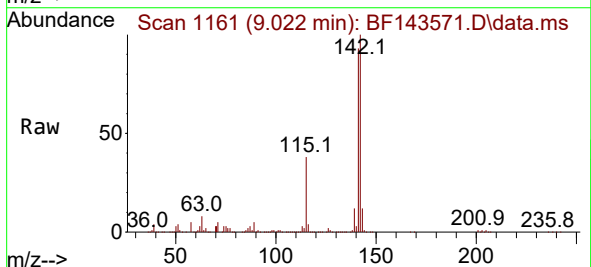
Manual Integrations
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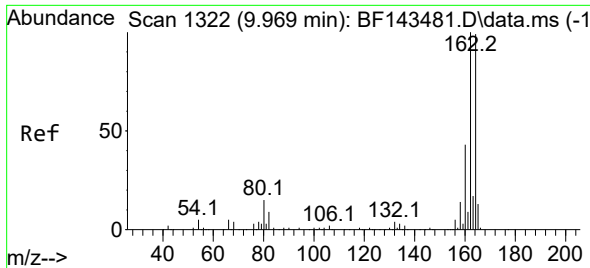
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#38
1-Methylnaphthalene
Concen: 40.508 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

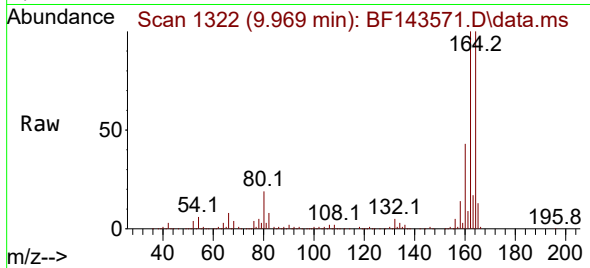
Tgt Ion:142 Resp: 530441
Ion Ratio Lower Upper
142 100
141 92.8 73.3 109.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

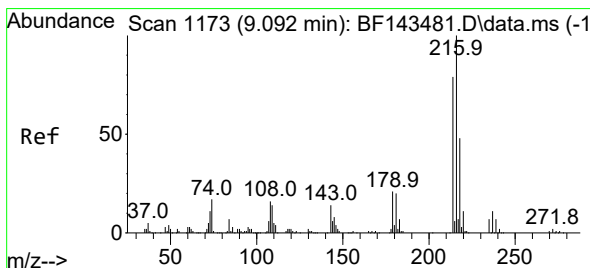
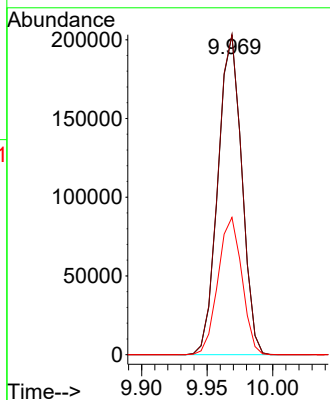
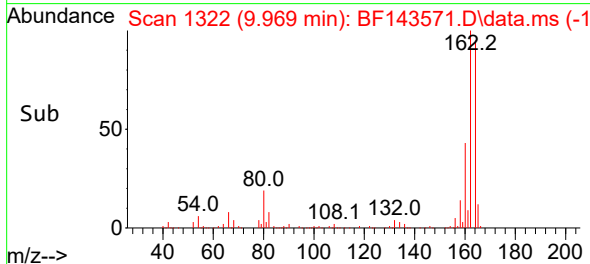
Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD



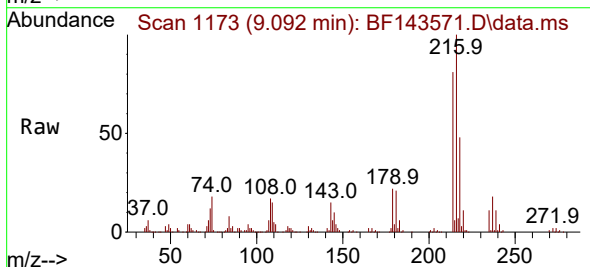
Tgt Ion:164 Resp: 255810
Ion Ratio Lower Upper
164 100
162 100.2 80.5 120.7
160 43.0 34.3 51.5

Manual Integrations
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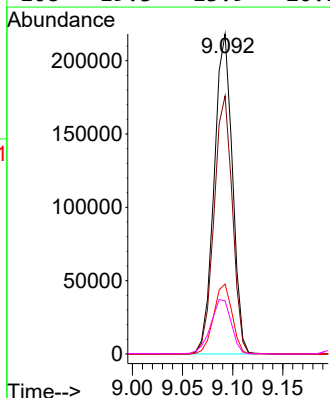
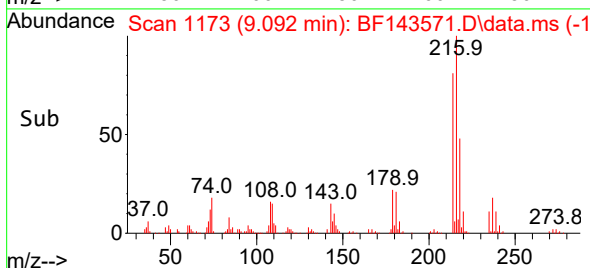
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

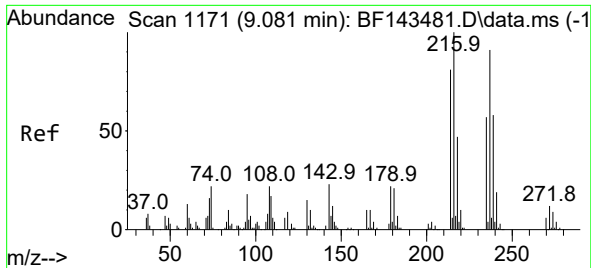


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.792 ng
RT: 9.092 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27



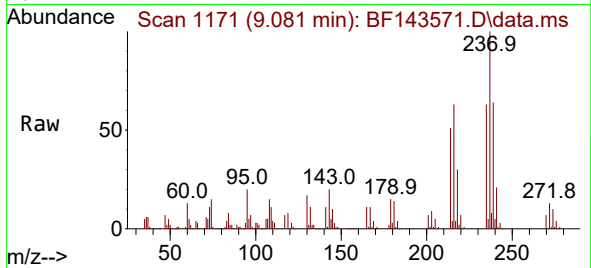
Tgt Ion:216 Resp: 276537
Ion Ratio Lower Upper
216 100
214 80.7 63.4 95.0
179 22.1 16.5 24.7
108 19.3 13.9 20.9





#41
Hexachlorocyclopentadiene
Concen: 75.748 ng
RT: 9.081 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

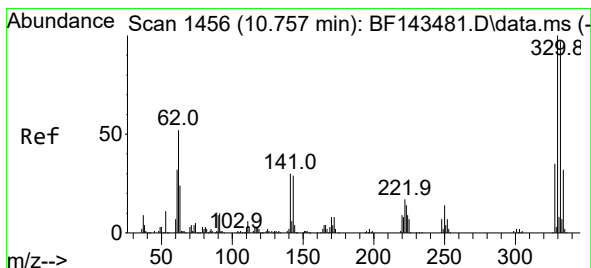
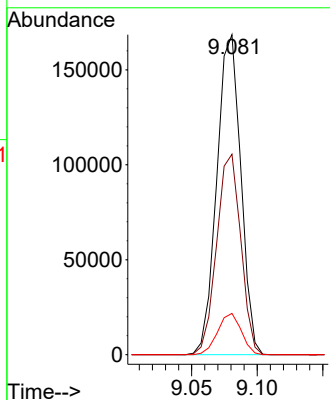
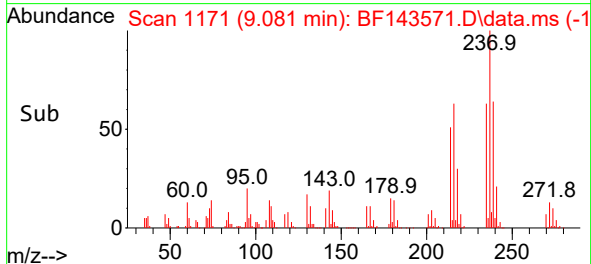
Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD



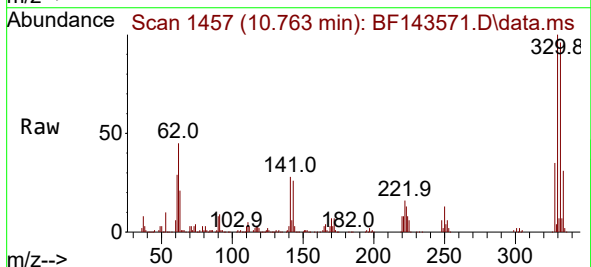
Tgt Ion:237 Resp: 214304
Ion Ratio Lower Upper
237 100
235 62.6 42.6 82.6
272 12.9 0.0 33.4

Manual Integrations
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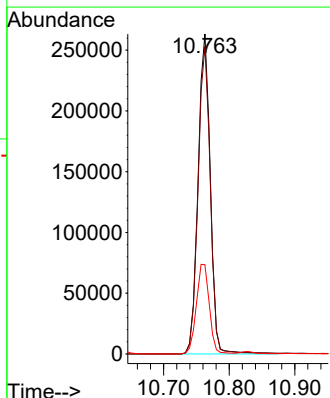
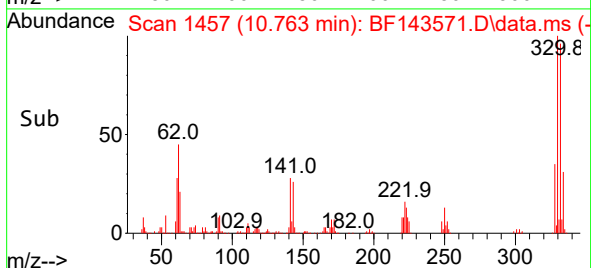
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

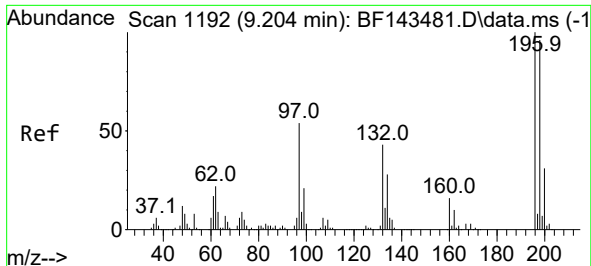


#42
2,4,6-Tribromophenol
Concen: 144.357 ng
RT: 10.763 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27



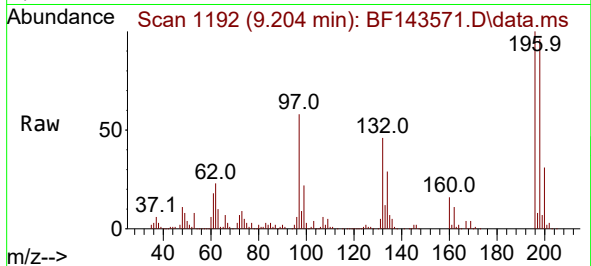
Tgt Ion:330 Resp: 343754
Ion Ratio Lower Upper
330 100
332 96.2 78.0 117.0
141 29.6 23.7 35.5





#43
2,4,6-Trichlorophenol
Concen: 45.854 ng
RT: 9.204 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

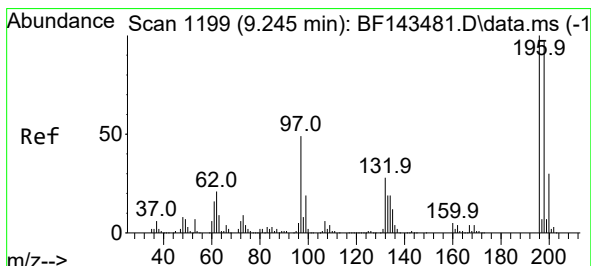
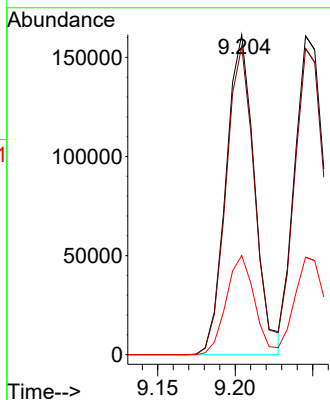
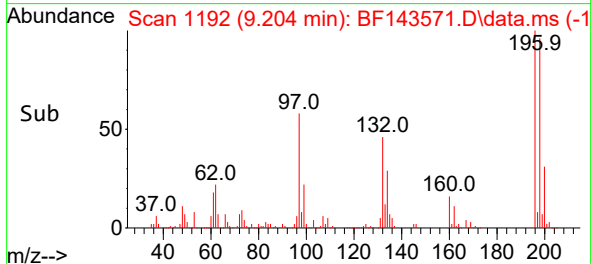
Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD



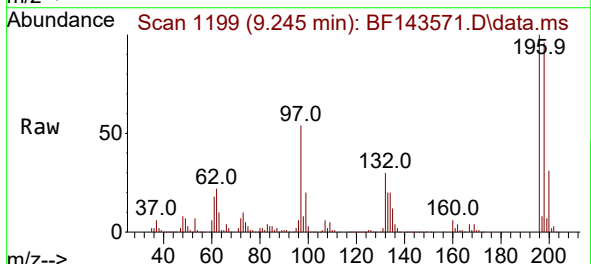
Tgt Ion:196 Resp: 206459
Ion Ratio Lower Upper
196 100
198 96.4 77.0 115.4
200 31.0 24.6 37.0

Manual Integrations
APPROVED

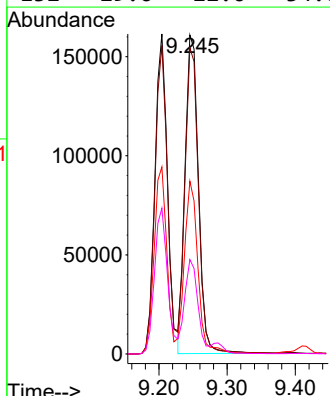
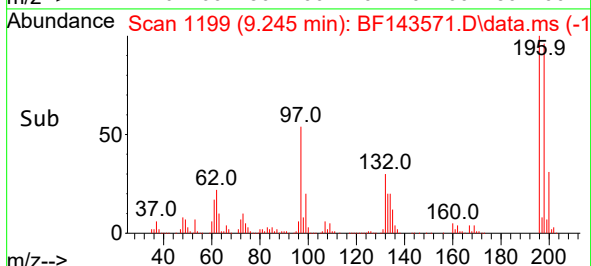
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

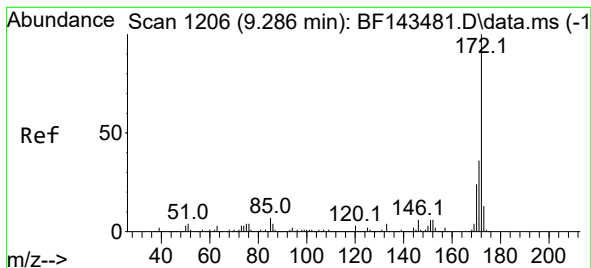


#44
2,4,5-Trichlorophenol
Concen: 44.599 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27



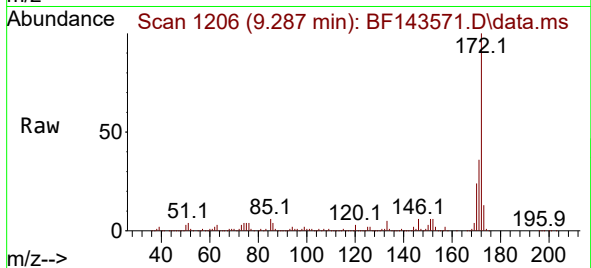
Tgt Ion:196 Resp: 219346
Ion Ratio Lower Upper
196 100
198 96.1 77.3 115.9
97 54.2 40.0 60.0
132 29.6 22.6 34.0





