

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
 Data File : BF143774.D
 Acq On : 16 Sep 2025 14:45
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/17/2025
 Supervised By :Jagrut Upadhyay 09/17/2025

Quant Time: Sep 16 16:06:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 16 15:40:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	5597	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	20538	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	10687	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	17155	20.000	ng	0.00
76) Chrysene-d12	14.074	240	11666	20.000	ng	0.00
86) Perylene-d12	15.557	264	10294	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	58803	167.730	ng	0.00
7) Phenol-d6	6.528	99	66384	162.125	ng	0.00
23) Nitrobenzene-d5	7.469	82	55926	161.127	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	18327	170.024	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	123329	158.867	ng	0.00
79) Terphenyl-d14	13.015	244	108562	144.935	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	15209	83.383	ng	99
3) Pyridine	3.434	79	37626	83.463	ng	96
4) n-Nitrosodimethylamine	3.404	42	13765	85.976	ng	89
6) Aniline	6.563	93	42925	80.198	ng	97
8) 2-Chlorophenol	6.681	128	29850	79.032	ng	98
9) Benzaldehyde	6.451	77	16962	67.094	ng	97
10) Phenol	6.539	94	38831m	85.246	ng	
11) bis(2-Chloroethyl)ether	6.634	93	27246	80.341	ng	98
12) 1,3-Dichlorobenzene	6.839	146	32652	77.656	ng	97
13) 1,4-Dichlorobenzene	6.916	146	32338	77.646	ng	97
14) 1,2-Dichlorobenzene	7.069	146	29816	76.091	ng	99
15) Benzyl Alcohol	7.039	79	22667	82.849	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	29465	78.006	ng	96
17) 2-Methylphenol	7.145	107	22973	81.185	ng	96
18) Hexachloroethane	7.410	117	10279	78.863	ng	93
19) n-Nitroso-di-n-propyla...	7.322	70	19278	81.044	ng	100
20) 3+4-Methylphenols	7.304	107	30140	80.919	ng	94
22) Acetophenone	7.310	105	37493	77.321	ng	# 89
24) Nitrobenzene	7.486	77	27547	78.267	ng	97
25) Isophorone	7.728	82	50035	79.592	ng	98
26) 2-Nitrophenol	7.798	139	15665	82.447	ng	96
27) 2,4-Dimethylphenol	7.828	122	25325	84.045	ng	94
28) bis(2-Chloroethoxy)met...	7.928	93	31148	79.491	ng	98
29) 2,4-Dichlorophenol	8.039	162	24667	83.377	ng	98
30) 1,2,4-Trichlorobenzene	8.122	180	24559	77.016	ng	98
31) Naphthalene	8.204	128	82988	79.109	ng	99
32) Benzoic acid	7.957	122	16798m	79.512	ng	
33) 4-Chloroaniline	8.251	127	27869	79.642	ng	98
34) Hexachlorobutadiene	8.316	225	15909	77.814	ng	93
35) Caprolactam	8.645	113	6448	90.443	ng	94
36) 4-Chloro-3-methylphenol	8.728	107	23373	79.918	ng	99
37) 2-Methylnaphthalene	8.892	142	55385	81.681	ng	95
38) 1-Methylnaphthalene	8.992	142	54174	81.850	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	25865	80.235	ng	98
41) Hexachlorocyclopentadiene	9.045	237	14634	83.075	ng	97
43) 2,4,6-Trichlorophenol	9.169	196	18256	83.896	ng	98

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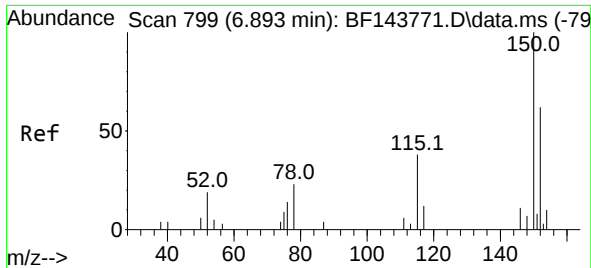
Manual Integrations
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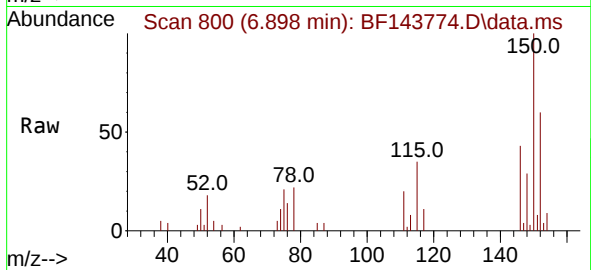
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	18513	85.165	ng	93
46) 1,1'-Biphenyl	9.363	154	65499	79.773	ng	97
47) 2-Chloronaphthalene	9.386	162	51728	80.939	ng	99
48) 2-Nitroaniline	9.480	65	13615	81.304	ng	96
49) Acenaphthylene	9.798	152	73108	81.398	ng	99
50) Dimethylphthalate	9.657	163	57024	81.185	ng	99
51) 2,6-Dinitrotoluene	9.722	165	12463	86.073	ng	96
52) Acenaphthene	9.975	154	49840	82.800	ng	95
53) 3-Nitroaniline	9.892	138	13145	86.086	ng	93
54) 2,4-Dinitrophenol	9.992	184	7551	79.208	ng	# 32
55) Dibenzofuran	10.145	168	72218	82.620	ng	98
56) 4-Nitrophenol	10.045	139	10621	91.839	ng	94
57) 2,4-Dinitrotoluene	10.122	165	16759	83.168	ng	96
58) Fluorene	10.486	166	57267	83.791	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.257	232	14785	88.782	ng	# 96
60) Diethylphthalate	10.363	149	52900	82.031	ng	97
61) 4-Chlorophenyl-phenyle...	10.480	204	28043	81.793	ng	96
62) 4-Nitroaniline	10.516	138	12327	84.510	ng	99
63) Azobenzene	10.639	77	47337	83.177	ng	98
65) 4,6-Dinitro-2-methylph...	10.539	198	9885	80.865	ng	88
66) n-Nitrosodiphenylamine	10.598	169	47113	78.694	ng	98
67) 4-Bromophenyl-phenylether	10.969	248	16898	79.727	ng	98
68) Hexachlorobenzene	11.039	284	17832	79.073	ng	96
69) Atrazine	11.127	200	14094	79.264	ng	95
70) Pentachlorophenol	11.227	266	11398	91.543	ng	94
71) Phenanthrene	11.451	178	78128	79.021	ng	99
72) Anthracene	11.504	178	81220	80.558	ng	99
73) Carbazole	11.657	167	66536	80.961	ng	99
74) Di-n-butylphthalate	11.986	149	79409	79.540	ng	98
75) Fluoranthene	12.645	202	69777	76.496	ng	96
78) Pyrene	12.874	202	71378m	75.194	ng	
80) Butylbenzylphthalate	13.486	149	26480	80.710	ng	99
81) Benzo(a)anthracene	14.062	228	57521	74.930	ng	98
82) 3,3'-Dichlorobenzidine	14.027	252	15674	71.372	ng	95
83) Chrysene	14.104	228	51229	73.157	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	35105	78.866	ng	100
85) Di-n-octyl phthalate	14.662	149	57159	76.069	ng	# 99
87) Indeno(1,2,3-cd)pyrene	17.074	276	53247	80.814	ng	99
88) Benzo(b)fluoranthene	15.121	252	52289	82.036	ng	99
89) Benzo(k)fluoranthene	15.157	252	44607	79.809	ng	97
90) Benzo(a)pyrene	15.498	252	42902	78.104	ng	97
91) Dibenzo(a,h)anthracene	17.098	278	42926	81.091	ng	97
92) Benzo(g,h,i)perylene	17.533	276	40828	80.458	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF143774.D
 Acq: 16 Sep 2025 14:45

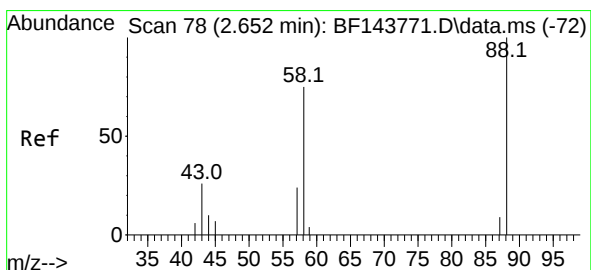
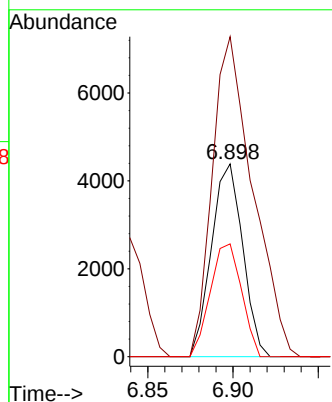
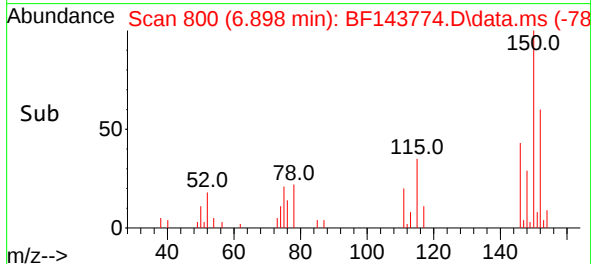
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080



Tgt Ion:152 Resp: 559
 Ion Ratio Lower Upper
 152 100
 150 166.0 128.8 193.2
 115 58.6 49.1 73.7

