

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093025\
 Data File : BF143832.D
 Acq On : 30 Sep 2025 14:34
 Operator : RC/JU
 Sample : PB169880BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169880BS

Manual Integrations
 APPROVED

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

Quant Time: Sep 30 15:00:23 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	6.886	152	176669	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	656314	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	351165	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	557066	20.000	ng	0.00
76) Chrysene-d12	14.057	240	507394	20.000	ng	0.00
86) Perylene-d12	15.539	264	705082	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1179229	108.445	ng	0.01
7) Phenol-d6	6.510	99	1403407	111.699	ng	0.00
23) Nitrobenzene-d5	7.451	82	884218	82.467	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	564679	108.601	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1765547	78.457	ng	0.00
79) Terphenyl-d14	13.004	244	2414733	96.788	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.746	88	183209	35.201	ng	96
3) Pyridine	3.504	79	514208	36.600	ng	91
4) n-Nitrosodimethylamine	3.451	42	269097	38.199	ng	81
6) Aniline	6.551	93	636261	34.892	ng	99
8) 2-Chlorophenol	6.669	128	472145	42.413	ng	99
9) Benzaldehyde	6.439	77	293685	26.692	ng	96
10) Phenol	6.528	94	621312	42.544	ng	97
11) bis(2-Chloroethyl)ether	6.622	93	476285	41.605	ng	99
12) 1,3-Dichlorobenzene	6.828	146	540863	41.846	ng	99
13) 1,4-Dichlorobenzene	6.904	146	546388	42.360	ng	99
14) 1,2-Dichlorobenzene	7.057	146	525218	42.993	ng	99
15) Benzyl Alcohol	7.028	79	425095	46.825	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	991778	36.536	ng	95
17) 2-Methylphenol	7.134	107	378984	43.974	ng	99
18) Hexachloroethane	7.398	117	185474	40.888	ng	96
19) n-Nitroso-di-n-propyla...	7.298	70	346439	42.879	ng	91
20) 3+4-Methylphenols	7.286	107	441729	42.088	ng	# 87
22) Acetophenone	7.298	105	667631	46.315	ng	94
24) Nitrobenzene	7.469	77	515841	43.404	ng	97
25) Isophorone	7.710	82	954071	45.663	ng	98
26) 2-Nitrophenol	7.781	139	242954	49.692	ng	97
27) 2,4-Dimethylphenol	7.816	122	444703	47.619	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	584907	43.088	ng	99
29) 2,4-Dichlorophenol	8.022	162	411379	44.768	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	441169	46.263	ng	100
31) Naphthalene	8.192	128	1309511	41.679	ng	99
32) Benzoic acid	7.933	122	283073	62.825	ng	94
33) 4-Chloroaniline	8.233	127	288229	26.105	ng	99
34) Hexachlorobutadiene	8.310	225	321858	45.275	ng	99
35) Caprolactam	8.604	113	122936m	52.342	ng	
36) 4-Chloro-3-methylphenol	8.716	107	398398	46.228	ng	99
37) 2-Methylnaphthalene	8.880	142	805789	40.221	ng	100
38) 1-Methylnaphthalene	8.980	142	817017	42.607	ng	98
40) 1,2,4,5-Tetrachloroben...	9.051	216	488569	46.102	ng	99
41) Hexachlorocyclopentadiene	9.039	237	761947	113.446	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	309078	46.577	ng	98

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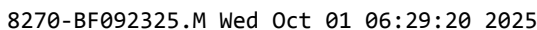
Quant Time: Sep 30 15:00:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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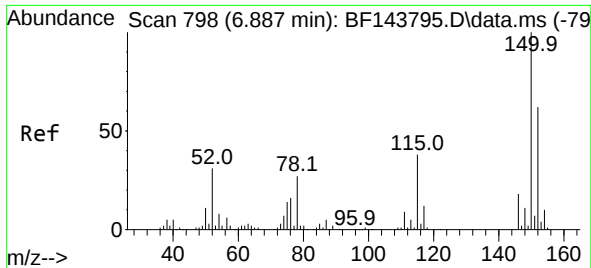
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	321107	46.263	ng	97
46) 1,1'-Biphenyl	9.345	154	1146137	45.088	ng	99
47) 2-Chloronaphthalene	9.375	162	839001	41.003	ng	99
48) 2-Nitroaniline	9.463	65	310613	50.226	ng	99
49) Acenaphthylene	9.792	152	1338221	47.508	ng	99
50) Dimethylphthalate	9.645	163	966787	45.170	ng	100
51) 2,6-Dinitrotoluene	9.710	165	204518	58.158	ng	92
52) Acenaphthene	9.963	154	825025	44.507	ng	100
53) 3-Nitroaniline	9.875	138	151187	35.469	ng	98
54) 2,4-Dinitrophenol	9.980	184	166819	97.461	ng	# 27
55) Dibenzofuran	10.133	168	1122052	42.806	ng	99
56) 4-Nitrophenol	10.033	139	313904	91.386	ng	92
57) 2,4-Dinitrotoluene	10.110	165	268510	51.233	ng	97
58) Fluorene	10.475	166	851254	43.683	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	323356	54.381	ng	94
60) Diethylphthalate	10.351	149	907832	45.311	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	447042	45.023	ng	95
62) 4-Nitroaniline	10.492	138	199352	49.739	ng	99
63) Azobenzene	10.627	77	913219	43.249	ng	97
65) 4,6-Dinitro-2-methylph...	10.522	198	120529	56.270	ng	81
66) n-Nitrosodiphenylamine	10.586	169	823601	44.956	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	470941	49.607	ng	96
68) Hexachlorobenzene	11.022	284	655868	50.132	ng	99
69) Atrazine	11.110	200	260652	49.132	ng	98
70) Pentachlorophenol	11.216	266	677583	104.047	ng	99
71) Phenanthrene	11.439	178	1227780	42.930	ng	99
72) Anthracene	11.492	178	1254719	43.737	ng	100
73) Carbazole	11.645	167	1083105	43.182	ng	99
74) Di-n-butylphthalate	11.974	149	1283897	44.508	ng	100
75) Fluoranthene	12.627	202	1237804	43.032	ng	99
77) Benzidine	12.751	184	399172	32.285	ng	99
78) Pyrene	12.857	202	1239293	49.680	ng	100
80) Butylbenzylphthalate	13.474	149	432539	50.118	ng	98
81) Benzo(a)anthracene	14.045	228	1233967	45.270	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	372840	31.573	ng	100
83) Chrysene	14.086	228	1072277	43.474	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	548071	43.324	ng	# 99
85) Di-n-octyl phthalate	14.651	149	922091	40.183	ng	# 94
87) Indeno(1,2,3-cd)pyrene	17.039	276	2595286	48.512	ng	98
88) Benzo(b)fluoranthene	15.104	252	1820049	50.689	ng	99
89) Benzo(k)fluoranthene	15.133	252	1414832	39.221	ng	99
90) Benzo(a)pyrene	15.474	252	1585027	46.962	ng	99
91) Dibenzo(a,h)anthracene	17.056	278	2122139	48.499	ng	99
92) Benzo(g,h,i)perylene	17.492	276	2124276	50.363	ng	98

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

Manual Integrations APPROVED

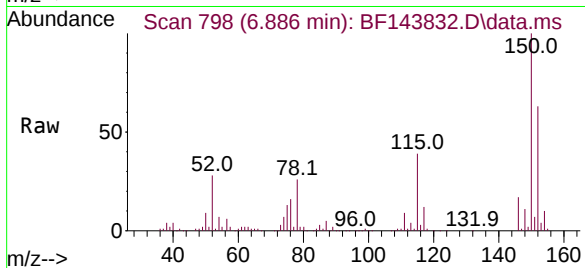
Quant Time: Sep 30 15:00:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 79
Delta R.T. -0.001 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

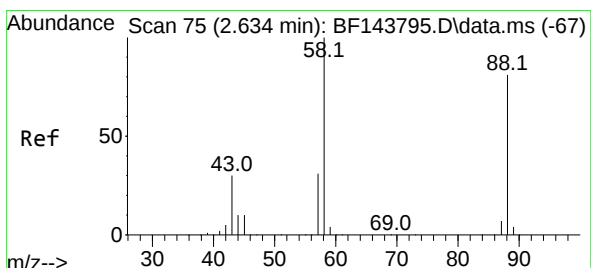
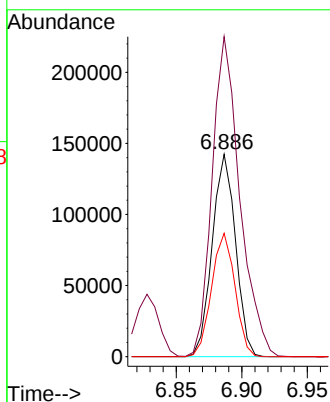
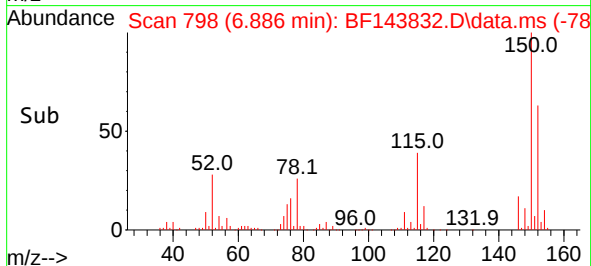
Instrument :
BNA_F
ClientSampleId :
PB169880BS



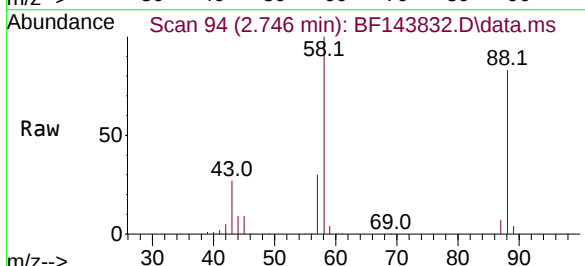
Tgt Ion:152 Resp: 176669
Ion Ratio Lower Upper
152 100
150 158.2 129.6 194.4
115 61.0 49.0 73.4

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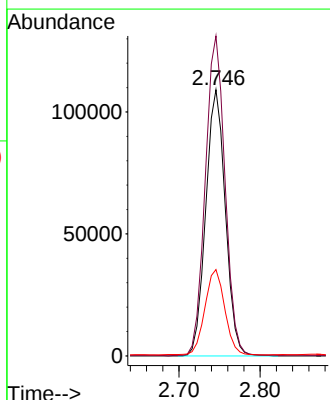
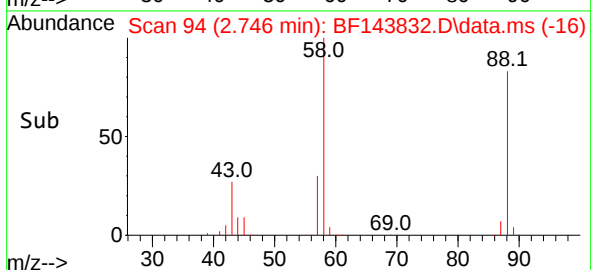
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025

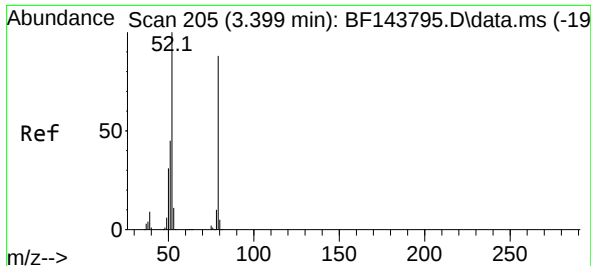


#2
1,4-Dioxane
Concen: 35.201 ng
RT: 2.746 min Scan# 94
Delta R.T. 0.112 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34



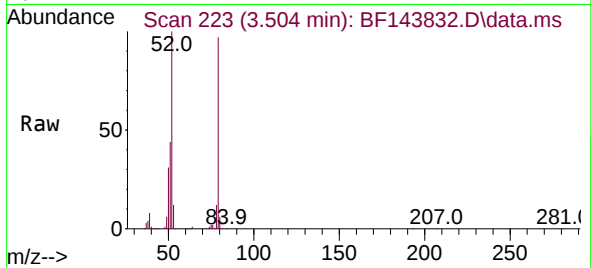
Tgt Ion: 88 Resp: 183209
Ion Ratio Lower Upper
88 100
58 121.3 99.4 149.2
43 32.5 30.6 45.8





#3
Pyridine
Concen: 36.600 ng
RT: 3.504 min Scan# 214
Delta R.T. 0.106 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

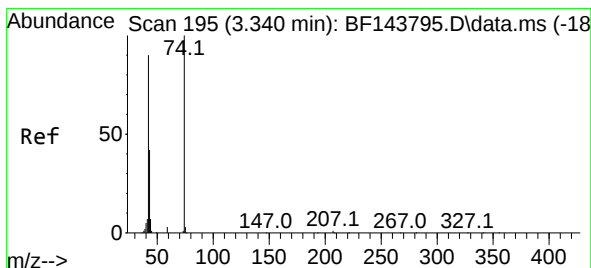
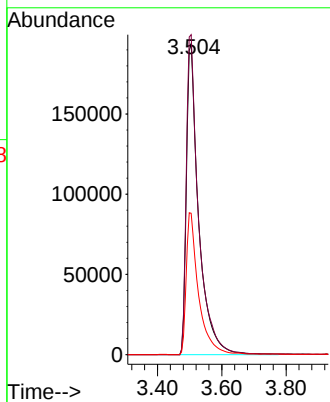
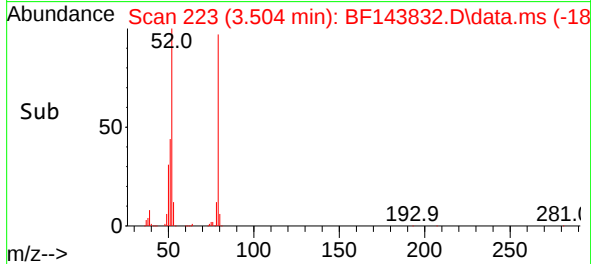
Instrument :
BNA_F
ClientSampleId :
PB169880BS



Tgt Ion: 79 Resp: 514208
Ion Ratio Lower Upper
79 100
52 102.9 90.5 135.7
51 45.5 40.6 61.0

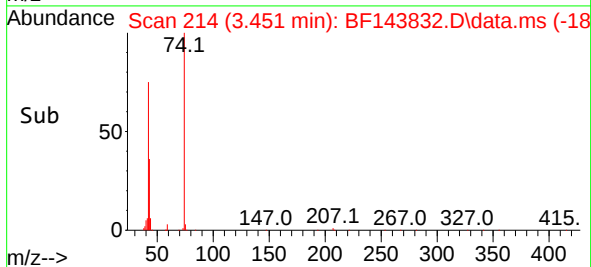
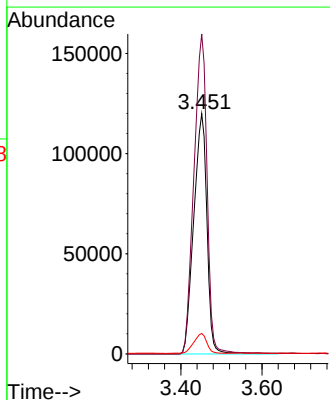
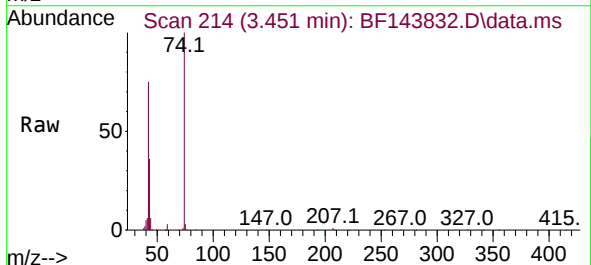
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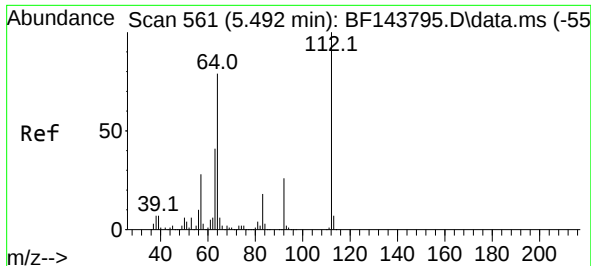
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025



#4
n-Nitrosodimethylamine
Concen: 38.199 ng
RT: 3.451 min Scan# 214
Delta R.T. 0.094 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

Tgt Ion: 42 Resp: 269097
Ion Ratio Lower Upper
42 100
74 133.2 89.1 133.7
44 8.5 6.4 9.6





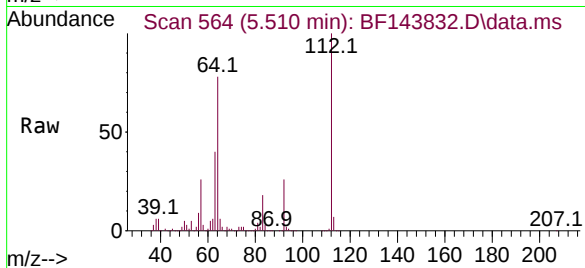
#5
2-Fluorophenol
Concen: 108.445 ng
RT: 5.510 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

Instrument :

BNA_F

ClientSampleId :

PB169880BS



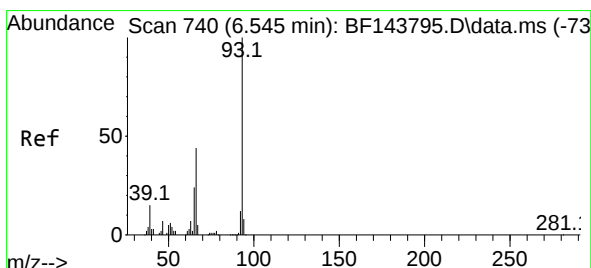
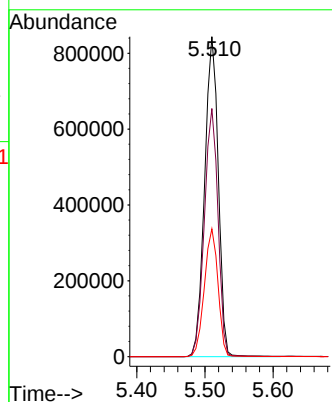
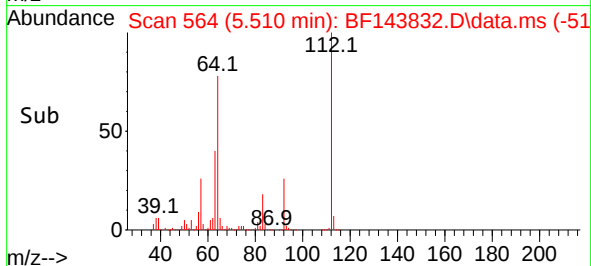
Tgt Ion:112 Resp: 1179229
Ion Ratio Lower Upper
112 100
64 77.5 63.0 94.4
63 39.9 32.6 49.0

Manual Integrations

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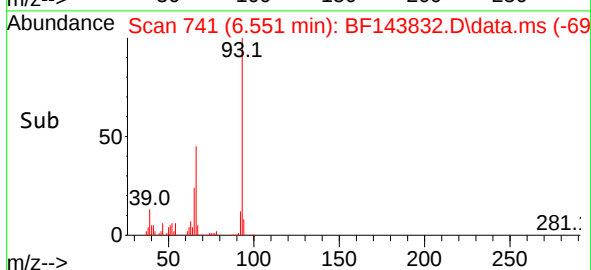
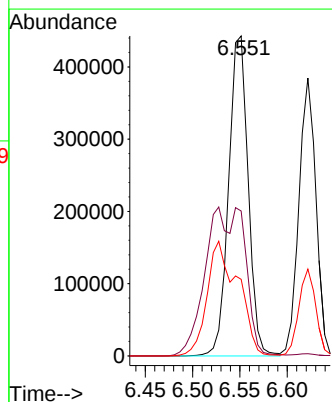
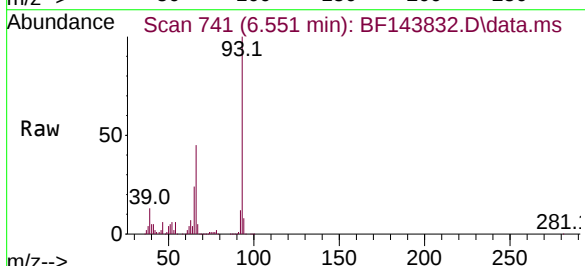
Reviewed By :Rahul Chavli 10/01/2025

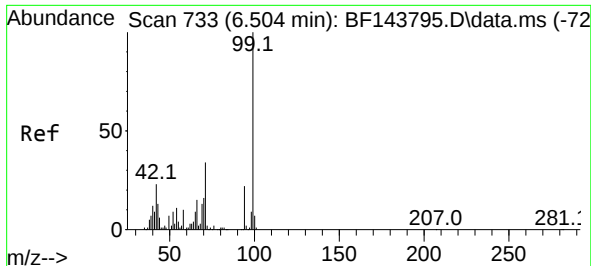
Supervised By :Jagrut Upadhyay 10/01/2025



#6
Aniline
Concen: 34.892 ng
RT: 6.551 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

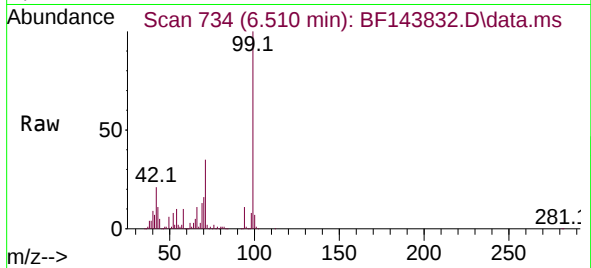
Tgt Ion: 93 Resp: 636261
Ion Ratio Lower Upper
93 100
66 45.3 37.1 55.7
65 23.9 19.4 29.0





#7
Phenol-d6
Concen: 111.699 ng
RT: 6.510 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

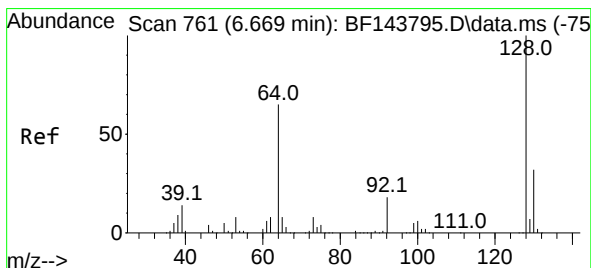
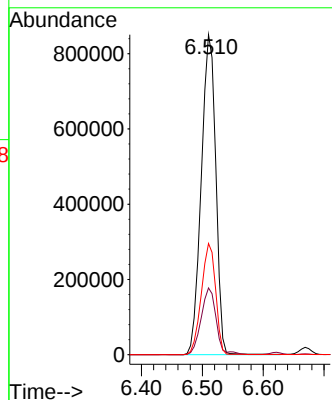
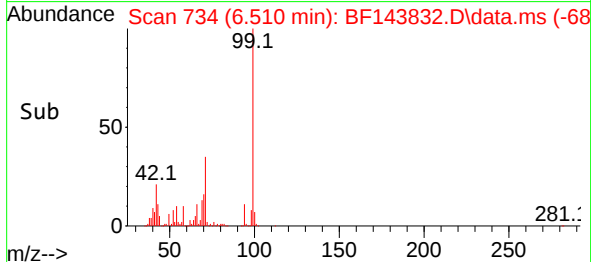
Instrument :
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Tgt Ion: 99 Resp: 140340
Ion Ratio Lower Upper
99 100
42 20.8 18.6 28.0
71 34.7 27.0 40.4

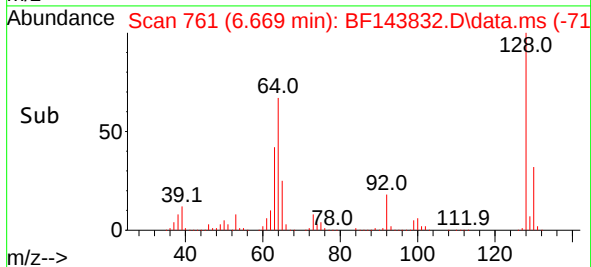
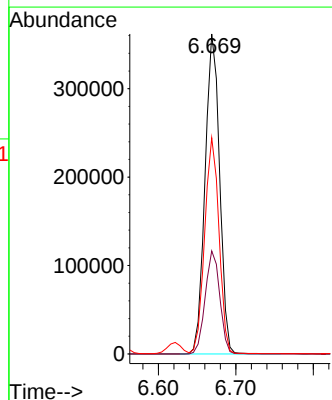
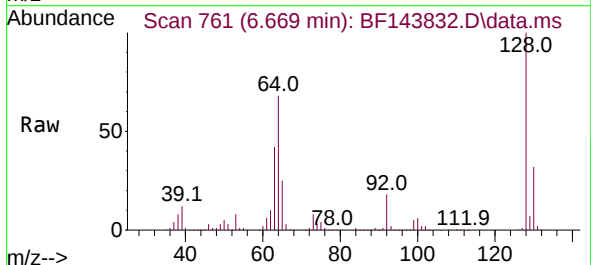
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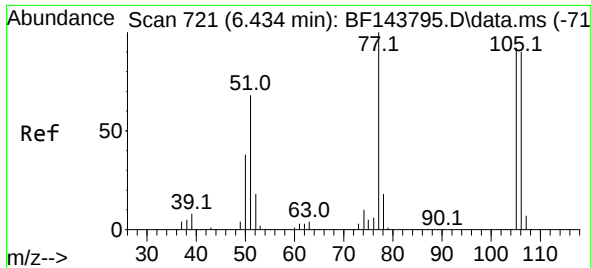
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025



#8
2-Chlorophenol
Concen: 42.413 ng
RT: 6.669 min Scan# 761
Delta R.T. -0.000 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

Tgt Ion:128 Resp: 472145
Ion Ratio Lower Upper
128 100
130 32.2 12.2 52.2
64 67.5 46.5 86.5





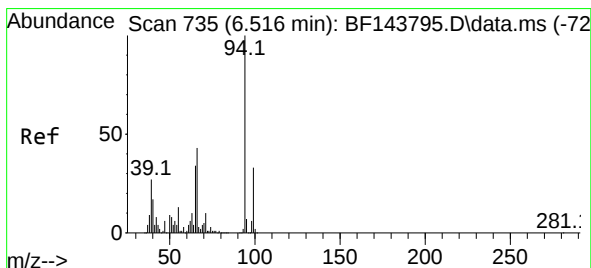
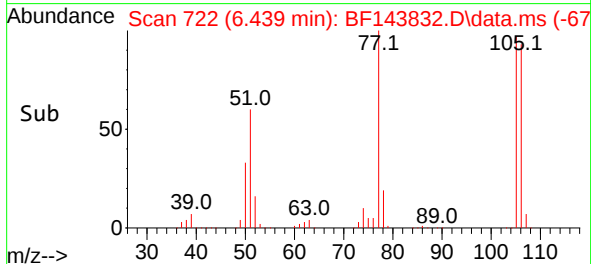
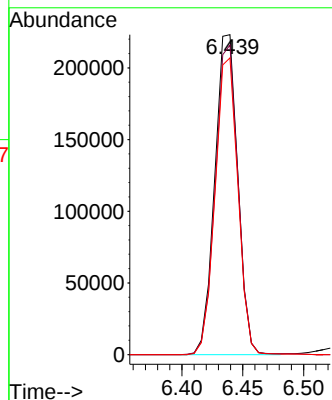
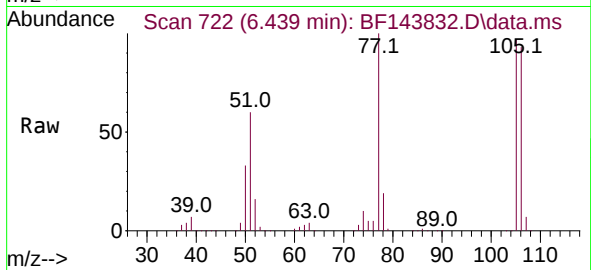
#9
Benzaldehyde
Concen: 26.692 ng
RT: 6.439 min Scan# 721
Delta R.T. -0.000 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

