

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093025\
 Data File : BF143843.D
 Acq On : 30 Sep 2025 20:03
 Operator : RC/JU
 Sample : Q3231-04MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/01/2025
 Supervised By :Jagrut Upadhyay 10/01/2025

Quant Time: Oct 01 02:35:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	129128	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	500064	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	262323	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	428464	20.000	ng	0.00
76) Chrysene-d12	14.057	240	349721	20.000	ng	0.00
86) Perylene-d12	15.533	264	541802	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1127666	141.884	ng	0.02
7) Phenol-d6	6.510	99	1333609	145.223	ng	0.00
23) Nitrobenzene-d5	7.451	82	870578	106.565	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	606667	156.192	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1730105	102.920	ng	0.00
79) Terphenyl-d14	12.998	244	2276373	132.379	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.828	88	159831	42.015	ng	# 82
3) Pyridine	3.540	79	415691	40.482	ng	89
4) n-Nitrosodimethylamine	3.481	42	223182	43.345	ng	# 78
6) Aniline	6.551	93	387774	29.094	ng	99
8) 2-Chlorophenol	6.669	128	421774	51.837	ng	99
9) Benzaldehyde	6.440	77	138220	17.188	ng	96
10) Phenol	6.528	94	531677	49.810	ng	99
11) bis(2-Chloroethyl)ether	6.622	93	419573	50.145	ng	98
12) 1,3-Dichlorobenzene	6.828	146	432297	45.761	ng	99
13) 1,4-Dichlorobenzene	6.904	146	435318	46.174	ng	99
14) 1,2-Dichlorobenzene	7.057	146	423001	47.374	ng	99
15) Benzyl Alcohol	7.028	79	385430	58.087	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	823543	41.508	ng	95
17) 2-Methylphenol	7.134	107	351954	55.873	ng	98
18) Hexachloroethane	7.398	117	146338	44.137	ng	96
19) n-Nitroso-di-n-propyla...	7.298	70	308003	52.157	ng	90
20) 3+4-Methylphenols	7.287	107	410787	53.549	ng	# 86
22) Acetophenone	7.292	105	597792	54.428	ng	98
24) Nitrobenzene	7.469	77	453010	50.028	ng	96
25) Isophorone	7.704	82	847459	53.234	ng	99
26) 2-Nitrophenol	7.781	139	219516	58.423	ng	95
27) 2,4-Dimethylphenol	7.816	122	410071	57.631	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	523092	50.575	ng	99
29) 2,4-Dichlorophenol	8.022	162	377990	53.988	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	380292	52.339	ng	99
31) Naphthalene	8.192	128	1154552	48.229	ng	100
32) Benzoic acid	7.916	122	196107	57.123	ng	94
33) 4-Chloroaniline	8.234	127	217269	25.827	ng	98
34) Hexachlorobutadiene	8.304	225	273869	50.562	ng	99
35) Caprolactam	8.598	113	104954m	58.648	ng	
36) 4-Chloro-3-methylphenol	8.716	107	377069	57.424	ng	100
37) 2-Methylnaphthalene	8.881	142	720907	47.228	ng	100
38) 1-Methylnaphthalene	8.981	142	745492	51.024	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	444660	56.169	ng	99
41) Hexachlorocyclopentadiene	9.034	237	607539	121.091	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	284874	57.469	ng	99

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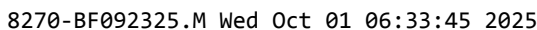
Reviewed By :Rahul Chavli 10/01/2025
 Supervised By :Jagrut Upadhyay 10/01/2025

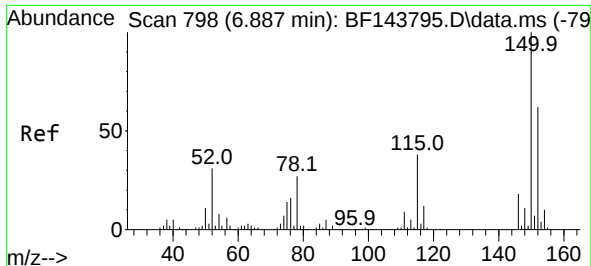
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	306093	59.035	ng	97
46) 1,1'-Biphenyl	9.345	154	1050767	55.336	ng	99
47) 2-Chloronaphthalene	9.369	162	763404	49.944	ng	99
48) 2-Nitroaniline	9.463	65	302426	65.464	ng	99
49) Acenaphthylene	9.786	152	1252000	59.500	ng	100
50) Dimethylphthalate	9.645	163	888138	55.548	ng	100
51) 2,6-Dinitrotoluene	9.704	165	193566	73.685	ng	95
52) Acenaphthene	9.957	154	752691	54.357	ng	100
53) 3-Nitroaniline	9.875	138	131753	41.378	ng	96
54) 2,4-Dinitrophenol	9.980	184	111005	90.863	ng	# 22
55) Dibenzofuran	10.133	168	1050987	53.674	ng	98
56) 4-Nitrophenol	10.028	139	288640	112.491	ng	95
57) 2,4-Dinitrotoluene	10.110	165	251375	63.468	ng	96
58) Fluorene	10.475	166	795662	54.659	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	305482	68.775	ng	94
60) Diethylphthalate	10.345	149	832153	55.600	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	413554	55.756	ng	93
62) 4-Nitroaniline	10.492	138	190437	63.607	ng	95
63) Azobenzene	10.628	77	837034	53.066	ng	96
65) 4,6-Dinitro-2-methylph...	10.516	198	95919	57.740	ng	85
66) n-Nitrosodiphenylamine	10.586	169	764142	54.230	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	439683	60.216	ng	96
68) Hexachlorobenzene	11.022	284	627865	62.396	ng	97
69) Atrazine	11.110	200	236567	57.976	ng	96
70) Pentachlorophenol	11.216	266	619597	123.699	ng	100
71) Phenanthrene	11.439	178	1153640	52.445	ng	100
72) Anthracene	11.492	178	1171401	53.089	ng	99
73) Carbazole	11.645	167	1013194	52.519	ng	99
74) Di-n-butylphthalate	11.974	149	1133956	51.108	ng	100
75) Fluoranthene	12.627	202	1133469	51.232	ng	99
77) Benzidine	12.751	184	182119	21.371	ng	99
78) Pyrene	12.857	202	1132536	65.869	ng	100
80) Butylbenzylphthalate	13.474	149	354277	59.557	ng	96
81) Benzo(a)anthracene	14.045	228	1031815	54.920	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	347675	42.716	ng	99
83) Chrysene	14.086	228	987140	58.066	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	416645	47.784	ng	99
85) Di-n-octyl phthalate	14.651	149	700255	44.274	ng	# 94
87) Indeno(1,2,3-cd)pyrene	17.033	276	2512746	61.124	ng	98
88) Benzo(b)fluoranthene	15.104	252	1530332	55.465	ng	99
89) Benzo(k)fluoranthene	15.133	252	1512884	54.577	ng	99
90) Benzo(a)pyrene	15.474	252	1531434	59.048	ng	99
91) Dibenzo(a,h)anthracene	17.057	278	2070670	61.585	ng	99
92) Benzo(g,h,i)perylene	17.492	276	2024075	62.449	ng	98

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

Manual Integrations APPROVED

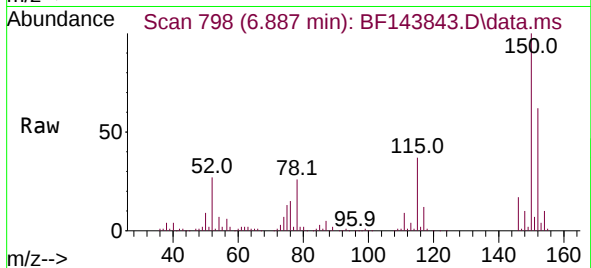
Quant Time: Oct 01 02:35:25 2025
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QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

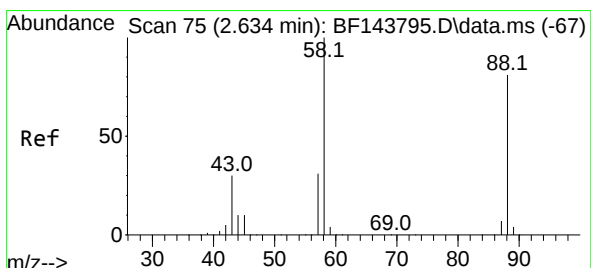
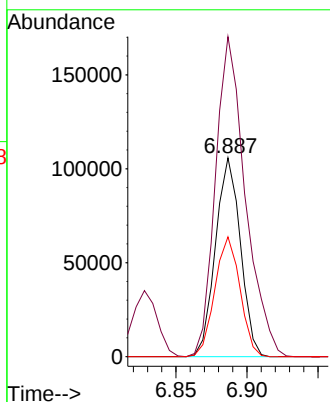
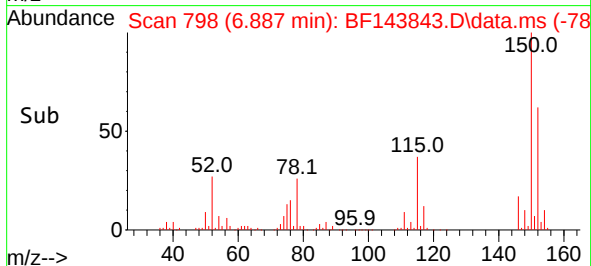
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



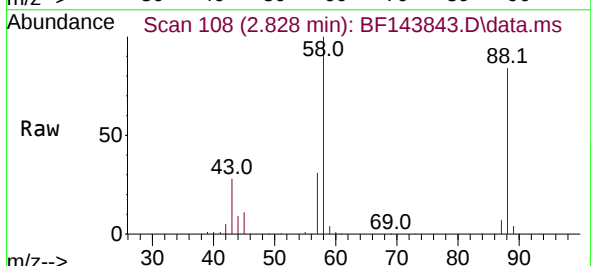
Tgt Ion:152 Resp: 129128
Ion Ratio Lower Upper
152 100
150 161.0 129.6 194.4
115 60.3 49.0 73.4

Manual Integrations
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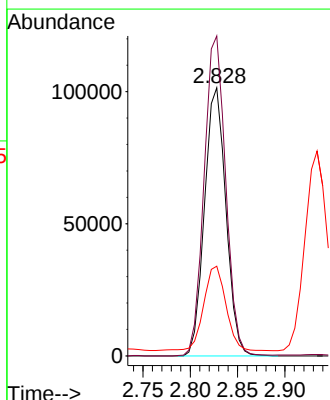
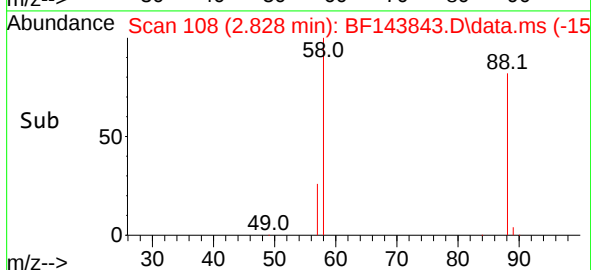
Reviewed By :Rahul Chavli 10/01/2025
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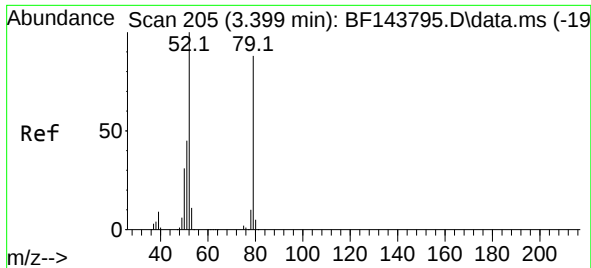


#2
1,4-Dioxane
Concen: 42.015 ng
RT: 2.828 min Scan# 108
Delta R.T. 0.194 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03



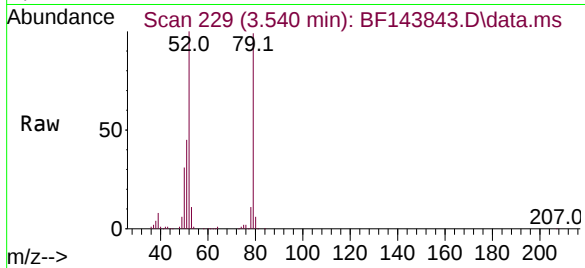
Tgt Ion: 88 Resp: 159831
Ion Ratio Lower Upper
88 100
58 120.3 99.4 149.2
43 0.0 30.6 45.8





#3
Pyridine
Concen: 40.482 ng
RT: 3.540 min Scan# 219
Delta R.T. 0.141 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

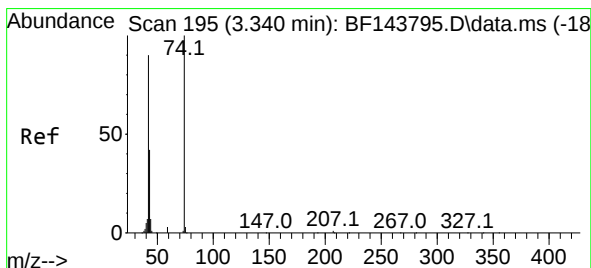
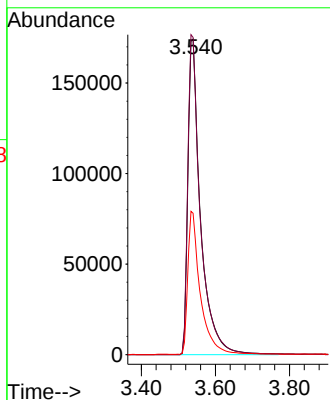
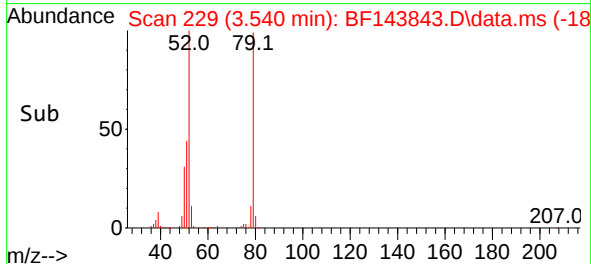
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



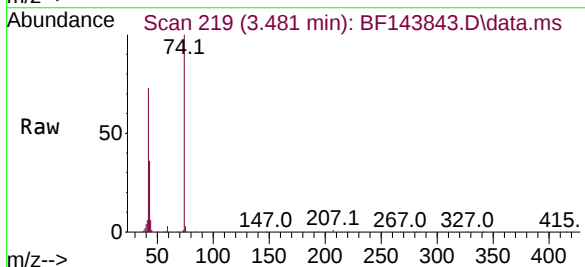
Tgt Ion: 79 Resp: 415691
Ion Ratio Lower Upper
79 100
52 100.6 90.5 135.7
51 44.8 40.6 61.0

Manual Integrations
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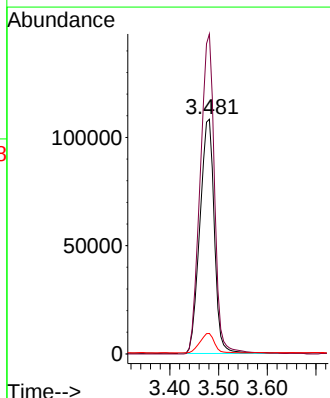
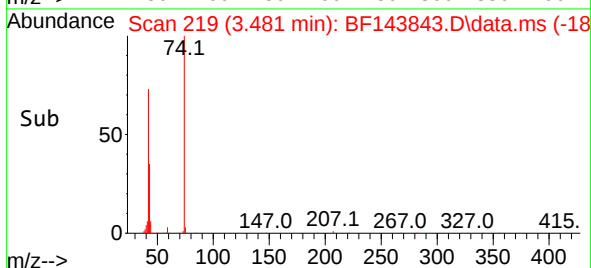
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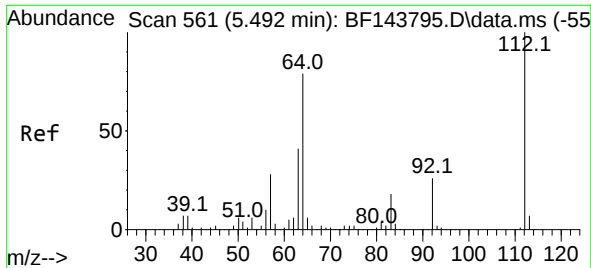


#4
n-Nitrosodimethylamine
Concen: 43.345 ng
RT: 3.481 min Scan# 219
Delta R.T. 0.124 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03



Tgt Ion: 42 Resp: 223182
Ion Ratio Lower Upper
42 100
74 136.4 89.1 133.7#
44 8.7 6.4 9.6





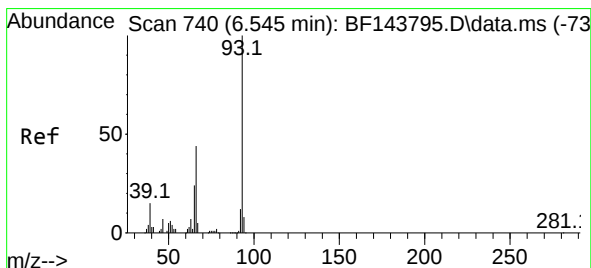
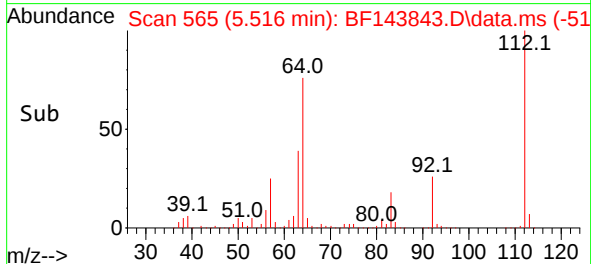
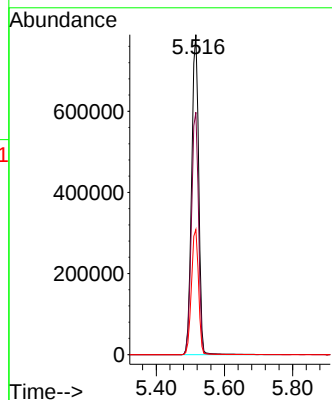
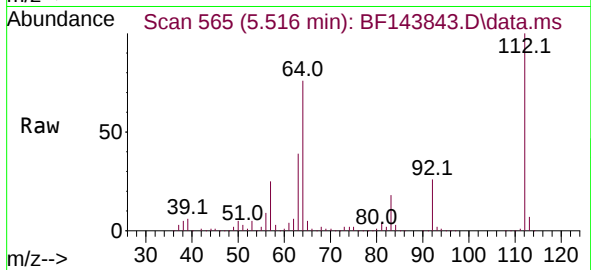
#5
2-Fluorophenol
Concen: 141.884 ng
RT: 5.516 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion: 112 Resp: 112766
Ion Ratio Lower Upper
112 100
64 75.8 63.0 94.4
63 39.1 32.6 49.0

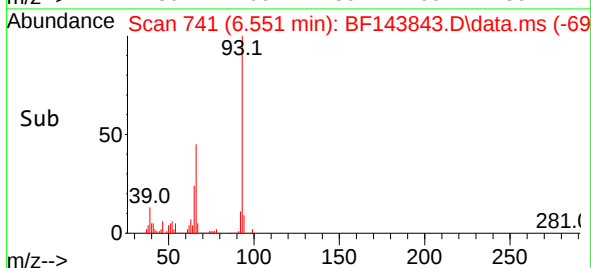
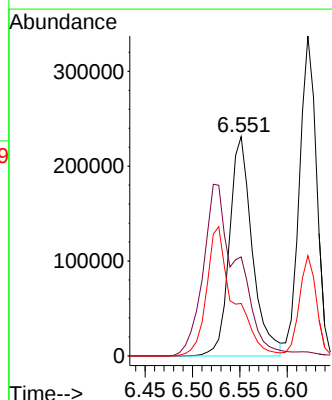
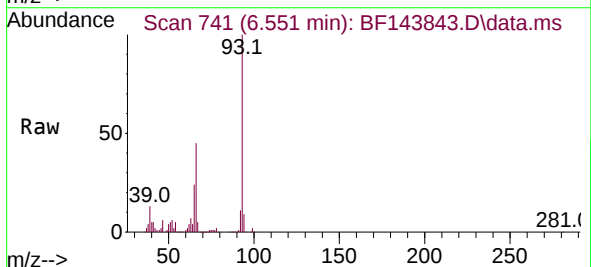
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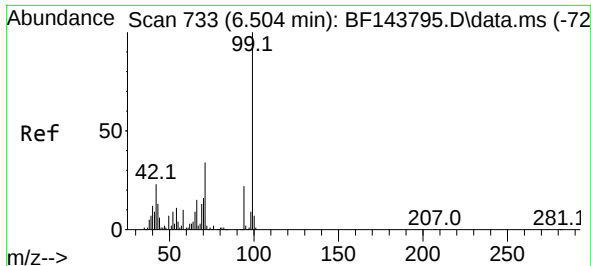
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025



#6
Aniline
Concen: 29.094 ng
RT: 6.551 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

Tgt Ion: 93 Resp: 387774
Ion Ratio Lower Upper
93 100
66 45.2 37.1 55.7
65 23.9 19.4 29.0





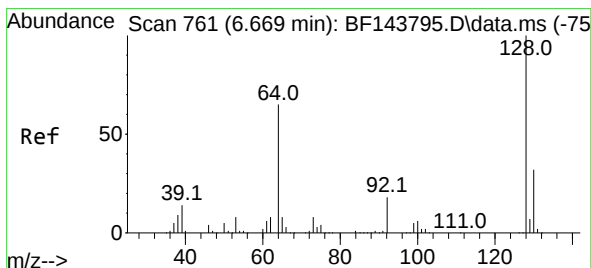
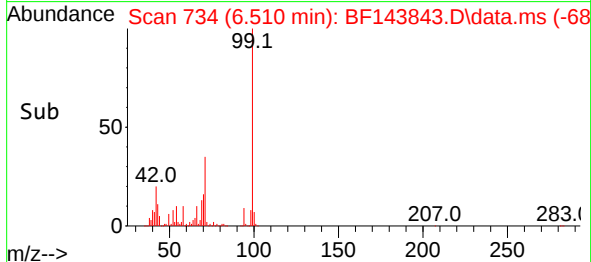
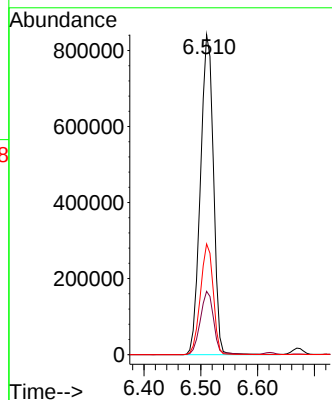
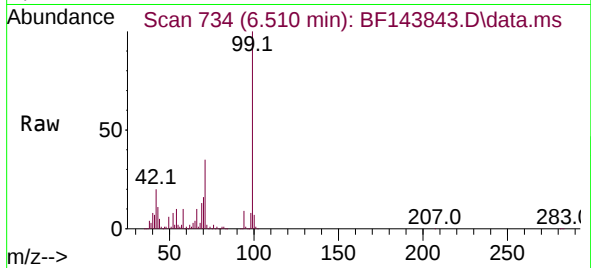
#7
Phenol-d6
Concen: 145.223 ng
RT: 6.510 min Scan# 733
Delta R.T. 0.000 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion: 99 Resp: 1333609
Ion Ratio Lower Upper
99 100
42 19.8 18.6 28.0
71 34.6 27.0 40.4

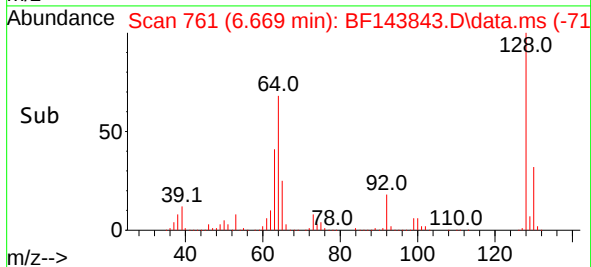
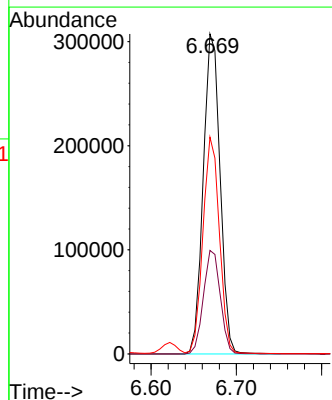
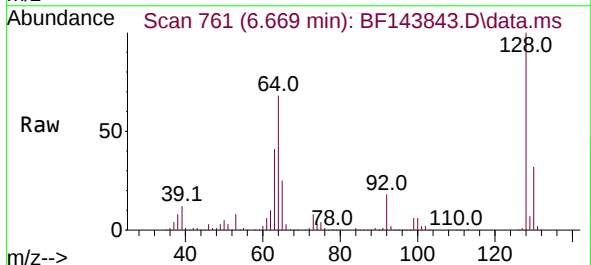
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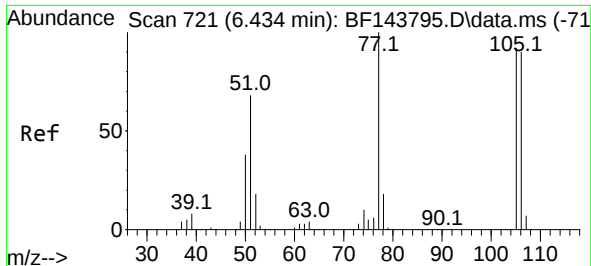
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025



#8
2-Chlorophenol
Concen: 51.837 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

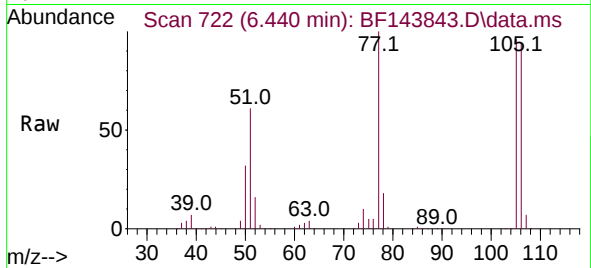
Tgt Ion:128 Resp: 421774
Ion Ratio Lower Upper
128 100
130 32.3 12.2 52.2
64 67.7 46.5 86.5





#9
Benzaldehyde
Concen: 17.188 ng
RT: 6.440 min Scan# 721
Delta R.T. 0.000 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