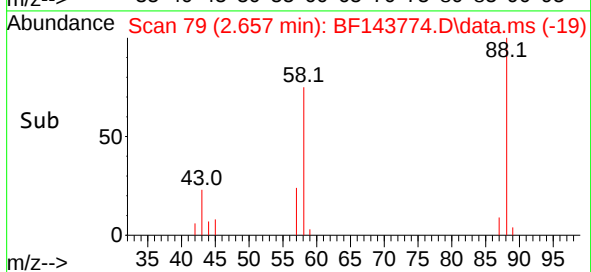
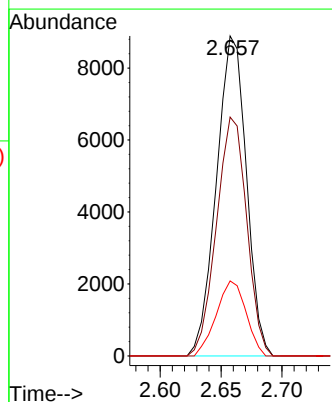
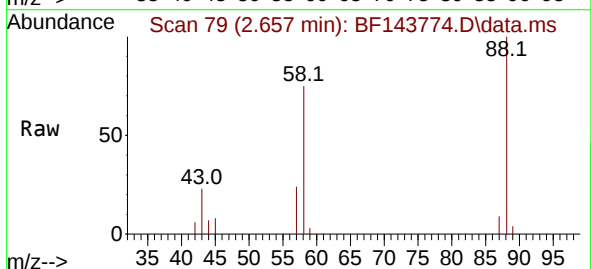
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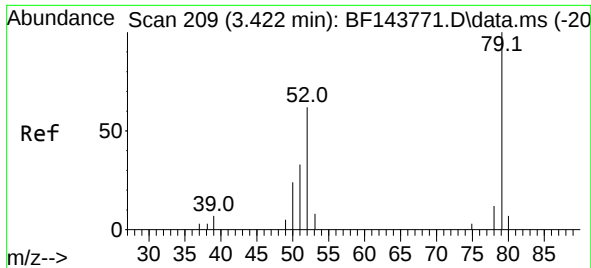
Reviewed By :Rahul Chavli 09/17/2025
 Supervised By :Jagrut Upadhyay 09/17/2025



#2
 1,4-Dioxane
 Concen: 83.383 ng
 RT: 2.657 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF143774.D
 Acq: 16 Sep 2025 14:45

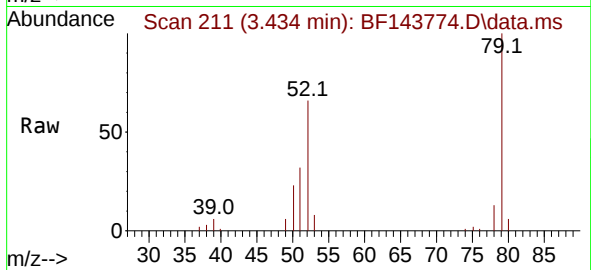
Tgt Ion: 88 Resp: 15209
 Ion Ratio Lower Upper
 88 100
 58 75.3 60.3 90.5
 43 23.2 19.9 29.9





#3
Pyridine
Concen: 83.463 ng
RT: 3.434 min Scan# 211
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

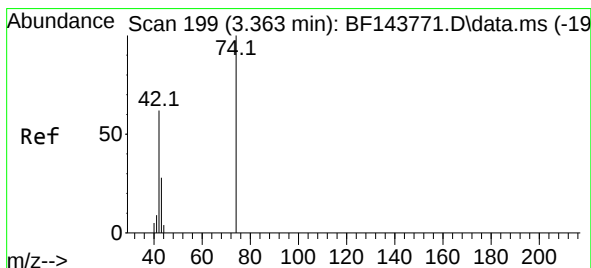
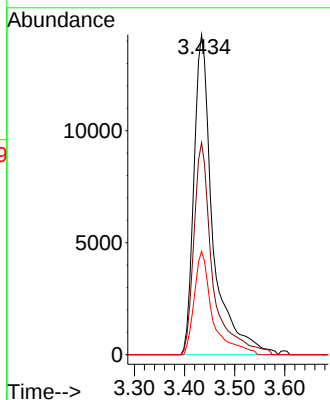
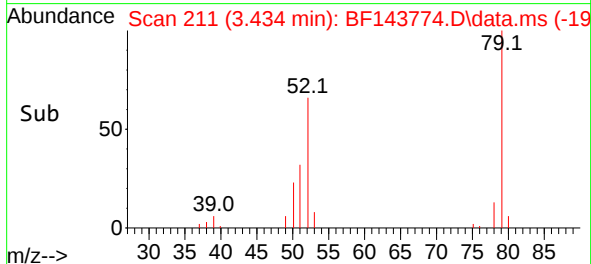
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



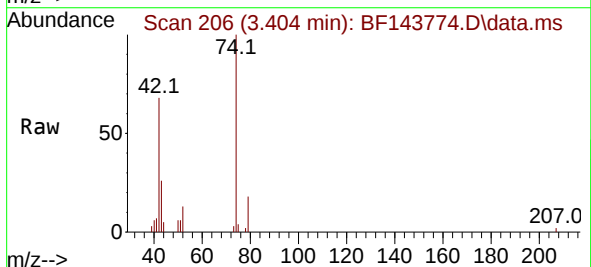
Tgt Ion: 79 Resp: 37620
Ion Ratio Lower Upper
79 100
52 66.2 49.8 74.8
51 32.3 26.4 39.6

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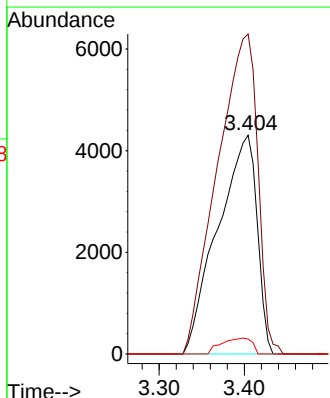
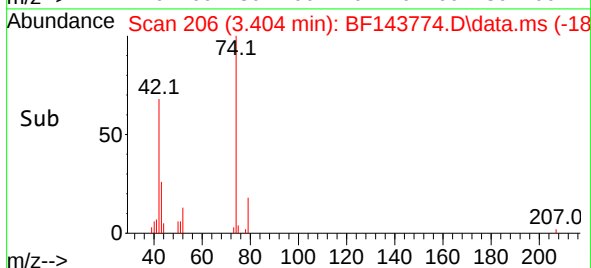
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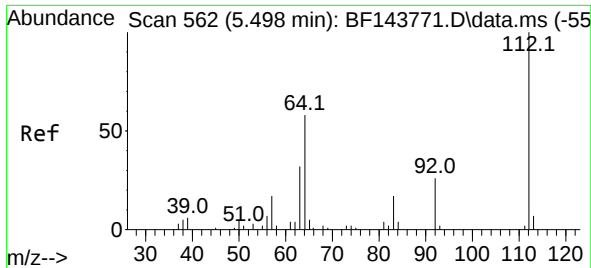


#4
n-Nitrosodimethylamine
Concen: 85.976 ng
RT: 3.404 min Scan# 206
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45



Tgt Ion: 42 Resp: 13765
Ion Ratio Lower Upper
42 100
74 146.3 129.0 193.4
44 6.8 5.8 8.6





#5
2-Fluorophenol
Concen: 167.730 ng
RT: 5.510 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

Instrument :

BNA_F

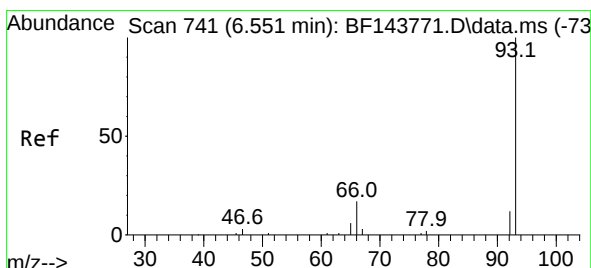
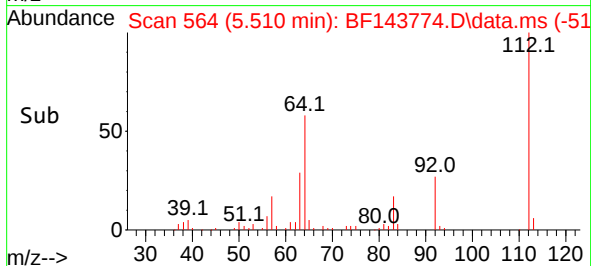
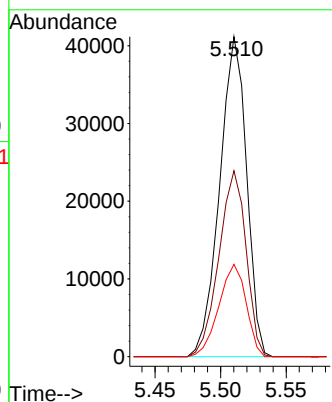
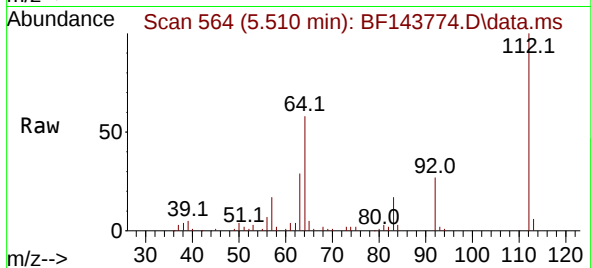
ClientSampleId :

SSTDICC080

Tgt Ion:112 Resp: 5880
Ion Ratio Lower Upper
112 100
64 58.1 46.3 69.5
63 28.9 25.4 38.2

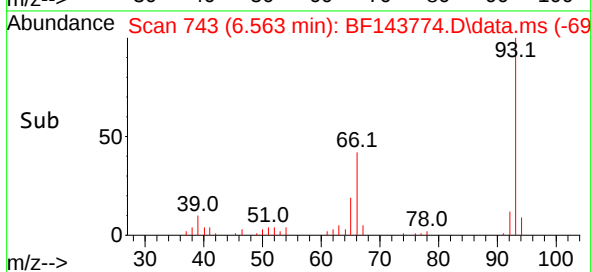
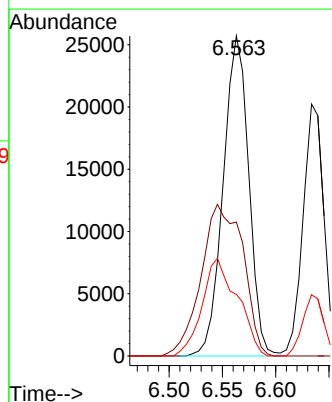
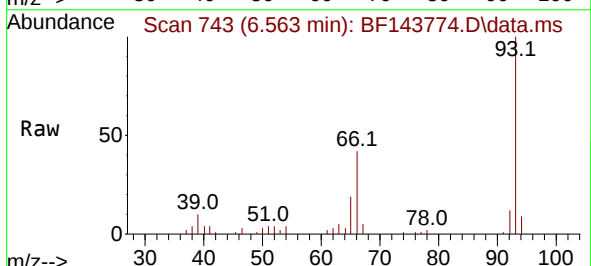
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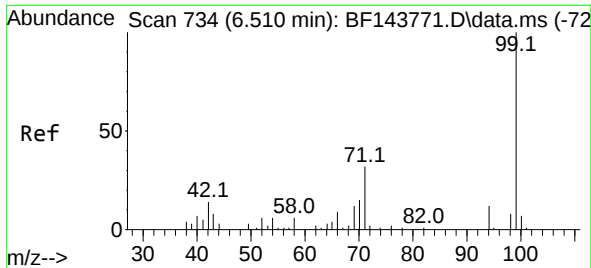
Reviewed By :Rahul Chavli 09/17/2025
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#6
Aniline
Concen: 80.198 ng
RT: 6.563 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

