

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100925\
 Data File : BF143910.D
 Acq On : 09 Oct 2025 15:47
 Operator : RC/JU
 Sample : PB170041BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170041BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/10/2025
 Supervised By :Jagrut Upadhyay 10/10/2025

Quant Time: Oct 09 16:44:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	101937	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	406737	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	224648	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	391565	20.000	ng	0.00
76) Chrysene-d12	14.062	240	243371	20.000	ng	0.00
86) Perylene-d12	15.539	264	232424	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	998215	155.503	ng	0.01
7) Phenol-d6	6.510	99	1181398	154.401	ng	0.00
23) Nitrobenzene-d5	7.445	82	755286	112.818	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	389355	174.010	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1407616	99.423	ng	-0.01
79) Terphenyl-d14	13.004	244	1654882	116.214	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	144549	48.661	ng	98
3) Pyridine	3.493	79	425793	49.238	ng	96
4) n-Nitrosodimethylamine	3.440	42	251410	55.266	ng	95
6) Aniline	6.545	93	473696	41.314	ng	99
8) 2-Chlorophenol	6.669	128	352563	56.187	ng	98
9) Benzaldehyde	6.434	77	211993	35.917	ng	99
10) Phenol	6.522	94	495727	54.192	ng	96
11) bis(2-Chloroethyl)ether	6.616	93	383695	54.300	ng	98
12) 1,3-Dichlorobenzene	6.822	146	406314	54.095	ng	99
13) 1,4-Dichlorobenzene	6.898	146	412290	55.647	ng	100
14) 1,2-Dichlorobenzene	7.051	146	395105	55.675	ng	99
15) Benzyl Alcohol	7.022	79	331837	57.883	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	881581	54.809	ng	100
17) 2-Methylphenol	7.134	107	291195	56.153	ng	99
18) Hexachloroethane	7.392	117	135566	54.865	ng	96
19) n-Nitroso-di-n-propyla...	7.292	70	278413	53.158	ng	99
20) 3+4-Methylphenols	7.286	107	320808	53.377	ng	# 73
22) Acetophenone	7.292	105	500648	58.214	ng	99
24) Nitrobenzene	7.463	77	408949	55.006	ng	98
25) Isophorone	7.704	82	750619	53.174	ng	99
26) 2-Nitrophenol	7.781	139	195445	61.317	ng	98
27) 2,4-Dimethylphenol	7.816	122	332124	57.924	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	466088	52.270	ng	99
29) 2,4-Dichlorophenol	8.022	162	316556	53.002	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	334461	56.941	ng	99
31) Naphthalene	8.186	128	982231	53.087	ng	99
32) Benzoic acid	7.933	122	248603	62.649	ng	96
33) 4-Chloroaniline	8.233	127	175248	25.255	ng	98
34) Hexachlorobutadiene	8.304	225	212864	52.151	ng	98
35) Caprolactam	8.604	113	109011m	57.404	ng	
36) 4-Chloro-3-methylphenol	8.716	107	308805	53.827	ng	97
37) 2-Methylnaphthalene	8.880	142	595486	48.316	ng	100
38) 1-Methylnaphthalene	8.980	142	593303	49.629	ng	97
40) 1,2,4,5-Tetrachloroben...	9.045	216	351552	56.620	ng	98
41) Hexachlorocyclopentadiene	9.033	237	360322	139.885	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	246042	54.234	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100925\
 Data File : BF143910.D
 Acq On : 09 Oct 2025 15:47
 Operator : RC/JU
 Sample : PB170041BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170041BS

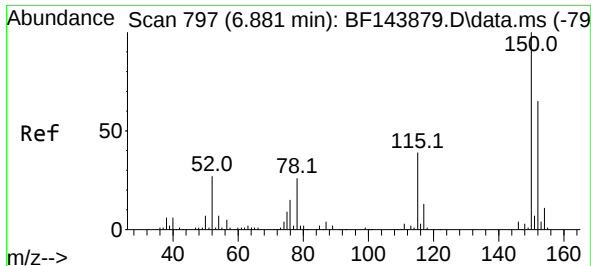
Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/10/2025
 Supervised By :Jagrut Upadhyay 10/10/2025

Quant Time: Oct 09 16:44:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

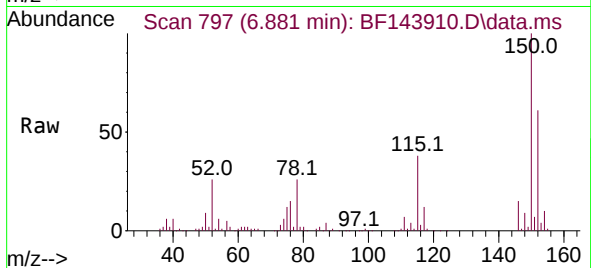
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	255802	53.357	ng	99
46) 1,1'-Biphenyl	9.345	154	849986	57.147	ng	99
47) 2-Chloronaphthalene	9.369	162	645070	52.017	ng	99
48) 2-Nitroaniline	9.463	65	234508	59.813	ng	99
49) Acenaphthylene	9.786	152	1043714	59.866	ng	99
50) Dimethylphthalate	9.645	163	777510	54.501	ng	99
51) 2,6-Dinitrotoluene	9.704	165	168860	63.832	ng	100
52) Acenaphthene	9.957	154	647263	56.659	ng	99
53) 3-Nitroaniline	9.875	138	123609	38.161	ng	98
54) 2,4-Dinitrophenol	9.986	184	174327	104.506	ng	91
55) Dibenzofuran	10.133	168	851872	52.826	ng	99
56) 4-Nitrophenol	10.033	139	265368	108.201	ng	93
57) 2,4-Dinitrotoluene	10.110	165	232995	64.732	ng	99
58) Fluorene	10.474	166	633786	52.085	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	203736m	60.034	ng	
60) Diethylphthalate	10.345	149	732531	55.271	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	335760	52.191	ng	97
62) 4-Nitroaniline	10.492	138	182668	58.645	ng	94
63) Azobenzene	10.627	77	777129	56.104	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	126240	64.156	ng	97
66) n-Nitrosodiphenylamine	10.586	169	664065	54.012	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	230107	53.174	ng	98
68) Hexachlorobenzene	11.022	284	273270	54.546	ng	99
69) Atrazine	11.116	200	213415	57.270	ng	97
70) Pentachlorophenol	11.216	266	295379	102.658	ng	97
71) Phenanthrene	11.439	178	994735	52.401	ng	99
72) Anthracene	11.492	178	1024495	53.422	ng	99
73) Carbazole	11.645	167	929894	54.749	ng	99
74) Di-n-butylphthalate	11.974	149	1120182	56.905	ng	100
75) Fluoranthene	12.633	202	1084819	55.325	ng	99
77) Benzidine	12.751	184	345427	40.877	ng	98
78) Pyrene	12.863	202	1073722	52.920	ng	99
80) Butylbenzylphthalate	13.480	149	415861	63.111	ng	99
81) Benzo(a)anthracene	14.051	228	872461	54.781	ng	98
82) 3,3'-Dichlorobenzidine	14.015	252	153544	31.636	ng	95
83) Chrysene	14.092	228	829822	56.297	ng	98
84) Bis(2-ethylhexyl)phtha...	14.039	149	500031	62.951	ng	99
85) Di-n-octyl phthalate	14.657	149	795329	60.963	ng	99
87) Indeno(1,2,3-cd)pyrene	17.045	276	836195	58.715	ng	99
88) Benzo(b)fluoranthene	15.109	252	728625	54.574	ng	99
89) Benzo(k)fluoranthene	15.139	252	714448	57.831	ng	99
90) Benzo(a)pyrene	15.480	252	688298	59.455	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	673912	58.836	ng	99
92) Benzo(g,h,i)perylene	17.498	276	683915	59.709	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47

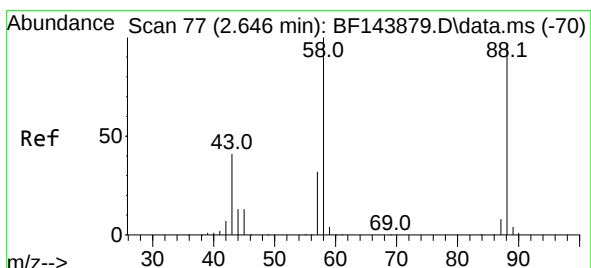
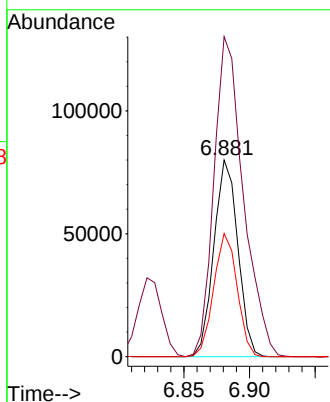
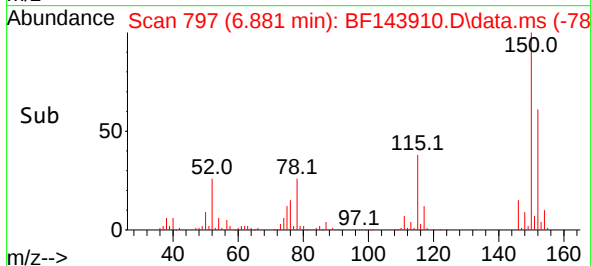
Instrument :
BNA_F
ClientSampleId :
PB170041BS



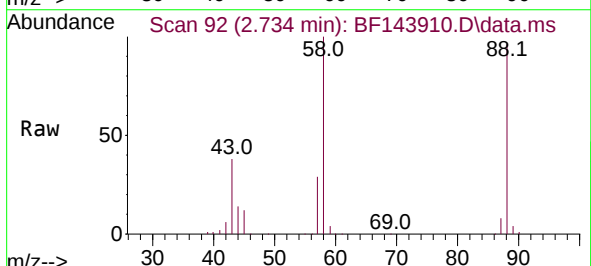
Tgt Ion:152 Resp: 101937
Ion Ratio Lower Upper
152 100
150 162.8 124.4 186.6
115 62.6 48.1 72.1

Manual Integrations
APPROVED

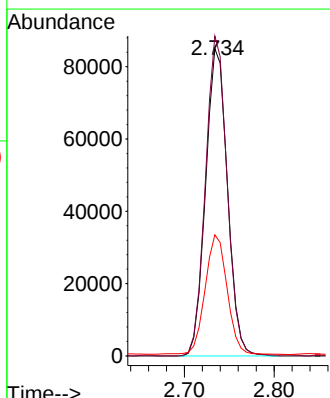
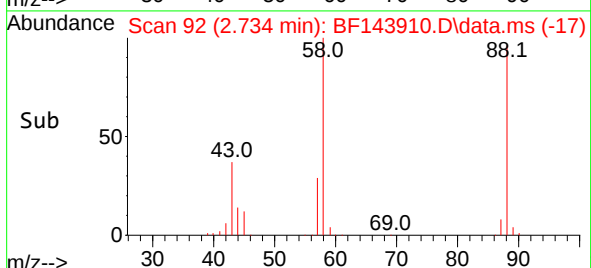
Reviewed By :Rahul Chavli 10/10/2025
Supervised By :Jagrut Upadhyay 10/10/2025

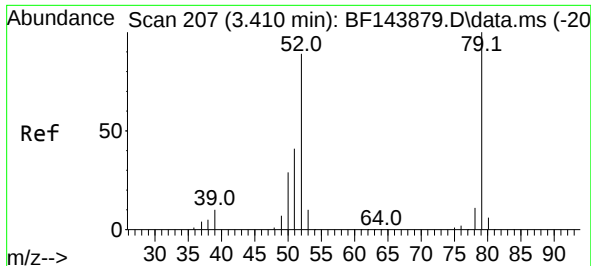


#2
1,4-Dioxane
Concen: 48.661 ng
RT: 2.734 min Scan# 92
Delta R.T. 0.088 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47



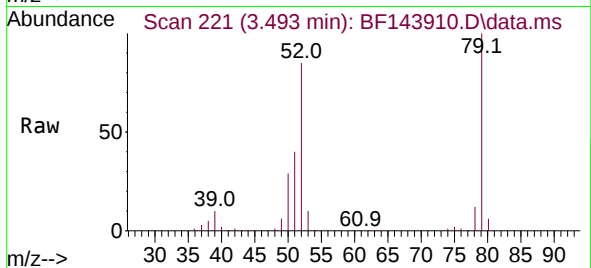
Tgt Ion: 88 Resp: 144549
Ion Ratio Lower Upper
88 100
58 102.9 83.0 124.6
43 39.3 33.9 50.9





#3
Pyridine
Concen: 49.238 ng
RT: 3.493 min Scan# 211
Delta R.T. 0.076 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47

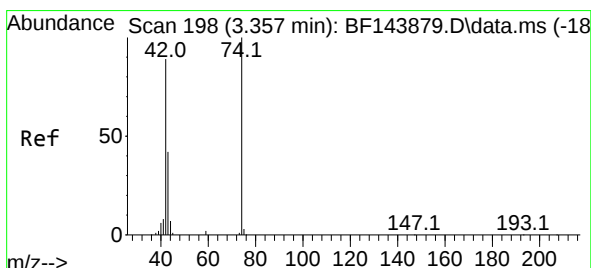
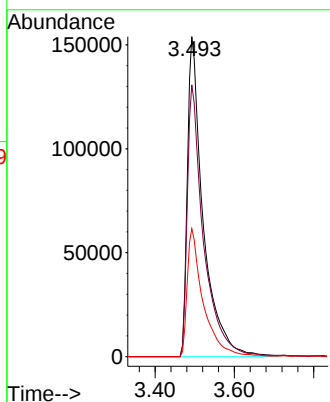
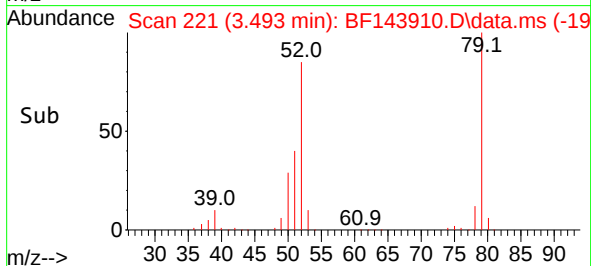
Instrument :
BNA_F
ClientSampleId :
PB170041BS



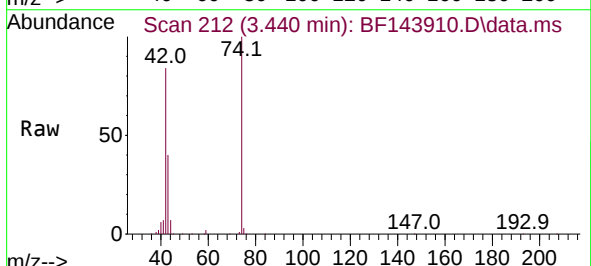
Tgt Ion: 79 Resp: 425793
Ion Ratio Lower Upper
79 100
52 84.9 71.5 107.3
51 40.0 32.9 49.3

Manual Integrations
APPROVED

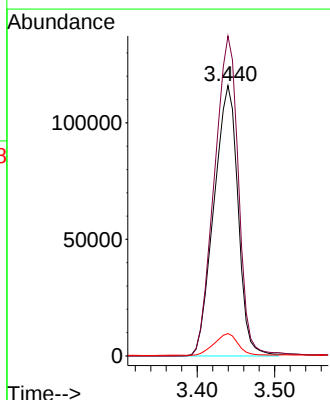
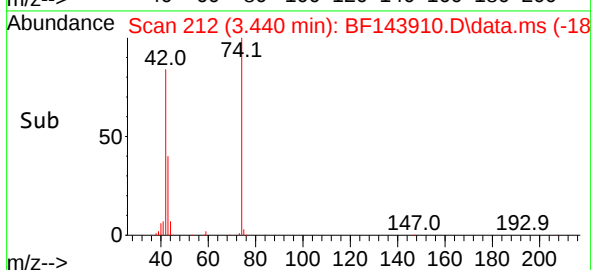
Reviewed By :Rahul Chavli 10/10/2025
Supervised By :Jagrut Upadhyay 10/10/2025

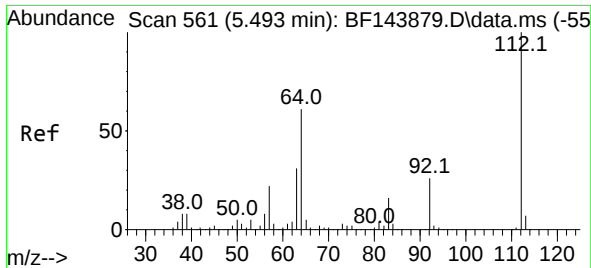


#4
n-Nitrosodimethylamine
Concen: 55.266 ng
RT: 3.440 min Scan# 212
Delta R.T. 0.053 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47



Tgt Ion: 42 Resp: 251410
Ion Ratio Lower Upper
42 100
74 118.4 90.0 135.0
44 8.3 6.2 9.2





#5
2-Fluorophenol
Concen: 155.503 ng
RT: 5.510 min Scan# 561
Delta R.T. 0.012 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47

Instrument :

BNA_F

ClientSampleId :

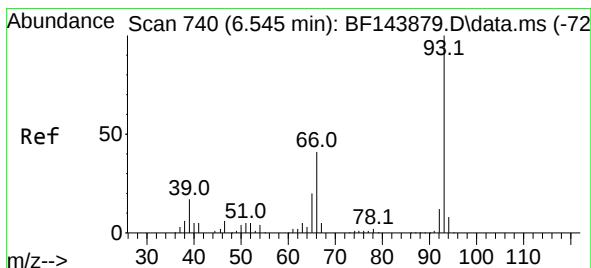
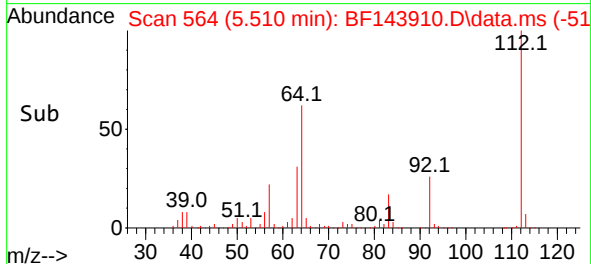
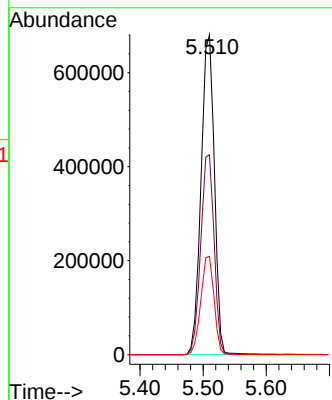
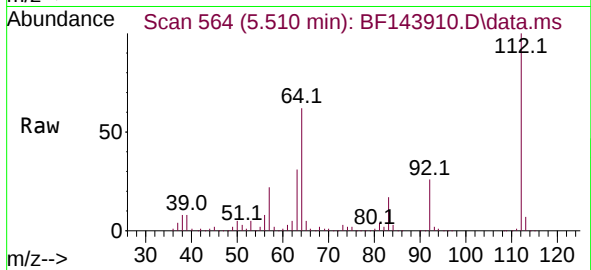
PB170041BS

Tgt Ion:112 Resp: 998215
Ion Ratio Lower Upper
112 100
64 62.4 49.1 73.7
63 30.7 24.5 36.7

Manual Integrations

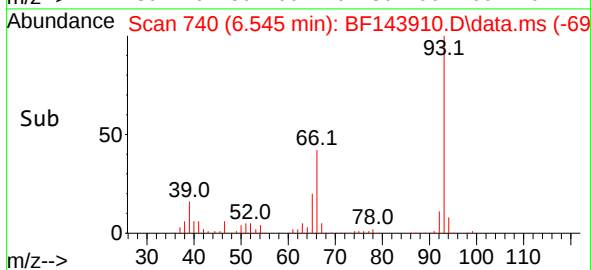
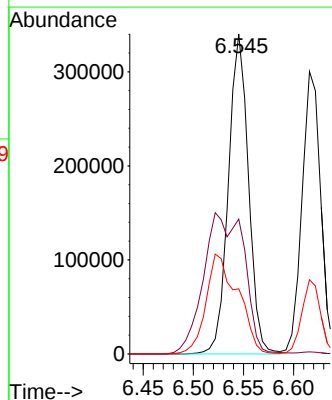
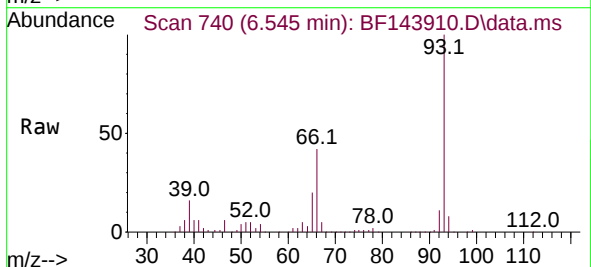
APPROVED

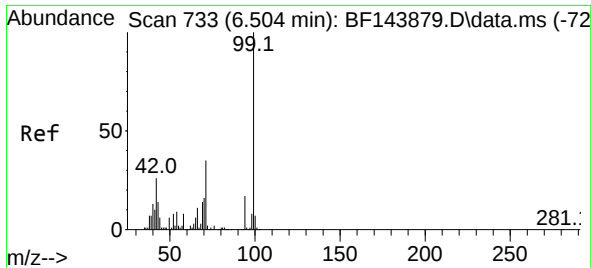
Reviewed By :Rahul Chavli 10/10/2025
Supervised By :Jagrut Upadhyay 10/10/2025



#6
Aniline
Concen: 41.314 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47

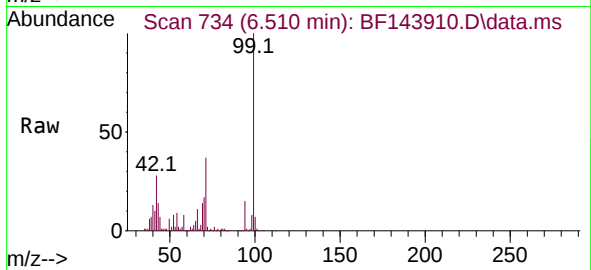
Tgt Ion: 93 Resp: 473696
Ion Ratio Lower Upper
93 100
66 42.1 33.0 49.6
65 20.3 15.8 23.8





#7
Phenol-d6
Concen: 154.401 ng
RT: 6.510 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47

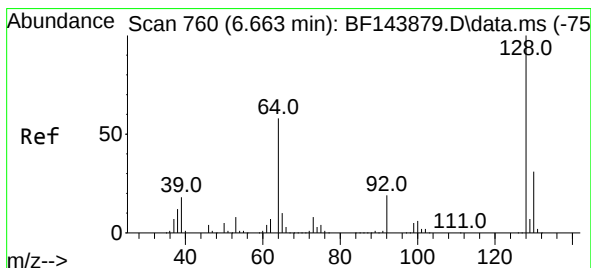
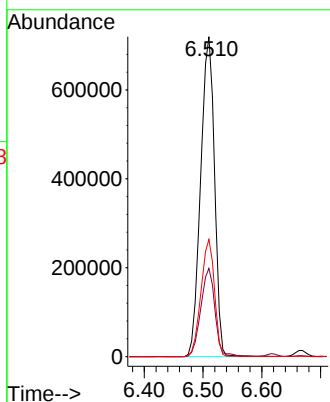
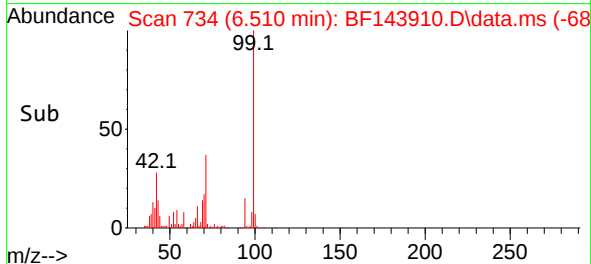
Instrument :
BNA_F
ClientSampleId :
PB170041BS



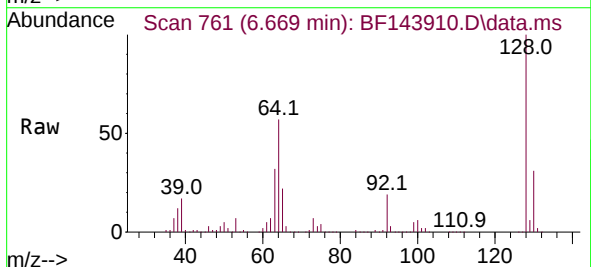
Tgt Ion: 99 Resp: 1181398
Ion Ratio Lower Upper
99 100
42 27.6 21.0 31.4
71 36.6 27.8 41.8

Manual Integrations
APPROVED

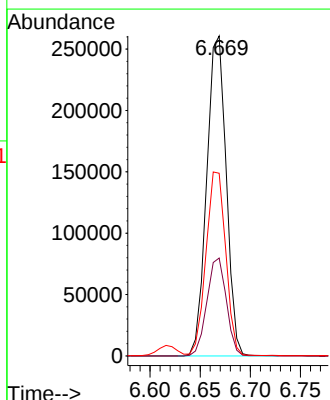
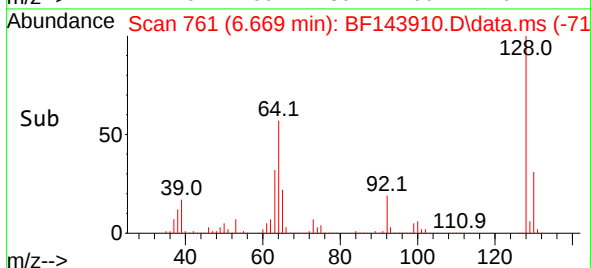
Reviewed By :Rahul Chavli 10/10/2025
Supervised By :Jagrut Upadhyay 10/10/2025

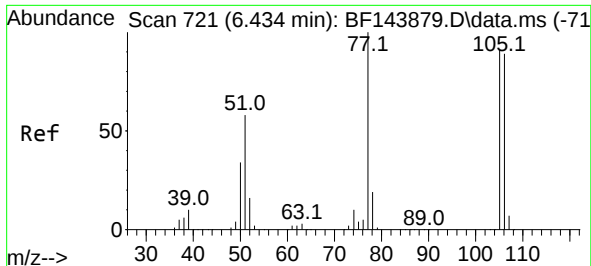


#8
2-Chlorophenol
Concen: 56.187 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47



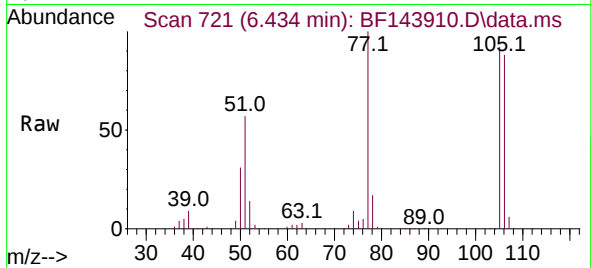
Tgt Ion:128 Resp: 352563
Ion Ratio Lower Upper
128 100
130 30.6 10.7 50.7
64 57.1 39.0 79.0





#9
Benzaldehyde
Concen: 35.917 ng
RT: 6.434 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47

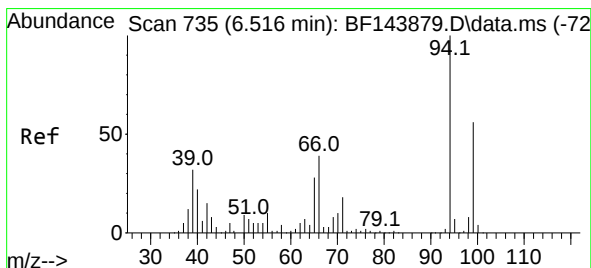
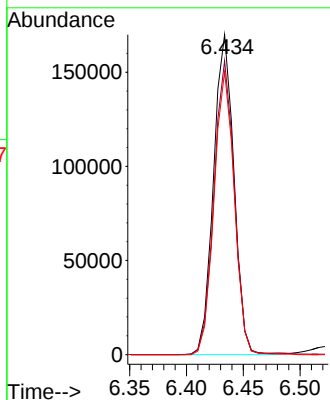
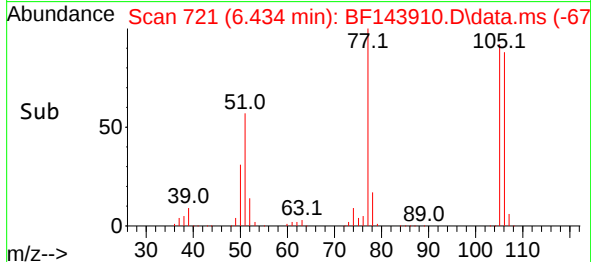
Instrument :
BNA_F
ClientSampleId :
PB170041BS