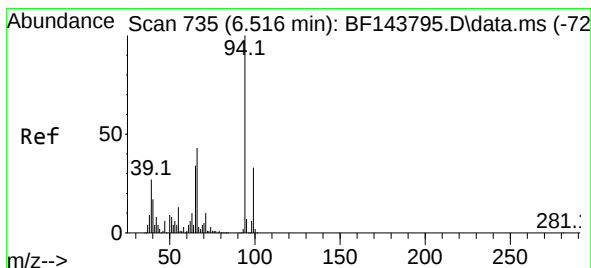
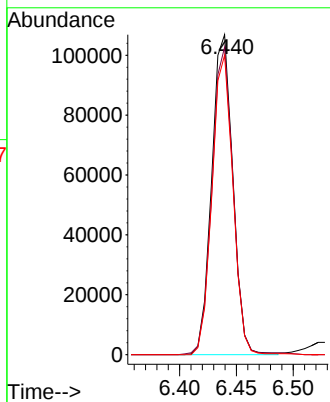
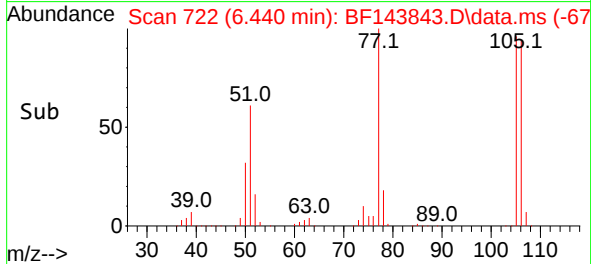
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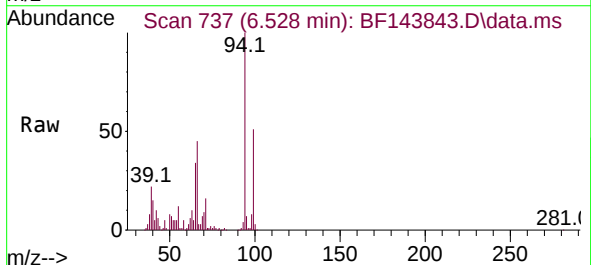
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Ion Ratio Lower Upper
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106 93.6 69.8 109.8

Manual Integrations
APPROVED

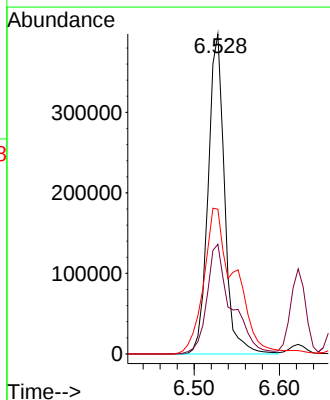
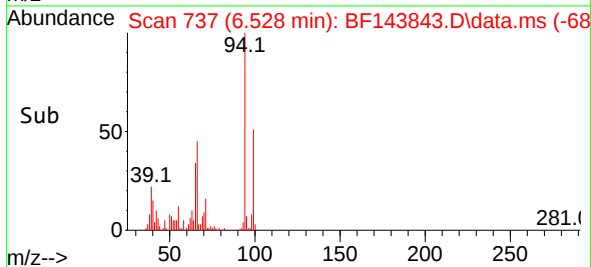
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025

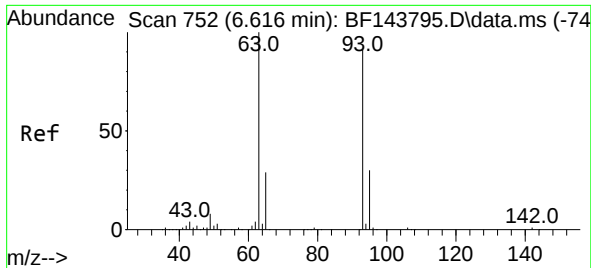


#10
Phenol
Concen: 49.810 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03



Tgt Ion: 94 Resp: 531677
Ion Ratio Lower Upper
94 100
65 34.3 14.2 54.2
66 45.2 24.1 64.1





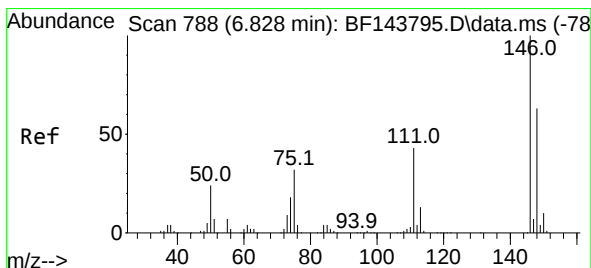
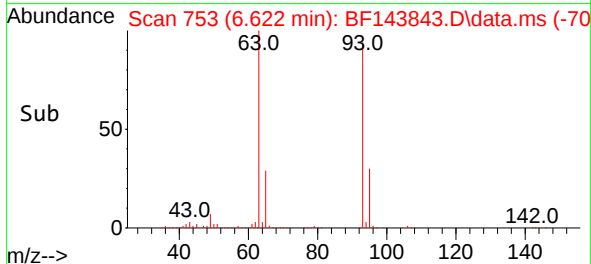
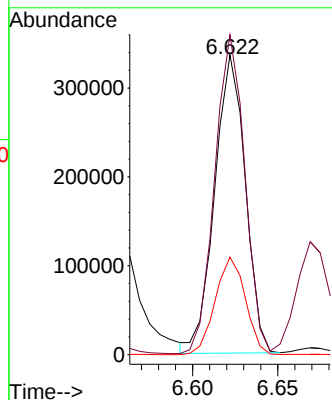
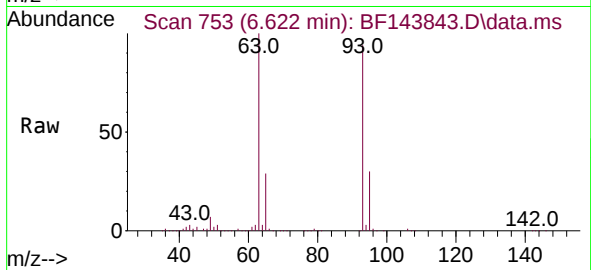
#11
bis(2-Chloroethyl)ether
Concen: 50.145 ng
RT: 6.622 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion: 93 Resp: 419573
Ion Ratio Lower Upper
93 100
63 106.8 89.2 129.2
95 32.6 12.9 52.9

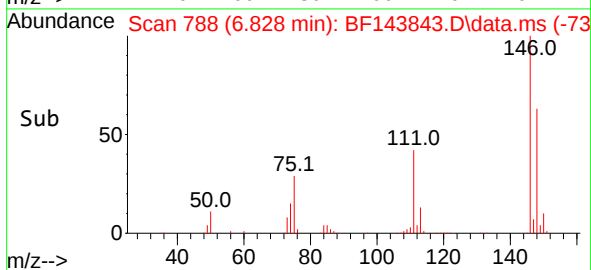
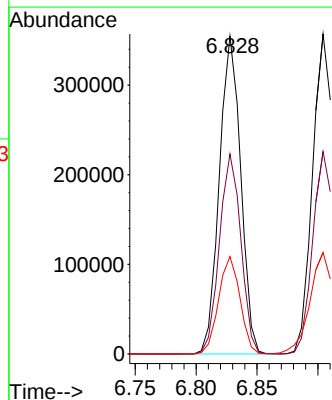
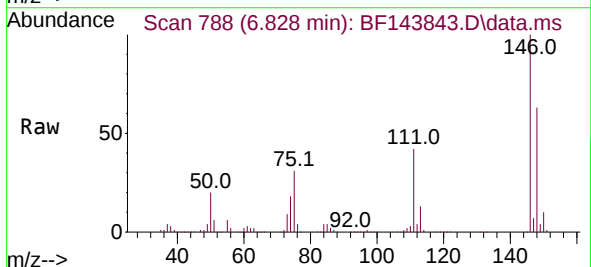
Manual Integrations
APPROVED

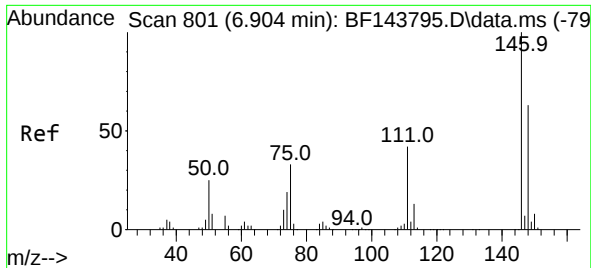
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025



#12
1,3-Dichlorobenzene
Concen: 45.761 ng
RT: 6.828 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

Tgt Ion:146 Resp: 432297
Ion Ratio Lower Upper
146 100
148 62.9 50.4 75.6
75 30.6 25.6 38.4





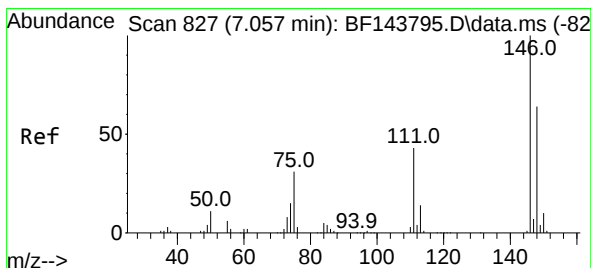
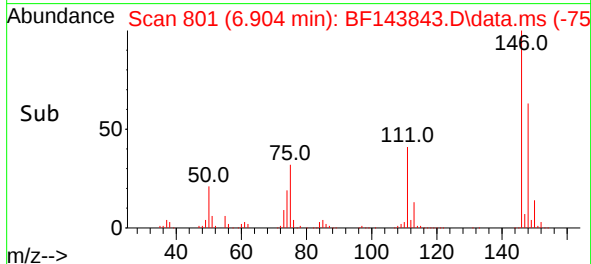
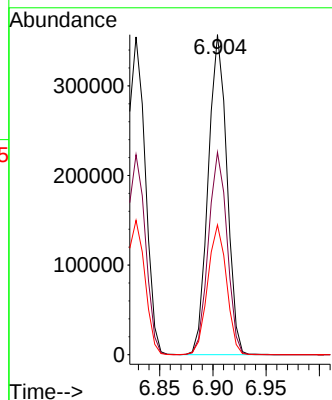
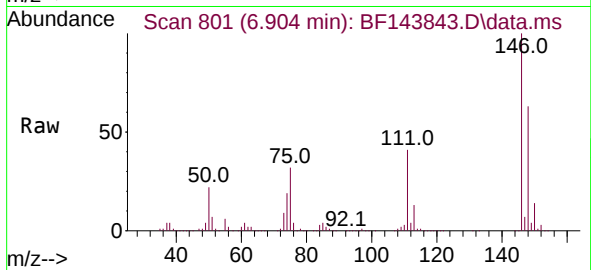
#13
1,4-Dichlorobenzene
Concen: 46.174 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion:146 Resp: 435318
Ion Ratio Lower Upper
146 100
148 63.3 50.7 76.1
111 40.5 33.4 50.2

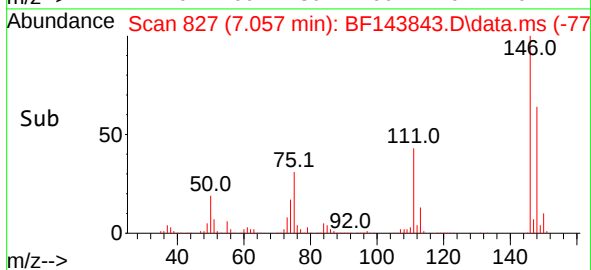
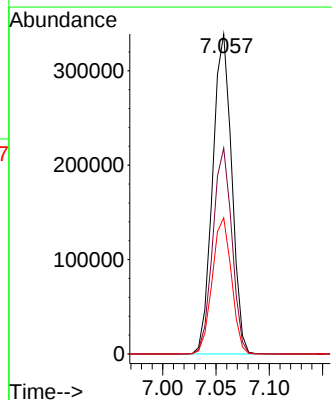
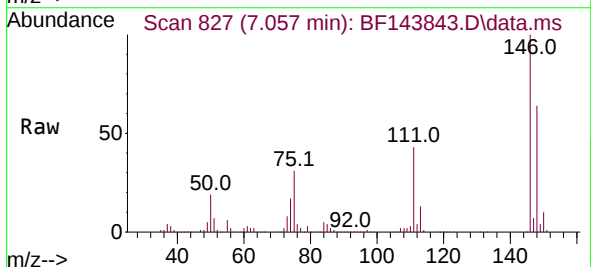
Manual Integrations
APPROVED

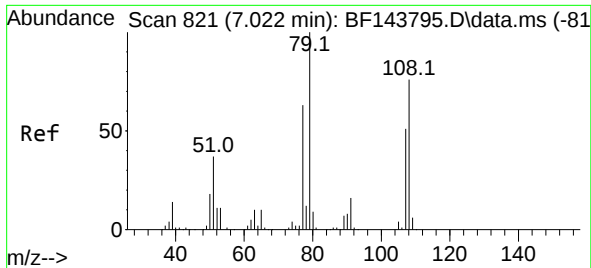
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025



#14
1,2-Dichlorobenzene
Concen: 47.374 ng
RT: 7.057 min Scan# 827
Delta R.T. 0.000 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

Tgt Ion:146 Resp: 423001
Ion Ratio Lower Upper
146 100
148 64.3 51.1 76.7
111 42.5 34.3 51.5





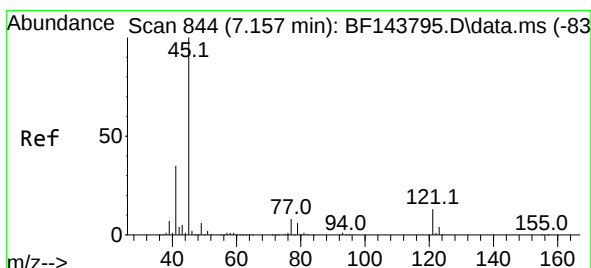
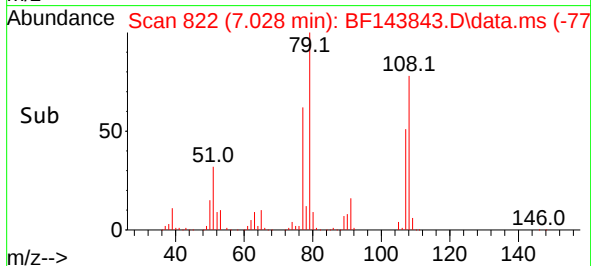
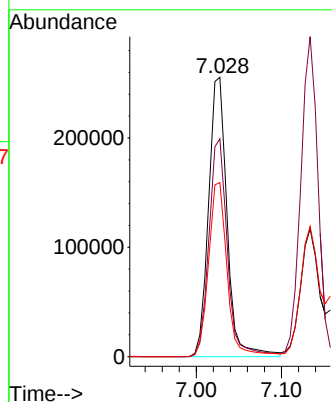
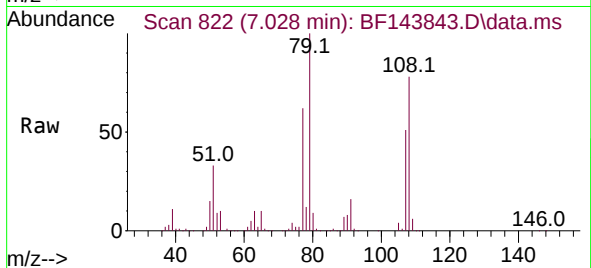
#15
Benzyl Alcohol
Concen: 58.087 ng
RT: 7.028 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion: 79 Resp: 385436
Ion Ratio Lower Upper
79 100
108 78.0 60.5 90.7
77 62.3 50.3 75.5

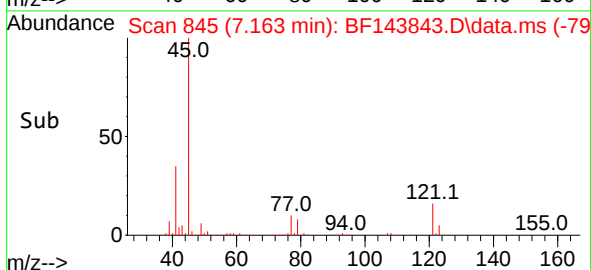
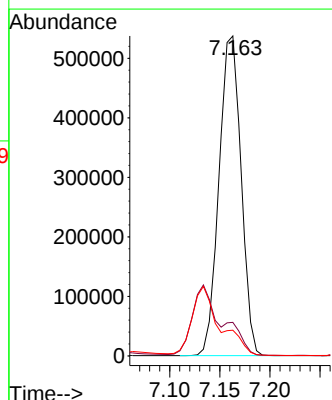
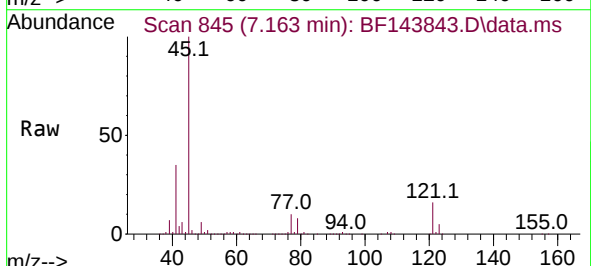
Manual Integrations
APPROVED

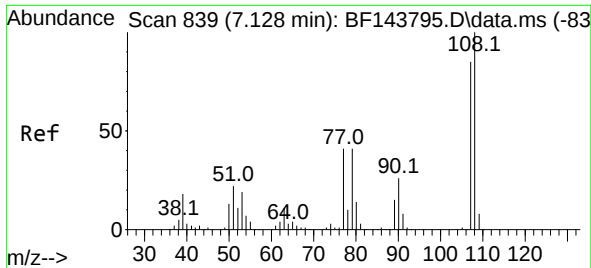
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.508 ng
RT: 7.163 min Scan# 845
Delta R.T. 0.006 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

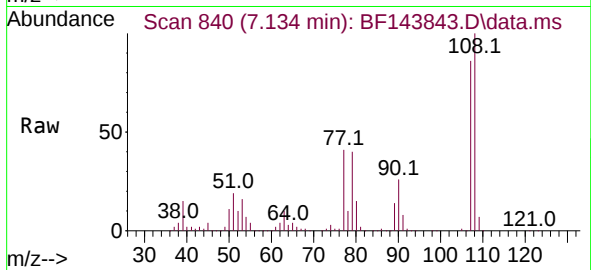
Tgt Ion: 45 Resp: 823543
Ion Ratio Lower Upper
45 100
77 10.5 0.0 28.5
79 8.0 0.0 26.3





#17
2-Methylphenol
Concen: 55.873 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

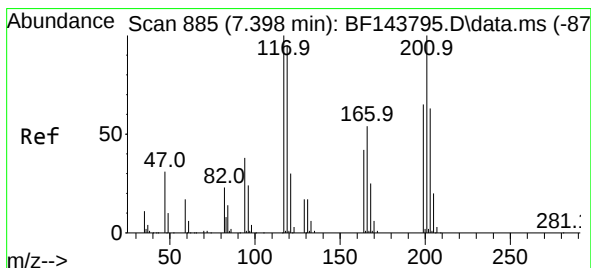
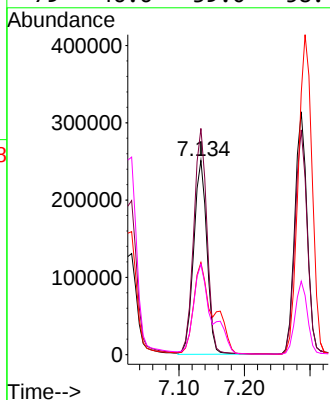
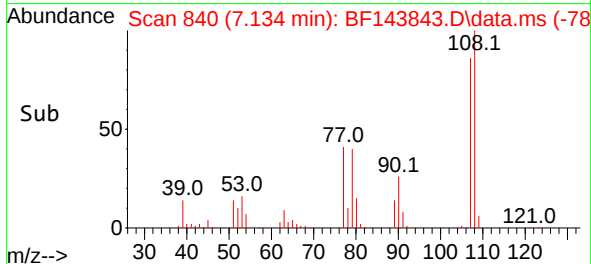
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



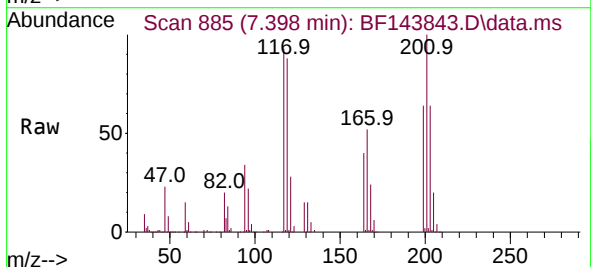
Tgt Ion:107 Resp: 351954
Ion Ratio Lower Upper
107 100
108 116.5 94.2 141.4
77 47.4 38.6 58.0
79 46.6 39.0 58.4

Manual Integrations
APPROVED

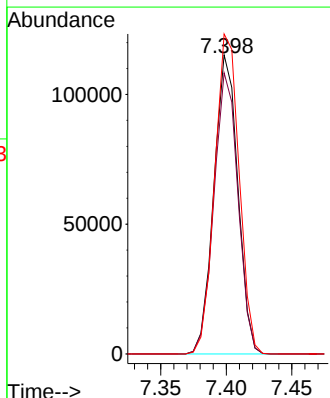
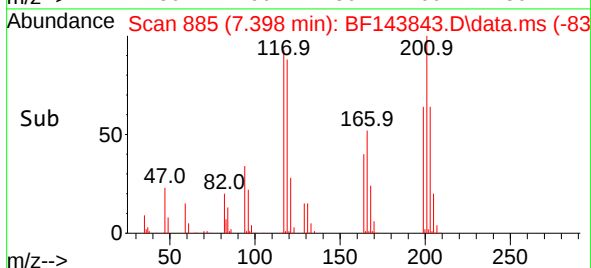
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025

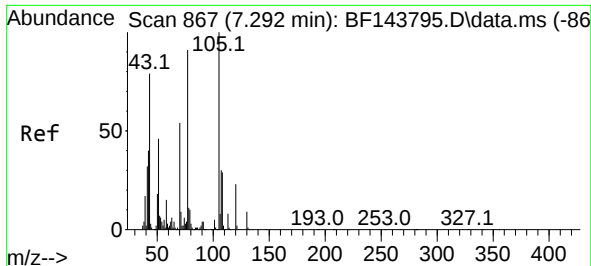


#18
Hexachloroethane
Concen: 44.137 ng
RT: 7.398 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03



Tgt Ion:117 Resp: 146338
Ion Ratio Lower Upper
117 100
119 94.0 76.2 114.2
201 107.0 79.7 119.5





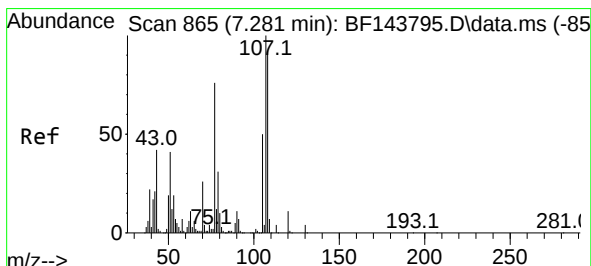
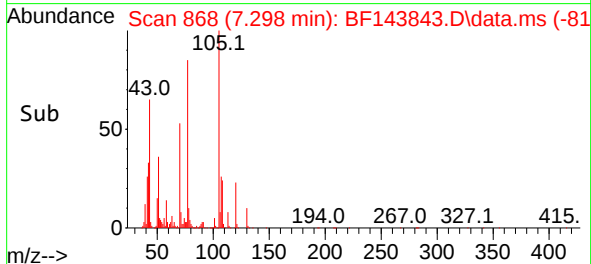
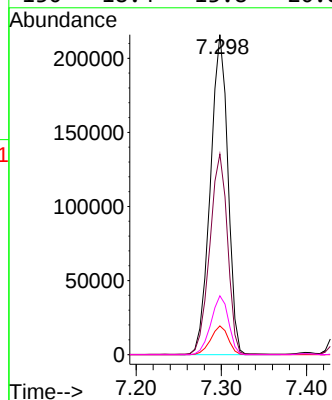
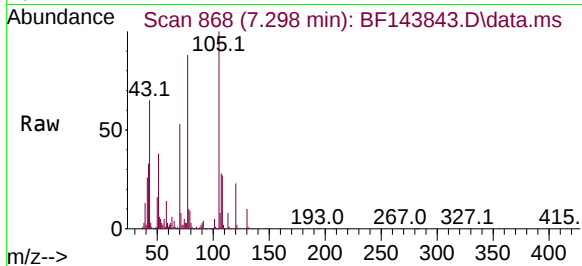
#19
n-Nitroso-di-n-propylamine
Concen: 52.157 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion: 70 Resp: 308003
Ion Ratio Lower Upper
70 100
42 62.7 59.4 89.0
101 9.0 7.1 10.7
130 18.4 13.8 20.8

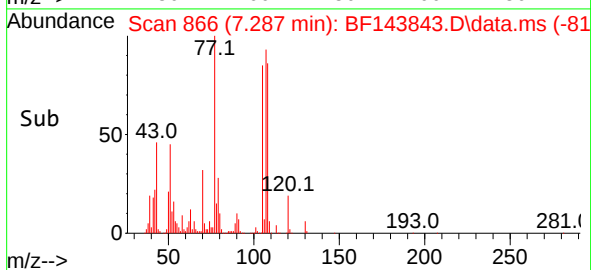
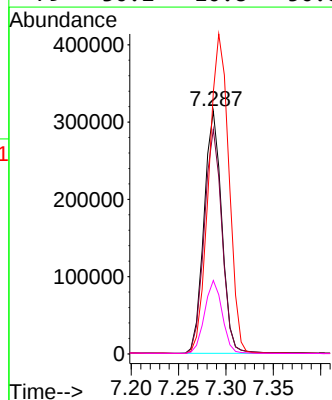
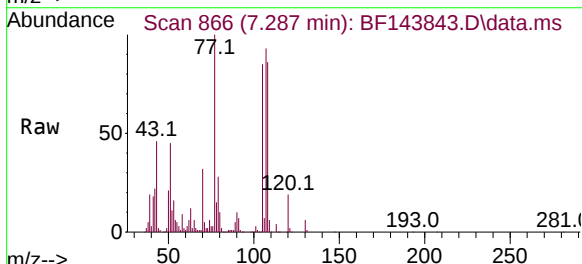
Manual Integrations
APPROVED

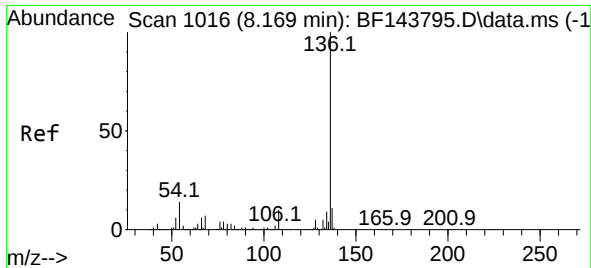
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025



#20
3+4-Methylphenols
Concen: 53.549 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

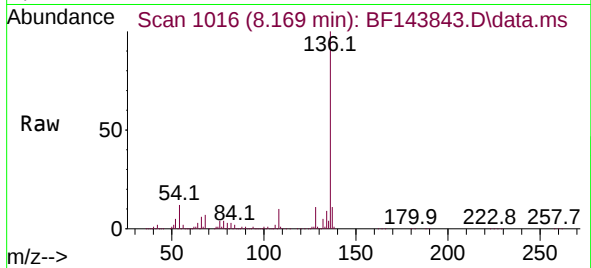
Tgt Ion:107 Resp: 410787
Ion Ratio Lower Upper
107 100
108 92.5 72.5 112.5
77 107.8 56.2 96.2#
79 30.2 10.8 50.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