Tgt Ion: 93 Resp: 42925
Ion Ratio Lower Upper
93 100
66 41.8 32.6 48.8
65 19.2 17.2 25.8





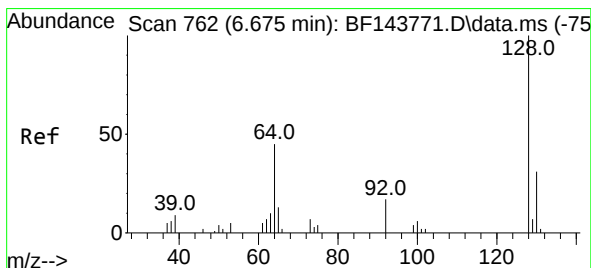
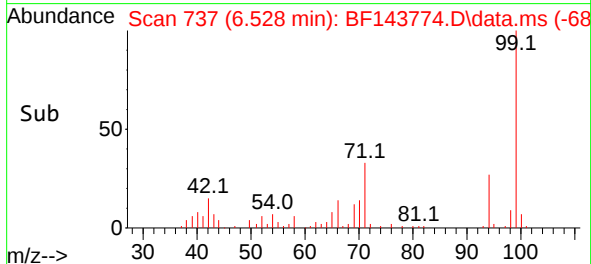
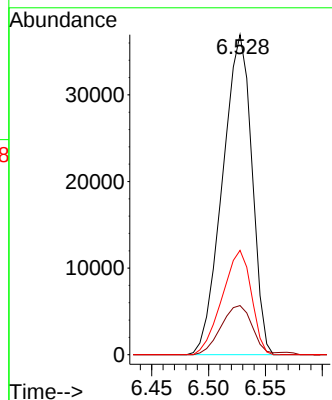
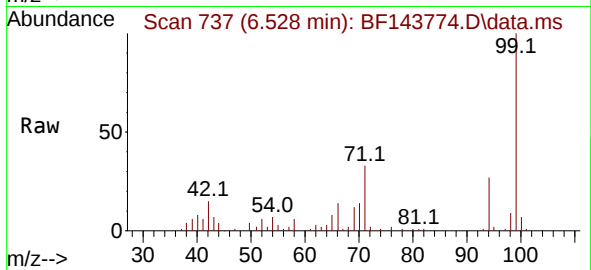
#7
Phenol-d6
Concen: 162.125 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 99 Resp: 66384
Ion Ratio Lower Upper
99 100
42 15.4 11.5 17.3
71 32.6 25.4 38.0

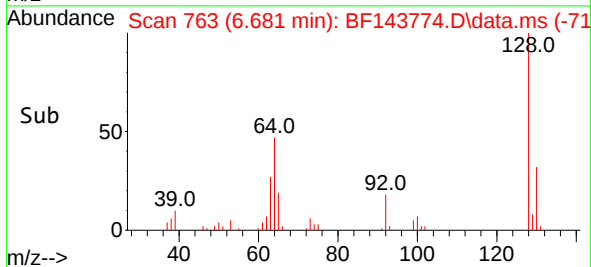
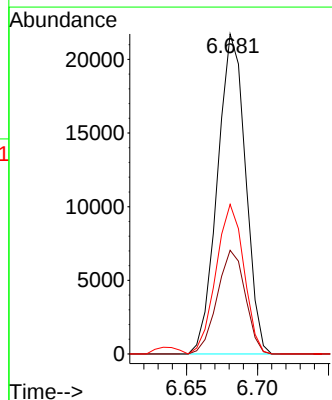
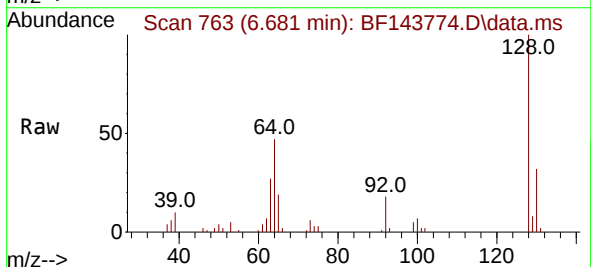
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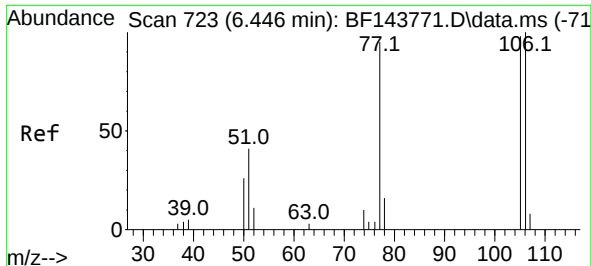
Reviewed By :Rahul Chavli 09/17/2025
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#8
2-Chlorophenol
Concen: 79.032 ng
RT: 6.681 min Scan# 763
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

Tgt Ion:128 Resp: 29850
Ion Ratio Lower Upper
128 100
130 32.4 11.4 51.4
64 46.7 25.2 65.2





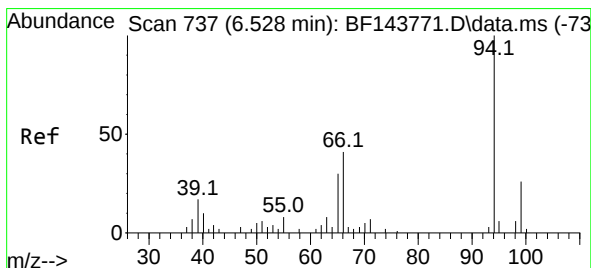
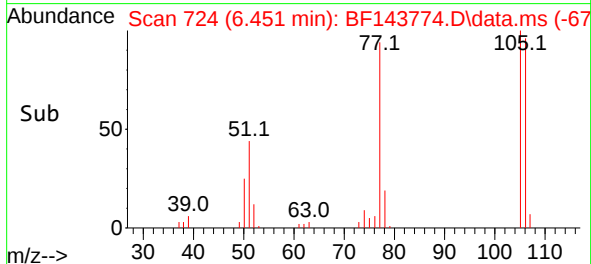
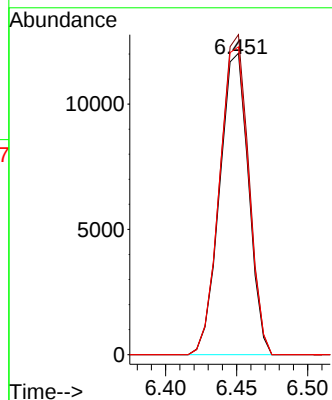
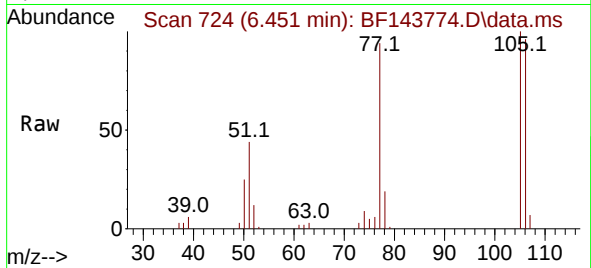
#9
Benzaldehyde
Concen: 67.094 ng
RT: 6.451 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 1696
Ion Ratio Lower Upper
77 100
105 106.1 83.0 123.0
106 102.1 85.5 125.5

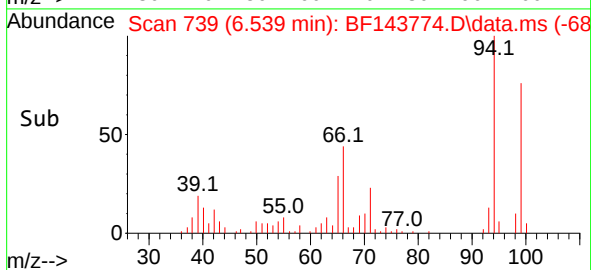
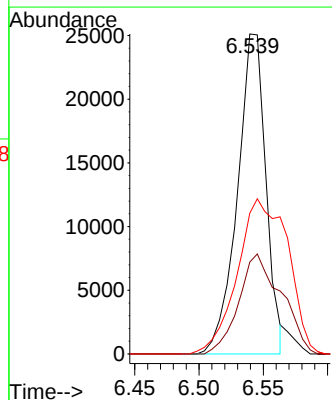
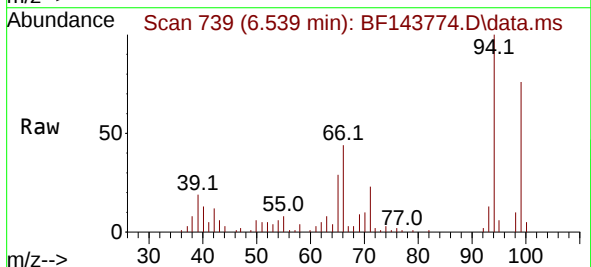
Manual Integrations
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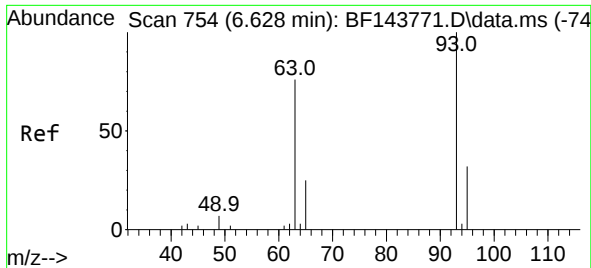
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025



#10
Phenol
Concen: 85.246 ng m
RT: 6.539 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

Tgt Ion: 94 Resp: 38831
Ion Ratio Lower Upper
94 100
65 28.7 9.8 49.8
66 44.0 21.5 61.5





#11
bis(2-Chloroethyl)ether
Concen: 80.341 ng
RT: 6.634 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