Tgt Ion: 77 Resp: 211993
Ion Ratio Lower Upper
77 100
105 91.8 70.9 110.9
106 88.4 68.9 108.9

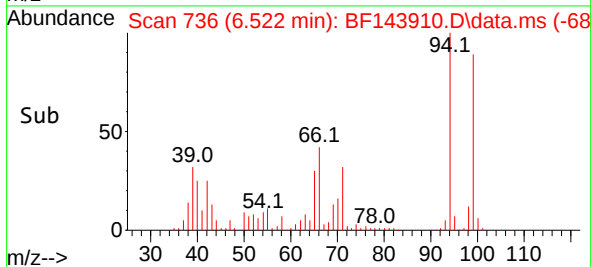
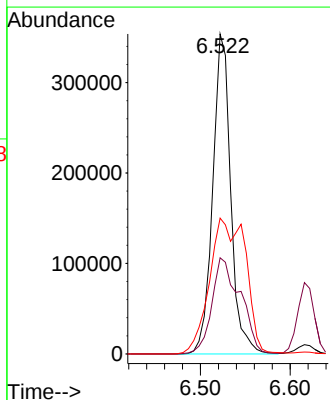
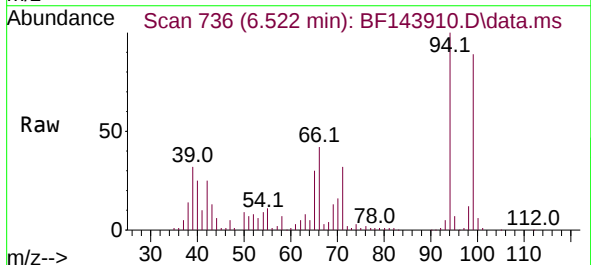
Manual Integrations
APPROVED

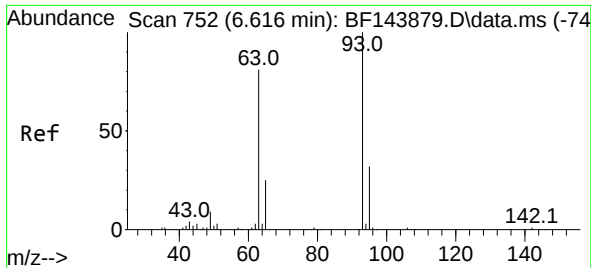
Reviewed By :Rahul Chavli 10/10/2025
Supervised By :Jagrut Upadhyay 10/10/2025



#10
Phenol
Concen: 54.192 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47

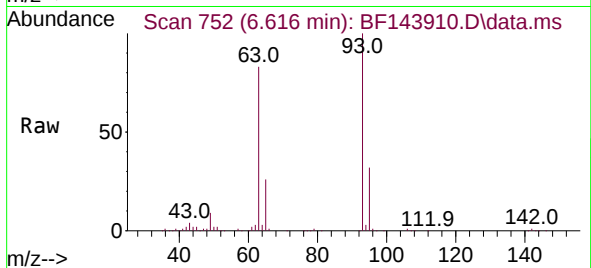
Tgt Ion: 94 Resp: 495727
Ion Ratio Lower Upper
94 100
65 30.0 8.5 48.5
66 42.4 19.9 59.9





#11
bis(2-Chloroethyl)ether
Concen: 54.300 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47

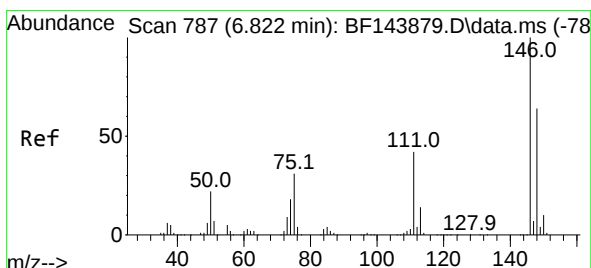
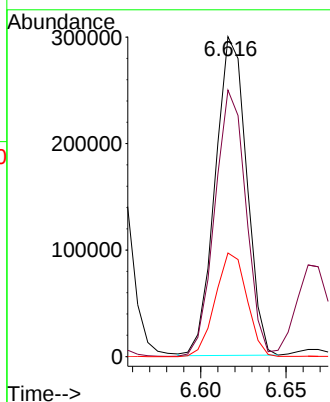
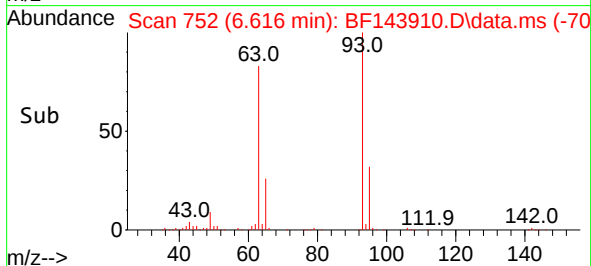
Instrument :
BNA_F
ClientSampleId :
PB170041BS



Tgt Ion: 93 Resp: 383695
Ion Ratio Lower Upper
93 100
63 83.3 60.9 100.9
95 32.4 11.5 51.5

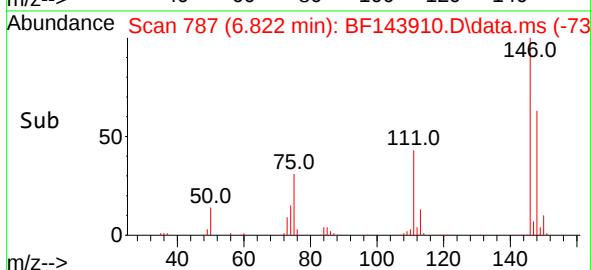
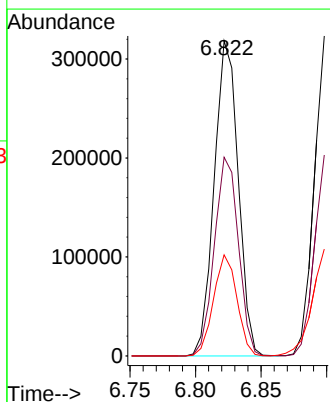
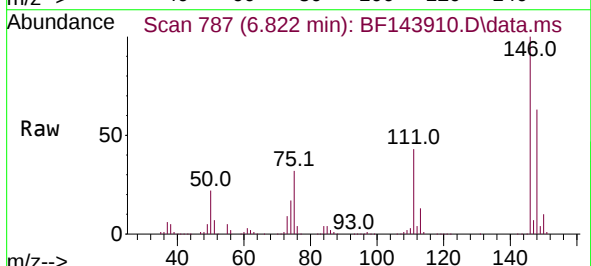
Manual Integrations
APPROVED

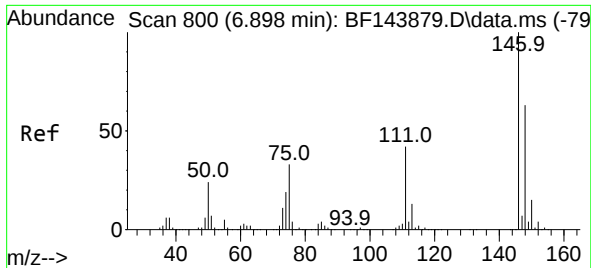
Reviewed By :Rahul Chavli 10/10/2025
Supervised By :Jagrut Upadhyay 10/10/2025



#12
1,3-Dichlorobenzene
Concen: 54.095 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47

Tgt Ion:146 Resp: 406314
Ion Ratio Lower Upper
146 100
148 63.1 51.0 76.4
75 32.1 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 55.647 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF143910.D

Acq: 09 Oct 2025 15:47

Instrument :

BNA_F

ClientSampleId :

PB170041BS

Tgt Ion:146 Resp: 412290

Ion Ratio Lower Upper

146 100

148 62.8 50.5 75.7

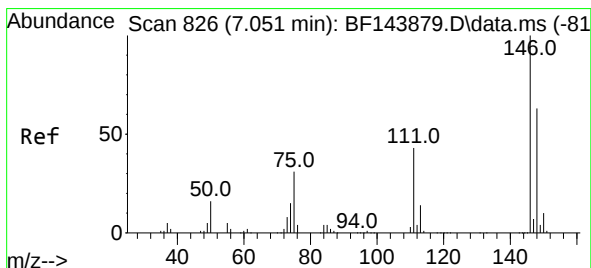
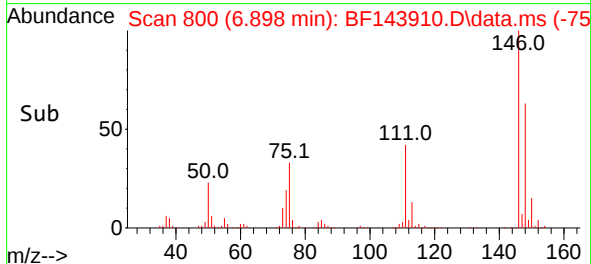
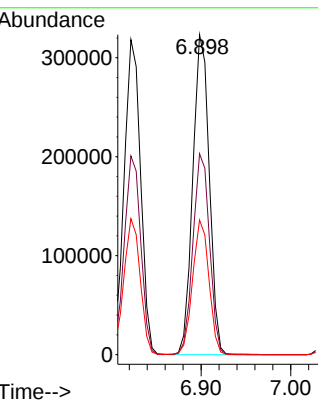
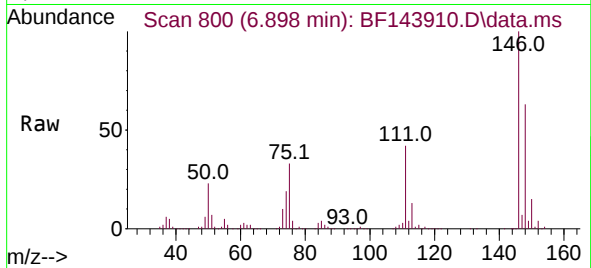
111 42.1 33.4 50.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/10/2025

Supervised By :Jagrut Upadhyay 10/10/2025



#14

1,2-Dichlorobenzene

Concen: 55.675 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143910.D

Acq: 09 Oct 2025 15:47

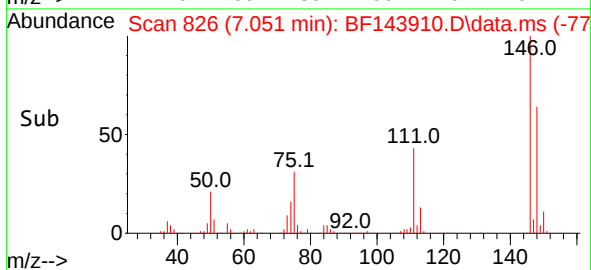
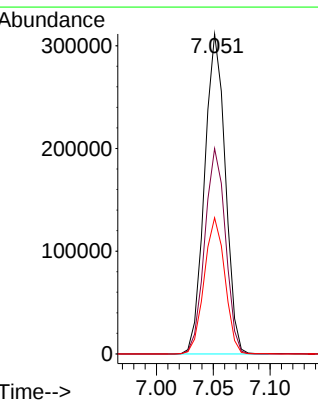
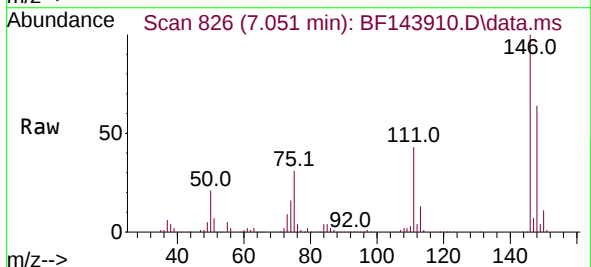
Tgt Ion:146 Resp: 395105

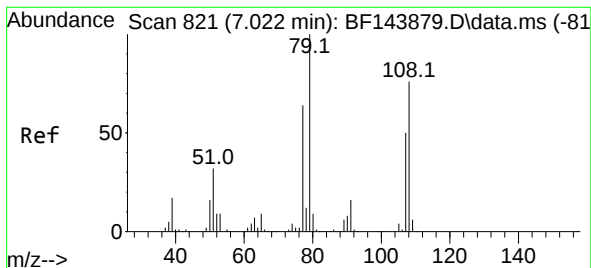
Ion Ratio Lower Upper

146 100

148 64.2 50.6 75.8

111 42.5 34.6 51.8





#15

Benzyl Alcohol

Concen: 57.883 ng

RT: 7.022 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF143910.D

Acq: 09 Oct 2025 15:47

Instrument :

BNA_F

ClientSampleId :

PB170041BS

Tgt Ion: 79 Resp: 33183

Ion Ratio Lower Upper

79 100

108 75.9 60.8 91.2

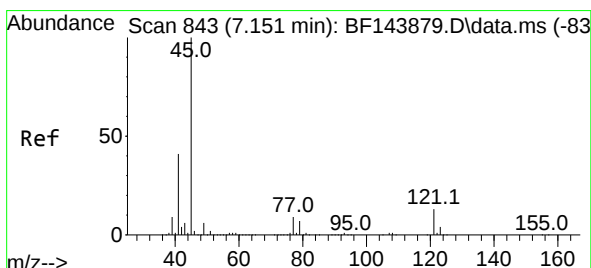
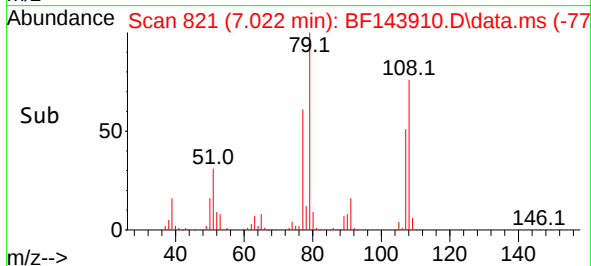
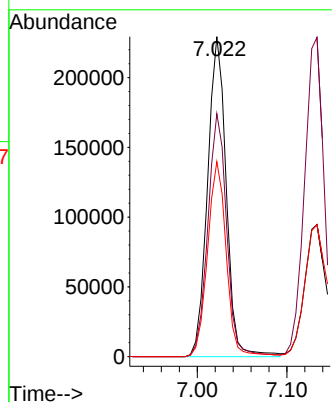
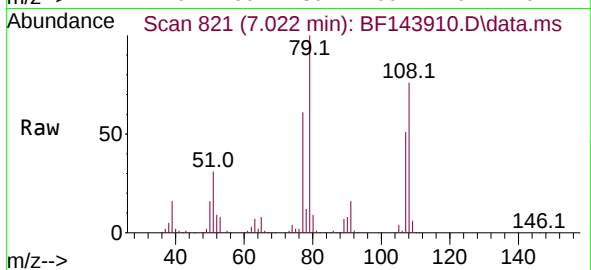
77 60.9 51.0 76.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/10/2025

Supervised By :Jagrut Upadhyay 10/10/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 54.809 ng

RT: 7.157 min Scan# 844

Delta R.T. 0.000 min

Lab File: BF143910.D

Acq: 09 Oct 2025 15:47

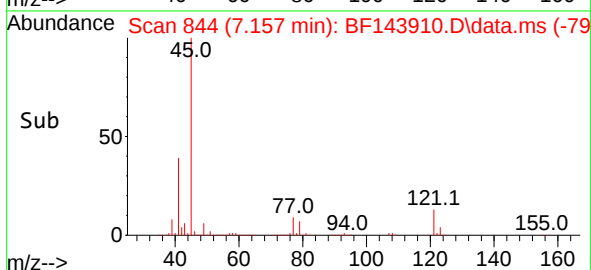
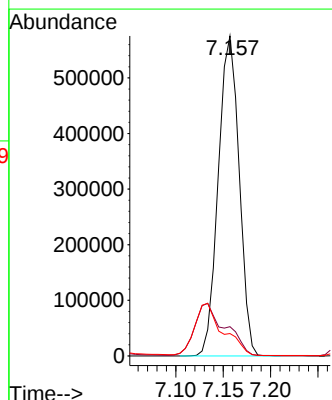
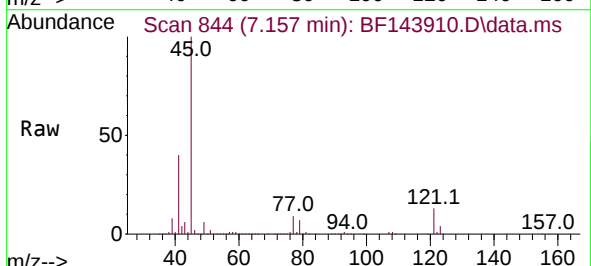
Tgt Ion: 45 Resp: 881581

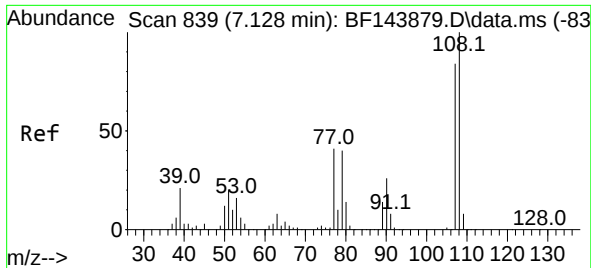
Ion Ratio Lower Upper

45 100

77 9.1 0.0 29.0

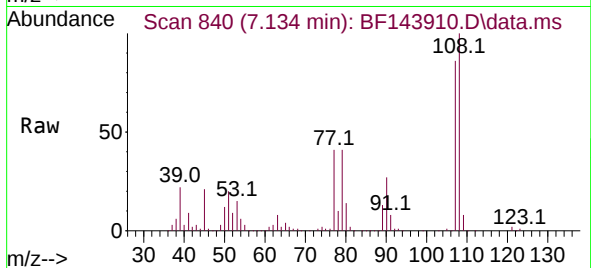
79 7.0 0.0 26.8





#17
2-Methylphenol
Concen: 56.153 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47

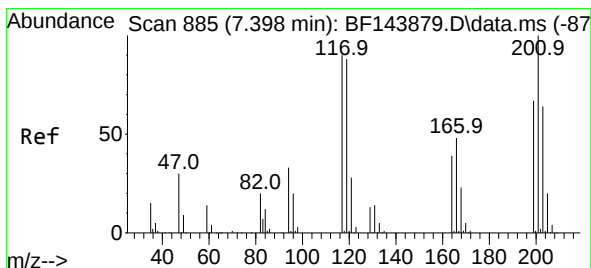
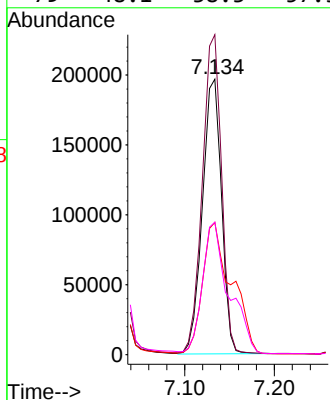
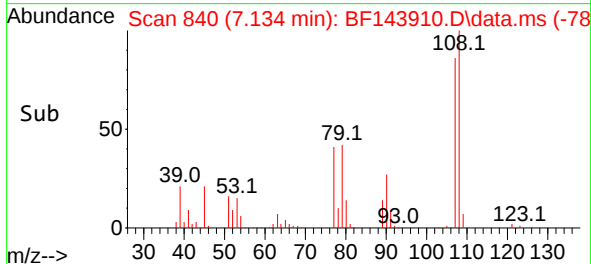
Instrument :
BNA_F
ClientSampleId :
PB170041BS



Tgt Ion:107 Resp: 291195
Ion Ratio Lower Upper
107 100
108 116.2 94.7 142.1
77 48.0 38.8 58.2
79 48.1 38.3 57.5

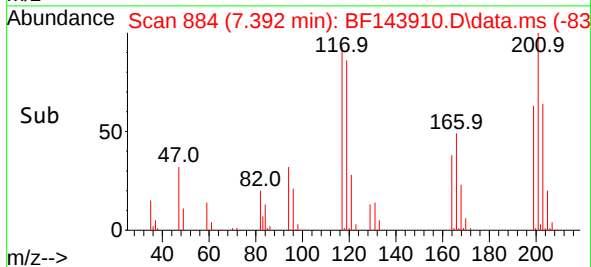
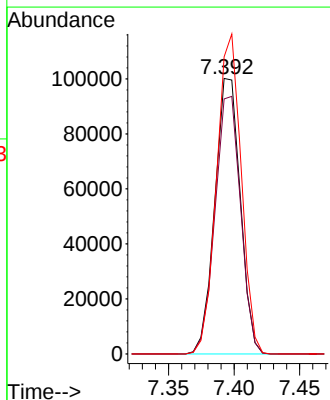
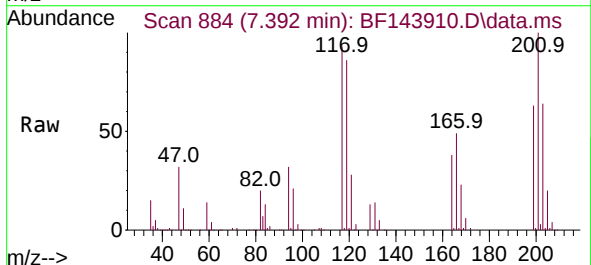
Manual Integrations
APPROVED

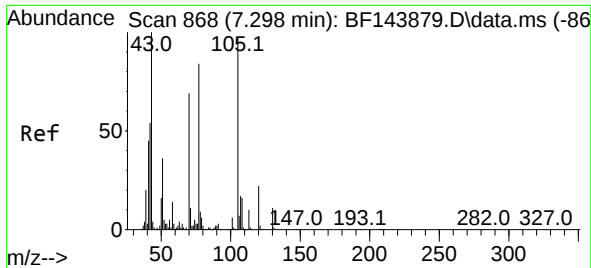
Reviewed By :Rahul Chavli 10/10/2025
Supervised By :Jagrut Upadhyay 10/10/2025



#18
Hexachloroethane
Concen: 54.865 ng
RT: 7.392 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47

Tgt Ion:117 Resp: 135566
Ion Ratio Lower Upper
117 100
119 92.6 77.8 116.8
201 107.9 88.5 132.7





#19

n-Nitroso-di-n-propylamine

Concen: 53.158 ng

RT: 7.292 min Scan# 868

Delta R.T. -0.024 min

Lab File: BF143910.D

Acq: 09 Oct 2025 15:47

Instrument :

BNA_F

ClientSampleId :

PB170041BS

Tgt Ion: 70 Resp: 278413

Ion Ratio Lower Upper

70 100

42 79.0 62.8 94.2

101 8.6 6.7 10.1

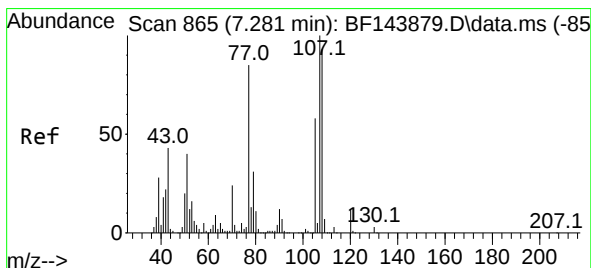
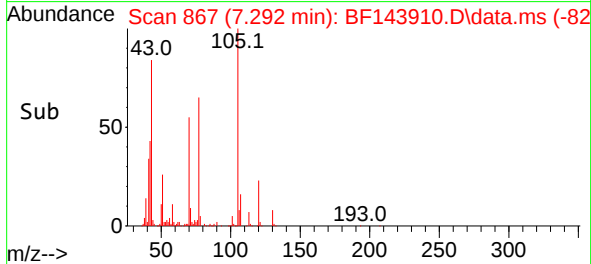
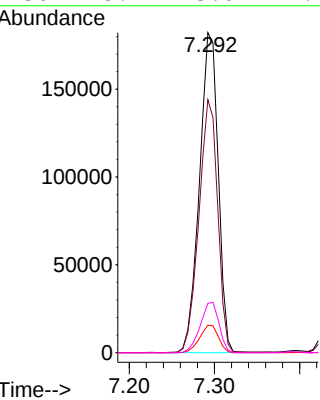
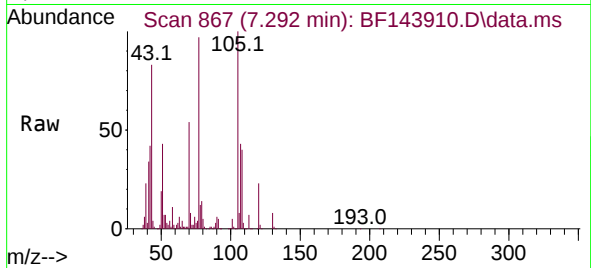
130 15.4 13.0 19.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/10/2025

Supervised By :Jagrut Upadhyay 10/10/2025



#20

3+4-Methylphenols

Concen: 53.377 ng

RT: 7.286 min Scan# 866

Delta R.T. -0.012 min

Lab File: BF143910.D

Acq: 09 Oct 2025 15:47

Tgt Ion:107 Resp: 320808

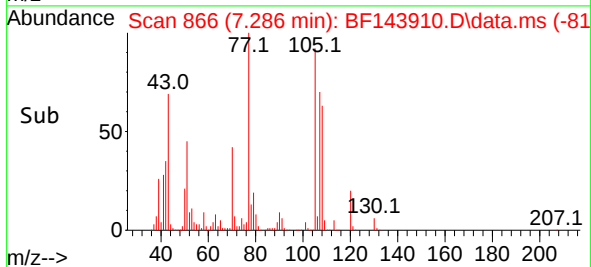
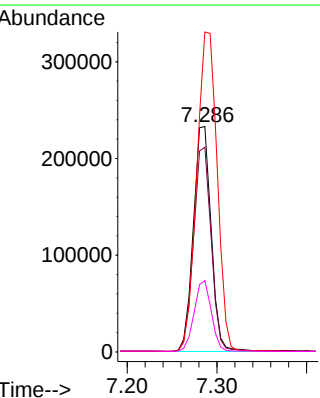
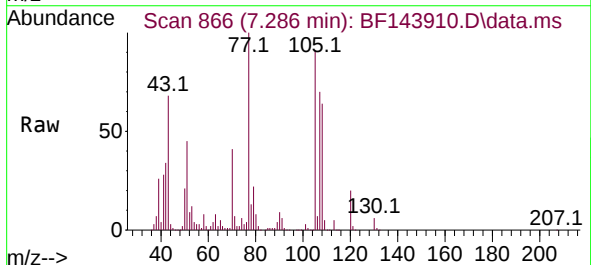
Ion Ratio Lower Upper

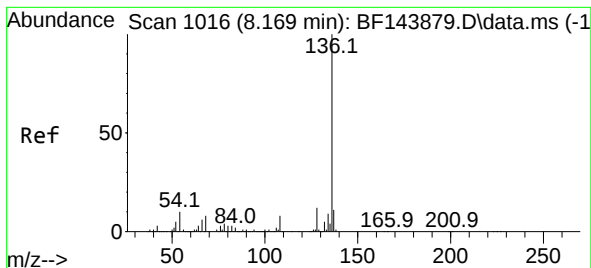
107 100

108 90.9 73.0 113.0

77 142.0 64.6 104.6

79 31.6 11.5 51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF143910.D

Acq: 09 Oct 2025 15:47

Instrument :

BNA_F

ClientSampleId :