#45
2-Fluorobiphenyl
Concen: 85.852 ng
RT: 9.287 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

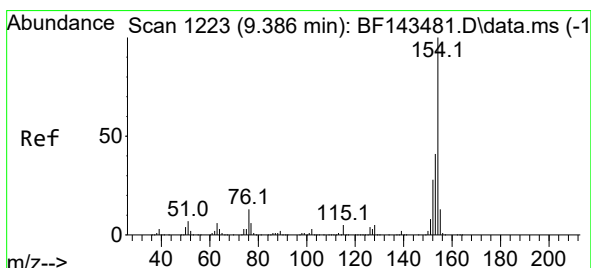
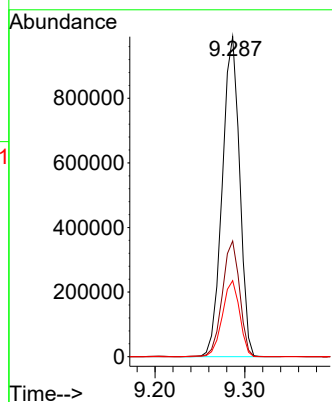
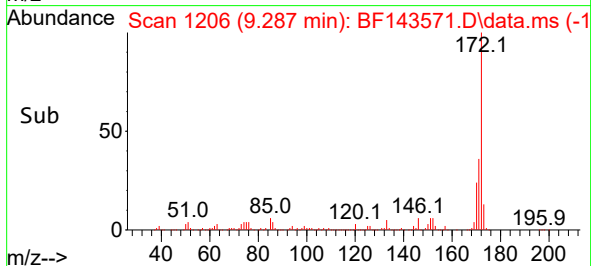
Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD



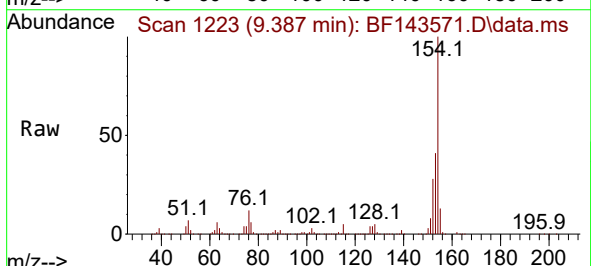
Tgt Ion:172 Resp: 132889
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 23.8 18.8 28.2

Manual Integrations
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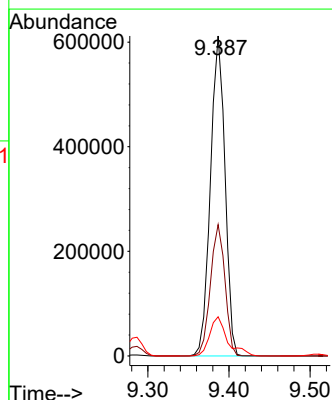
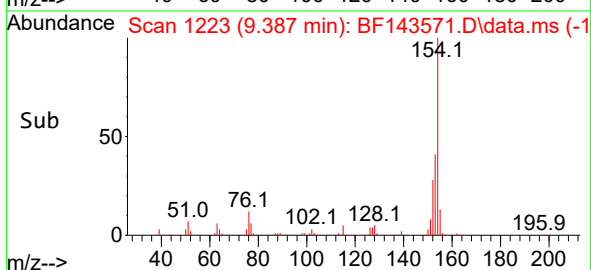
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

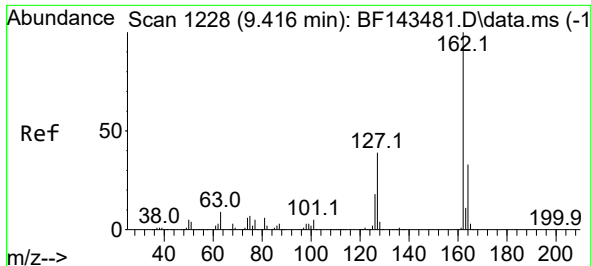


#46
1,1'-Biphenyl
Concen: 41.866 ng
RT: 9.387 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27



Tgt Ion:154 Resp: 760176
Ion Ratio Lower Upper
154 100
153 41.1 20.6 60.6
76 12.3 0.0 33.0





#47

2-Chloronaphthalene

Concen: 40.323 ng

RT: 9.410 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF143571.D

Acq: 22 Aug 2025 14:27

Instrument :

BNA_F

ClientSampleId :

MW-6B-081925MSD

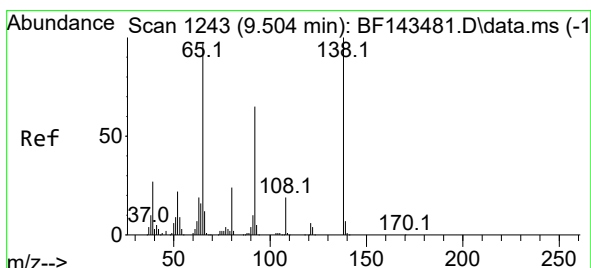
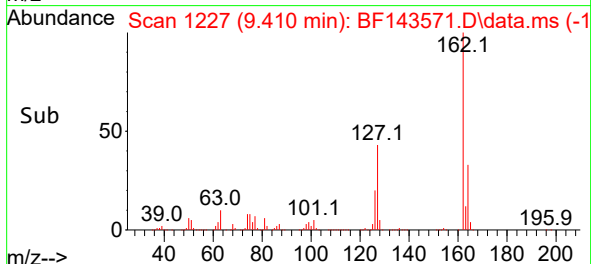
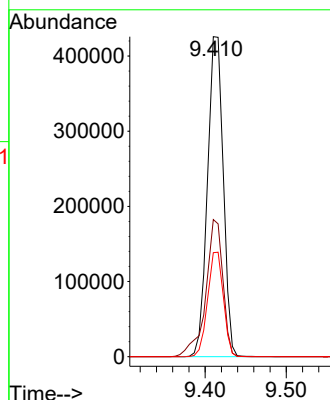
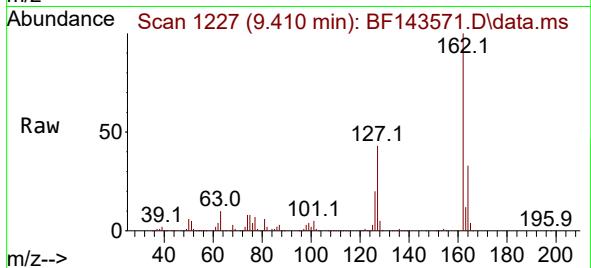
Tgt Ion:162 Resp: 574460
 Ion Ratio Lower Upper
 162 100
 127 42.9 31.8 47.6
 164 32.5 26.4 39.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/25/2025

Supervised By :Jagrut Upadhyay 08/25/2025



#48

2-Nitroaniline

Concen: 50.137 ng

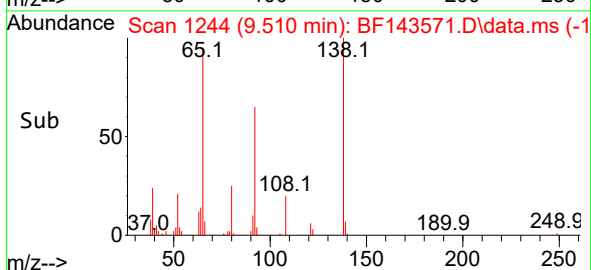
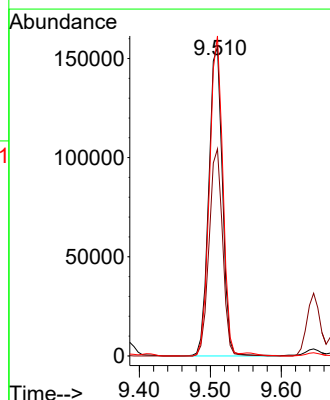
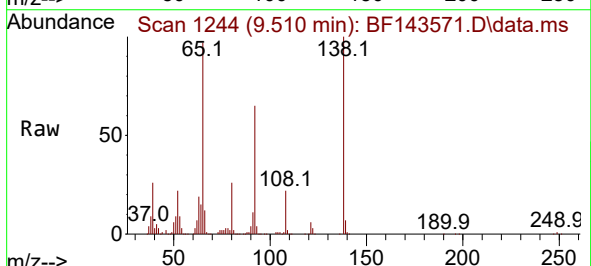
RT: 9.510 min Scan# 1244

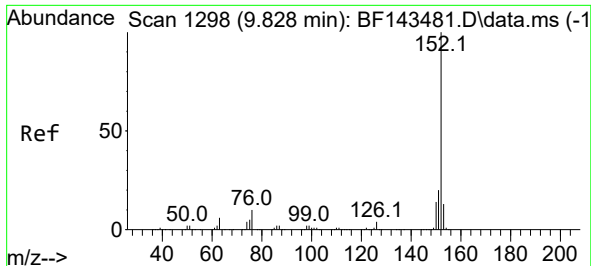
Delta R.T. 0.000 min

Lab File: BF143571.D

Acq: 22 Aug 2025 14:27

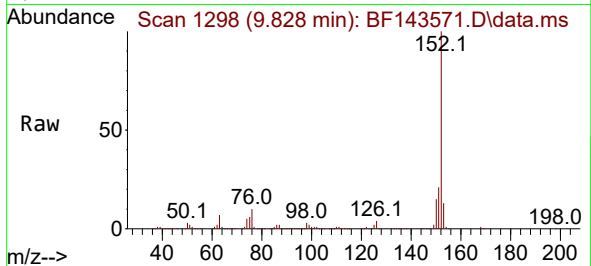
Tgt Ion: 65 Resp: 209045
 Ion Ratio Lower Upper
 65 100
 92 67.0 53.8 80.6
 138 103.5 82.4 123.6





#49
Acenaphthylene
Concen: 47.965 ng
RT: 9.828 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

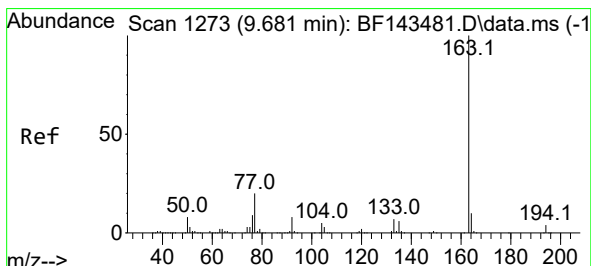
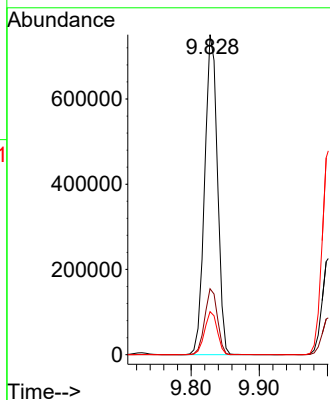
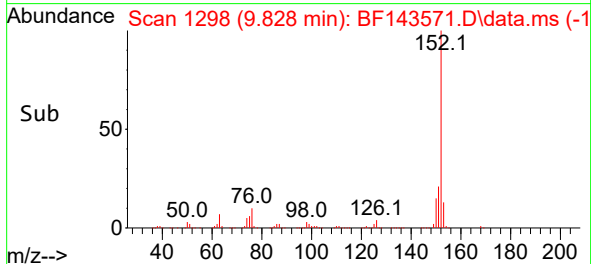
Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD



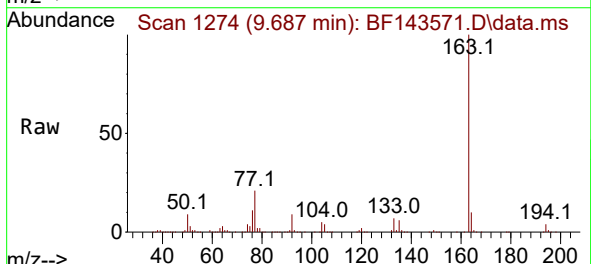
Tgt Ion:152 Resp: 97844
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 13.4 10.6 15.8

Manual Integrations
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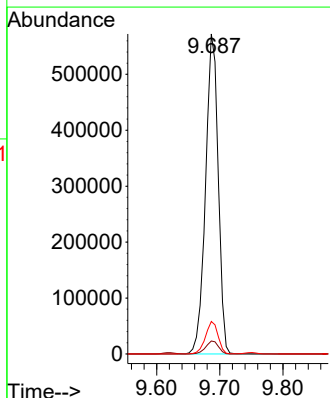
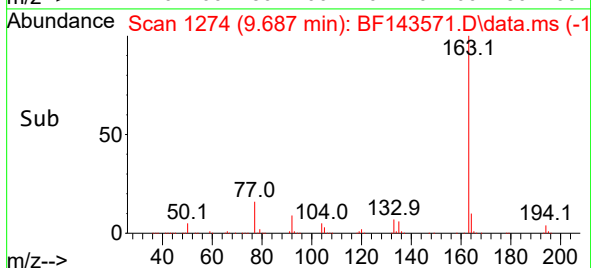
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

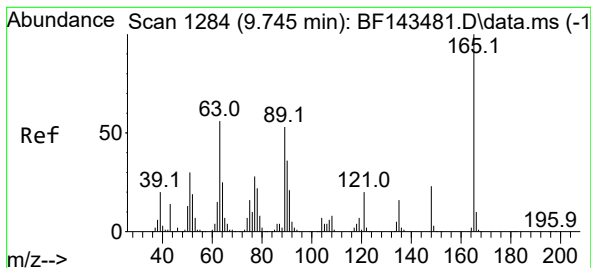


#50
Dimethylphthalate
Concen: 51.818 ng
RT: 9.687 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27



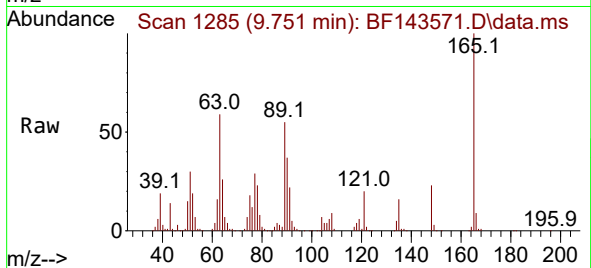
Tgt Ion:163 Resp: 798362
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 53.083 ng
RT: 9.751 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

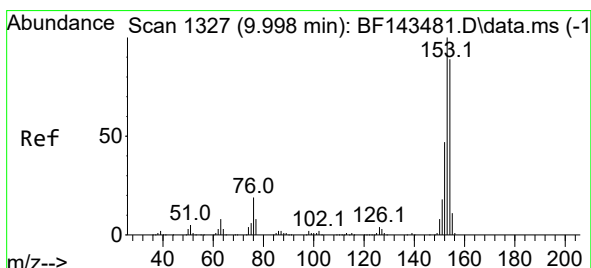
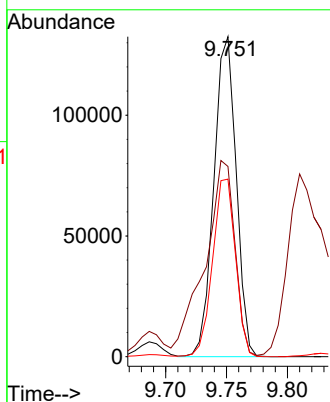
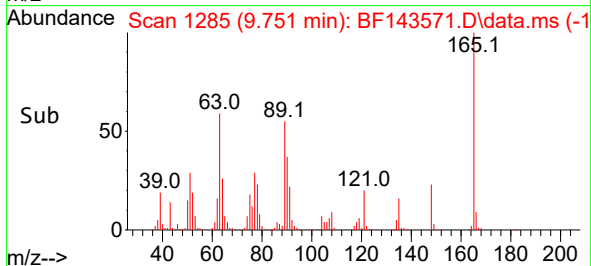
Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD



Tgt Ion:165 Resp: 169508
Ion Ratio Lower Upper
165 100
63 59.4 45.0 67.6
89 55.5 42.5 63.7

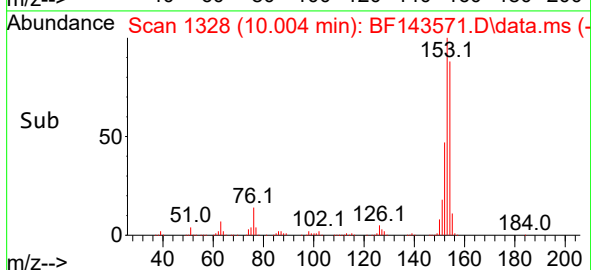
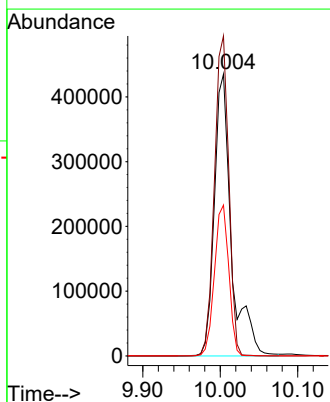
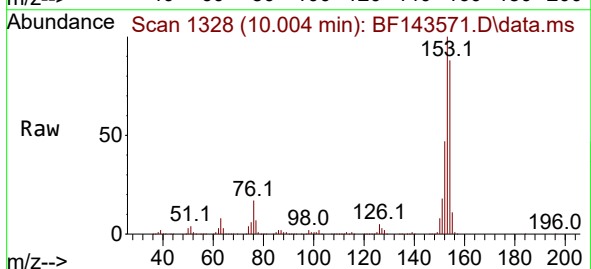
Manual Integrations
APPROVED

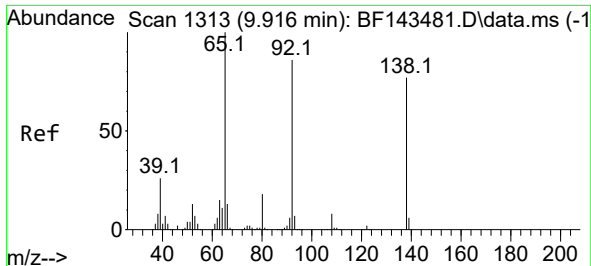
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#52
Acenaphthene
Concen: 48.107 ng
RT: 10.004 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

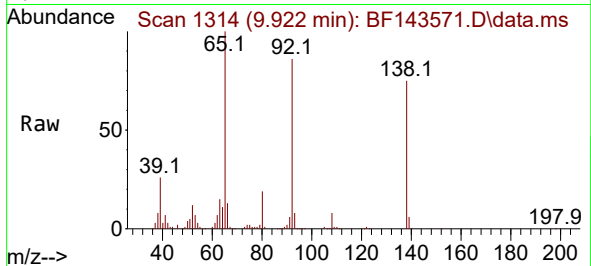
Tgt Ion:154 Resp: 666294
Ion Ratio Lower Upper
154 100
153 113.5 89.5 134.3
152 53.5 42.5 63.7





#53
3-Nitroaniline
Concen: 28.775 ng
RT: 9.922 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

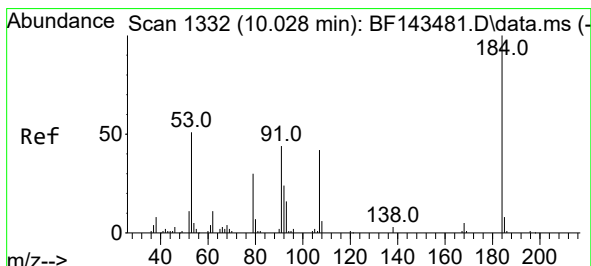
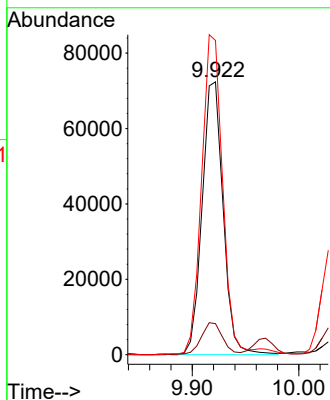
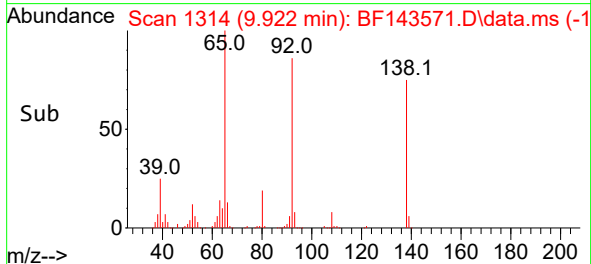
Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD



Tgt Ion:138 Resp: 99285
Ion Ratio Lower Upper
138 100
108 11.4 8.6 13.0
92 115.2 89.8 134.8

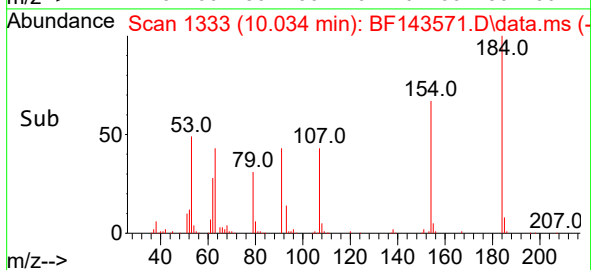
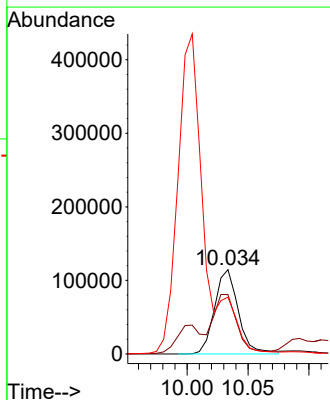
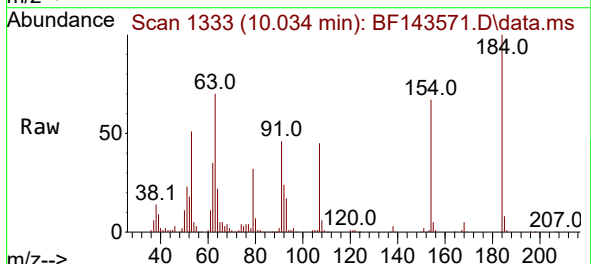
Manual Integrations
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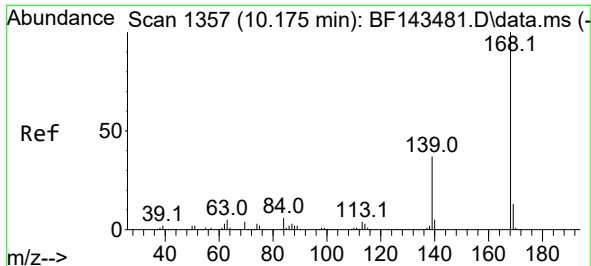
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#54
2,4-Dinitrophenol
Concen: 90.406 ng
RT: 10.034 min Scan# 1333
Delta R.T. 0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

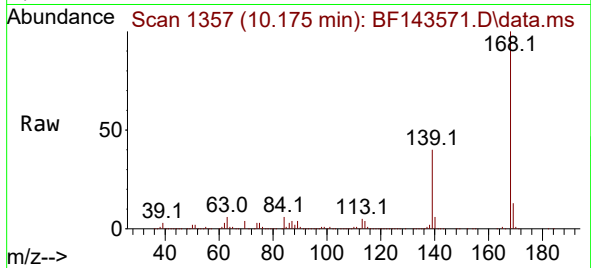
Tgt Ion:184 Resp: 155643
Ion Ratio Lower Upper
184 100
63 70.4 52.6 78.8
154 67.4 51.0 76.4





#55
Dibenzenofuran
Concen: 44.726 ng
RT: 10.175 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

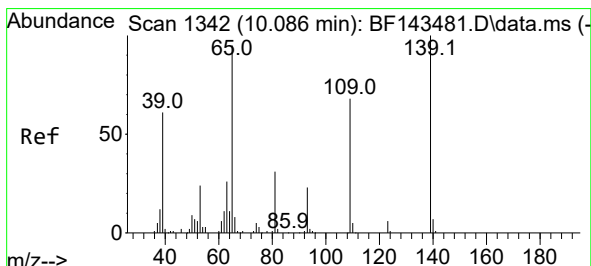
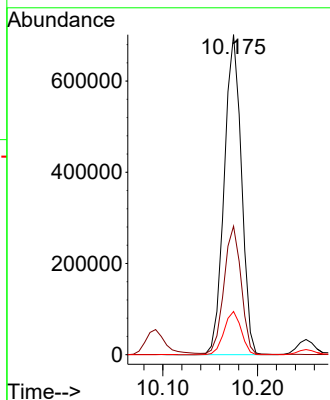
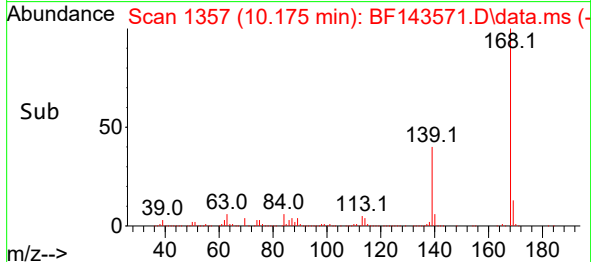
Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD



Tgt Ion:168 Resp: 88317
Ion Ratio Lower Upper
168 100
139 40.2 29.8 44.6
169 13.5 10.8 16.2

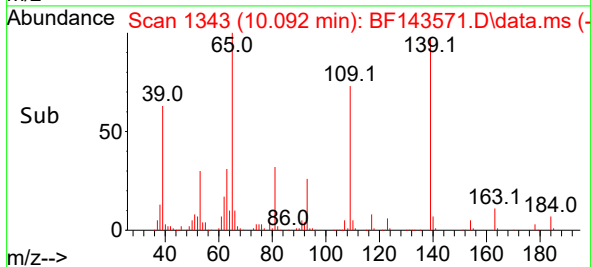
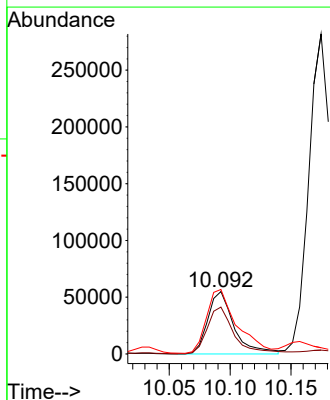
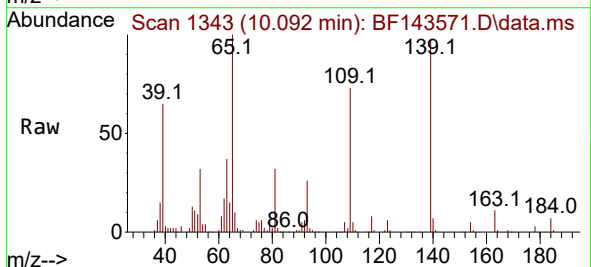
Manual Integrations
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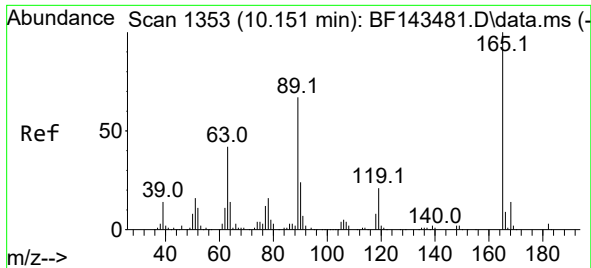
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#56
4-Nitrophenol
Concen: 40.066 ng
RT: 10.092 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

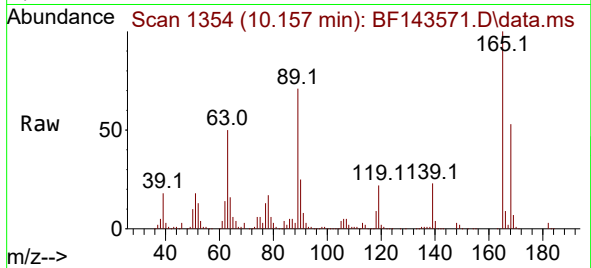
Tgt Ion:139 Resp: 82256
Ion Ratio Lower Upper
139 100
109 75.1 48.2 88.2
65 103.5 75.8 115.8





#57
2,4-Dinitrotoluene
Concen: 53.729 ng
RT: 10.157 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

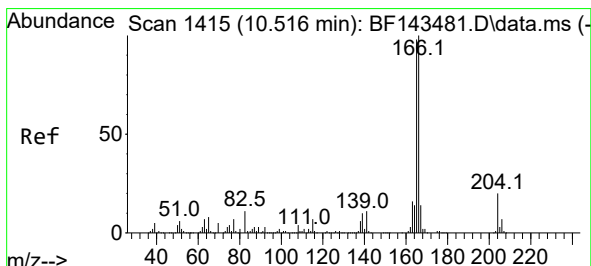
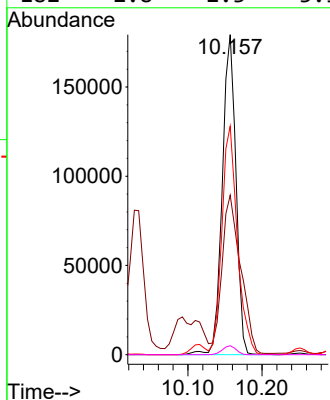
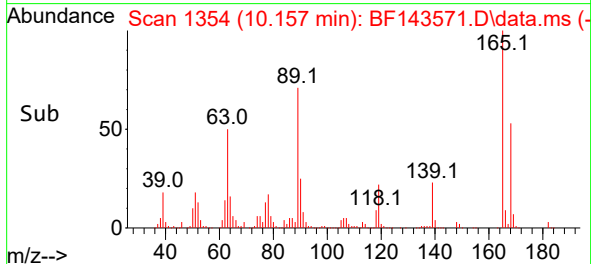
Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD



Tgt Ion:165 Resp: 22908
Ion Ratio Lower Upper
165 100
63 49.9 34.9 52.3
89 71.4 53.3 79.9
182 2.8 2.3 3.5

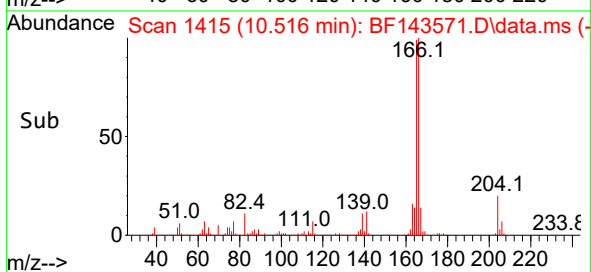
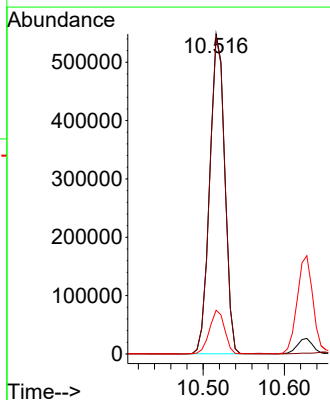
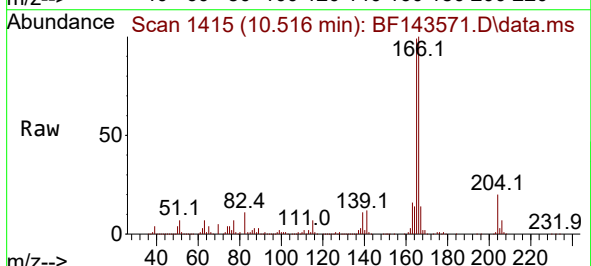
Manual Integrations
APPROVED