Instrument :

BNA_F

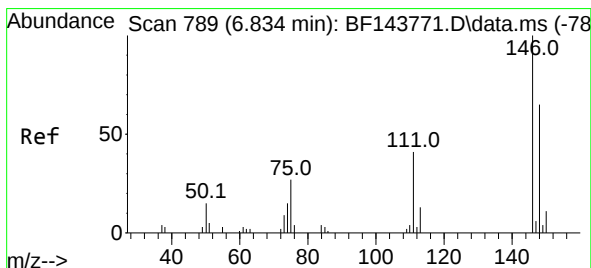
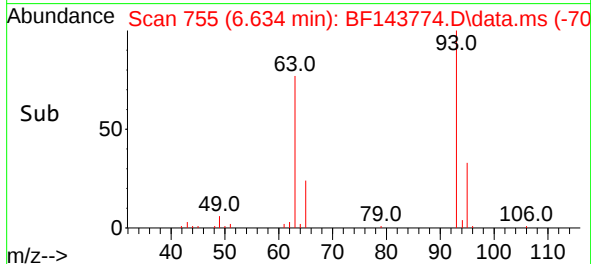
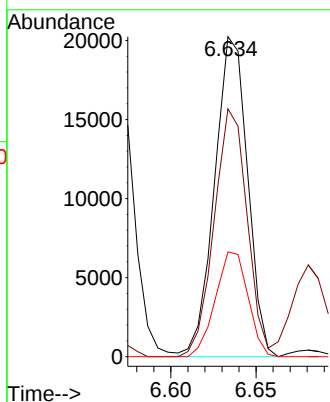
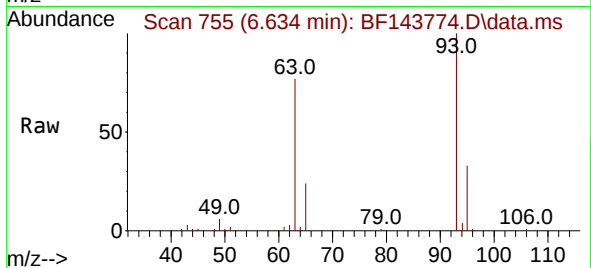
ClientSampleId :

SSTDICC080

Tgt Ion: 93 Resp: 27240
Ion Ratio Lower Upper
93 100
63 77.4 55.7 95.7
95 32.8 11.5 51.5

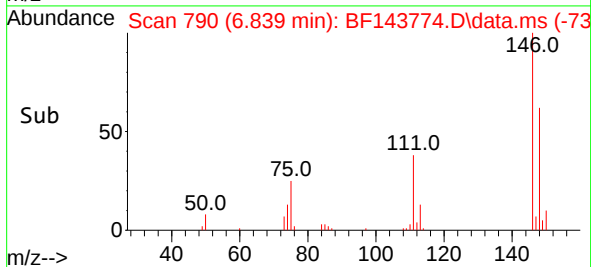
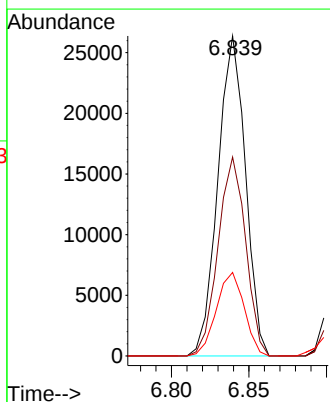
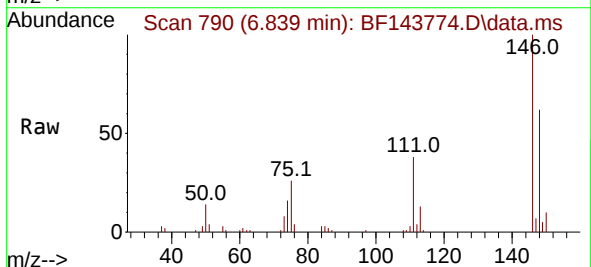
Manual Integrations
APPROVED

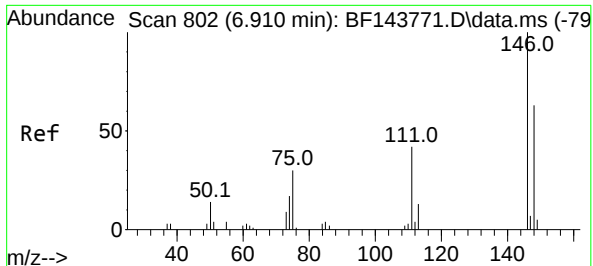
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025



#12
1,3-Dichlorobenzene
Concen: 77.656 ng
RT: 6.839 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

Tgt Ion:146 Resp: 32652
Ion Ratio Lower Upper
146 100
148 62.1 52.0 78.0
75 26.1 21.4 32.2





#13

1,4-Dichlorobenzene

Concen: 77.646 ng

RT: 6.916 min Scan# 802

Delta R.T. 0.000 min

Lab File: BF143774.D

Acq: 16 Sep 2025 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 32338

Ion Ratio Lower Upper

146 100

148 63.7 50.2 75.2

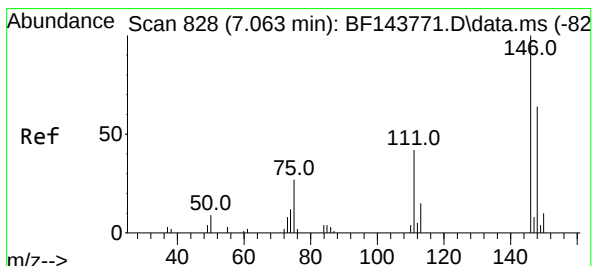
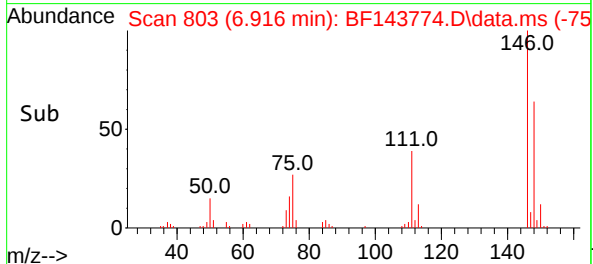
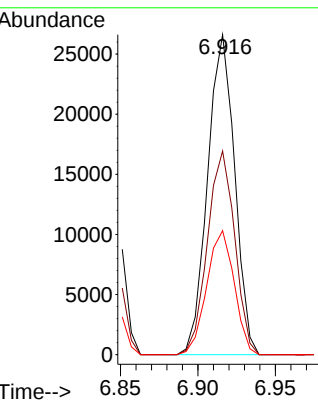
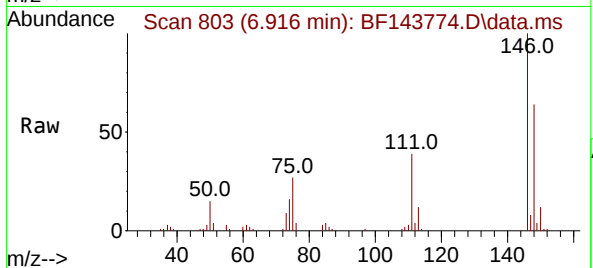
111 38.8 33.3 49.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/17/2025

Supervised By :Jagrut Upadhyay 09/17/2025



#14

1,2-Dichlorobenzene

Concen: 76.091 ng

RT: 7.069 min Scan# 829

Delta R.T. 0.000 min

Lab File: BF143774.D

Acq: 16 Sep 2025 14:45

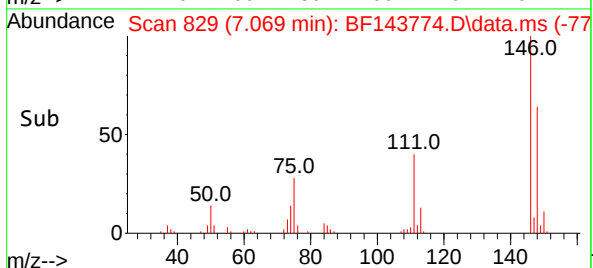
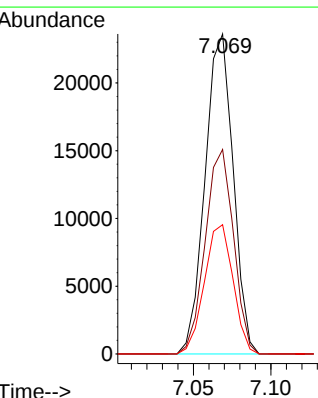
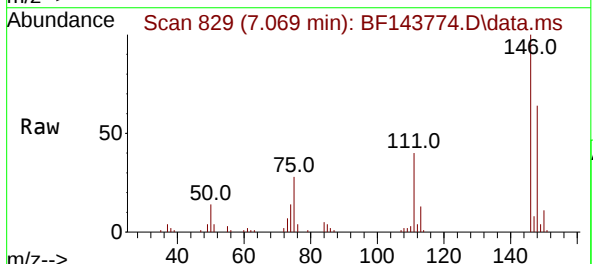
Tgt Ion:146 Resp: 29816

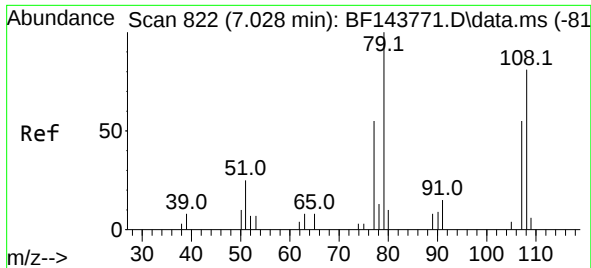
Ion Ratio Lower Upper

146 100

148 63.9 50.9 76.3

111 40.4 33.3 49.9





#15
Benzyl Alcohol
Concen: 82.849 ng
RT: 7.039 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

Instrument :