Instrument :
BNA_F
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Tgt Ion: 77 Resp: 293685
Ion Ratio Lower Upper
77 100
105 96.7 71.8 111.8
106 92.7 69.8 109.8

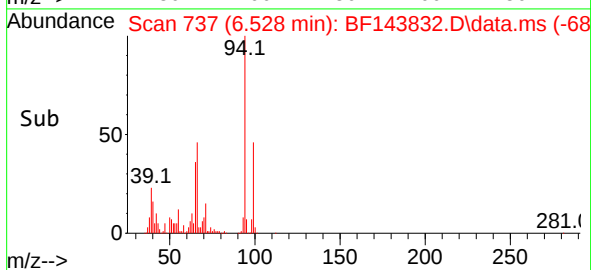
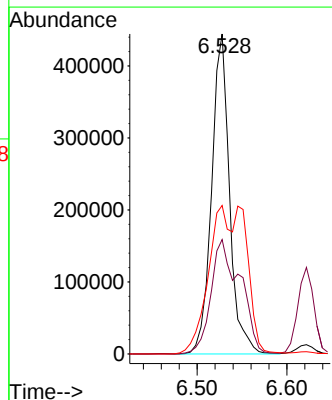
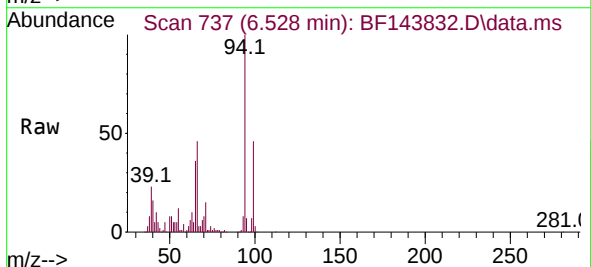
Manual Integrations
APPROVED

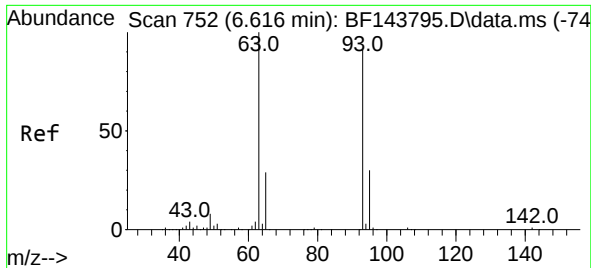
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025



#10
Phenol
Concen: 42.544 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

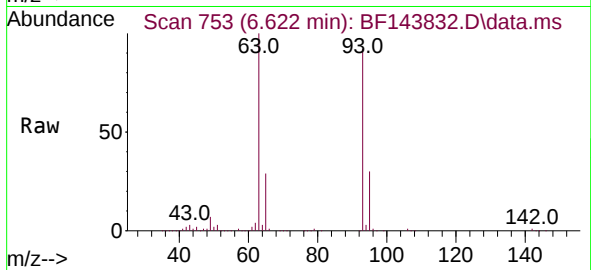
Tgt Ion: 94 Resp: 621312
Ion Ratio Lower Upper
94 100
65 35.7 14.2 54.2
66 46.4 24.1 64.1





#11
bis(2-Chloroethyl)ether
Concen: 41.605 ng
RT: 6.622 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

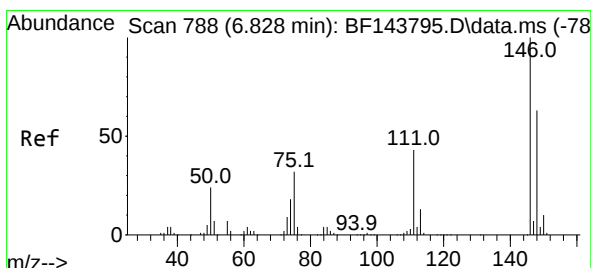
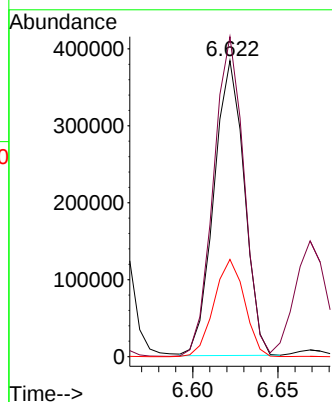
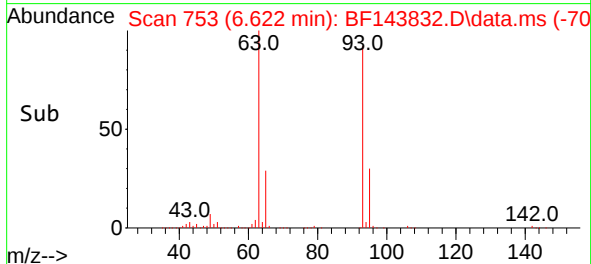
Instrument :
BNA_F
ClientSampleId :
PB169880BS



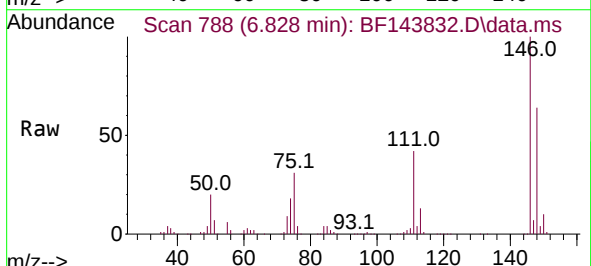
Tgt Ion: 93 Resp: 476285
Ion Ratio Lower Upper
93 100
63 108.2 89.2 129.2
95 32.9 12.9 52.9

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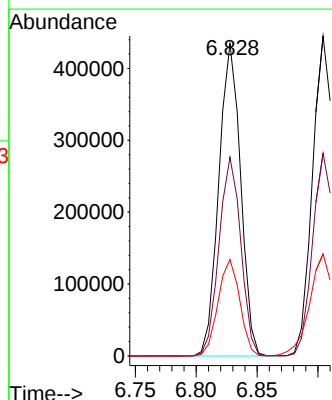
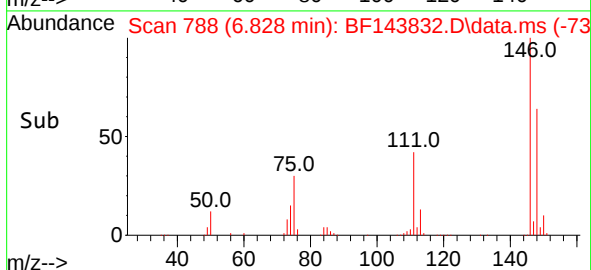
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025

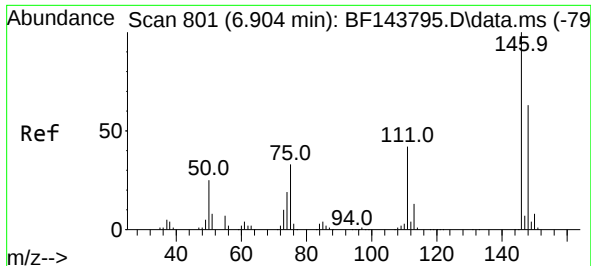


#12
1,3-Dichlorobenzene
Concen: 41.846 ng
RT: 6.828 min Scan# 788
Delta R.T. -0.000 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34



Tgt Ion:146 Resp: 540863
Ion Ratio Lower Upper
146 100
148 63.6 50.4 75.6
75 30.9 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 42.360 ng

RT: 6.904 min Scan# 801

Delta R.T. -0.000 min

Lab File: BF143832.D

Acq: 30 Sep 2025 14:34

Instrument :

BNA_F

ClientSampleId :

PB169880BS

Tgt Ion:146 Resp: 546388

Ion Ratio Lower Upper

146 100

148 63.3 50.7 76.1

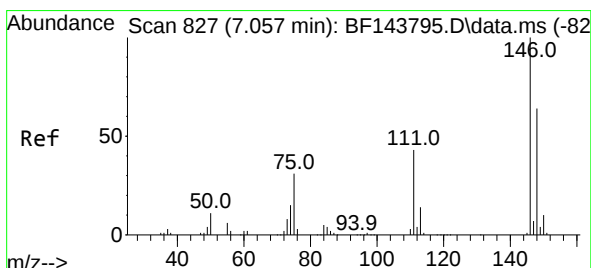
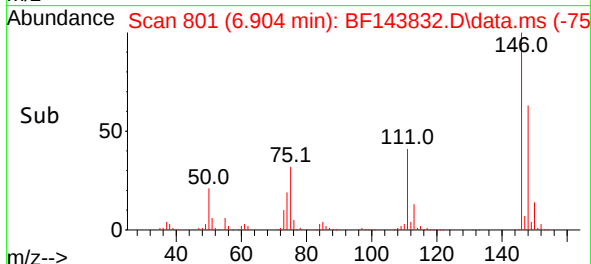
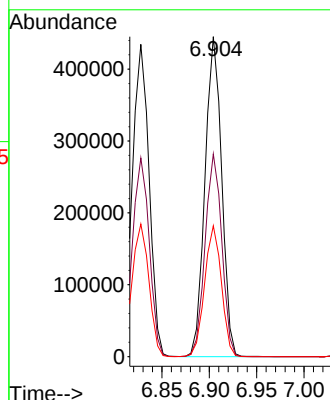
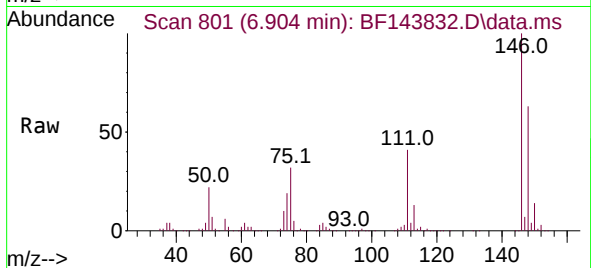
111 40.9 33.4 50.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/01/2025

Supervised By :Jagrut Upadhyay 10/01/2025



#14

1,2-Dichlorobenzene

Concen: 42.993 ng

RT: 7.057 min Scan# 827

Delta R.T. -0.000 min

Lab File: BF143832.D

Acq: 30 Sep 2025 14:34

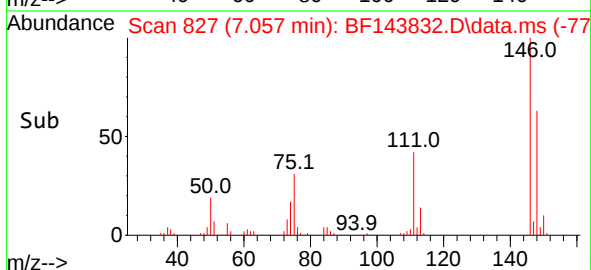
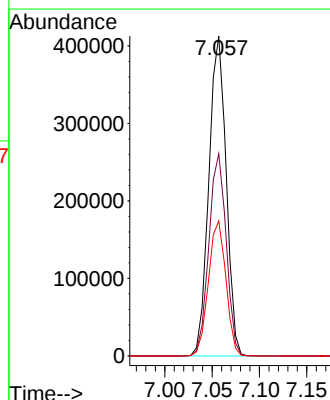
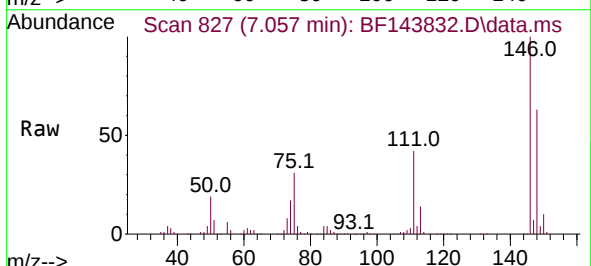
Tgt Ion:146 Resp: 525218

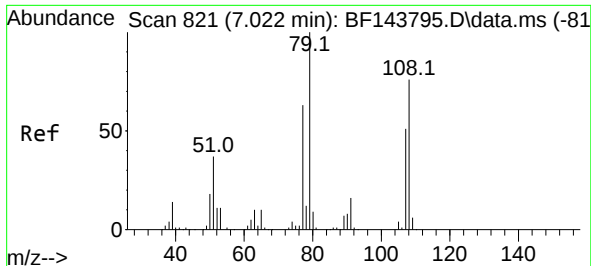
Ion Ratio Lower Upper

146 100

148 63.2 51.1 76.7

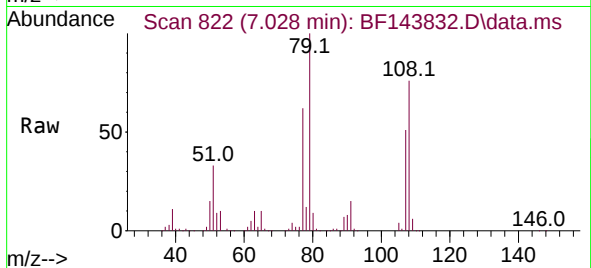
111 42.2 34.3 51.5





#15
Benzyl Alcohol
Concen: 46.825 ng
RT: 7.028 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

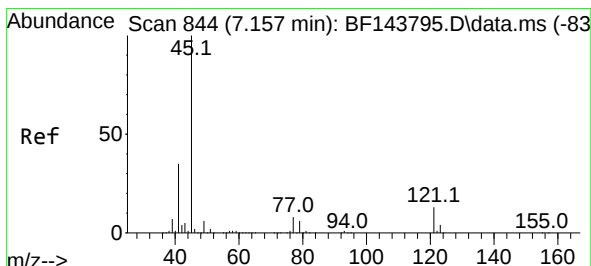
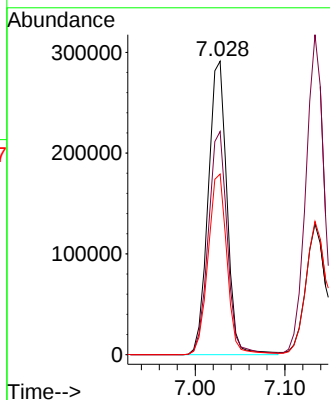
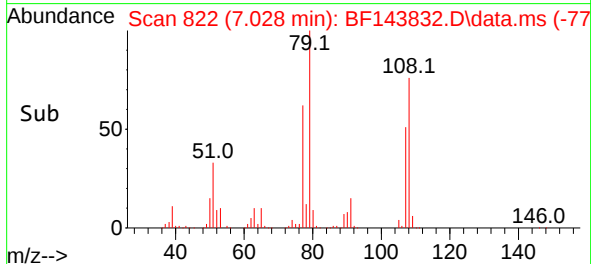
Instrument :
BNA_F
Client Sample Id :
PB169880BS



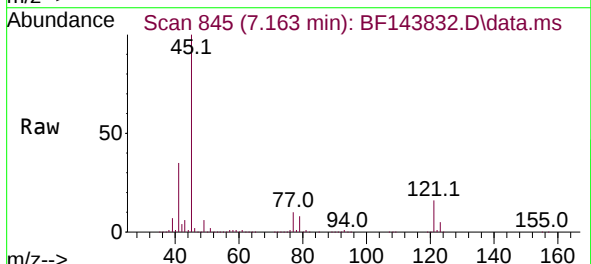
Tgt Ion: 79 Resp: 425095
Ion Ratio Lower Upper
79 100
108 76.1 60.5 90.7
77 61.5 50.3 75.5

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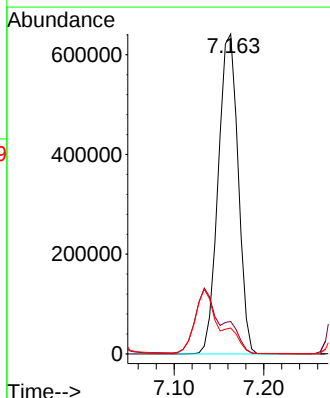
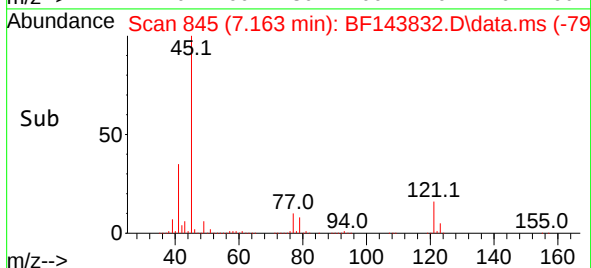
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025

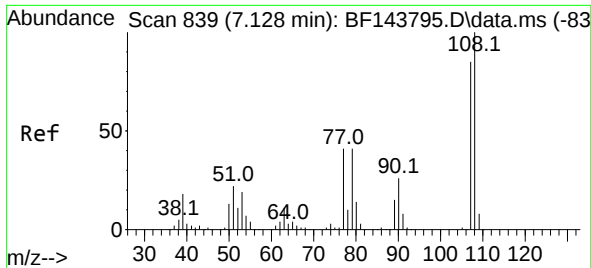


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.536 ng
RT: 7.163 min Scan# 845
Delta R.T. 0.006 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34



Tgt Ion: 45 Resp: 991778
Ion Ratio Lower Upper
45 100
77 10.2 0.0 28.5
79 8.1 0.0 26.3





#17
2-Methylphenol
Concen: 43.974 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

Instrument :

BNA_F

ClientSampleId :

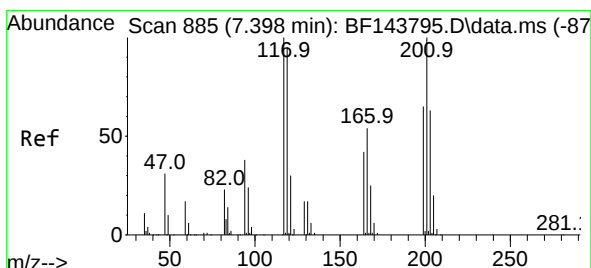
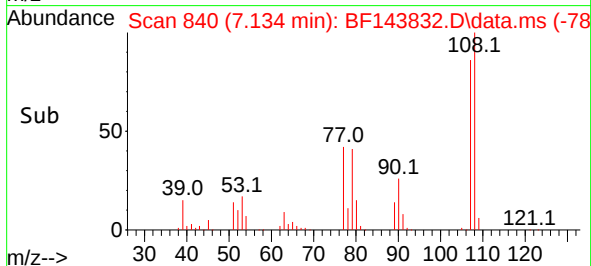
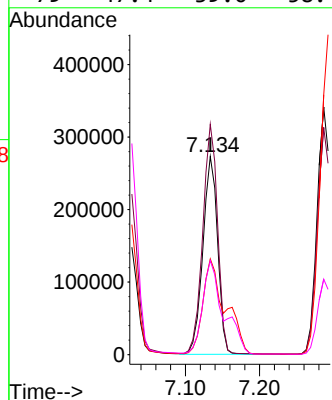
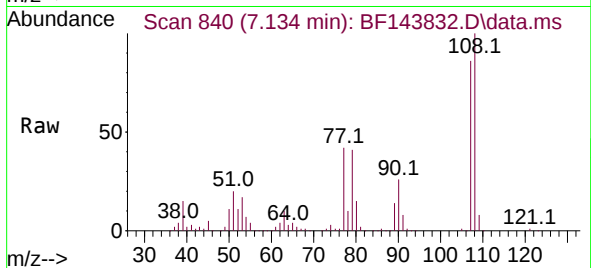
PB169880BS

Tgt Ion:107 Resp: 378984
Ion Ratio Lower Upper
107 100
108 116.2 94.2 141.4
77 48.4 38.6 58.0
79 47.4 39.0 58.4

Manual Integrations

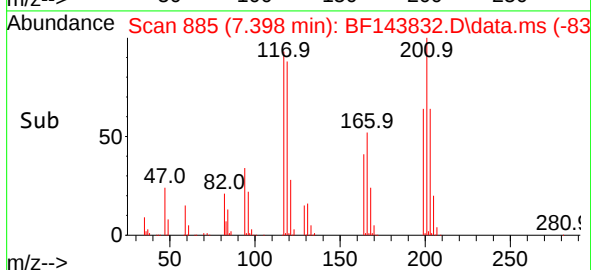
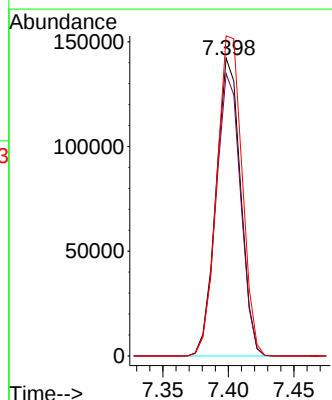
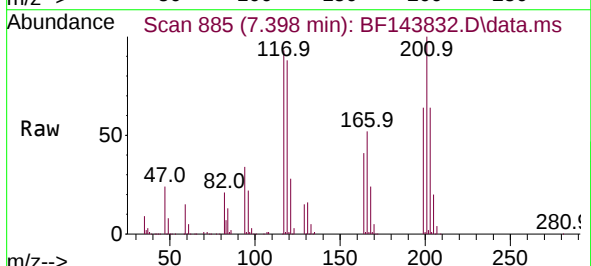
APPROVED

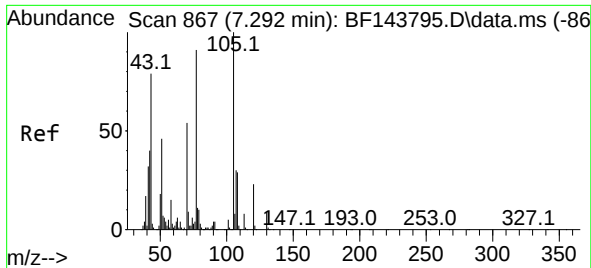
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025



#18
Hexachloroethane
Concen: 40.888 ng
RT: 7.398 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

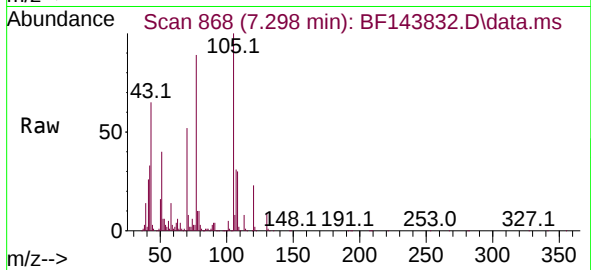
Tgt Ion:117 Resp: 185474
Ion Ratio Lower Upper
117 100
119 94.8 76.2 114.2
201 107.4 79.7 119.5





#19
n-Nitroso-di-n-propylamine
Concen: 42.879 ng
RT: 7.298 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

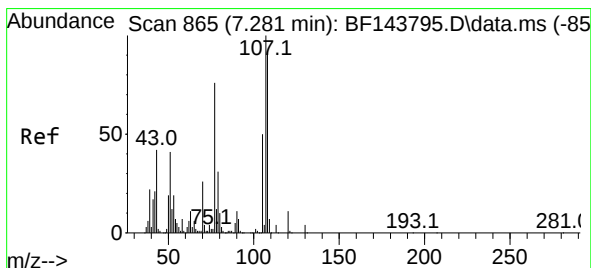
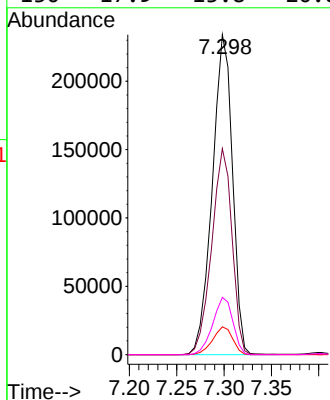
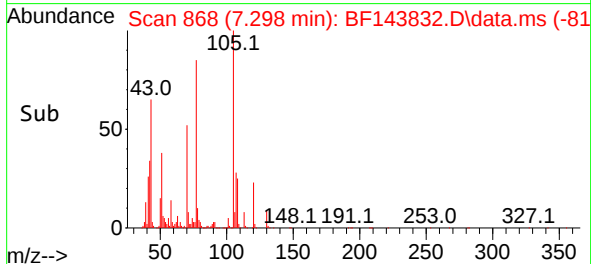
Instrument :
BNA_F
ClientSampleId :
PB169880BS



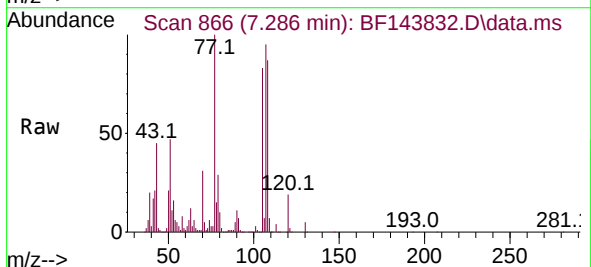
Tgt Ion: 70 Resp: 346439
Ion Ratio Lower Upper
70 100
42 64.4 59.4 89.0
101 8.7 7.1 10.7
130 17.9 13.8 20.8

Manual Integrations
APPROVED

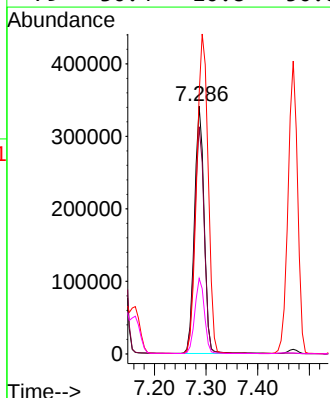
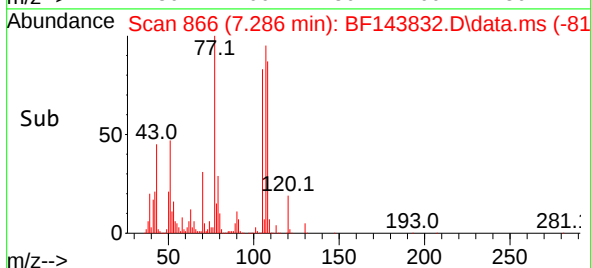
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025

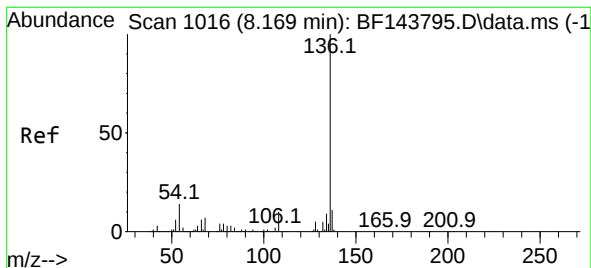


#20
3+4-Methylphenols
Concen: 42.088 ng
RT: 7.286 min Scan# 866
Delta R.T. -0.000 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34



Tgt Ion:107 Resp: 441729
Ion Ratio Lower Upper
107 100
108 91.7 72.5 112.5
77 104.9 56.2 96.2#
79 30.4 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: BF143832.D

Acq: 30 Sep 2025 14:34

Instrument :

BNA_F

ClientSampleId :