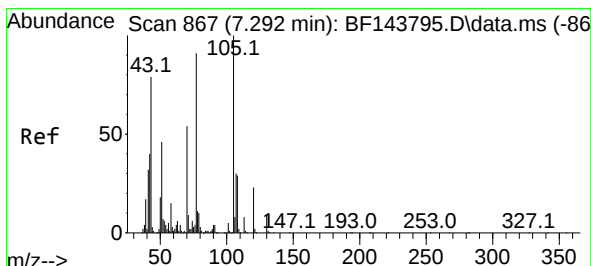
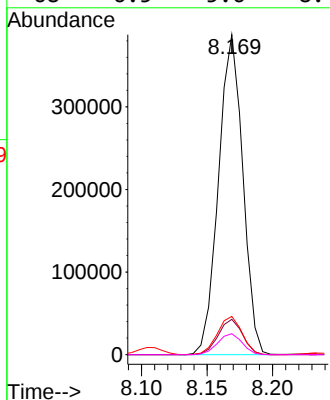
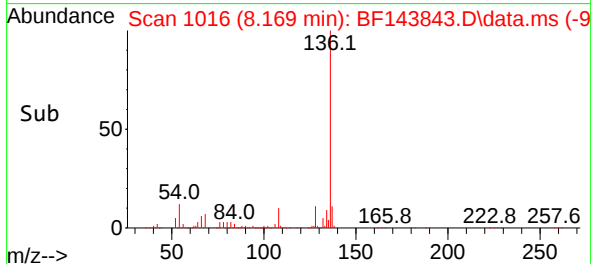
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



Tgt Ion:136 Resp: 500064
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 11.9 11.2 16.8
68 6.5 5.6 8.4

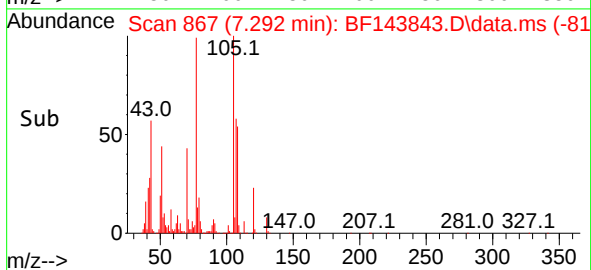
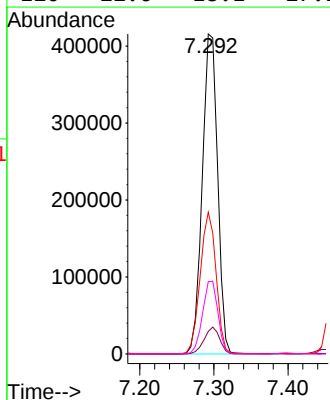
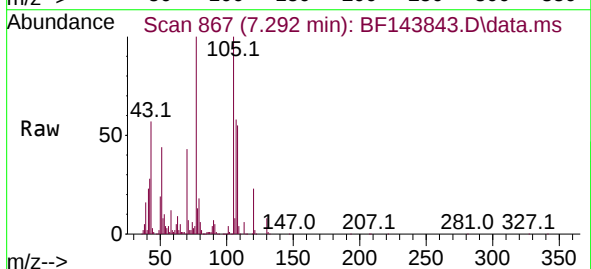
Manual Integrations
APPROVED

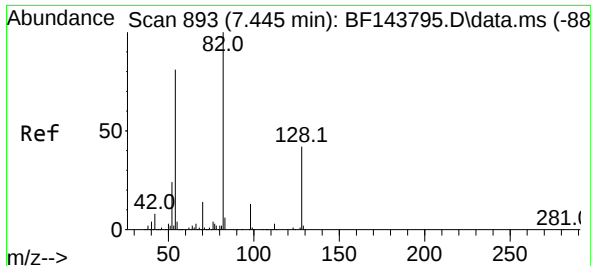
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025



#22
Acetophenone
Concen: 54.428 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

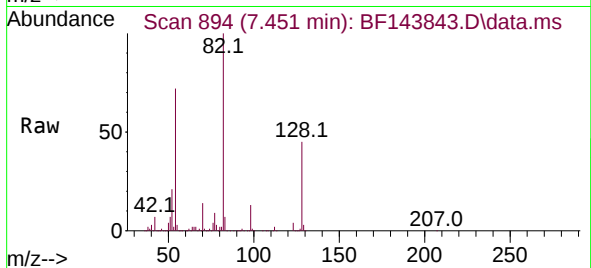
Tgt Ion:105 Resp: 597792
Ion Ratio Lower Upper
105 100
71 7.0 7.0 10.4
51 44.3 36.6 55.0
120 22.6 18.1 27.1





#23
Nitrobenzene-d5
Concen: 106.565 ng
RT: 7.451 min Scan# 894
Delta R.T. 0.000 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

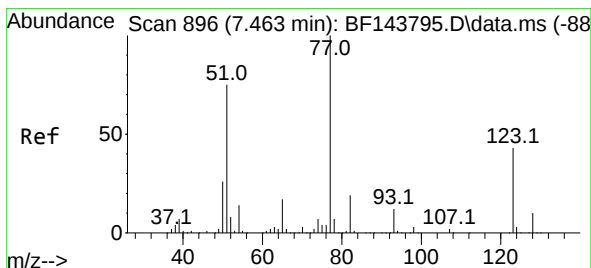
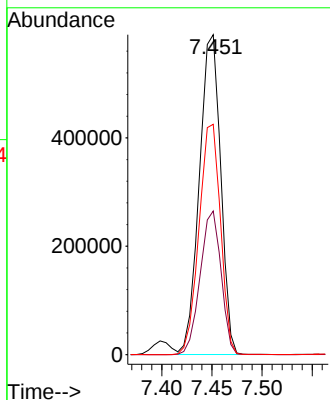
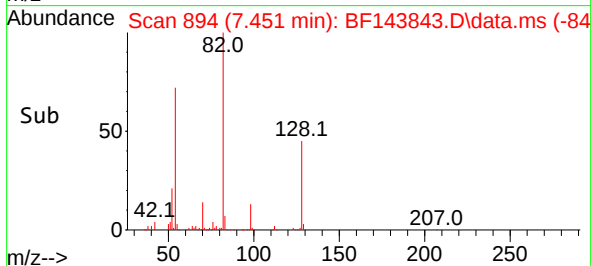
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



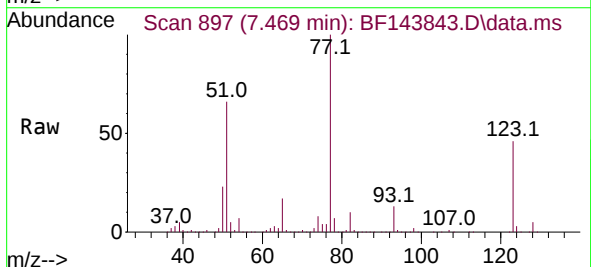
Tgt Ion: 82 Resp: 870578
Ion Ratio Lower Upper
82 100
128 44.9 33.3 49.9
54 72.0 64.2 96.4

Manual Integrations
APPROVED

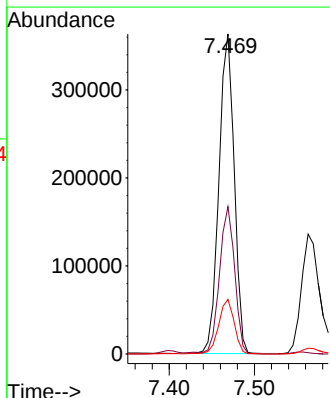
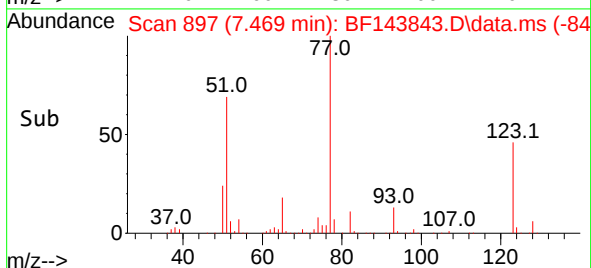
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025

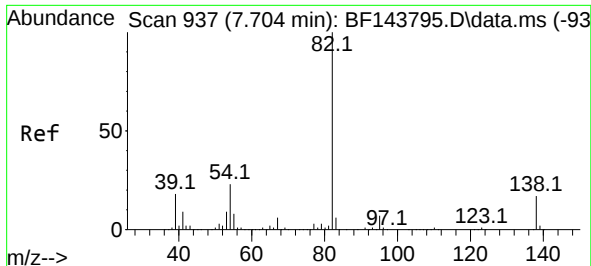


#24
Nitrobenzene
Concen: 50.028 ng
RT: 7.469 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03



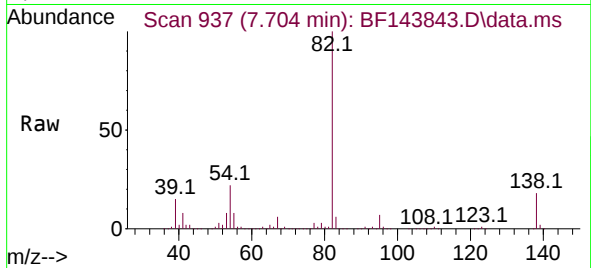
Tgt Ion: 77 Resp: 453010
Ion Ratio Lower Upper
77 100
123 46.0 34.0 51.0
65 17.0 13.5 20.3





#25
Isophorone
Concen: 53.234 ng
RT: 7.704 min Scan# 937
Delta R.T. -0.006 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

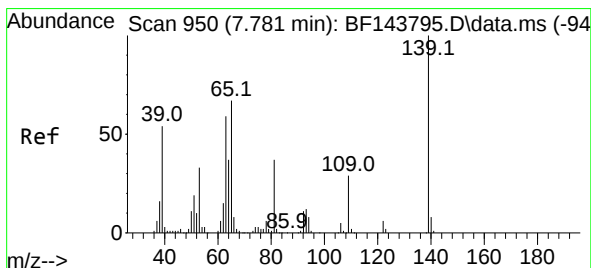
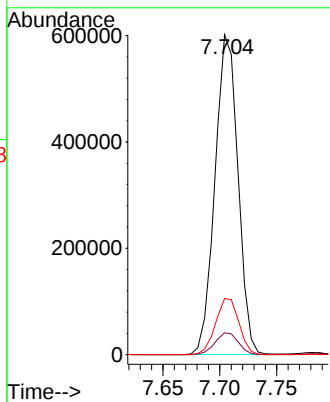
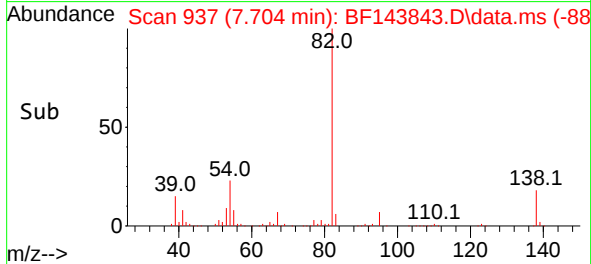
Instrument :
BNA_F
Client SampleId :
WC-1MSD



Tgt Ion: 82 Resp: 847459
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 17.5 13.7 20.5

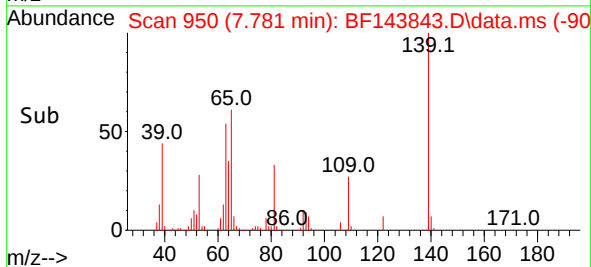
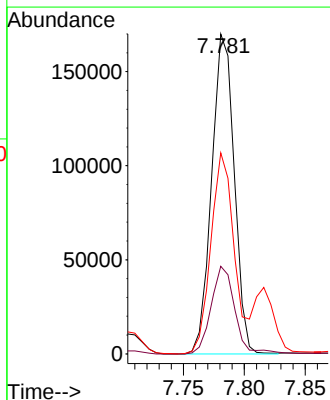
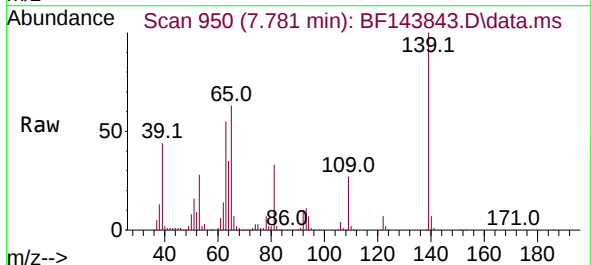
Manual Integrations
APPROVED

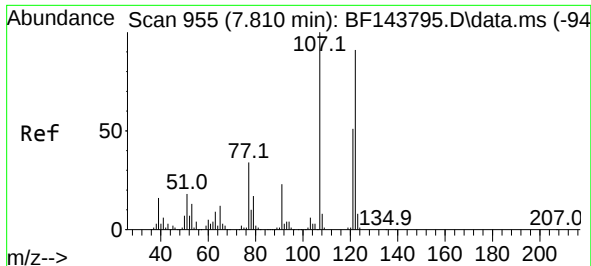
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025



#26
2-Nitrophenol
Concen: 58.423 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.005 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

Tgt Ion:139 Resp: 219516
Ion Ratio Lower Upper
139 100
109 27.4 23.3 34.9
65 62.8 53.8 80.6





#27

2,4-Dimethylphenol

Concen: 57.631 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF143843.D

Acq: 30 Sep 2025 20:03

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion:122 Resp: 410071

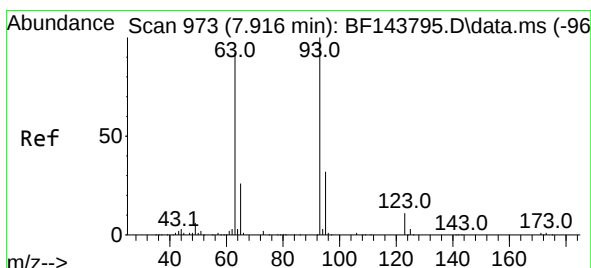
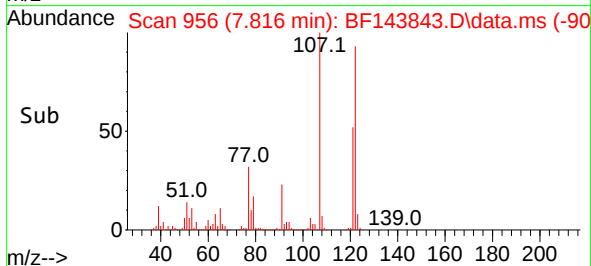
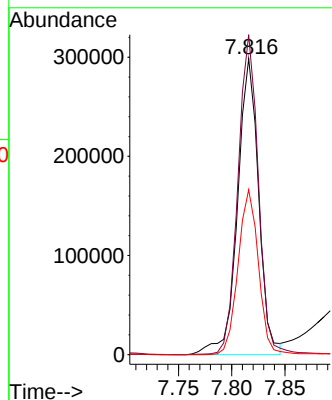
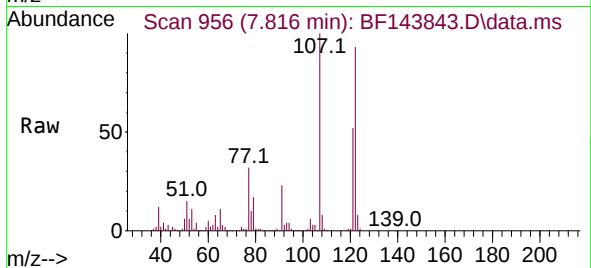
Ion	Ratio	Lower	Upper
122	100		
107	108.1	87.5	131.3
121	55.7	44.2	66.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/01/2025

Supervised By :Jagrut Upadhyay 10/01/2025



#28

bis(2-Chloroethoxy)methane

Concen: 50.575 ng

RT: 7.916 min Scan# 973

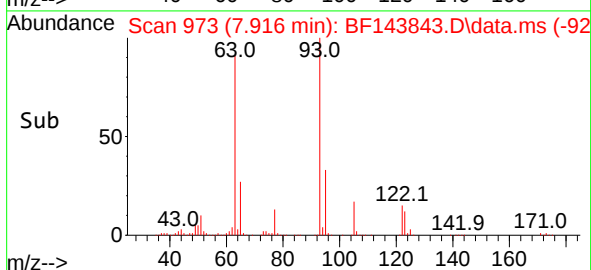
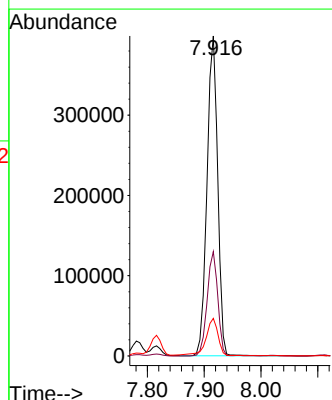
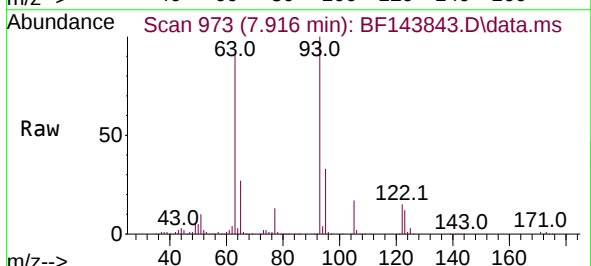
Delta R.T. 0.000 min

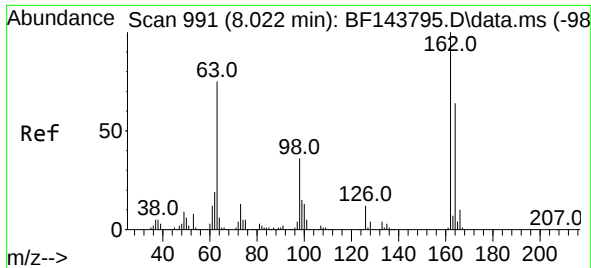
Lab File: BF143843.D

Acq: 30 Sep 2025 20:03

Tgt Ion: 93 Resp: 523092

Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.8	38.8
123	11.7	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 53.988 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF143843.D

Acq: 30 Sep 2025 20:03

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

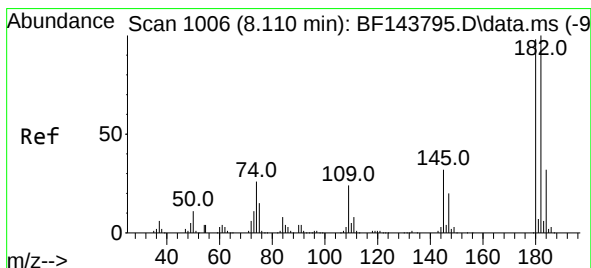
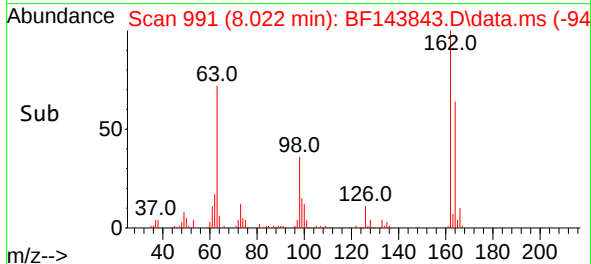
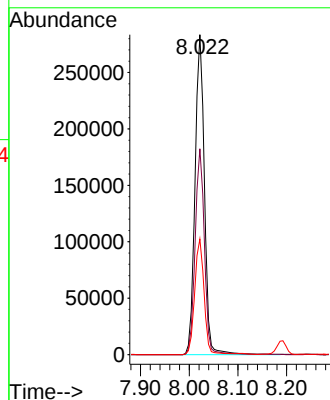
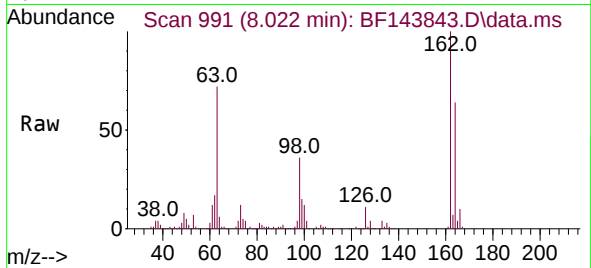
Tgt Ion:162 Resp: 377990
 Ion Ratio Lower Upper
 162 100
 164 64.3 44.1 84.1
 98 36.1 15.8 55.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/01/2025

Supervised By :Jagrut Upadhyay 10/01/2025



#30

1,2,4-Trichlorobenzene

Concen: 52.339 ng

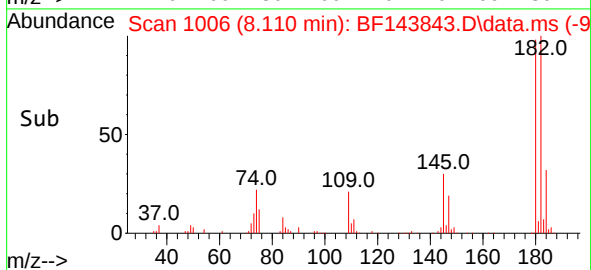
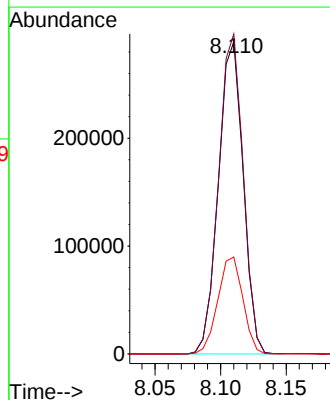
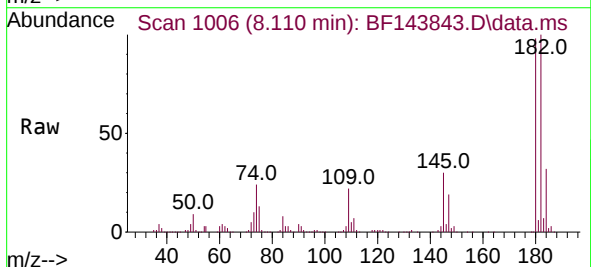
RT: 8.110 min Scan# 1006

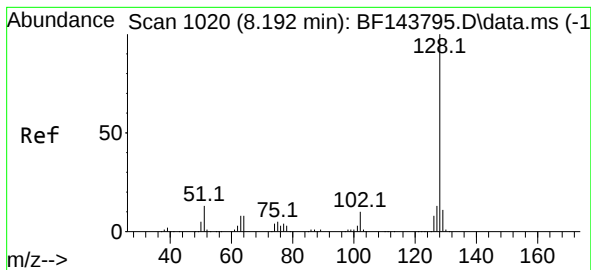
Delta R.T. 0.000 min

Lab File: BF143843.D

Acq: 30 Sep 2025 20:03

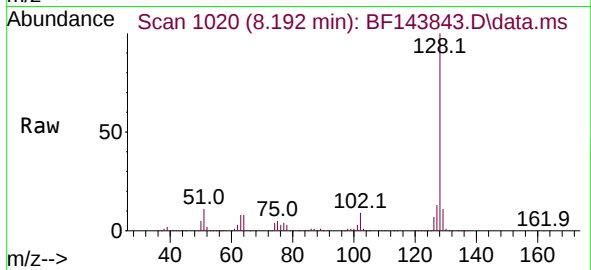
Tgt Ion:180 Resp: 380292
 Ion Ratio Lower Upper
 180 100
 182 102.5 82.0 123.0
 145 31.0 25.9 38.9





#31
Naphthalene
Concen: 48.229 ng
RT: 8.192 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

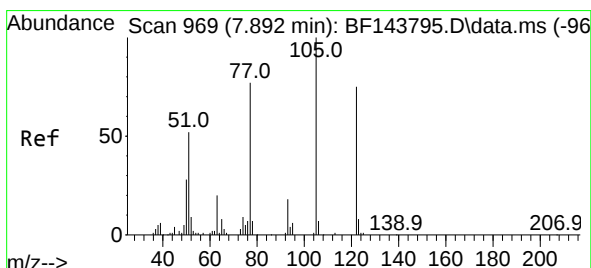
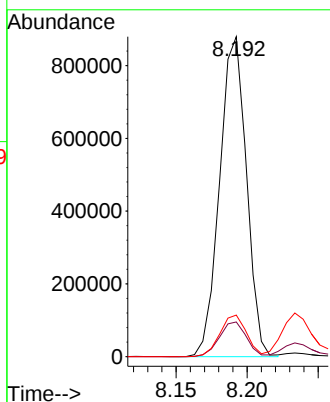
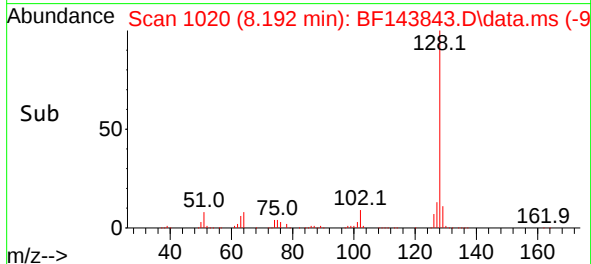
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



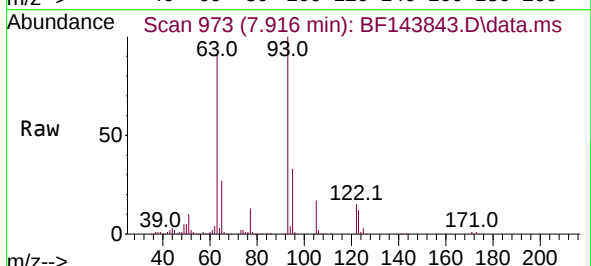
Tgt Ion:128 Resp: 1154552
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.0 10.2 15.4

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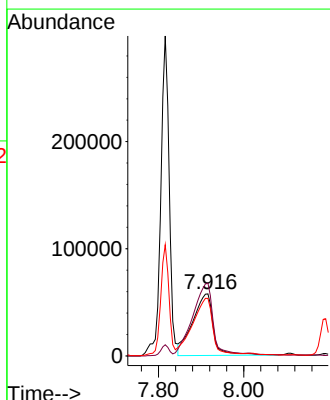
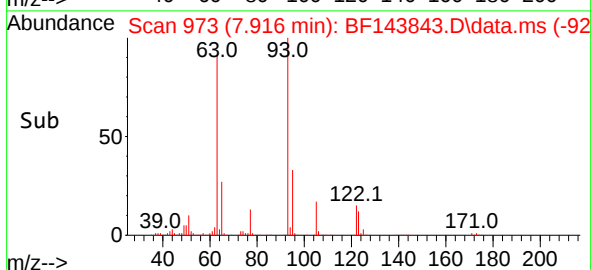
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025

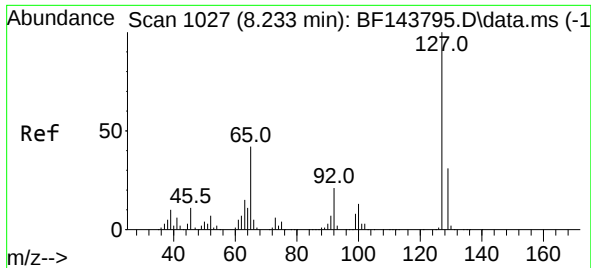


#32
Benzoic acid
Concen: 57.123 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.006 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03



Tgt Ion:122 Resp: 196107
Ion Ratio Lower Upper
122 100
105 116.9 103.7 143.7
77 92.8 78.8 118.8