BNA_F

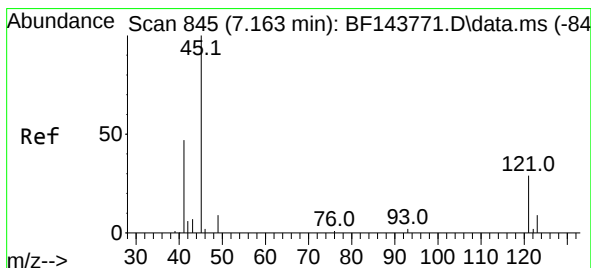
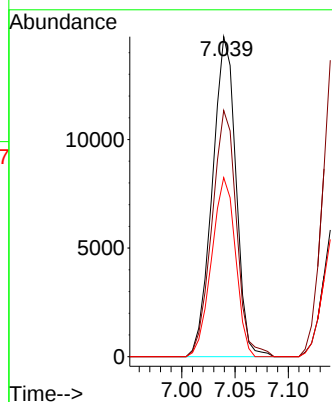
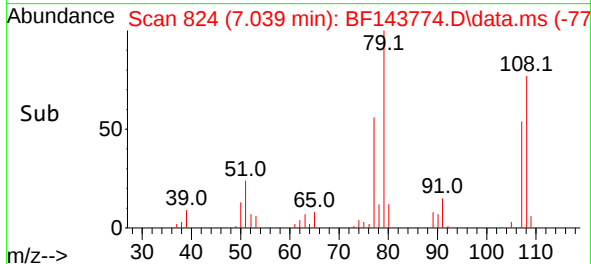
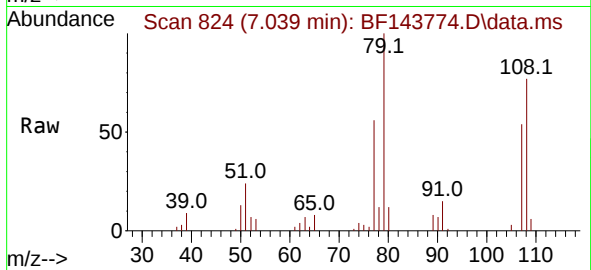
ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 2266
Ion Ratio Lower Upper
79 100
108 77.0 64.4 96.6
77 55.9 44.2 66.4

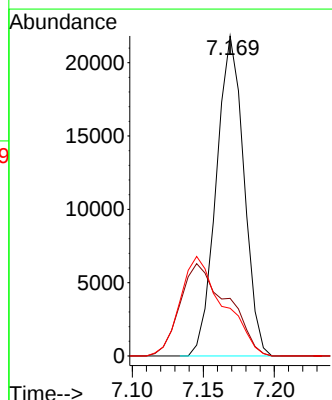
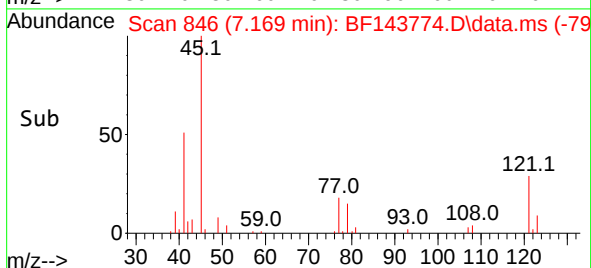
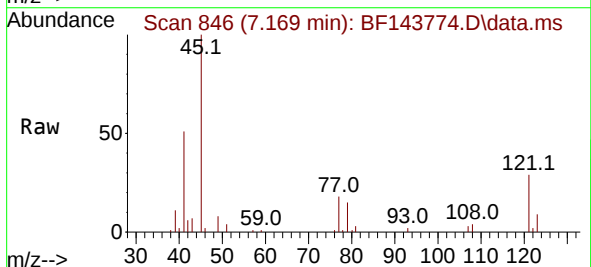
Manual Integrations
APPROVED

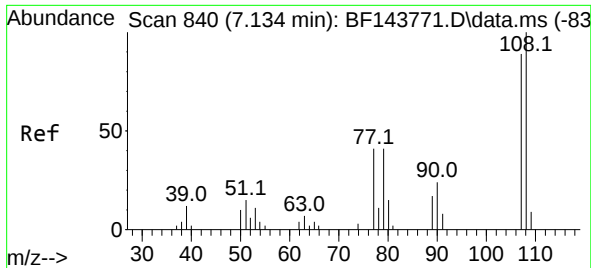
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 78.006 ng
RT: 7.169 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

Tgt Ion: 45 Resp: 29465
Ion Ratio Lower Upper
45 100
77 18.0 0.0 37.0
79 14.9 0.0 32.4





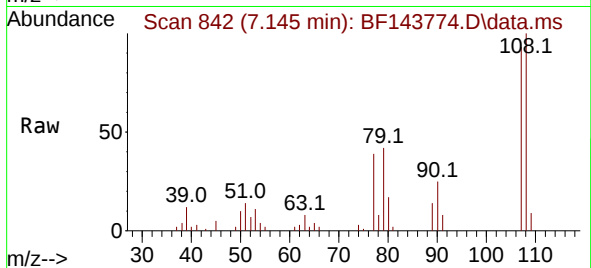
#17
2-Methylphenol
Concen: 81.185 ng
RT: 7.145 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



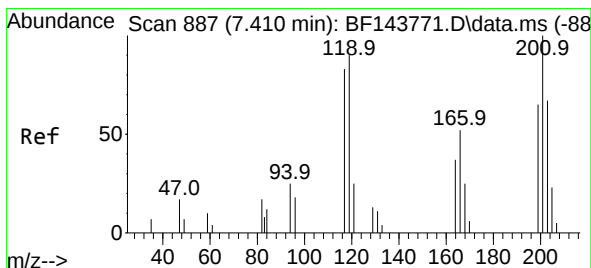
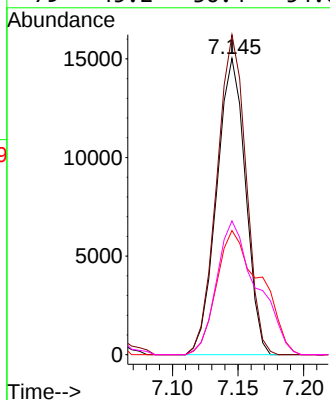
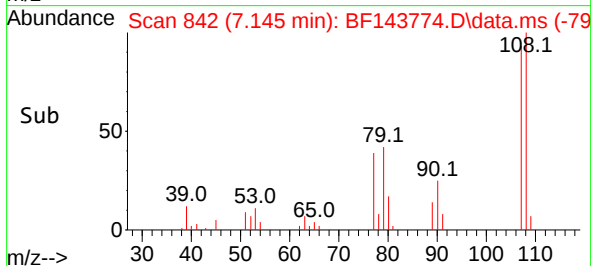
Tgt Ion:107 Resp: 2297
Ion Ratio Lower Upper
107 100
108 108.0 89.7 134.5
77 41.9 37.1 55.7
79 45.2 36.4 54.6

Manual Integrations

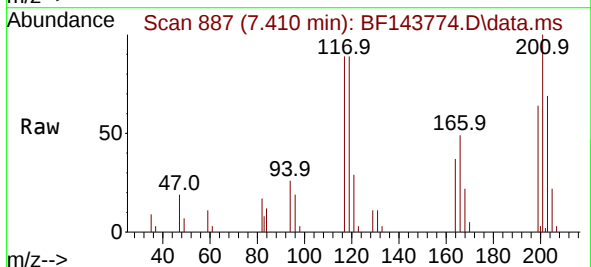
APPROVED

Reviewed By :Rahul Chavli 09/17/2025

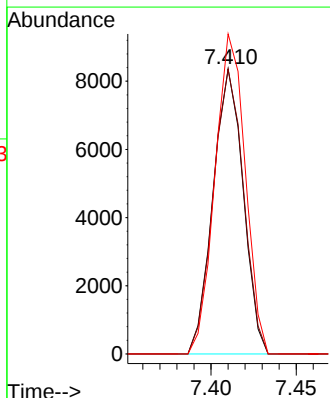
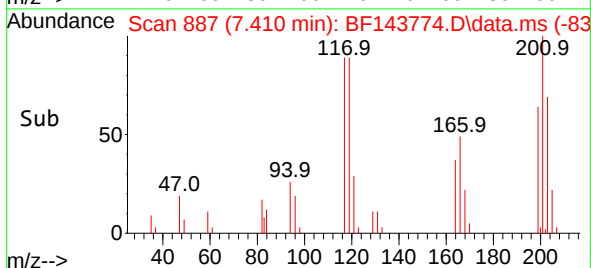
Supervised By :Jagrut Upadhyay 09/17/2025

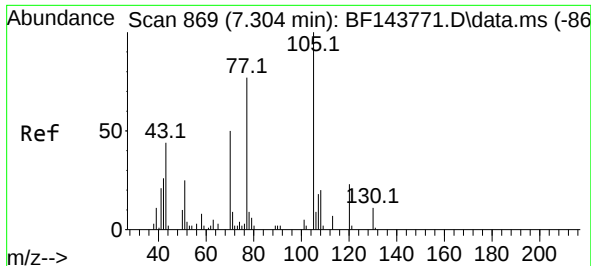


#18
Hexachloroethane
Concen: 78.863 ng
RT: 7.410 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45



Tgt Ion:117 Resp: 10279
Ion Ratio Lower Upper
117 100
119 99.9 86.6 130.0
201 112.3 95.8 143.8





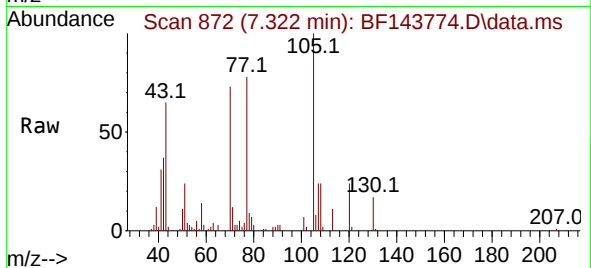
#19
n-Nitroso-di-n-propylamine
Concen: 81.044 ng
RT: 7.322 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