PB170041BS

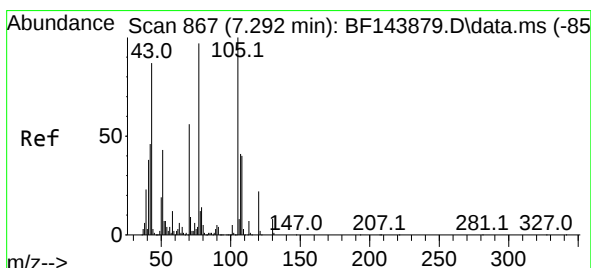
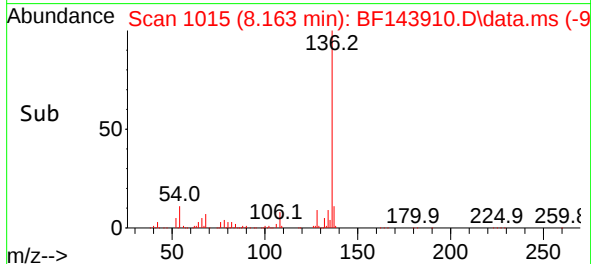
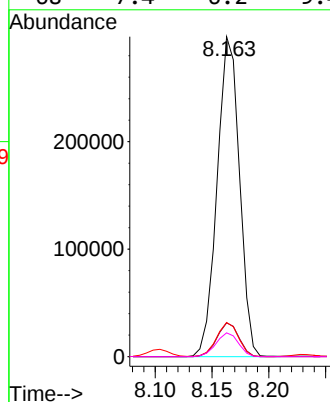
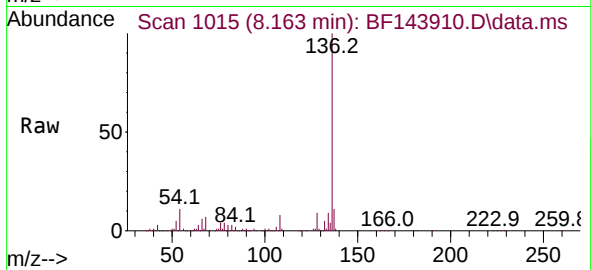
Tgt Ion:	136	Resp:	40673
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.5	12.7
54	10.7	8.2	12.4
68	7.4	6.2	9.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/10/2025

Supervised By :Jagrut Upadhyay 10/10/2025



#22

Acetophenone

Concen: 58.214 ng

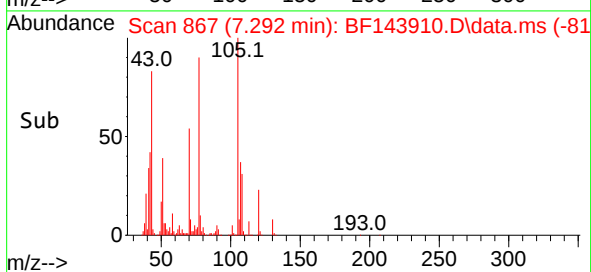
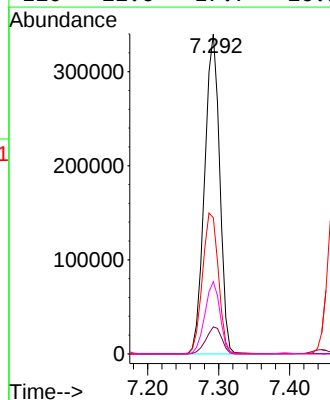
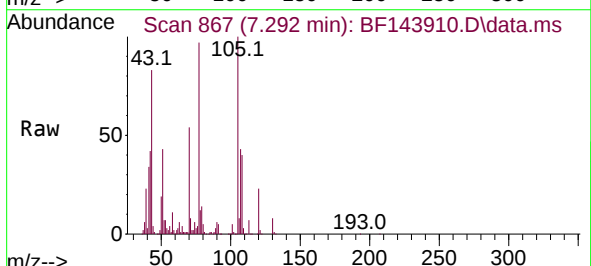
RT: 7.292 min Scan# 867

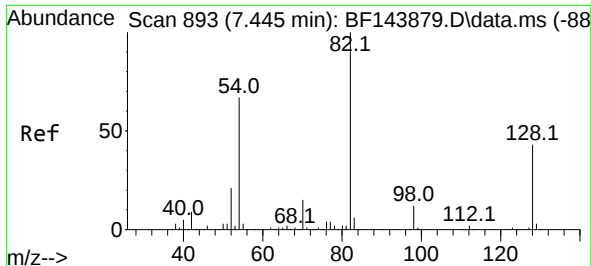
Delta R.T. -0.012 min

Lab File: BF143910.D

Acq: 09 Oct 2025 15:47

Tgt Ion:	105	Resp:	500648
Ion Ratio	Lower	Upper	
105	100		
71	8.4	7.4	11.0
51	42.5	34.2	51.4
120	22.6	17.7	26.5





#23

Nitrobenzene-d5

Concen: 112.818 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF143910.D

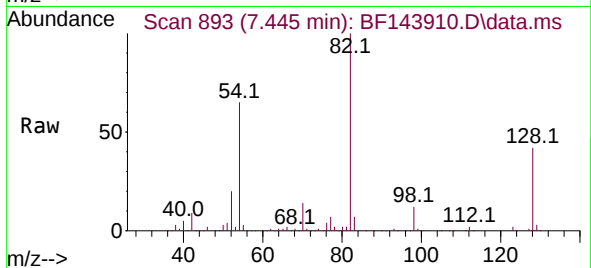
Acq: 09 Oct 2025 15:47

Instrument :

BNA_F

ClientSampleId :

PB170041BS



Tgt Ion: 82 Resp: 755286

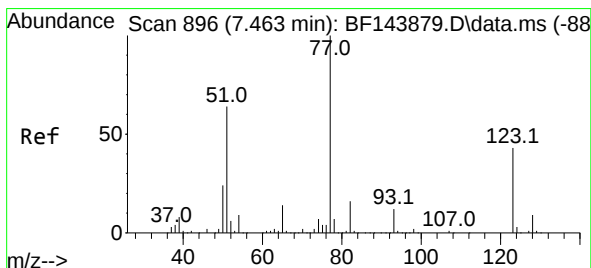
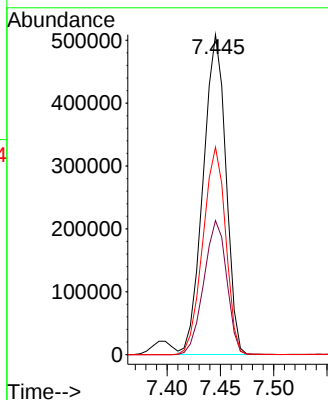
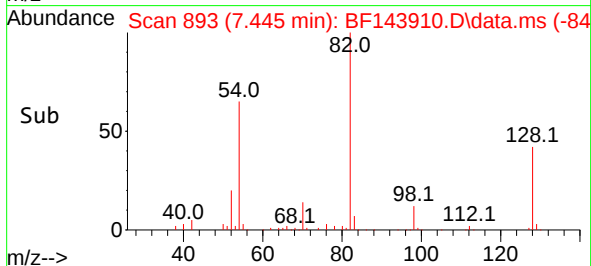
Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.0	51.0
54	64.8	53.2	79.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/10/2025

Supervised By :Jagrut Upadhyay 10/10/2025



#24

Nitrobenzene

Concen: 55.006 ng

RT: 7.463 min Scan# 896

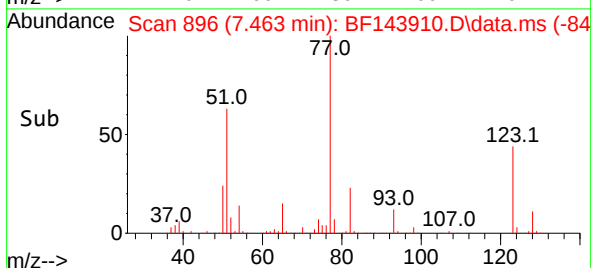
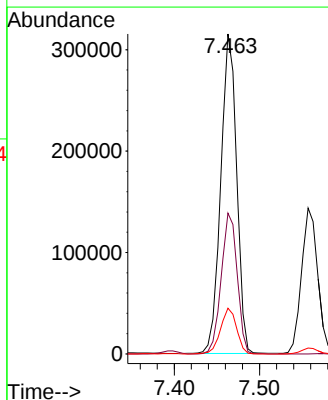
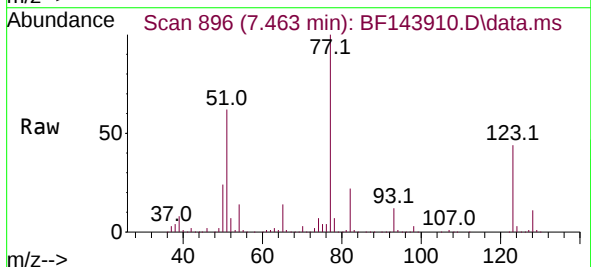
Delta R.T. -0.012 min

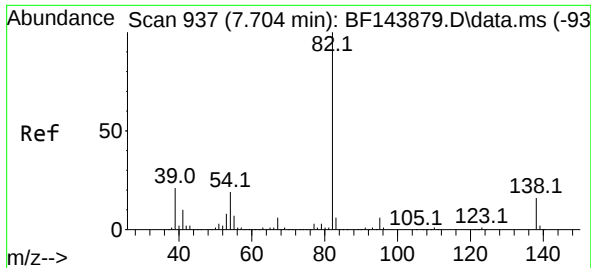
Lab File: BF143910.D

Acq: 09 Oct 2025 15:47

Tgt Ion: 77 Resp: 408949

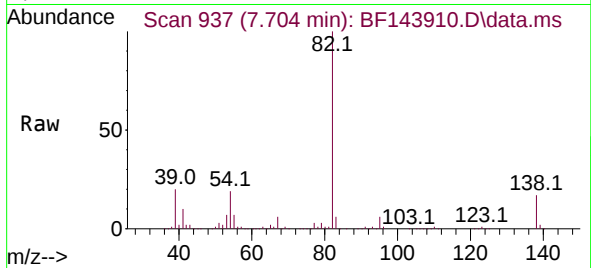
Ion	Ratio	Lower	Upper
77	100		
123	44.0	34.2	51.4
65	14.3	11.0	16.6





#25
Isophorone
Concen: 53.174 ng
RT: 7.704 min Scan# 931
Delta R.T. -0.018 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47

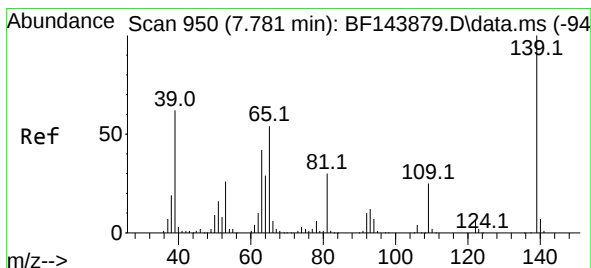
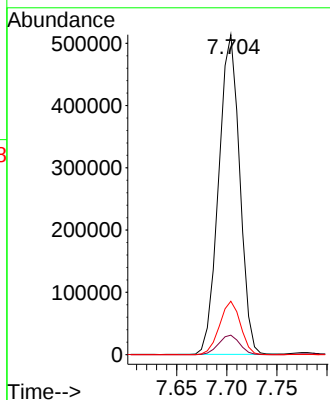
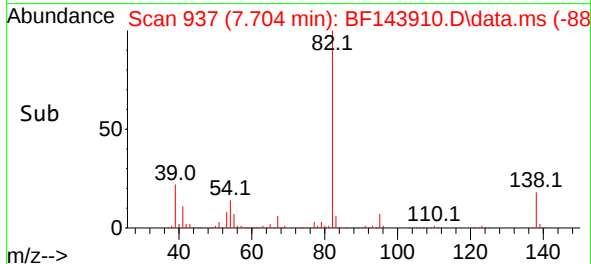
Instrument :
BNA_F
ClientSampleId :
PB170041BS



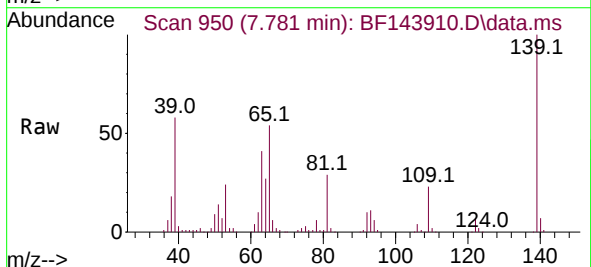
Tgt Ion: 82 Resp: 750619
Ion Ratio Lower Upper
82 100
95 6.1 5.1 7.7
138 16.7 12.9 19.3

Manual Integrations
APPROVED

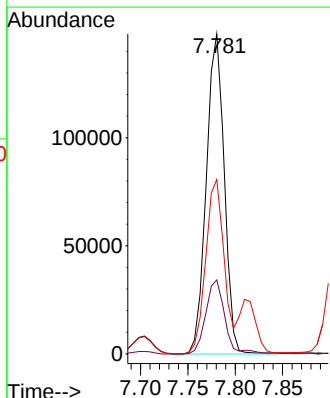
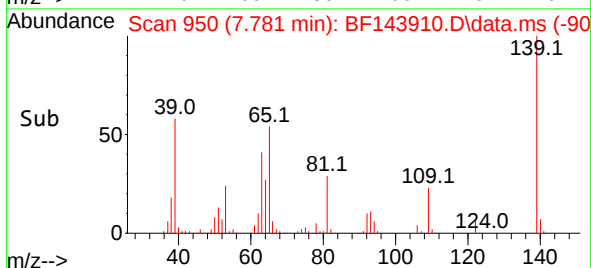
Reviewed By :Rahul Chavli 10/10/2025
Supervised By :Jagrut Upadhyay 10/10/2025

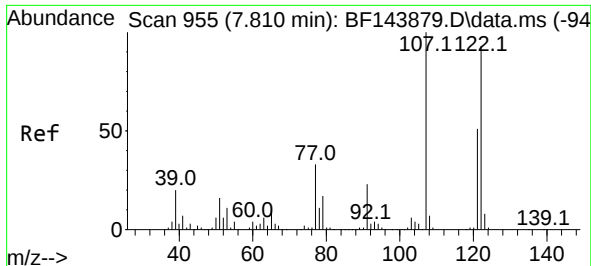


#26
2-Nitrophenol
Concen: 61.317 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47



Tgt Ion:139 Resp: 195445
Ion Ratio Lower Upper
139 100
109 23.1 19.8 29.6
65 54.5 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 57.924 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143910.D

Acq: 09 Oct 2025 15:47

Instrument :

BNA_F

ClientSampleId :

PB170041BS

Tgt Ion:122 Resp: 332124

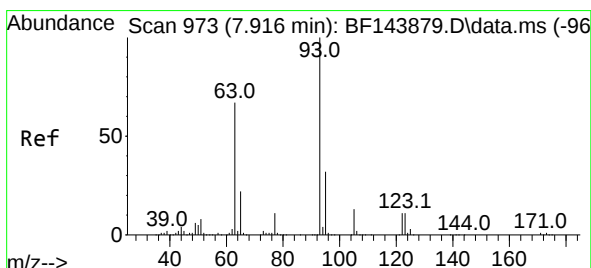
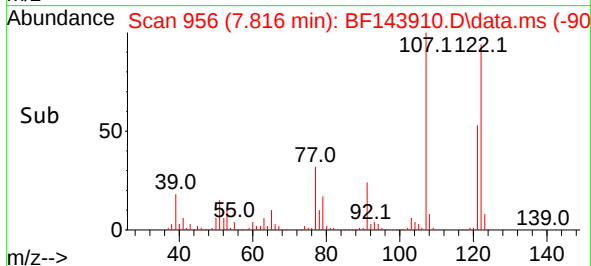
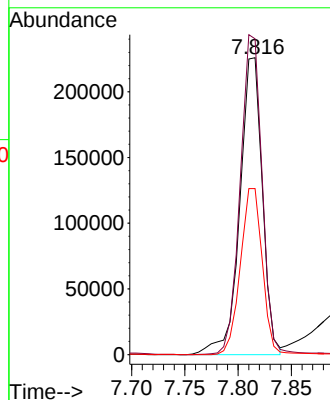
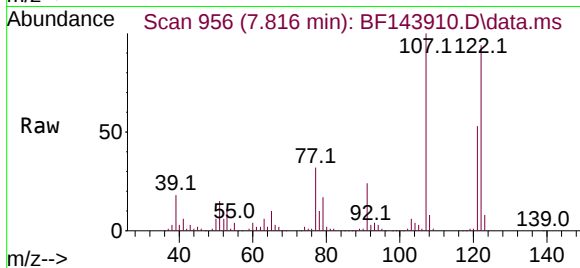
Ion	Ratio	Lower	Upper
122	100		
107	106.3	86.1	129.1
121	55.9	43.8	65.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/10/2025

Supervised By :Jagrut Upadhyay 10/10/2025



#28

bis(2-Chloroethoxy)methane

Concen: 52.270 ng

RT: 7.910 min Scan# 972

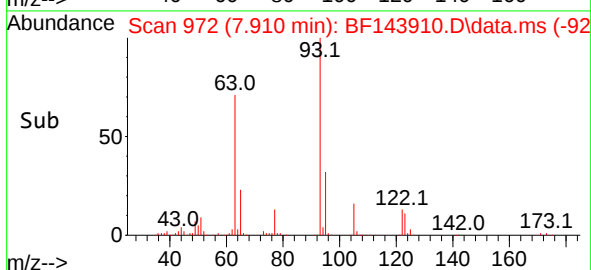
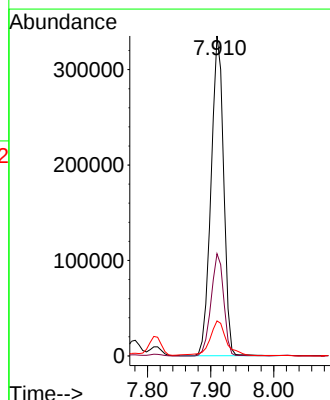
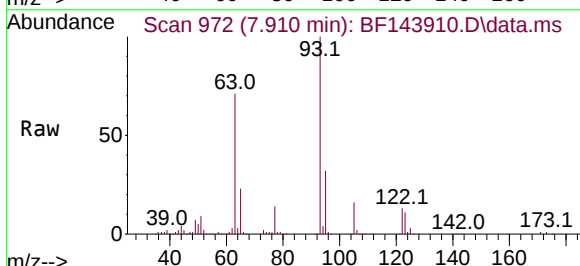
Delta R.T. -0.012 min

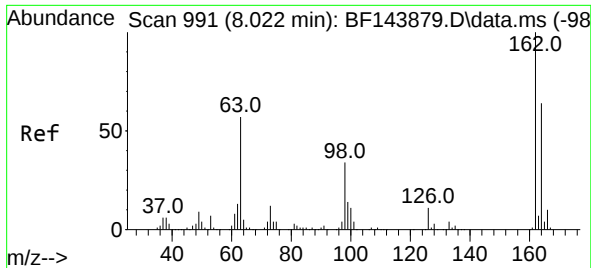
Lab File: BF143910.D

Acq: 09 Oct 2025 15:47

Tgt Ion: 93 Resp: 466088

Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.9	38.9
123	10.9	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 53.002 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143910.D

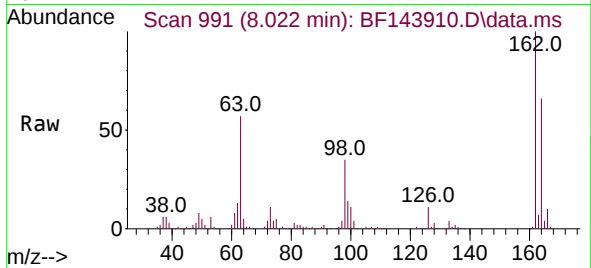
Acq: 09 Oct 2025 15:47

Instrument :

BNA_F

ClientSampleId :

PB170041BS



Tgt Ion:162 Resp: 316556

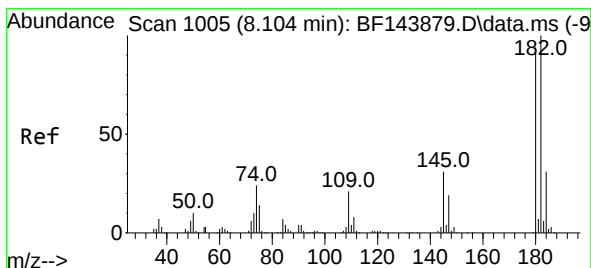
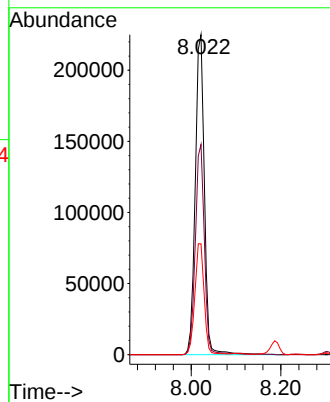
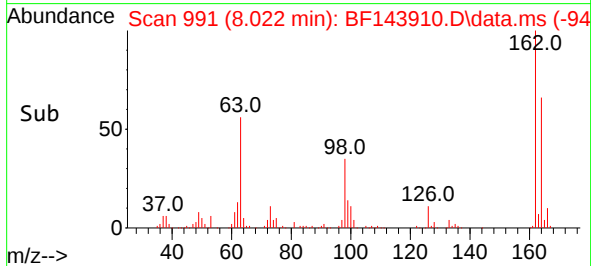
Ion	Ratio	Lower	Upper
162	100		
164	65.7	43.9	83.9
98	34.6	14.4	54.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/10/2025

Supervised By :Jagrut Upadhyay 10/10/2025



#30

1,2,4-Trichlorobenzene

Concen: 56.941 ng

RT: 8.104 min Scan# 1005

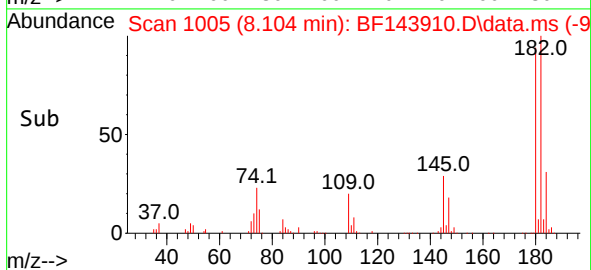
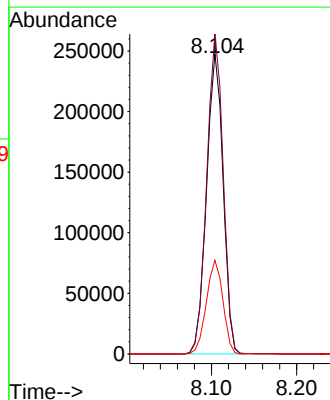
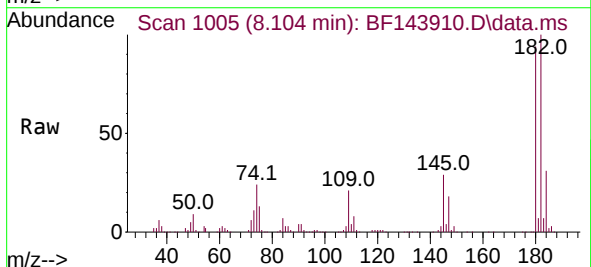
Delta R.T. -0.006 min

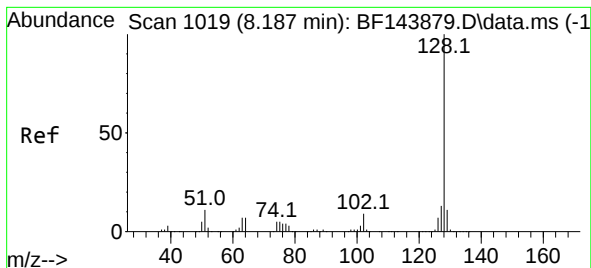
Lab File: BF143910.D

Acq: 09 Oct 2025 15:47

Tgt Ion:180 Resp: 334461

Ion	Ratio	Lower	Upper
180	100		
182	106.5	85.4	128.0
145	31.1	26.3	39.5





#31

Naphthalene

Concen: 53.087 ng

RT: 8.186 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF143910.D

Acq: 09 Oct 2025 15:47

Instrument :

BNA_F

ClientSampleId :

PB170041BS

Tgt Ion:128 Resp: 98223

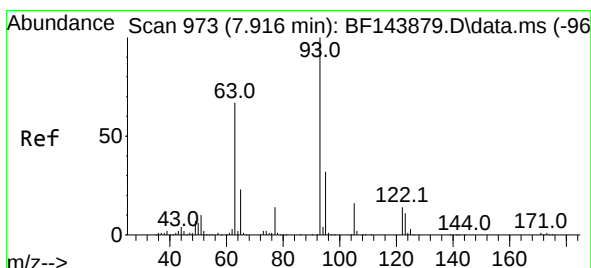
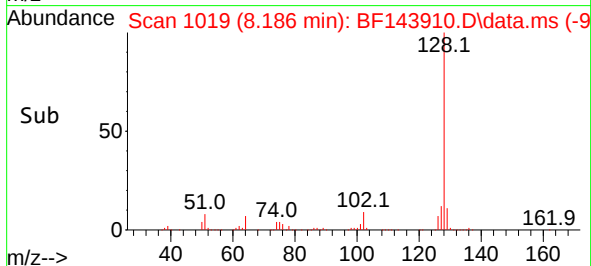
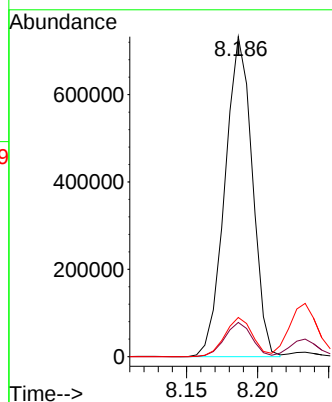
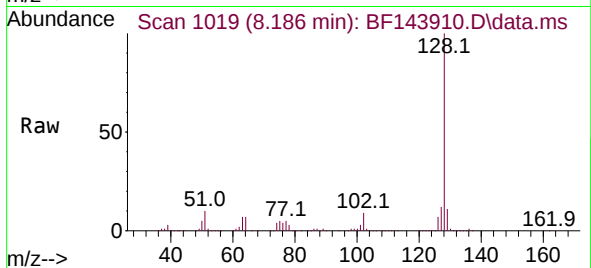
Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.7	13.1
127	12.2	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/10/2025

Supervised By :Jagrut Upadhyay 10/10/2025



#32

Benzoic acid

Concen: 62.649 ng

RT: 7.933 min Scan# 976

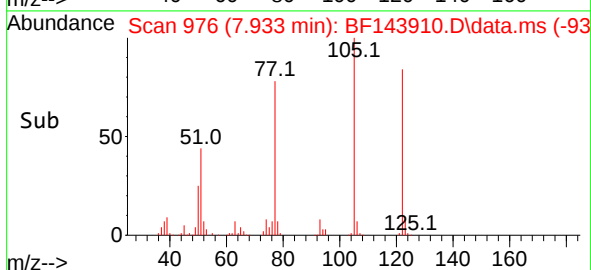
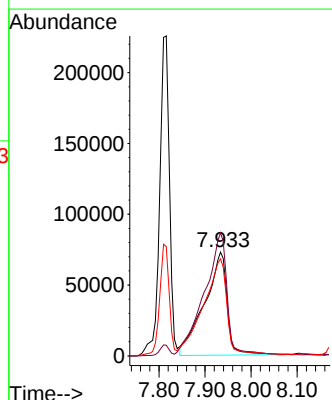
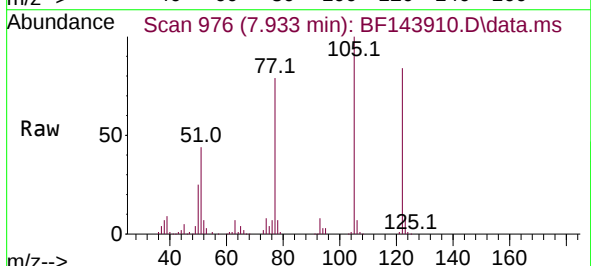
Delta R.T. -0.029 min