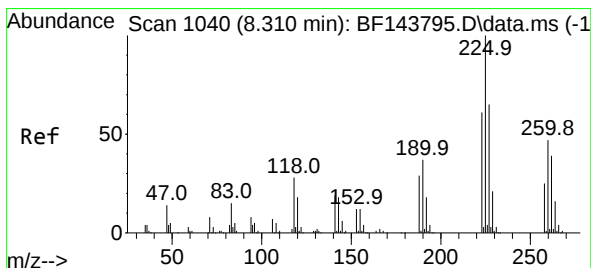
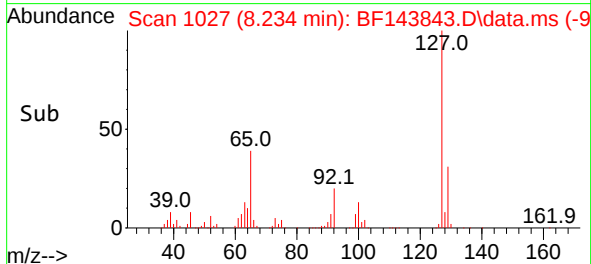
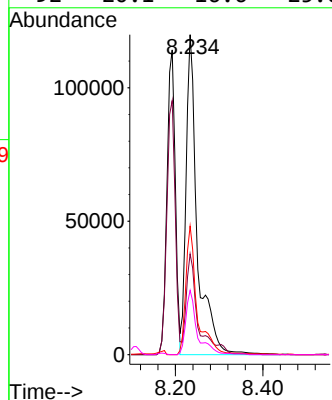
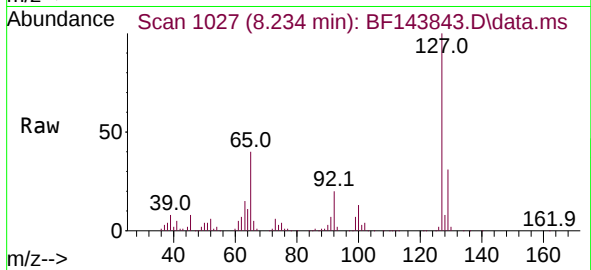
#33
4-Chloroaniline
Concen: 25.827 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion:127 Resp: 217269
Ion Ratio Lower Upper
127 100
129 31.5 25.4 38.2
65 40.2 33.4 50.2
92 20.1 16.6 25.0

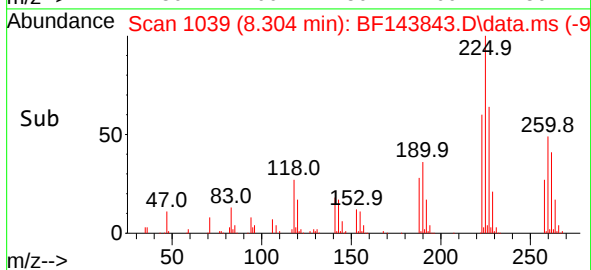
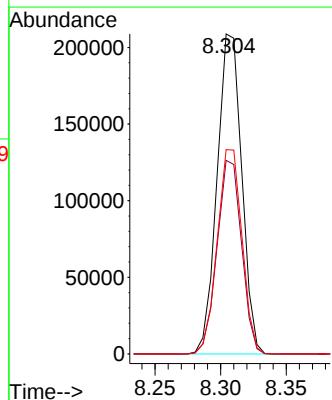
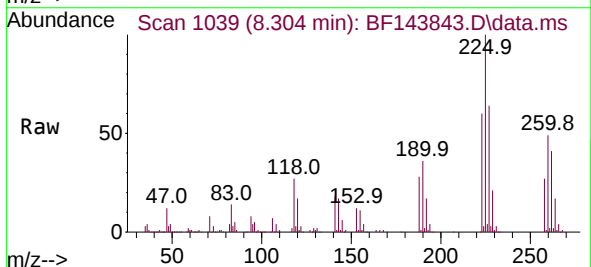
Manual Integrations
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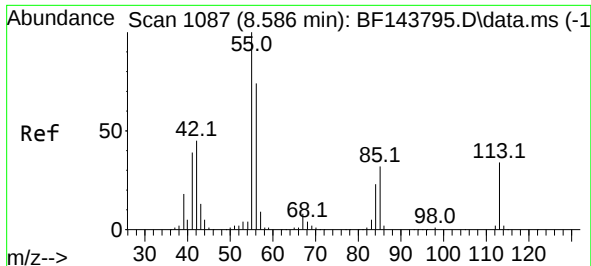
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025



#34
Hexachlorobutadiene
Concen: 50.562 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

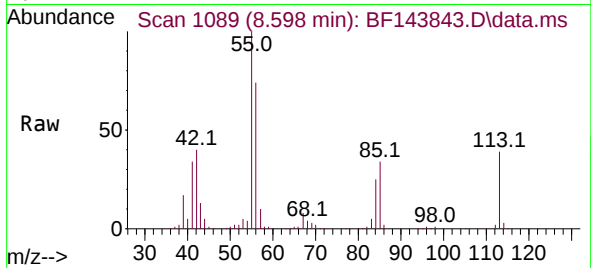
Tgt Ion:225 Resp: 273869
Ion Ratio Lower Upper
225 100
223 60.5 48.6 72.8
227 63.8 51.9 77.9





#35
Caprolactam
Concen: 58.648 ng/ml
RT: 8.598 min Scan# 1089
Delta R.T. -0.012 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

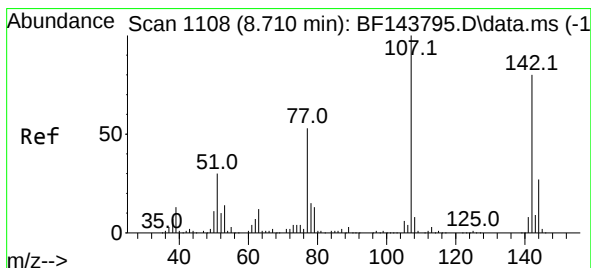
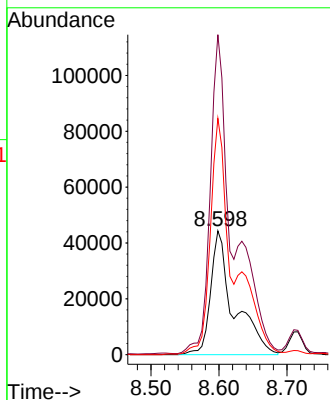
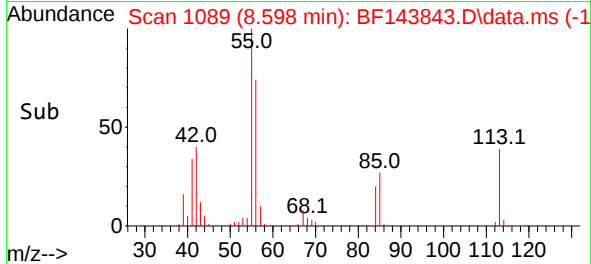
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



Tgt Ion:113 Resp: 104954
Ion Ratio Lower Upper
113 100
55 258.5 271.7 311.7
56 190.9 194.5 234.5

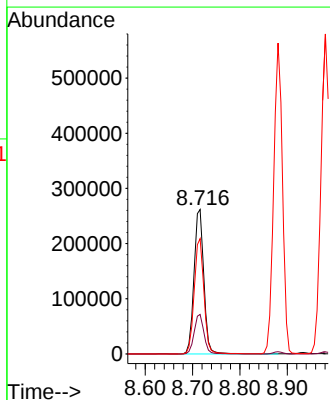
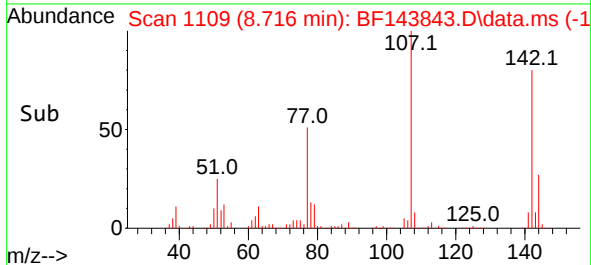
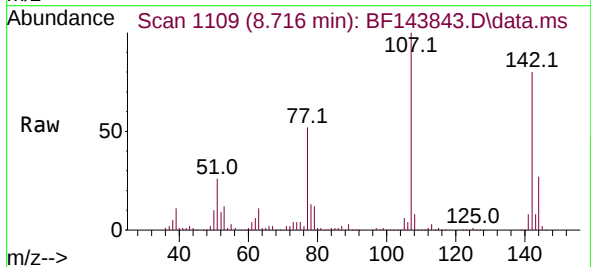
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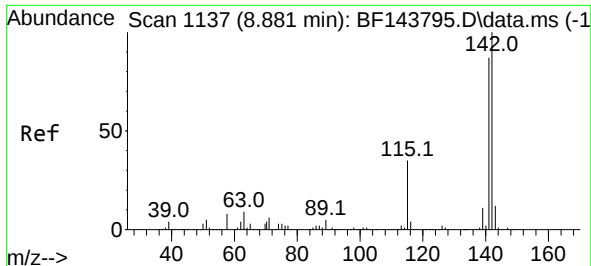
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025



#36
4-Chloro-3-methylphenol
Concen: 57.424 ng/ml
RT: 8.716 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

Tgt Ion:107 Resp: 377069
Ion Ratio Lower Upper
107 100
144 27.3 21.8 32.8
142 79.8 63.6 95.4





#37

2-Methylnaphthalene

Concen: 47.228 ng

RT: 8.881 min Scan# 1137

Delta R.T. 0.000 min

Lab File: BF143843.D

Acq: 30 Sep 2025 20:03

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion:142 Resp: 72090

Ion Ratio Lower Upper

142 100

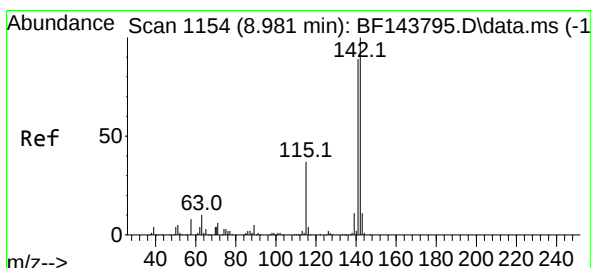
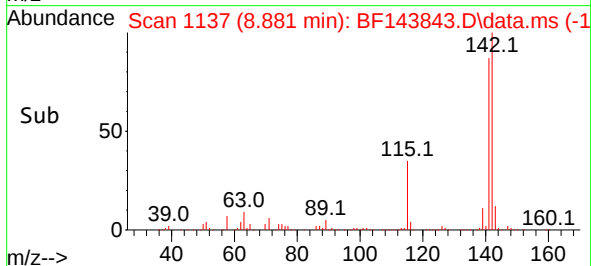
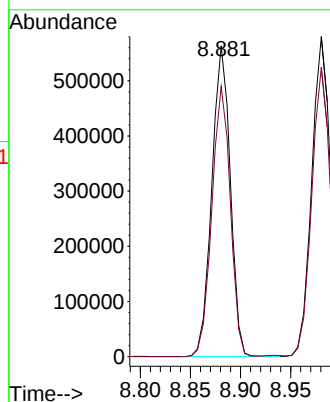
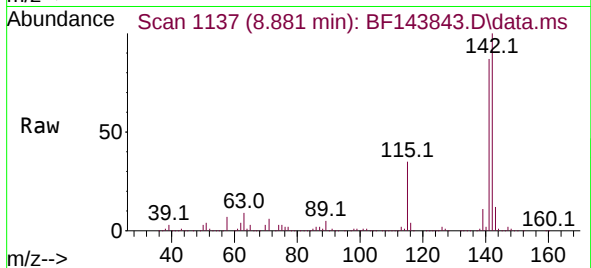
141 86.9 69.4 104.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/01/2025

Supervised By :Jagrut Upadhyay 10/01/2025



#38

1-Methylnaphthalene

Concen: 51.024 ng

RT: 8.981 min Scan# 1154

Delta R.T. 0.000 min

Lab File: BF143843.D

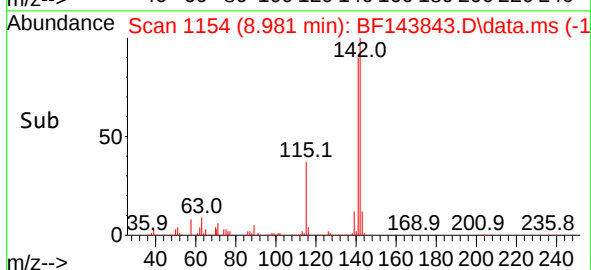
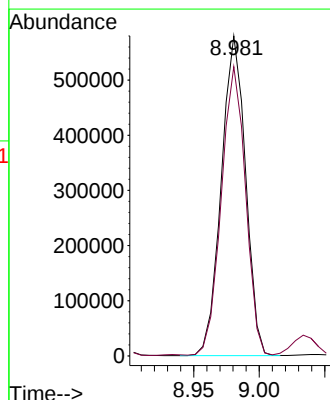
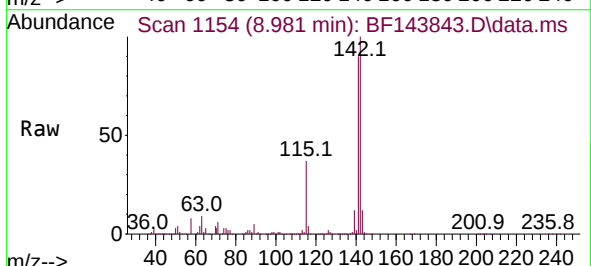
Acq: 30 Sep 2025 20:03

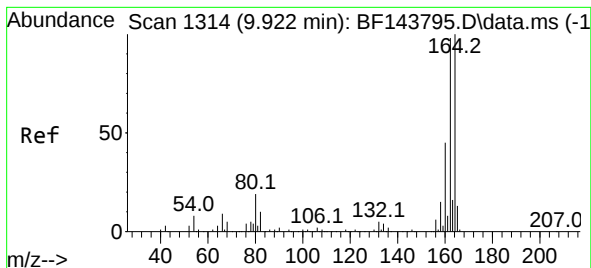
Tgt Ion:142 Resp: 745492

Ion Ratio Lower Upper

142 100

141 90.4 71.1 106.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1314

Delta R.T. -0.000 min

Lab File: BF143843.D

Acq: 30 Sep 2025 20:03

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

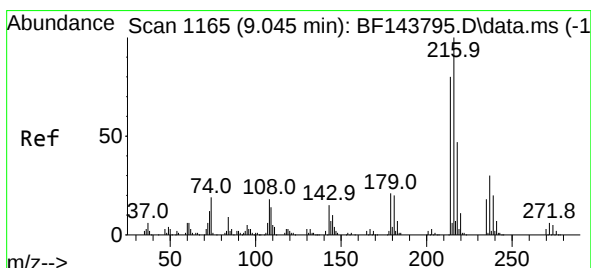
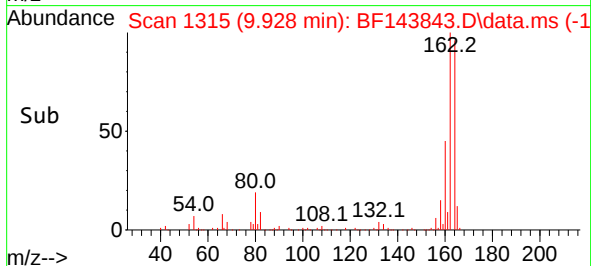
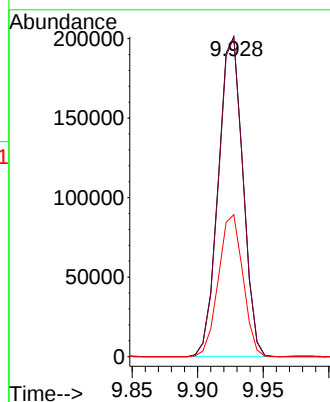
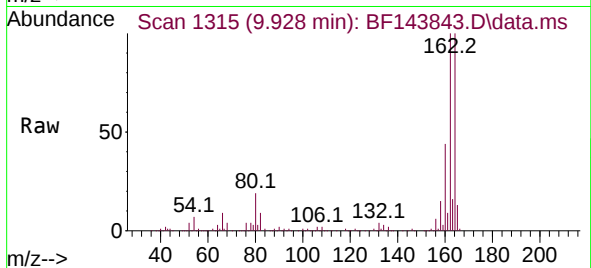
Tgt Ion:164	Resp: 262323
Ion Ratio	Lower Upper
164	100
162	99.7 78.8 118.2
160	44.3 35.8 53.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/01/2025

Supervised By :Jagrut Upadhyay 10/01/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 56.169 ng

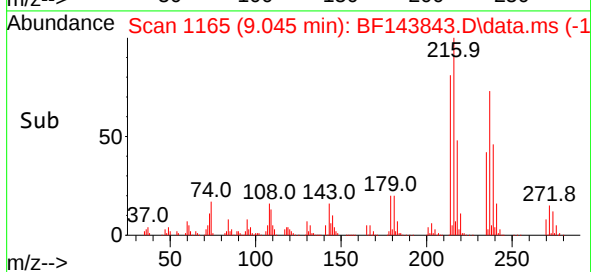
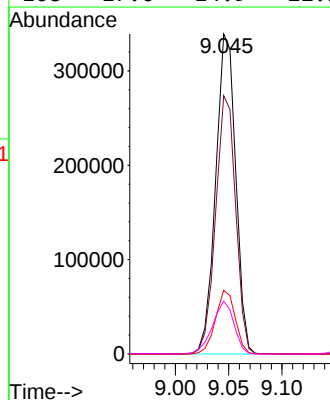
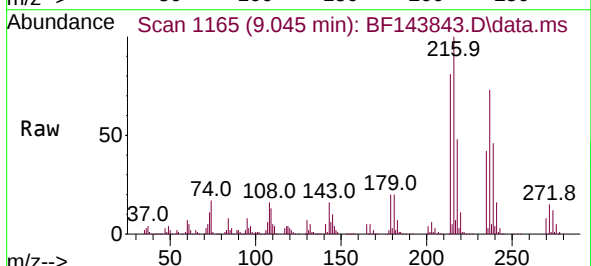
RT: 9.045 min Scan# 1165

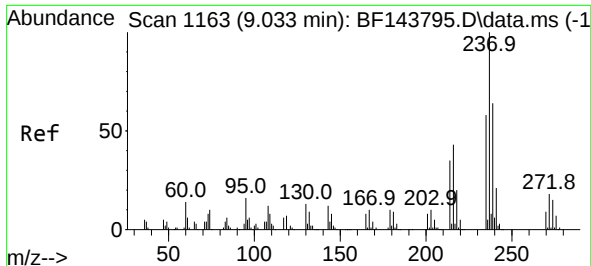
Delta R.T. -0.006 min

Lab File: BF143843.D

Acq: 30 Sep 2025 20:03

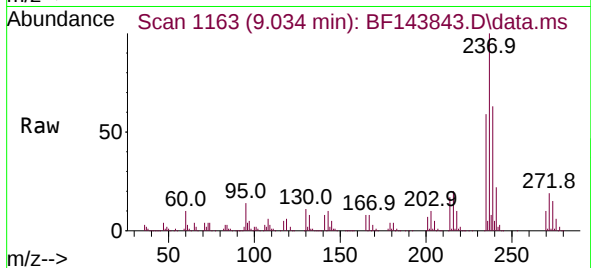
Tgt Ion:216	Resp: 444660
Ion Ratio	Lower Upper
216	100
214	80.6 63.7 95.5
179	19.5 16.5 24.7
108	17.6 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 121.091 ng
RT: 9.034 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

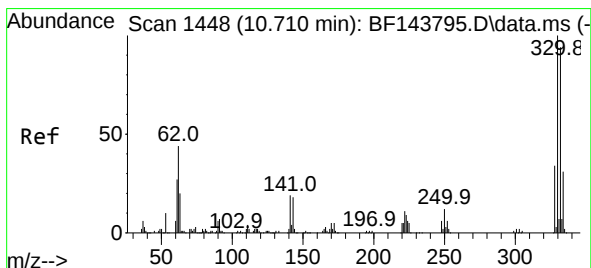
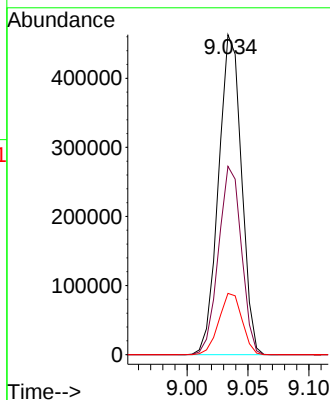
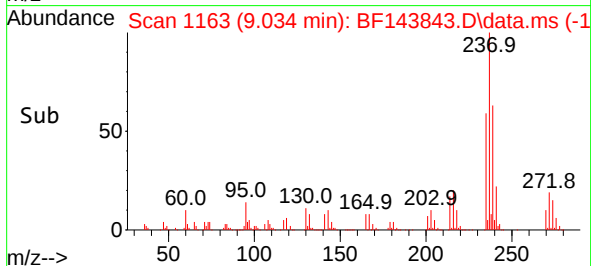
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



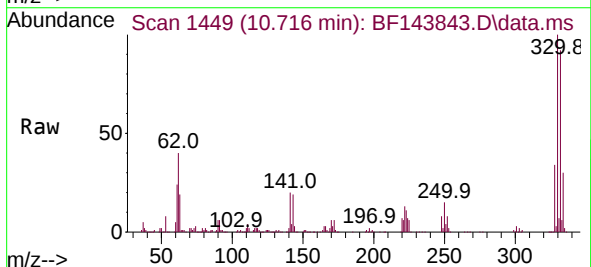
Tgt Ion:237 Resp: 607539
Ion Ratio Lower Upper
237 100
235 58.8 38.1 78.1
272 19.1 0.0 37.9

Manual Integrations
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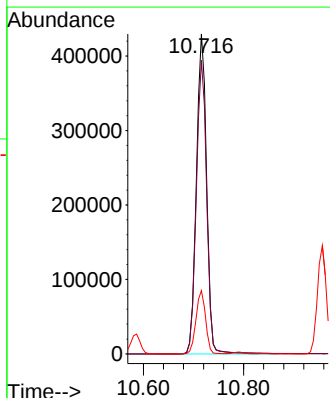
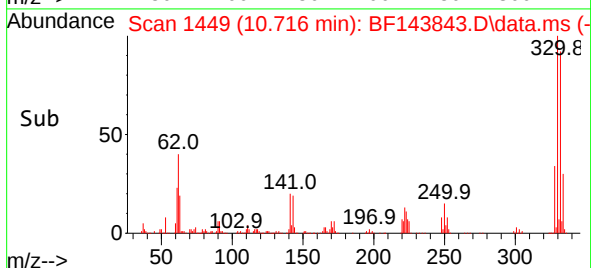
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025

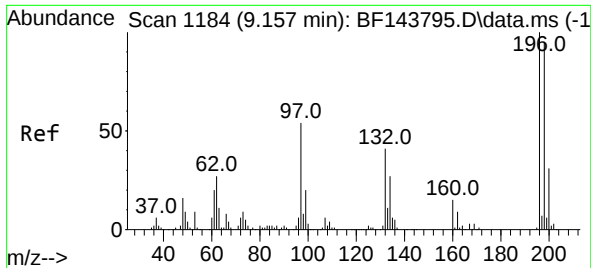


#42
2,4,6-Tribromophenol
Concen: 156.192 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03



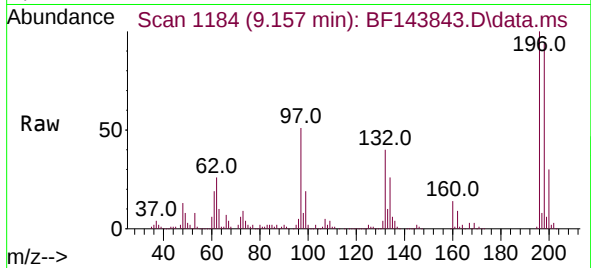
Tgt Ion:330 Resp: 606667
Ion Ratio Lower Upper
330 100
332 92.6 74.7 112.1
141 18.5 14.3 21.5





#43
2,4,6-Trichlorophenol
Concen: 57.469 ng
RT: 9.157 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

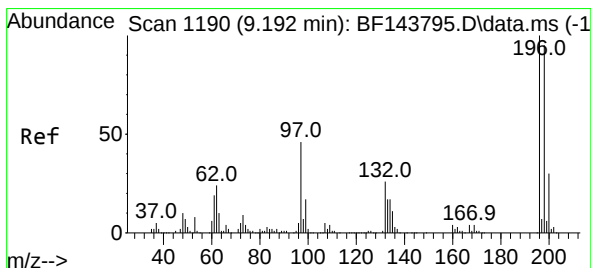
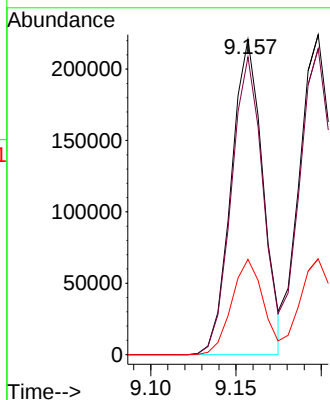
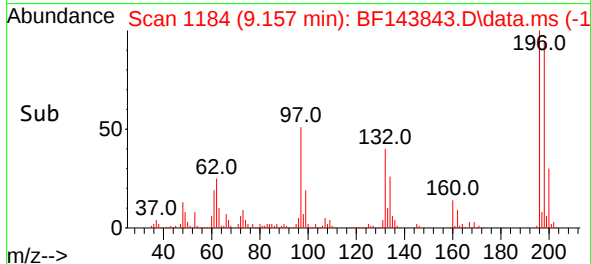
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



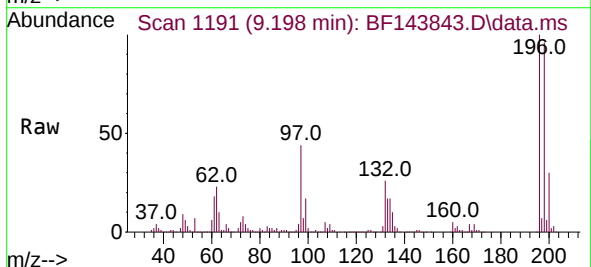
Tgt Ion:196 Resp: 284874
Ion Ratio Lower Upper
196 100
198 94.4 76.2 114.2
200 30.2 24.7 37.1

Manual Integrations
APPROVED

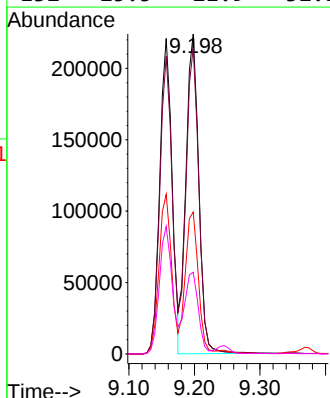
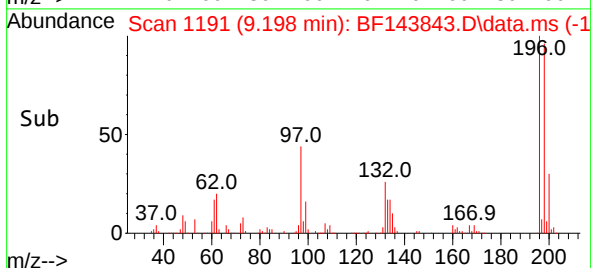
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025

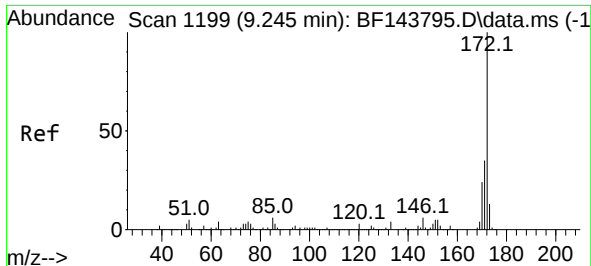


#44
2,4,5-Trichlorophenol
Concen: 59.035 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03