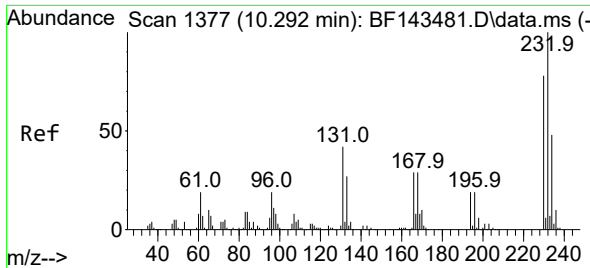
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#58
Fluorene
Concen: 46.360 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

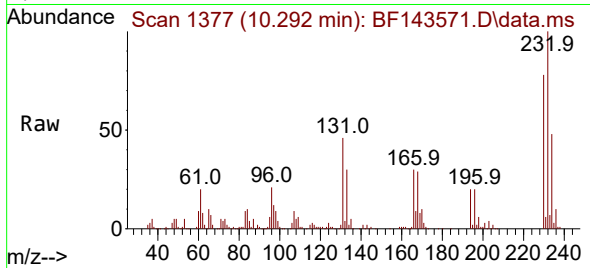
Tgt Ion:166 Resp: 704567
Ion Ratio Lower Upper
166 100
165 99.0 78.3 117.5
167 13.7 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.893 ng
RT: 10.292 min Scan# 1377
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

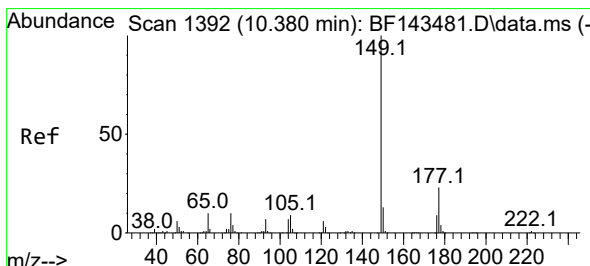
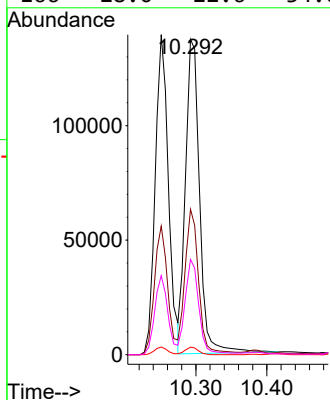
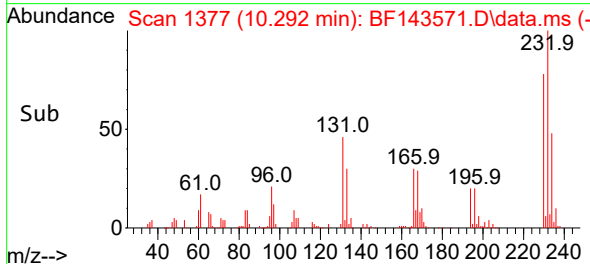
Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD



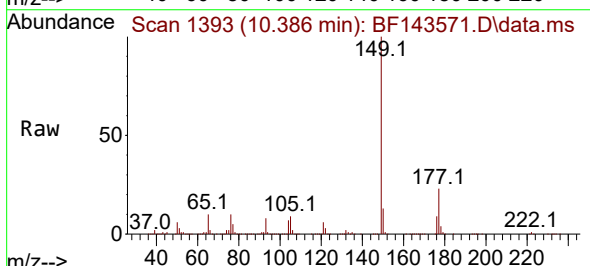
Tgt Ion:232 Resp: 18961
Ion Ratio Lower Upper
232 100
131 44.5 32.7 49.1
130 2.2 1.6 2.4
166 28.0 22.6 34.0

Manual Integrations
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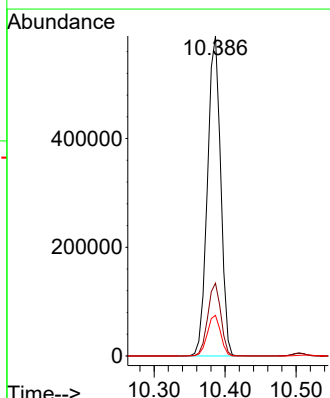
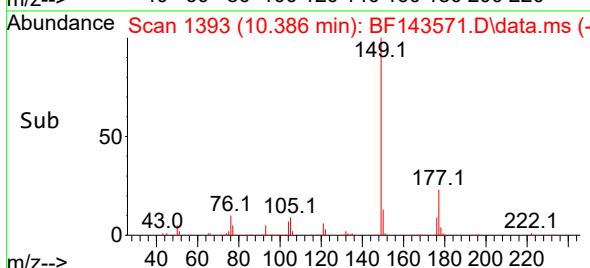
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

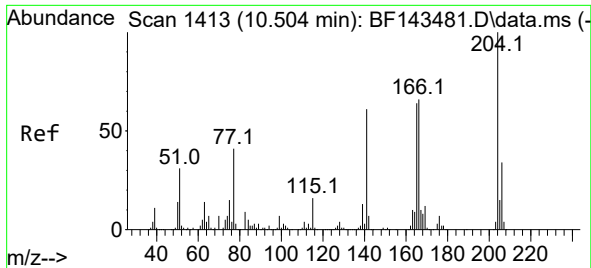


#60
Diethylphthalate
Concen: 55.125 ng
RT: 10.386 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27



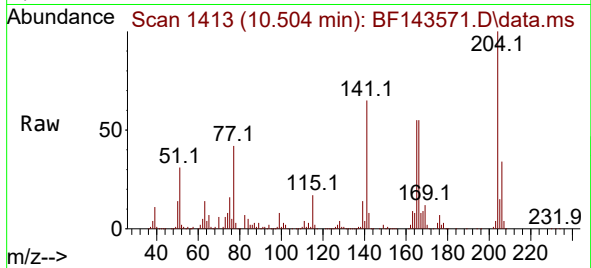
Tgt Ion:149 Resp: 761464
Ion Ratio Lower Upper
149 100
177 22.8 18.3 27.5
150 12.7 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 46.625 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

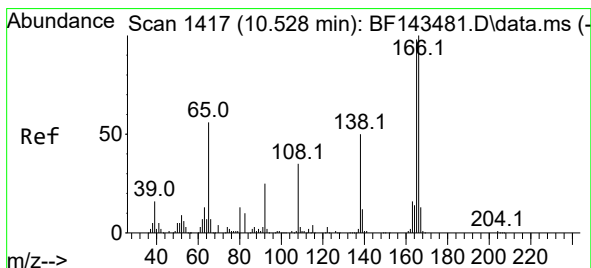
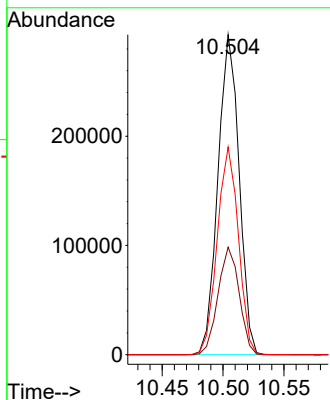
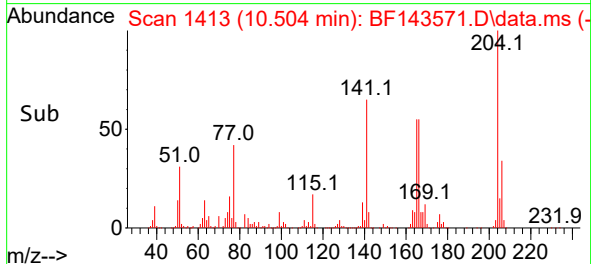
Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD



Tgt Ion:204 Resp: 35438
Ion Ratio Lower Upper
204 100
206 33.6 27.0 40.4
141 64.9 48.7 73.1

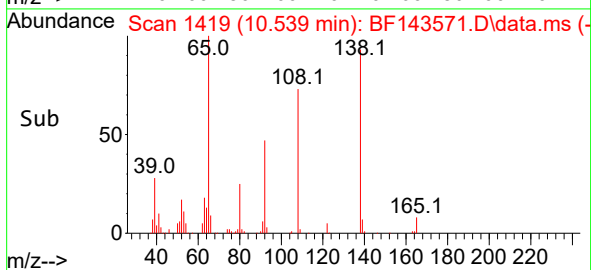
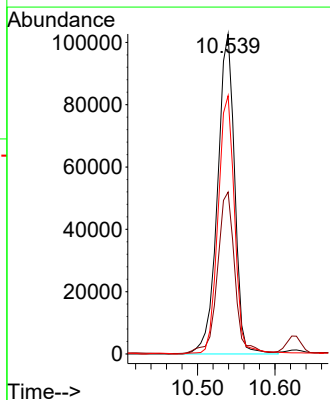
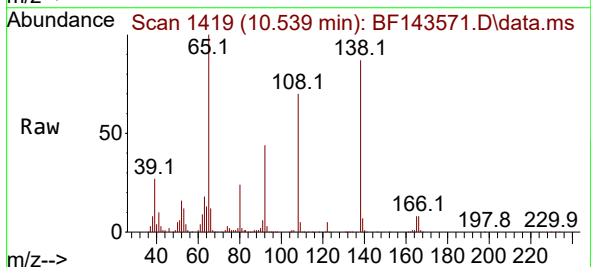
Manual Integrations
APPROVED

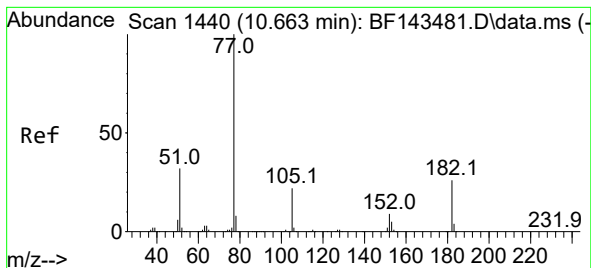
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#62
4-Nitroaniline
Concen: 49.821 ng
RT: 10.539 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

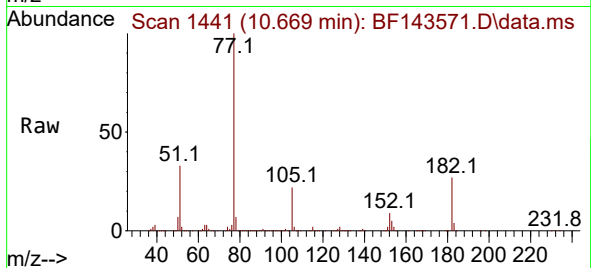
Tgt Ion:138 Resp: 157900
Ion Ratio Lower Upper
138 100
92 50.6 29.3 69.3
108 80.7 50.7 90.7





#63
Azobenzene
Concen: 52.310 ng
RT: 10.669 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

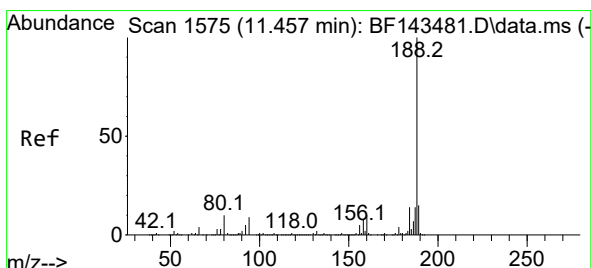
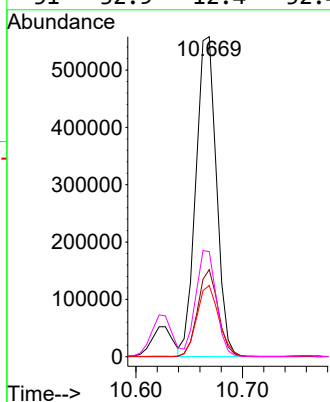
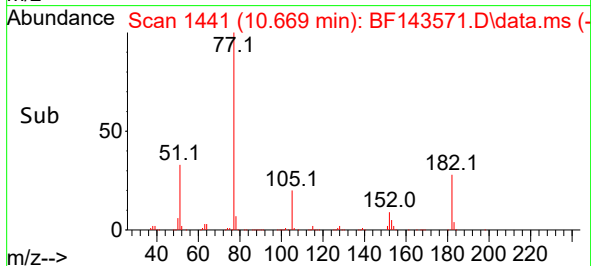
Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD



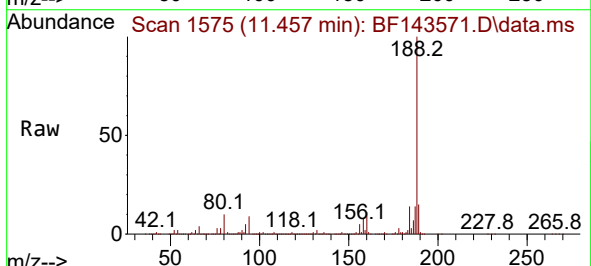
Tgt Ion: 77 Resp: 74923
Ion Ratio Lower Upper
77 100
182 27.2 6.2 46.2
105 22.3 2.2 42.2
51 32.9 12.4 52.4

Manual Integrations
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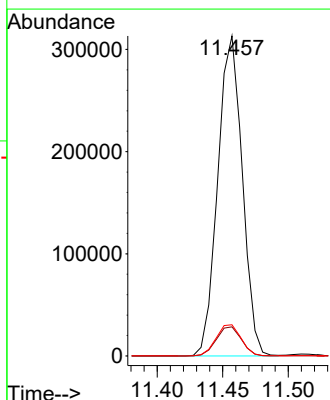
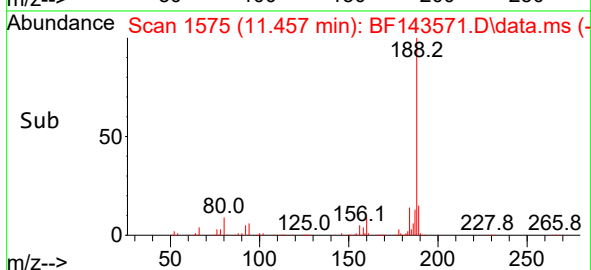
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

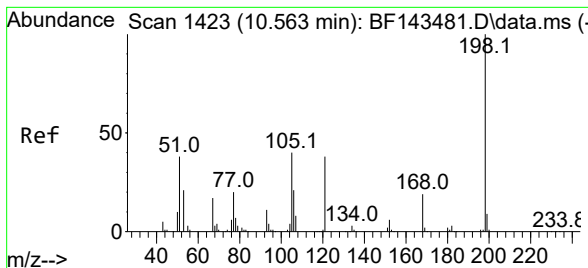


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27



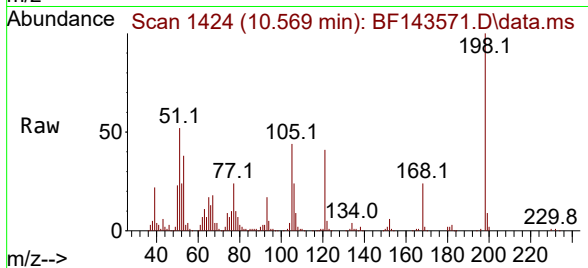
Tgt Ion:188 Resp: 407531
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 9.8 8.2 12.4





#65
4,6-Dinitro-2-methylphenol
Concen: 50.559 ng
RT: 10.569 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