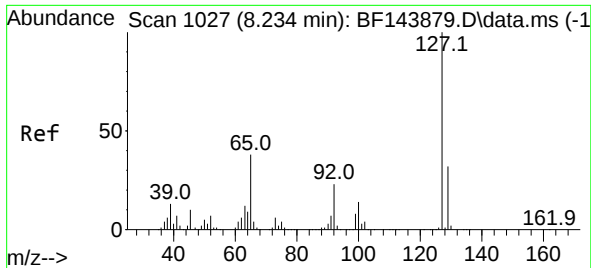
Lab File: BF143910.D

Acq: 09 Oct 2025 15:47

Tgt Ion:122 Resp: 248603

Ion	Ratio	Lower	Upper
122	100		
105	118.6	93.5	133.5
77	93.5	76.3	116.3





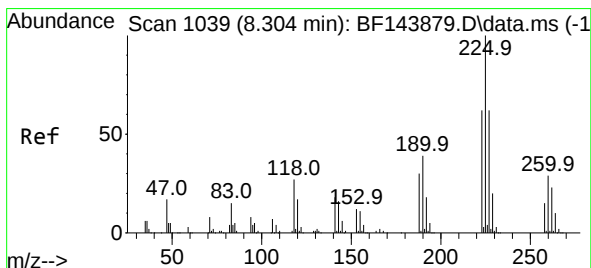
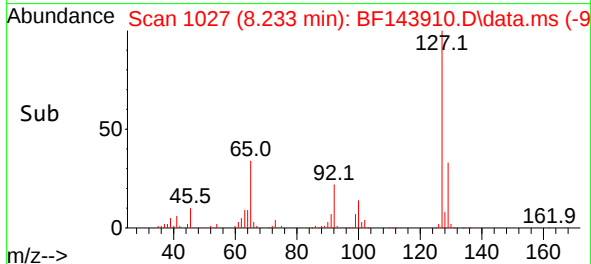
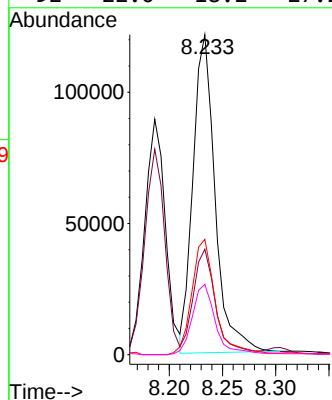
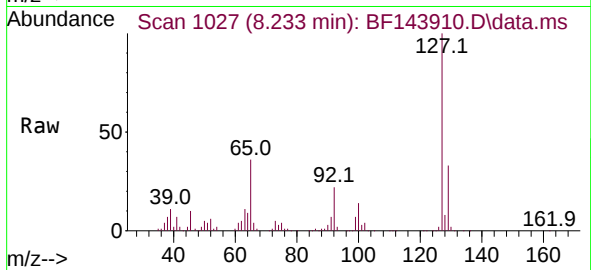
#33
4-Chloroaniline
Concen: 25.255 ng
RT: 8.233 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47

Instrument :
BNA_F
ClientSampleId :
PB170041BS

Tgt Ion:	127	Resp:	175248
Ion Ratio	Lower	Upper	
127	100		
129	32.9	25.8	38.8
65	36.0	30.0	45.0
92	22.0	18.2	27.2

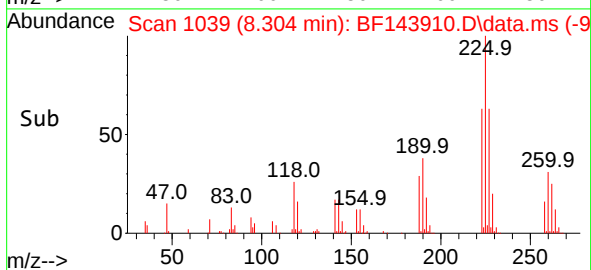
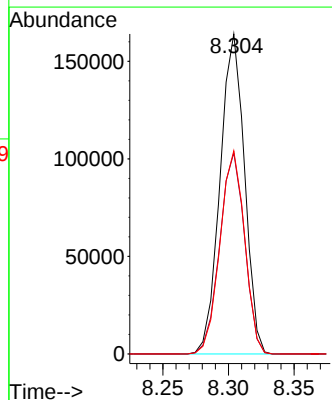
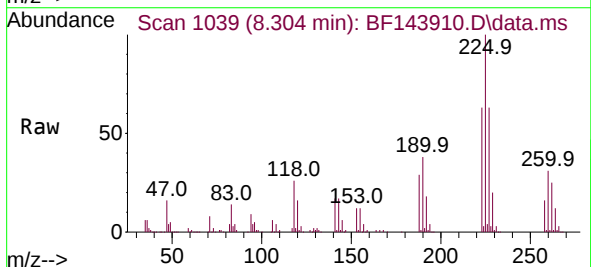
Manual Integrations
APPROVED

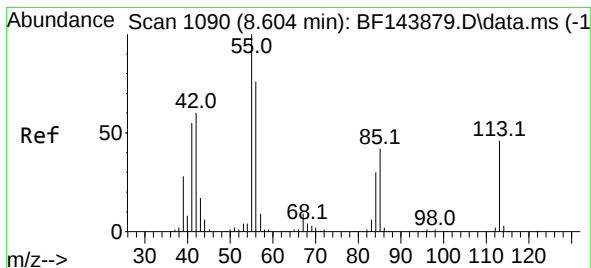
Reviewed By :Rahul Chavli 10/10/2025
Supervised By :Jagrut Upadhyay 10/10/2025



#34
Hexachlorobutadiene
Concen: 52.151 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47

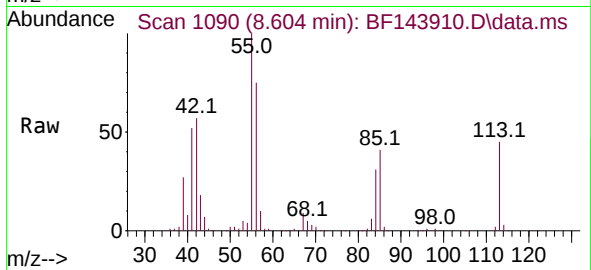
Tgt Ion:	225	Resp:	212864
Ion Ratio	Lower	Upper	
225	100		
223	62.8	49.4	74.2
227	63.5	49.7	74.5





#35
 Caprolactam
 Concen: 57.404 ng m
 RT: 8.604 min Scan# 1090
 Delta R.T. -0.041 min
 Lab File: BF143910.D
 Acq: 09 Oct 2025 15:47

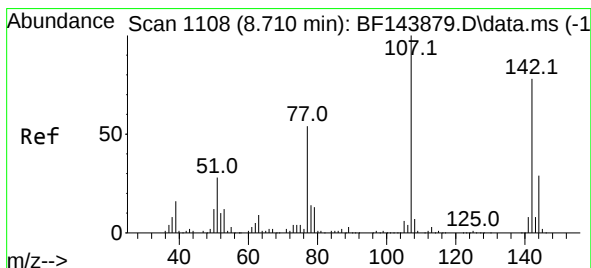
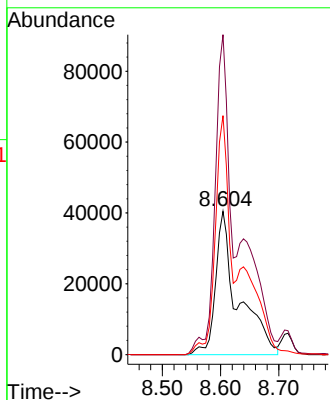
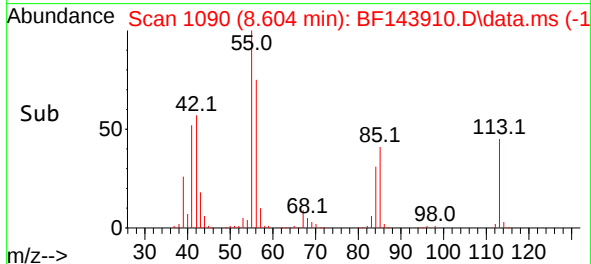
Instrument :
 BNA_F
 ClientSampleId :
 PB170041BS



Tgt Ion:113 Resp: 10901
 Ion Ratio Lower Upper
 113 100
 55 223.2 199.6 239.6
 56 166.7 146.0 186.0

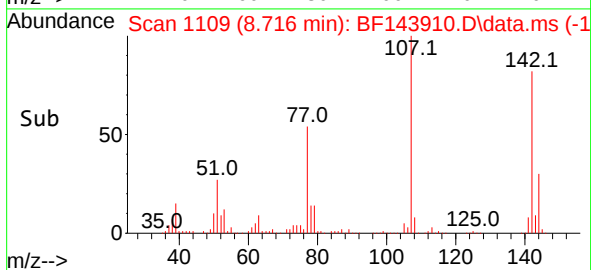
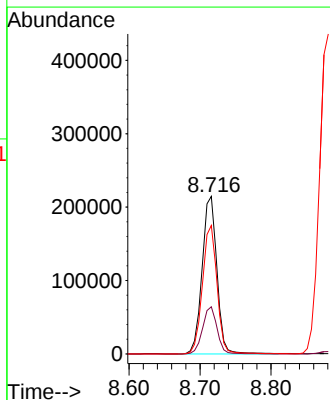
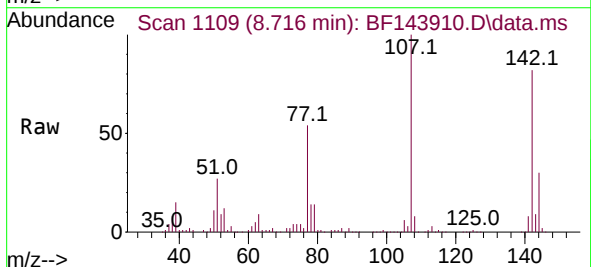
Manual Integrations
 APPROVED

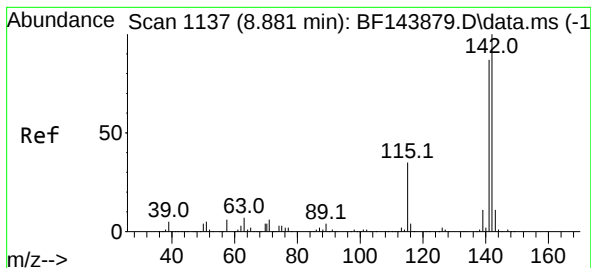
Reviewed By :Rahul Chavli 10/10/2025
 Supervised By :Jagrut Upadhyay 10/10/2025



#36
 4-Chloro-3-methylphenol
 Concen: 53.827 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: BF143910.D
 Acq: 09 Oct 2025 15:47

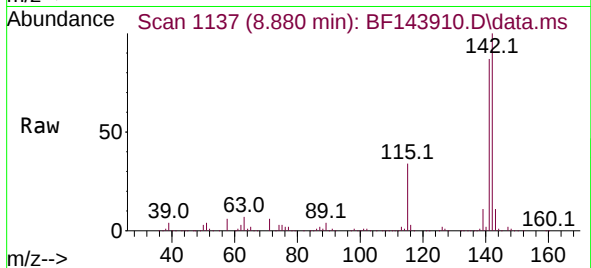
Tgt Ion:107 Resp: 308805
 Ion Ratio Lower Upper
 107 100
 144 29.9 23.1 34.7
 142 81.5 62.6 94.0





#37
2-Methylnaphthalene
Concen: 48.316 ng
RT: 8.880 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47

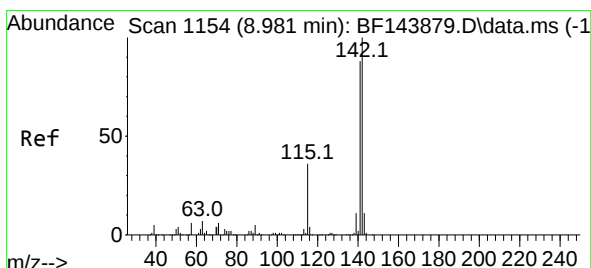
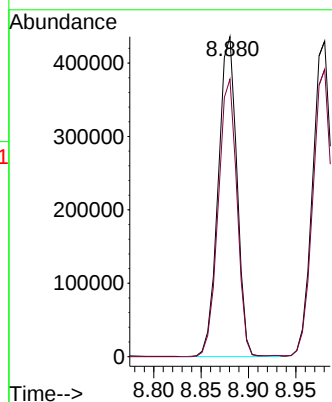
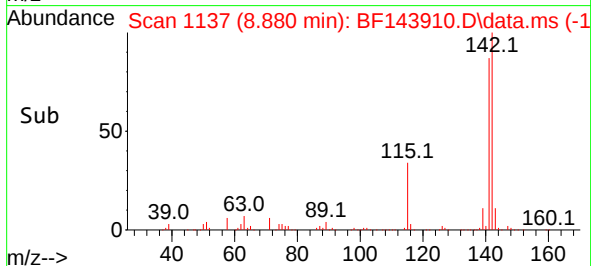
Instrument :
BNA_F
ClientSampleId :
PB170041BS



Tgt Ion:142 Resp: 595486
Ion Ratio Lower Upper
142 100
141 86.7 69.2 103.8

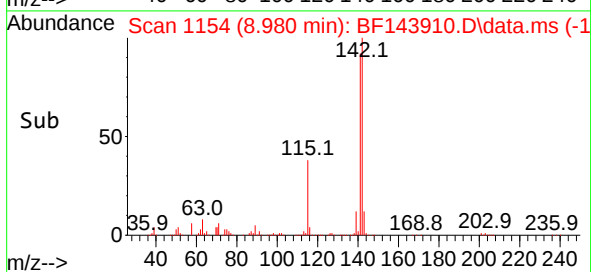
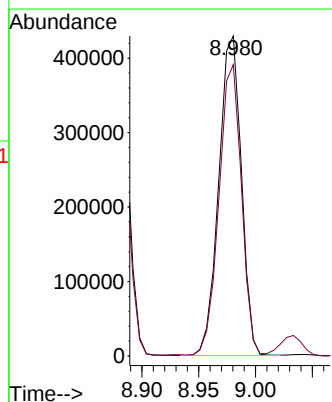
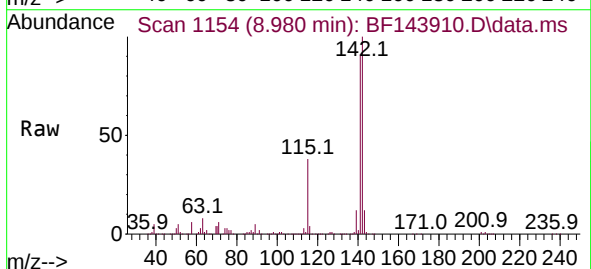
Manual Integrations
APPROVED

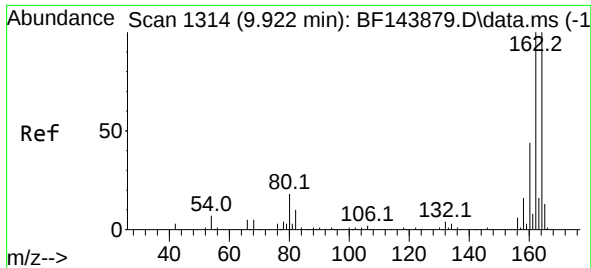
Reviewed By :Rahul Chavli 10/10/2025
Supervised By :Jagrut Upadhyay 10/10/2025



#38
1-Methylnaphthalene
Concen: 49.629 ng
RT: 8.980 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47

Tgt Ion:142 Resp: 593303
Ion Ratio Lower Upper
142 100
141 91.0 70.8 106.2





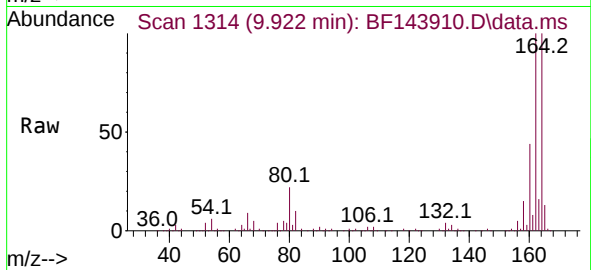
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47

Instrument :

BNA_F

ClientSampleId :

PB170041BS



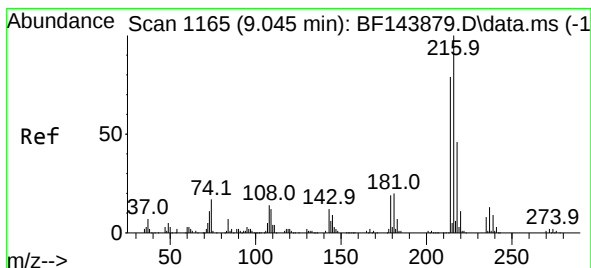
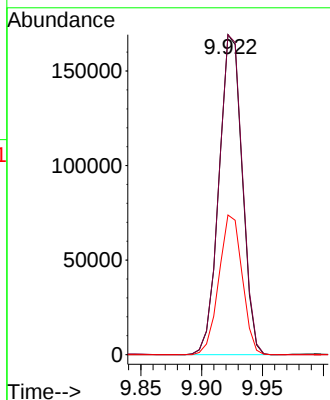
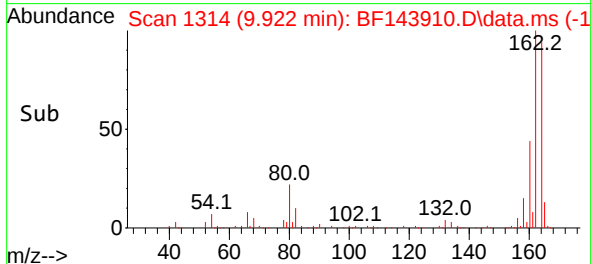
Tgt Ion:164 Resp: 224648
Ion Ratio Lower Upper
164 100
162 100.0 80.2 120.2
160 43.6 35.4 53.0

Manual Integrations

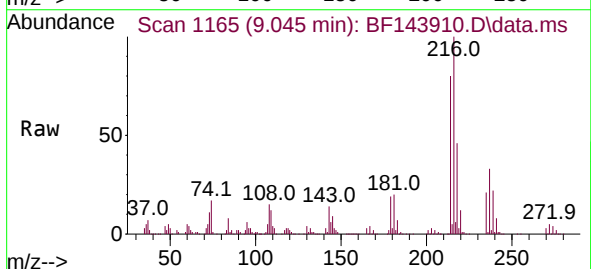
APPROVED

Reviewed By :Rahul Chavli 10/10/2025

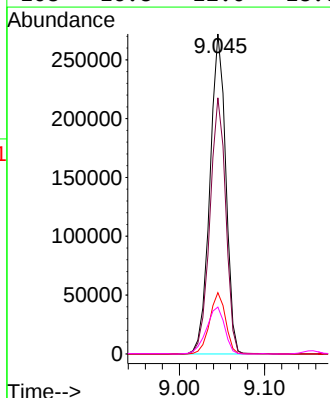
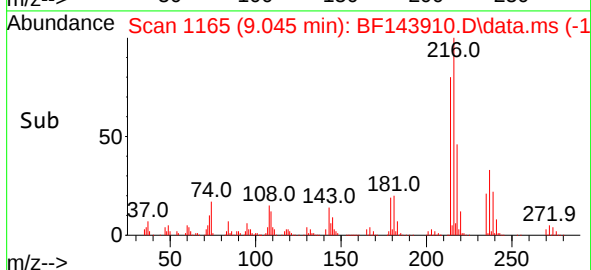
Supervised By :Jagrut Upadhyay 10/10/2025

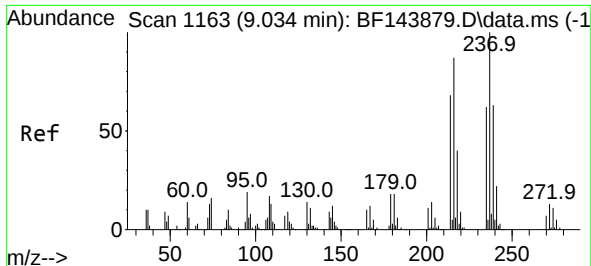


#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.620 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47



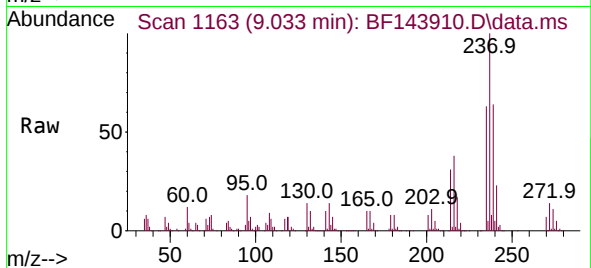
Tgt Ion:216 Resp: 351552
Ion Ratio Lower Upper
216 100
214 79.9 62.6 94.0
179 19.1 15.4 23.0
108 16.8 12.0 18.0





#41
Hexachlorocyclopentadiene
Concen: 139.885 ng
RT: 9.033 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47

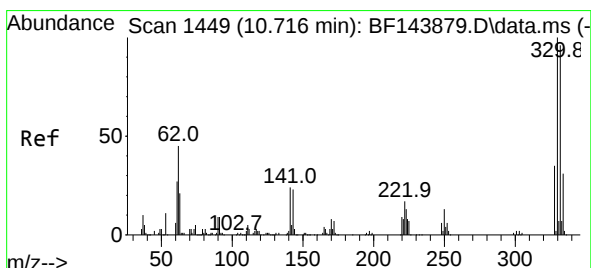
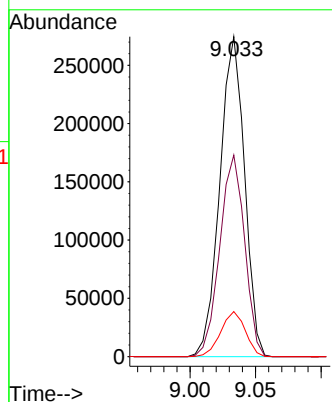
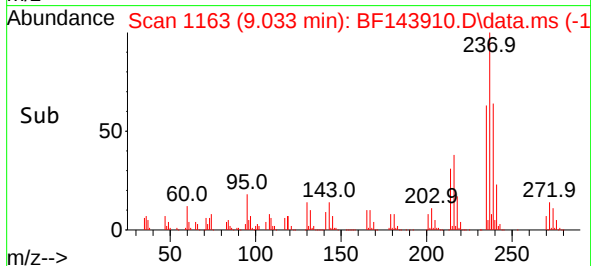
Instrument :
BNA_F
ClientSampleId :
PB170041BS



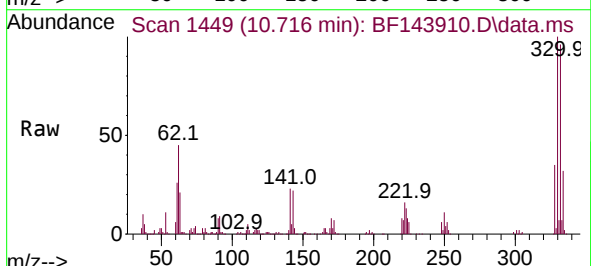
Tgt Ion: 237 Resp: 360322
Ion Ratio Lower Upper
237 100
235 63.0 42.3 82.3
272 14.1 0.0 33.1

Manual Integrations
APPROVED

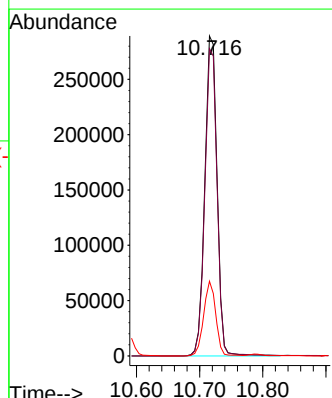
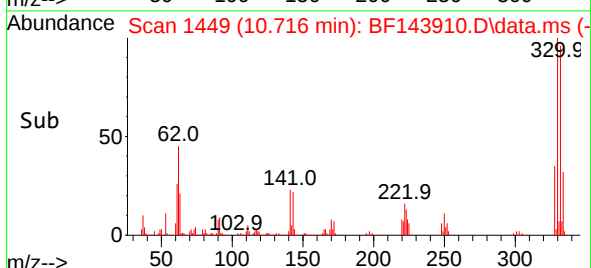
Reviewed By :Rahul Chavli 10/10/2025
Supervised By :Jagrut Upadhyay 10/10/2025

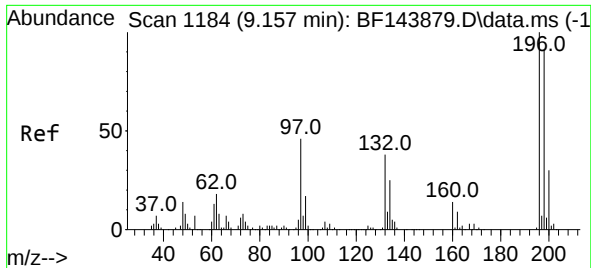


#42
2,4,6-Tribromophenol
Concen: 174.010 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47



Tgt Ion: 330 Resp: 389355
Ion Ratio Lower Upper
330 100
332 96.1 76.9 115.3
141 23.1 20.2 30.4





#43
2,4,6-Trichlorophenol
Concen: 54.234 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47

Instrument :

BNA_F

ClientSampleId :

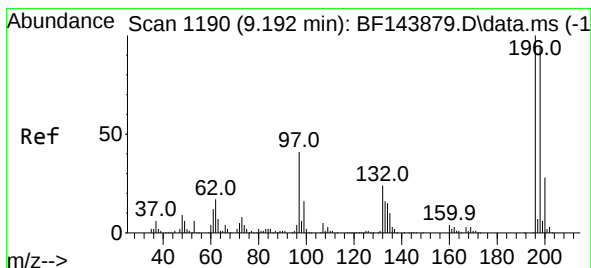
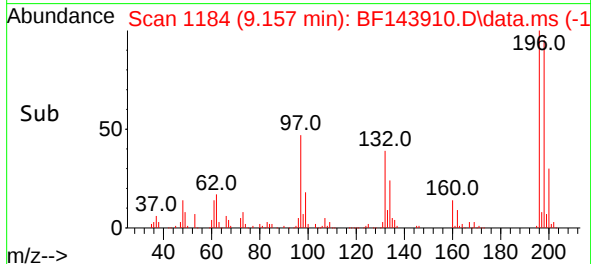
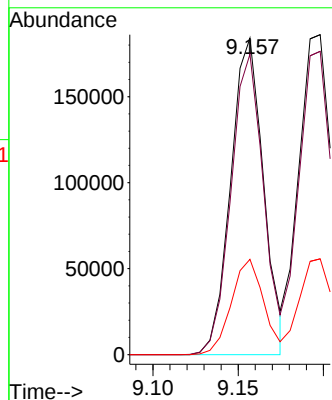
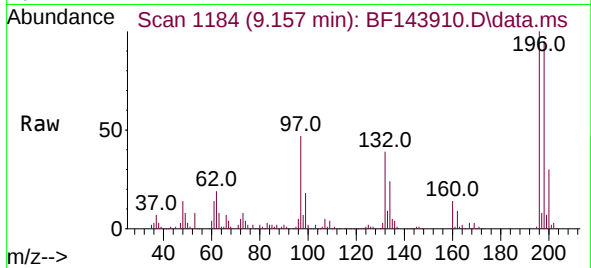
PB170041BS

Tgt Ion:196 Resp: 246042
Ion Ratio Lower Upper
196 100
198 94.9 72.8 109.2
200 30.1 24.0 36.0

Manual Integrations

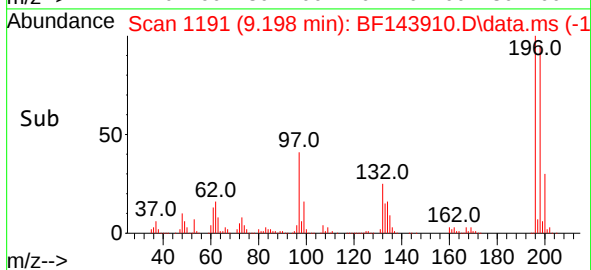
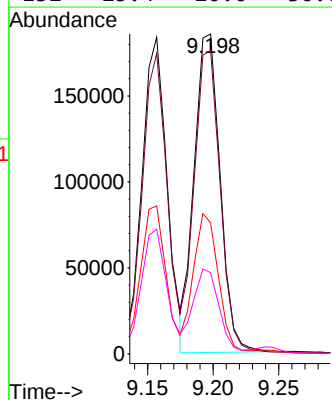
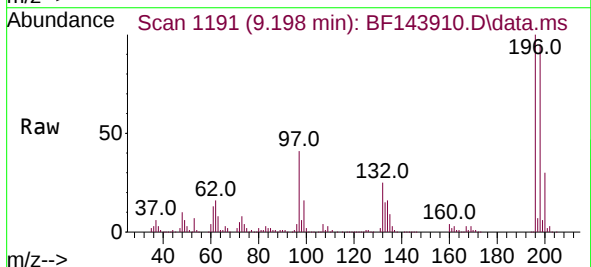
APPROVED

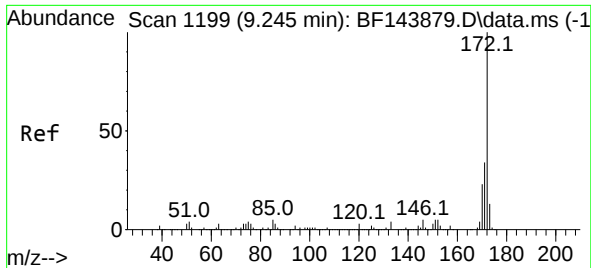
Reviewed By :Rahul Chavli 10/10/2025
Supervised By :Jagrut Upadhyay 10/10/2025