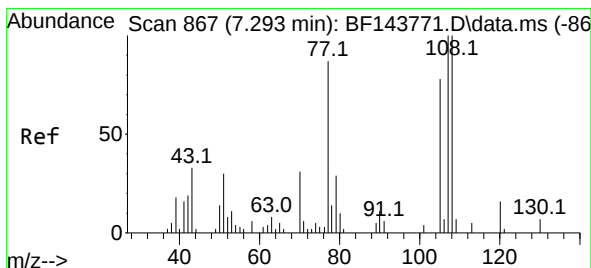
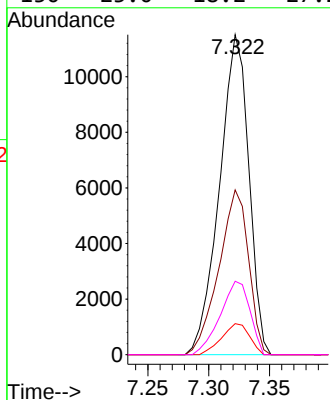
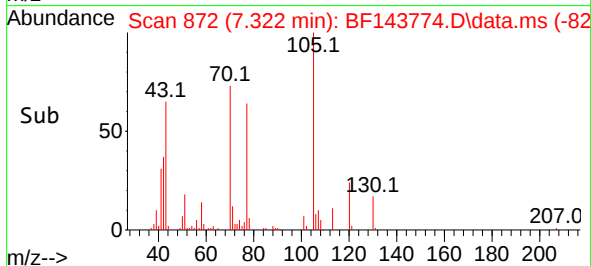
Tgt Ion: 70 Resp: 19278
Ion Ratio Lower Upper
70 100
42 51.5 41.0 61.6
101 9.7 7.4 11.0
130 23.0 18.2 27.2

Manual Integrations

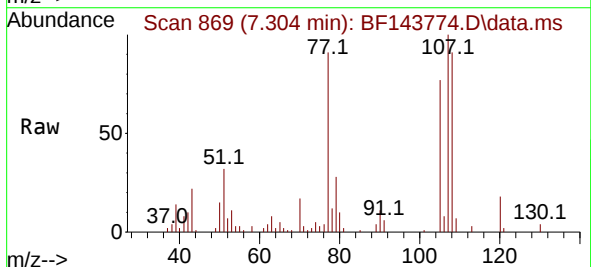
APPROVED

Reviewed By :Rahul Chavli 09/17/2025

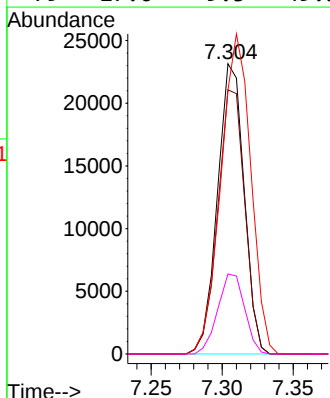
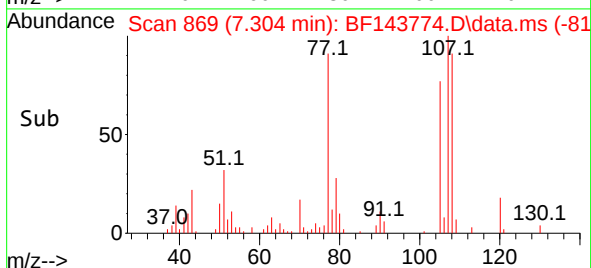
Supervised By :Jagrut Upadhyay 09/17/2025

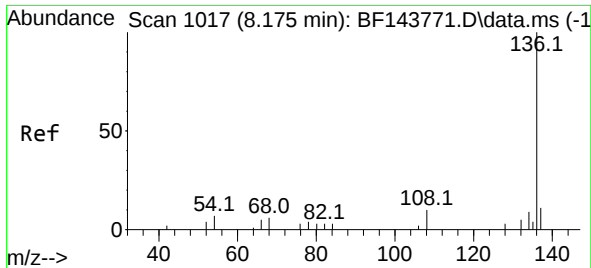


#20
3+4-Methylphenols
Concen: 80.919 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45



Tgt Ion:107 Resp: 30140
Ion Ratio Lower Upper
107 100
108 91.1 79.7 119.7
77 91.0 67.1 107.1
79 27.6 9.3 49.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

Instrument :

BNA_F

ClientSampleId :

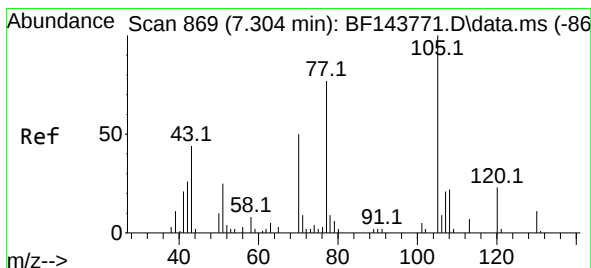
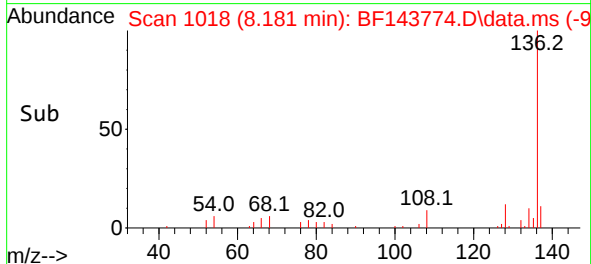
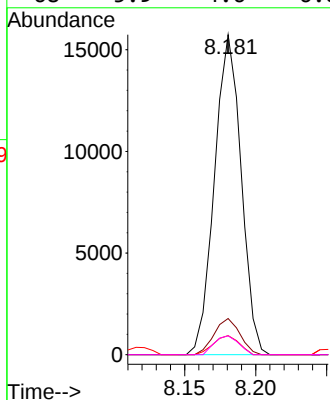
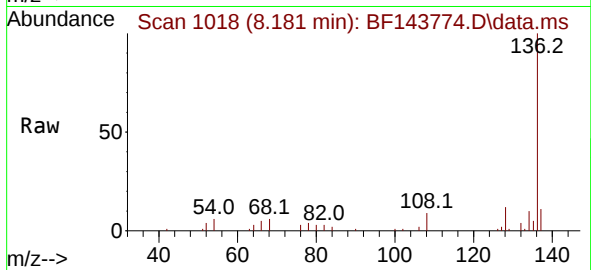
SSTDICC080

Tgt Ion:136 Resp: 20538
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 6.0 5.9 8.9
68 5.9 4.6 6.8

Manual Integrations

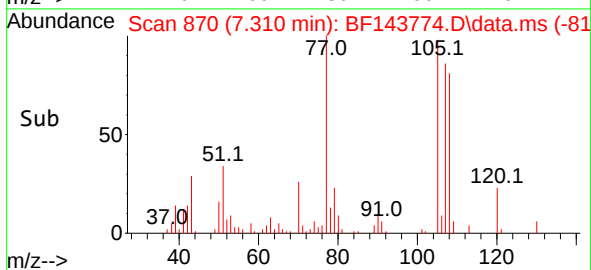
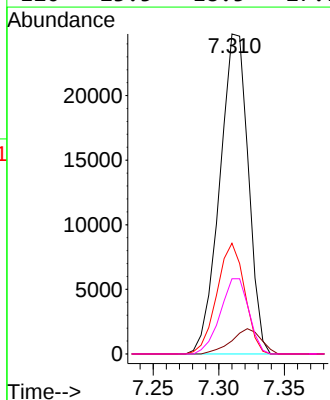
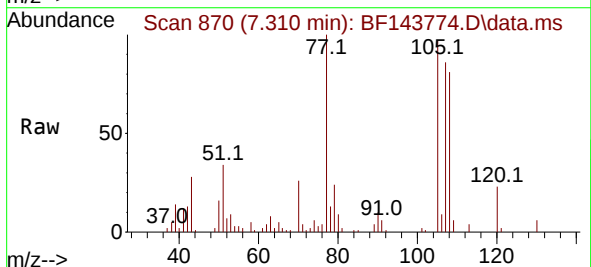
APPROVED

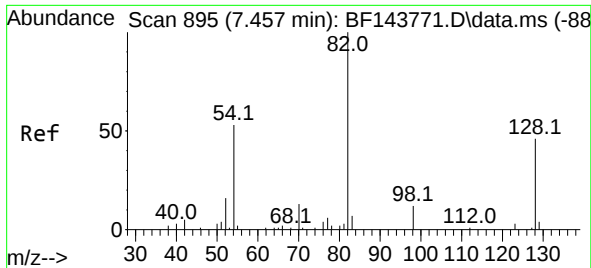
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025



#22
Acetophenone
Concen: 77.321 ng
RT: 7.310 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

Tgt Ion:105 Resp: 37493
Ion Ratio Lower Upper
105 100
71 4.1 7.2 10.8#
51 34.6 20.0 30.0#
120 23.5 18.5 27.7





#23

Nitrobenzene-d5

Concen: 161.127 ng

RT: 7.469 min Scan# 89

Delta R.T. 0.000 min

Lab File: BF143774.D

Acq: 16 Sep 2025 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 55920

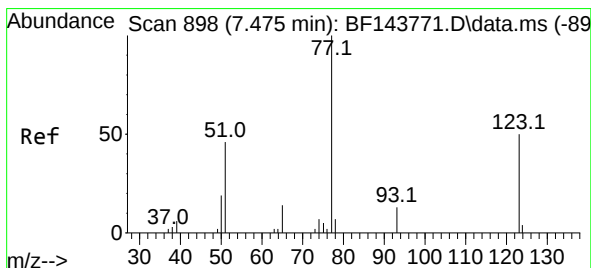
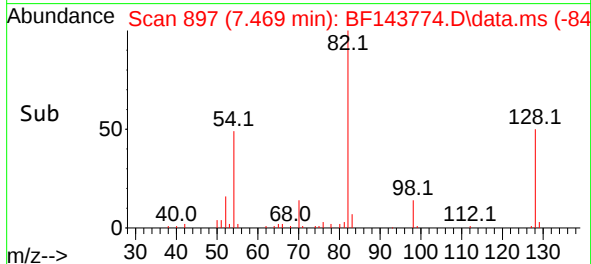
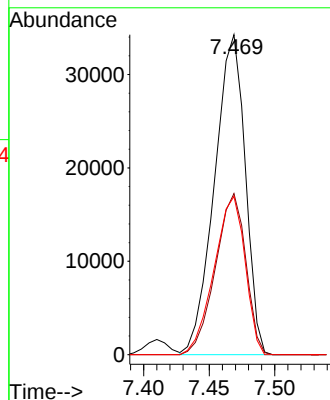
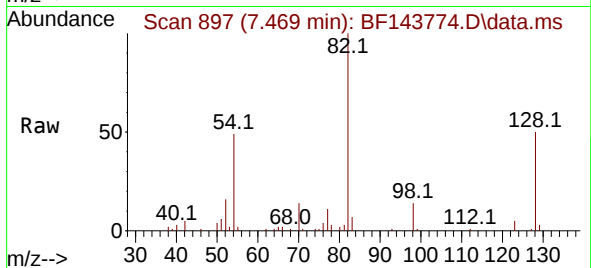
Ion	Ratio	Lower	Upper
82	100		
128	50.4	36.6	55.0
54	49.4	41.9	62.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/17/2025