PB169880BS

Tgt Ion:136 Resp: 656314

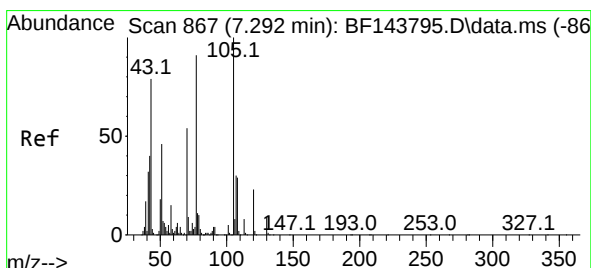
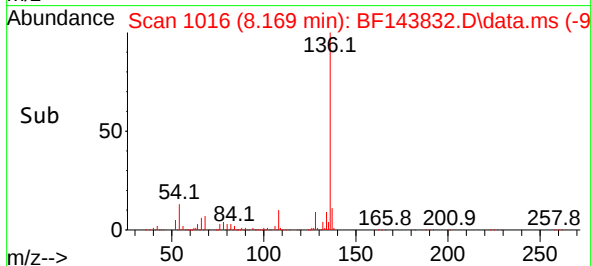
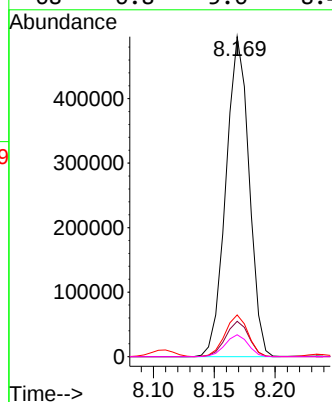
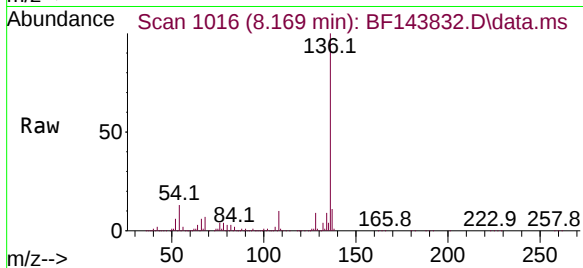
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	13.0	11.2	16.8
68	6.8	5.6	8.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/01/2025

Supervised By :Jagrut Upadhyay 10/01/2025



#22

Acetophenone

Concen: 46.315 ng

RT: 7.298 min Scan# 868

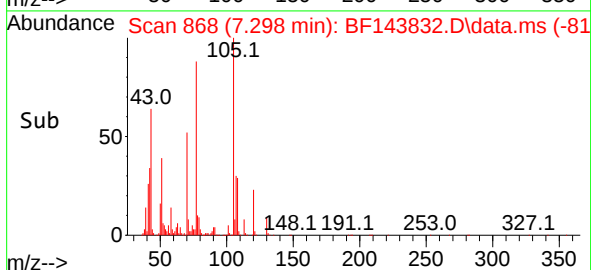
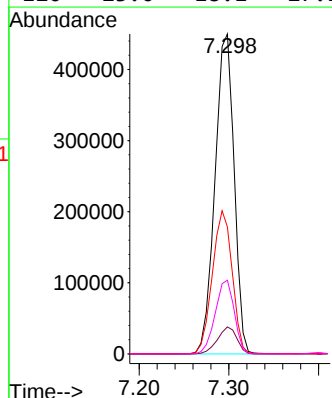
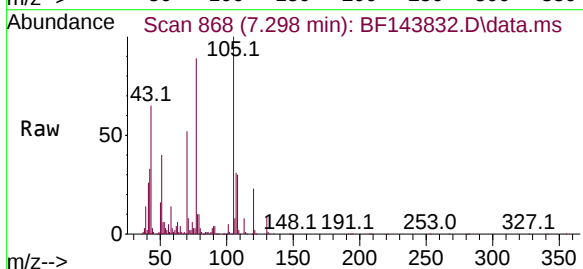
Delta R.T. -0.000 min

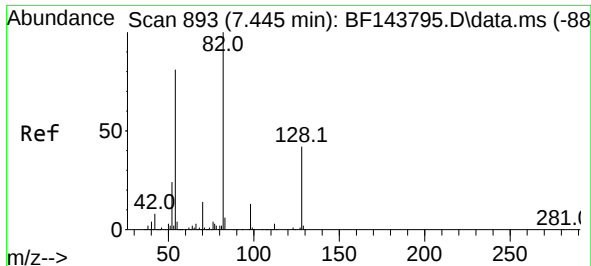
Lab File: BF143832.D

Acq: 30 Sep 2025 14:34

Tgt Ion:105 Resp: 667631

Ion	Ratio	Lower	Upper
105	100		
71	8.4	7.0	10.4
51	39.7	36.6	55.0
120	23.0	18.1	27.1





#23

Nitrobenzene-d5

Concen: 82.467 ng

RT: 7.451 min Scan# 894

Delta R.T. 0.000 min

Lab File: BF143832.D

Acq: 30 Sep 2025 14:34

Instrument :

BNF

ClientSampleId :

PB169880BS

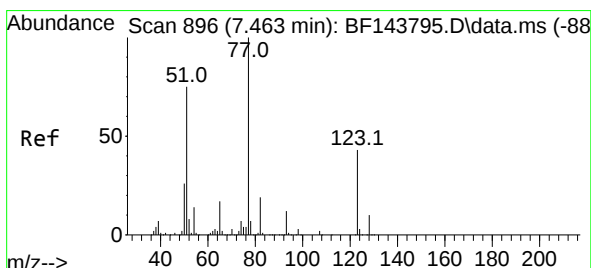
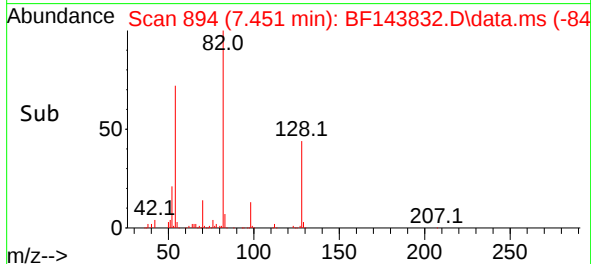
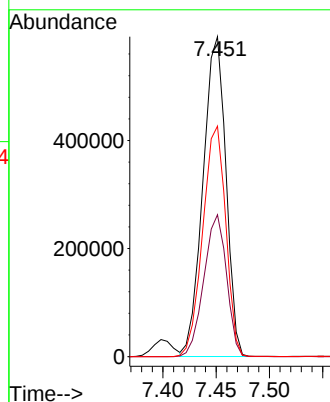
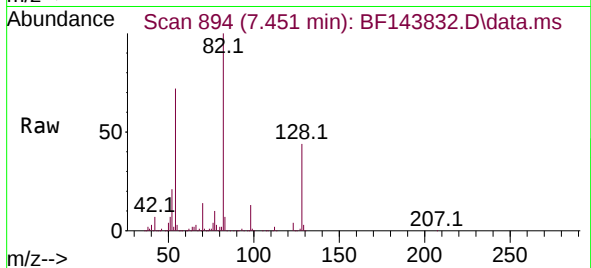
Tgt Ion: 82 Resp: 884218
 Ion Ratio Lower Upper
 82 100
 128 44.3 33.3 49.9
 54 72.0 64.2 96.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/01/2025

Supervised By :Jagrut Upadhyay 10/01/2025



#24

Nitrobenzene

Concen: 43.404 ng

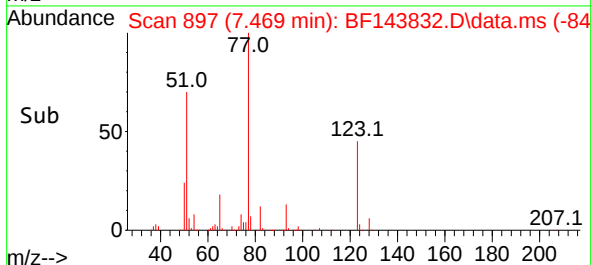
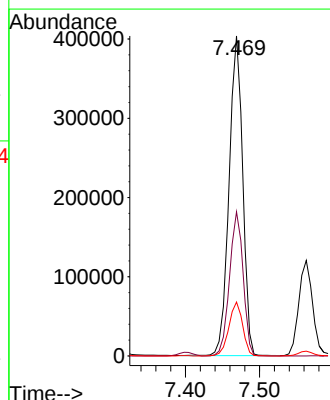
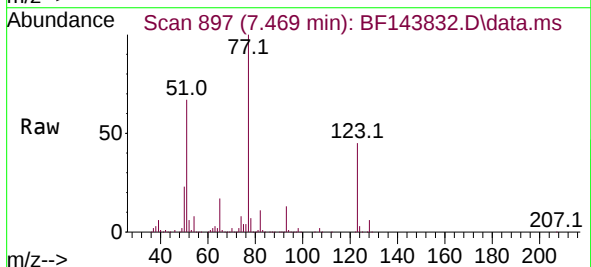
RT: 7.469 min Scan# 897

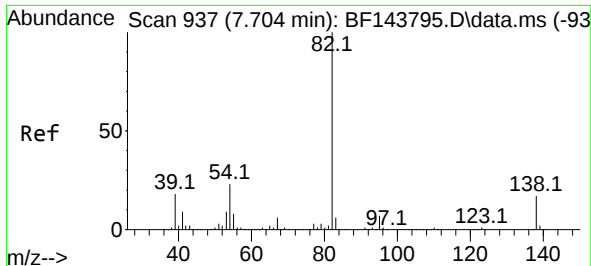
Delta R.T. -0.006 min

Lab File: BF143832.D

Acq: 30 Sep 2025 14:34

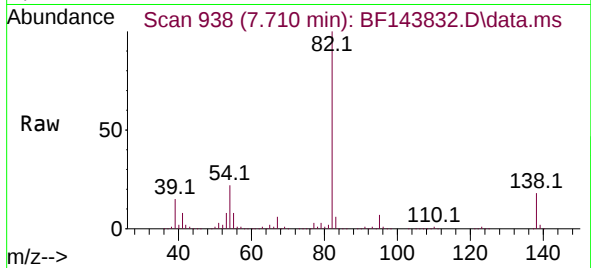
Tgt Ion: 77 Resp: 515841
 Ion Ratio Lower Upper
 77 100
 123 45.0 34.0 51.0
 65 16.8 13.5 20.3





#25
Isophorone
Concen: 45.663 ng
RT: 7.710 min Scan# 937
Delta R.T. -0.000 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

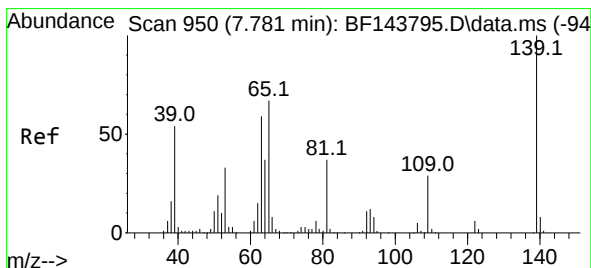
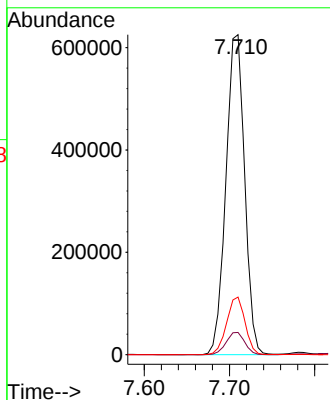
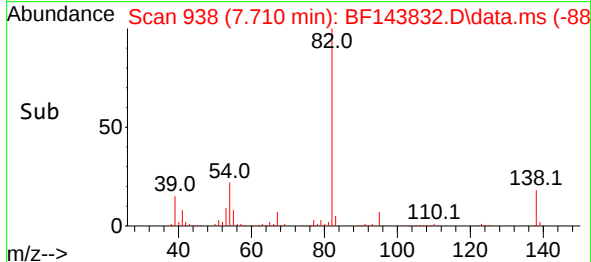
Instrument :
BNA_F
ClientSampleId :
PB169880BS



Tgt Ion: 82 Resp: 95407
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 18.0 13.7 20.5

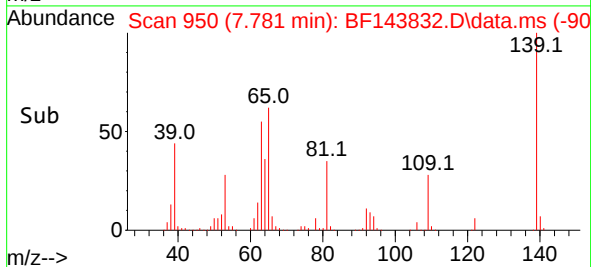
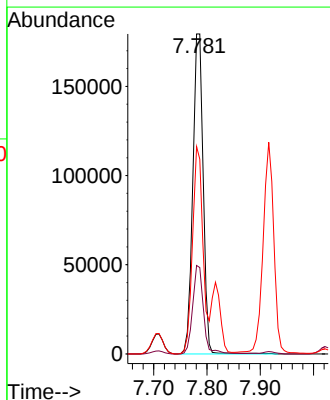
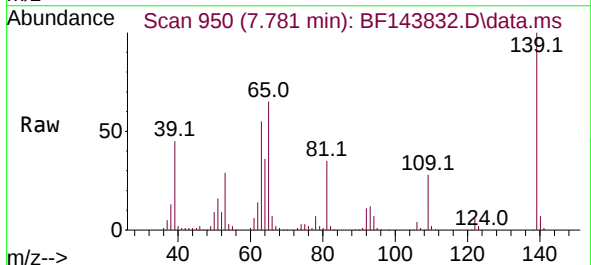
Manual Integrations
APPROVED

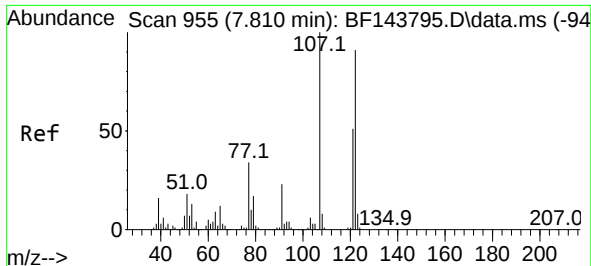
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025



#26
2-Nitrophenol
Concen: 49.692 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.005 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

Tgt Ion:139 Resp: 242954
Ion Ratio Lower Upper
139 100
109 27.6 23.3 34.9
65 64.8 53.8 80.6





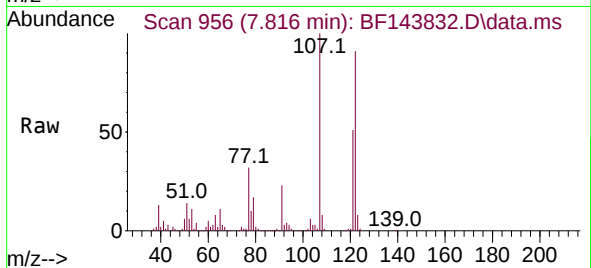
#27
2,4-Dimethylphenol
Concen: 47.619 ng
RT: 7.816 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

Instrument :

BNA_F

ClientSampleId :

PB169880BS

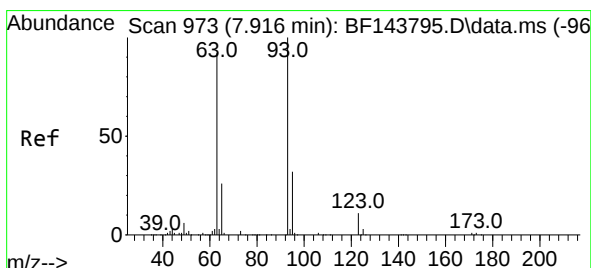
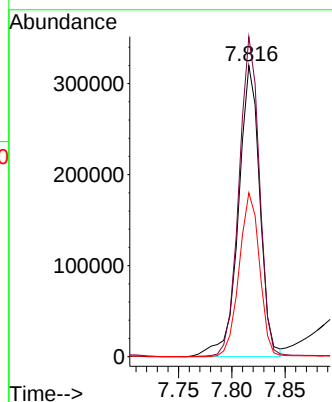
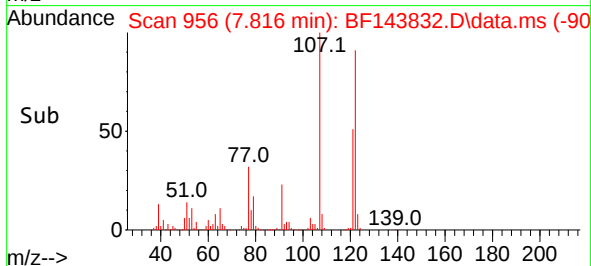


Tgt Ion:122 Resp: 444703
Ion Ratio Lower Upper
122 100
107 109.9 87.5 131.3
121 56.2 44.2 66.4

Manual Integrations

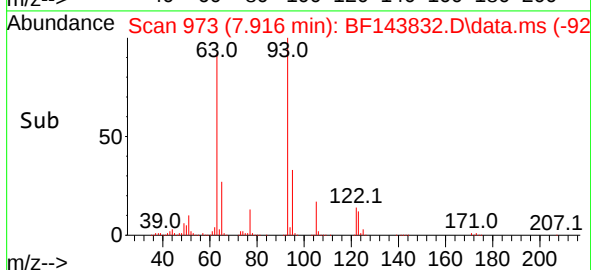
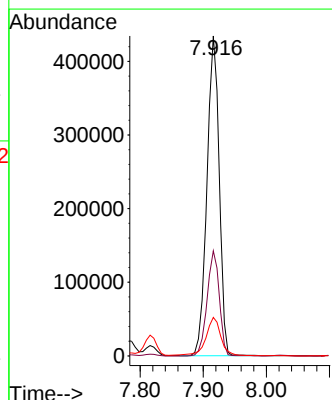
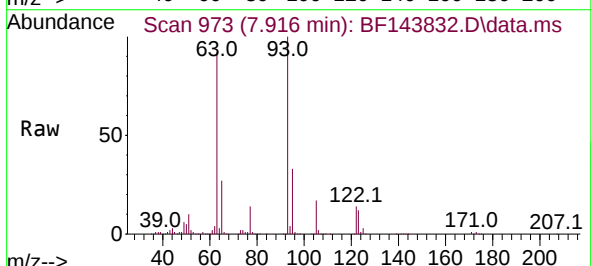
APPROVED

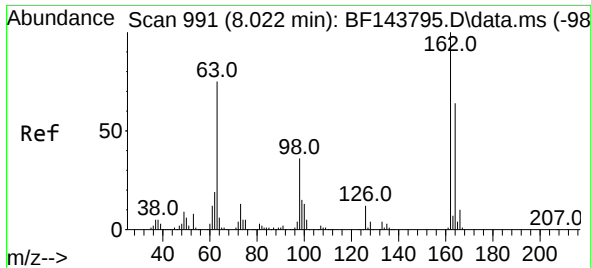
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025



#28
bis(2-Chloroethoxy)methane
Concen: 43.088 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.000 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

Tgt Ion: 93 Resp: 584907
Ion Ratio Lower Upper
93 100
95 32.8 25.8 38.8
123 12.0 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 44.768 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.000 min

Lab File: BF143832.D

Acq: 30 Sep 2025 14:34

Instrument :

BNA_F

ClientSampleId :

PB169880BS

Tgt Ion:162 Resp: 411379

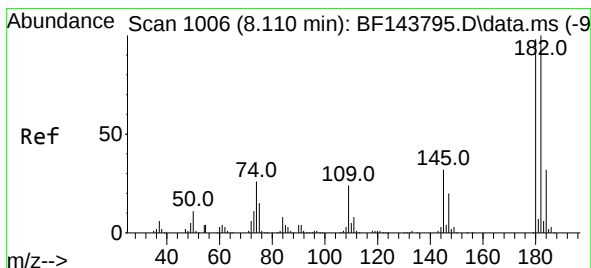
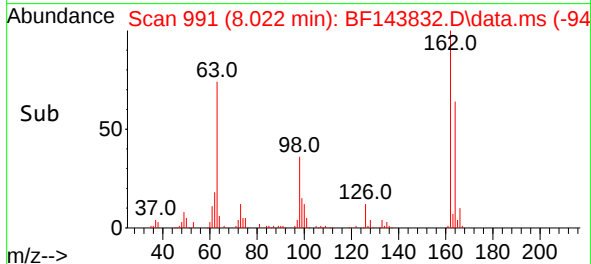
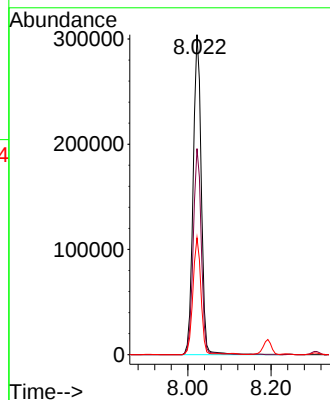
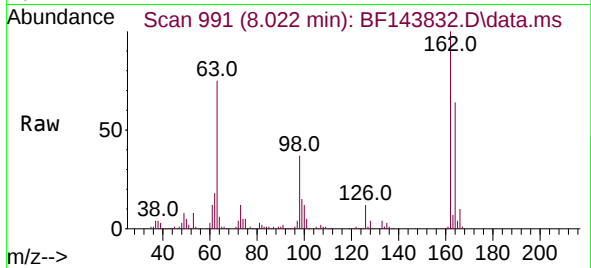
Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.1	84.1
98	36.5	15.8	55.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/01/2025

Supervised By :Jagrut Upadhyay 10/01/2025



#30

1,2,4-Trichlorobenzene

Concen: 46.263 ng

RT: 8.110 min Scan# 1006

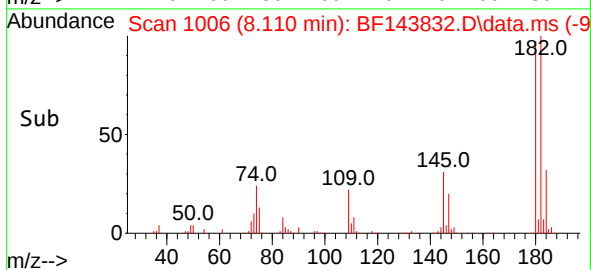
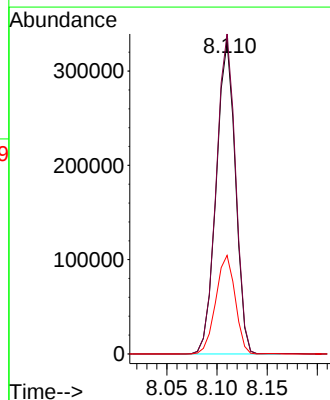
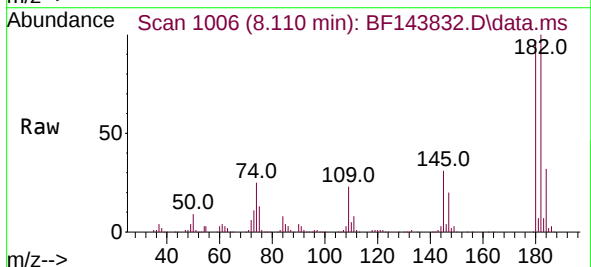
Delta R.T. -0.000 min

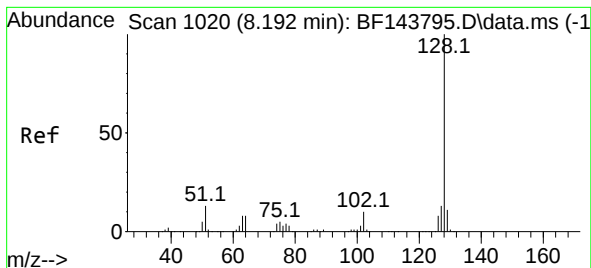
Lab File: BF143832.D

Acq: 30 Sep 2025 14:34

Tgt Ion:180 Resp: 441169

Ion	Ratio	Lower	Upper
180	100		
182	102.6	82.0	123.0
145	31.6	25.9	38.9





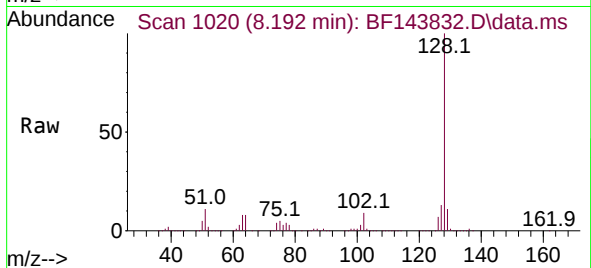
#31
Naphthalene
Concen: 41.679 ng
RT: 8.192 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

Instrument :

BNA_F

ClientSampleId :

PB169880BS

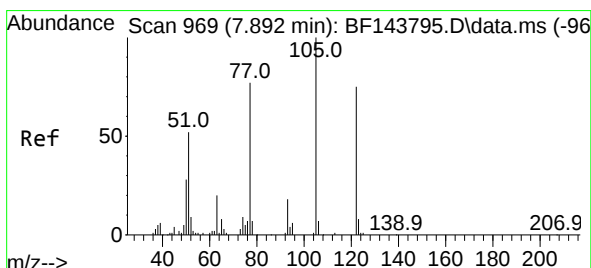
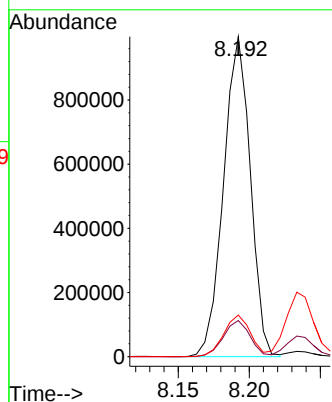
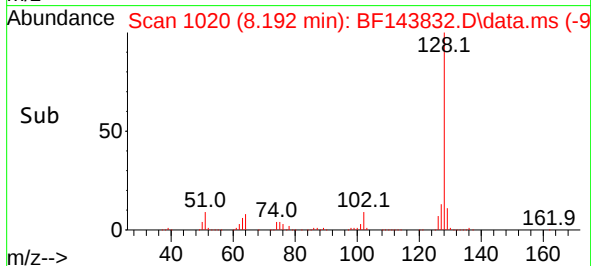


Tgt Ion:128 Resp: 130951
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.0 10.2 15.4

Manual Integrations

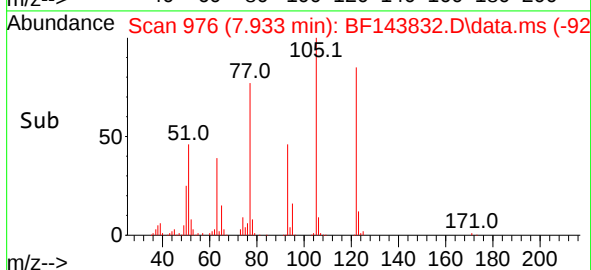
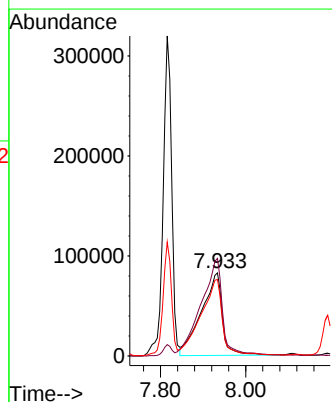
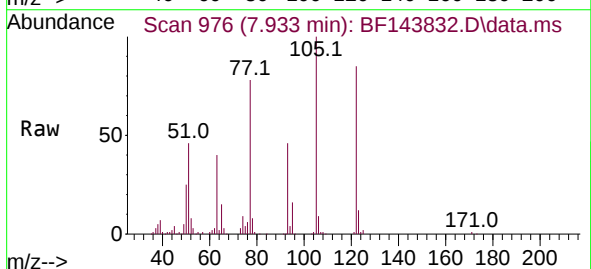
APPROVED

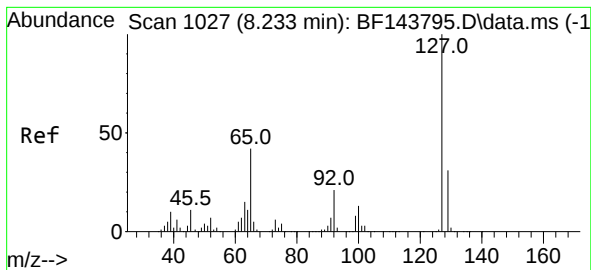
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025



#32
Benzoic acid
Concen: 62.825 ng
RT: 7.933 min Scan# 976
Delta R.T. 0.012 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

Tgt Ion:122 Resp: 283073
Ion Ratio Lower Upper
122 100
105 117.4 103.7 143.7
77 92.1 78.8 118.8





#33
4-Chloroaniline
Concen: 26.105 ng
RT: 8.233 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

Instrument :

BNA_F

ClientSampleId :