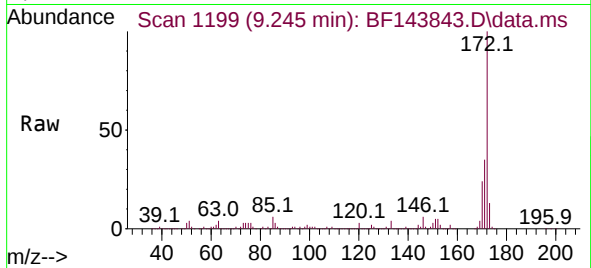
Tgt Ion:196 Resp: 306093
Ion Ratio Lower Upper
196 100
198 95.6 75.9 113.9
97 44.3 38.3 57.5
132 25.5 21.9 32.9





#45
2-Fluorobiphenyl
Concen: 102.920 ng
RT: 9.245 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

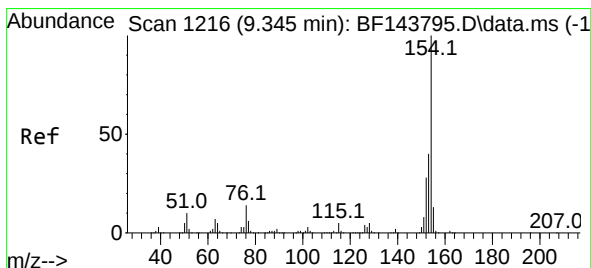
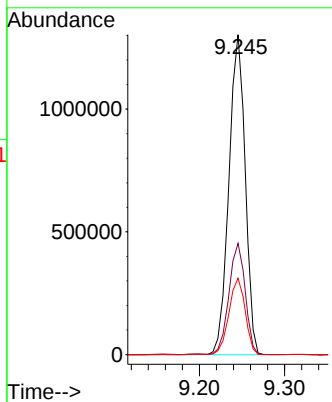
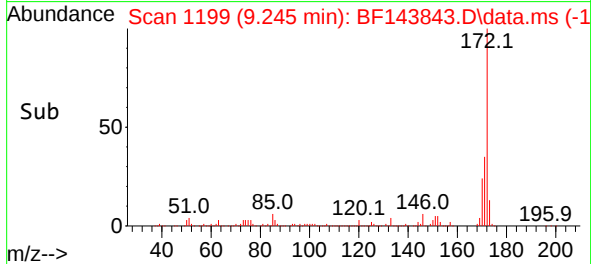
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



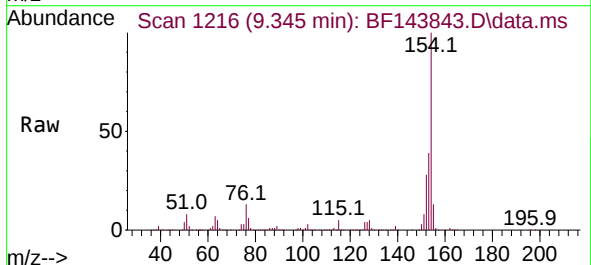
Tgt Ion:172 Resp: 1730105
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.9 19.1 28.7

Manual Integrations
APPROVED

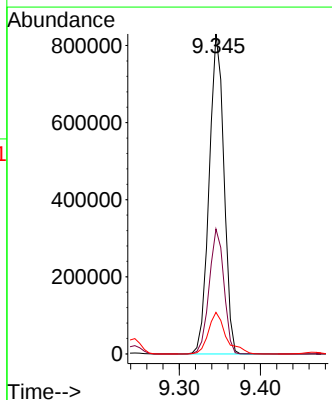
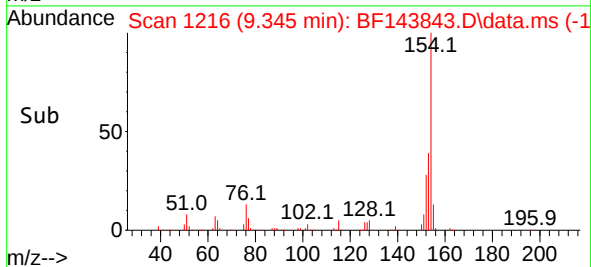
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025

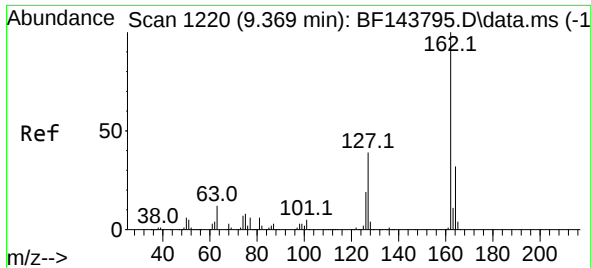


#46
1,1'-Biphenyl
Concen: 55.336 ng
RT: 9.345 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03



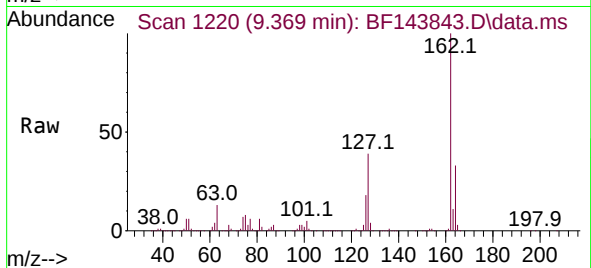
Tgt Ion:154 Resp: 1050767
Ion Ratio Lower Upper
154 100
153 39.0 19.7 59.7
76 13.0 0.0 33.8





#47
2-Chloronaphthalene
Concen: 49.944 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

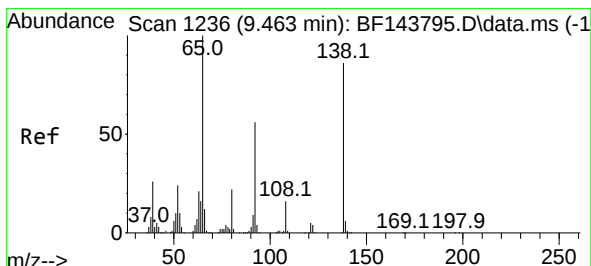
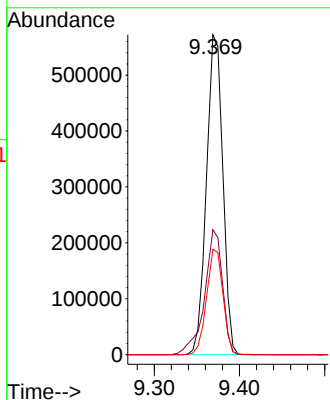
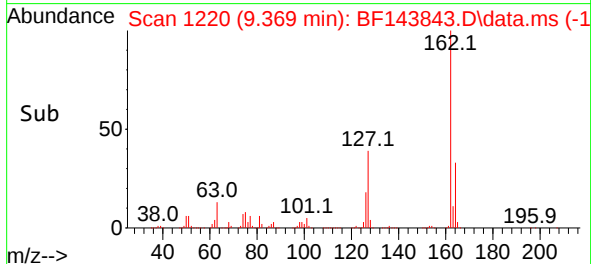
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



Tgt Ion:162 Resp: 763404
Ion Ratio Lower Upper
162 100
127 39.0 31.5 47.3
164 32.9 25.9 38.9

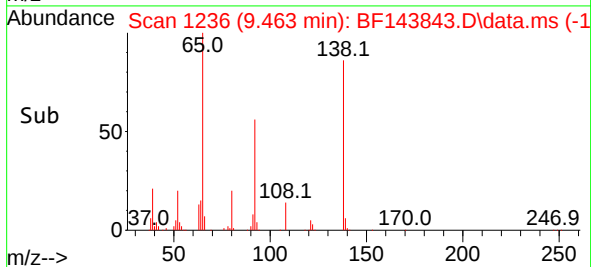
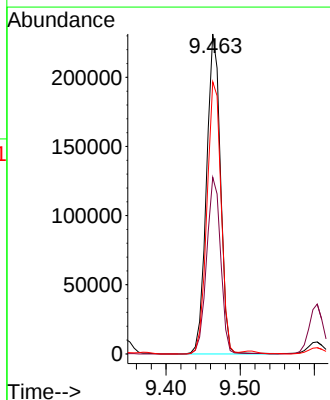
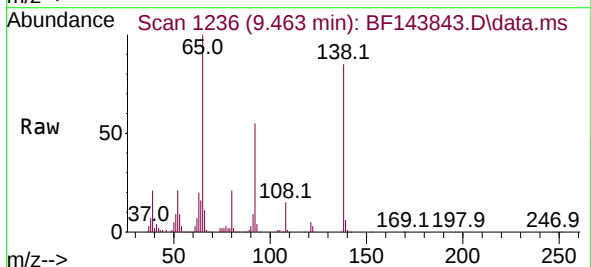
Manual Integrations
APPROVED

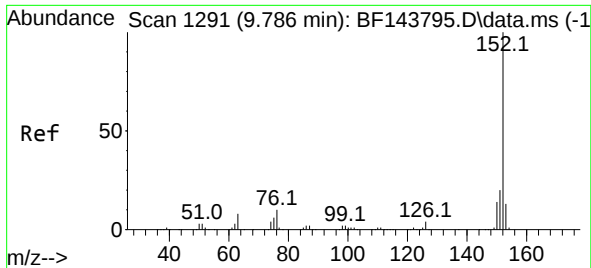
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025



#48
2-Nitroaniline
Concen: 65.464 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

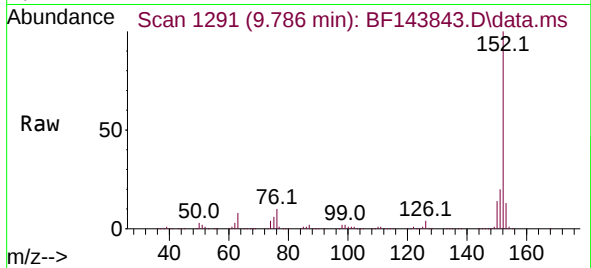
Tgt Ion: 65 Resp: 302426
Ion Ratio Lower Upper
65 100
92 55.2 44.9 67.3
138 85.0 69.0 103.4





#49
Acenaphthylene
Concen: 59.500 ng
RT: 9.786 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

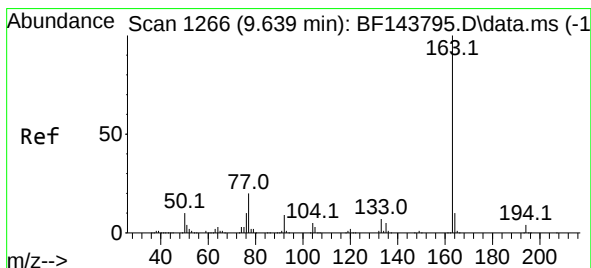
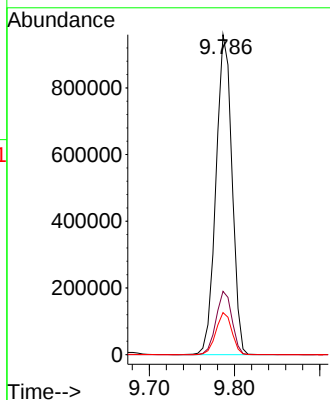
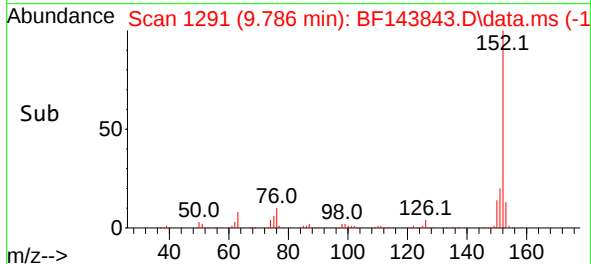
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



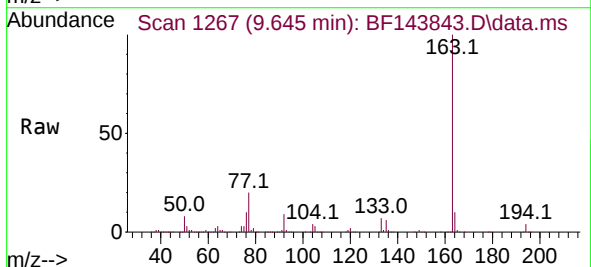
Tgt Ion:152 Resp: 1252000
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 13.1 10.6 15.8

Manual Integrations
APPROVED

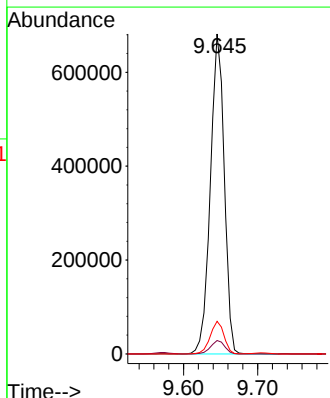
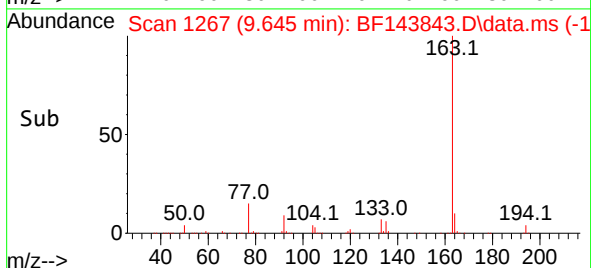
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025

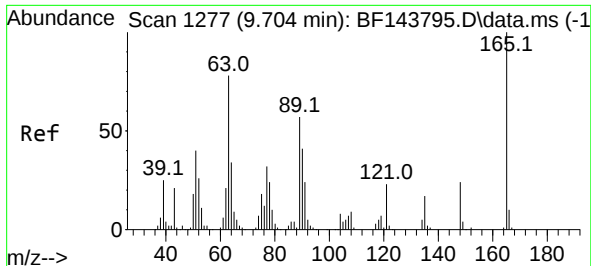


#50
Dimethylphthalate
Concen: 55.548 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.006 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03



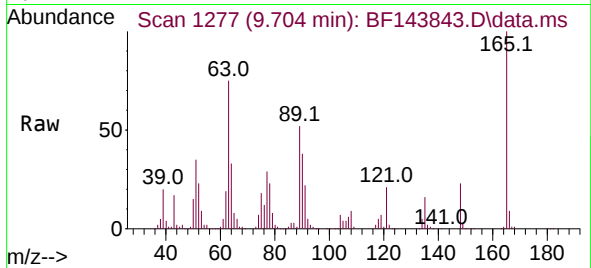
Tgt Ion:163 Resp: 888138
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 73.685 ng
RT: 9.704 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

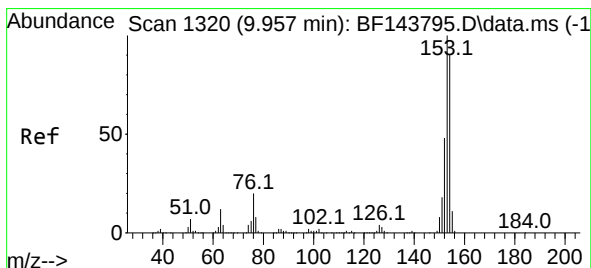
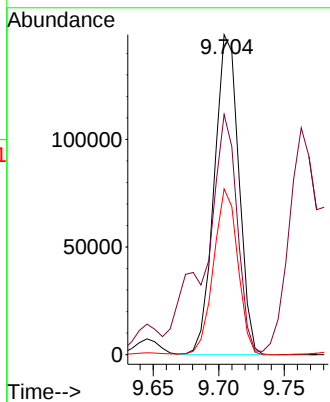
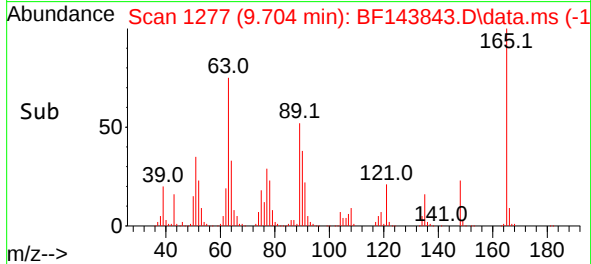
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



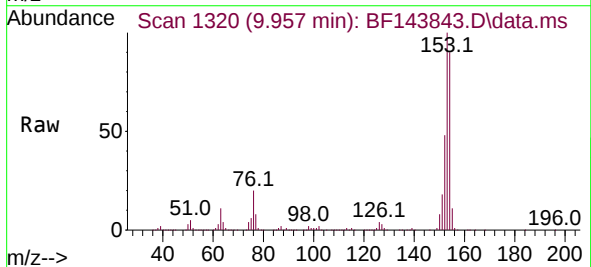
Tgt Ion:165 Resp: 193566
Ion Ratio Lower Upper
165 100
63 75.0 62.6 94.0
89 51.8 45.2 67.8

Manual Integrations
APPROVED

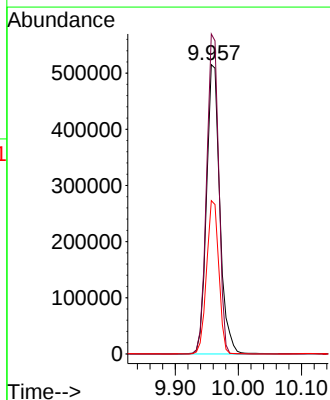
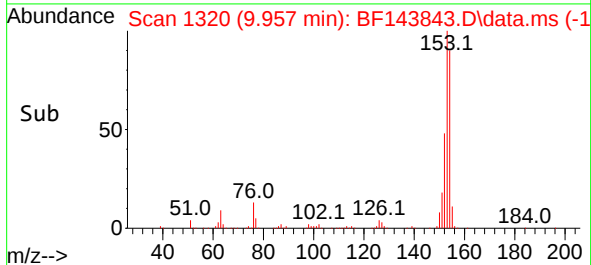
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025

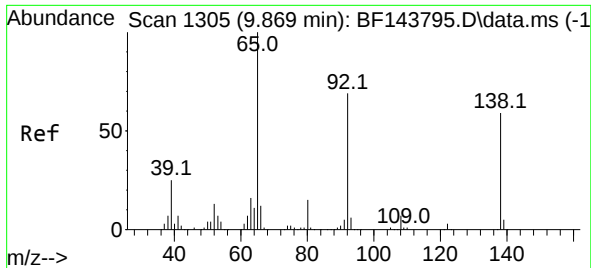


#52
Acenaphthene
Concen: 54.357 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03



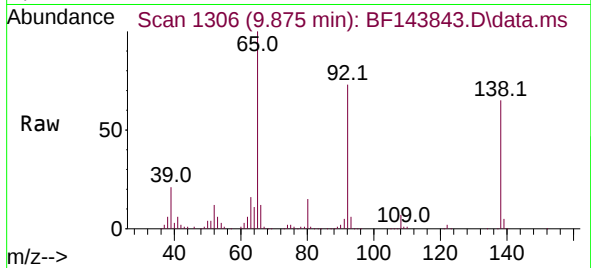
Tgt Ion:154 Resp: 752691
Ion Ratio Lower Upper
154 100
153 110.6 88.7 133.1
152 53.0 42.7 64.1





#53
3-Nitroaniline
Concen: 41.378 ng
RT: 9.875 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

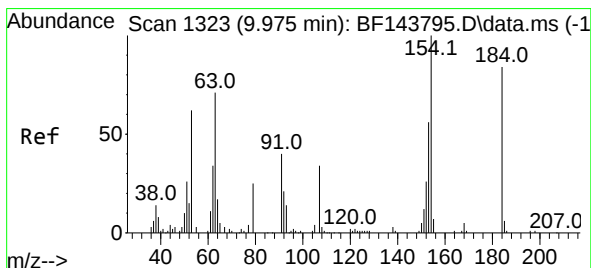
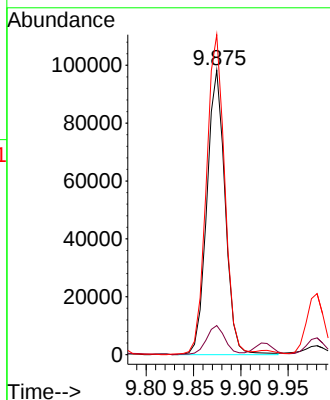
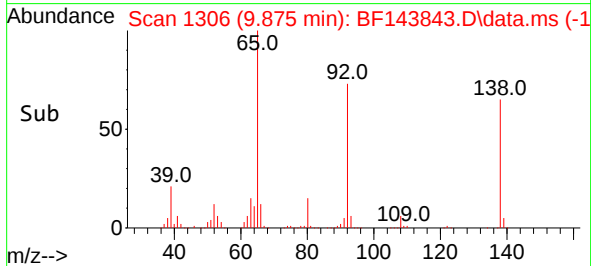
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



Tgt Ion:138 Resp: 131753
Ion Ratio Lower Upper
138 100
108 10.2 9.9 14.9
92 112.5 93.5 140.3

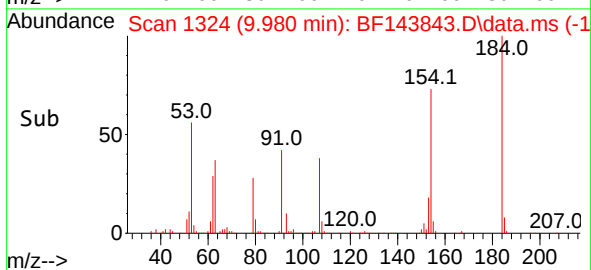
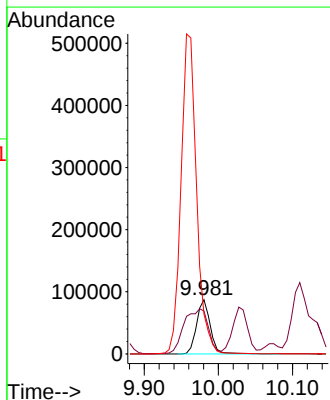
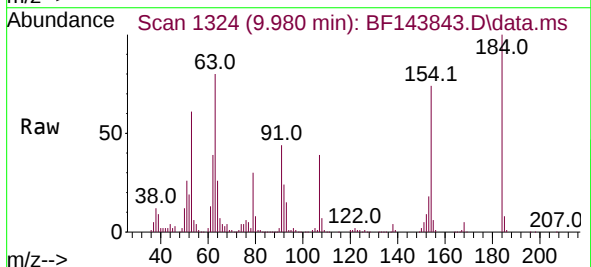
Manual Integrations
APPROVED

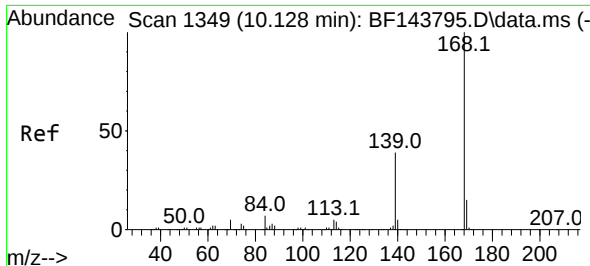
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025



#54
2,4-Dinitrophenol
Concen: 90.863 ng
RT: 9.980 min Scan# 1324
Delta R.T. 0.005 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

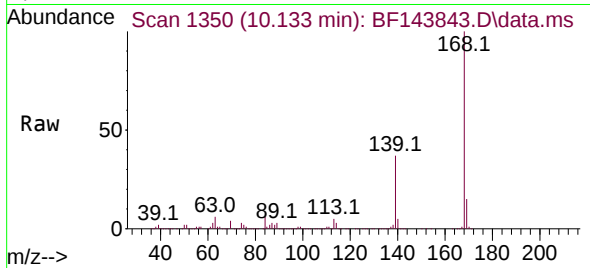
Tgt Ion:184 Resp: 111005
Ion Ratio Lower Upper
184 100
63 79.5 84.6 127.0#
154 73.7 199.3 298.9#





#55
Dibenzofuran
Concen: 53.674 ng
RT: 10.133 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

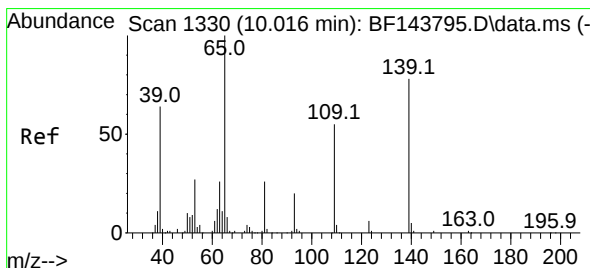
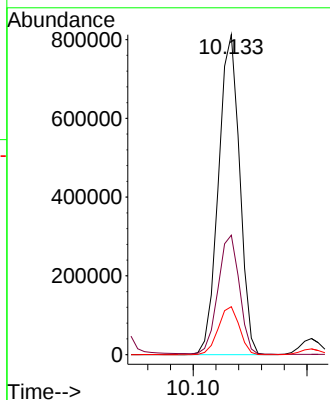
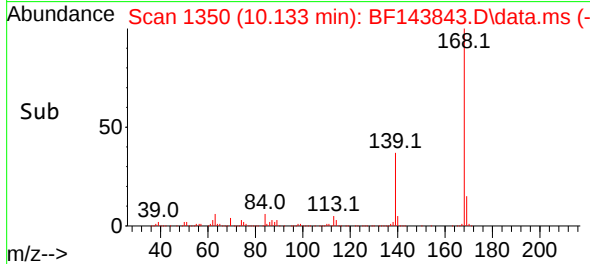
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



Tgt Ion:168 Resp: 105098
Ion Ratio Lower Upper
168 100
139 37.3 31.0 46.6
169 15.0 11.9 17.9

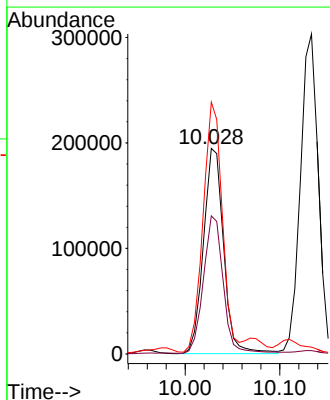
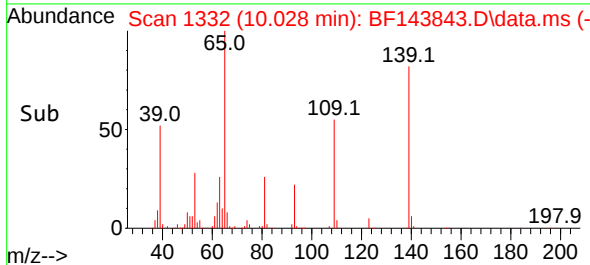
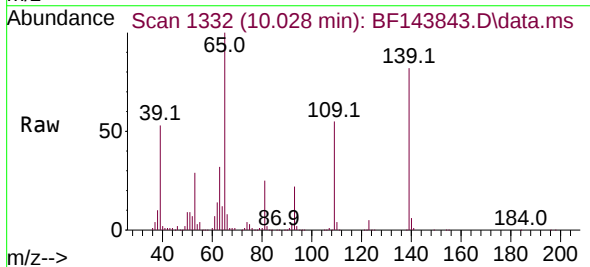
Manual Integrations
APPROVED

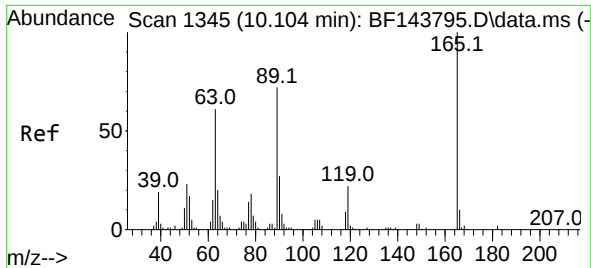
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025