Supervised By :Jagrut Upadhyay 09/17/2025



#24

Nitrobenzene

Concen: 78.267 ng

RT: 7.486 min Scan# 900

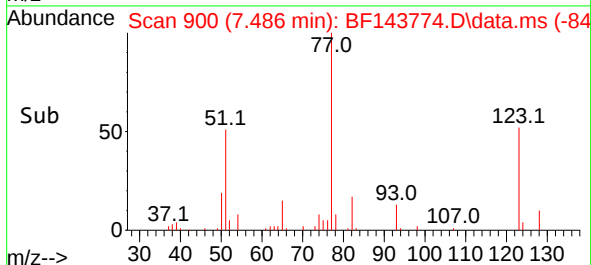
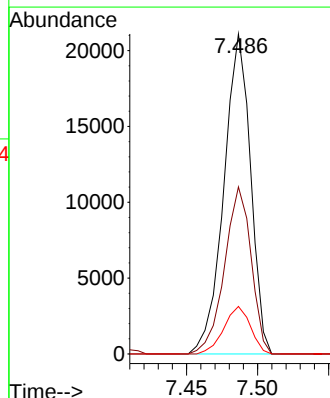
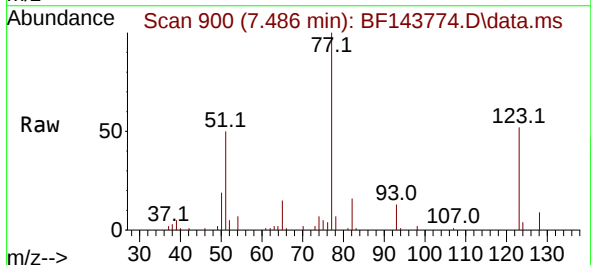
Delta R.T. 0.000 min

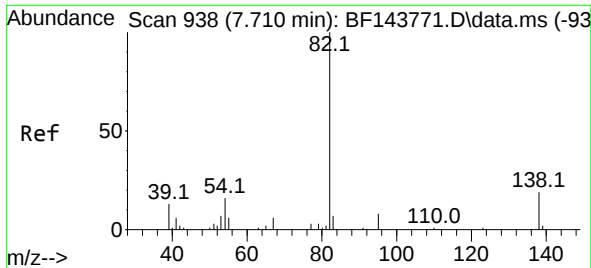
Lab File: BF143774.D

Acq: 16 Sep 2025 14:45

Tgt Ion: 77 Resp: 27547

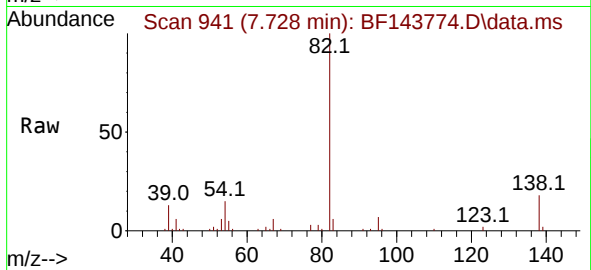
Ion	Ratio	Lower	Upper
77	100		
123	52.2	40.0	60.0
65	14.9	11.6	17.4





#25
Isophorone
Concen: 79.592 ng
RT: 7.728 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

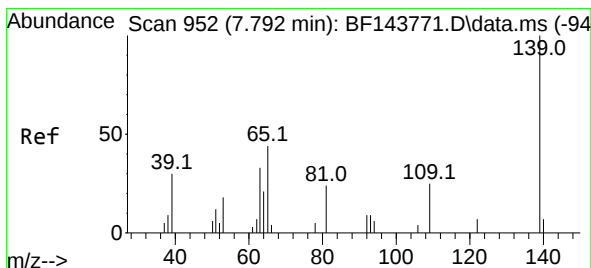
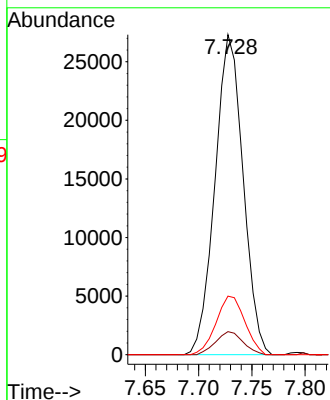
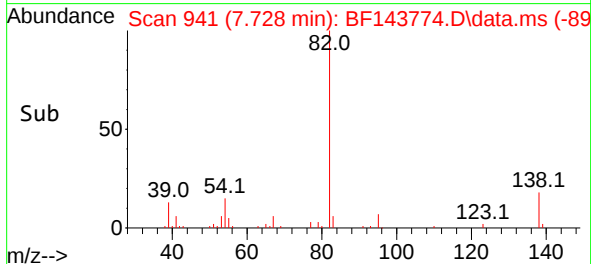
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



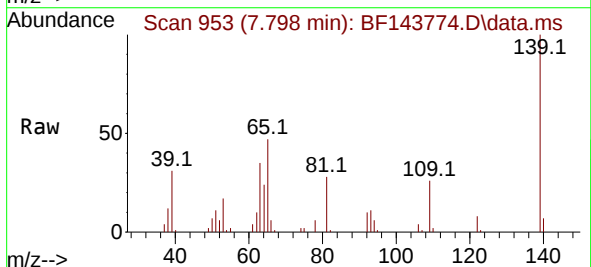
Tgt Ion: 82 Resp: 5003
Ion Ratio Lower Upper
82 100
95 7.2 6.1 9.1
138 18.3 15.4 23.2

Manual Integrations
APPROVED

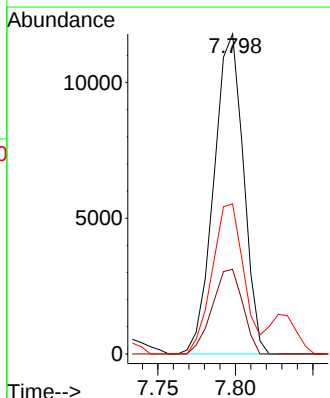
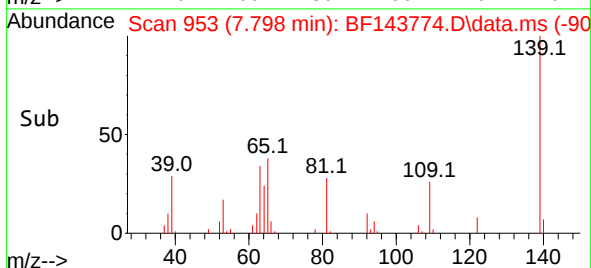
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025

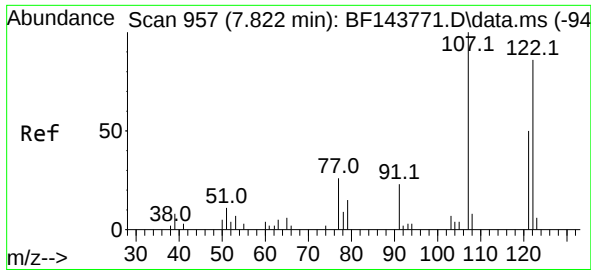


#26
2-Nitrophenol
Concen: 82.447 ng
RT: 7.798 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45



Tgt Ion:139 Resp: 15665
Ion Ratio Lower Upper
139 100
109 26.5 20.1 30.1
65 46.9 35.1 52.7





#27
2,4-Dimethylphenol
Concen: 84.045 ng
RT: 7.828 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

Instrument :

BNA_F

ClientSampleId :

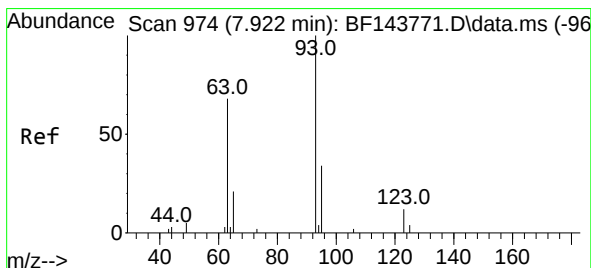
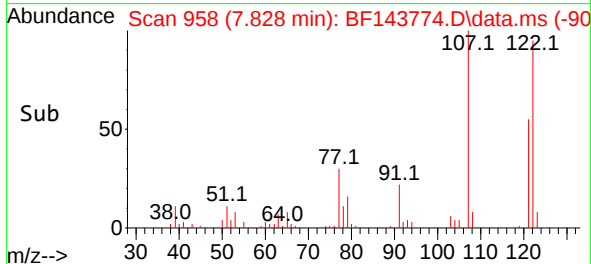
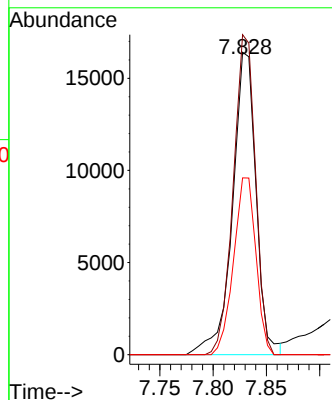
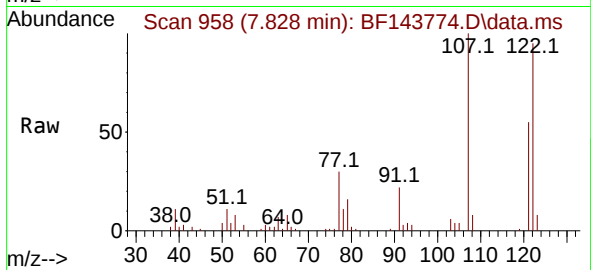
SSTDICC080

Tgt Ion:122 Resp: 2532
Ion Ratio Lower Upper
122 100
107 105.8 92.8 139.2
121 58.4 46.5 69.7