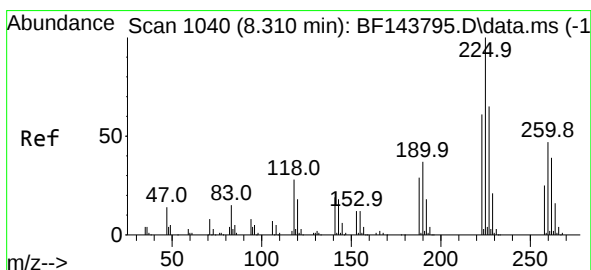
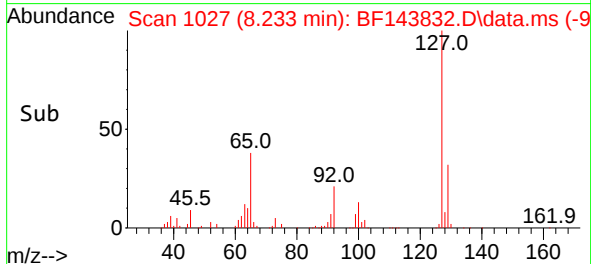
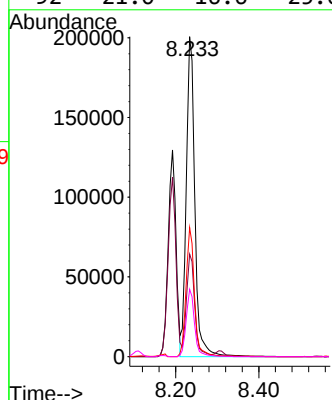
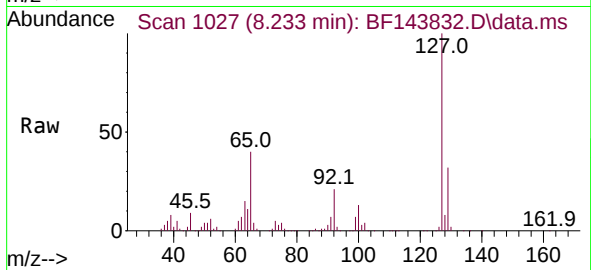
PB169880BS

Tgt Ion:127 Resp: 288229
Ion Ratio Lower Upper
127 100
129 32.0 25.4 38.2
65 40.3 33.4 50.2
92 21.0 16.6 25.0

Manual Integrations

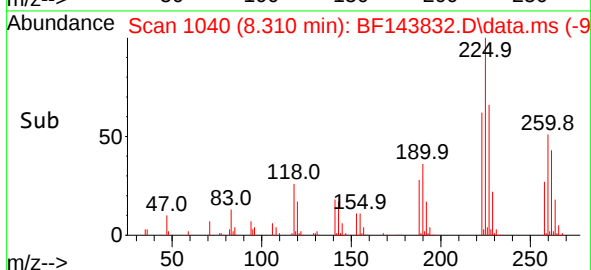
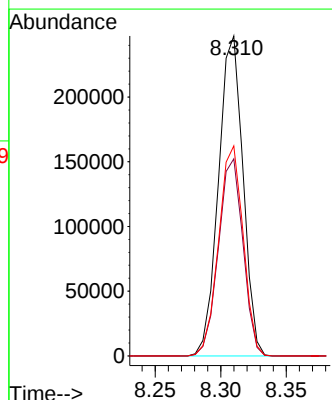
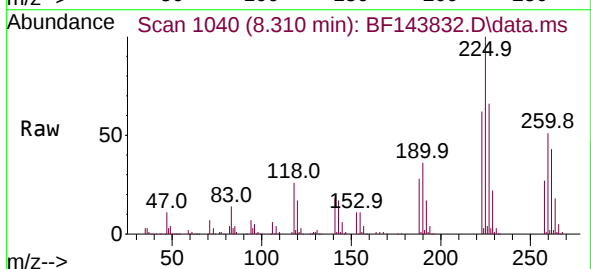
APPROVED

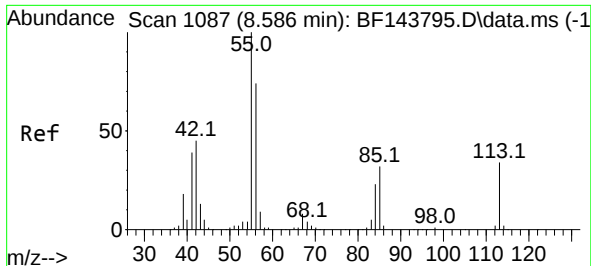
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025



#34
Hexachlorobutadiene
Concen: 45.275 ng
RT: 8.310 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

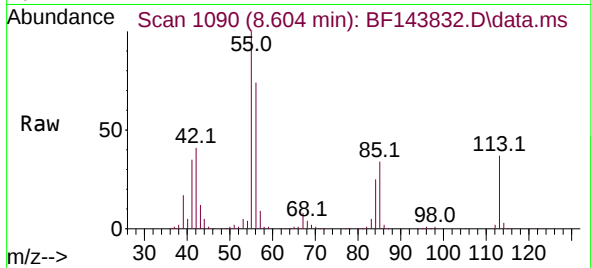
Tgt Ion:225 Resp: 321858
Ion Ratio Lower Upper
225 100
223 61.6 48.6 72.8
227 65.6 51.9 77.9





#35
Caprolactam
Concen: 52.342 ng m
RT: 8.604 min Scan# 1087
Delta R.T. -0.006 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

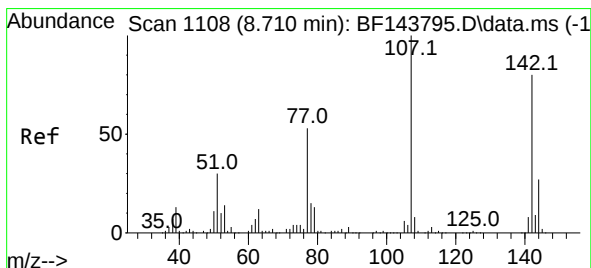
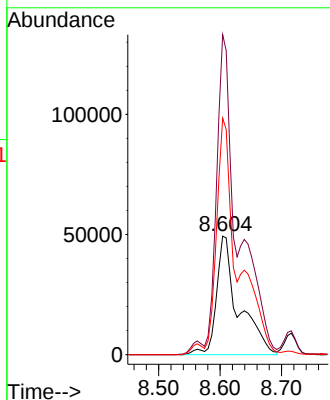
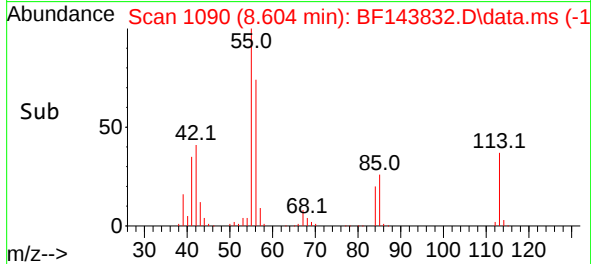
Instrument :
BNA_F
ClientSampleId :
PB169880BS



Tgt Ion:113 Resp: 122936
Ion Ratio Lower Upper
113 100
55 270.0 271.7 311.7
56 199.5 194.5 234.5

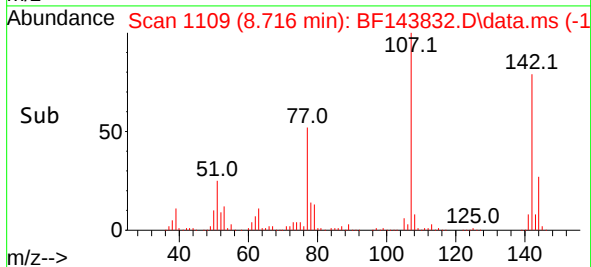
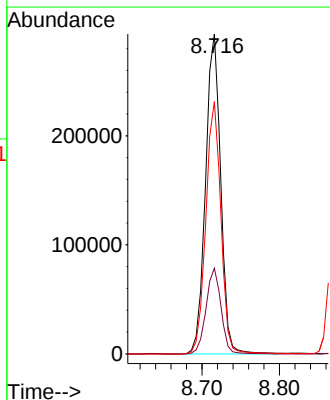
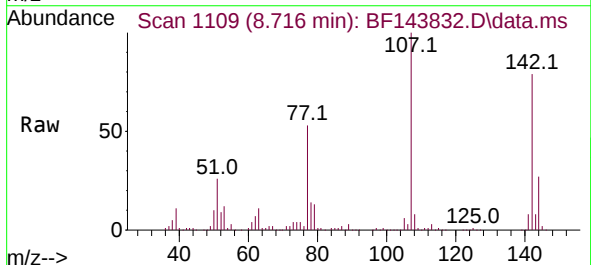
Manual Integrations
APPROVED

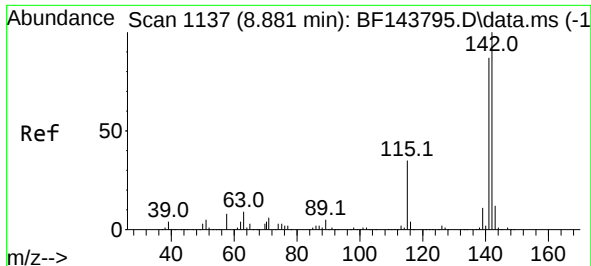
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025



#36
4-Chloro-3-methylphenol
Concen: 46.228 ng
RT: 8.716 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

Tgt Ion:107 Resp: 398398
Ion Ratio Lower Upper
107 100
144 26.8 21.8 32.8
142 78.8 63.6 95.4





#37

2-Methylnaphthalene

Concen: 40.221 ng

RT: 8.880 min Scan# 1137

Delta R.T. -0.000 min

Lab File: BF143832.D

Acq: 30 Sep 2025 14:34

Instrument :

BNA_F

ClientSampleId :

PB169880BS

Tgt Ion:142 Resp: 805789

Ion Ratio Lower Upper

142 100

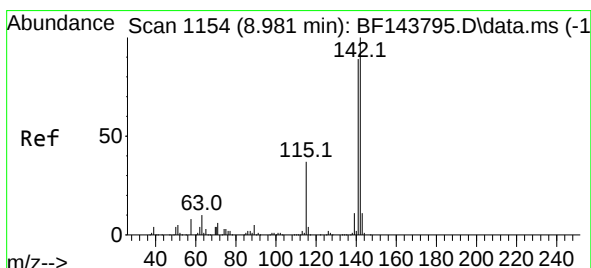
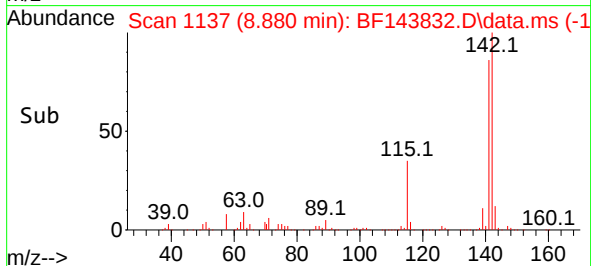
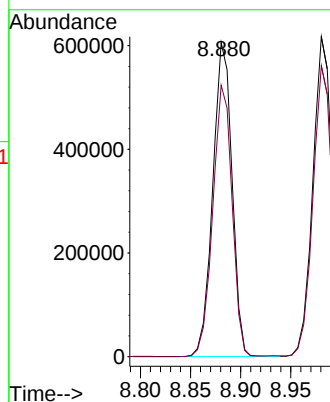
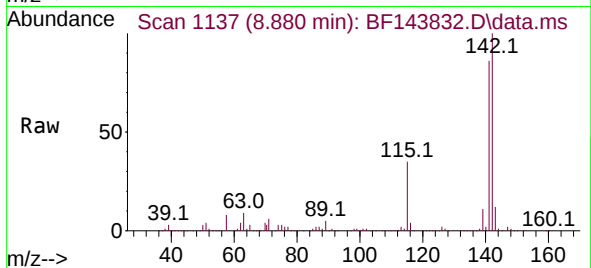
141 86.4 69.4 104.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/01/2025

Supervised By :Jagrut Upadhyay 10/01/2025



#38

1-Methylnaphthalene

Concen: 42.607 ng

RT: 8.980 min Scan# 1154

Delta R.T. -0.000 min

Lab File: BF143832.D

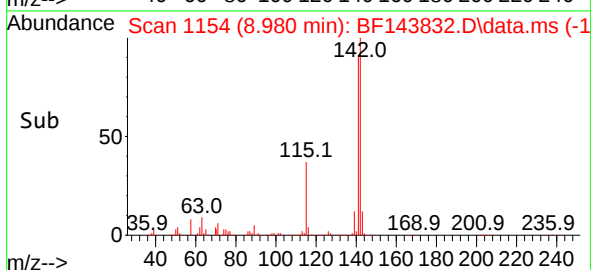
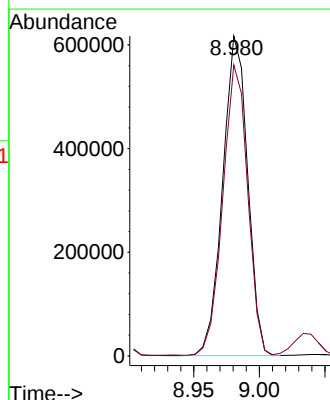
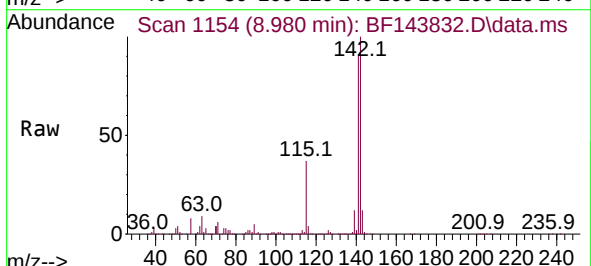
Acq: 30 Sep 2025 14:34

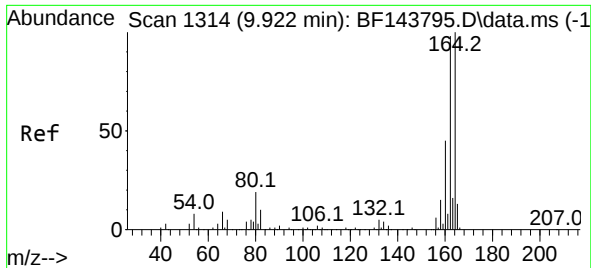
Tgt Ion:142 Resp: 817017

Ion Ratio Lower Upper

142 100

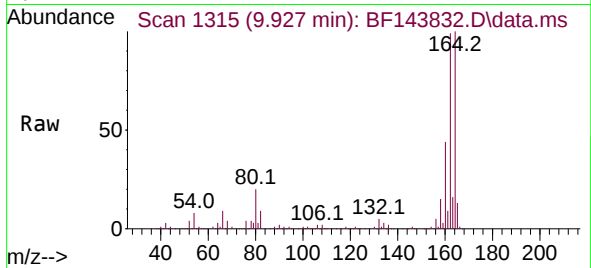
141 90.9 71.1 106.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1314
Delta R.T. -0.001 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

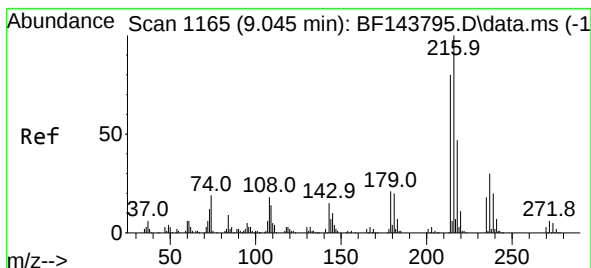
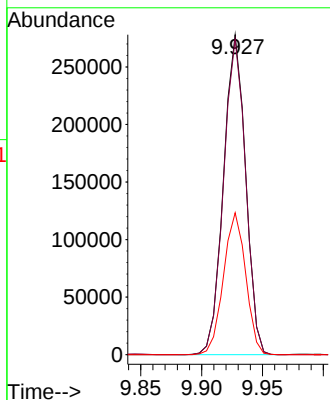
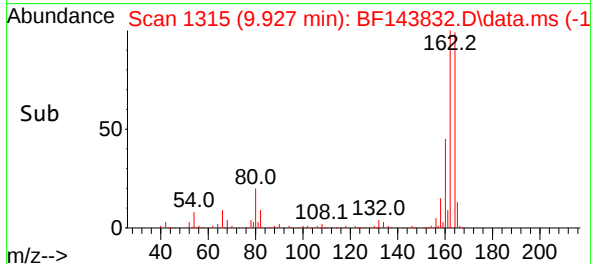
Instrument :
BNA_F
ClientSampleId :
PB169880BS



Tgt Ion:164 Resp: 351165
Ion Ratio Lower Upper
164 100
162 98.5 78.8 118.2
160 44.3 35.8 53.6

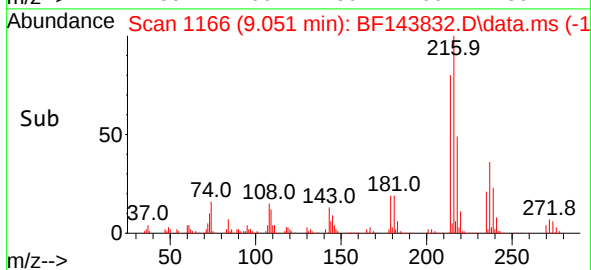
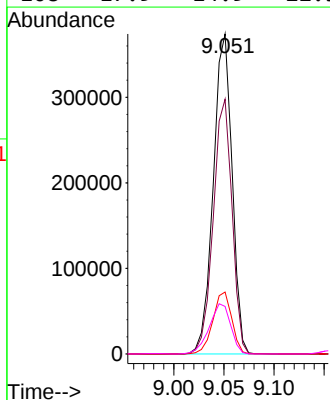
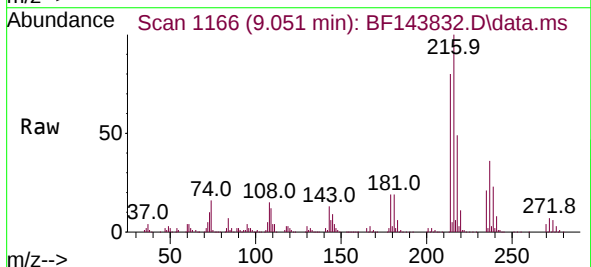
Manual Integrations
APPROVED

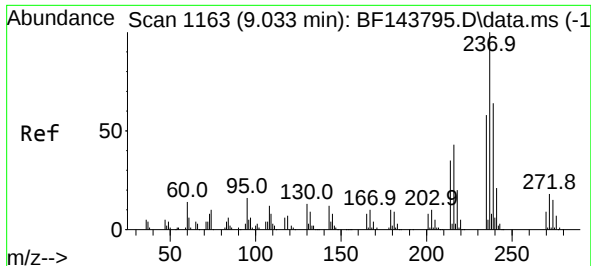
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.102 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

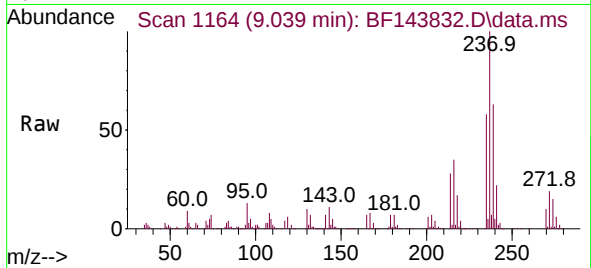
Tgt Ion:216 Resp: 488569
Ion Ratio Lower Upper
216 100
214 79.4 63.7 95.5
179 19.5 16.5 24.7
108 17.9 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 113.446 ng
RT: 9.039 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

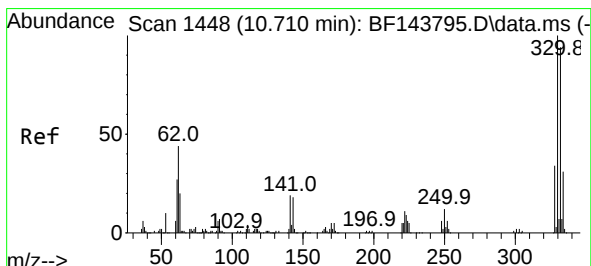
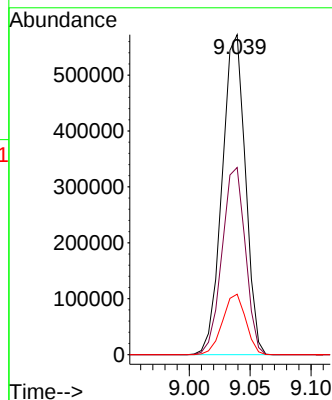
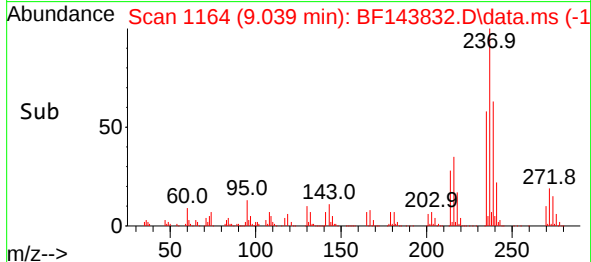
Instrument :
BNA_F
ClientSampleId :
PB169880BS



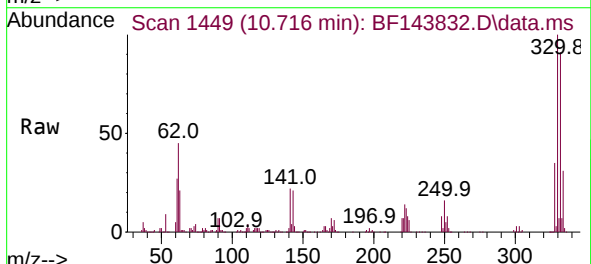
Tgt Ion:237 Resp: 76194
Ion Ratio Lower Upper
237 100
235 58.5 38.1 78.1
272 18.9 0.0 37.9

Manual Integrations
APPROVED

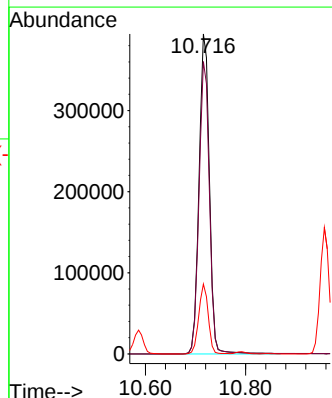
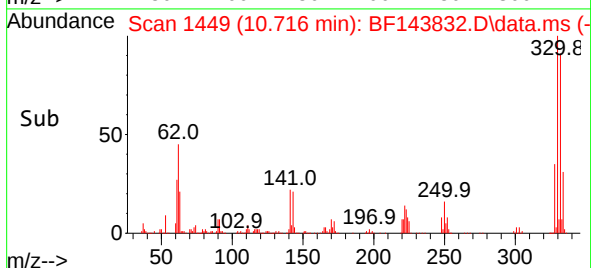
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025

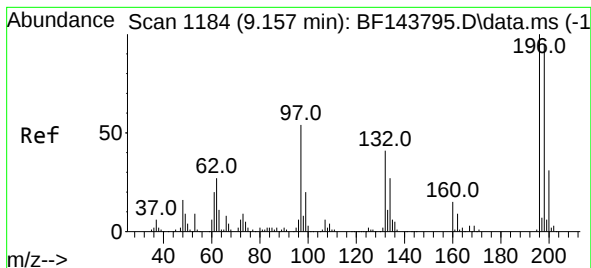


#42
2,4,6-Tribromophenol
Concen: 108.601 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34



Tgt Ion:330 Resp: 564679
Ion Ratio Lower Upper
330 100
332 92.2 74.7 112.1
141 19.9 14.3 21.5





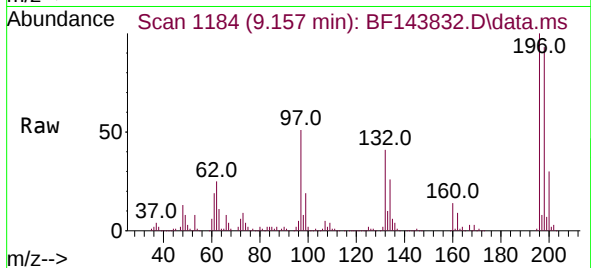
#43
2,4,6-Trichlorophenol
Concen: 46.577 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

Instrument :

BNA_F

ClientSampleId :

PB169880BS

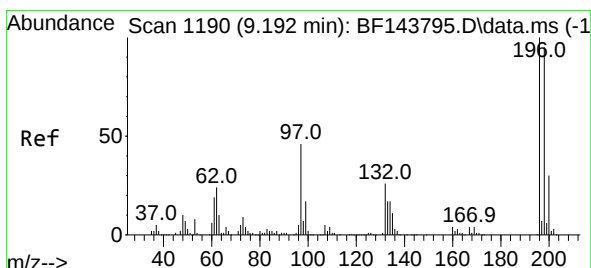
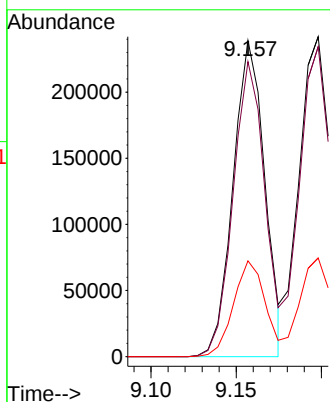
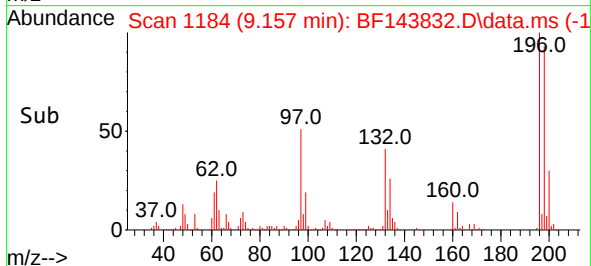


Tgt Ion:196 Resp: 309078
Ion Ratio Lower Upper
196 100
198 93.3 76.2 114.2
200 30.3 24.7 37.1

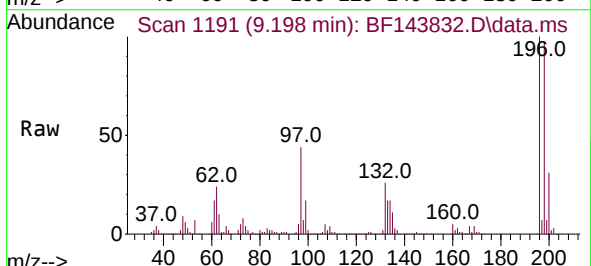
Manual Integrations

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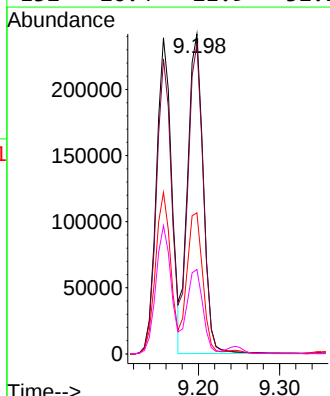
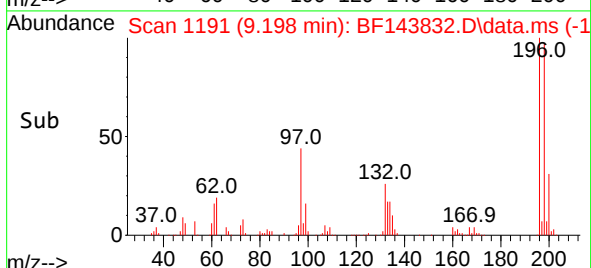
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025

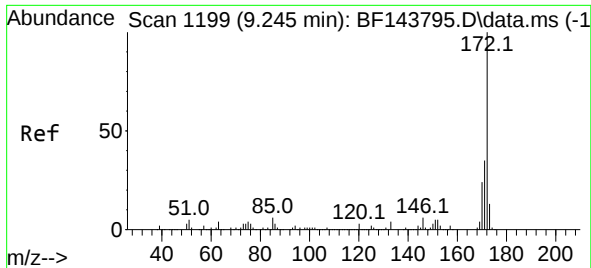


#44
2,4,5-Trichlorophenol
Concen: 46.263 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34