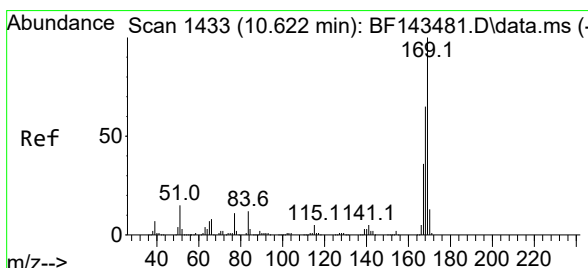
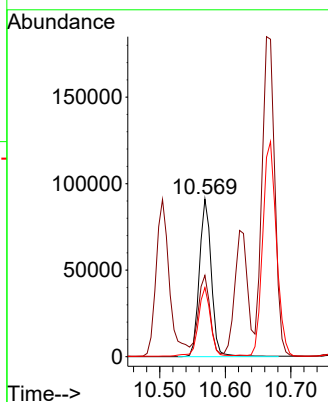
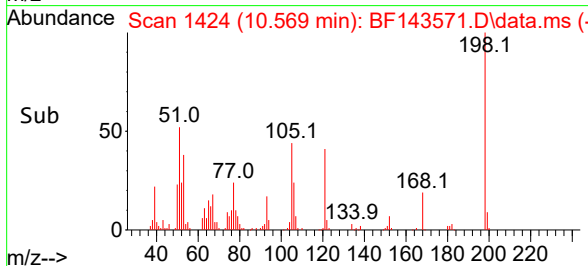
Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD



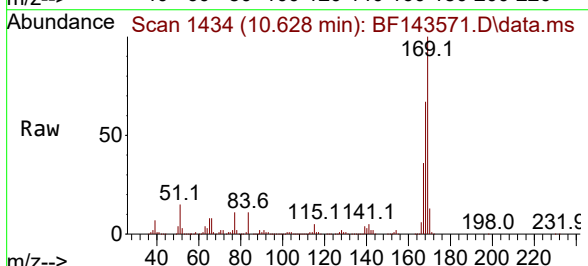
Tgt Ion:198 Resp: 11617
Ion Ratio Lower Upper
198 100
51 51.6 29.6 69.6
105 43.8 21.5 61.5

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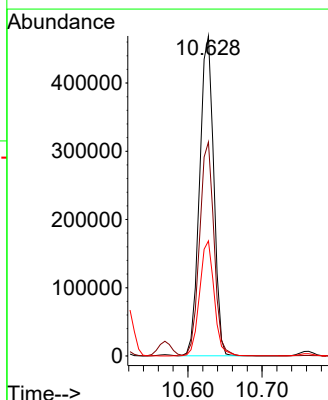
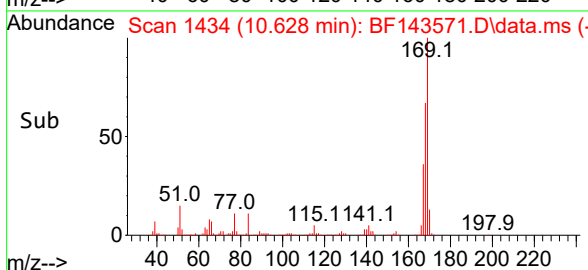
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

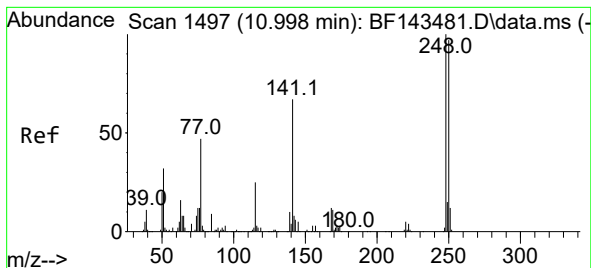


#66
n-Nitrosodiphenylamine
Concen: 47.262 ng
RT: 10.628 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27



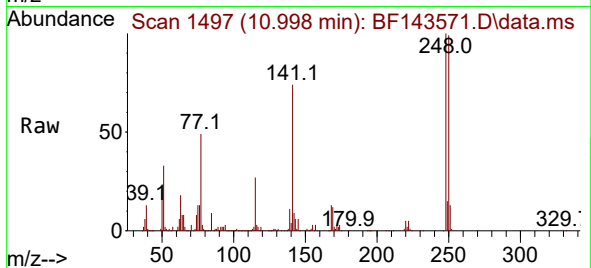
Tgt Ion:169 Resp: 619849
Ion Ratio Lower Upper
169 100
168 66.8 52.4 78.6
167 35.9 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 48.171 ng
RT: 10.998 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

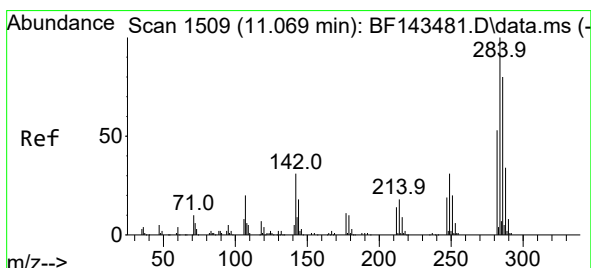
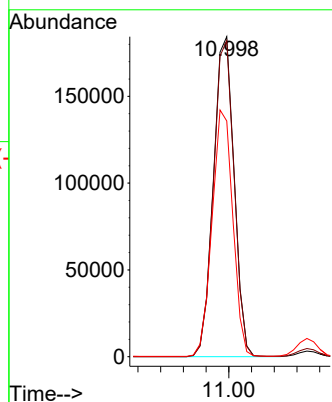
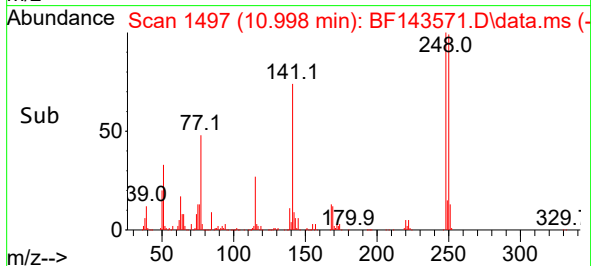
Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD



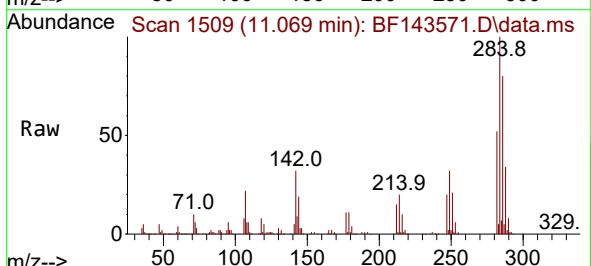
Tgt Ion:248 Resp: 234232
Ion Ratio Lower Upper
248 100
250 98.8 77.8 116.8
141 73.7 54.0 81.0

Manual Integrations
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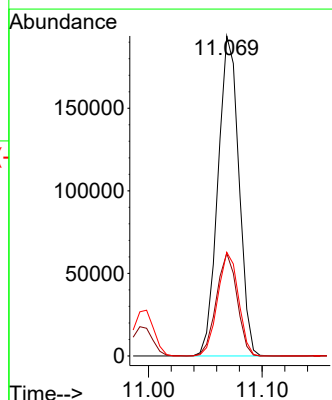
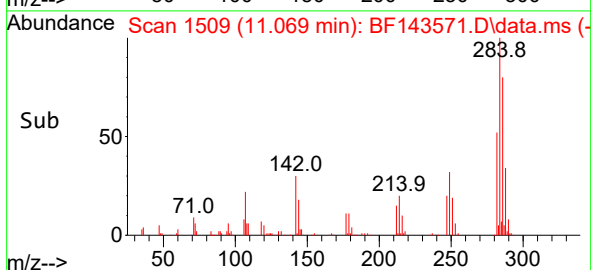
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

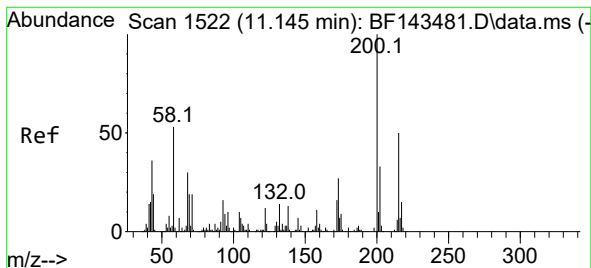


#68
Hexachlorobenzene
Concen: 47.365 ng
RT: 11.069 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27



Tgt Ion:284 Resp: 248260
Ion Ratio Lower Upper
284 100
142 32.1 24.4 36.6
249 32.4 25.0 37.6





#69

Atrazine

Concen: 59.492 ng

RT: 11.151 min Scan# 1523

Delta R.T. 0.000 min

Lab File: BF143571.D

Acq: 22 Aug 2025 14:27

Instrument :

BNA_F

ClientSampleId :

MW-6B-081925MSD

Tgt Ion:200 Resp: 201408

Ion Ratio Lower Upper

200 100

173 26.5 6.9 46.9

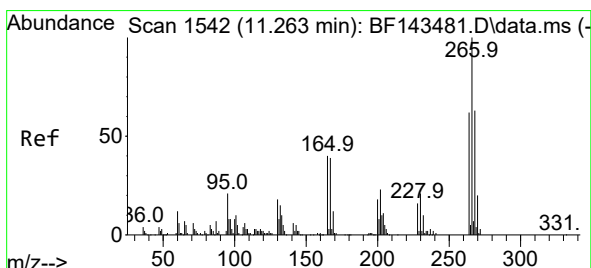
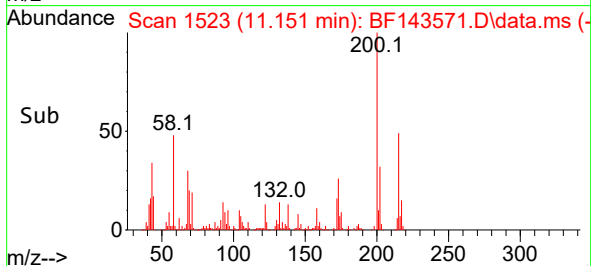
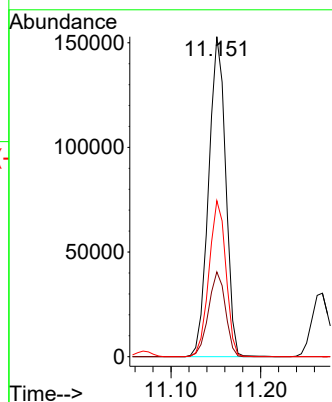
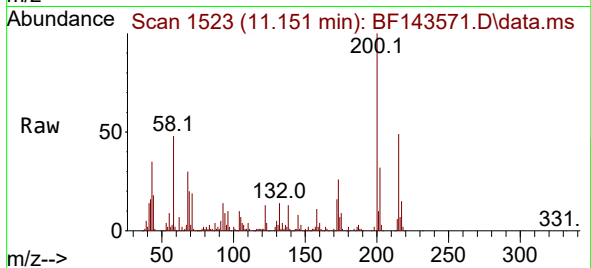
215 48.7 30.0 70.0

Manual Integrations

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Supervised By :Jagrut Upadhyay 08/25/2025



#70

Pentachlorophenol

Concen: 107.130 ng

RT: 11.269 min Scan# 1543

Delta R.T. 0.000 min

Lab File: BF143571.D

Acq: 22 Aug 2025 14:27

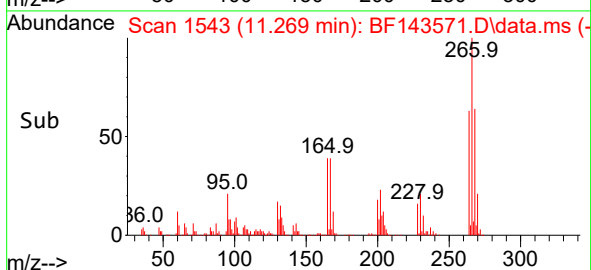
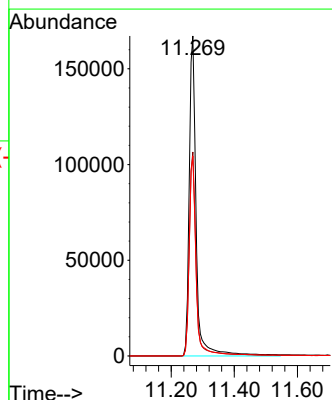
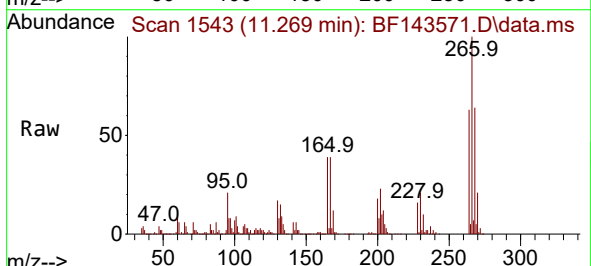
Tgt Ion:266 Resp: 257162

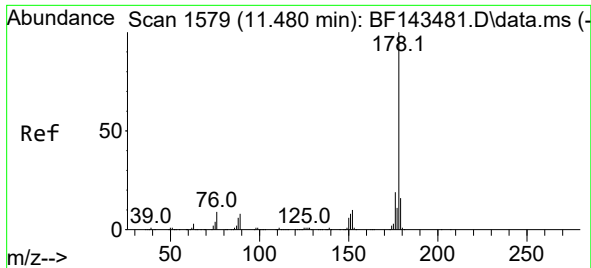
Ion Ratio Lower Upper

266 100

268 63.8 50.5 75.7

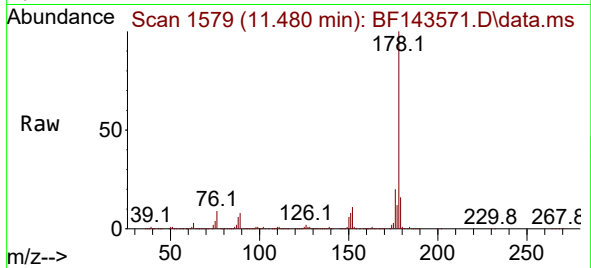
264 62.6 49.8 74.8





#71
Phenanthrene
Concen: 45.593 ng
RT: 11.480 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

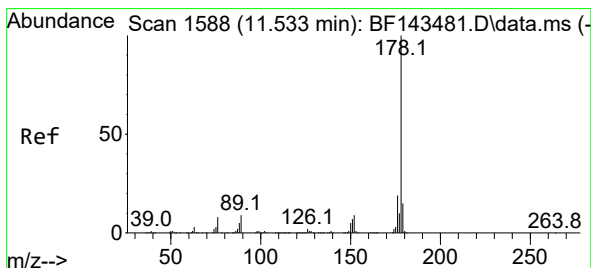
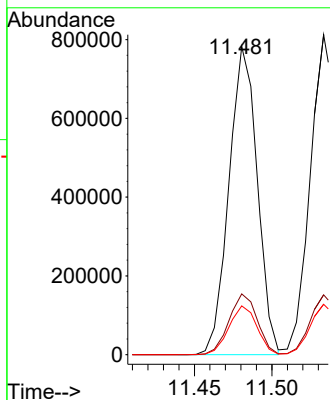
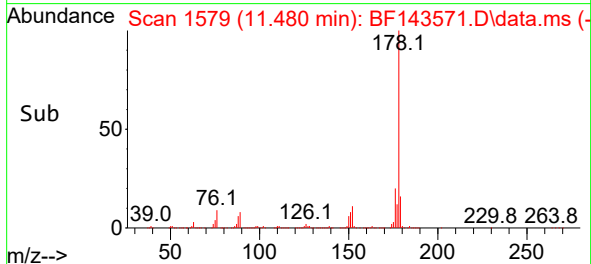
Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD



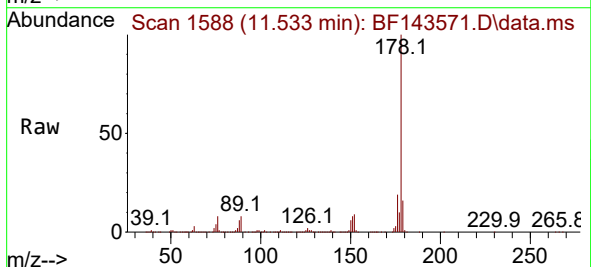
Tgt Ion:178 Resp: 995019
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 15.9 12.5 18.7