#56
4-Nitrophenol
Concen: 112.491 ng
RT: 10.028 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

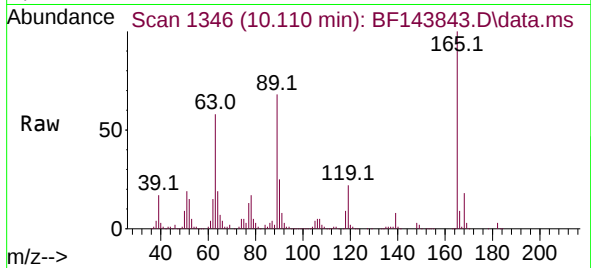
Tgt Ion:139 Resp: 288640
Ion Ratio Lower Upper
139 100
109 67.2 50.2 90.2
65 122.5 109.2 149.2





#57
2,4-Dinitrotoluene
Concen: 63.468 ng
RT: 10.110 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

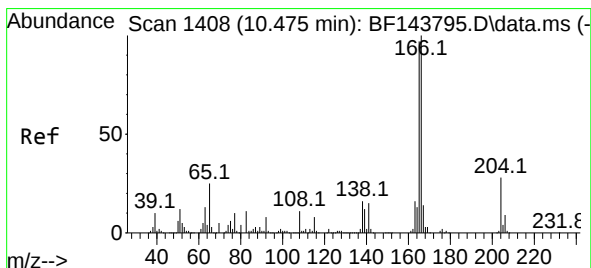
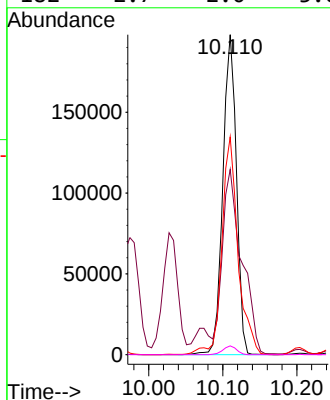
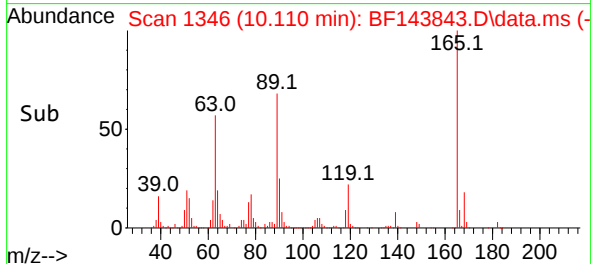
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



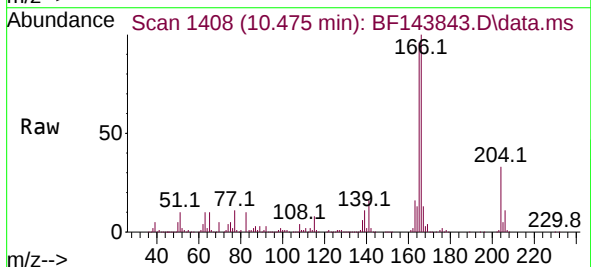
Tgt Ion:165 Resp: 251375
Ion Ratio Lower Upper
165 100
63 57.9 48.9 73.3
89 68.0 57.5 86.3
182 2.7 2.0 3.0

Manual Integrations
APPROVED

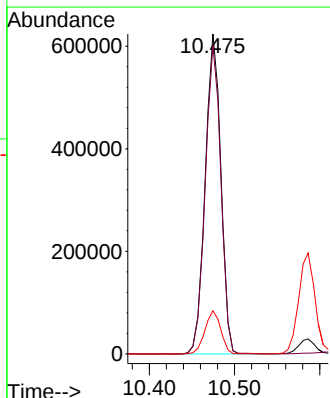
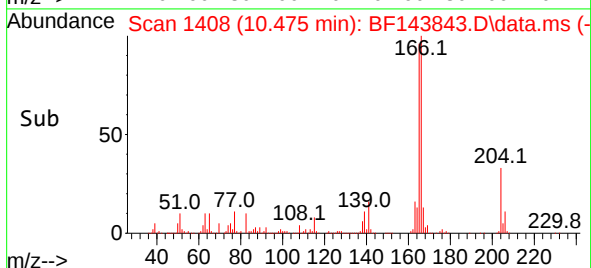
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025

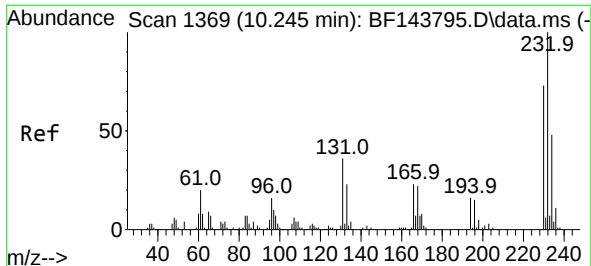


#58
Fluorene
Concen: 54.659 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03



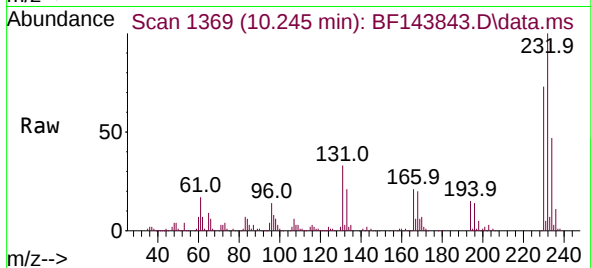
Tgt Ion:166 Resp: 795662
Ion Ratio Lower Upper
166 100
165 96.3 78.0 117.0
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 68.775 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

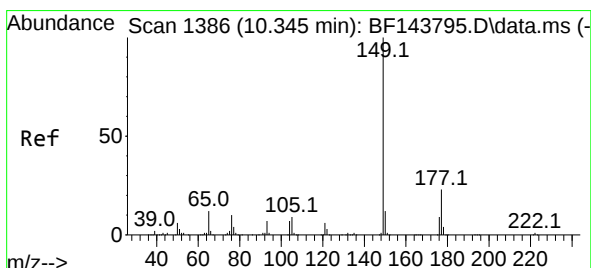
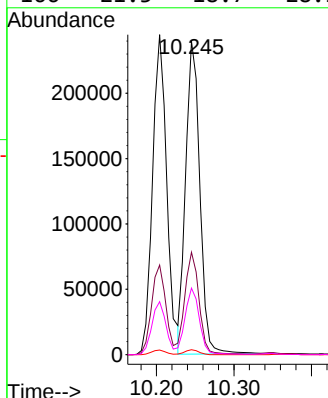
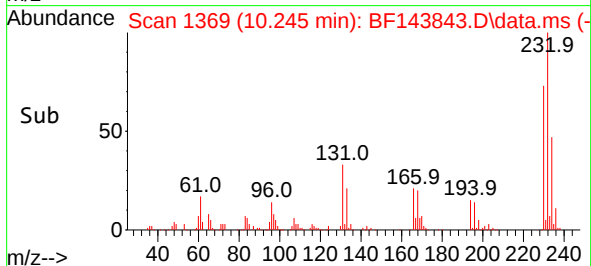
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



Tgt Ion:232 Resp: 305482
Ion Ratio Lower Upper
232 100
131 32.7 29.4 44.2
130 1.5 1.3 1.9
166 21.3 18.7 28.1

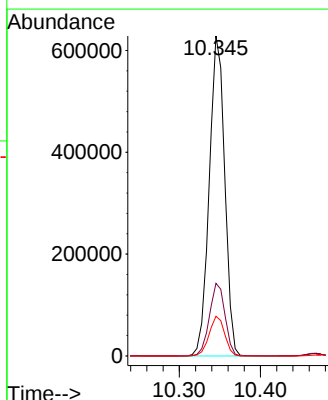
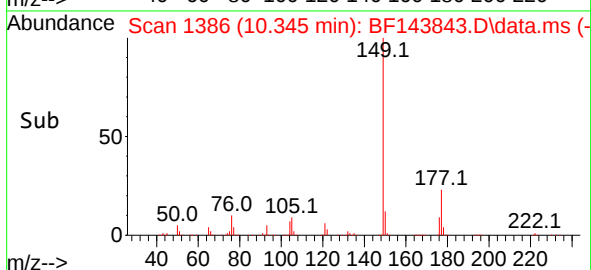
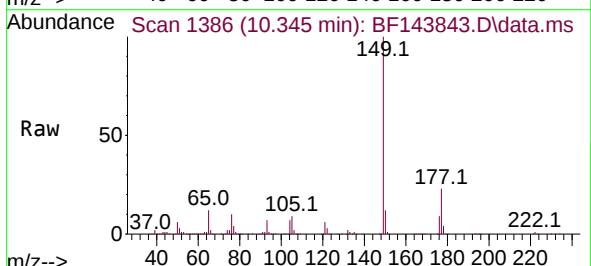
Manual Integrations
APPROVED

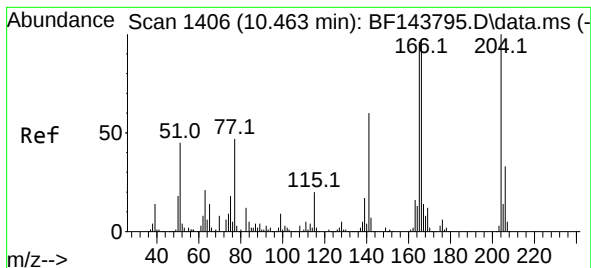
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025



#60
Diethylphthalate
Concen: 55.600 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

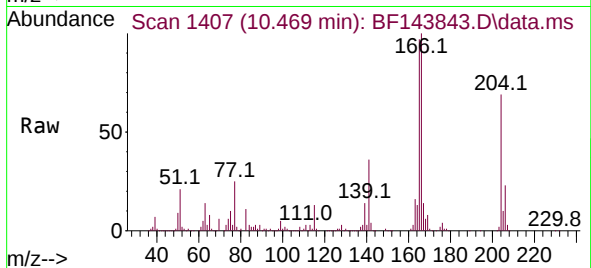
Tgt Ion:149 Resp: 832153
Ion Ratio Lower Upper
149 100
177 22.7 18.1 27.1
150 12.4 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 55.756 ng
RT: 10.469 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

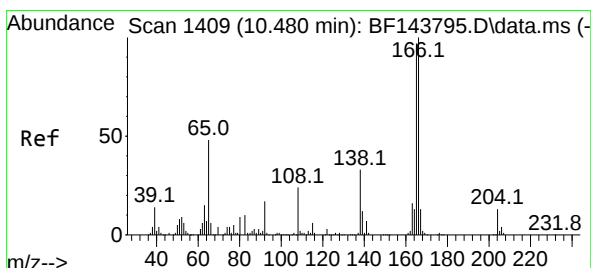
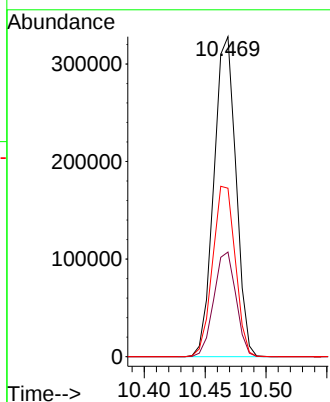
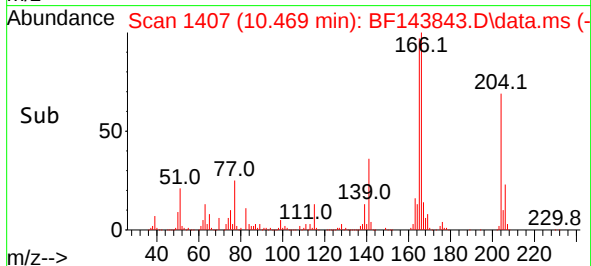
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



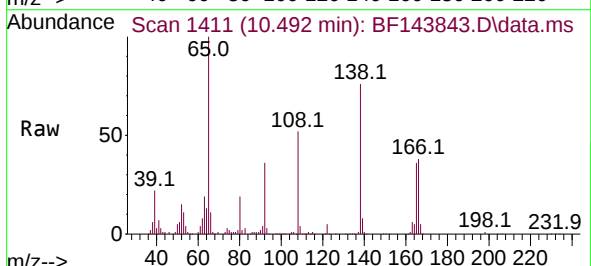
Tgt Ion:204 Resp: 413554
Ion Ratio Lower Upper
204 100
206 32.7 26.7 40.1
141 52.6 48.2 72.2

Manual Integrations
APPROVED

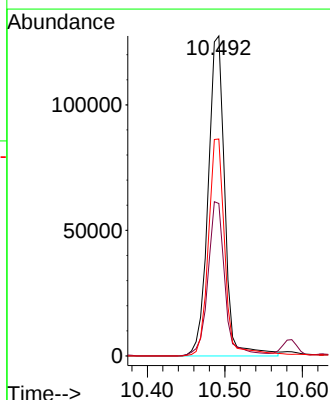
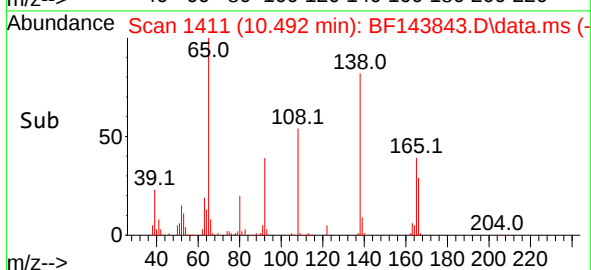
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025

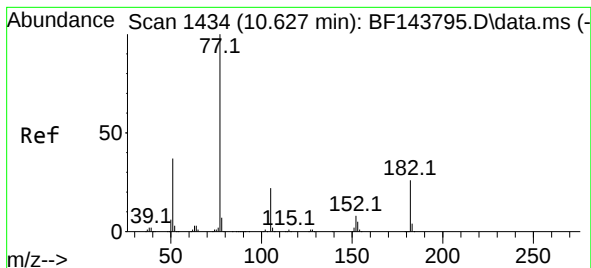


#62
4-Nitroaniline
Concen: 63.607 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03



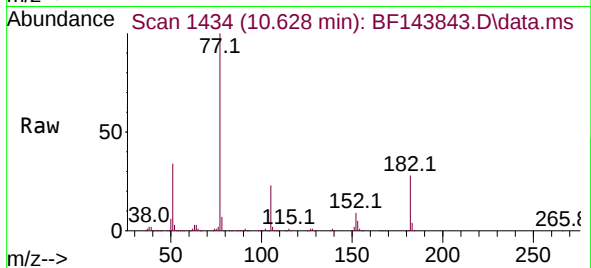
Tgt Ion:138 Resp: 190437
Ion Ratio Lower Upper
138 100
92 47.6 31.5 71.5
108 67.8 51.9 91.9





#63
Azobenzene
Concen: 53.066 ng
RT: 10.628 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

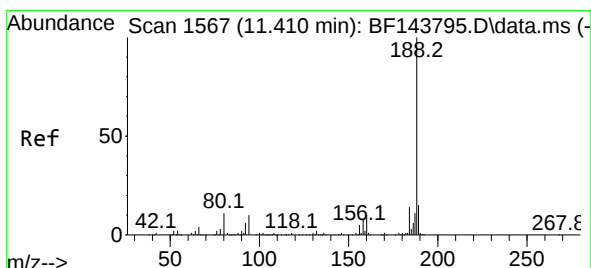
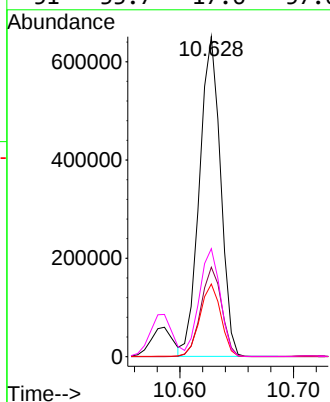
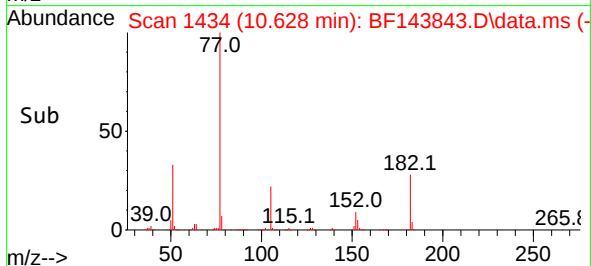
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



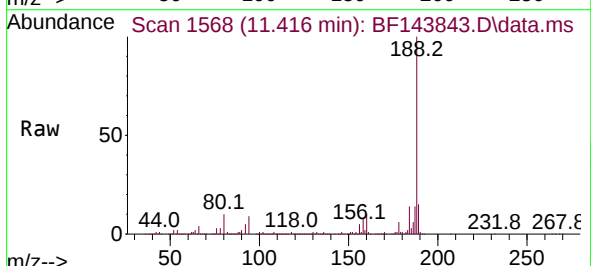
Tgt Ion: 77 Resp: 837034
Ion Ratio Lower Upper
77 100
182 27.9 5.9 45.9
105 22.7 2.3 42.3
51 33.7 17.6 57.6

Manual Integrations
APPROVED

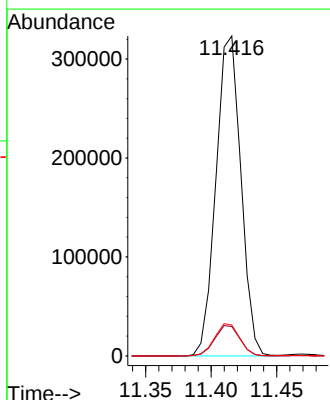
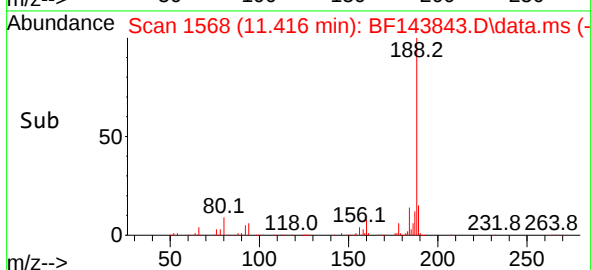
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025

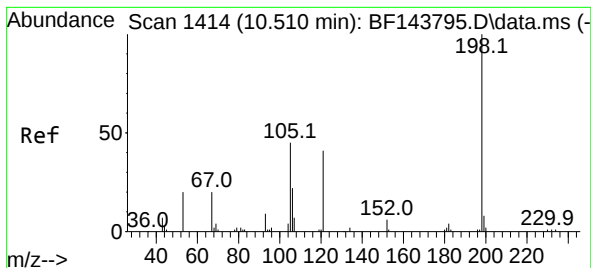


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03



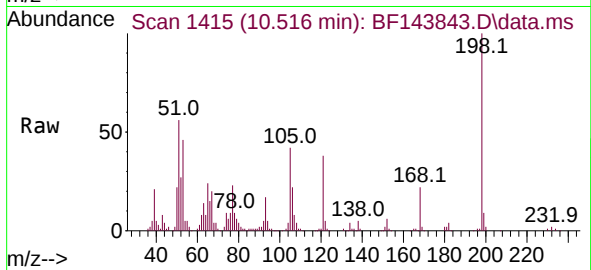
Tgt Ion:188 Resp: 428464
Ion Ratio Lower Upper
188 100
94 9.2 8.2 12.2
80 9.6 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 57.740 ng
RT: 10.516 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

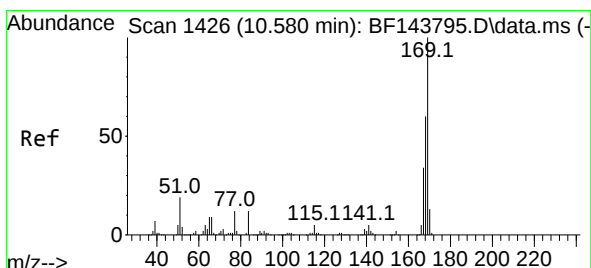
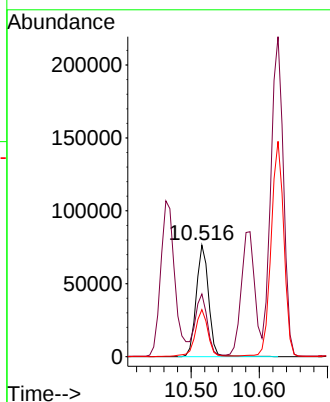
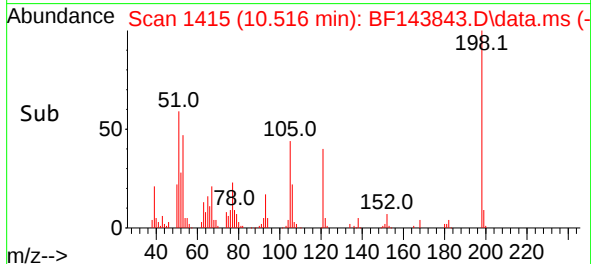
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



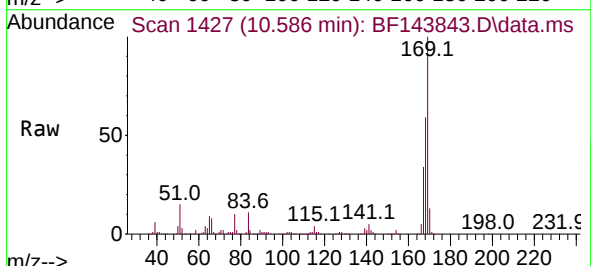
Tgt Ion:198 Resp: 95919
Ion Ratio Lower Upper
198 100
51 56.3 52.0 92.0
105 42.1 27.5 67.5

Manual Integrations
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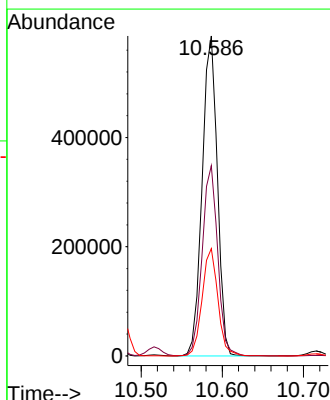
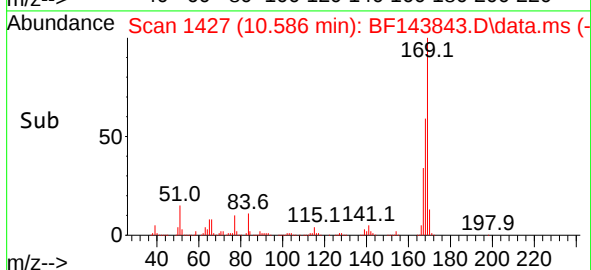
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025

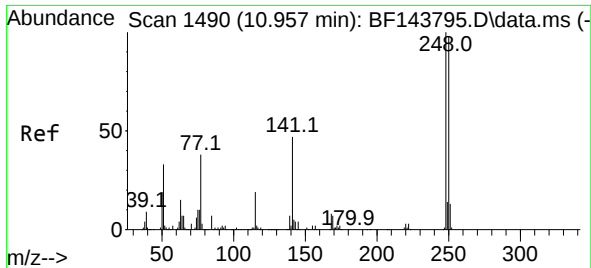


#66
n-Nitrosodiphenylamine
Concen: 54.230 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03



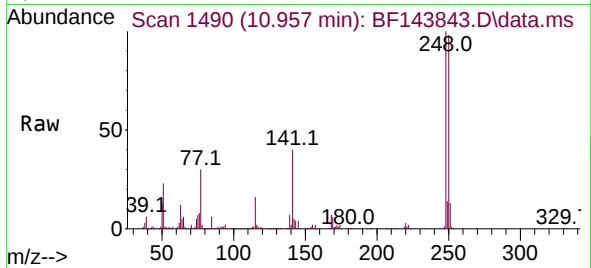
Tgt Ion:169 Resp: 764142
Ion Ratio Lower Upper
169 100
168 59.4 47.9 71.9
167 33.6 27.0 40.6





#67
4-Bromophenyl-phenylether
Concen: 60.216 ng
RT: 10.957 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

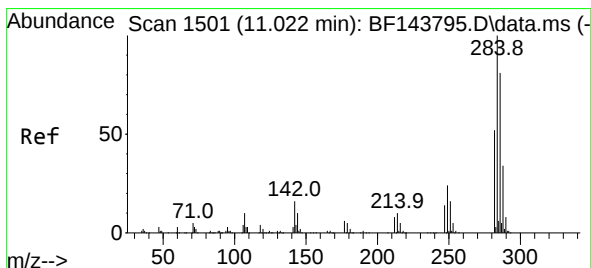
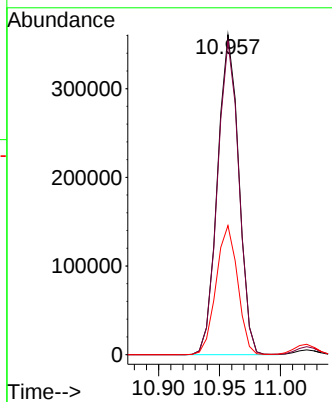
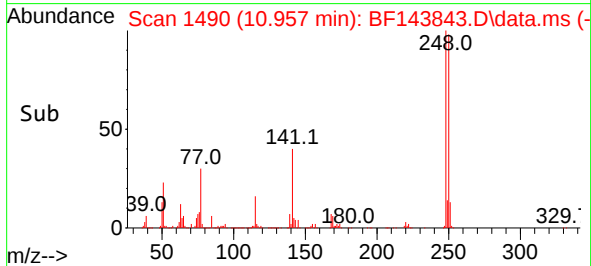
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



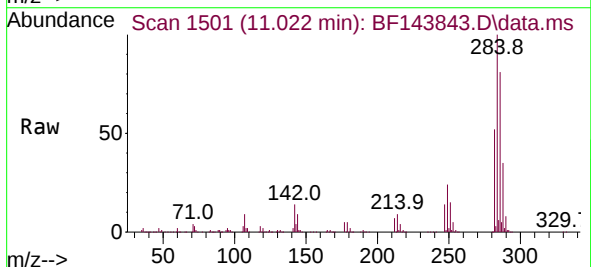
Tgt Ion:248 Resp: 439683
Ion Ratio Lower Upper
248 100
250 97.9 78.7 118.1
141 40.3 37.9 56.9

Manual Integrations
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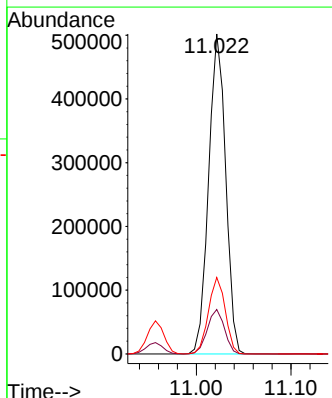
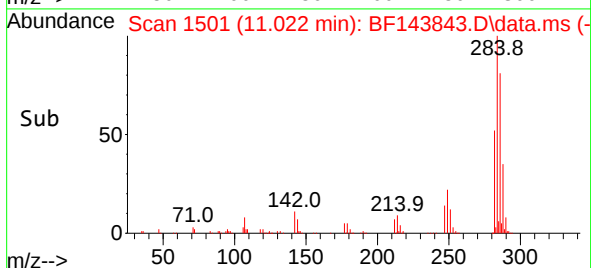
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025