#44
2,4,5-Trichlorophenol
Concen: 53.357 ng
RT: 9.198 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47

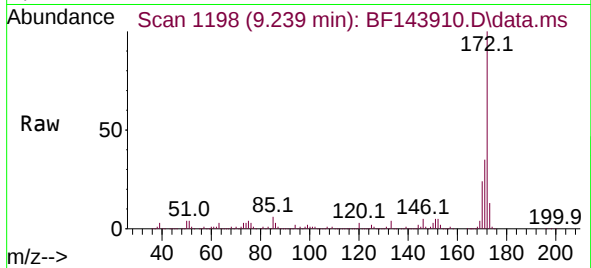
Tgt Ion:196 Resp: 255802
Ion Ratio Lower Upper
196 100
198 94.8 75.5 113.3
97 41.0 33.9 50.9
132 25.4 20.0 30.0





#45
2-Fluorobiphenyl
Concen: 99.423 ng
RT: 9.239 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47

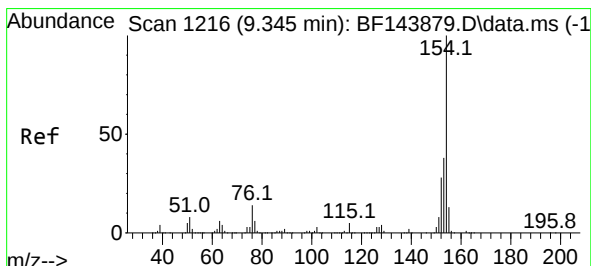
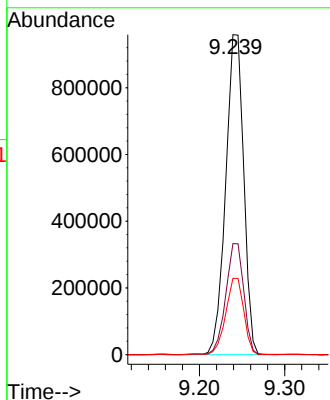
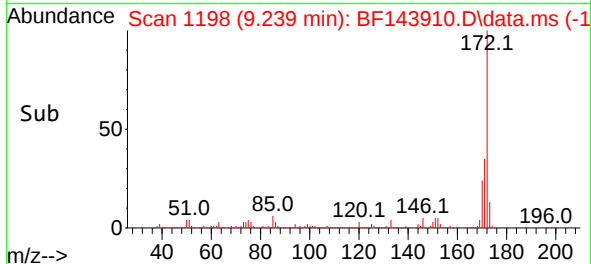
Instrument :
BNA_F
ClientSampleId :
PB170041BS



Tgt Ion:172 Resp: 1407616
Ion Ratio Lower Upper
172 100
171 34.7 27.4 41.0
170 23.8 18.6 28.0

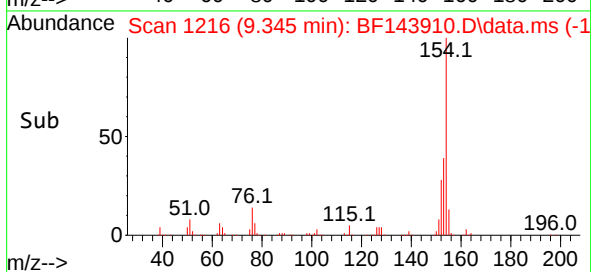
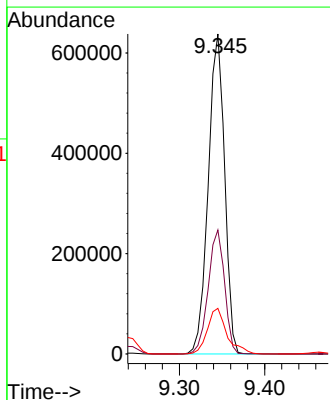
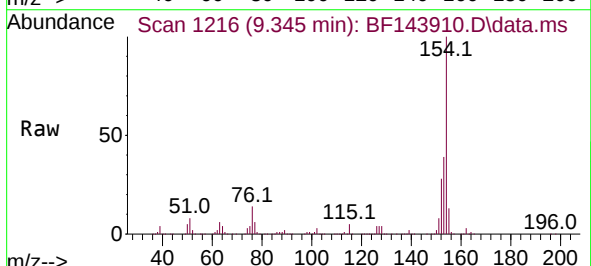
Manual Integrations
APPROVED

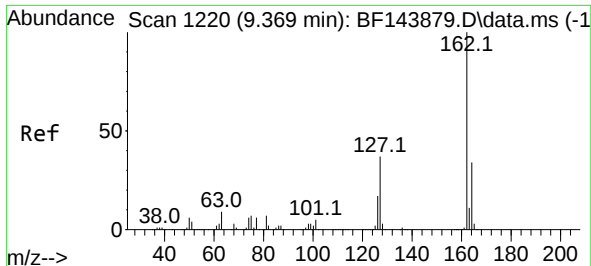
Reviewed By :Rahul Chavli 10/10/2025
Supervised By :Jagrut Upadhyay 10/10/2025



#46
1,1'-Biphenyl
Concen: 57.147 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47

Tgt Ion:154 Resp: 849986
Ion Ratio Lower Upper
154 100
153 38.7 18.4 58.4
76 14.2 0.0 34.0





#47

2-Chloronaphthalene

Concen: 52.017 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143910.D

Acq: 09 Oct 2025 15:47

Instrument :

BNA_F

ClientSampleId :

PB170041BS

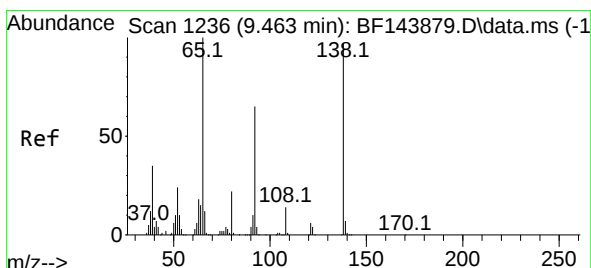
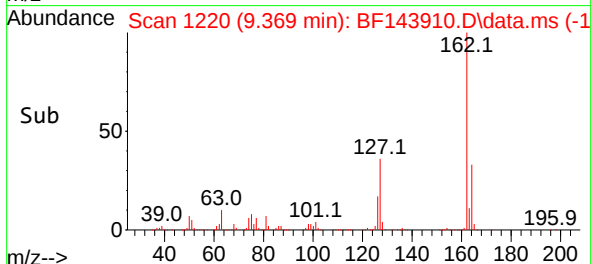
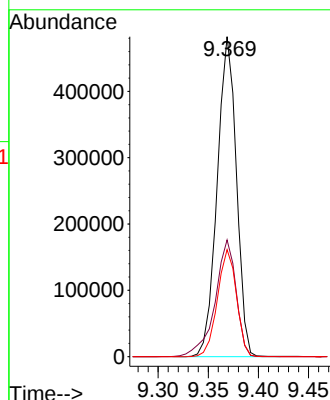
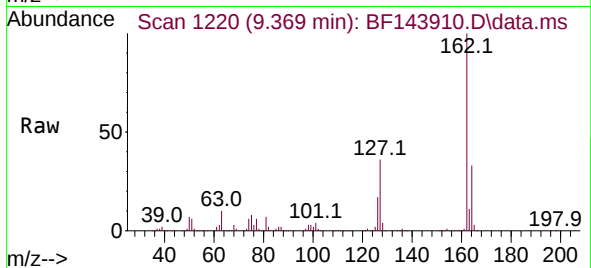
Tgt Ion:162 Resp: 645070
 Ion Ratio Lower Upper
 162 100
 127 36.5 30.2 45.2
 164 33.4 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/10/2025

Supervised By :Jagrut Upadhyay 10/10/2025



#48

2-Nitroaniline

Concen: 59.813 ng

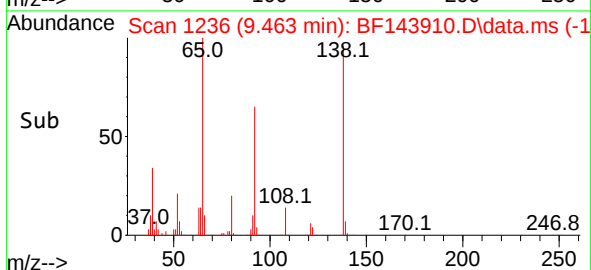
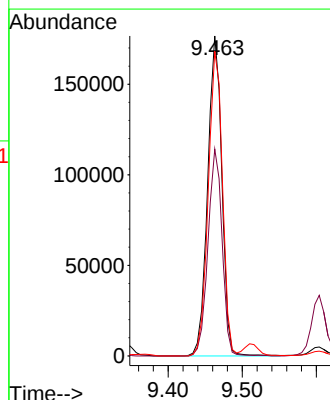
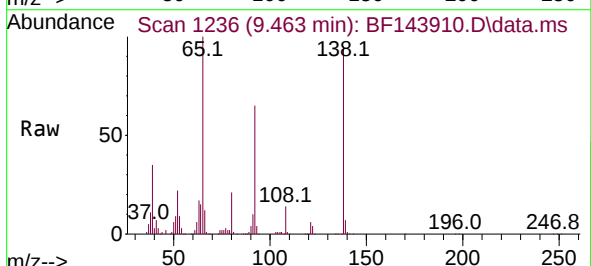
RT: 9.463 min Scan# 1236

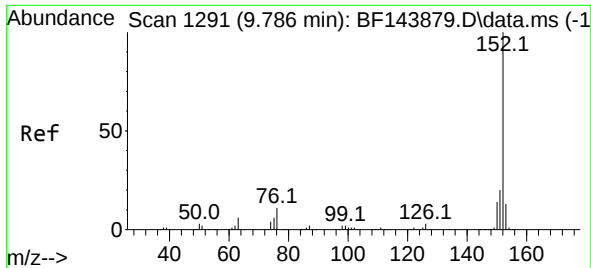
Delta R.T. -0.006 min

Lab File: BF143910.D

Acq: 09 Oct 2025 15:47

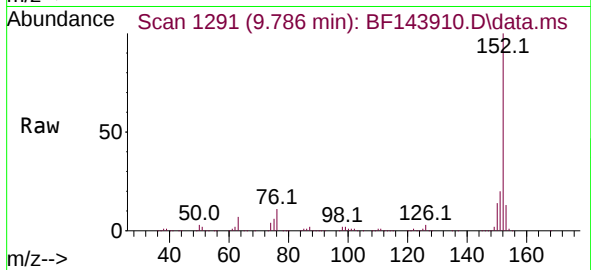
Tgt Ion: 65 Resp: 234508
 Ion Ratio Lower Upper
 65 100
 92 64.6 52.1 78.1
 138 95.2 77.4 116.2





#49
Acenaphthylene
Concen: 59.866 ng
RT: 9.786 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47

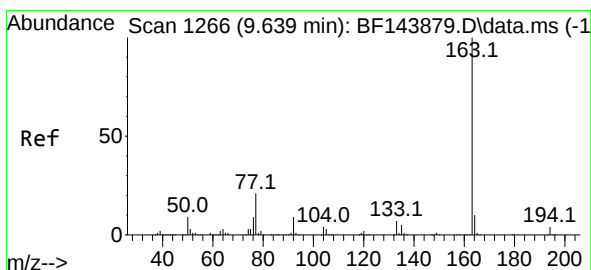
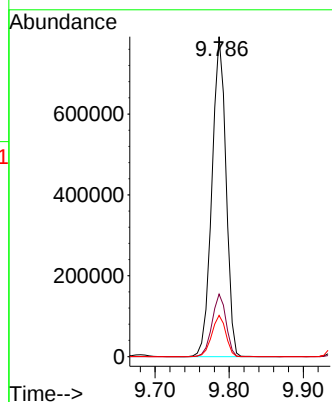
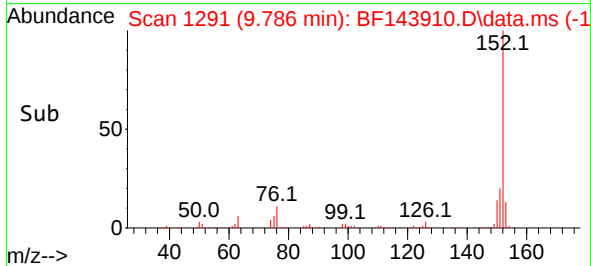
Instrument :
BNA_F
ClientSampleId :
PB170041BS



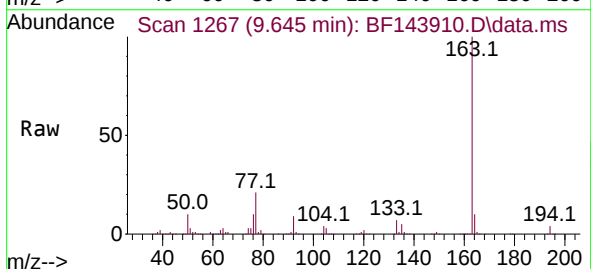
Tgt Ion:152 Resp: 1043714
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 12.9 10.5 15.7

Manual Integrations
APPROVED

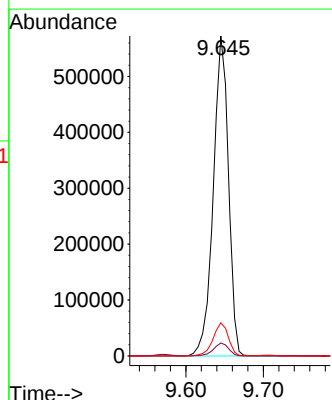
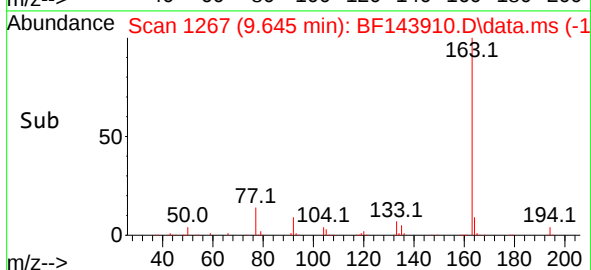
Reviewed By :Rahul Chavli 10/10/2025
Supervised By :Jagrut Upadhyay 10/10/2025

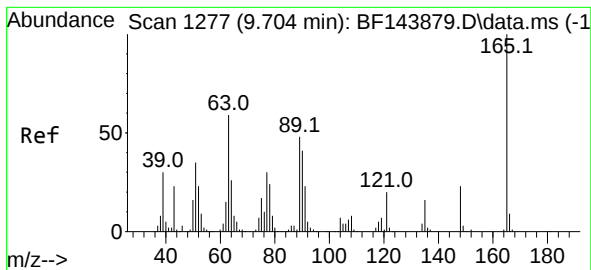


#50
Dimethylphthalate
Concen: 54.501 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47



Tgt Ion:163 Resp: 777510
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.3 8.1 12.1





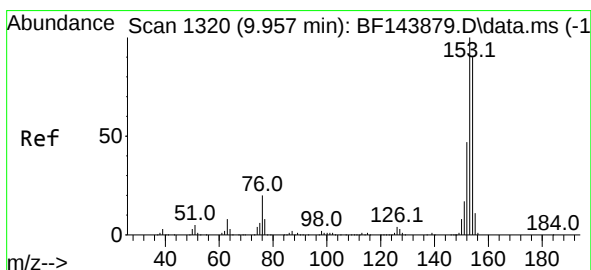
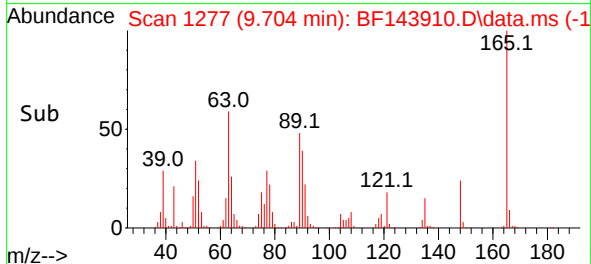
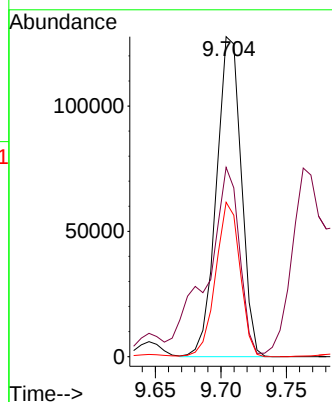
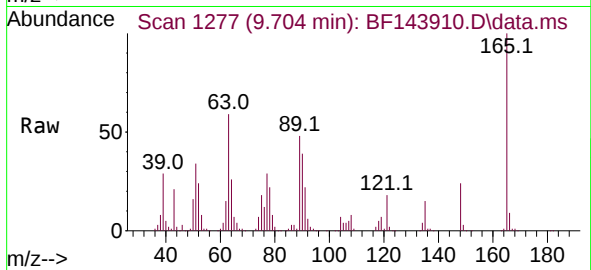
#51
2,6-Dinitrotoluene
Concen: 63.832 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.012 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47

Instrument :
BNA_F
ClientSampleId :
PB170041BS

Tgt Ion:165 Resp: 168860
Ion Ratio Lower Upper
165 100
63 59.1 47.3 70.9
89 48.2 38.2 57.4

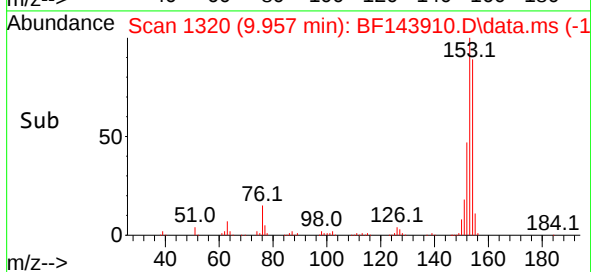
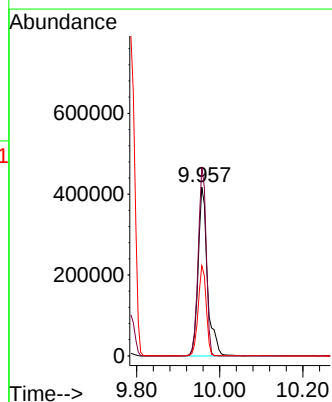
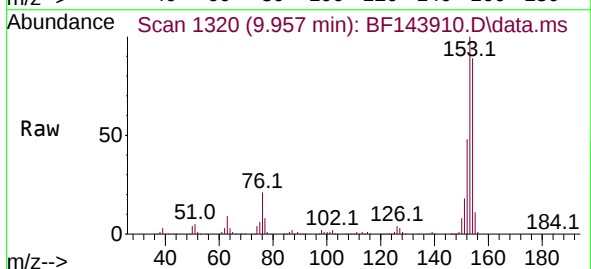
Manual Integrations
APPROVED

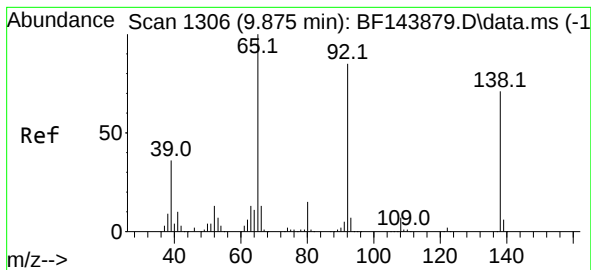
Reviewed By :Rahul Chavli 10/10/2025
Supervised By :Jagrut Upadhyay 10/10/2025



#52
Acenaphthene
Concen: 56.659 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47

Tgt Ion:154 Resp: 647263
Ion Ratio Lower Upper
154 100
153 112.0 89.3 133.9
152 53.4 42.2 63.2





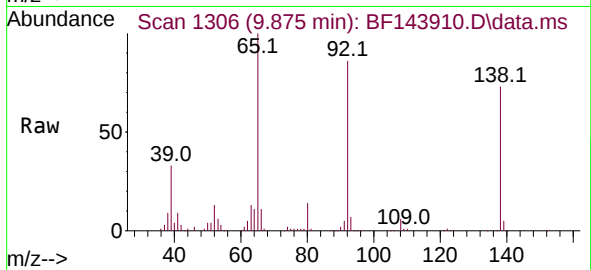
#53
3-Nitroaniline
Concen: 38.161 ng
RT: 9.875 min Scan# 1306
Delta R.T. -0.012 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47

Instrument :

BNA_F

ClientSampleId :

PB170041BS



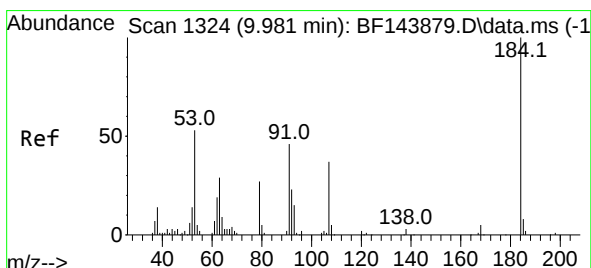
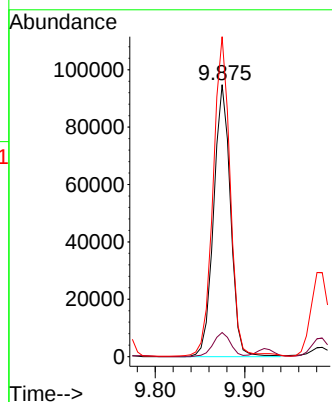
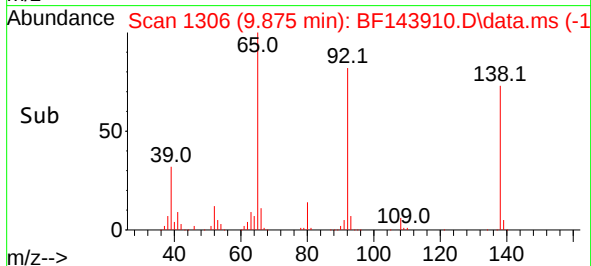
Tgt Ion:138 Resp: 123609
Ion Ratio Lower Upper
138 100
108 8.9 8.3 12.5
92 117.7 96.2 144.2

Manual Integrations

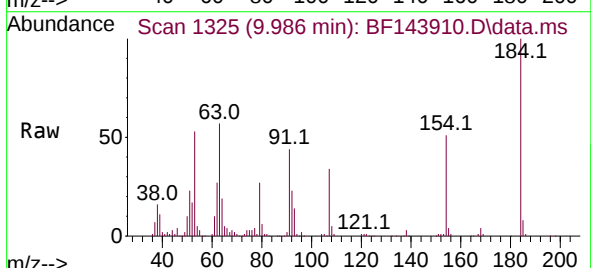
APPROVED

Reviewed By :Rahul Chavli 10/10/2025

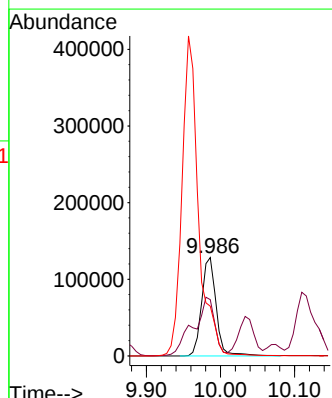
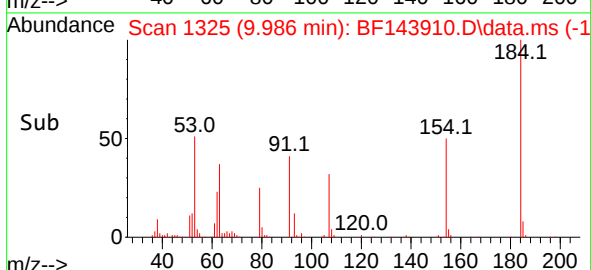
Supervised By :Jagrut Upadhyay 10/10/2025

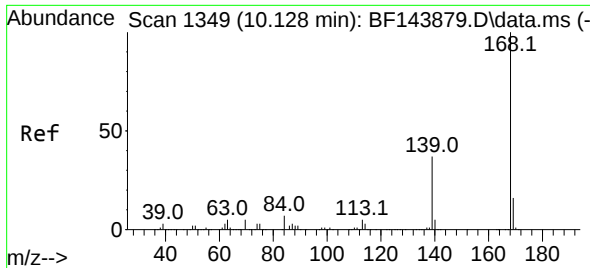


#54
2,4-Dinitrophenol
Concen: 104.506 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47



Tgt Ion:184 Resp: 174327
Ion Ratio Lower Upper
184 100
63 57.3 48.2 72.4
154 50.6 49.2 73.8





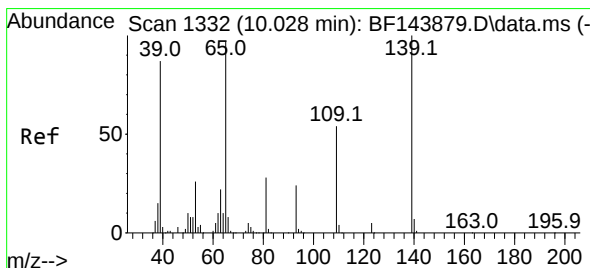
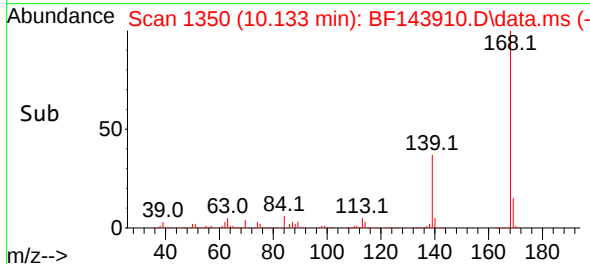
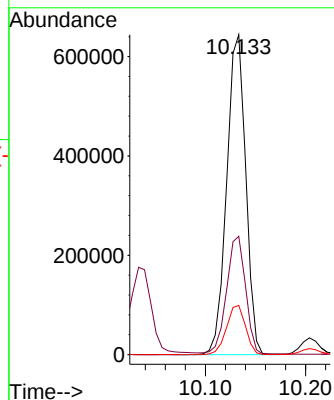
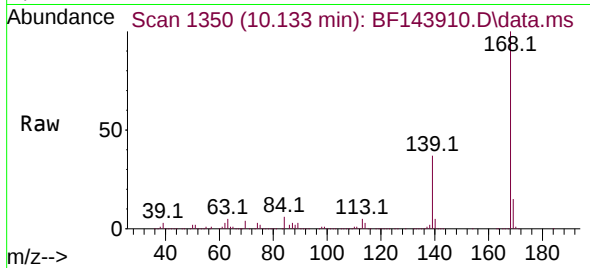
#55
Dibenzofuran
Concen: 52.826 ng
RT: 10.133 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47

Instrument :
BNA_F
ClientSampleId :
PB170041BS

Tgt Ion:168 Resp: 851872
Ion Ratio Lower Upper
168 100
139 37.0 29.8 44.8
169 15.4 12.8 19.2

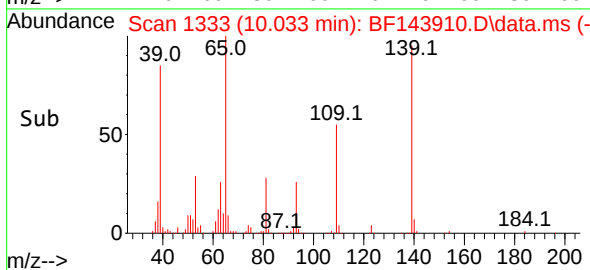
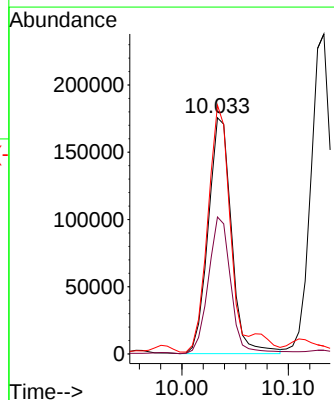
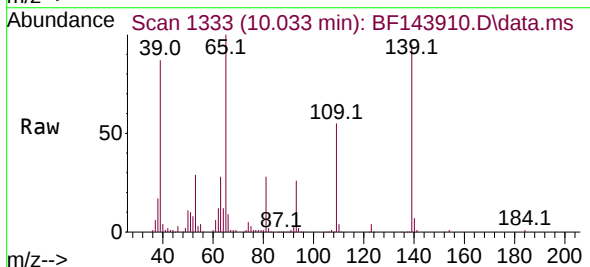
Manual Integrations
APPROVED