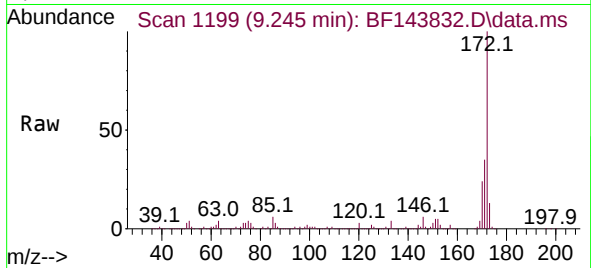
Tgt Ion:196 Resp: 321107
Ion Ratio Lower Upper
196 100
198 96.9 75.9 113.9
97 44.1 38.3 57.5
132 26.4 21.9 32.9





#45
2-Fluorobiphenyl
Concen: 78.457 ng
RT: 9.245 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

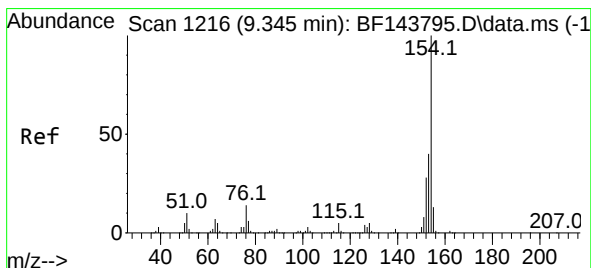
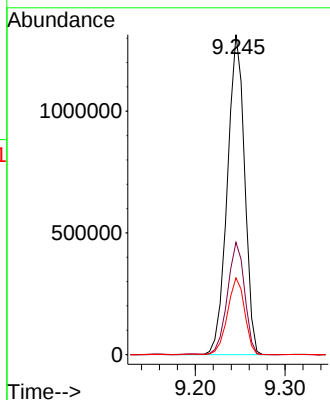
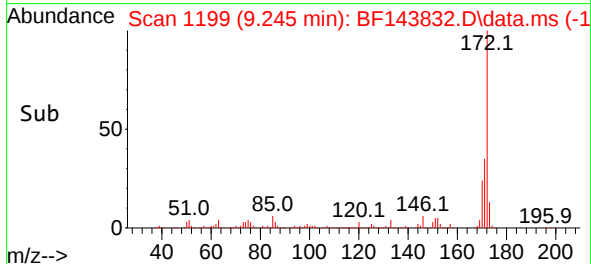
Instrument :
BNA_F
ClientSampleId :
PB169880BS



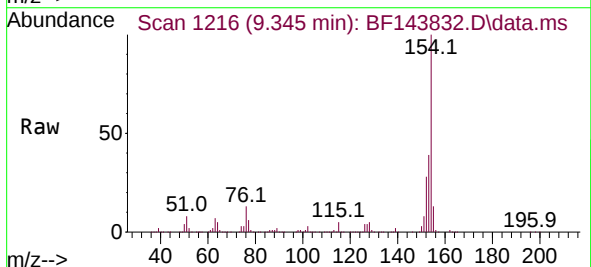
Tgt Ion:172 Resp: 176554
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 24.0 19.1 28.7

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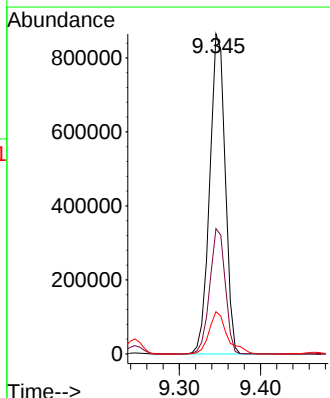
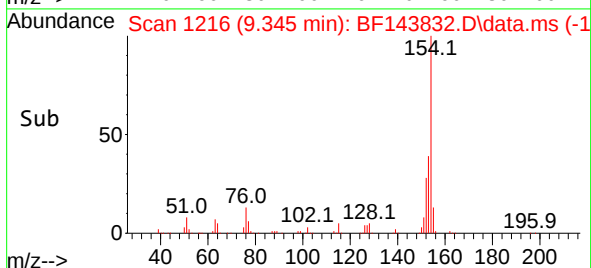
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025

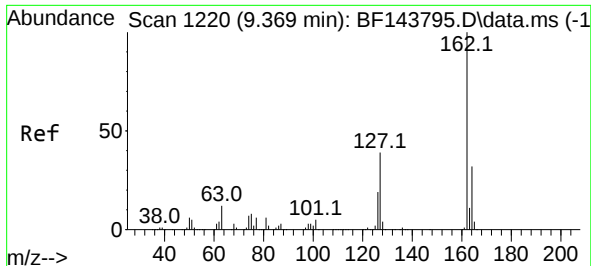


#46
1,1'-Biphenyl
Concen: 45.088 ng
RT: 9.345 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34



Tgt Ion:154 Resp: 1146137
Ion Ratio Lower Upper
154 100
153 39.1 19.7 59.7
76 13.2 0.0 33.8





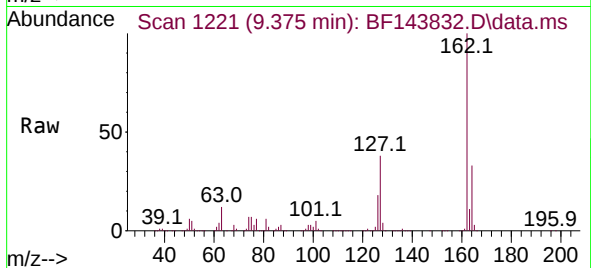
#47
2-Chloronaphthalene
Concen: 41.003 ng
RT: 9.375 min Scan# 1221
Delta R.T. -0.000 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

Instrument :

BNA_F

ClientSampleId :

PB169880BS

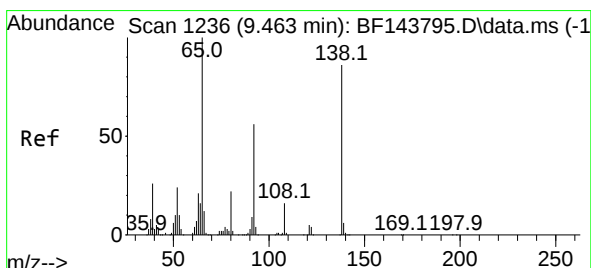
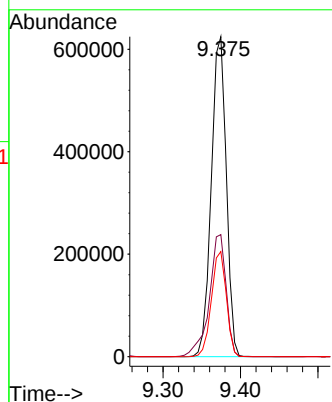
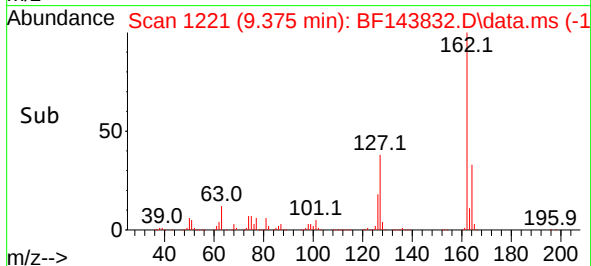


Tgt Ion:162 Resp: 839001
Ion Ratio Lower Upper
162 100
127 38.1 31.5 47.3
164 32.8 25.9 38.9

Manual Integrations

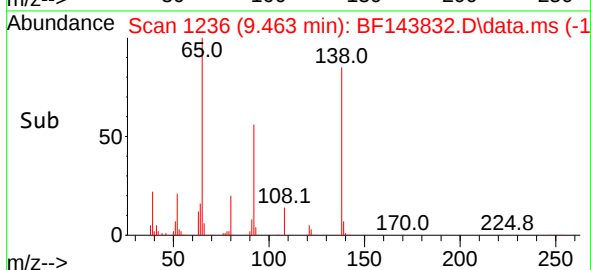
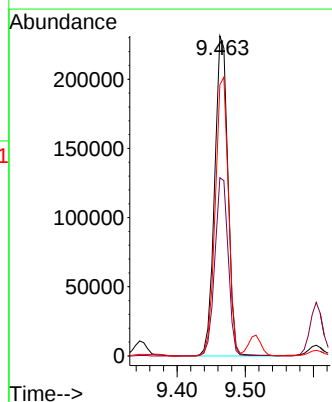
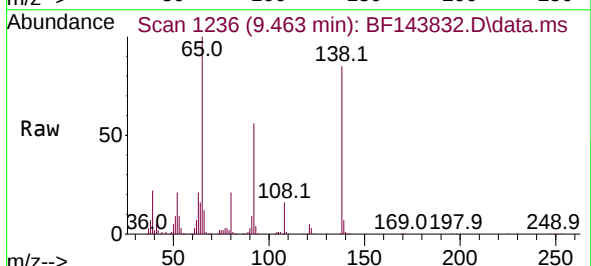
APPROVED

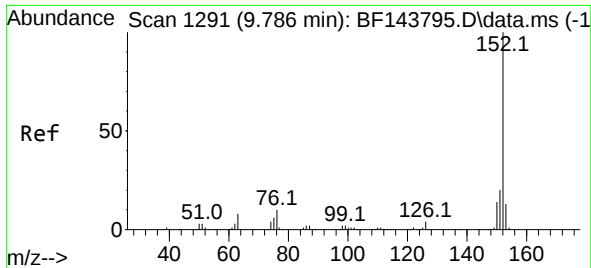
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025



#48
2-Nitroaniline
Concen: 50.226 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

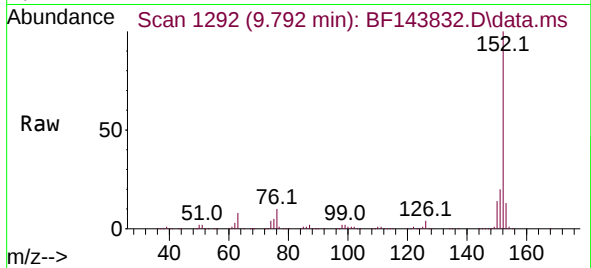
Tgt Ion: 65 Resp: 310613
Ion Ratio Lower Upper
65 100
92 55.7 44.9 67.3
138 84.7 69.0 103.4





#49
Acenaphthylene
Concen: 47.508 ng
RT: 9.792 min Scan# 1291
Delta R.T. 0.006 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

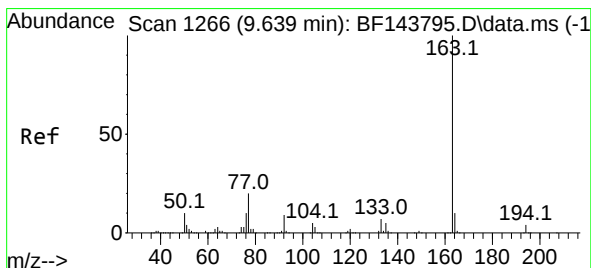
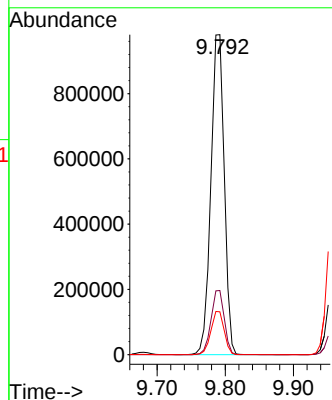
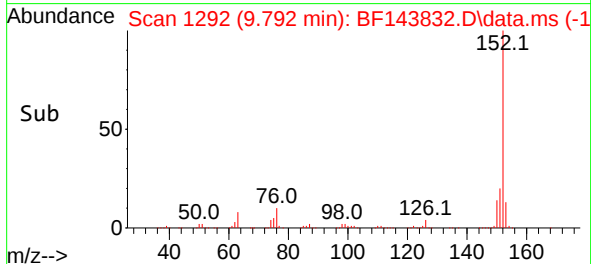
Instrument :
BNA_F
ClientSampleId :
PB169880BS



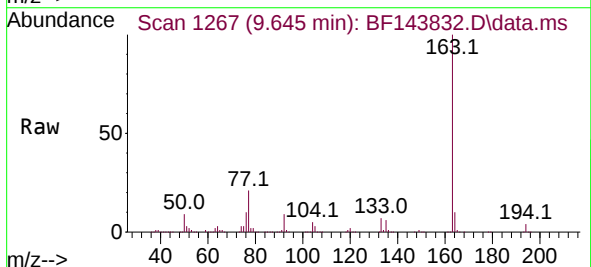
Tgt Ion:152 Resp: 133822
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.4 10.6 15.8

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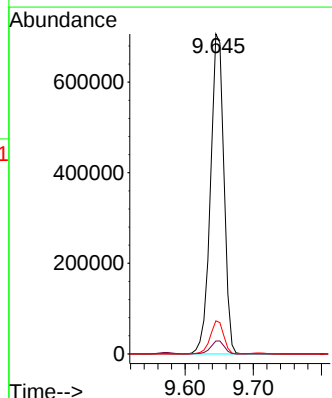
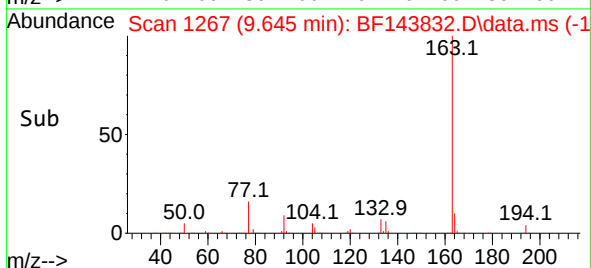
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025

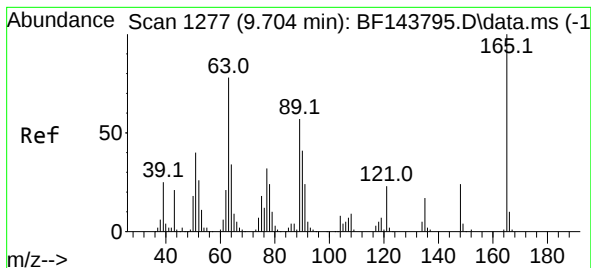


#50
Dimethylphthalate
Concen: 45.170 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.006 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34



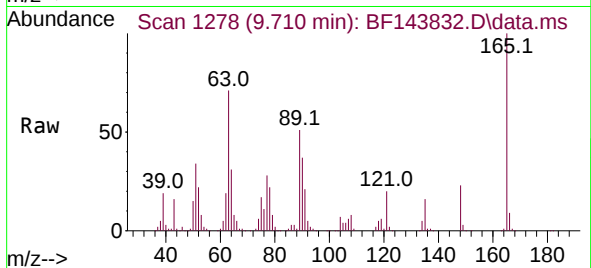
Tgt Ion:163 Resp: 966787
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 58.158 ng
RT: 9.710 min Scan# 1278
Delta R.T. 0.006 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

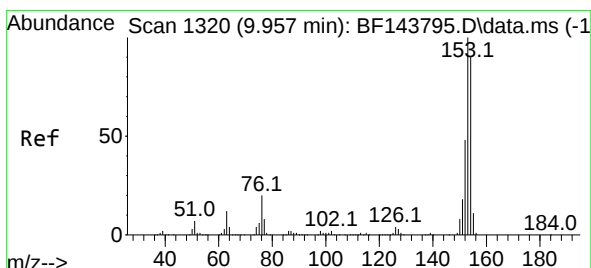
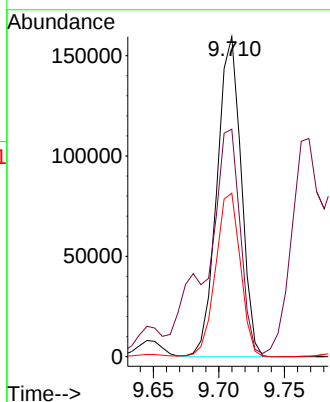
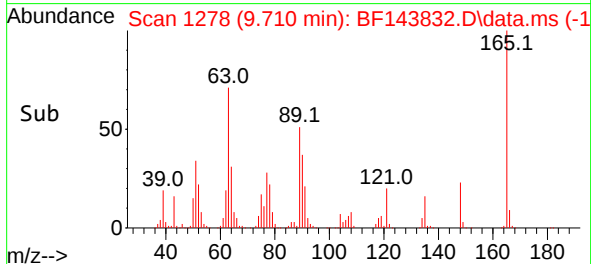
Instrument :
BNA_F
ClientSampleId :
PB169880BS



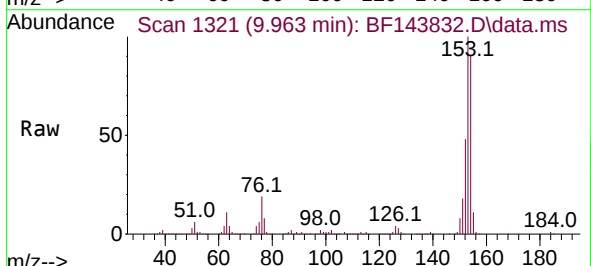
Tgt Ion:165 Resp: 204518
Ion Ratio Lower Upper
165 100
63 71.1 62.6 94.0
89 51.1 45.2 67.8

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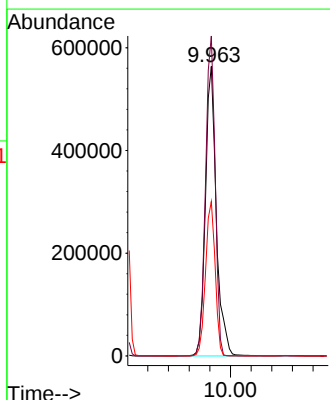
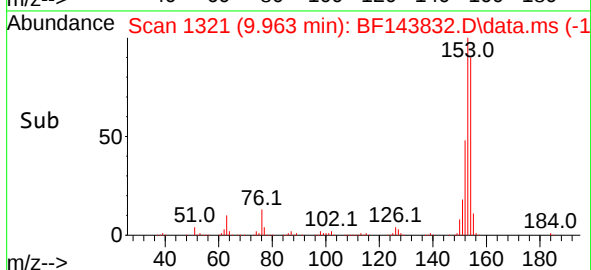
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025

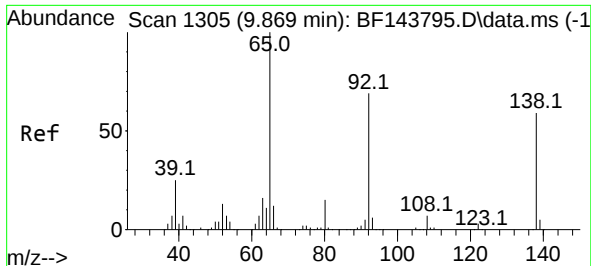


#52
Acenaphthene
Concen: 44.507 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34



Tgt Ion:154 Resp: 825025
Ion Ratio Lower Upper
154 100
153 110.5 88.7 133.1
152 53.3 42.7 64.1





#53
 3-Nitroaniline
 Concen: 35.469 ng
 RT: 9.875 min Scan# 1306
 Delta R.T. -0.000 min
 Lab File: BF143832.D
 Acq: 30 Sep 2025 14:34

Instrument :

BNA_F

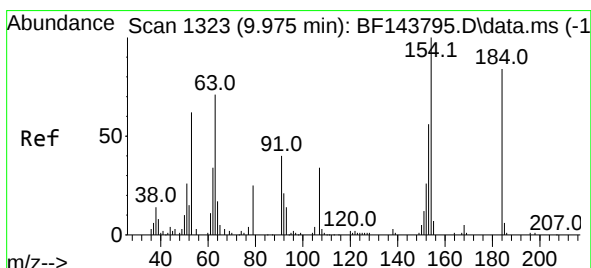
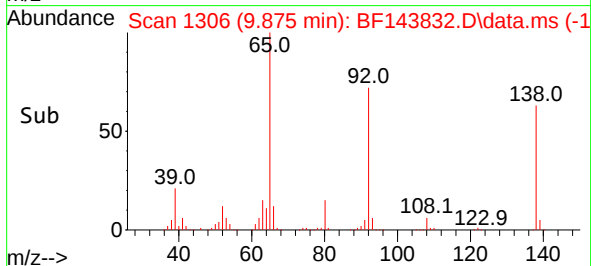
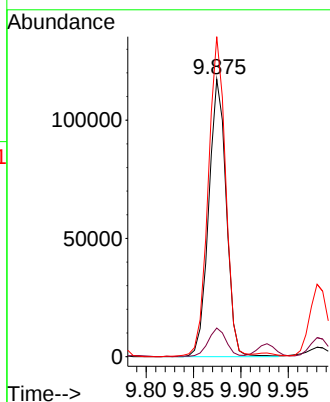
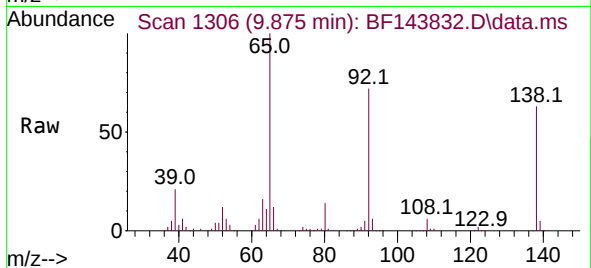
ClientSampleId :

PB169880BS

Tgt Ion:138 Resp: 15118
 Ion Ratio Lower Upper
 138 100
 108 10.3 9.9 14.9
 92 115.4 93.5 140.3

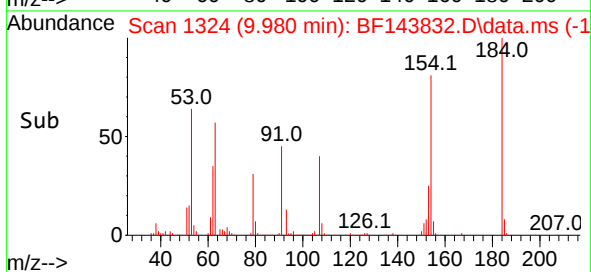
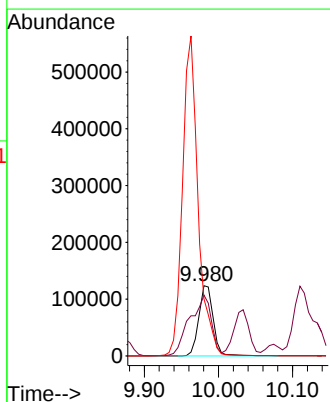
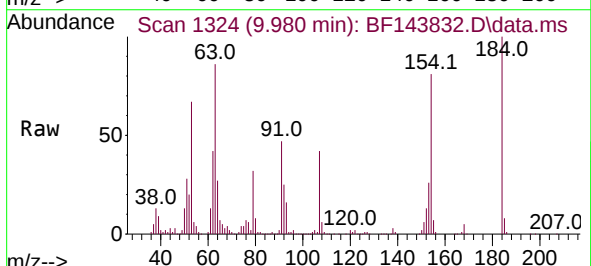
Manual Integrations
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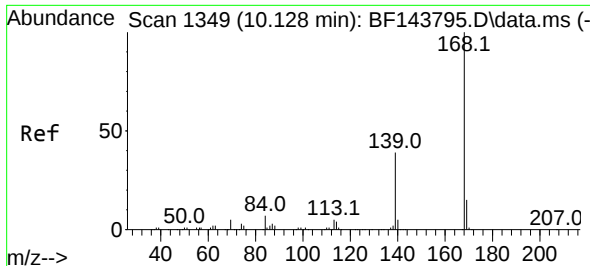
Reviewed By :Rahul Chavli 10/01/2025
 Supervised By :Jagrut Upadhyay 10/01/2025



#54
 2,4-Dinitrophenol
 Concen: 97.461 ng
 RT: 9.980 min Scan# 1324
 Delta R.T. 0.005 min
 Lab File: BF143832.D
 Acq: 30 Sep 2025 14:34

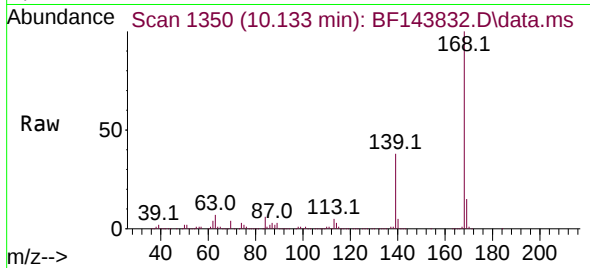
Tgt Ion:184 Resp: 166819
 Ion Ratio Lower Upper
 184 100
 63 86.3 84.6 127.0
 154 81.3 199.3 298.9#





#55
Dibenzenofuran
Concen: 42.806 ng
RT: 10.133 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

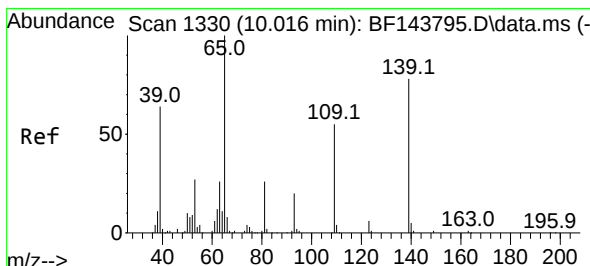
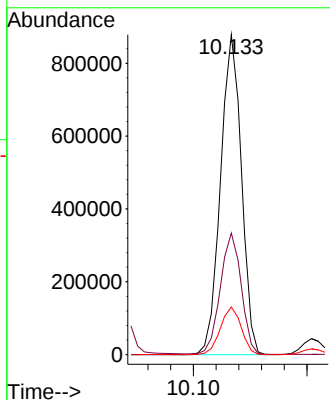
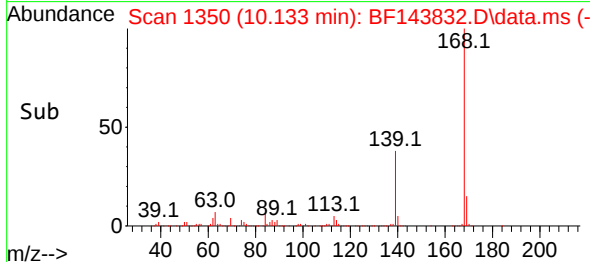
Instrument :
BNA_F
ClientSampleId :
PB169880BS



Tgt Ion:168 Resp: 1122052
Ion Ratio Lower Upper
168 100
139 38.0 31.0 46.6
169 14.9 11.9 17.9

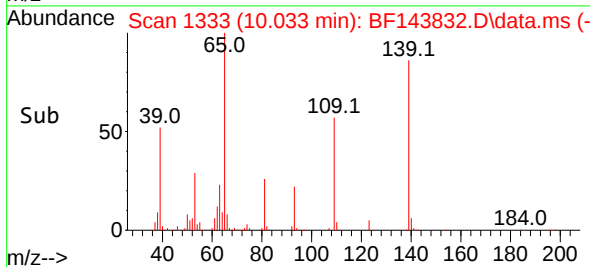
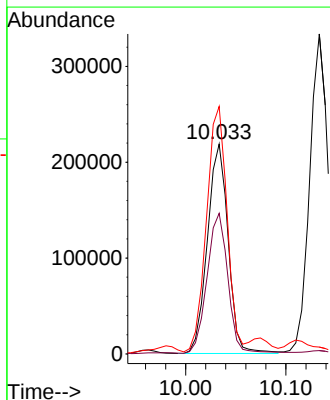
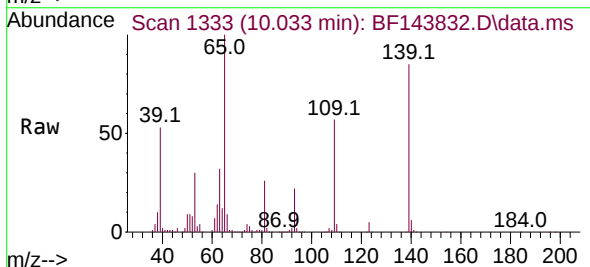
Manual Integrations
APPROVED