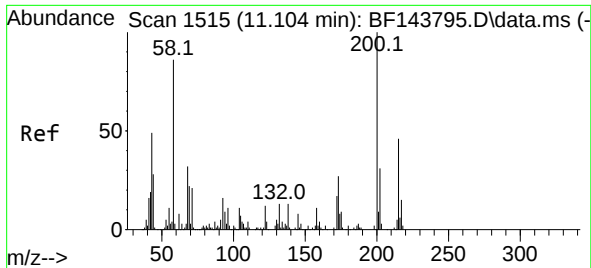


#68
Hexachlorobenzene
Concen: 62.396 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03



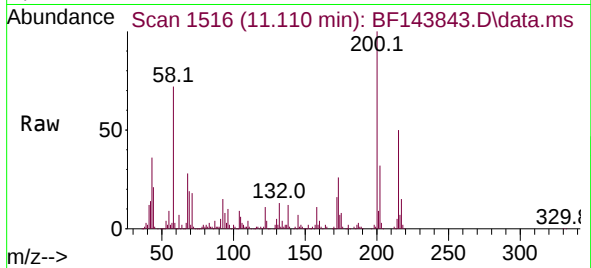
Tgt Ion:284 Resp: 627865
Ion Ratio Lower Upper
284 100
142 13.9 13.1 19.7
249 23.9 19.5 29.3





#69
 Atrazine
 Concen: 57.976 ng
 RT: 11.110 min Scan# 1515
 Delta R.T. 0.000 min
 Lab File: BF143843.D
 Acq: 30 Sep 2025 20:03

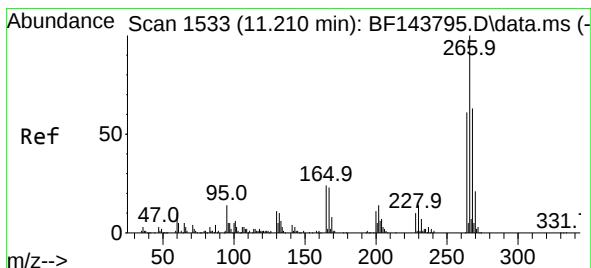
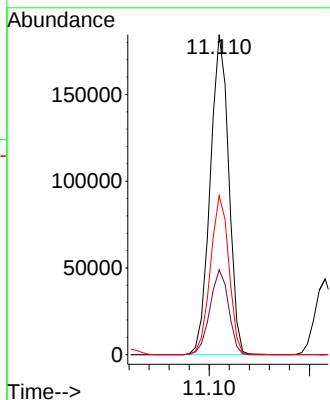
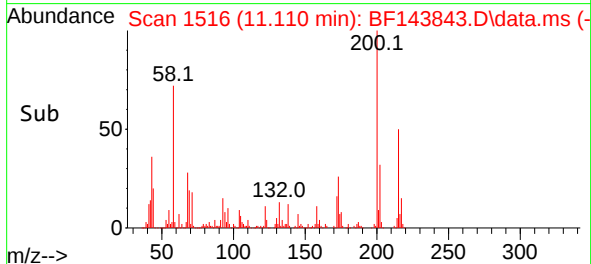
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD



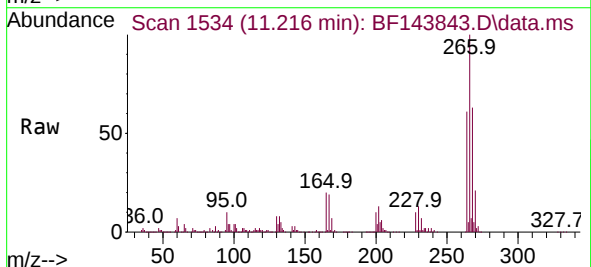
Tgt Ion:200 Resp: 236562
 Ion Ratio Lower Upper
 200 100
 173 26.5 7.2 47.2
 215 49.7 26.0 66.0

Manual Integrations
 APPROVED

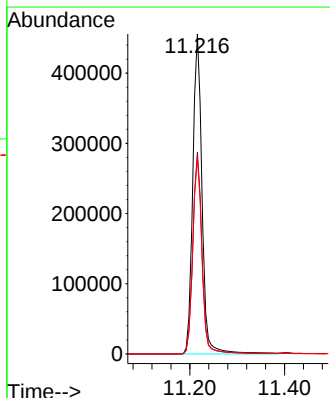
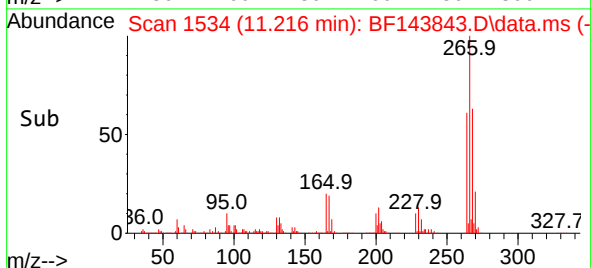
Reviewed By :Rahul Chavli 10/01/2025
 Supervised By :Jagrut Upadhyay 10/01/2025

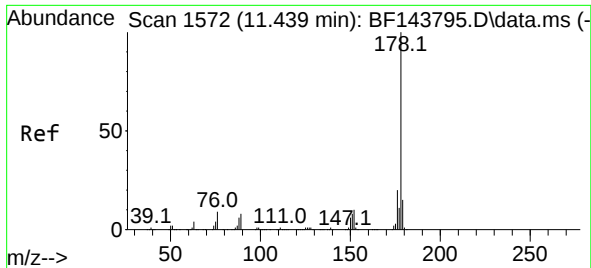


#70
 Pentachlorophenol
 Concen: 123.699 ng
 RT: 11.216 min Scan# 1534
 Delta R.T. 0.000 min
 Lab File: BF143843.D
 Acq: 30 Sep 2025 20:03



Tgt Ion:266 Resp: 619597
 Ion Ratio Lower Upper
 266 100
 268 63.0 50.5 75.7
 264 61.5 48.8 73.2





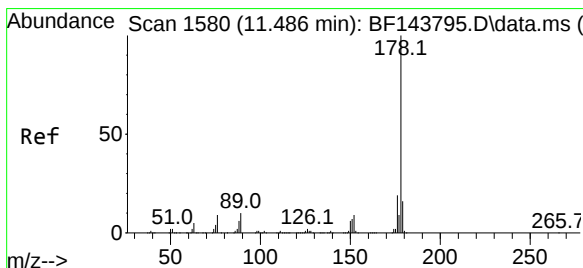
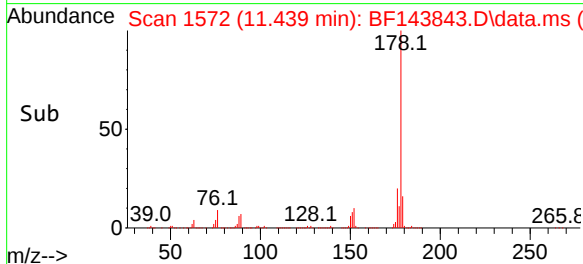
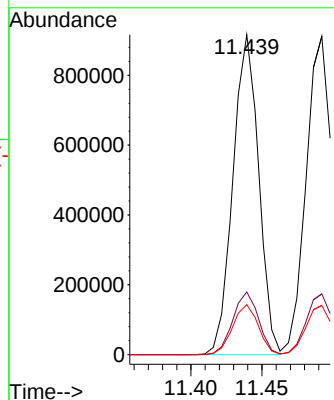
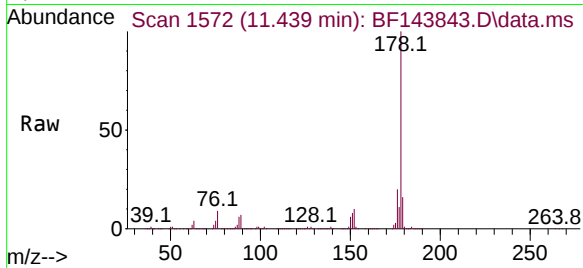
#71
Phenanthrene
Concen: 52.445 ng
RT: 11.439 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion:178 Resp: 1153640
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.6 12.2 18.4

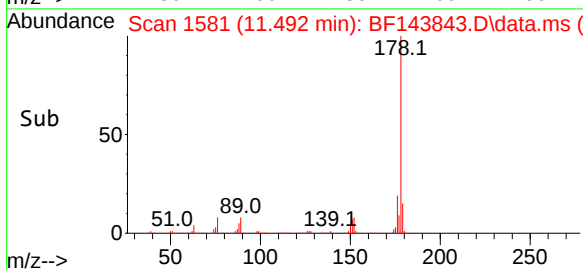
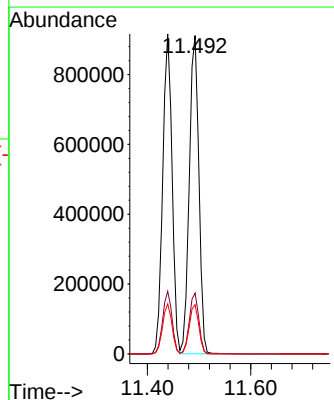
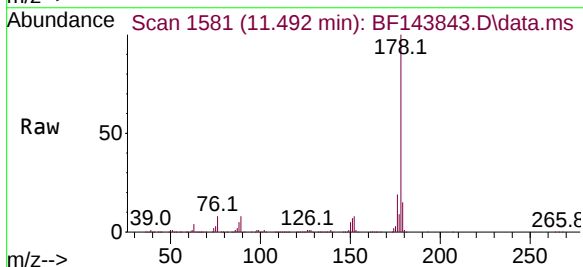
Manual Integrations
APPROVED

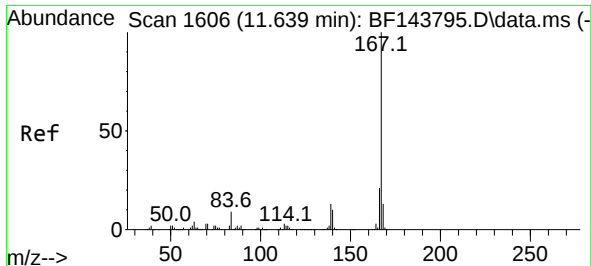
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025



#72
Anthracene
Concen: 53.089 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

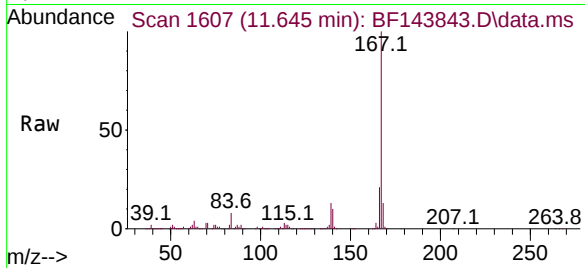
Tgt Ion:178 Resp: 1171401
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.5 12.8 19.2





#73
Carbazole
Concen: 52.519 ng
RT: 11.645 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

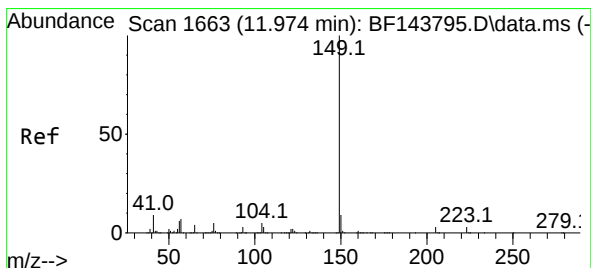
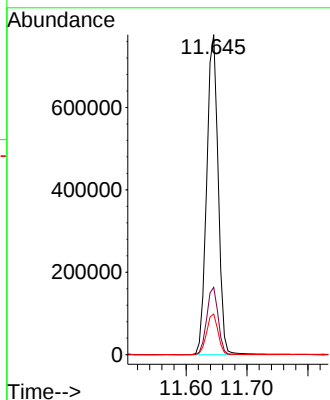
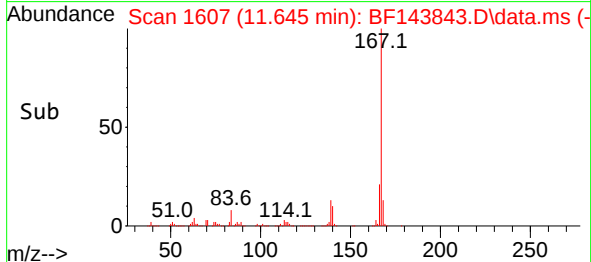
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



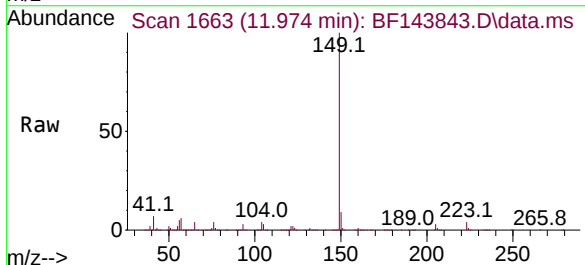
Tgt Ion:167 Resp: 1013194
Ion Ratio Lower Upper
167 100
166 21.1 17.0 25.4
139 12.7 10.6 15.8

Manual Integrations
APPROVED

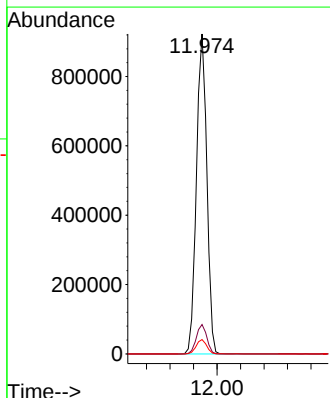
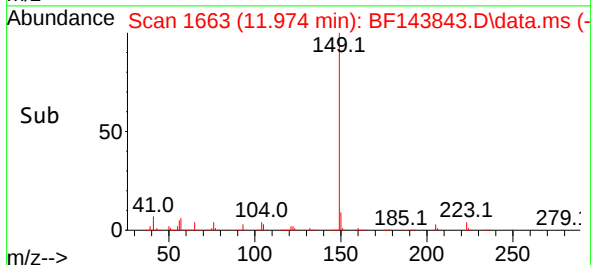
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025

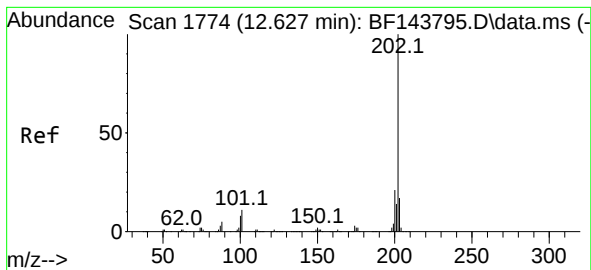


#74
Di-n-butylphthalate
Concen: 51.108 ng
RT: 11.974 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03



Tgt Ion:149 Resp: 1133956
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.5 3.6 5.4





#75

Fluoranthene

Concen: 51.232 ng

RT: 12.627 min Scan# 1774

Delta R.T. 0.000 min

Lab File: BF143843.D

Acq: 30 Sep 2025 20:03

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion:202 Resp: 1133469

Ion Ratio Lower Upper

202 100

101 10.1 0.0 31.1

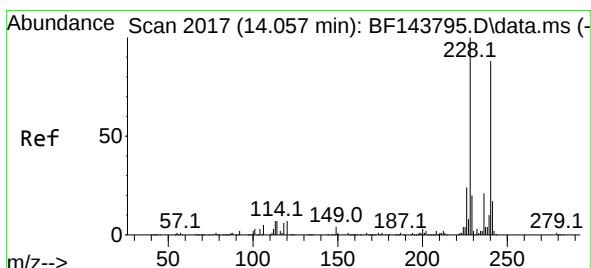
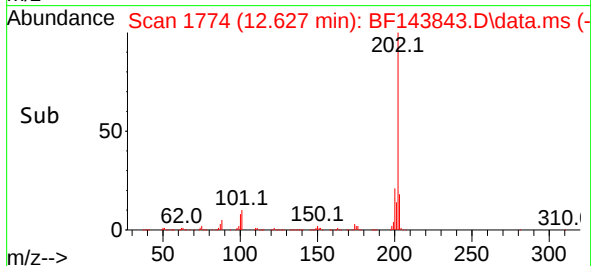
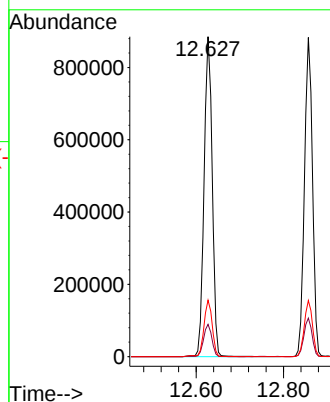
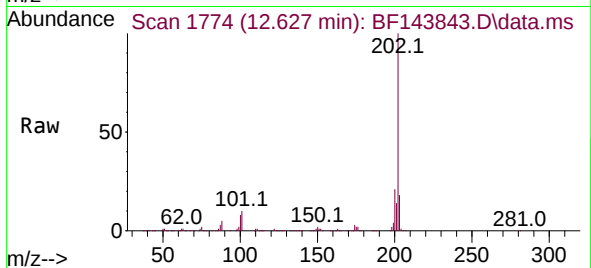
203 17.6 0.0 37.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/01/2025

Supervised By :Jagrut Upadhyay 10/01/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF143843.D

Acq: 30 Sep 2025 20:03

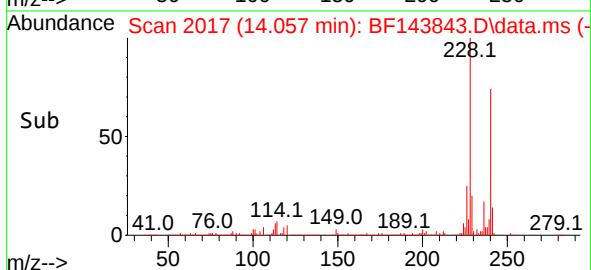
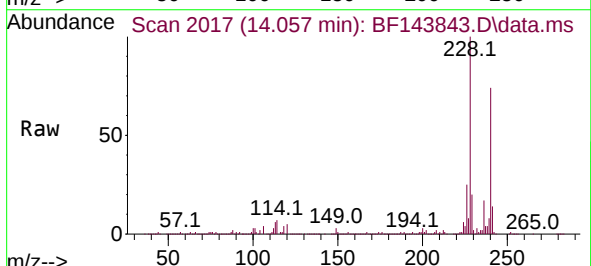
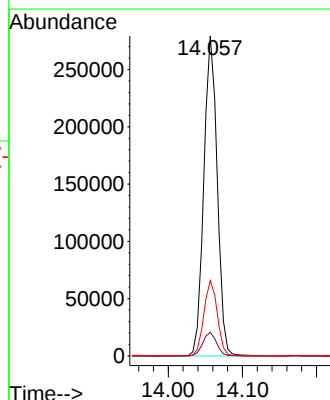
Tgt Ion:240 Resp: 349721

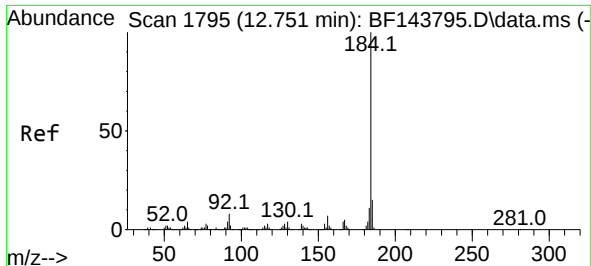
Ion Ratio Lower Upper

240 100

120 7.4 6.2 9.4

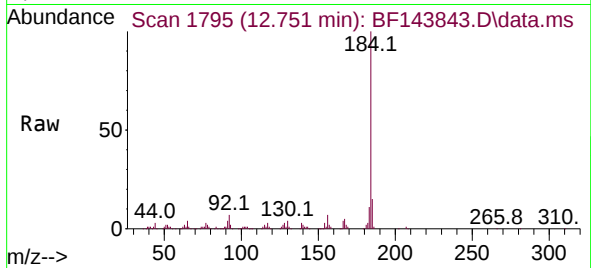
236 23.6 19.4 29.2





#77
Benzidine
Concen: 21.371 ng
RT: 12.751 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

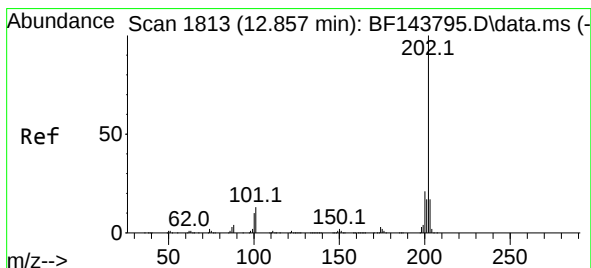
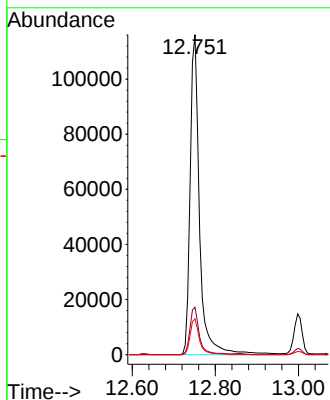
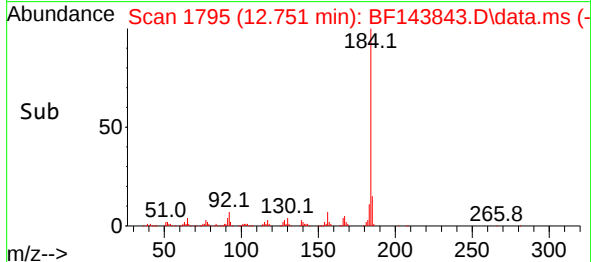
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



Tgt Ion:184 Resp: 182119
Ion Ratio Lower Upper
184 100
185 14.8 11.6 17.4
183 11.2 8.6 13.0

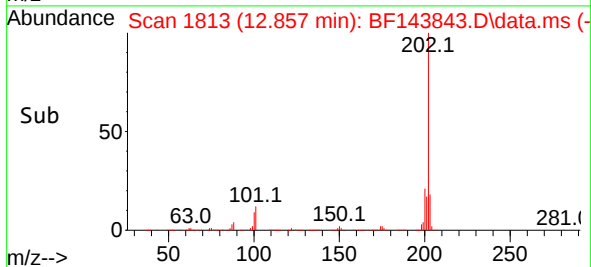
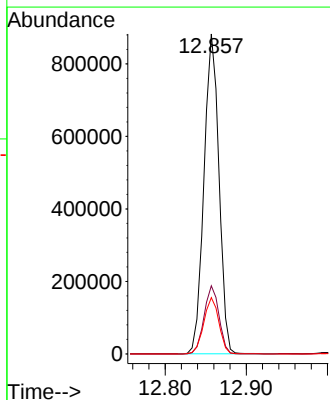
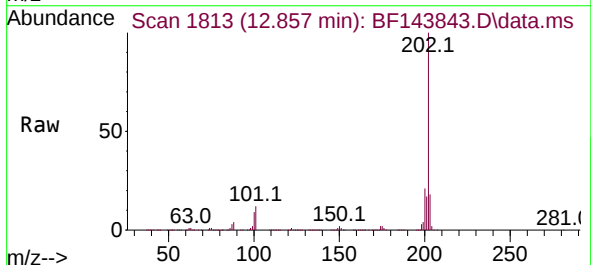
Manual Integrations
APPROVED

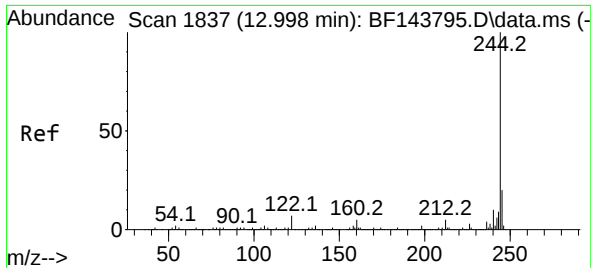
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025



#78
Pyrene
Concen: 65.869 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

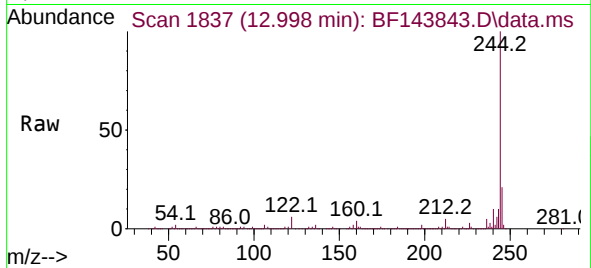
Tgt Ion:202 Resp: 1132536
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 17.6 13.9 20.9





#79
 Terphenyl-d14
 Concen: 132.379 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF143843.D
 Acq: 30 Sep 2025 20:03

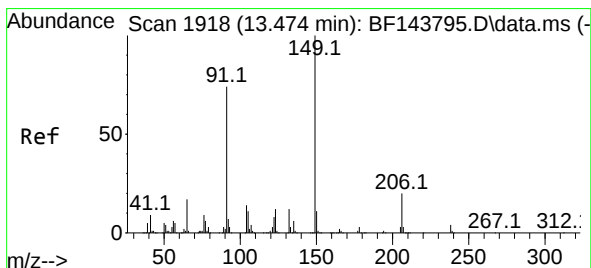
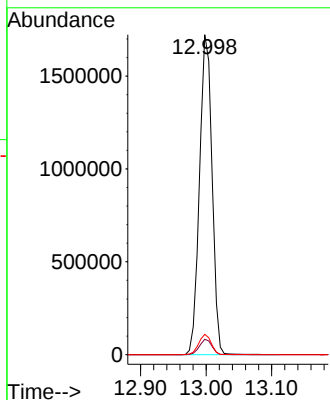
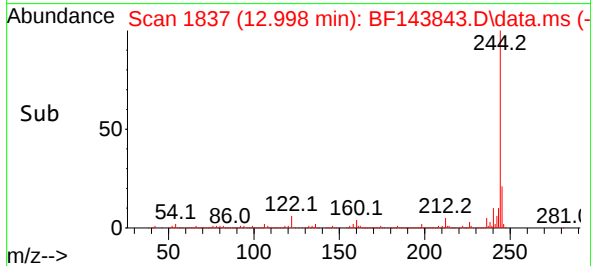
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD



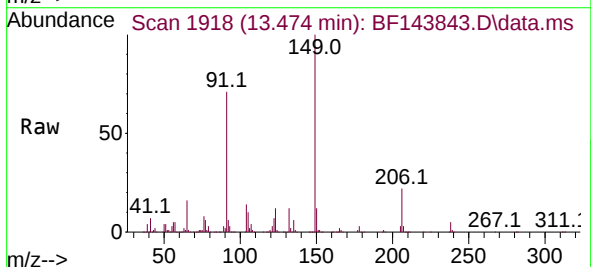
Tgt Ion:244 Resp: 2276373
 Ion Ratio Lower Upper
 244 100
 212 4.8 3.9 5.9
 122 6.3 5.6 8.4

Manual Integrations
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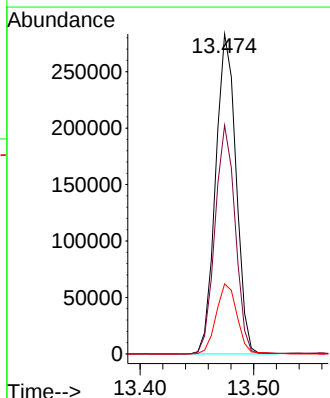
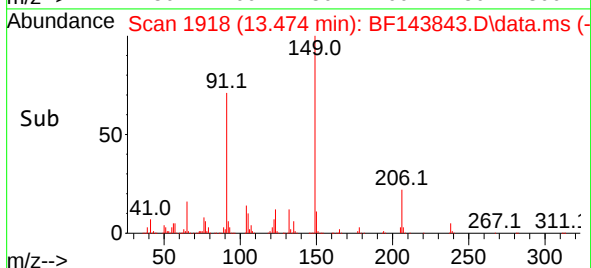
Reviewed By :Rahul Chavli 10/01/2025
 Supervised By :Jagrut Upadhyay 10/01/2025