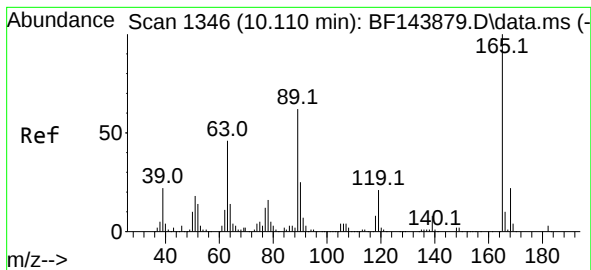
Reviewed By :Rahul Chavli 10/10/2025
Supervised By :Jagrut Upadhyay 10/10/2025



#56
4-Nitrophenol
Concen: 108.201 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47

Tgt Ion:139 Resp: 265368
Ion Ratio Lower Upper
139 100
109 58.0 34.5 74.5
65 105.3 77.6 117.6





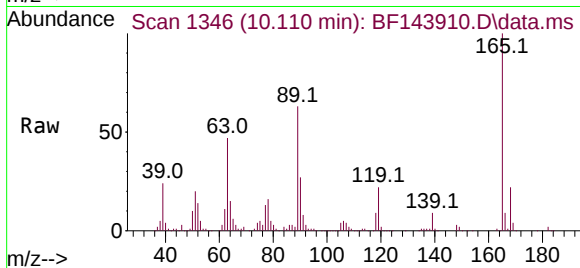
#57
2,4-Dinitrotoluene
Concen: 64.732 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47

Instrument :

BNA_F

ClientSampleId :

PB170041BS

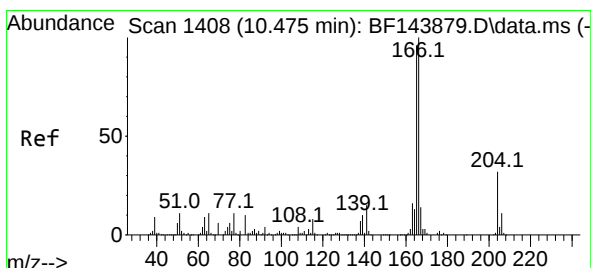
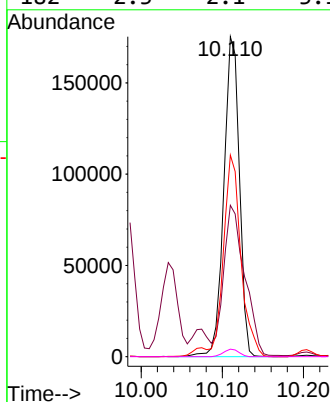
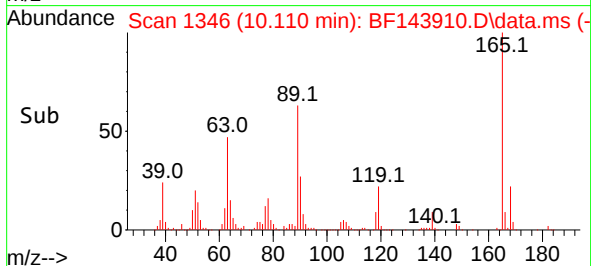


Tgt Ion:165 Resp: 232995
Ion Ratio Lower Upper
165 100
63 47.3 37.2 55.8
89 63.0 49.4 74.2
182 2.3 2.1 3.1

Manual Integrations

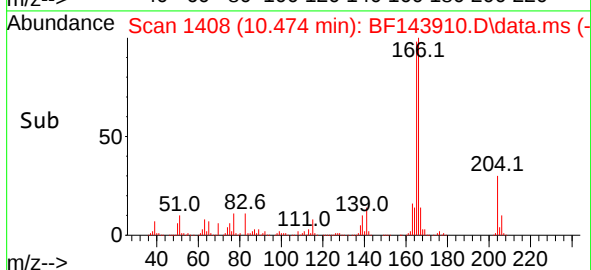
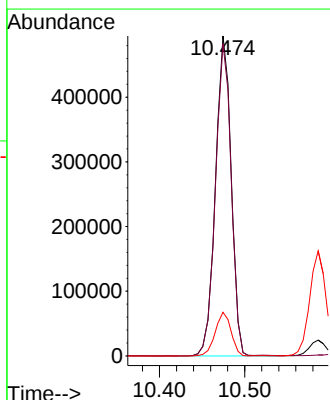
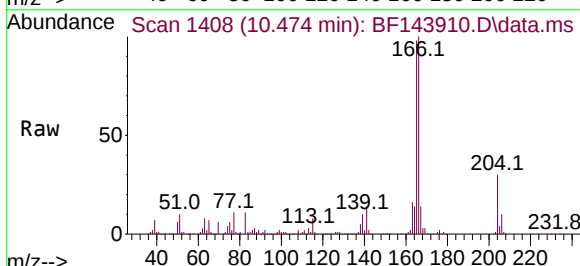
APPROVED

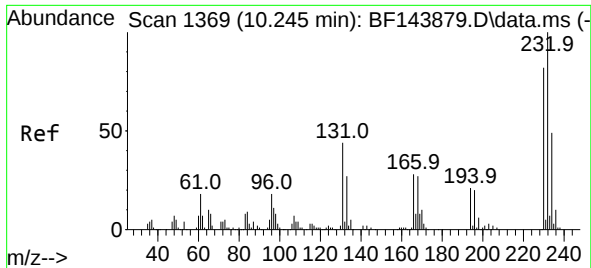
Reviewed By :Rahul Chavli 10/10/2025
Supervised By :Jagrut Upadhyay 10/10/2025



#58
Fluorene
Concen: 52.085 ng
RT: 10.474 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47

Tgt Ion:166 Resp: 633786
Ion Ratio Lower Upper
166 100
165 97.6 77.0 115.6
167 13.6 11.1 16.7





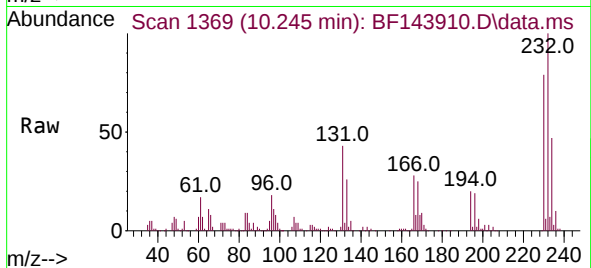
#59
2,3,4,6-Tetrachlorophenol
Concen: 60.034 ng m
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47

Instrument :

BNA_F

ClientSampleId :

PB170041BS



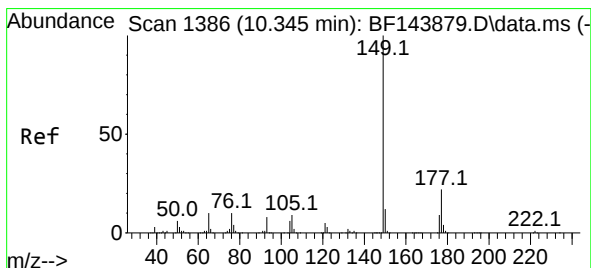
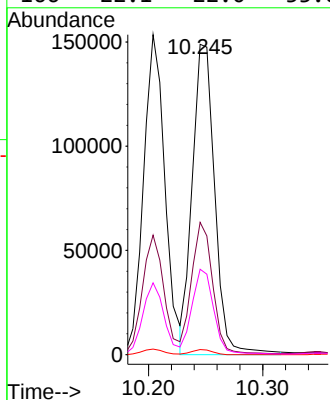
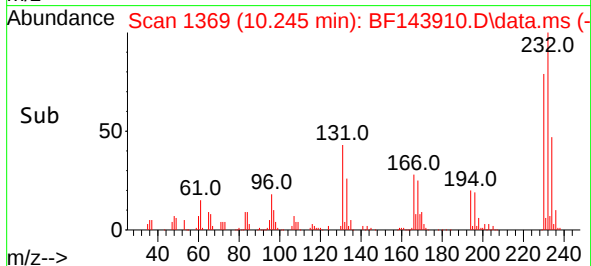
Tgt Ion:232 Resp: 203736
Ion Ratio Lower Upper
232 100
131 37.1 34.9 52.3
130 1.7 1.6 2.4
166 22.1 22.0 33.0

Manual Integrations

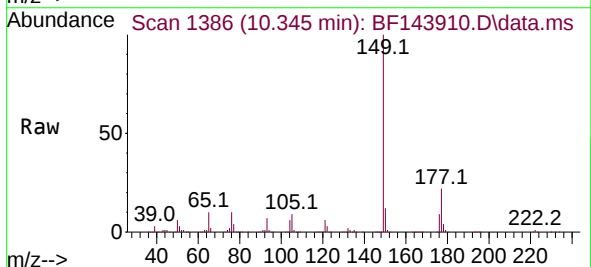
APPROVED

Reviewed By :Rahul Chavli 10/10/2025

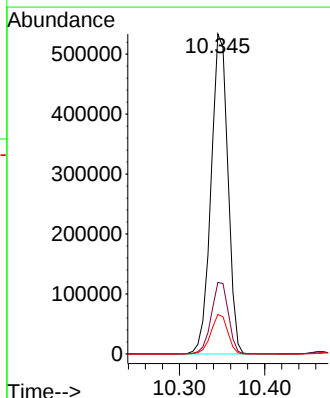
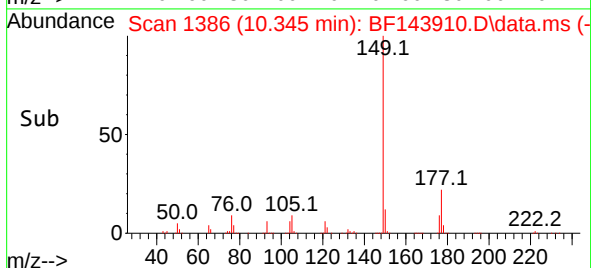
Supervised By :Jagrut Upadhyay 10/10/2025

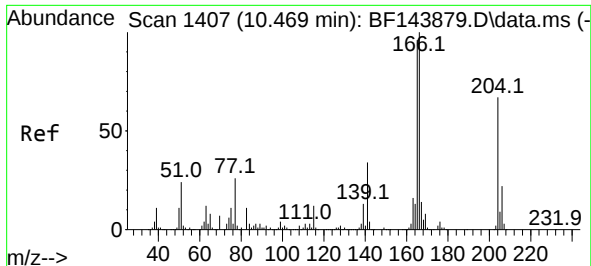


#60
Diethylphthalate
Concen: 55.271 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47



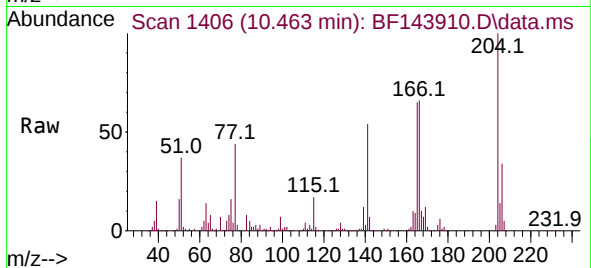
Tgt Ion:149 Resp: 732531
Ion Ratio Lower Upper
149 100
177 22.3 17.9 26.9
150 12.3 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 52.191 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47

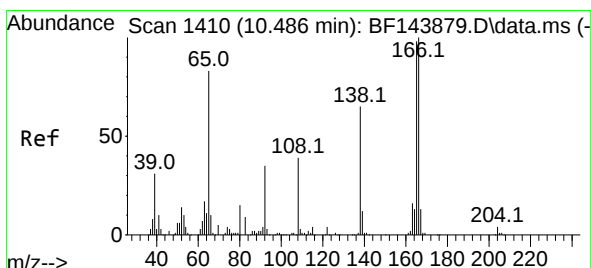
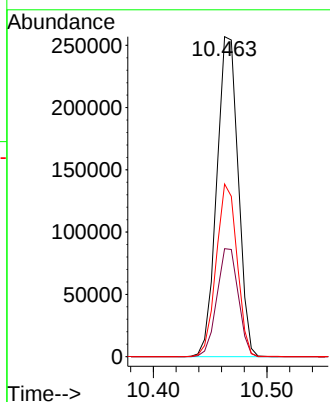
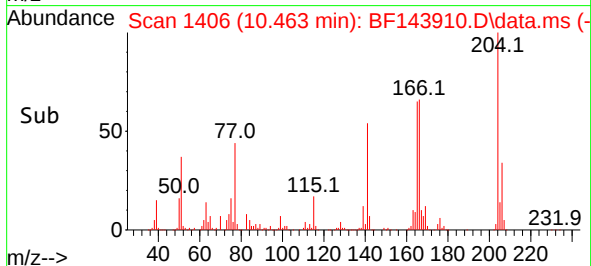
Instrument :
BNA_F
ClientSampleId :
PB170041BS



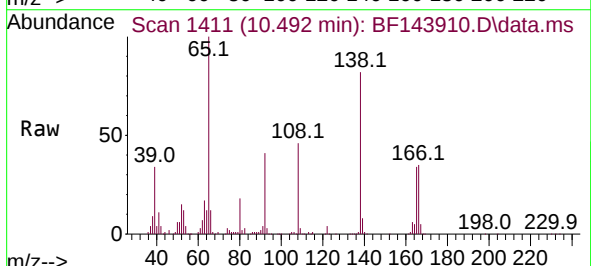
Tgt Ion:204 Resp: 335760
Ion Ratio Lower Upper
204 100
206 33.7 26.6 40.0
141 53.9 40.4 60.6

Manual Integrations
APPROVED

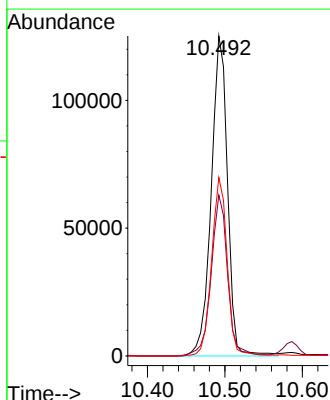
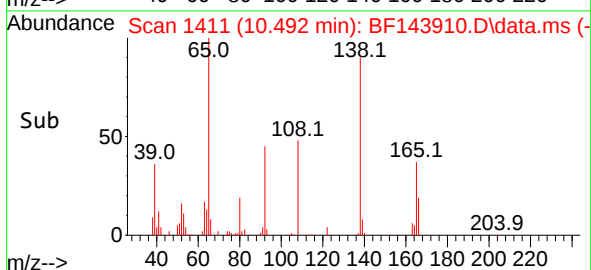
Reviewed By :Rahul Chavli 10/10/2025
Supervised By :Jagrut Upadhyay 10/10/2025

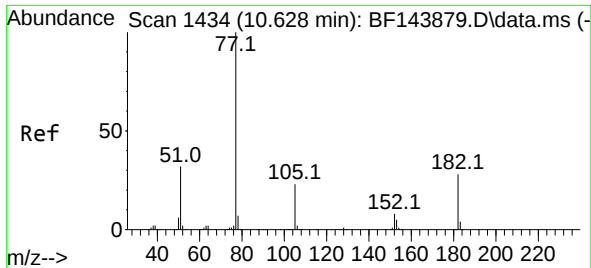


#62
4-Nitroaniline
Concen: 58.645 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.018 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47



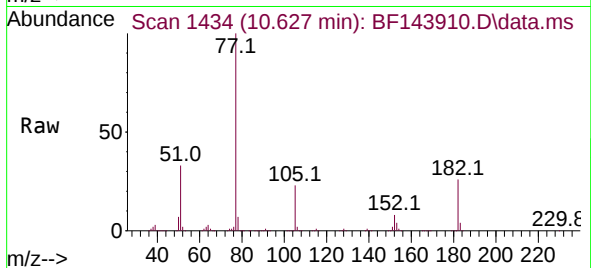
Tgt Ion:138 Resp: 182668
Ion Ratio Lower Upper
138 100
92 50.3 33.9 73.9
108 55.7 40.2 80.2





#63
Azobenzene
Concen: 56.104 ng
RT: 10.627 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47

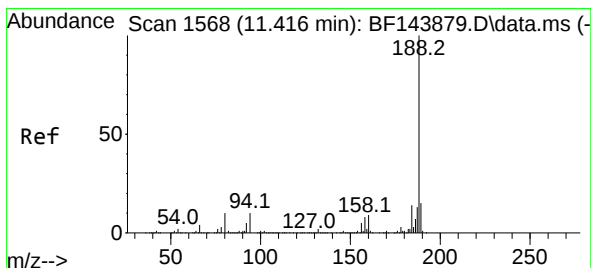
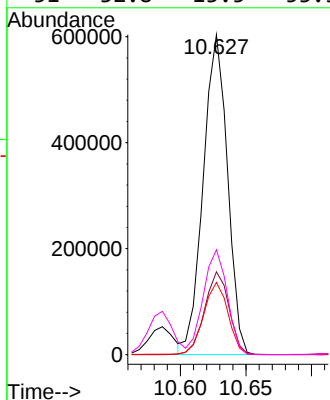
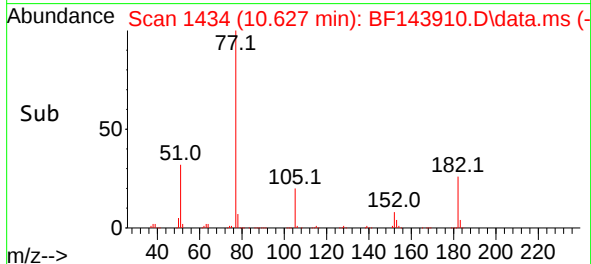
Instrument :
BNA_F
ClientSampleId :
PB170041BS



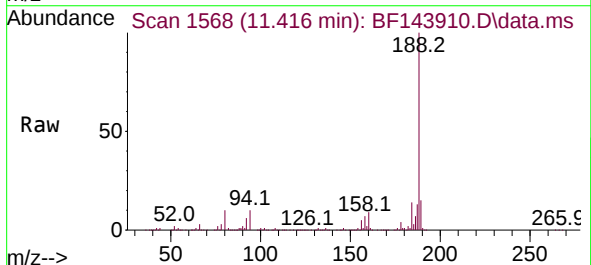
Tgt Ion: 77 Resp: 777129
Ion Ratio Lower Upper
77 100
182 25.9 7.3 47.3
105 22.6 3.0 43.0
51 32.8 13.5 53.5

Manual Integrations
APPROVED

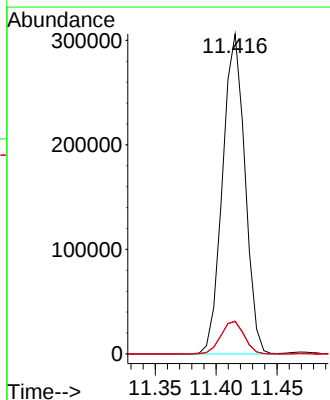
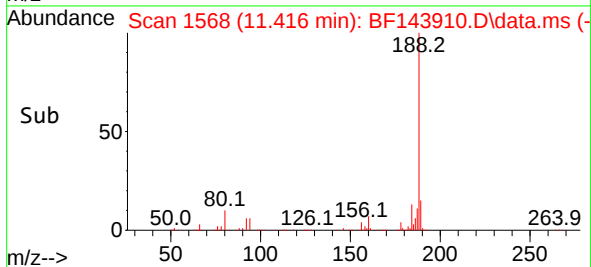
Reviewed By :Rahul Chavli 10/10/2025
Supervised By :Jagrut Upadhyay 10/10/2025

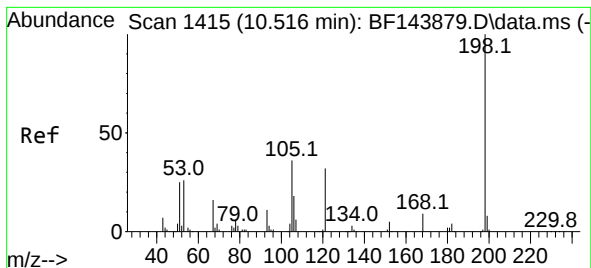


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47



Tgt Ion:188 Resp: 391565
Ion Ratio Lower Upper
188 100
94 10.1 7.8 11.6
80 10.3 7.9 11.9





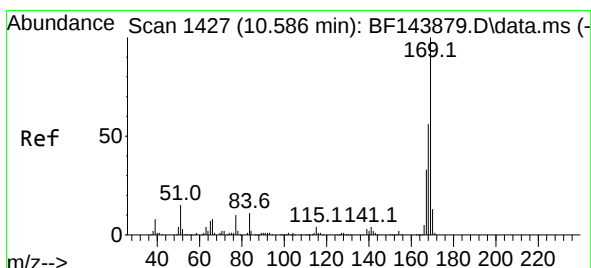
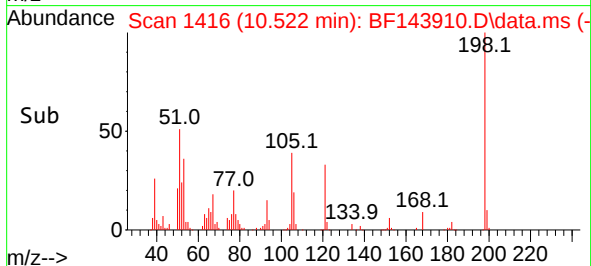
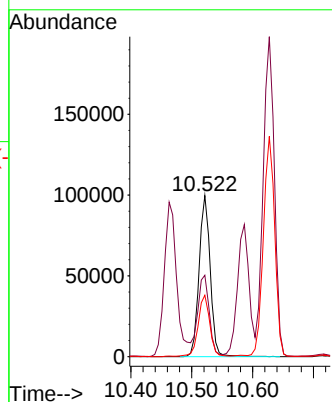
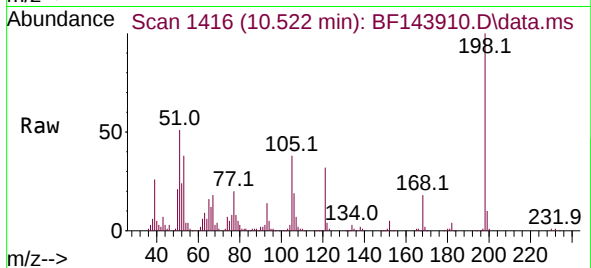
#65
4,6-Dinitro-2-methylphenol
Concen: 64.156 ng
RT: 10.522 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47

Instrument :
BNA_F
ClientSampleId :
PB170041BS

Tgt Ion:198 Resp: 126240
Ion Ratio Lower Upper
198 100
51 50.5 33.8 73.8
105 38.1 17.0 57.0

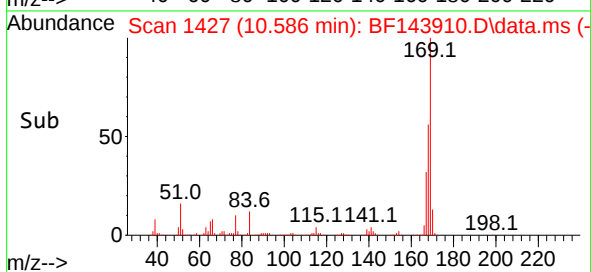
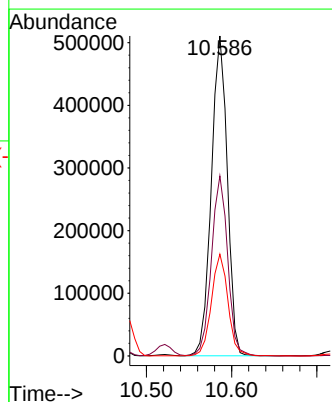
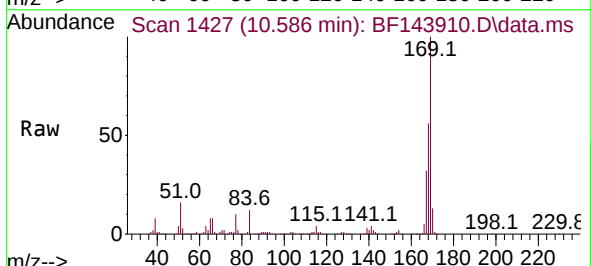
Manual Integrations
APPROVED

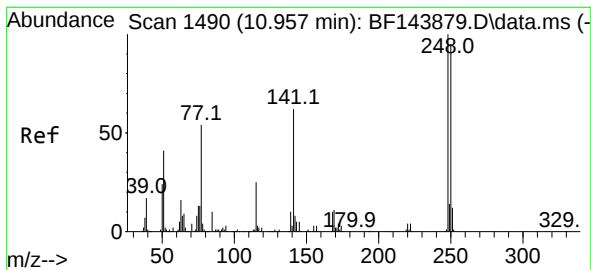
Reviewed By :Rahul Chavli 10/10/2025
Supervised By :Jagrut Upadhyay 10/10/2025



#66
n-Nitrosodiphenylamine
Concen: 54.012 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47

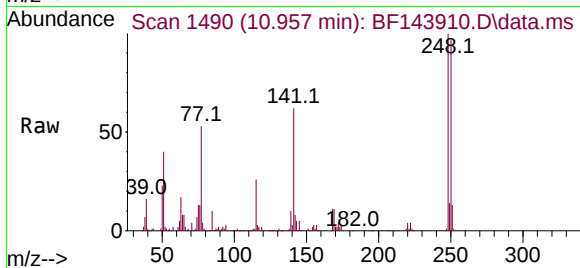
Tgt Ion:169 Resp: 664065
Ion Ratio Lower Upper
169 100
168 56.2 44.9 67.3
167 31.8 26.3 39.5





#67
4-Bromophenyl-phenylether
Concen: 53.174 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47

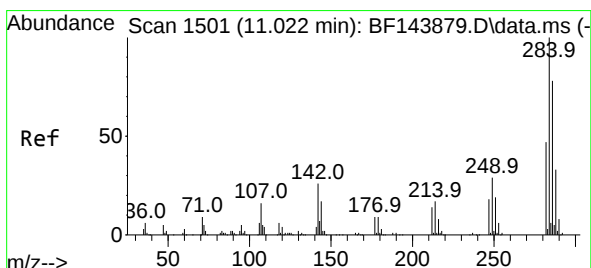
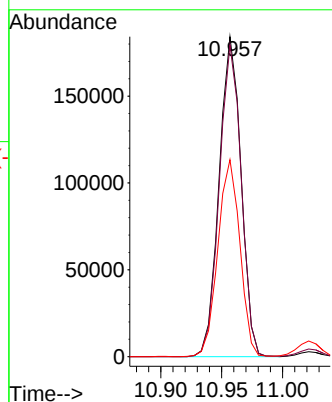
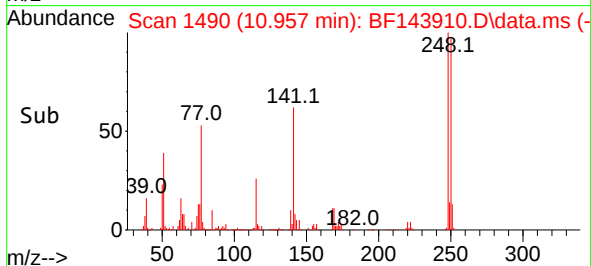
Instrument :
BNA_F
ClientSampleId :
PB170041BS



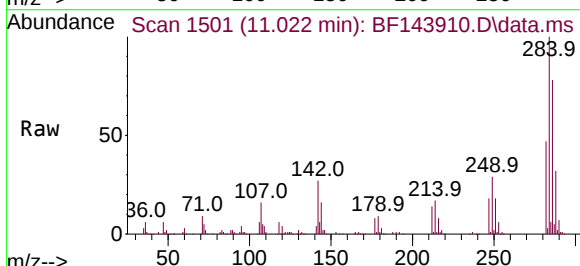
Tgt Ion:248 Resp: 230107
Ion Ratio Lower Upper
248 100
250 97.4 76.3 114.5
141 61.5 49.7 74.5