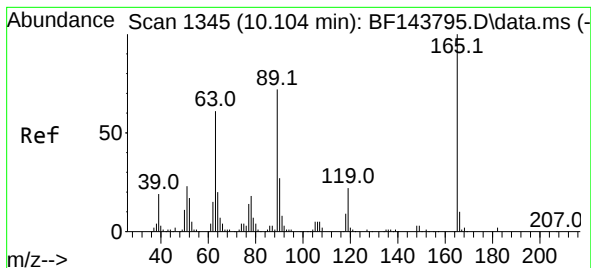
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025



#56
4-Nitrophenol
Concen: 91.386 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.012 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

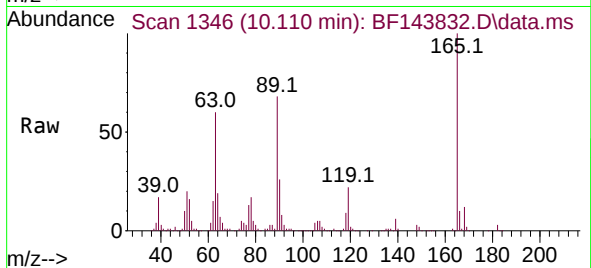
Tgt Ion:139 Resp: 313904
Ion Ratio Lower Upper
139 100
109 67.0 50.2 90.2
65 117.9 109.2 149.2





#57
2,4-Dinitrotoluene
Concen: 51.233 ng
RT: 10.110 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

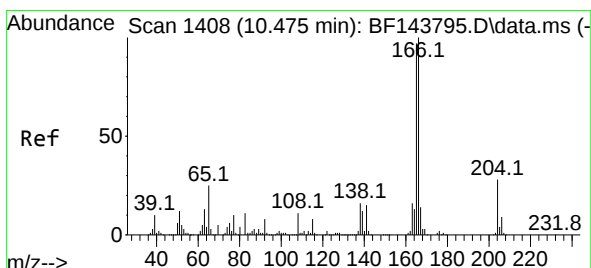
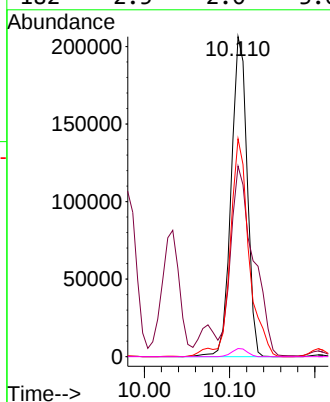
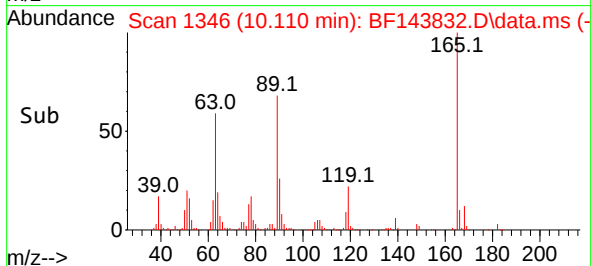
Instrument :
BNA_F
ClientSampleId :
PB169880BS



Tgt Ion:165 Resp: 268510
Ion Ratio Lower Upper
165 100
63 59.5 48.9 73.3
89 68.1 57.5 86.3
182 2.5 2.0 3.0

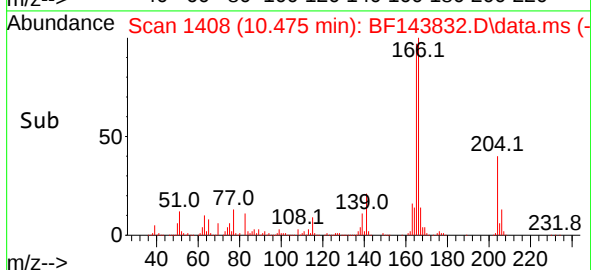
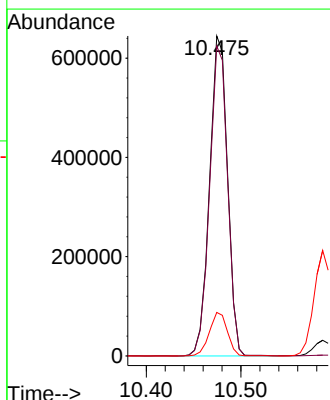
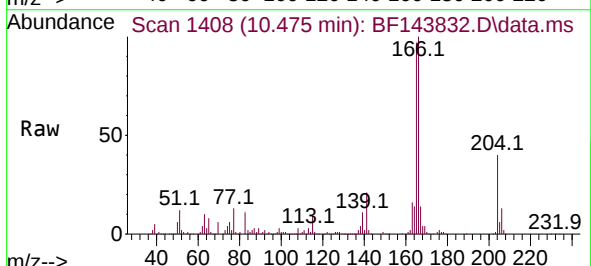
Manual Integrations
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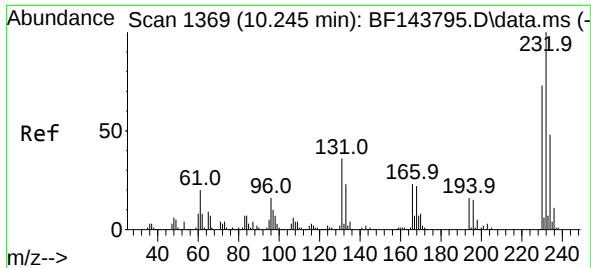
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025



#58
Fluorene
Concen: 43.683 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

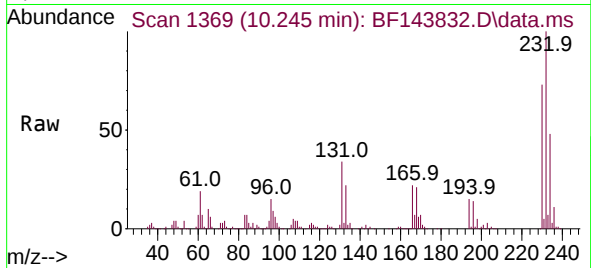
Tgt Ion:166 Resp: 851254
Ion Ratio Lower Upper
166 100
165 96.8 78.0 117.0
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 54.381 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.000 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

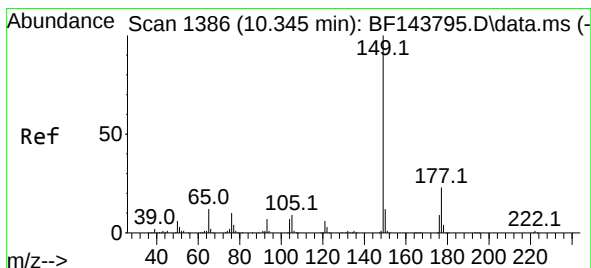
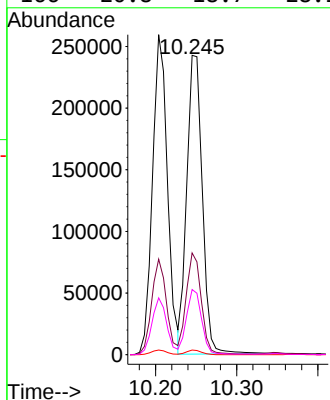
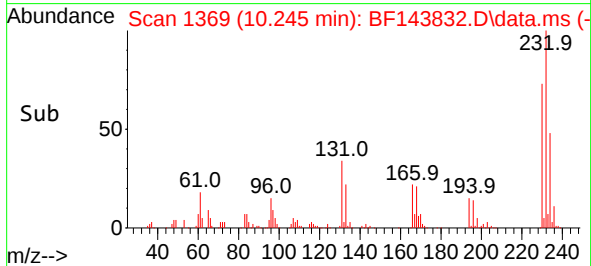
Instrument :
BNA_F
ClientSampleId :
PB169880BS



Tgt Ion:232 Resp: 323356
Ion Ratio Lower Upper
232 100
131 32.9 29.4 44.2
130 1.5 1.3 1.9
166 20.8 18.7 28.1

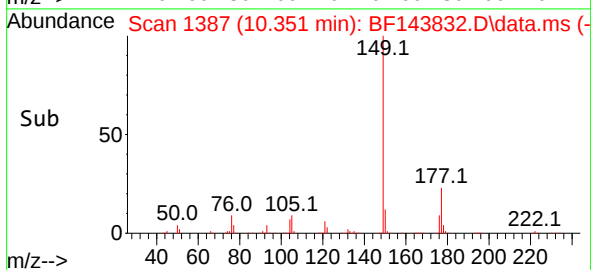
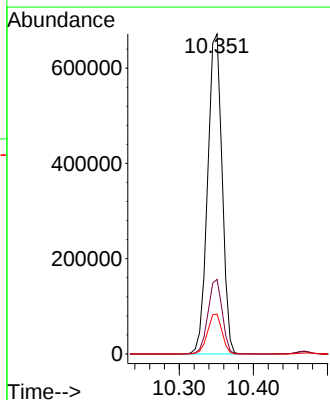
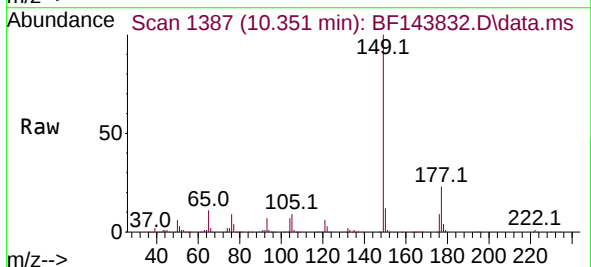
Manual Integrations
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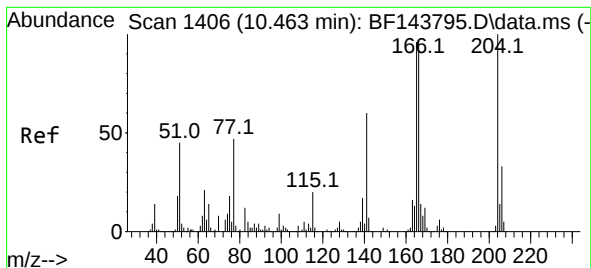
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025



#60
Diethylphthalate
Concen: 45.311 ng
RT: 10.351 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

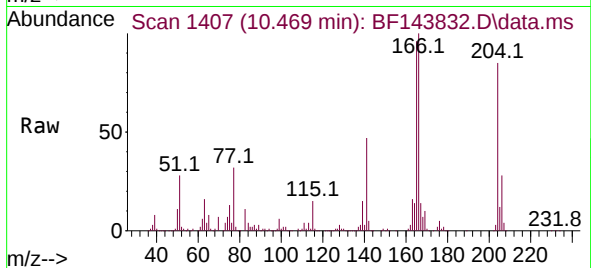
Tgt Ion:149 Resp: 907832
Ion Ratio Lower Upper
149 100
177 23.3 18.1 27.1
150 12.4 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 45.023 ng
RT: 10.469 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

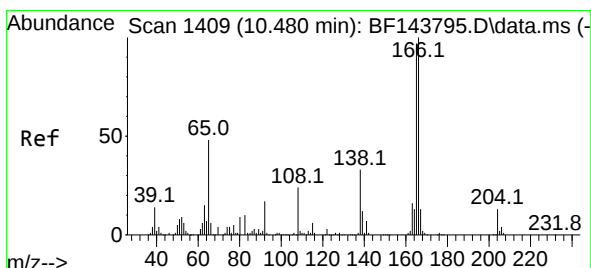
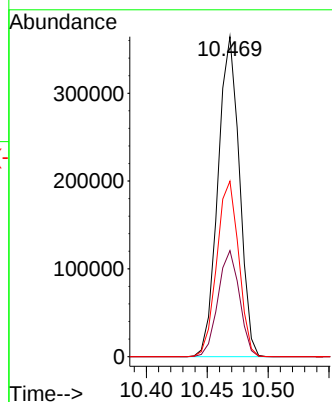
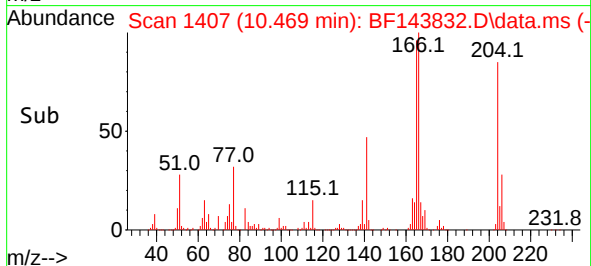
Instrument :
BNA_F
ClientSampleId :
PB169880BS



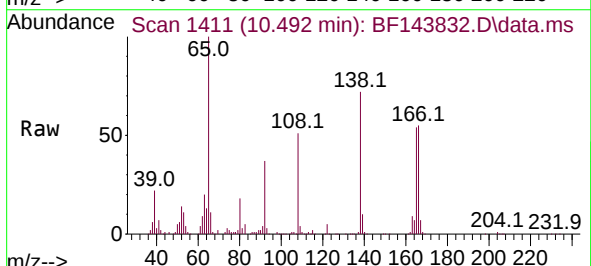
Tgt Ion:204 Resp: 447042
Ion Ratio Lower Upper
204 100
206 33.1 26.7 40.1
141 54.8 48.2 72.2

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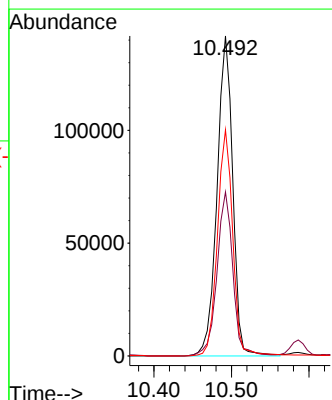
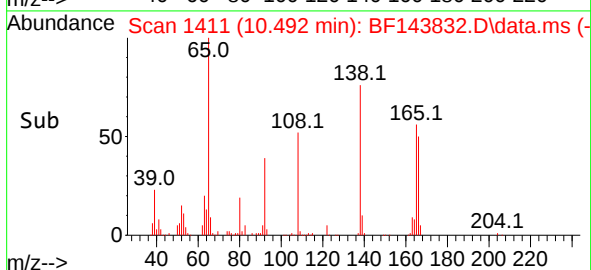
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025

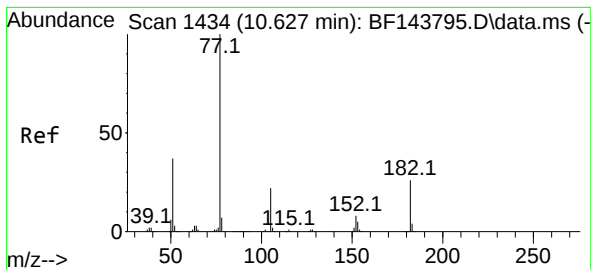


#62
4-Nitroaniline
Concen: 49.739 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34



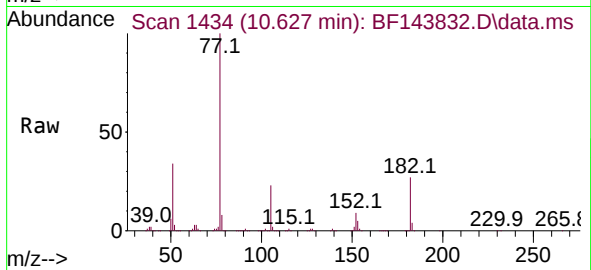
Tgt Ion:138 Resp: 199352
Ion Ratio Lower Upper
138 100
92 51.2 31.5 71.5
108 70.6 51.9 91.9





#63
Azobenzene
Concen: 43.249 ng
RT: 10.627 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

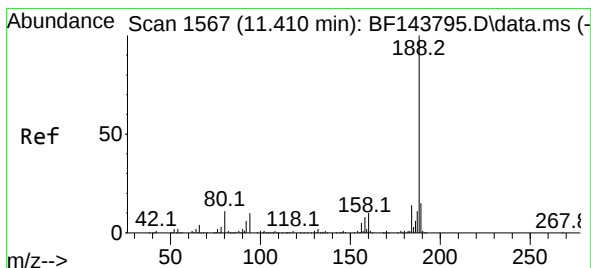
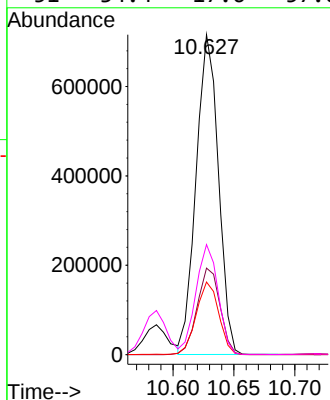
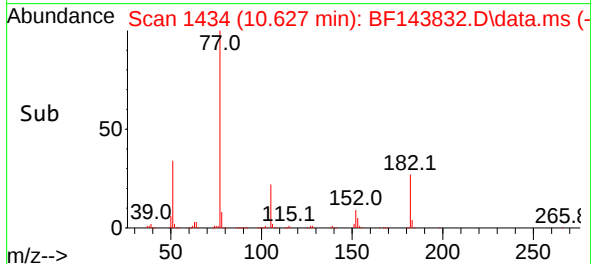
Instrument :
BNA_F
ClientSampleId :
PB169880BS



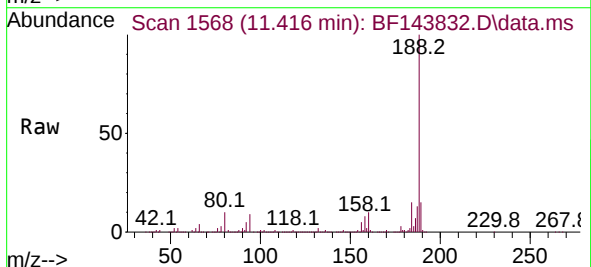
Tgt Ion: 77 Resp: 913219
Ion Ratio Lower Upper
77 100
182 27.0 5.9 45.9
105 22.7 2.3 42.3
51 34.4 17.6 57.6

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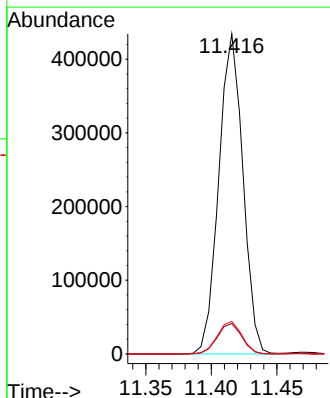
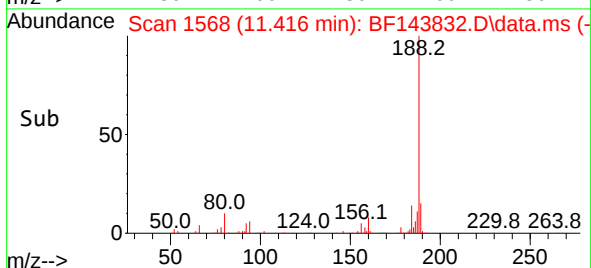
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025

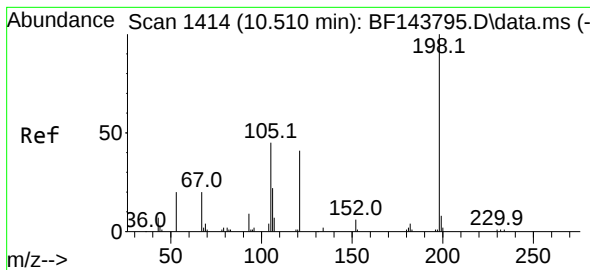


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34



Tgt Ion:188 Resp: 557066
Ion Ratio Lower Upper
188 100
94 9.5 8.2 12.2
80 10.1 8.6 12.8





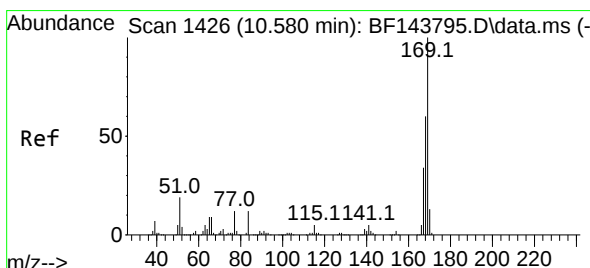
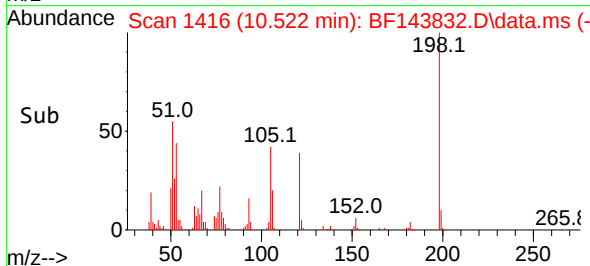
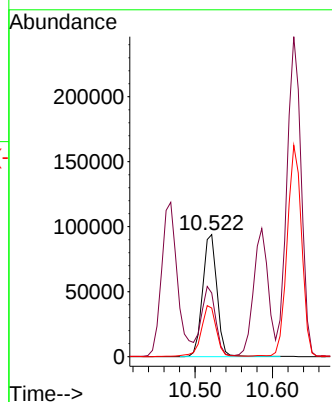
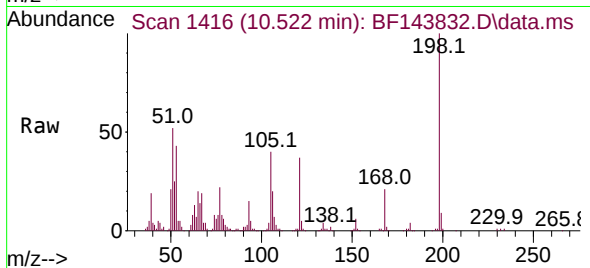
#65
4,6-Dinitro-2-methylphenol
Concen: 56.270 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

Instrument :
BNA_F
ClientSampleId :
PB169880BS

Tgt Ion:198 Resp: 120529
Ion Ratio Lower Upper
198 100
51 52.1 52.0 92.0
105 39.8 27.5 67.5

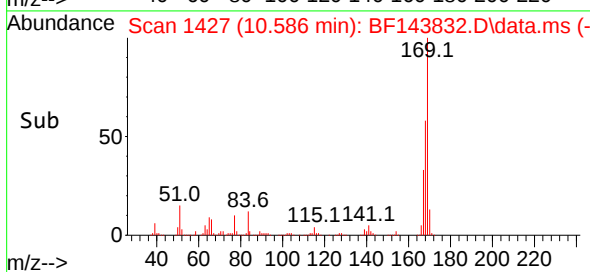
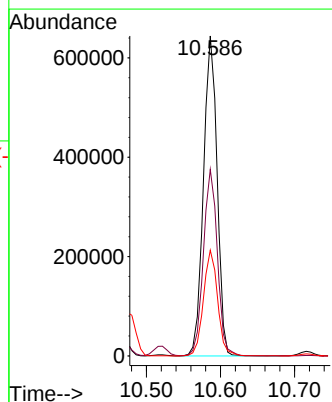
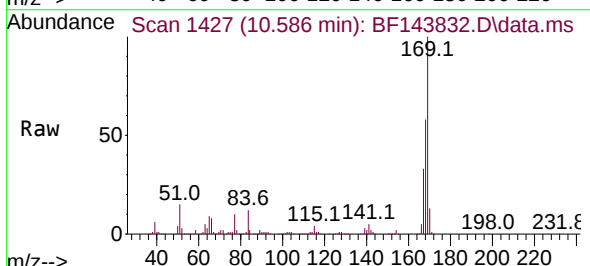
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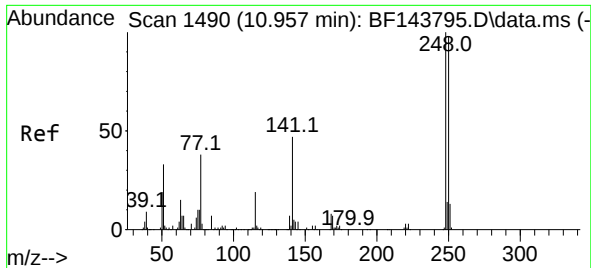
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025



#66
n-Nitrosodiphenylamine
Concen: 44.956 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

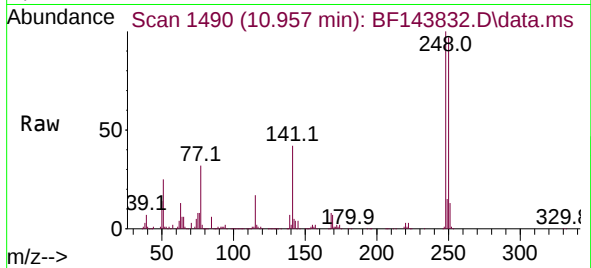
Tgt Ion:169 Resp: 823601
Ion Ratio Lower Upper
169 100
168 58.3 47.9 71.9
167 33.0 27.0 40.6





#67
4-Bromophenyl-phenylether
Concen: 49.607 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

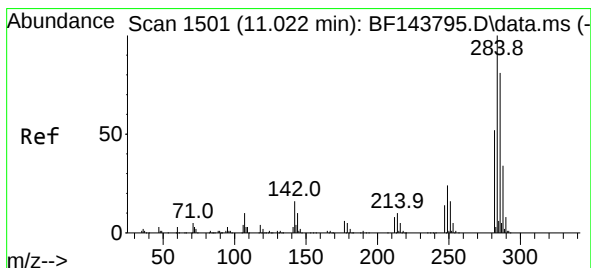
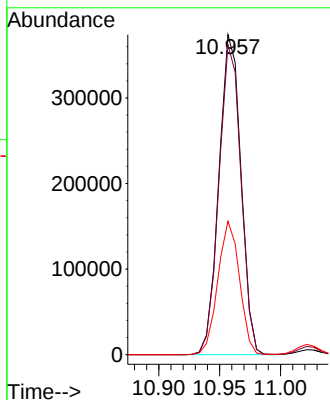
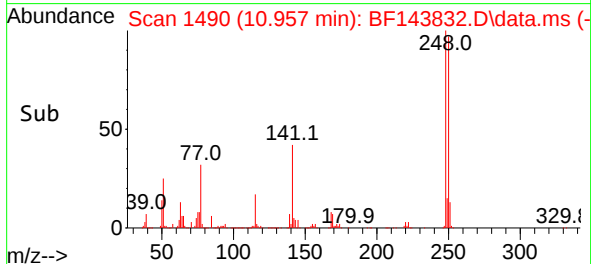
Instrument :
BNA_F
ClientSampleId :
PB169880BS



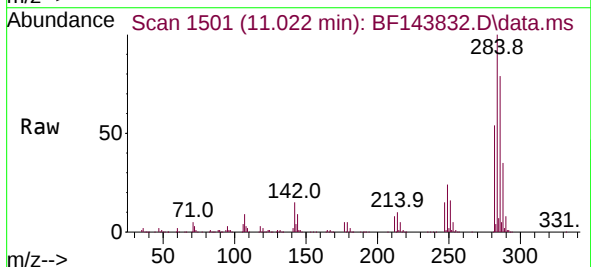
Tgt Ion:248 Resp: 470941
Ion Ratio Lower Upper
248 100
250 96.8 78.7 118.1
141 41.7 37.9 56.9

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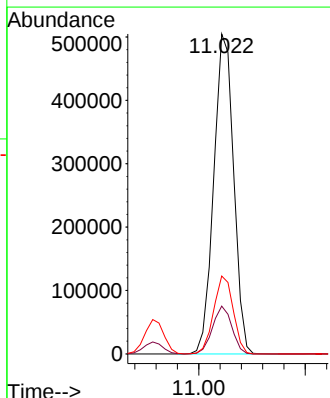
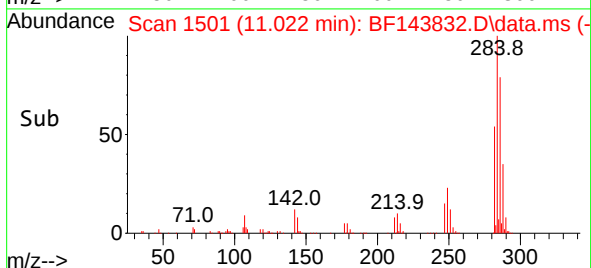
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025