Manual Integrations
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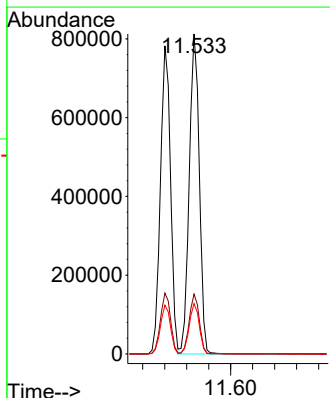
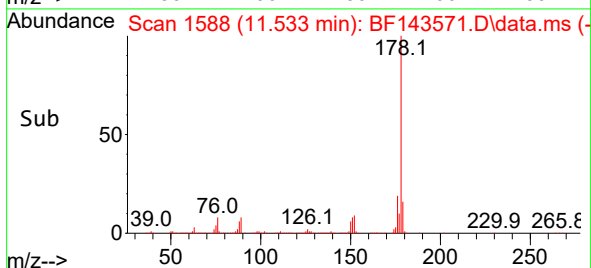
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

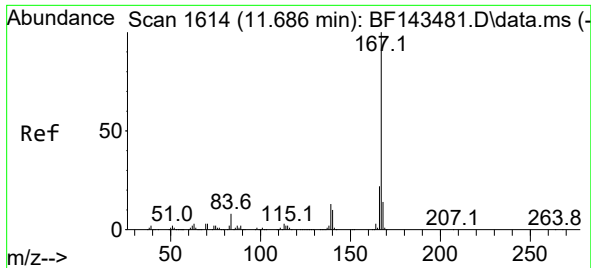


#72
Anthracene
Concen: 46.633 ng
RT: 11.533 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27



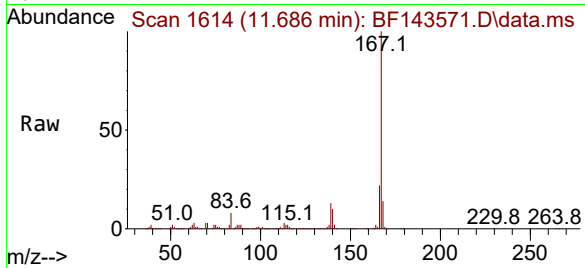
Tgt Ion:178 Resp: 1030994
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.8 12.3 18.5





#73
 Carbazole
 Concen: 46.464 ng
 RT: 11.686 min Scan# 1614
 Delta R.T. 0.000 min
 Lab File: BF143571.D
 Acq: 22 Aug 2025 14:27

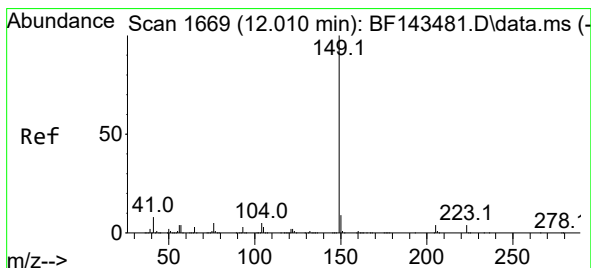
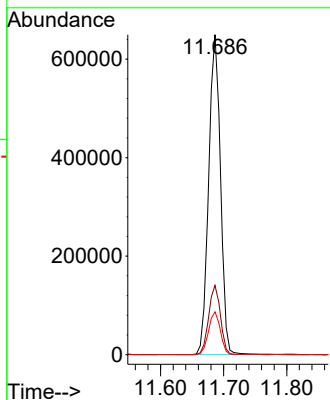
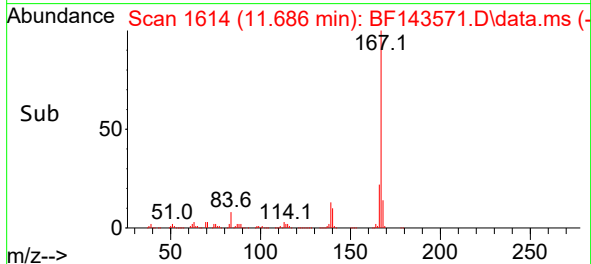
Instrument :
 BNA_F
 ClientSampleId :
 MW-6B-081925MSD



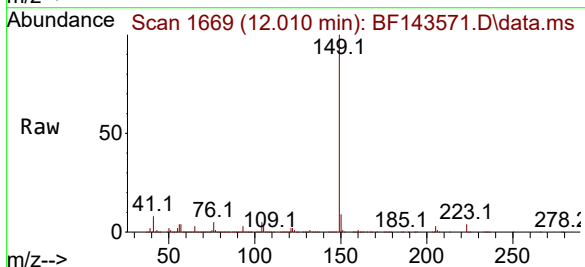
Tgt Ion:167 Resp: 841718
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.3 25.9
 139 13.4 10.0 15.0

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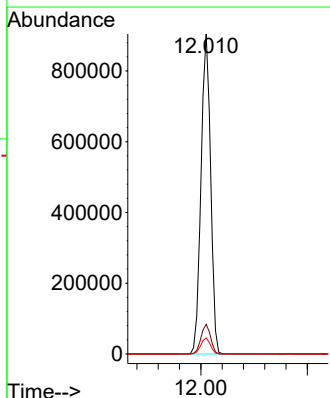
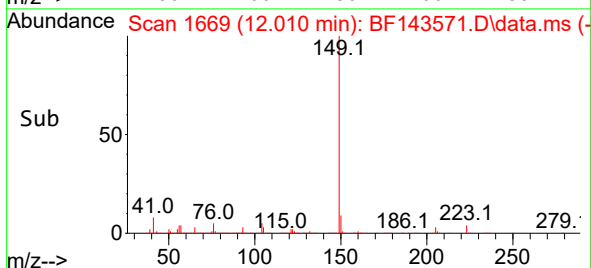
Reviewed By :Rahul Chavli 08/25/2025
 Supervised By :Jagrut Upadhyay 08/25/2025

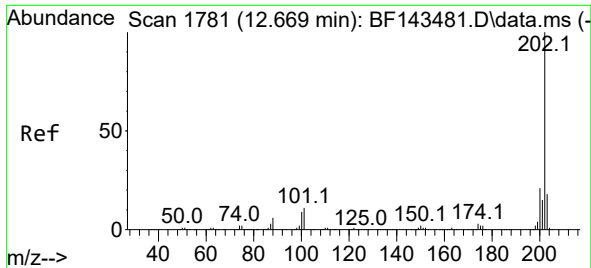


#74
 Di-n-butylphthalate
 Concen: 66.704 ng
 RT: 12.010 min Scan# 1669
 Delta R.T. 0.000 min
 Lab File: BF143571.D
 Acq: 22 Aug 2025 14:27



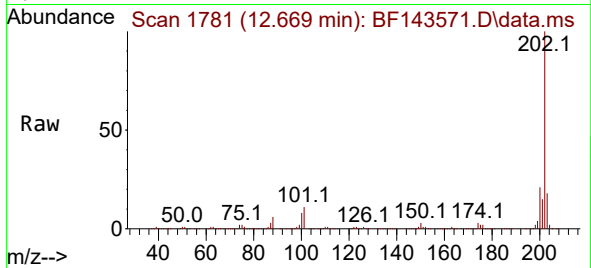
Tgt Ion:149 Resp: 1127277
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.2 10.8
 104 5.0 3.6 5.4





#75
Fluoranthene
Concen: 46.690 ng
RT: 12.669 min Scan# 1781
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

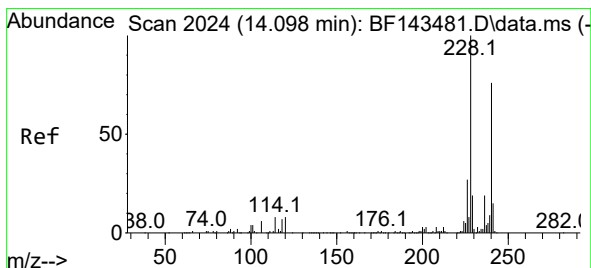
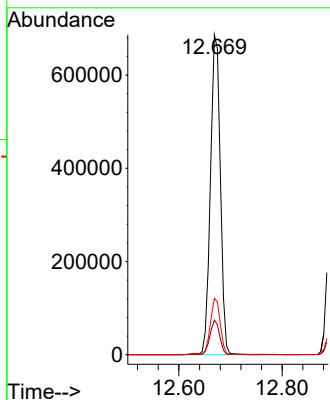
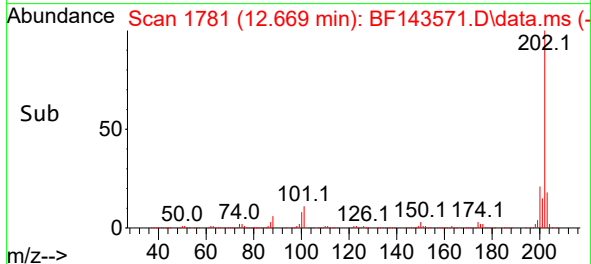
Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD



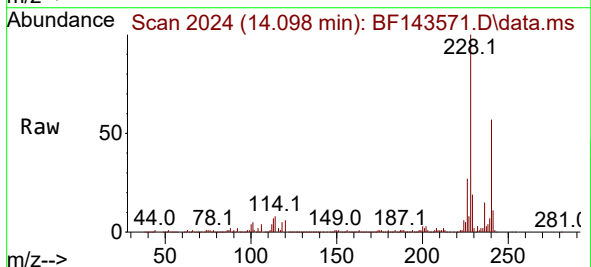
Tgt Ion:202 Resp: 914300
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.3
203 17.6 0.0 37.9

Manual Integrations
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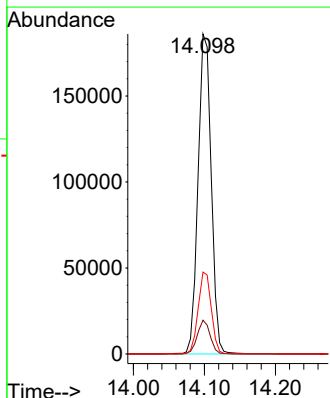
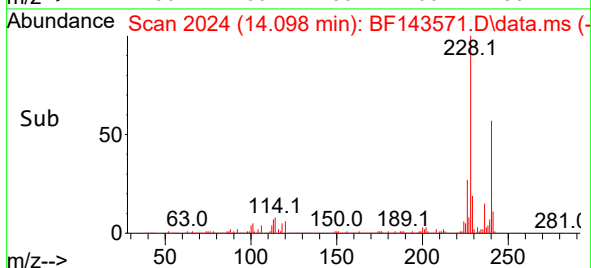
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

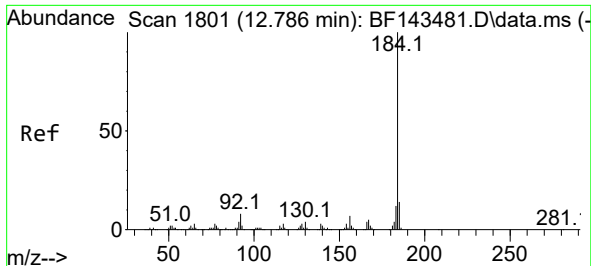


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27



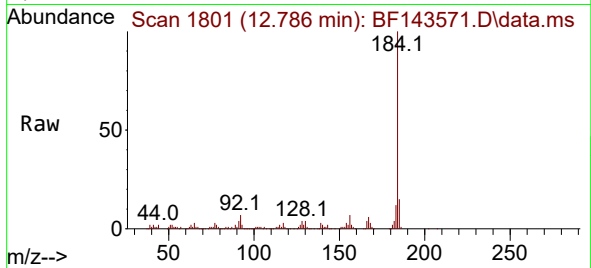
Tgt Ion:240 Resp: 240925
Ion Ratio Lower Upper
240 100
120 10.5 8.6 12.8
236 25.6 20.4 30.6





#77
Benzidine
Concen: 27.556 ng
RT: 12.786 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

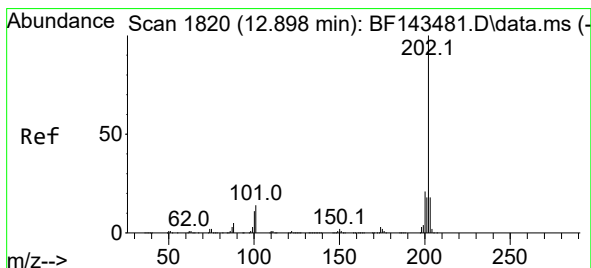
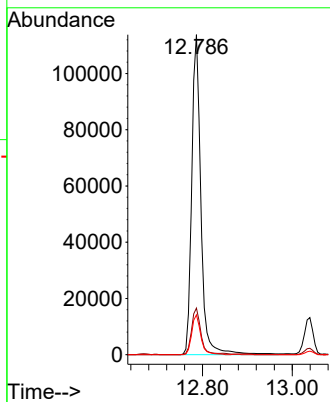
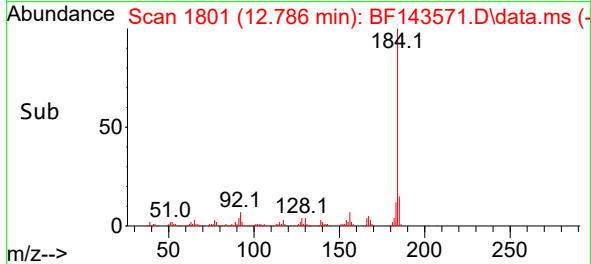
Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD



Tgt Ion:184 Resp: 161710
Ion Ratio Lower Upper
184 100
185 14.5 11.3 16.9
183 12.4 9.5 14.3

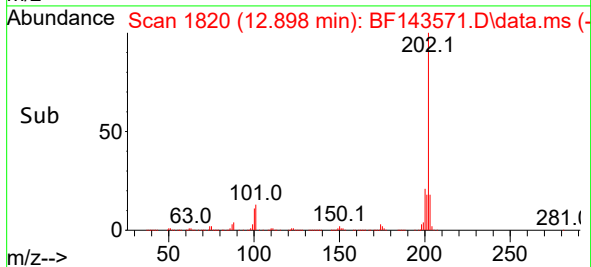
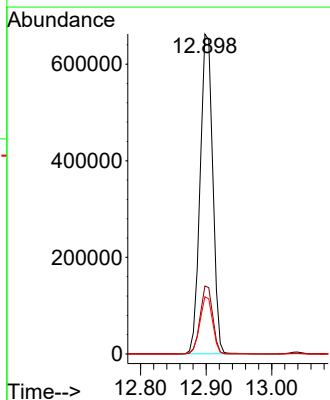
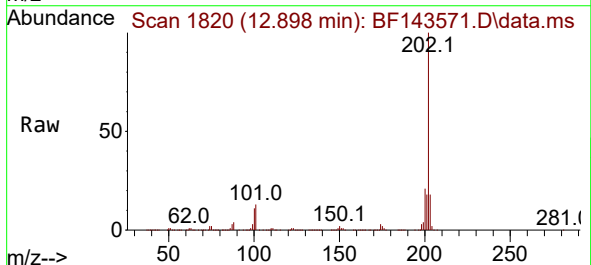
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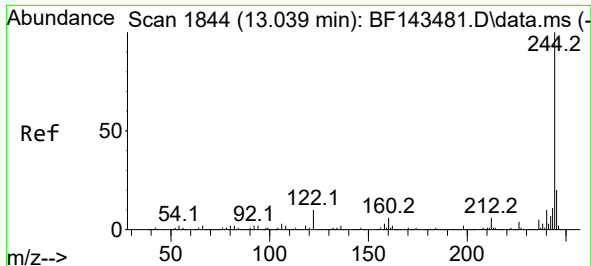
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#78
Pyrene
Concen: 44.889 ng
RT: 12.898 min Scan# 1820
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