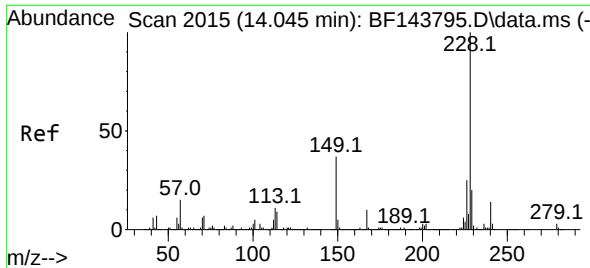


#80
 Butylbenzylphthalate
 Concen: 59.557 ng
 RT: 13.474 min Scan# 1918
 Delta R.T. -0.006 min
 Lab File: BF143843.D
 Acq: 30 Sep 2025 20:03



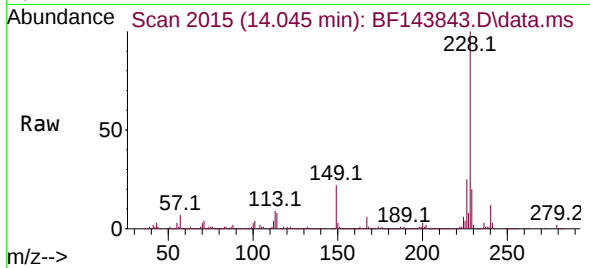
Tgt Ion:149 Resp: 354277
 Ion Ratio Lower Upper
 149 100
 91 71.4 59.5 89.3
 206 21.9 16.1 24.1





#81
Benzo(a)anthracene
Concen: 54.920 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

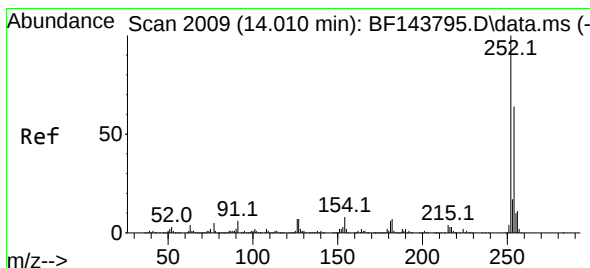
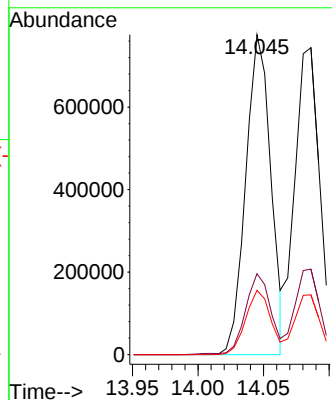
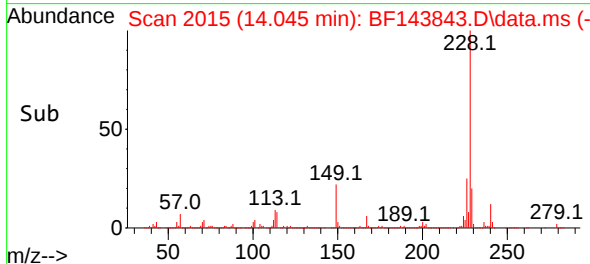
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



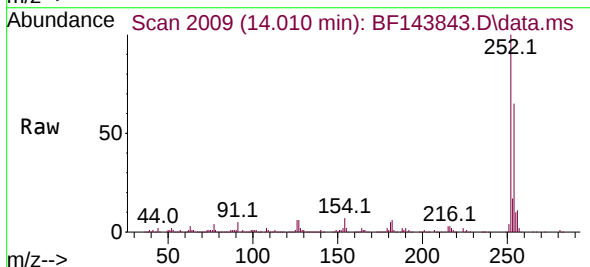
Tgt Ion:228 Resp: 1031815
Ion Ratio Lower Upper
228 100
226 25.3 20.2 30.2
229 20.1 16.1 24.1

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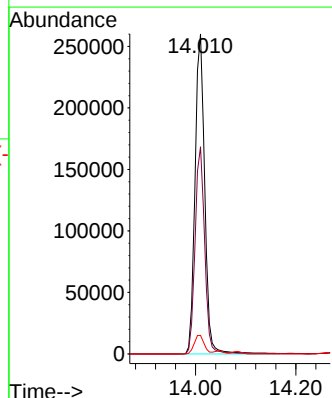
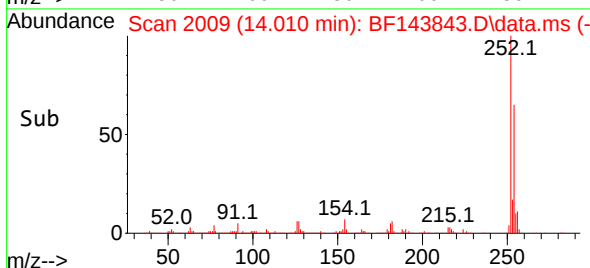
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025

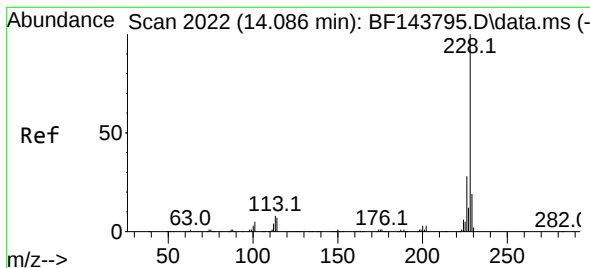


#82
3,3'-Dichlorobenzidine
Concen: 42.716 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03



Tgt Ion:252 Resp: 347675
Ion Ratio Lower Upper
252 100
254 64.7 51.5 77.3
126 5.8 5.4 8.2





#83

Chrysene

Concen: 58.066 ng

RT: 14.086 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF143843.D

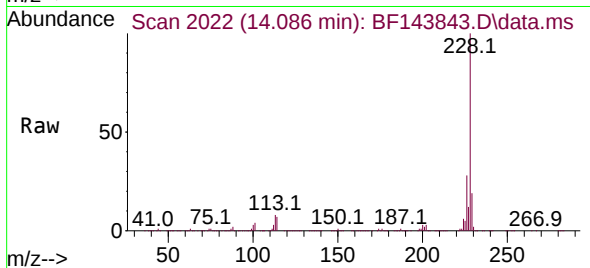
Acq: 30 Sep 2025 20:03

Instrument :

BNA_F

ClientSampleId :

WC-1MSD



Tgt Ion:228 Resp: 987140

Ion Ratio Lower Upper

228 100

226 27.9 22.6 33.8

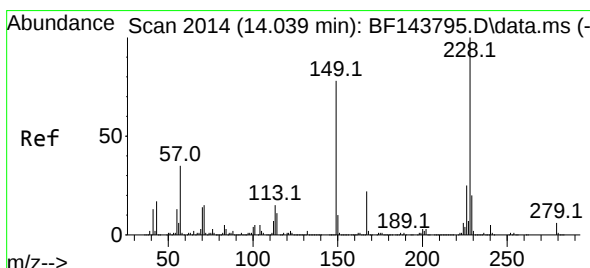
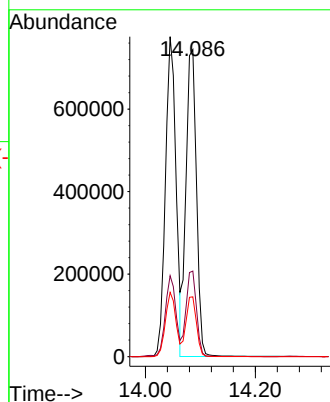
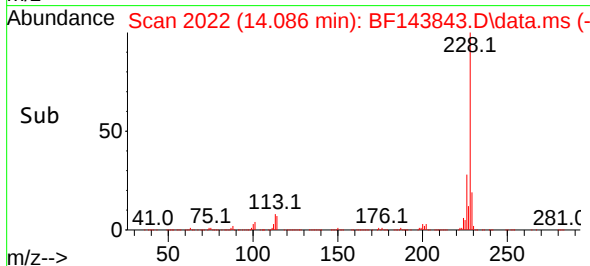
229 19.5 15.6 23.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/01/2025

Supervised By :Jagrut Upadhyay 10/01/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.784 ng

RT: 14.033 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF143843.D

Acq: 30 Sep 2025 20:03

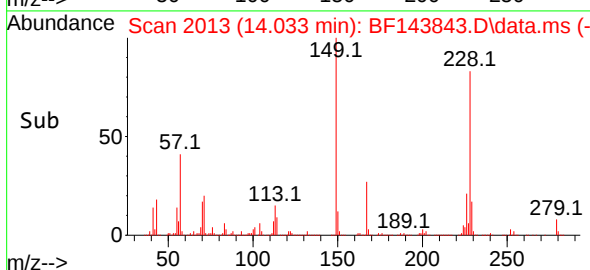
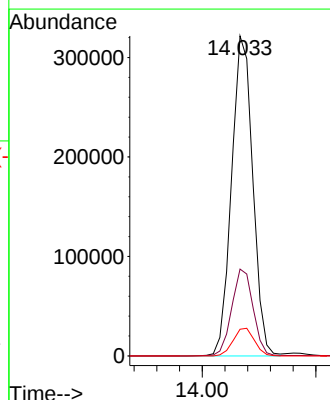
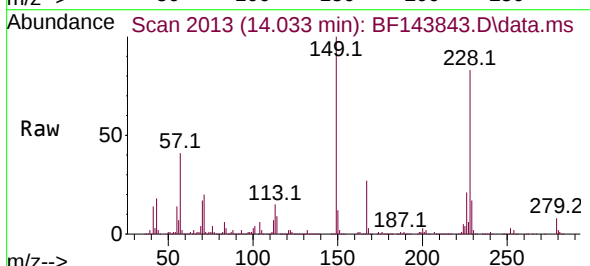
Tgt Ion:149 Resp: 416645

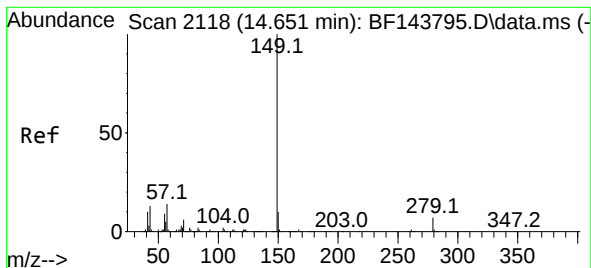
Ion Ratio Lower Upper

149 100

167 27.1 22.2 33.2

279 8.3 6.0 9.0





#85

Di-n-octyl phthalate

Concen: 44.274 ng

RT: 14.651 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BF143843.D

Acq: 30 Sep 2025 20:03

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion:149 Resp: 70025

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

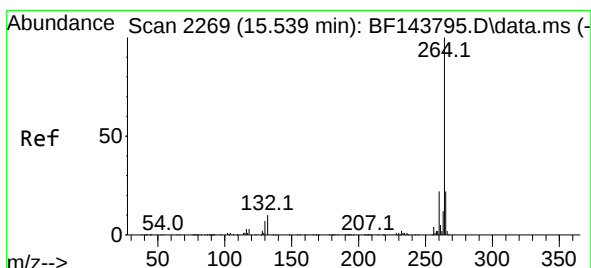
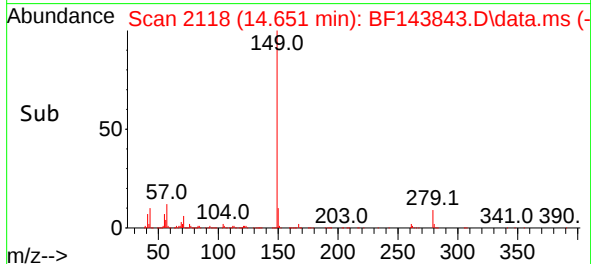
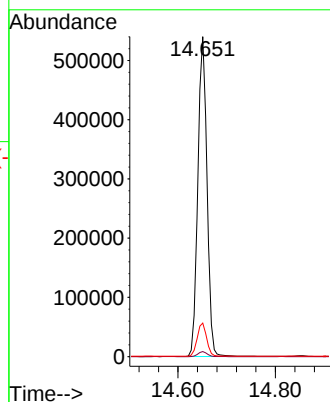
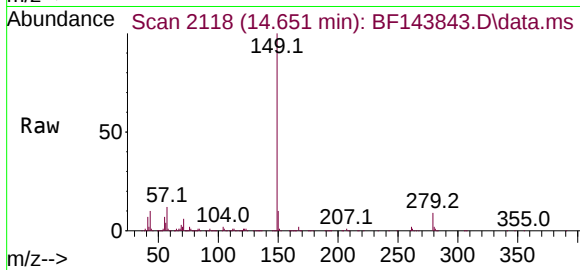
43 10.6 10.7 16.1

Manual Integrations

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Reviewed By :Rahul Chavli 10/01/2025

Supervised By :Jagrut Upadhyay 10/01/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2268

Delta R.T. -0.006 min

Lab File: BF143843.D

Acq: 30 Sep 2025 20:03

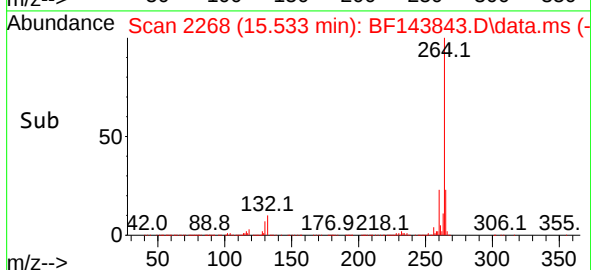
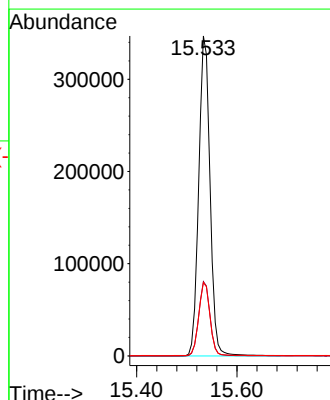
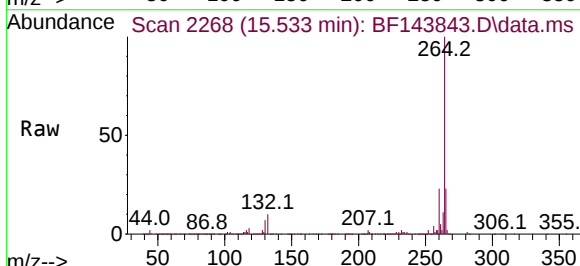
Tgt Ion:264 Resp: 541802

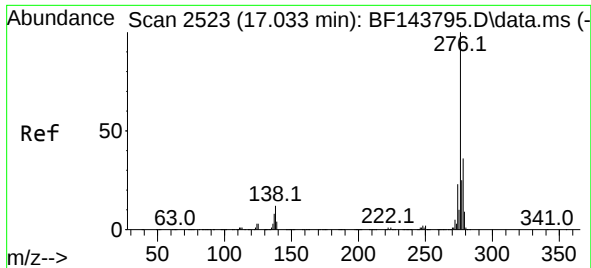
Ion Ratio Lower Upper

264 100

260 23.2 17.9 26.9

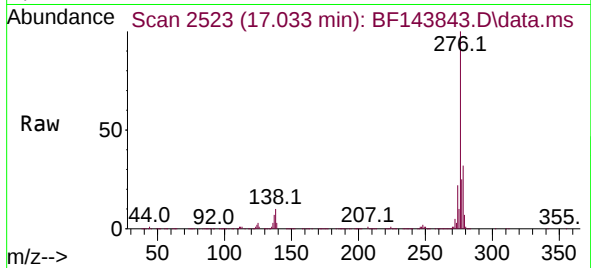
265 22.9 17.7 26.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 61.124 ng
RT: 17.033 min Scan# 2523
Delta R.T. -0.012 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

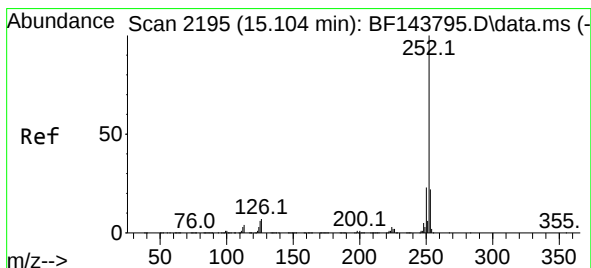
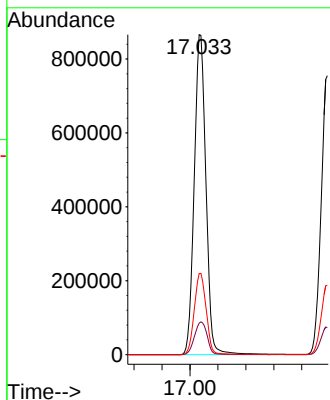
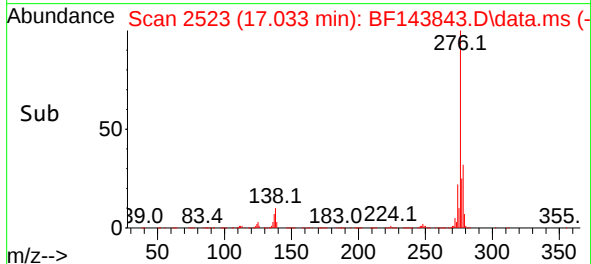
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



Tgt Ion: 276 Resp: 2512746
Ion Ratio Lower Upper
276 100
138 11.0 10.6 15.8
277 25.9 20.7 31.1

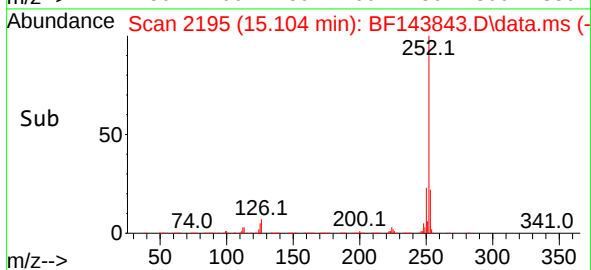
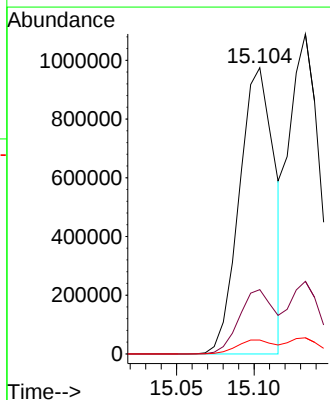
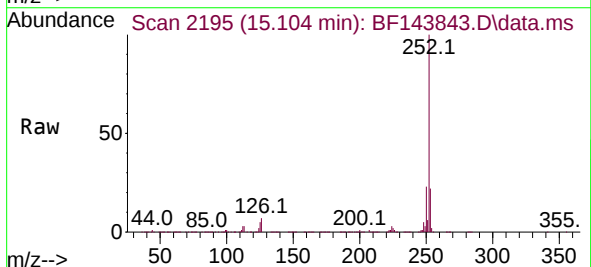
Manual Integrations
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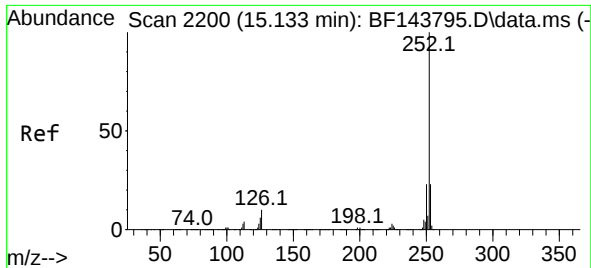
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025



#88
Benzo(b)fluoranthene
Concen: 55.465 ng
RT: 15.104 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

Tgt Ion: 252 Resp: 1530332
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 4.8 4.4 6.6





#89

Benzo(k)fluoranthene

Concen: 54.577 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.006 min

Lab File: BF143843.D

Acq: 30 Sep 2025 20:03

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion:252 Resp: 1512884

Ion Ratio Lower Upper

252 100

253 22.7 17.9 26.9

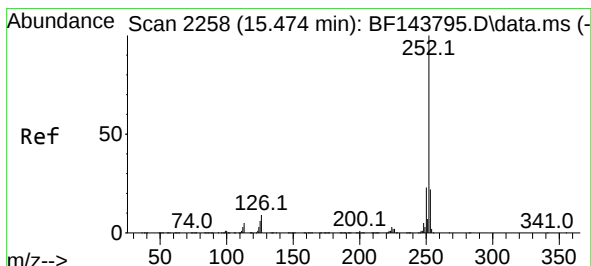
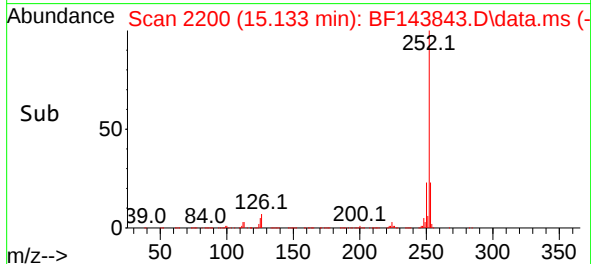
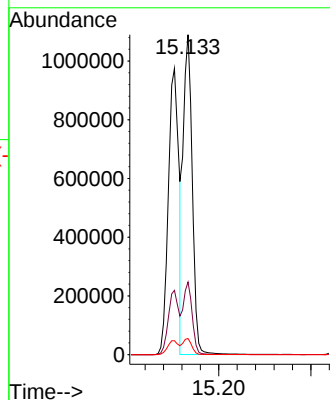
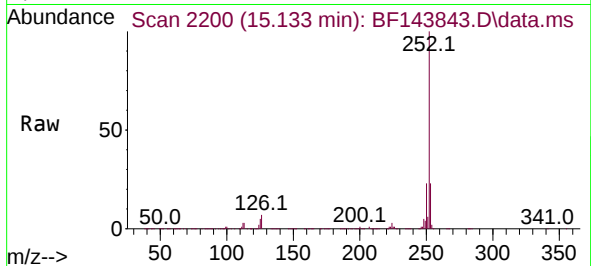
125 5.0 4.6 6.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/01/2025

Supervised By :Jagrut Upadhyay 10/01/2025



#90

Benzo(a)pyrene

Concen: 59.048 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF143843.D

Acq: 30 Sep 2025 20:03

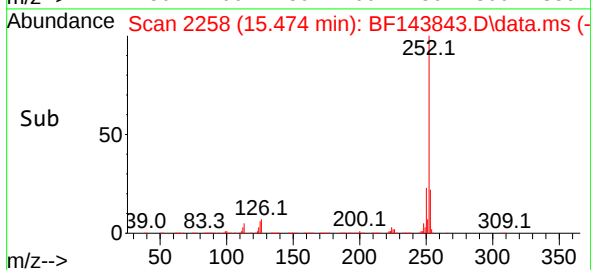
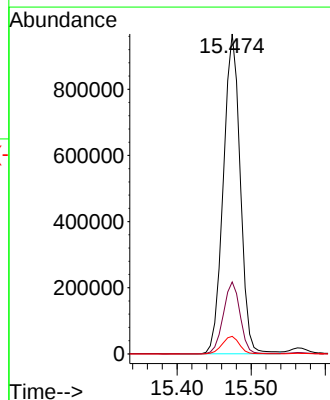
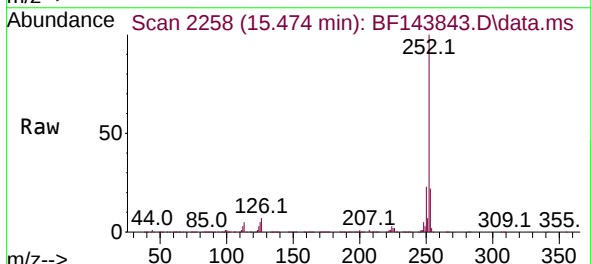
Tgt Ion:252 Resp: 1531434

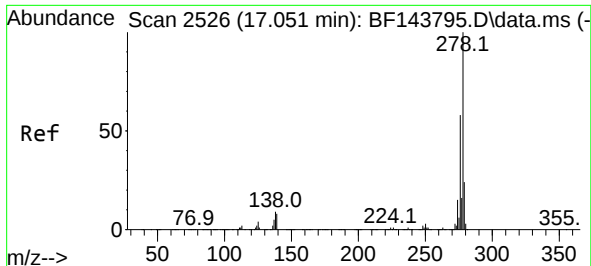
Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

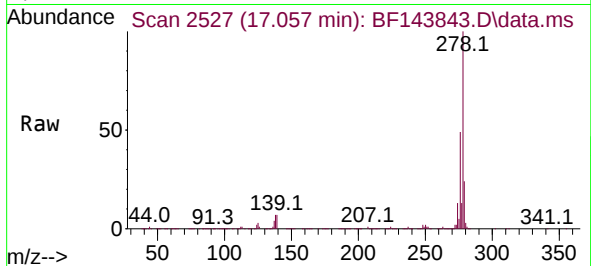
125 5.5 5.0 7.4





#91
Dibenzo(a,h)anthracene
Concen: 61.585 ng
RT: 17.057 min Scan# 2526
Delta R.T. -0.012 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

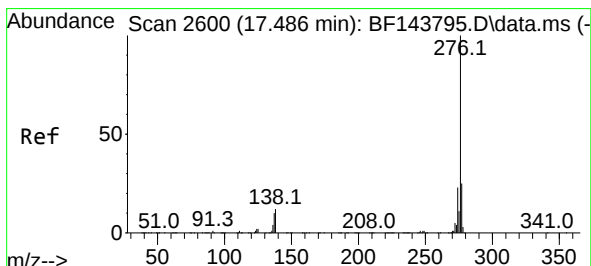
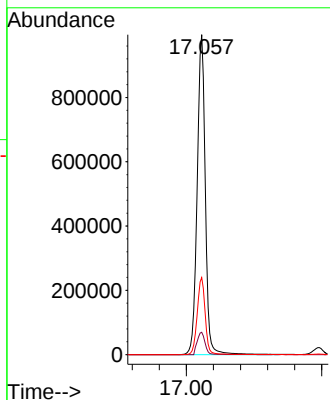
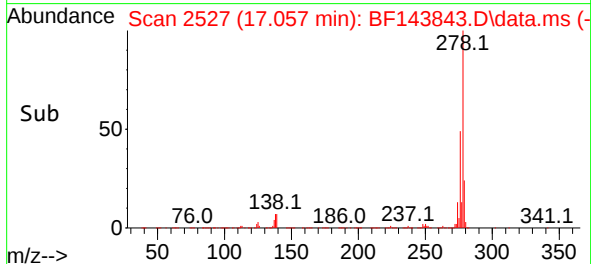
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



Tgt Ion:278 Resp: 2070670
Ion Ratio Lower Upper
278 100
139 7.0 6.7 10.1
279 24.1 19.3 28.9

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/01/2025
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#92
Benzo(g,h,i)perylene
Concen: 62.449 ng
RT: 17.492 min Scan# 2601
Delta R.T. -0.012 min
Lab File: BF143843.D
Acq: 30 Sep 2025 20:03

Tgt Ion:276 Resp: 2024075
Ion Ratio Lower Upper
276 100
277 24.9 19.6 29.4
138 9.7 9.2 13.8