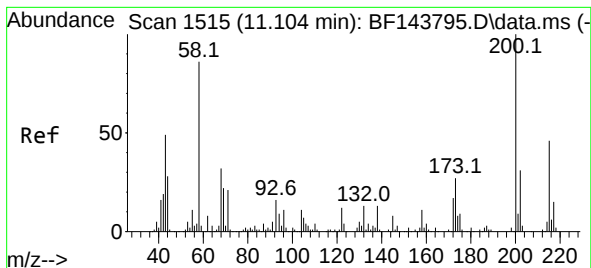


#68
Hexachlorobenzene
Concen: 50.132 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34



Tgt Ion:284 Resp: 655868
Ion Ratio Lower Upper
284 100
142 14.9 13.1 19.7
249 24.3 19.5 29.3





#69

Atrazine

Concen: 49.132 ng

RT: 11.110 min Scan# 1516

Delta R.T. -0.000 min

Lab File: BF143832.D

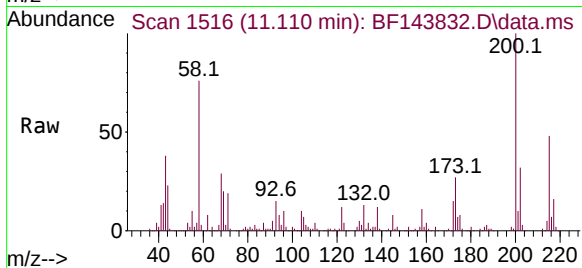
Acq: 30 Sep 2025 14:34

Instrument :

BNA_F

ClientSampleId :

PB169880BS



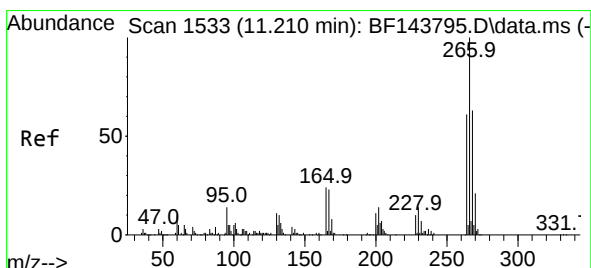
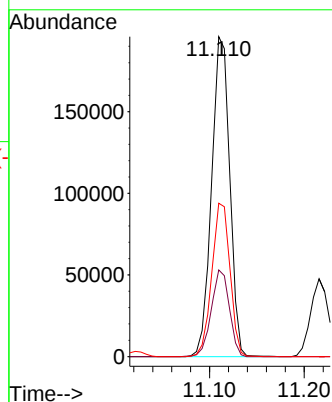
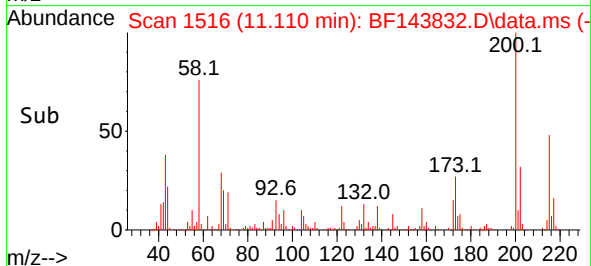
Tgt Ion:200	Resp: 260652
Ion Ratio	Lower Upper
200 100	
173 27.1	7.2 47.2
215 47.9	26.0 66.0

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Reviewed By :Rahul Chavli 10/01/2025

Supervised By :Jagrut Upadhyay 10/01/2025



#70

Pentachlorophenol

Concen: 104.047 ng

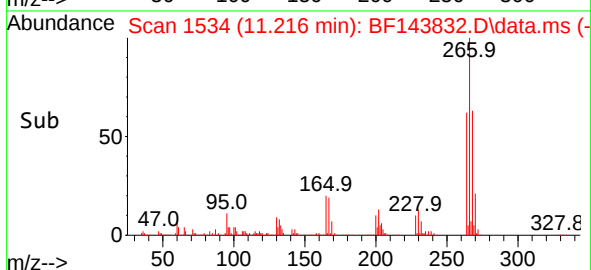
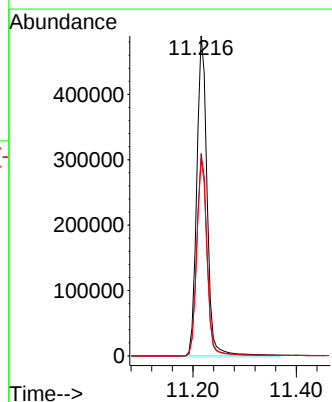
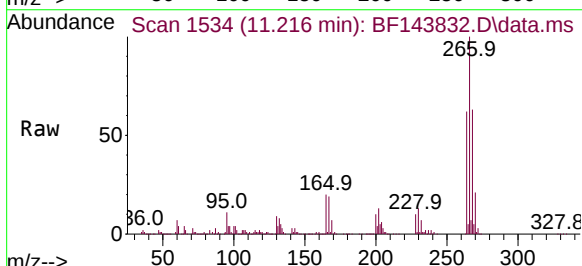
RT: 11.216 min Scan# 1534

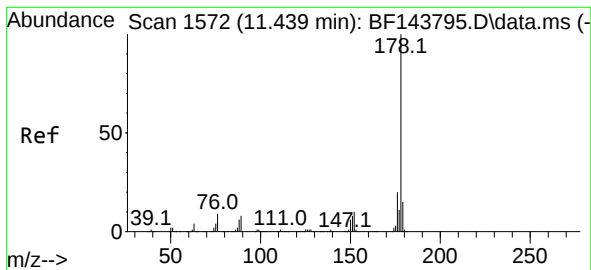
Delta R.T. -0.000 min

Lab File: BF143832.D

Acq: 30 Sep 2025 14:34

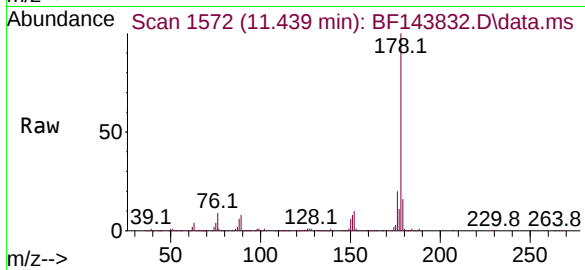
Tgt Ion:266	Resp: 677583
Ion Ratio	Lower Upper
266 100	
268 63.2	50.5 75.7
264 61.7	48.8 73.2





#71
Phenanthrene
Concen: 42.930 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.000 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

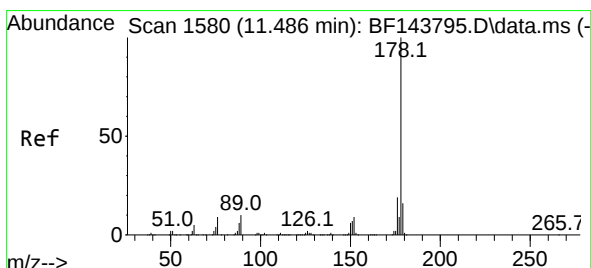
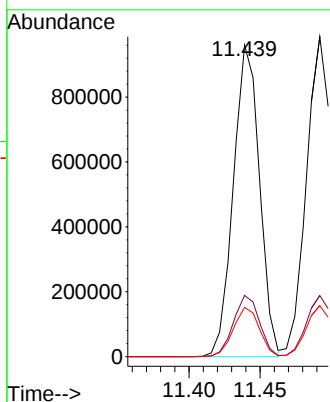
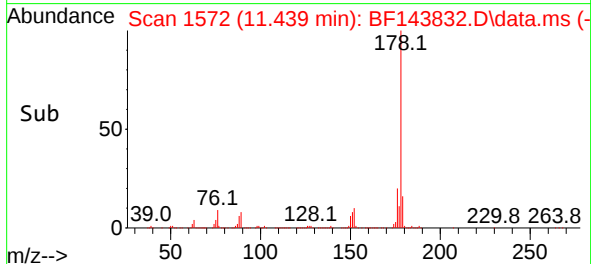
Instrument :
BNA_F
ClientSampleId :
PB169880BS



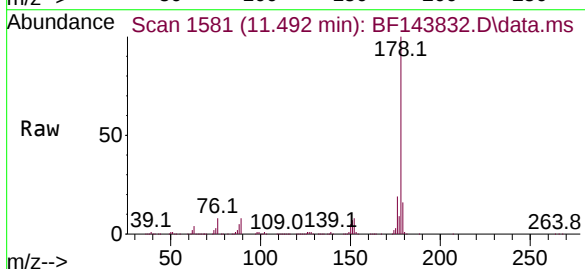
Tgt Ion:178 Resp: 1227780
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.8 12.2 18.4

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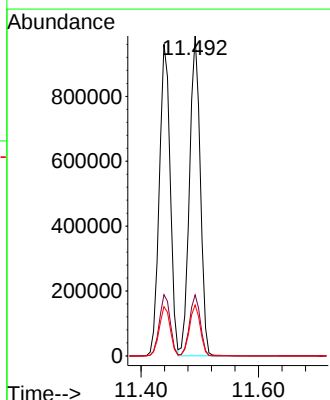
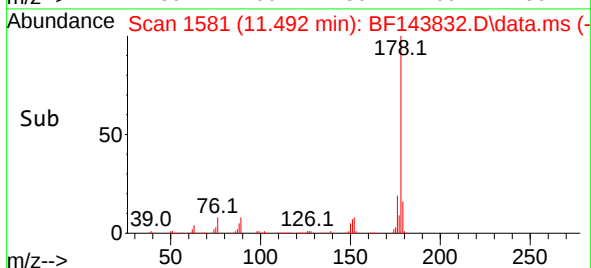
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025

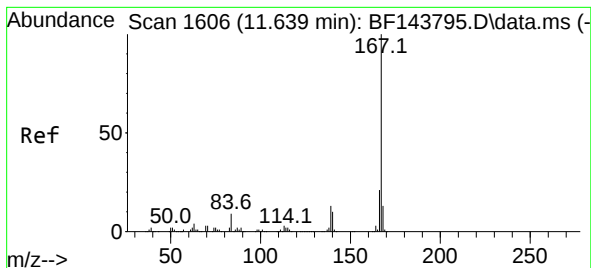


#72
Anthracene
Concen: 43.737 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34



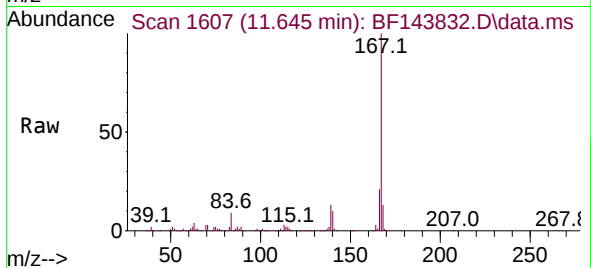
Tgt Ion:178 Resp: 1254719
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.9 12.8 19.2





#73
 Carbazole
 Concen: 43.182 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. -0.000 min
 Lab File: BF143832.D
 Acq: 30 Sep 2025 14:34

Instrument :
 BNA_F
 ClientSampleId :
 PB169880BS

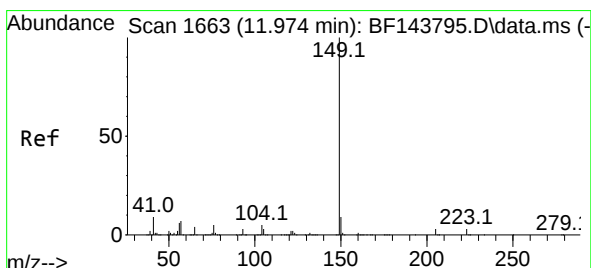
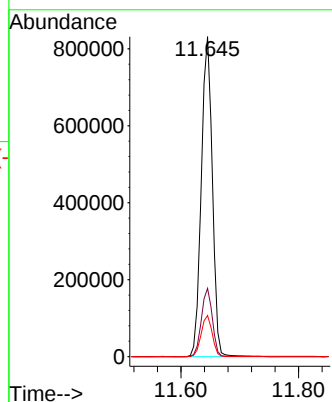
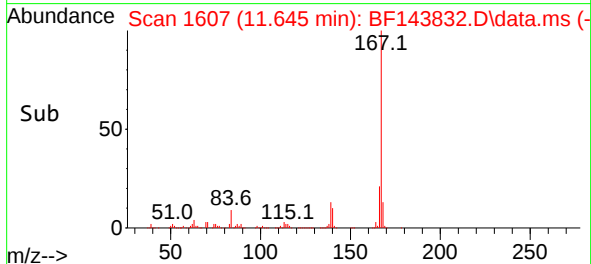


Tgt Ion:167 Resp: 1083105

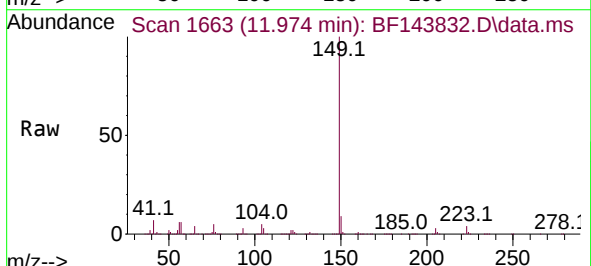
Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.4
139	12.8	10.6	15.8

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

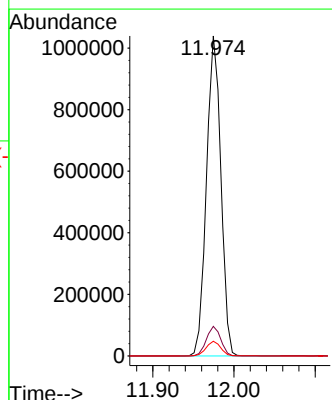
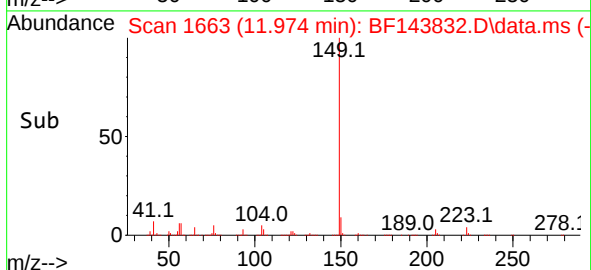


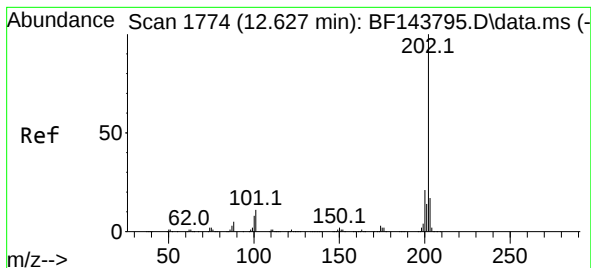
#74
 Di-n-butylphthalate
 Concen: 44.508 ng
 RT: 11.974 min Scan# 1663
 Delta R.T. -0.000 min
 Lab File: BF143832.D
 Acq: 30 Sep 2025 14:34



Tgt Ion:149 Resp: 1283897

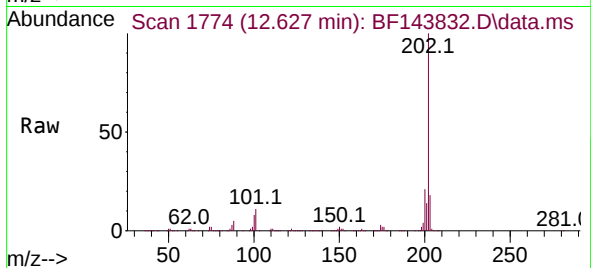
Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.6	3.6	5.4





#75
Fluoranthene
Concen: 43.032 ng
RT: 12.627 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

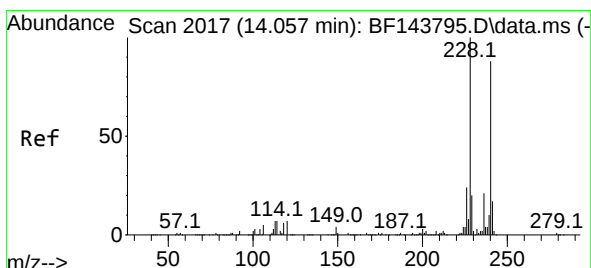
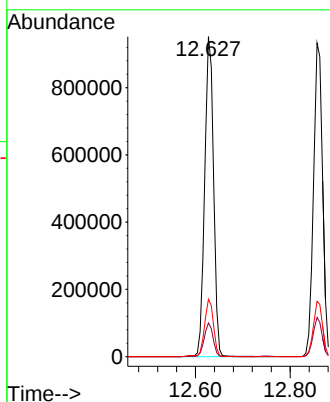
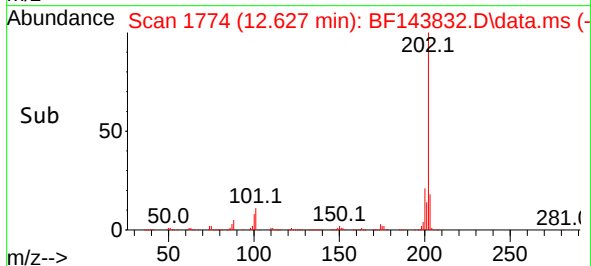
Instrument :
BNA_F
ClientSampleId :
PB169880BS



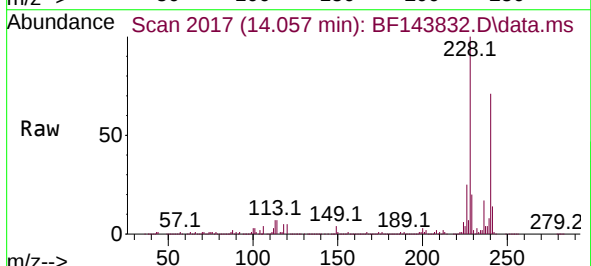
Tgt Ion:202 Resp: 1237804
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.1
203 17.9 0.0 37.4

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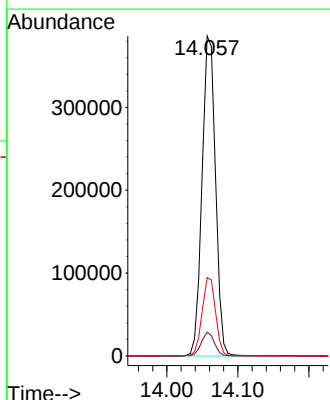
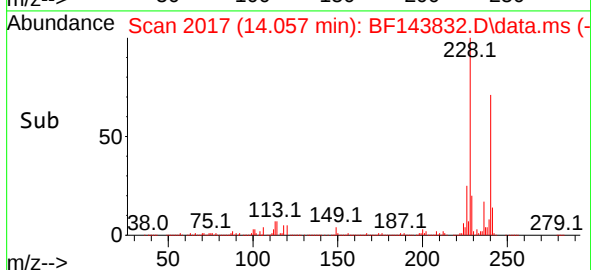
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025

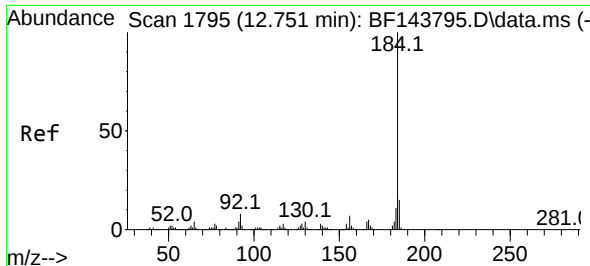


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34



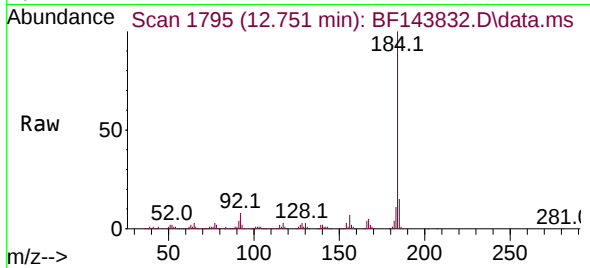
Tgt Ion:240 Resp: 507394
Ion Ratio Lower Upper
240 100
120 7.4 6.2 9.4
236 24.5 19.4 29.2





#77
Benzidine
Concen: 32.285 ng
RT: 12.751 min Scan# 1795
Delta R.T. -0.000 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

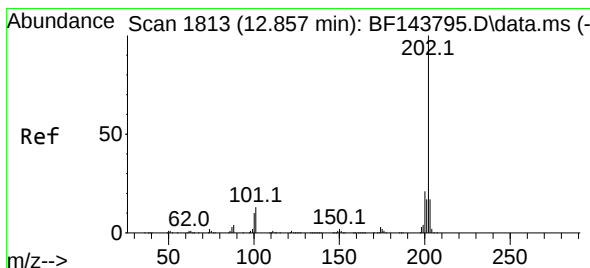
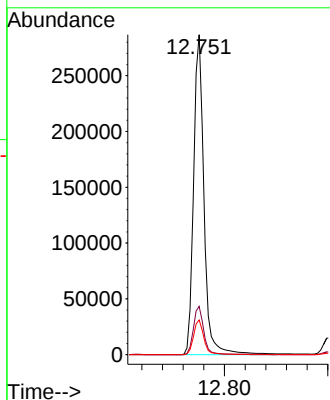
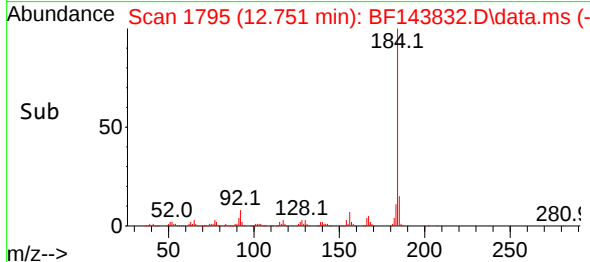
Instrument :
BNA_F
ClientSampleId :
PB169880BS



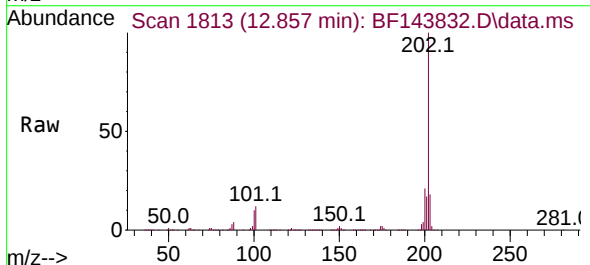
Tgt Ion:184 Resp: 399172
Ion Ratio Lower Upper
184 100
185 15.1 11.6 17.4
183 10.8 8.6 13.0

Manual Integrations
APPROVED

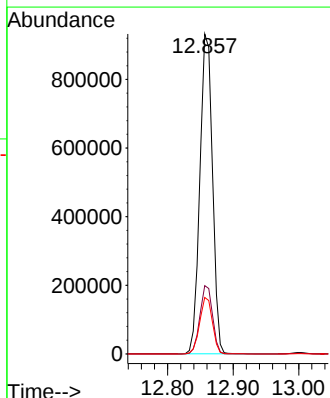
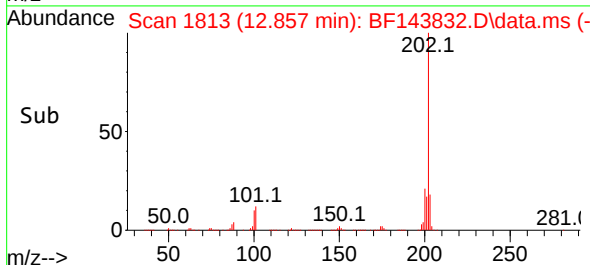
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025

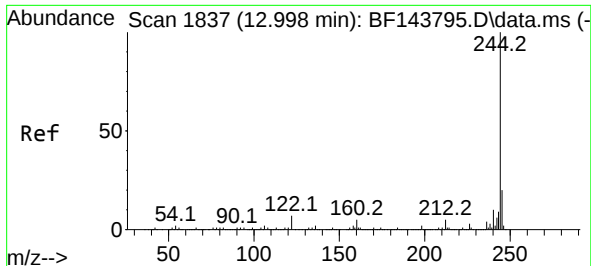


#78
Pyrene
Concen: 49.680 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34



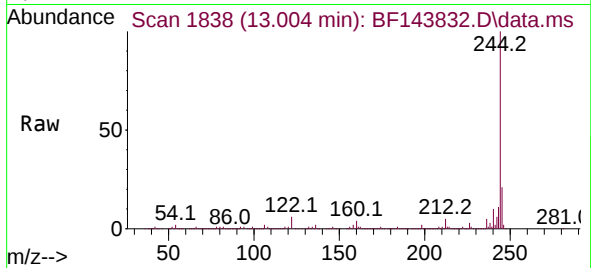
Tgt Ion:202 Resp: 1239293
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 17.6 13.9 20.9





#79
Terphenyl-d14
Concen: 96.788 ng
RT: 13.004 min Scan# 1837
Delta R.T. -0.000 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

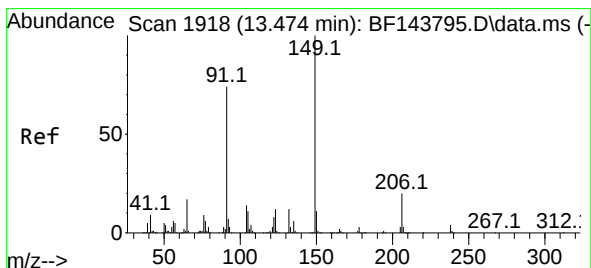
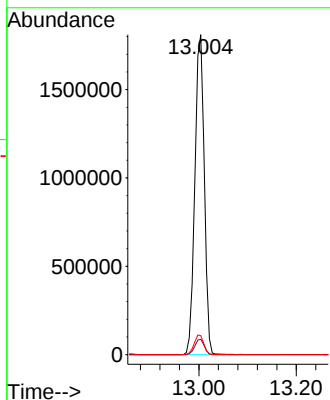
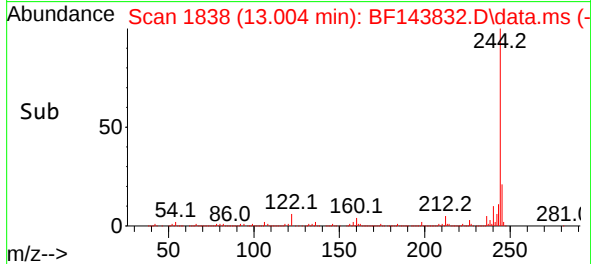
Instrument :
BNA_F
ClientSampleId :
PB169880BS



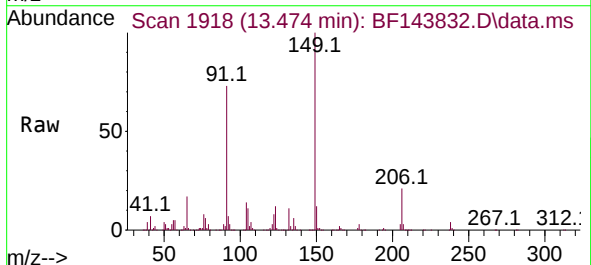
Tgt Ion:244 Resp: 2414733
Ion Ratio Lower Upper
244 100
212 4.8 3.9 5.9
122 6.0 5.6 8.4

Manual Integrations
APPROVED

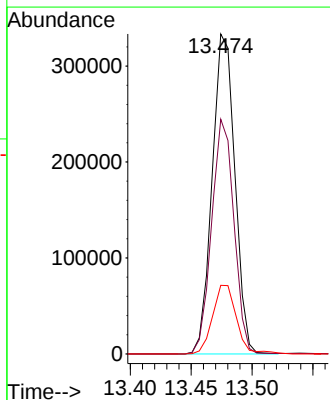
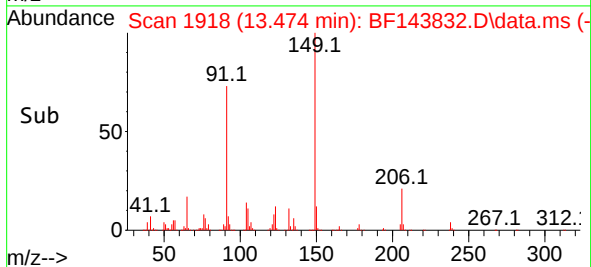
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025