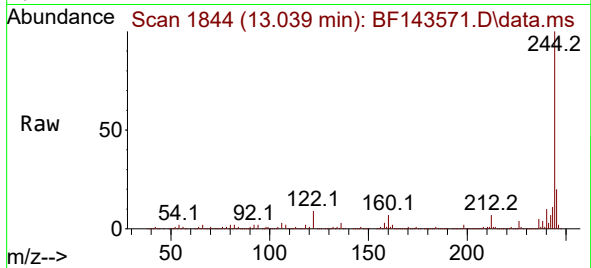
Tgt Ion:202 Resp: 889609
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.9 14.3 21.5





#79
 Terphenyl-d14
 Concen: 96.085 ng
 RT: 13.039 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: BF143571.D
 Acq: 22 Aug 2025 14:27

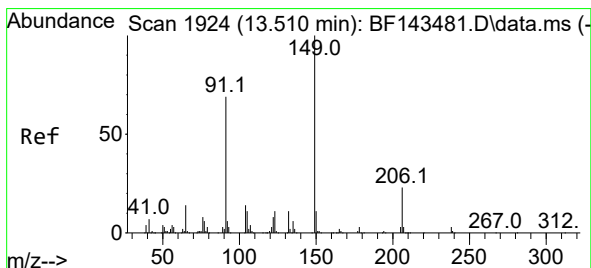
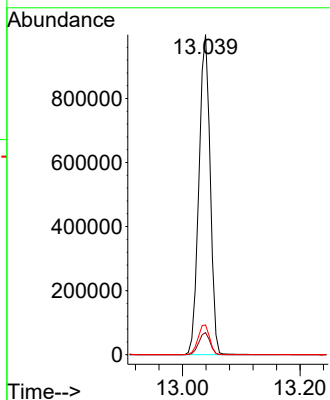
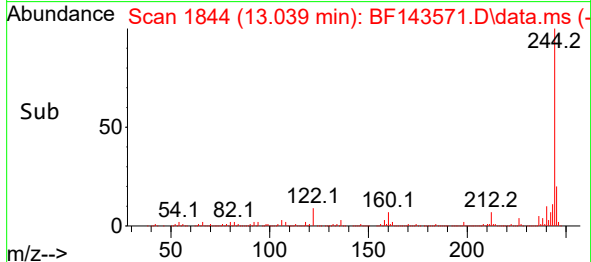
Instrument :
 BNA_F
 ClientSampleId :
 MW-6B-081925MSD



Tgt Ion:244 Resp: 1326574
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.2 7.8
 122 9.3 7.9 11.9

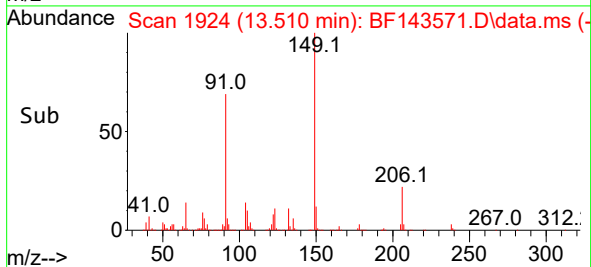
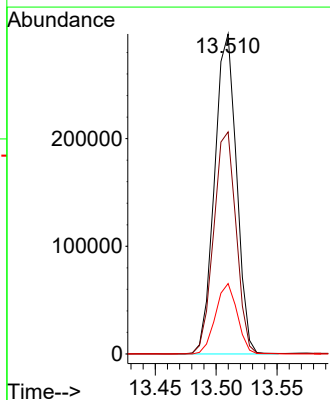
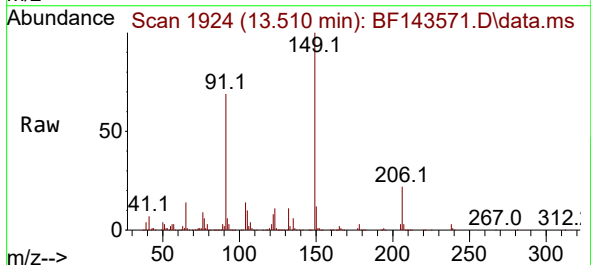
Manual Integrations
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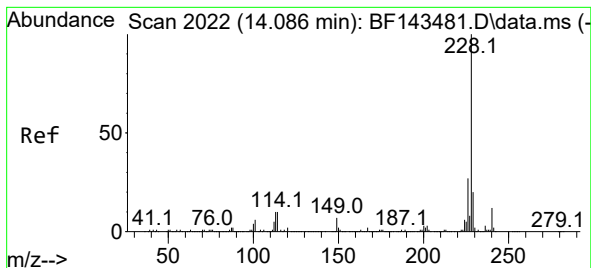
Reviewed By :Rahul Chavli 08/25/2025
 Supervised By :Jagrut Upadhyay 08/25/2025



#80
 Butylbenzylphthalate
 Concen: 69.044 ng
 RT: 13.510 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: BF143571.D
 Acq: 22 Aug 2025 14:27

Tgt Ion:149 Resp: 373800
 Ion Ratio Lower Upper
 149 100
 91 69.4 55.3 82.9
 206 22.0 18.2 27.4





#81

Benzo(a)anthracene

Concen: 48.574 ng

RT: 14.086 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF143571.D

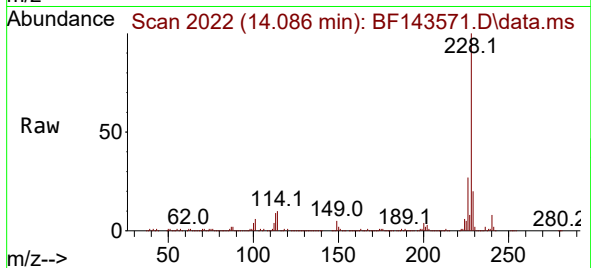
Acq: 22 Aug 2025 14:27

Instrument :

BNA_F

ClientSampleId :

MW-6B-081925MSD



Tgt Ion:228 Resp: 753434

Ion Ratio Lower Upper

228 100

226 27.5 21.7 32.5

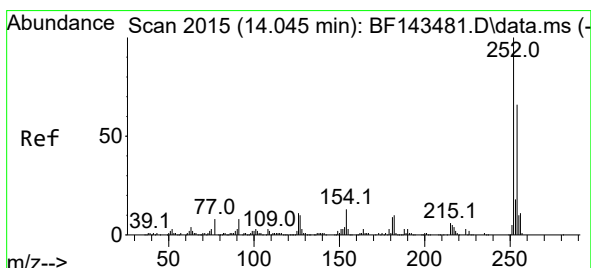
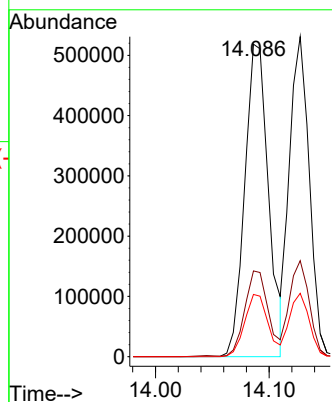
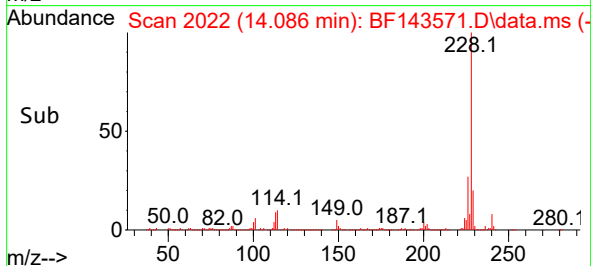
229 19.9 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/25/2025

Supervised By :Jagrut Upadhyay 08/25/2025



#82

3,3'-Dichlorobenzidine

Concen: 29.859 ng

RT: 14.045 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF143571.D

Acq: 22 Aug 2025 14:27

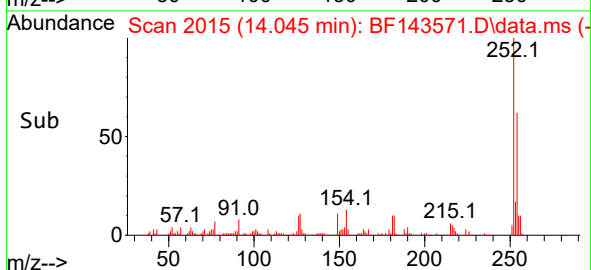
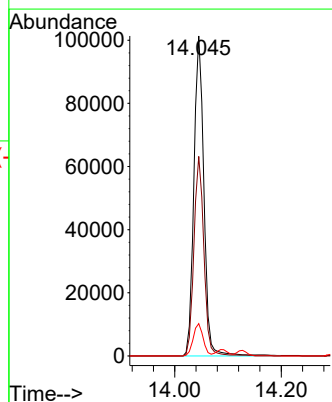
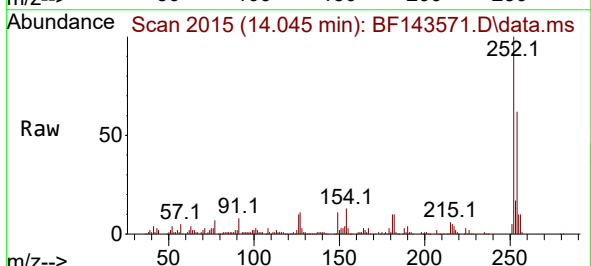
Tgt Ion:252 Resp: 132635

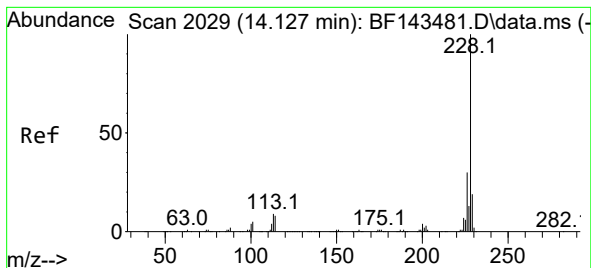
Ion Ratio Lower Upper

252 100

254 62.3 52.6 79.0

126 10.1 8.7 13.1





#83

Chrysene

Concen: 46.279 ng

RT: 14.127 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF143571.D

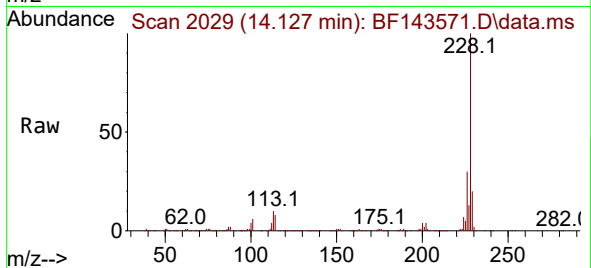
Acq: 22 Aug 2025 14:27

Instrument :

BNA_F

ClientSampleId :

MW-6B-081925MSD



Tgt Ion:228 Resp: 645099

Ion Ratio Lower Upper

228 100

226 30.0 23.7 35.5

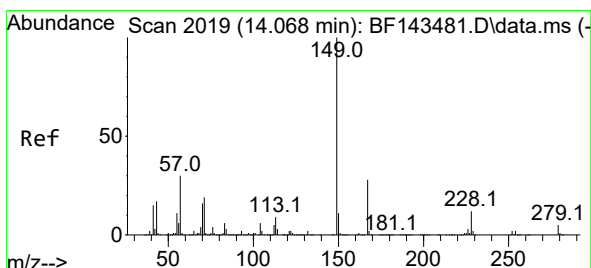
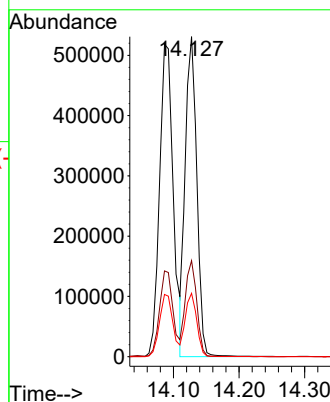
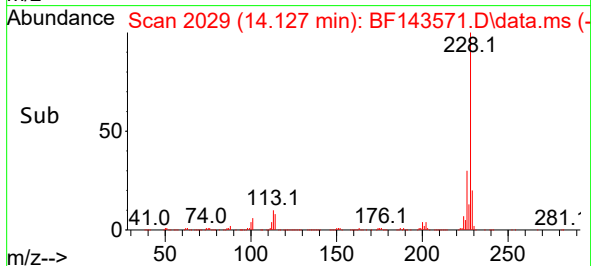
229 19.8 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/25/2025

Supervised By :Jagrut Upadhyay 08/25/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 63.742 ng

RT: 14.069 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF143571.D

Acq: 22 Aug 2025 14:27

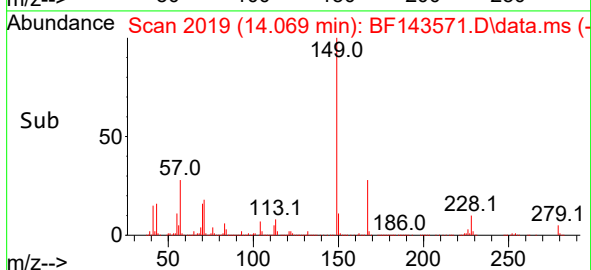
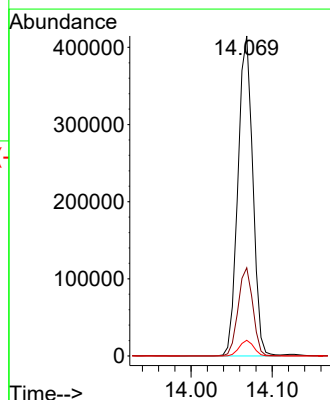
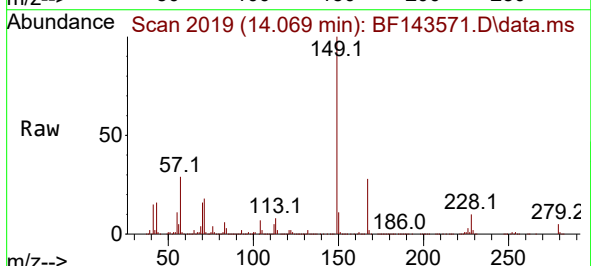
Tgt Ion:149 Resp: 525601

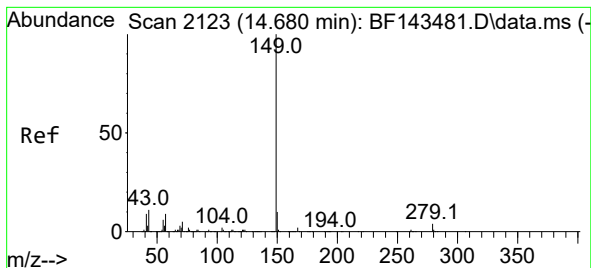
Ion Ratio Lower Upper

149 100

167 27.5 22.2 33.2

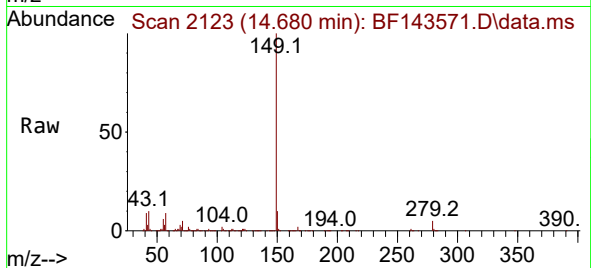
279 4.9 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 51.209 ng
RT: 14.680 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