Manual Integrations
APPROVED

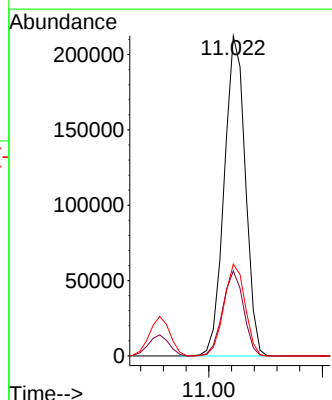
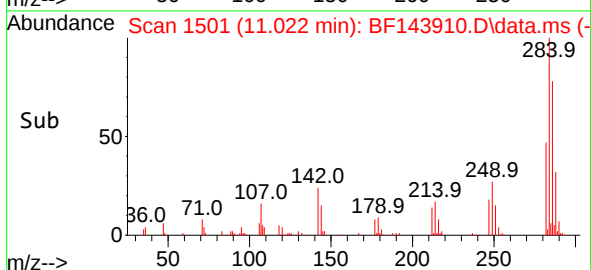
Reviewed By :Rahul Chavli 10/10/2025
Supervised By :Jagrut Upadhyay 10/10/2025

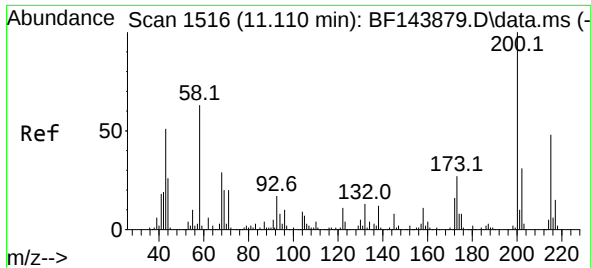


#68
Hexachlorobenzene
Concen: 54.546 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47



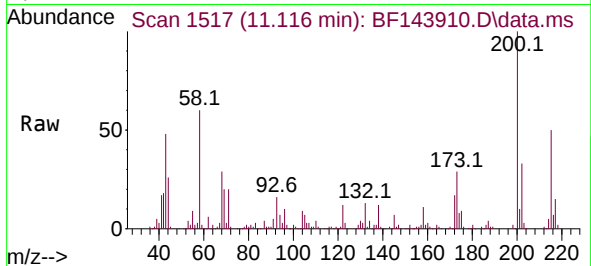
Tgt Ion:284 Resp: 273270
Ion Ratio Lower Upper
284 100
142 26.6 20.6 30.8
249 28.7 23.2 34.8





#69
Atrazine
Concen: 57.270 ng
RT: 11.116 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47

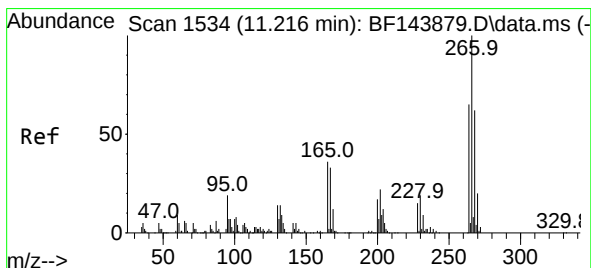
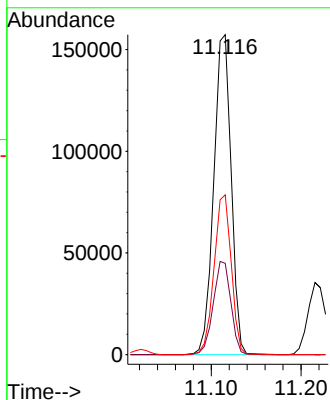
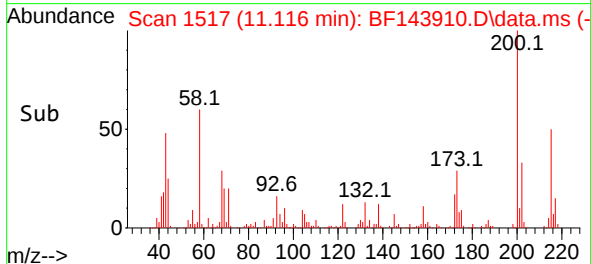
Instrument :
BNA_F
ClientSampleId :
PB170041BS



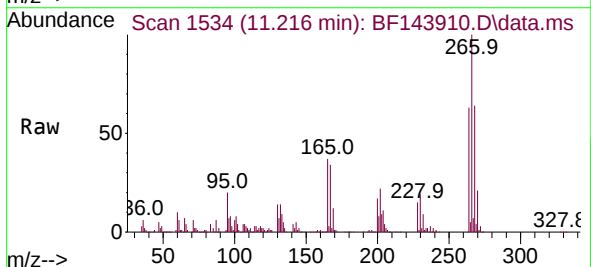
Tgt Ion:200 Resp: 213415
Ion Ratio Lower Upper
200 100
173 28.5 7.0 47.0
215 49.9 27.8 67.8

Manual Integrations
APPROVED

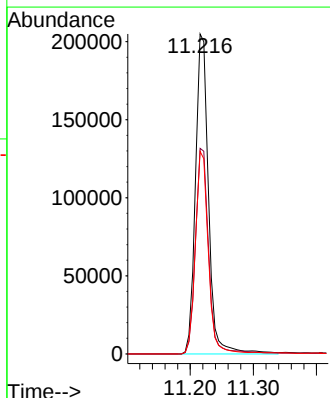
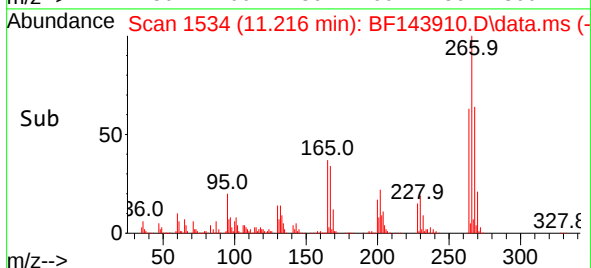
Reviewed By :Rahul Chavli 10/10/2025
Supervised By :Jagrut Upadhyay 10/10/2025

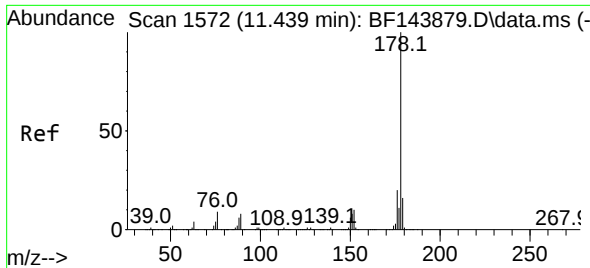


#70
Pentachlorophenol
Concen: 102.658 ng
RT: 11.216 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47



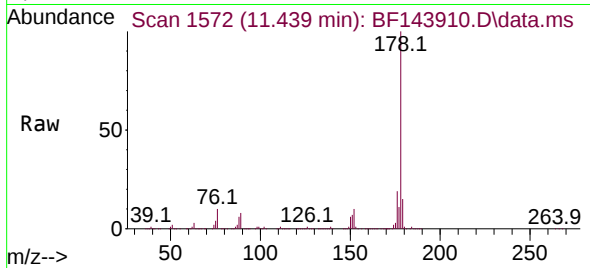
Tgt Ion:266 Resp: 295379
Ion Ratio Lower Upper
266 100
268 64.3 49.4 74.0
264 63.3 51.8 77.6





#71
Phenanthrene
Concen: 52.401 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47

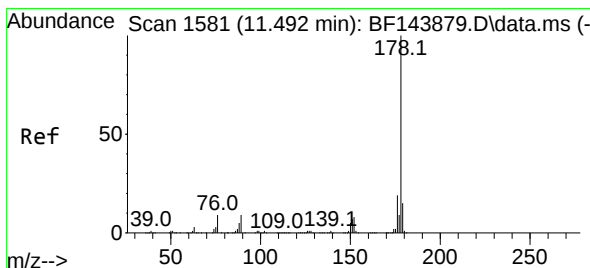
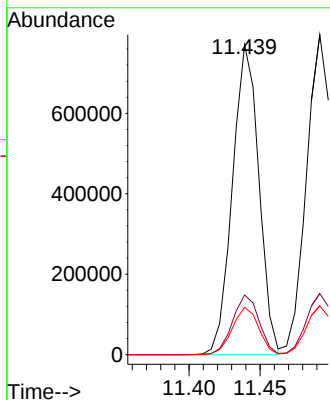
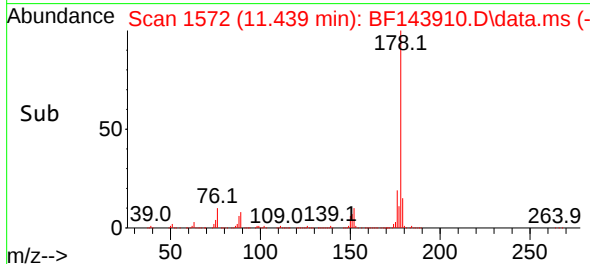
Instrument :
BNA_F
ClientSampleId :
PB170041BS



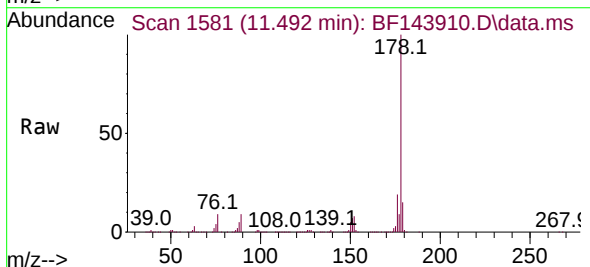
Tgt Ion:178 Resp: 994735
Ion Ratio Lower Upper
178 100
176 19.2 15.9 23.9
179 15.2 12.4 18.6

Manual Integrations
APPROVED

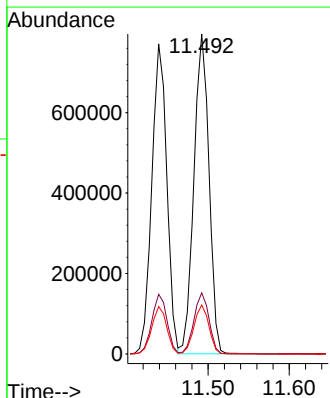
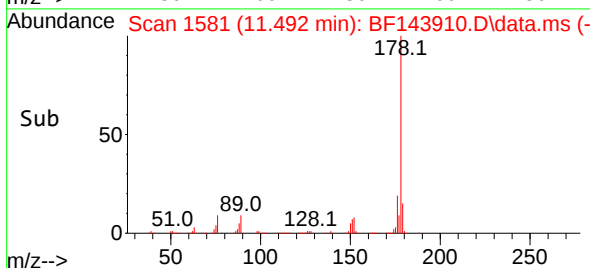
Reviewed By :Rahul Chavli 10/10/2025
Supervised By :Jagrut Upadhyay 10/10/2025

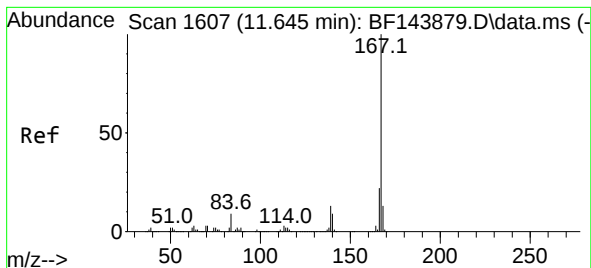


#72
Anthracene
Concen: 53.422 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47



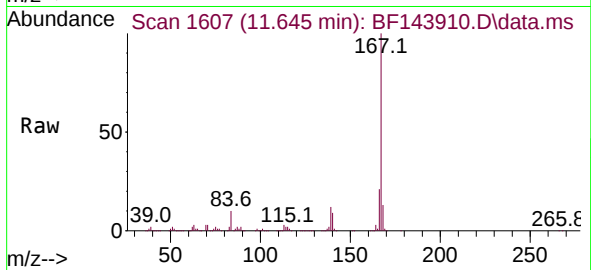
Tgt Ion:178 Resp: 1024495
Ion Ratio Lower Upper
178 100
176 19.1 14.9 22.3
179 15.3 12.2 18.2





#73
 Carbazole
 Concen: 54.749 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF143910.D
 Acq: 09 Oct 2025 15:47

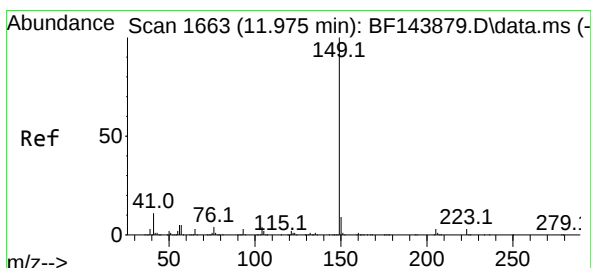
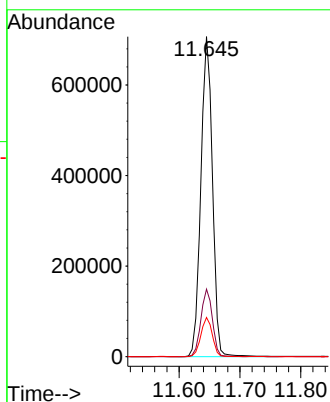
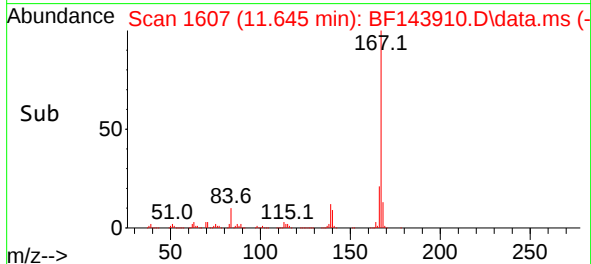
Instrument :
 BNA_F
 ClientSampleId :
 PB170041BS



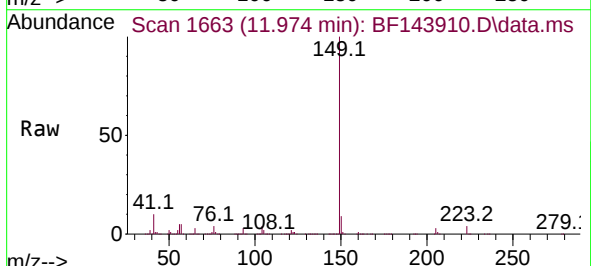
Tgt Ion:167 Resp: 929894
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.2 25.8
 139 12.2 10.1 15.1

Manual Integrations
 APPROVED

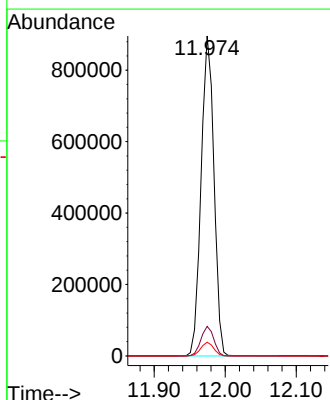
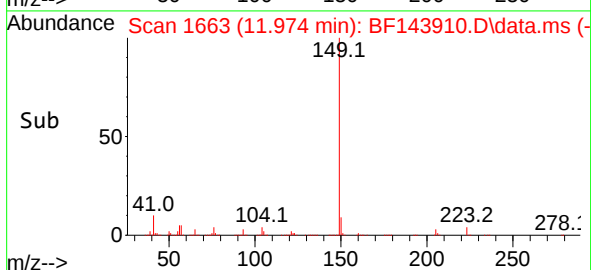
Reviewed By :Rahul Chavli 10/10/2025
 Supervised By :Jagrut Upadhyay 10/10/2025

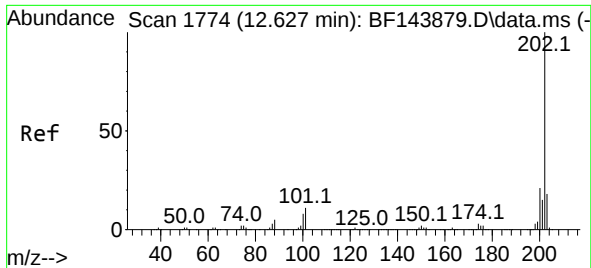


#74
 Di-n-butylphthalate
 Concen: 56.905 ng
 RT: 11.974 min Scan# 1663
 Delta R.T. -0.006 min
 Lab File: BF143910.D
 Acq: 09 Oct 2025 15:47



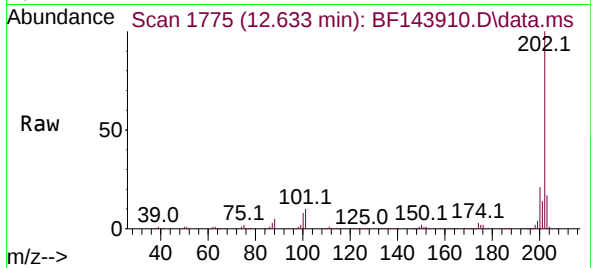
Tgt Ion:149 Resp: 1120182
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.3 3.4 5.2





#75
Fluoranthene
Concen: 55.325 ng
RT: 12.633 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47

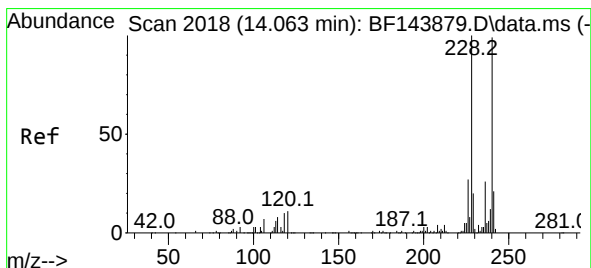
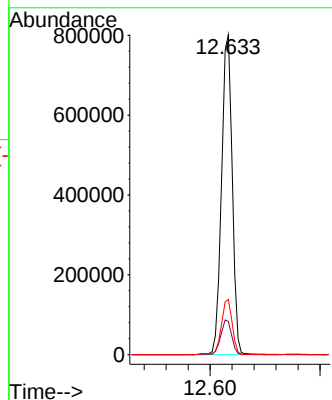
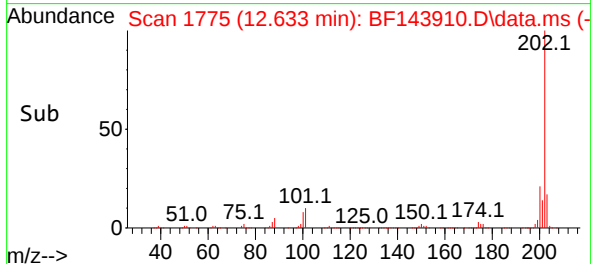
Instrument :
BNA_F
ClientSampleId :
PB170041BS



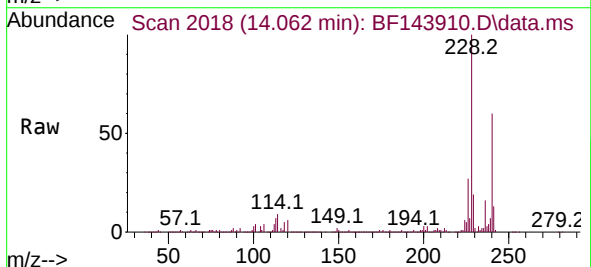
Tgt Ion:202 Resp: 1084819
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.7
203 17.2 0.0 37.8

Manual Integrations
APPROVED

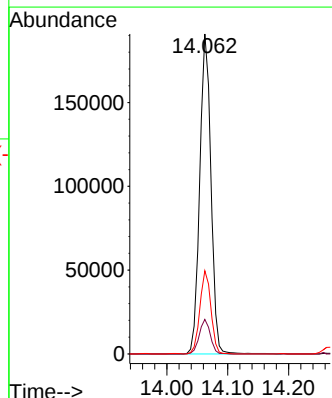
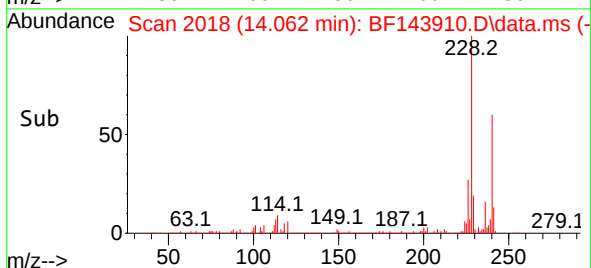
Reviewed By :Rahul Chavli 10/10/2025
Supervised By :Jagrut Upadhyay 10/10/2025

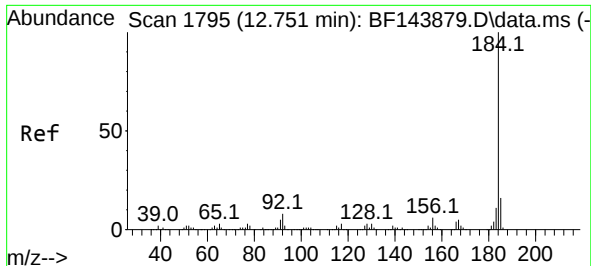


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47



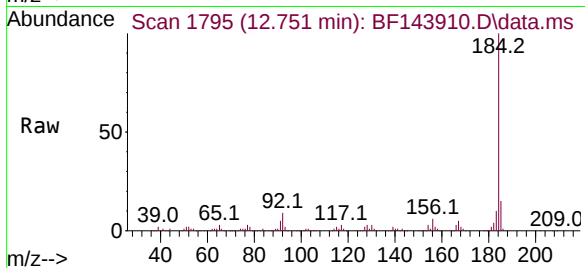
Tgt Ion:240 Resp: 243371
Ion Ratio Lower Upper
240 100
120 10.8 8.6 13.0
236 26.0 21.1 31.7





#77
Benzidine
Concen: 40.877 ng
RT: 12.751 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47

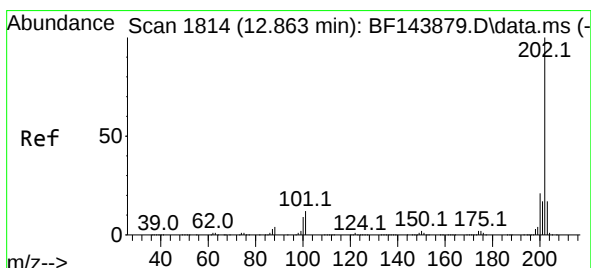
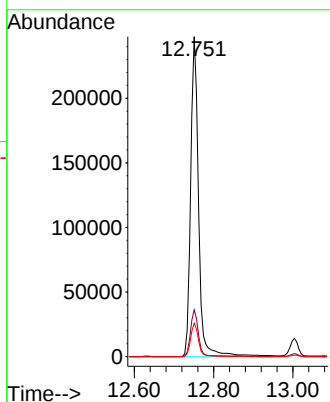
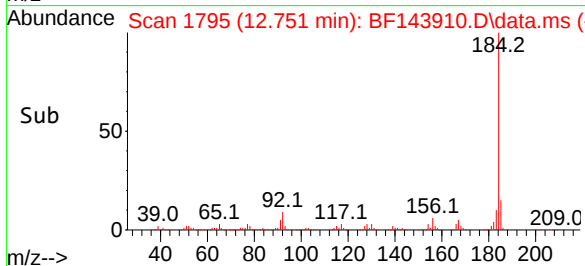
Instrument :
BNA_F
ClientSampleId :
PB170041BS



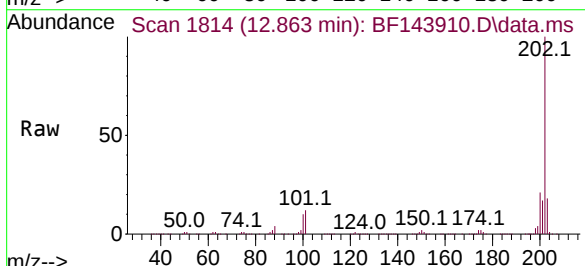
Tgt Ion:184 Resp: 345427
Ion Ratio Lower Upper
184 100
185 14.6 12.6 18.8
183 10.4 8.8 13.2

Manual Integrations
APPROVED

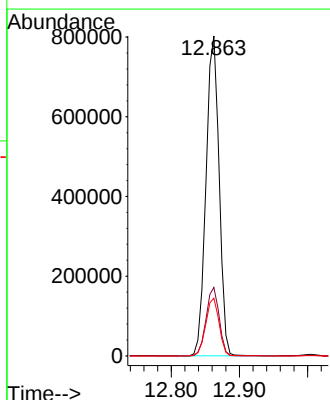
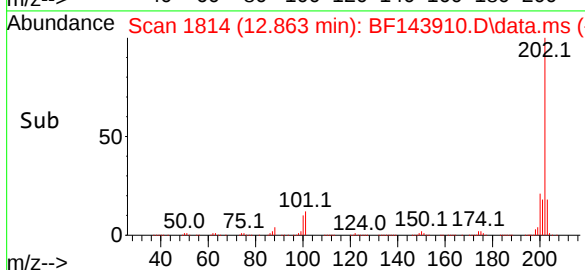
Reviewed By :Rahul Chavli 10/10/2025
Supervised By :Jagrut Upadhyay 10/10/2025

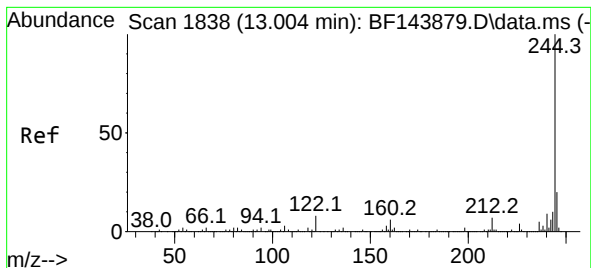


#78
Pyrene
Concen: 52.920 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47



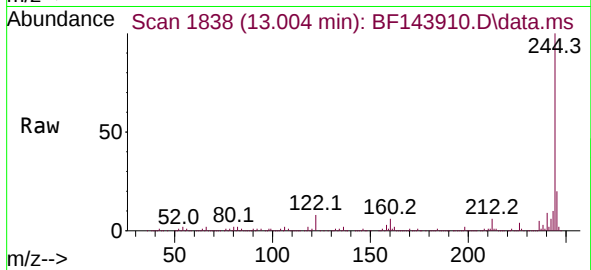
Tgt Ion:202 Resp: 1073722
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.6
203 18.0 13.8 20.6





#79
 Terphenyl-d14
 Concen: 116.214 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF143910.D
 Acq: 09 Oct 2025 15:47

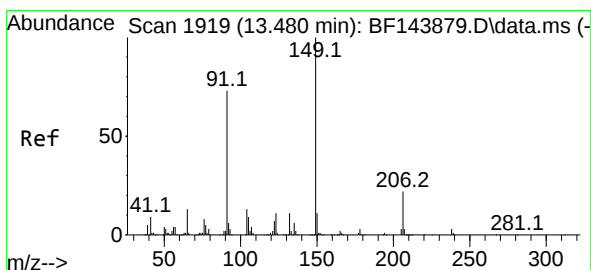
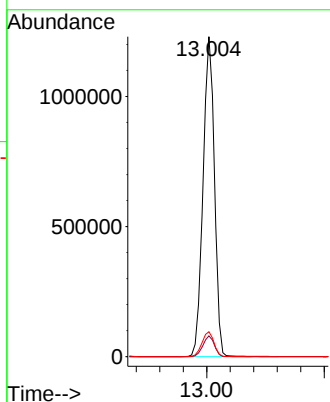
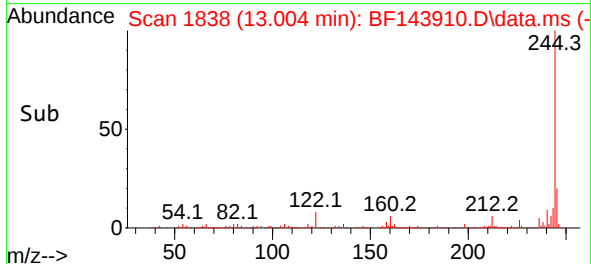
Instrument :
 BNA_F
 ClientSampleId :
 PB170041BS



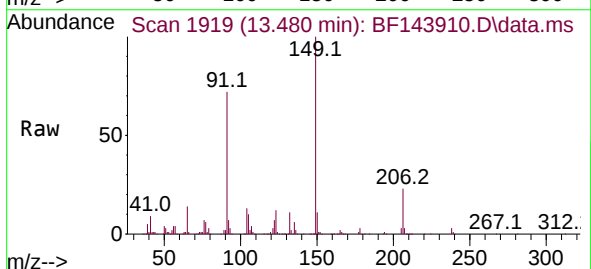
Tgt Ion:244 Resp: 1654882
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 7.8 6.4 9.6