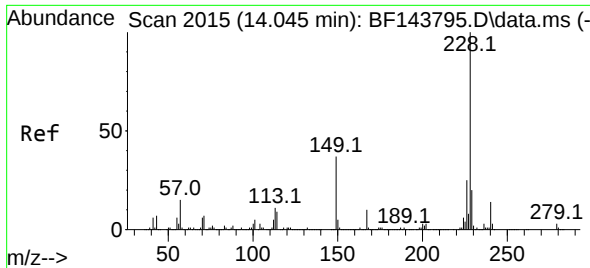


#80
Butylbenzylphthalate
Concen: 50.118 ng
RT: 13.474 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34



Tgt Ion:149 Resp: 432539
Ion Ratio Lower Upper
149 100
91 73.3 59.5 89.3
206 21.4 16.1 24.1





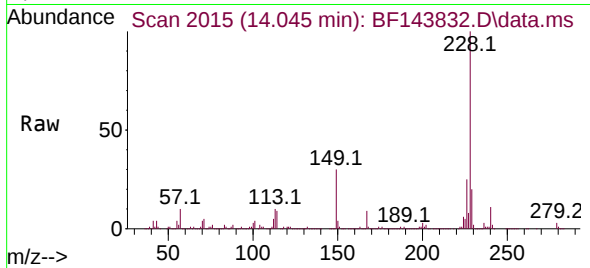
#81
Benzo(a)anthracene
Concen: 45.270 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

Instrument :

BNA_F

ClientSampleId :

PB169880BS



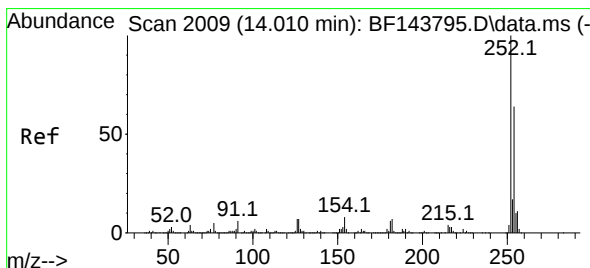
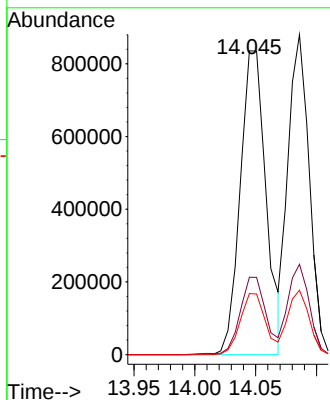
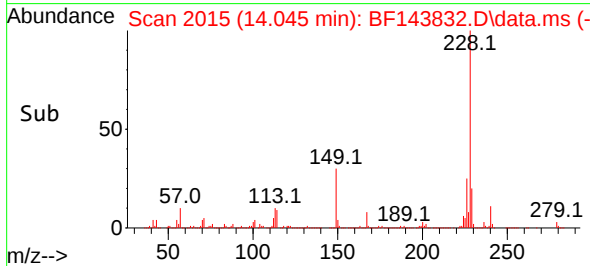
Tgt Ion:228 Resp: 123396
Ion Ratio Lower Upper
228 100
226 25.5 20.2 30.2
229 20.1 16.1 24.1

Manual Integrations

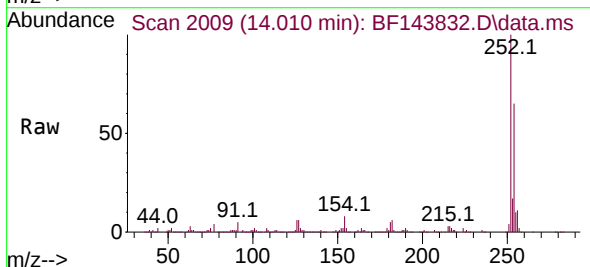
APPROVED

Reviewed By :Rahul Chavli 10/01/2025

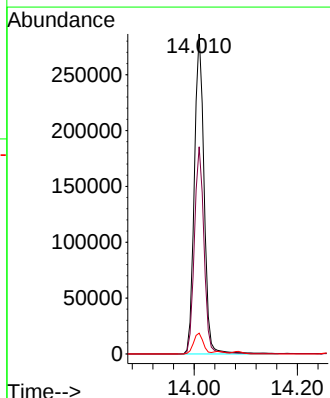
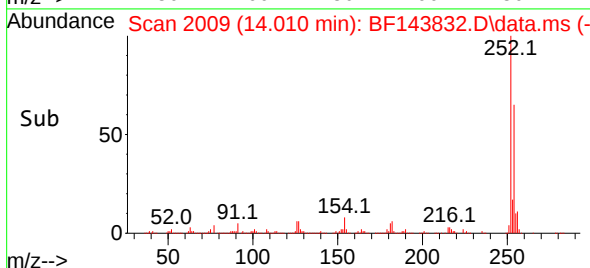
Supervised By :Jagrut Upadhyay 10/01/2025

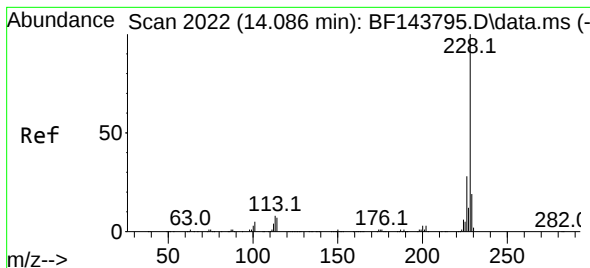


#82
3,3'-Dichlorobenzidine
Concen: 31.573 ng
RT: 14.010 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34



Tgt Ion:252 Resp: 372840
Ion Ratio Lower Upper
252 100
254 64.7 51.5 77.3
126 6.5 5.4 8.2





#83

Chrysene

Concen: 43.474 ng

RT: 14.086 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF143832.D

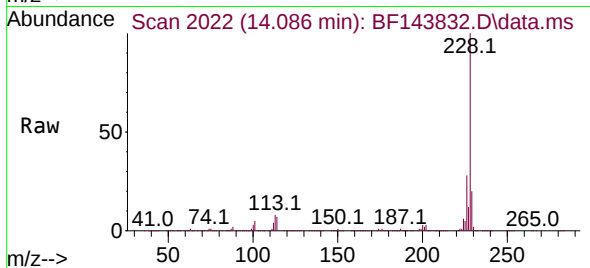
Acq: 30 Sep 2025 14:34

Instrument :

BNA_F

ClientSampleId :

PB169880BS



Tgt Ion:228 Resp: 107227

Ion Ratio Lower Upper

228 100

226 28.2 22.6 33.8

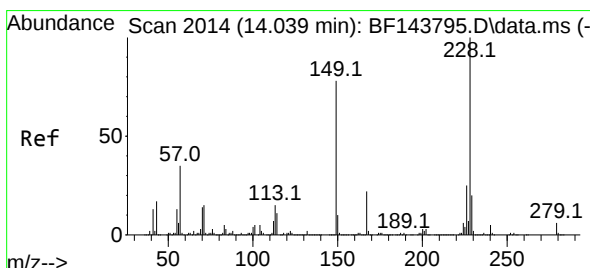
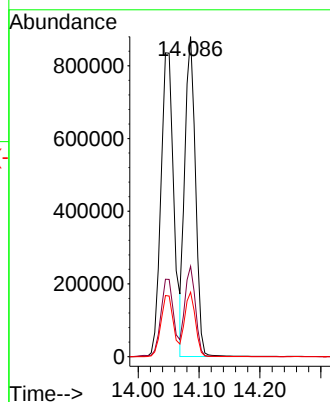
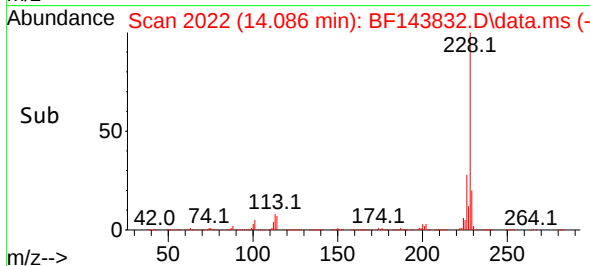
229 20.1 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/01/2025

Supervised By :Jagrut Upadhyay 10/01/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.324 ng

RT: 14.039 min Scan# 2014

Delta R.T. -0.000 min

Lab File: BF143832.D

Acq: 30 Sep 2025 14:34

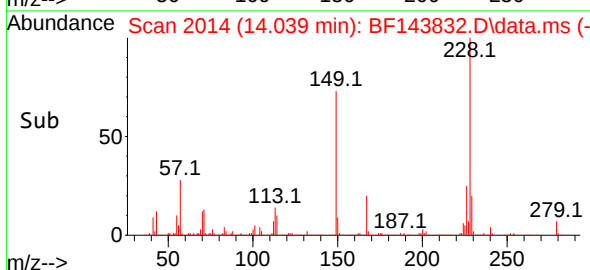
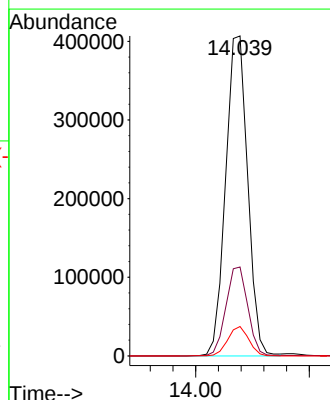
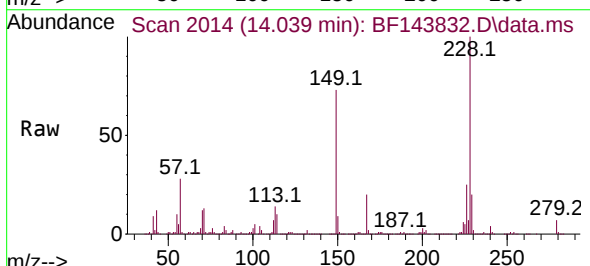
Tgt Ion:149 Resp: 548071

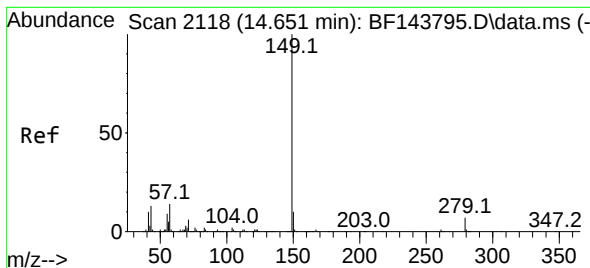
Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.2

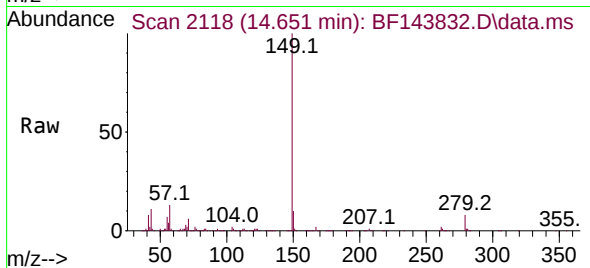
279 9.2 6.0 9.0#





#85
Di-n-octyl phthalate
Concen: 40.183 ng
RT: 14.651 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

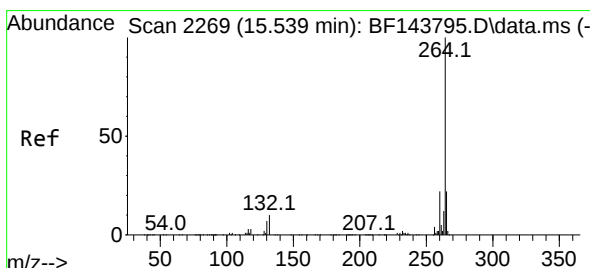
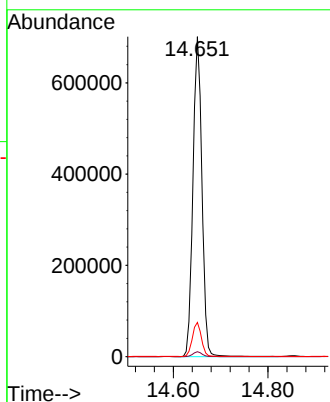
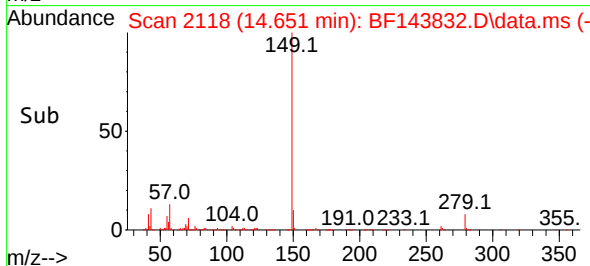
Instrument :
BNA_F
ClientSampleId :
PB169880BS



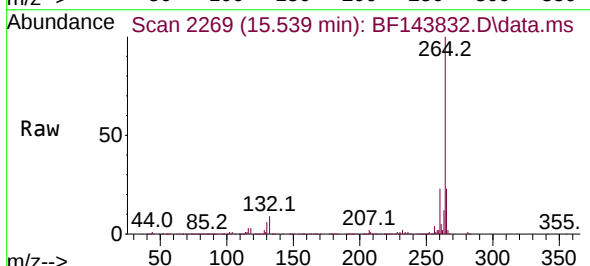
Tgt Ion:149 Resp: 922091
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.7 10.7 16.1

Manual Integrations
APPROVED

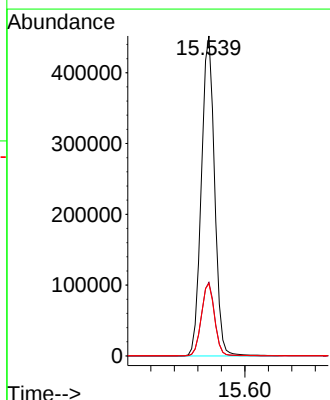
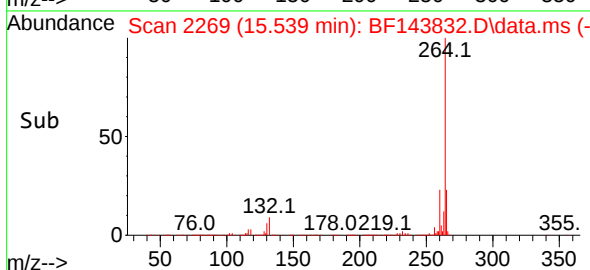
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025

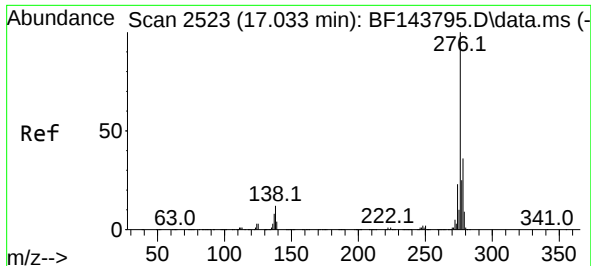


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34



Tgt Ion:264 Resp: 705082
Ion Ratio Lower Upper
264 100
260 23.0 17.9 26.9
265 22.6 17.7 26.5





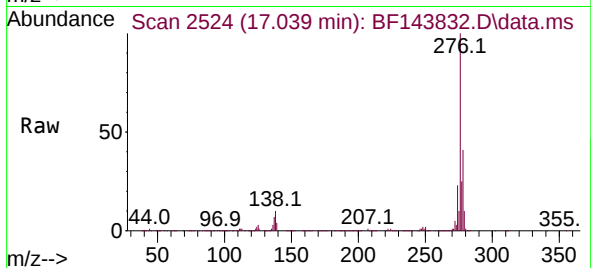
#87
Indeno(1,2,3-cd)pyrene
Concen: 48.512 ng
RT: 17.039 min Scan# 2523
Delta R.T. -0.006 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

Instrument :

BNA_F

ClientSampleId :

PB169880BS



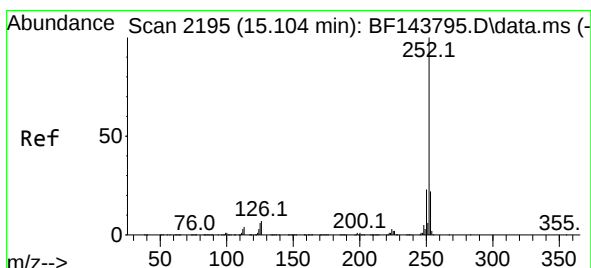
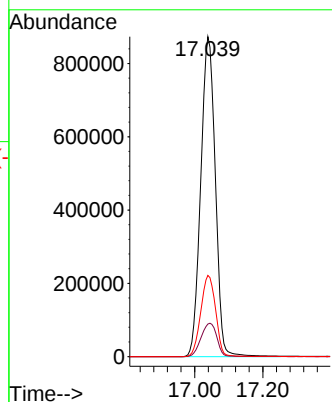
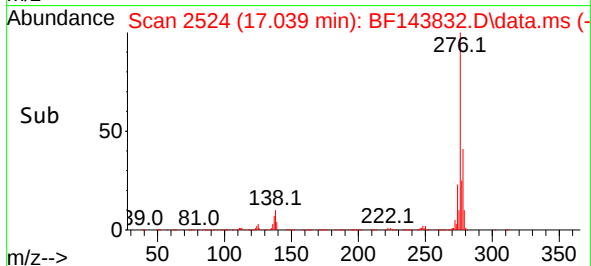
Tgt Ion:276 Resp: 2595286
Ion Ratio Lower Upper
276 100
138 11.3 10.6 15.8
277 25.8 20.7 31.1

Manual Integrations

APPROVED

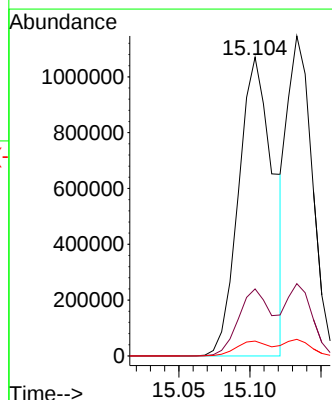
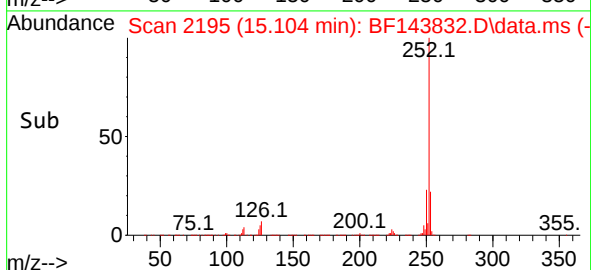
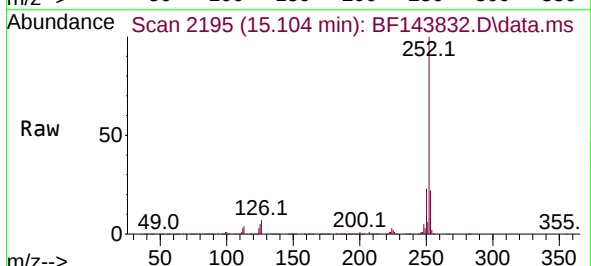
Reviewed By :Rahul Chavli 10/01/2025

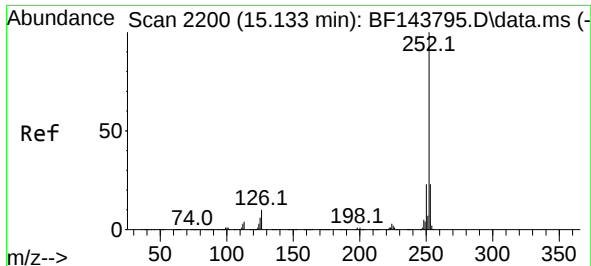
Supervised By :Jagrut Upadhyay 10/01/2025



#88
Benzo(b)fluoranthene
Concen: 50.689 ng
RT: 15.104 min Scan# 2195
Delta R.T. -0.000 min
Lab File: BF143832.D
Acq: 30 Sep 2025 14:34

Tgt Ion:252 Resp: 1820049
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 5.0 4.4 6.6





#89

Benzo(k)fluoranthene

Concen: 39.221 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.006 min

Lab File: BF143832.D

Acq: 30 Sep 2025 14:34

Instrument :

BNA_F

ClientSampleId :

PB169880BS

Tgt Ion:252 Resp: 1414832

Ion Ratio Lower Upper

252 100

253 22.6 17.9 26.9

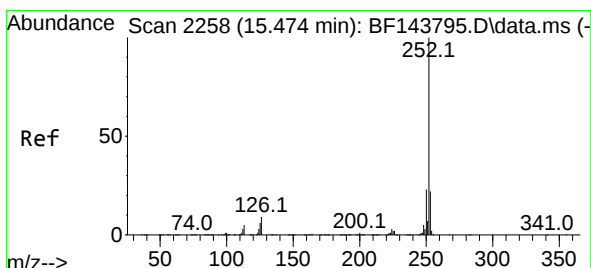
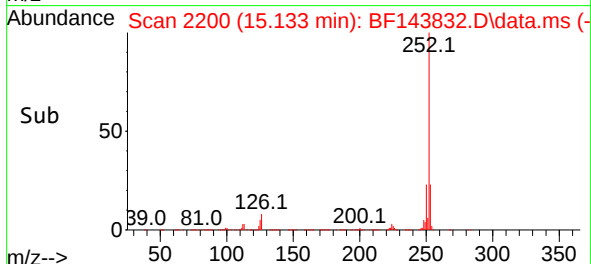
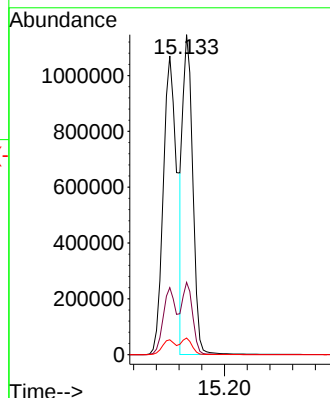
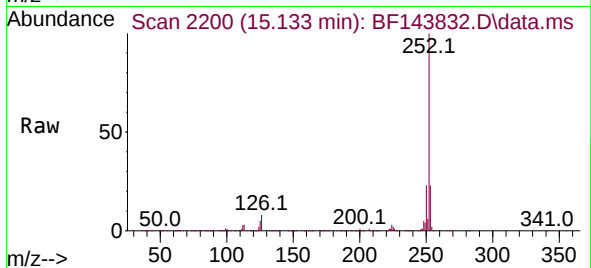
125 5.2 4.6 6.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/01/2025

Supervised By :Jagrut Upadhyay 10/01/2025



#90

Benzo(a)pyrene

Concen: 46.962 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF143832.D

Acq: 30 Sep 2025 14:34

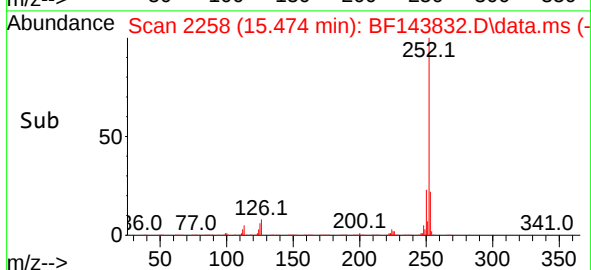
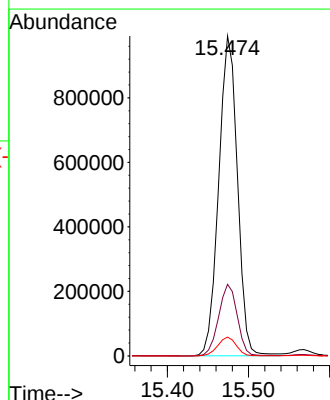
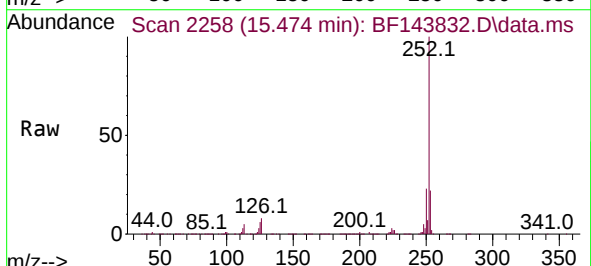
Tgt Ion:252 Resp: 1585027

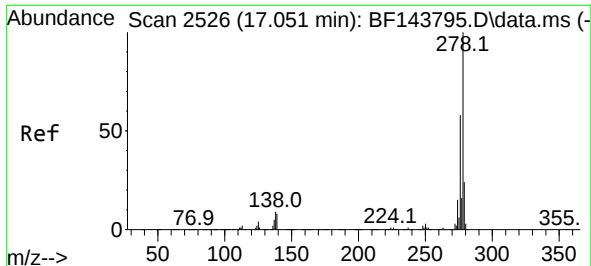
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 5.9 5.0 7.4





#91

Dibenzo(a,h)anthracene

Concen: 48.499 ng

RT: 17.056 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143832.D

Acq: 30 Sep 2025 14:34

Instrument :

BNA_F

ClientSampleId :

PB169880BS

Tgt Ion:278 Resp: 2122139

Ion Ratio Lower Upper

278 100

139 7.5 6.7 10.1

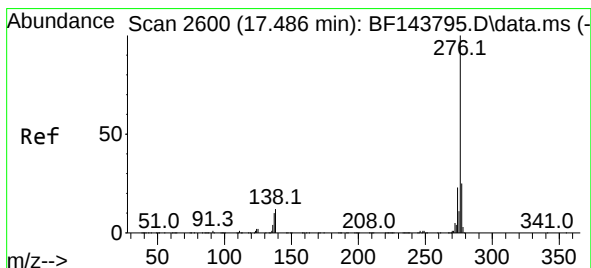
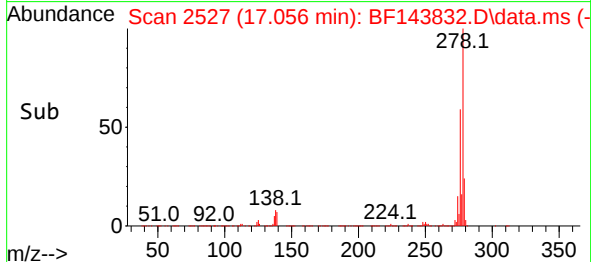
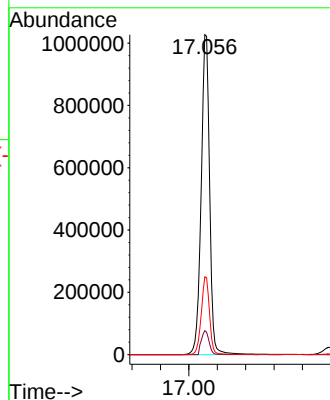
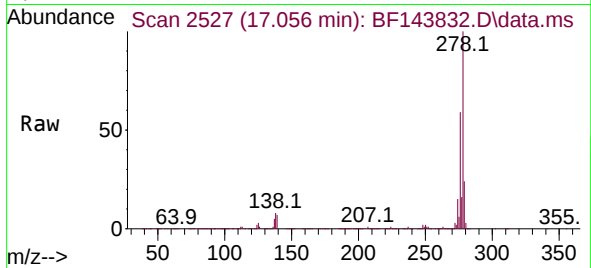
279 24.3 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/01/2025

Supervised By :Jagrut Upadhyay 10/01/2025



#92

Benzo(g,h,i)perylene

Concen: 50.363 ng

RT: 17.492 min Scan# 2601

Delta R.T. -0.012 min

Lab File: BF143832.D

Acq: 30 Sep 2025 14:34

Tgt Ion:276 Resp: 2124276

Ion Ratio Lower Upper

276 100

277 25.0 19.6 29.4

138 10.2 9.2 13.8