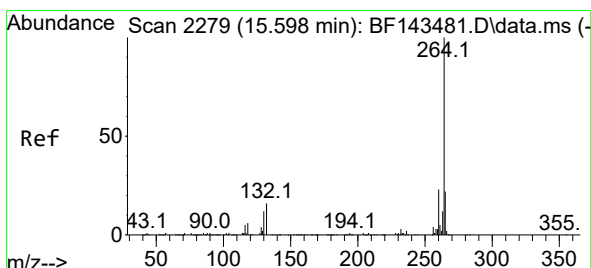
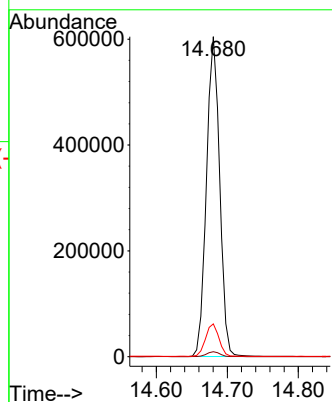
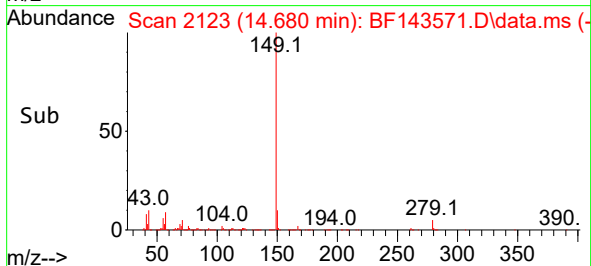
Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD



Tgt Ion:149 Resp: 78224
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.3 8.5 12.7

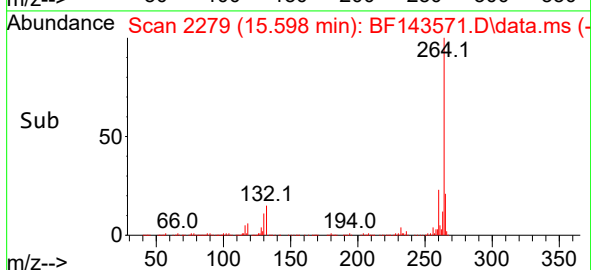
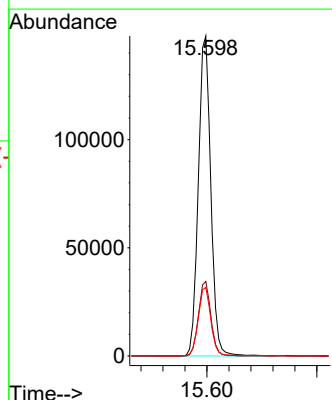
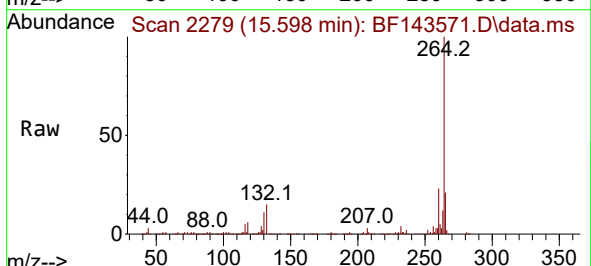
Manual Integrations
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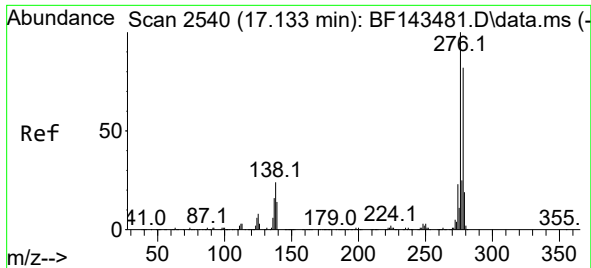
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.598 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

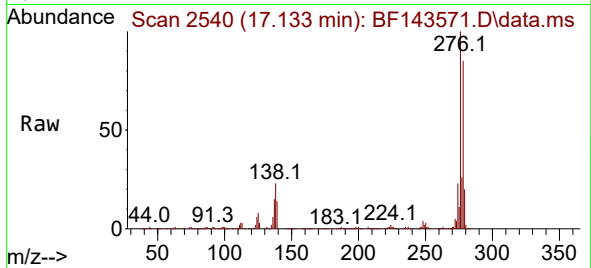
Tgt Ion:264 Resp: 232913
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 21.4 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.602 ng
RT: 17.133 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

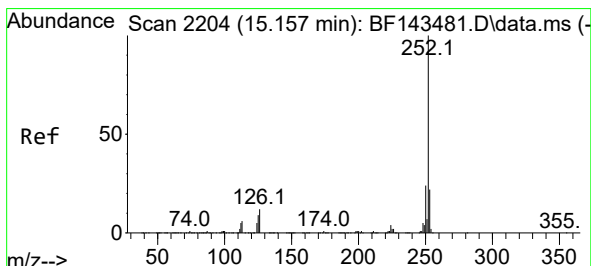
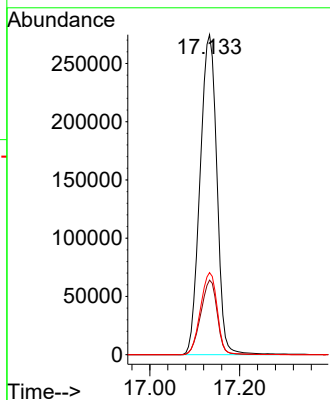
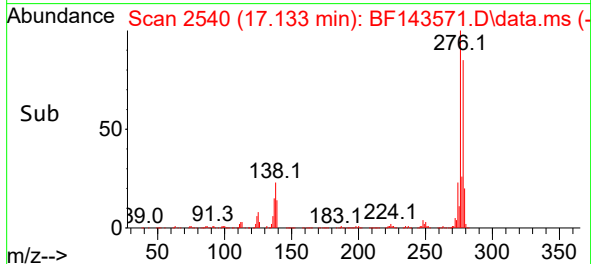
Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD



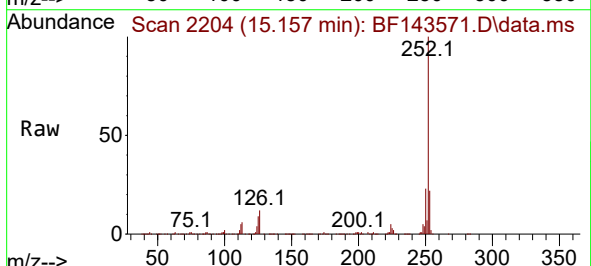
Tgt Ion:276 Resp: 71303
Ion Ratio Lower Upper
276 100
138 22.8 19.2 28.8
277 25.5 20.3 30.5

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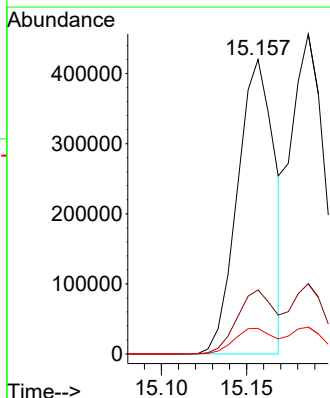
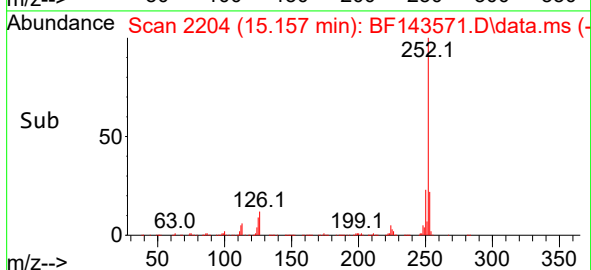
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

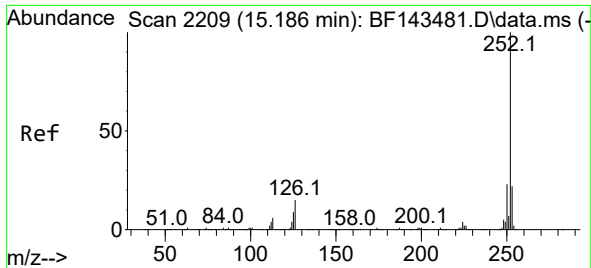


#88
Benzo(b)fluoranthene
Concen: 48.963 ng
RT: 15.157 min Scan# 2204
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27



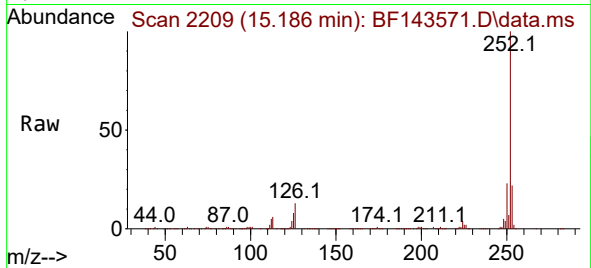
Tgt Ion:252 Resp: 633917
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 8.7 7.4 11.0





#89
Benzo(k)fluoranthene
Concen: 51.127 ng
RT: 15.186 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

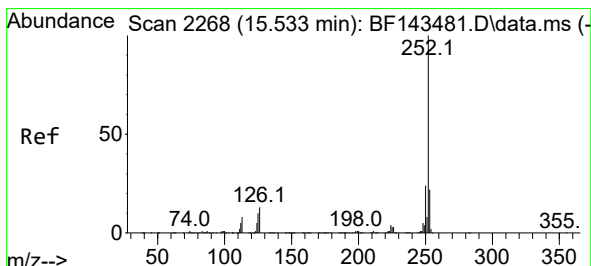
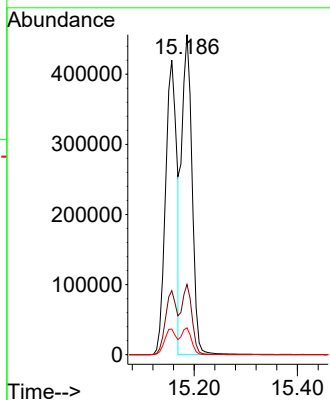
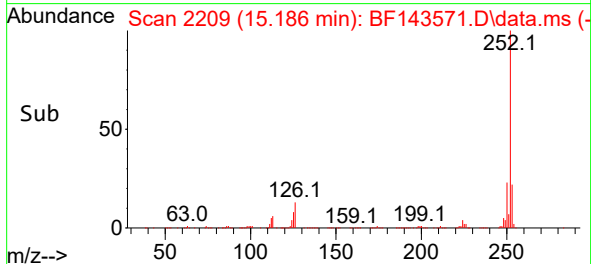
Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD



Tgt Ion:252 Resp: 63376
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 8.4 7.4 11.0

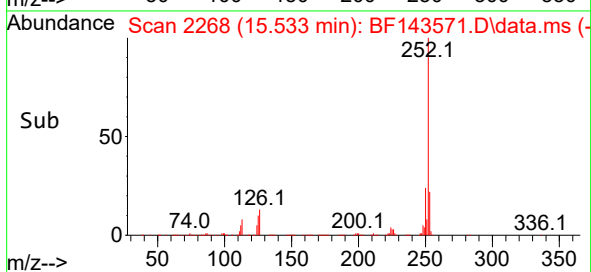
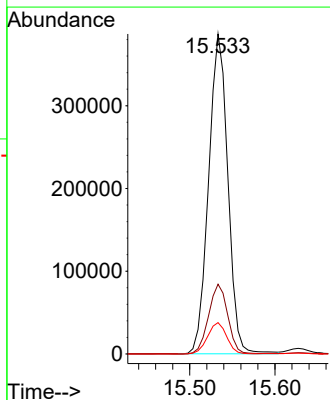
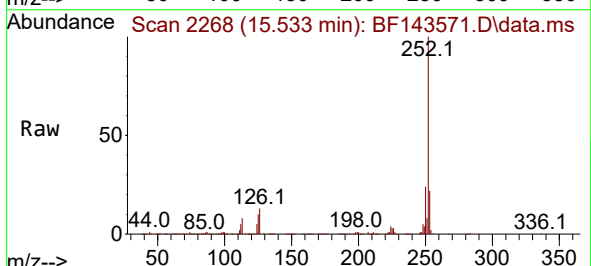
Manual Integrations
APPROVED

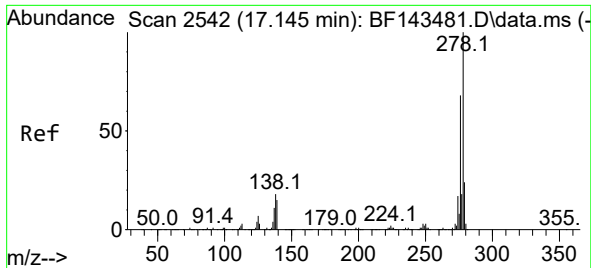
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#90
Benzo(a)pyrene
Concen: 50.464 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

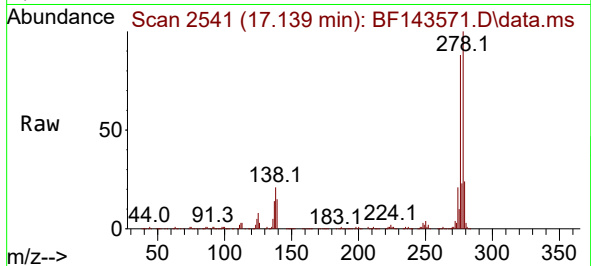
Tgt Ion:252 Resp: 606447
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 9.8 8.2 12.2





#91
Dibenzo(a,h)anthracene
Concen: 43.278 ng
RT: 17.139 min Scan# 2541
Delta R.T. -0.018 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

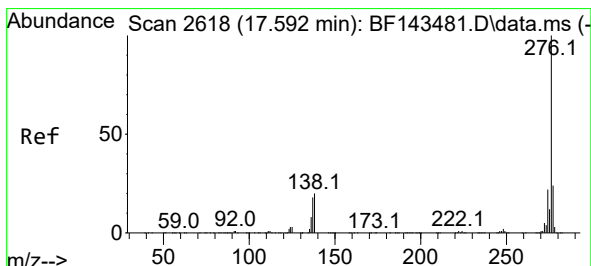
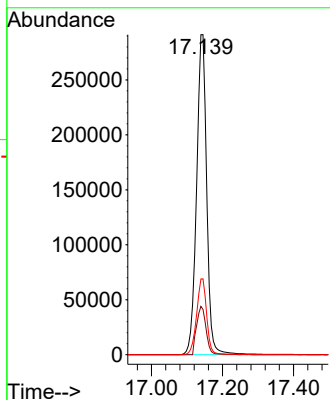
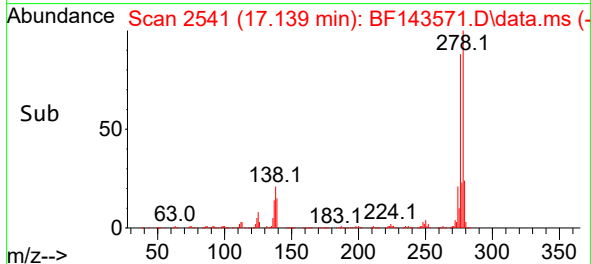
Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD



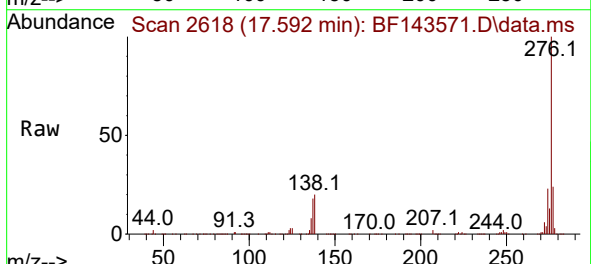
Tgt Ion: 278 Resp: 58011
Ion Ratio Lower Upper
278 100
139 15.1 12.1 18.1
279 23.6 19.2 28.8

Manual Integrations
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Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#92
Benzo(g,h,i)perylene
Concen: 39.637 ng
RT: 17.592 min Scan# 2618
Delta R.T. -0.012 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27



Tgt Ion: 276 Resp: 528314
Ion Ratio Lower Upper
276 100
277 24.1 18.9 28.3
138 20.3 16.3 24.5