Manual Integrations
 APPROVED

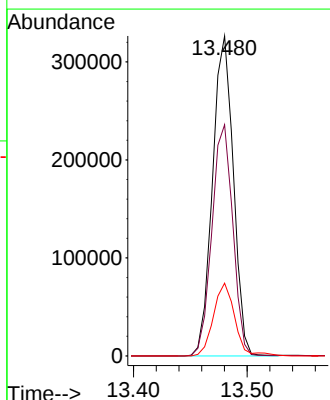
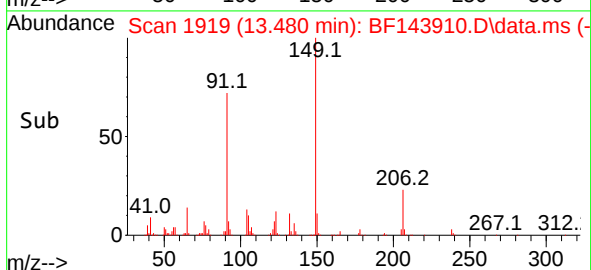
Reviewed By :Rahul Chavli 10/10/2025
 Supervised By :Jagrut Upadhyay 10/10/2025

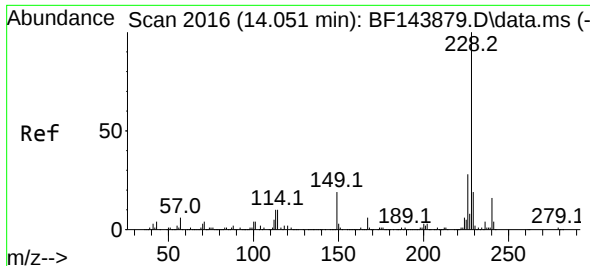


#80
 Butylbenzylphthalate
 Concen: 63.111 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: BF143910.D
 Acq: 09 Oct 2025 15:47



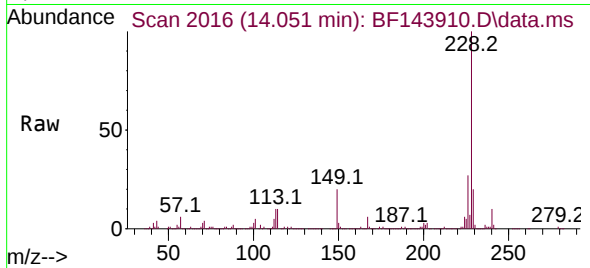
Tgt Ion:149 Resp: 415861
 Ion Ratio Lower Upper
 149 100
 91 72.2 58.2 87.2
 206 22.7 17.9 26.9





#81
Benzo(a)anthracene
Concen: 54.781 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47

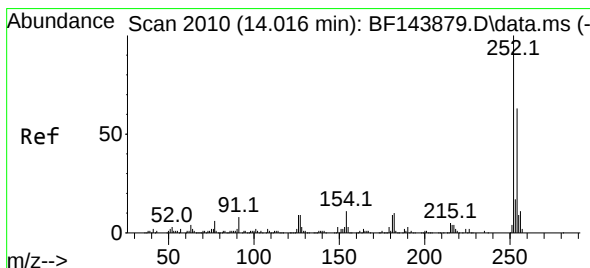
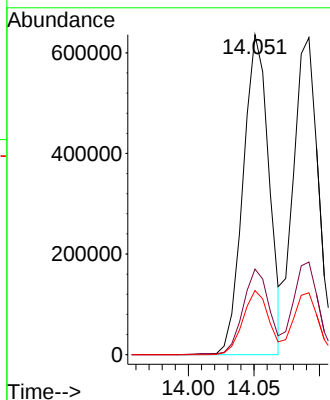
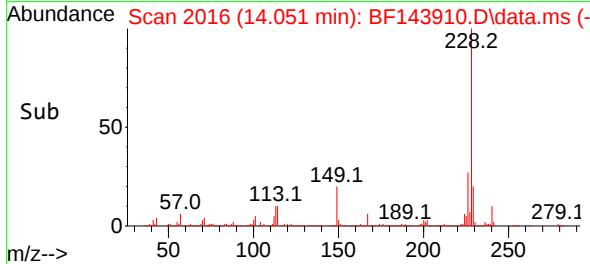
Instrument :
BNA_F
ClientSampleId :
PB170041BS



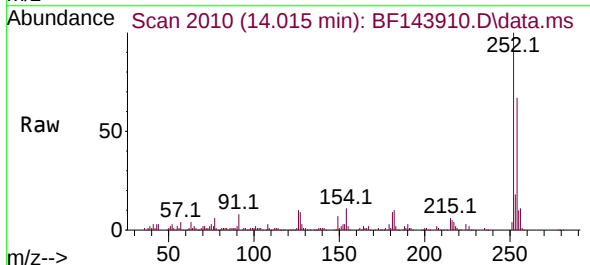
Tgt Ion:228 Resp: 872463
Ion Ratio Lower Upper
228 100
226 26.7 22.2 33.2
229 20.0 15.6 23.4

Manual Integrations
APPROVED

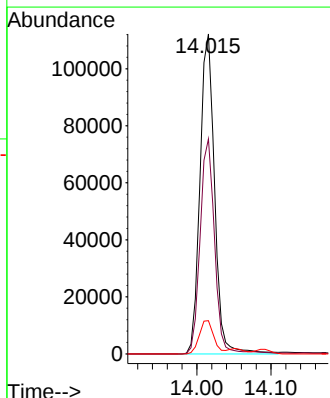
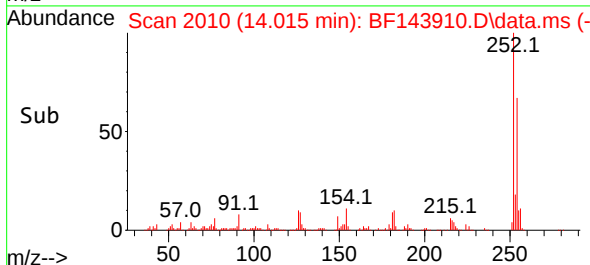
Reviewed By :Rahul Chavli 10/10/2025
Supervised By :Jagrut Upadhyay 10/10/2025

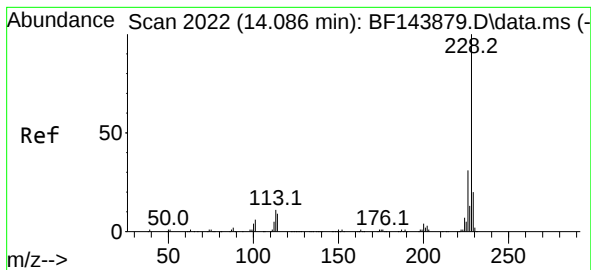


#82
3,3'-Dichlorobenzidine
Concen: 31.636 ng
RT: 14.015 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47



Tgt Ion:252 Resp: 153544
Ion Ratio Lower Upper
252 100
254 67.2 50.6 76.0
126 10.4 7.0 10.6





#83

Chrysene

Concen: 56.297 ng

RT: 14.092 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BF143910.D

Acq: 09 Oct 2025 15:47

Instrument :

BNA_F

ClientSampleId :

PB170041BS

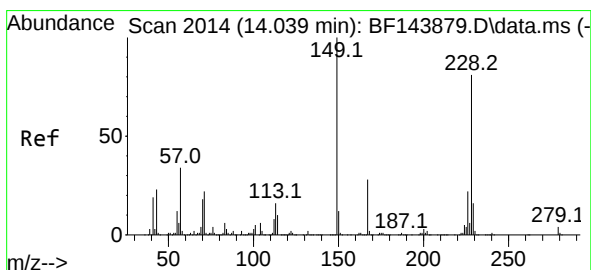
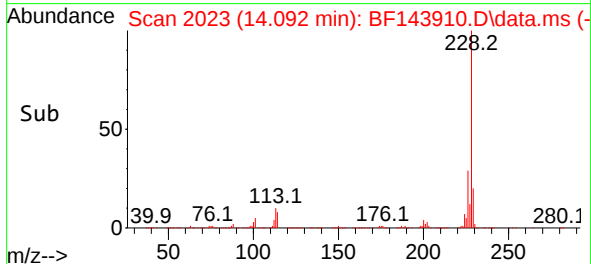
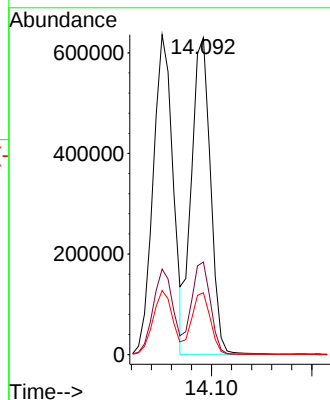
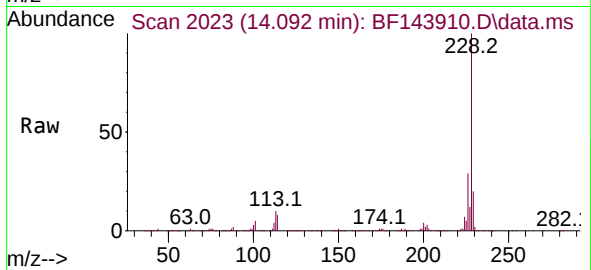
Tgt Ion:228	Resp: 829822
Ion Ratio	Lower Upper
228 100	
226 29.2	24.4 36.6
229 19.5	15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/10/2025

Supervised By :Jagrut Upadhyay 10/10/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 62.951 ng

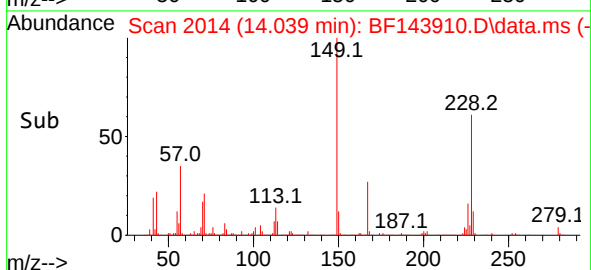
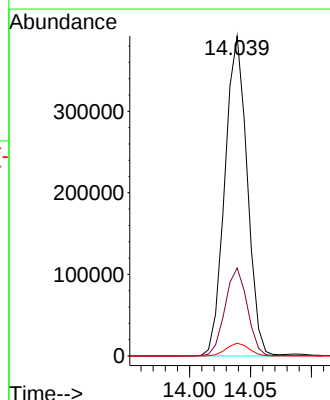
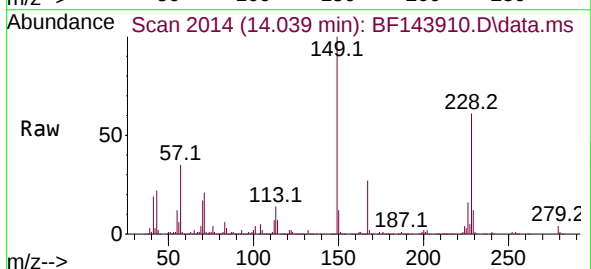
RT: 14.039 min Scan# 2014

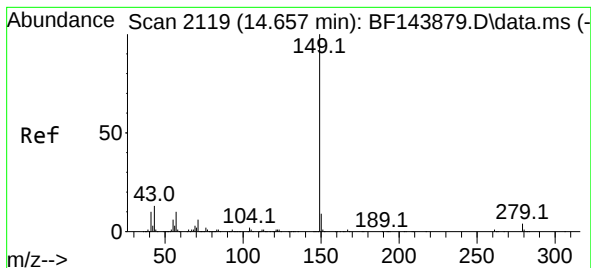
Delta R.T. 0.000 min

Lab File: BF143910.D

Acq: 09 Oct 2025 15:47

Tgt Ion:149	Resp: 500031
Ion Ratio	Lower Upper
149 100	
167 27.5	22.2 33.4
279 4.0	3.1 4.7





#85

Di-n-octyl phthalate

Concen: 60.963 ng

RT: 14.657 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BF143910.D

Acq: 09 Oct 2025 15:47

Instrument :

BNA_F

ClientSampleId :

PB170041BS

Tgt Ion:149 Resp: 795329

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

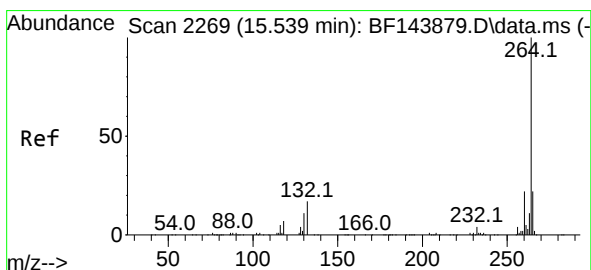
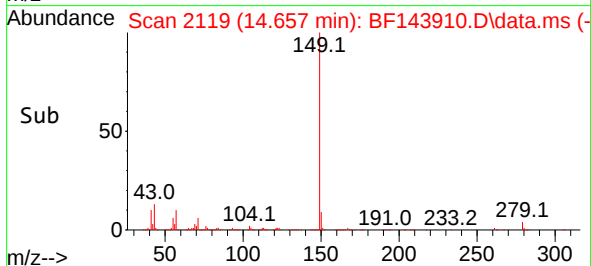
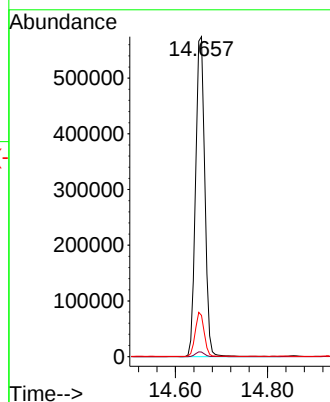
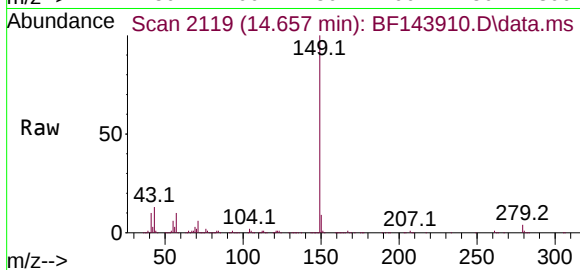
43 13.2 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/10/2025

Supervised By :Jagrut Upadhyay 10/10/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2269

Delta R.T. -0.006 min

Lab File: BF143910.D

Acq: 09 Oct 2025 15:47

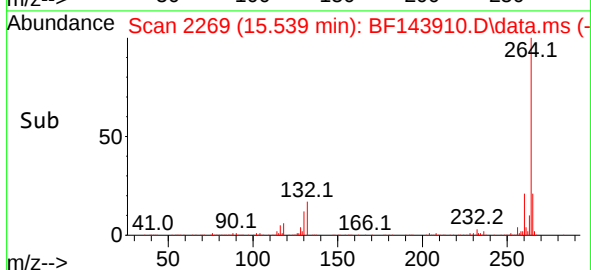
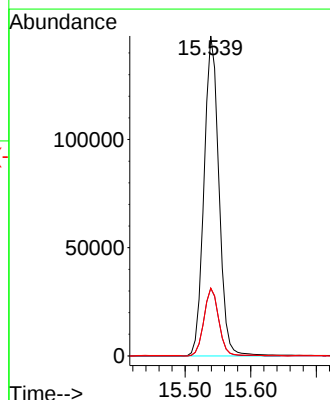
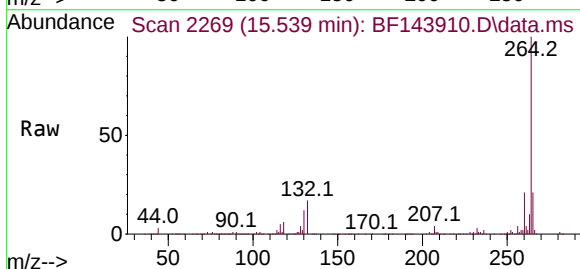
Tgt Ion:264 Resp: 232424

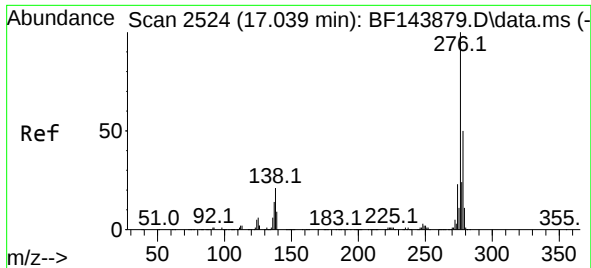
Ion Ratio Lower Upper

264 100

260 21.1 17.8 26.8

265 21.2 17.5 26.3





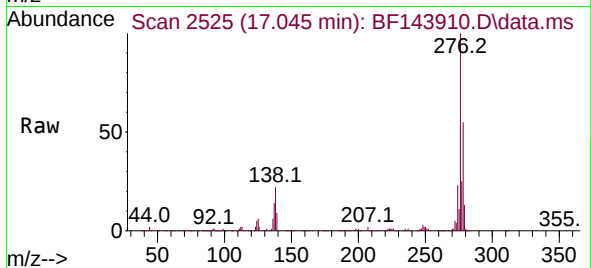
#87
Indeno(1,2,3-cd)pyrene
Concen: 58.715 ng
RT: 17.045 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47

Instrument :

BNA_F

ClientSampleId :

PB170041BS

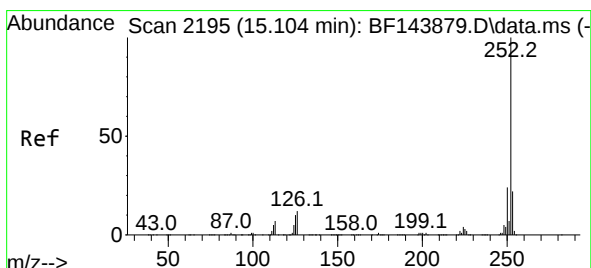
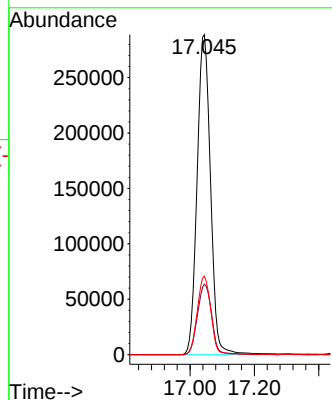
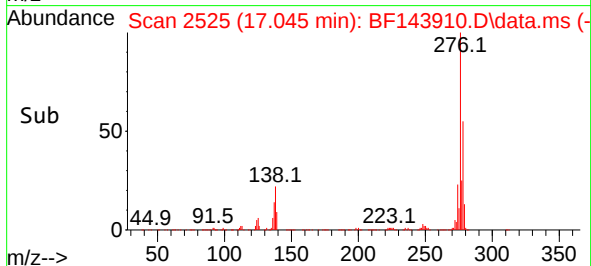


Tgt Ion:276 Resp: 836195
Ion Ratio Lower Upper
276 100
138 23.4 18.2 27.2
277 24.5 19.8 29.6

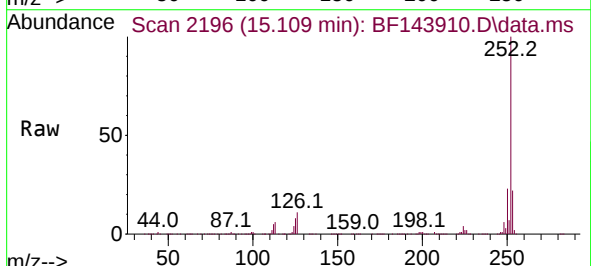
Manual Integrations

APPROVED

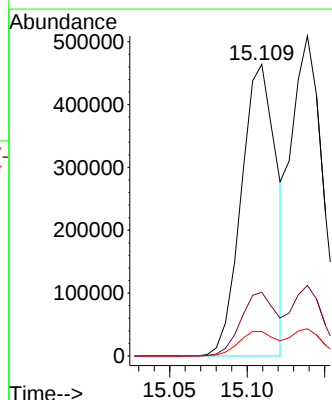
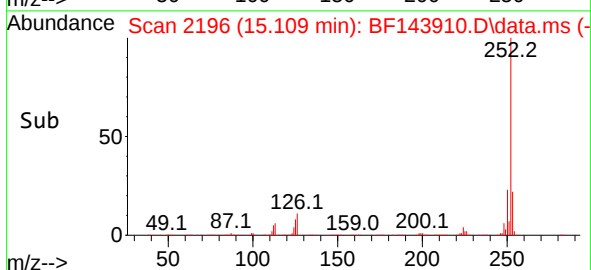
Reviewed By :Rahul Chavli 10/10/2025
Supervised By :Jagrut Upadhyay 10/10/2025

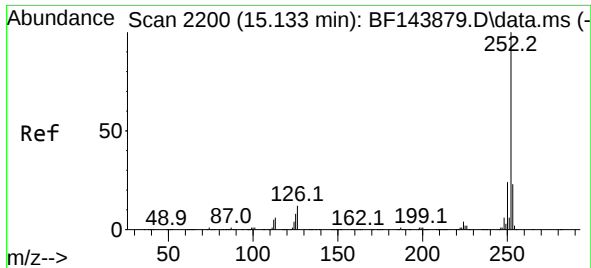


#88
Benzo(b)fluoranthene
Concen: 54.574 ng
RT: 15.109 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF143910.D
Acq: 09 Oct 2025 15:47



Tgt Ion:252 Resp: 728625
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 8.4 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 57.831 ng

RT: 15.139 min Scan# 2200

Delta R.T. -0.006 min

Lab File: BF143910.D

Acq: 09 Oct 2025 15:47

Instrument :

BNA_F

ClientSampleId :

PB170041BS

Tgt Ion:252 Resp: 714448

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

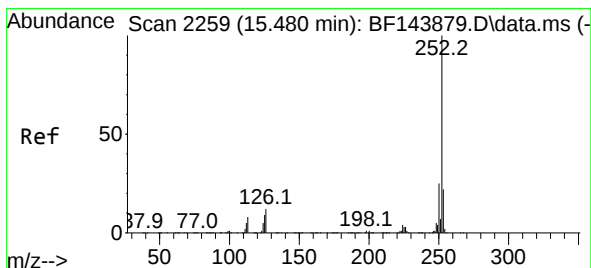
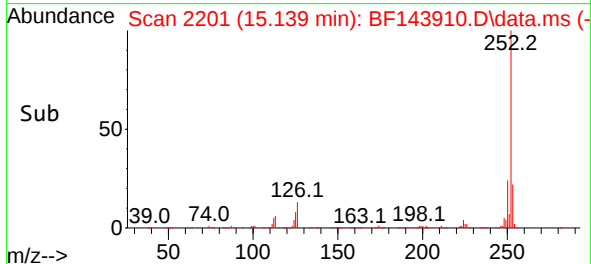
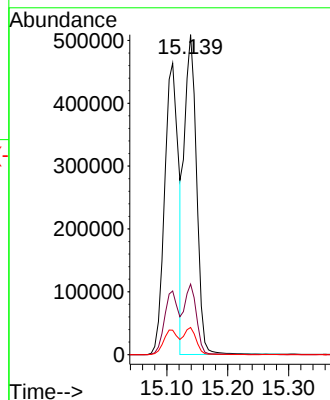
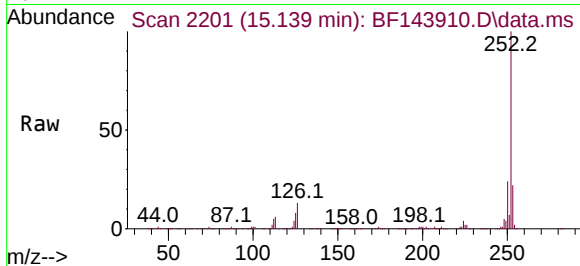
125 8.5 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/10/2025

Supervised By :Jagrut Upadhyay 10/10/2025



#90

Benzo(a)pyrene

Concen: 59.455 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF143910.D

Acq: 09 Oct 2025 15:47

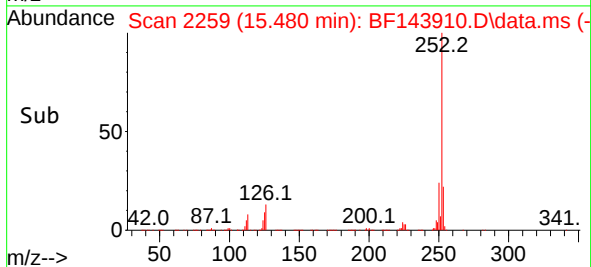
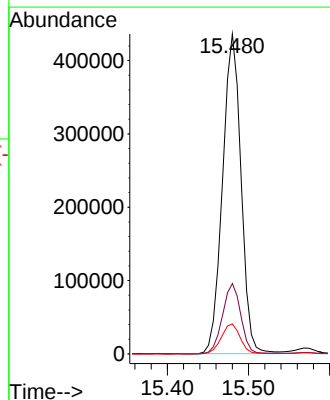
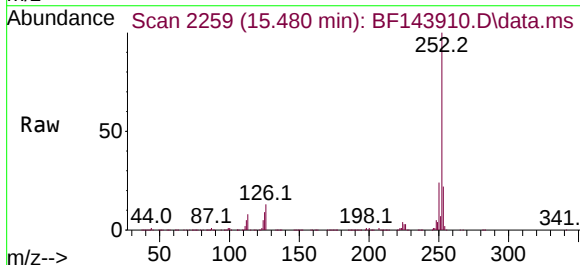
Tgt Ion:252 Resp: 688298

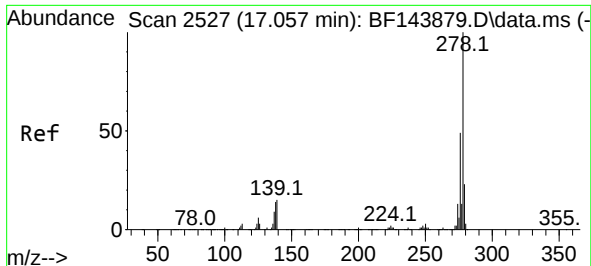
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 9.4 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 58.836 ng

RT: 17.062 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF143910.D

Acq: 09 Oct 2025 15:47

Instrument :

BNA_F

ClientSampleId :

PB170041BS

Tgt Ion:278 Resp: 673912

Ion Ratio Lower Upper

278 100

139 14.2 11.7 17.5

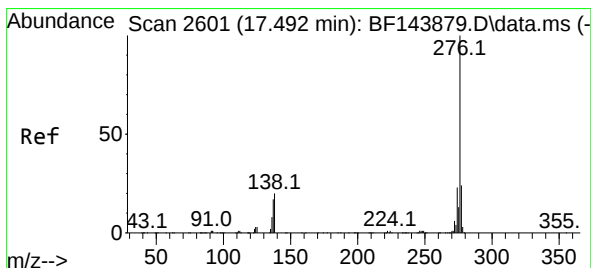
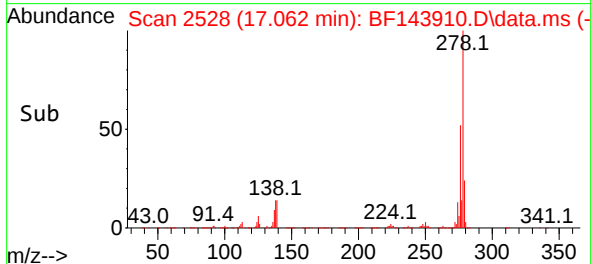
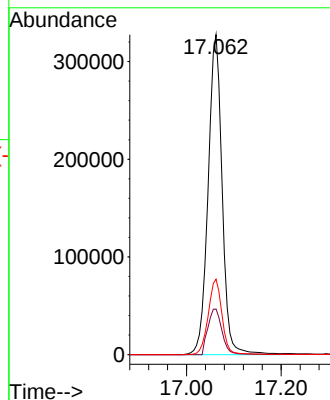
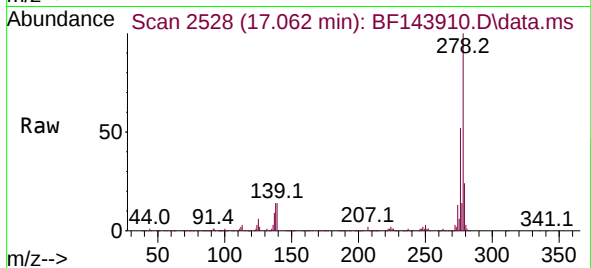
279 23.6 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/10/2025

Supervised By :Jagrut Upadhyay 10/10/2025



#92

Benzo(g,h,i)perylene

Concen: 59.709 ng

RT: 17.498 min Scan# 2602

Delta R.T. -0.018 min

Lab File: BF143910.D

Acq: 09 Oct 2025 15:47

Tgt Ion:276 Resp: 683915

Ion Ratio Lower Upper

276 100

277 23.1 19.0 28.6

138 21.0 16.1 24.1