Manual Integrations

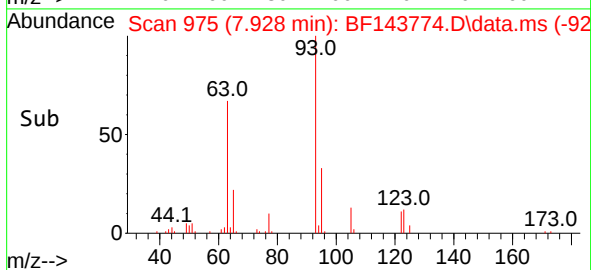
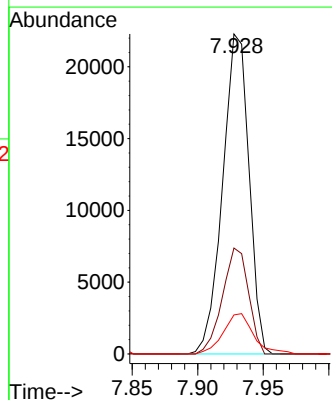
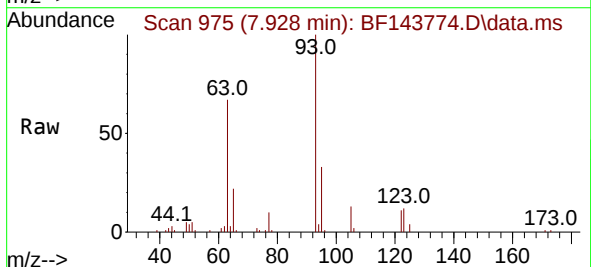
APPROVED

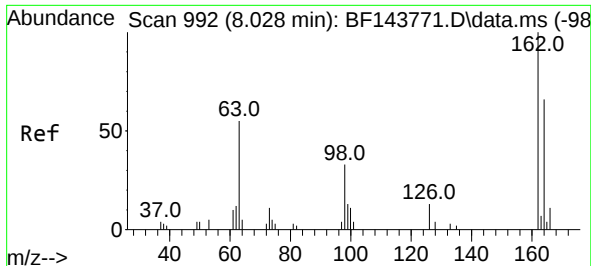
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025



#28
bis(2-Chloroethoxy)methane
Concen: 79.491 ng
RT: 7.928 min Scan# 975
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

Tgt Ion: 93 Resp: 31148
Ion Ratio Lower Upper
93 100
95 33.1 27.4 41.0
123 12.2 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 83.377 ng

RT: 8.039 min Scan# 99

Delta R.T. 0.000 min

Lab File: BF143774.D

Acq: 16 Sep 2025 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

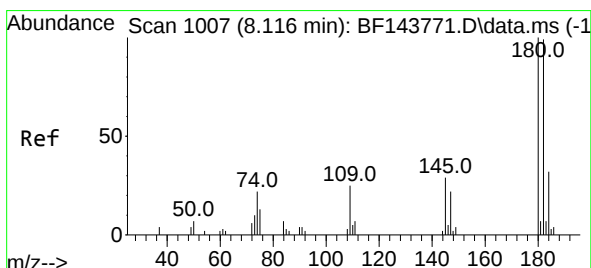
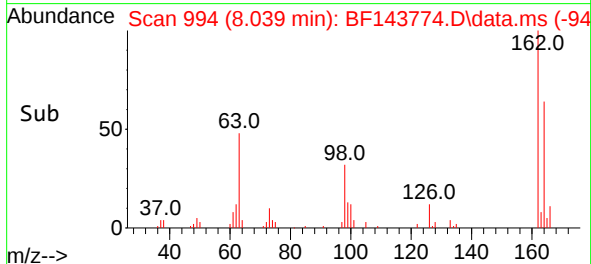
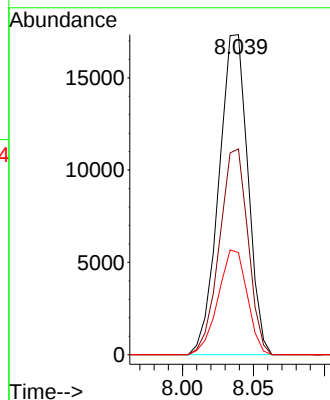
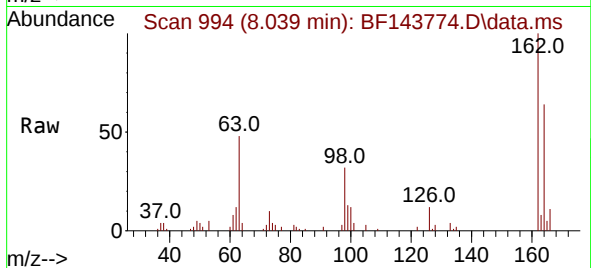
Tgt Ion:162	Resp:	2466
Ion Ratio	Lower	Upper
162	100	
164	64.3	45.6 85.6
98	31.9	13.3 53.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/17/2025

Supervised By :Jagrut Upadhyay 09/17/2025



#30

1,2,4-Trichlorobenzene

Concen: 77.016 ng

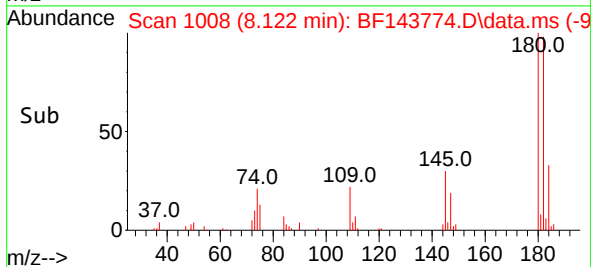
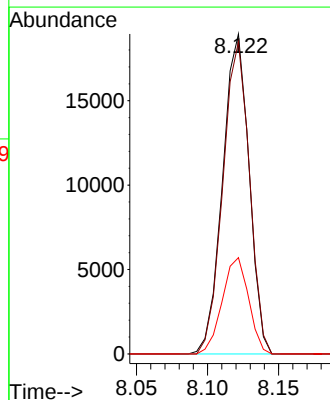
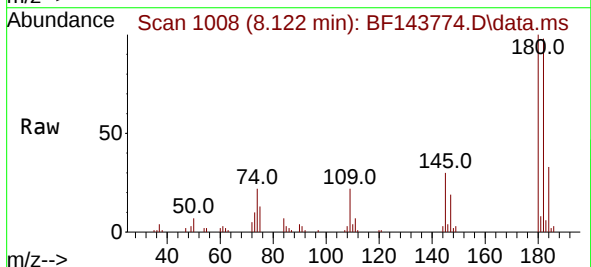
RT: 8.122 min Scan# 1008

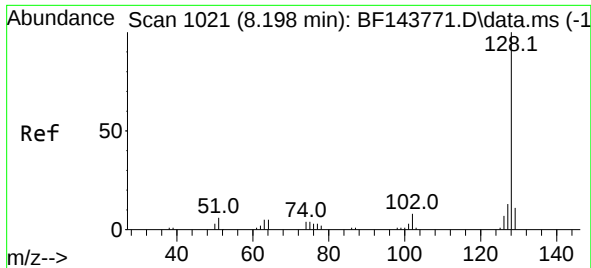
Delta R.T. 0.000 min

Lab File: BF143774.D

Acq: 16 Sep 2025 14:45

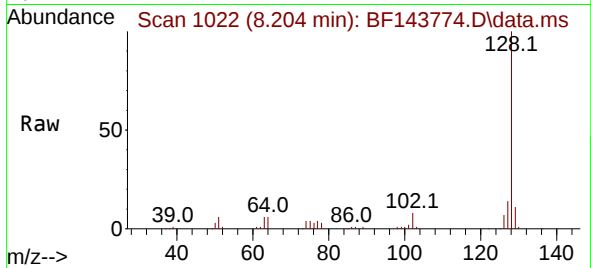
Tgt Ion:180	Resp:	24559
Ion Ratio	Lower	Upper
180	100	
182	97.6	79.5 119.3
145	30.1	23.0 34.4





#31
Naphthalene
Concen: 79.109 ng
RT: 8.204 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

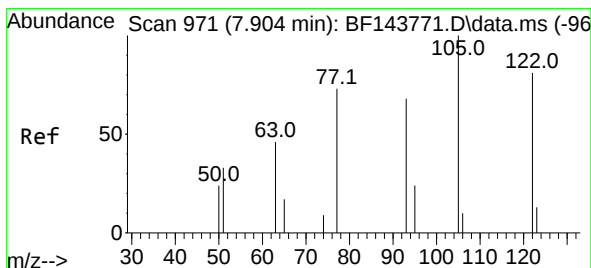
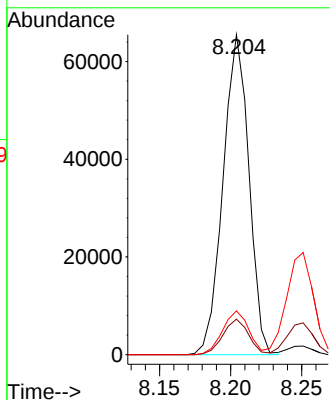
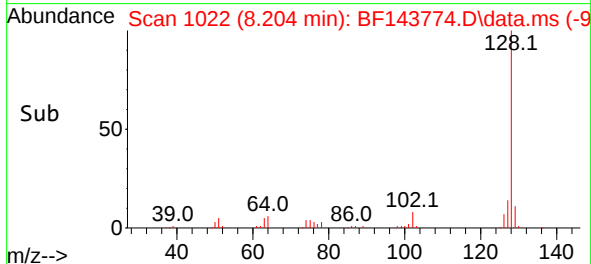
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



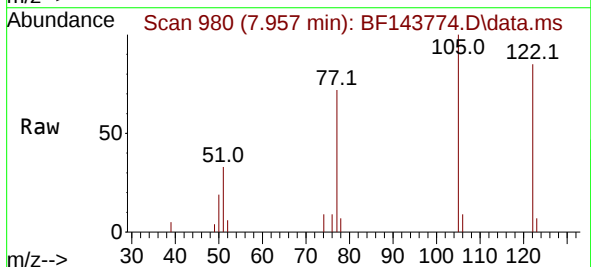
Tgt Ion:128 Resp: 8298
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 13.7 10.7 16.1

Manual Integrations
APPROVED

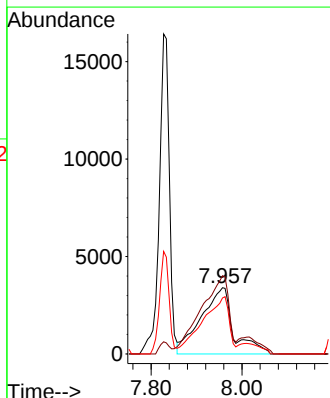
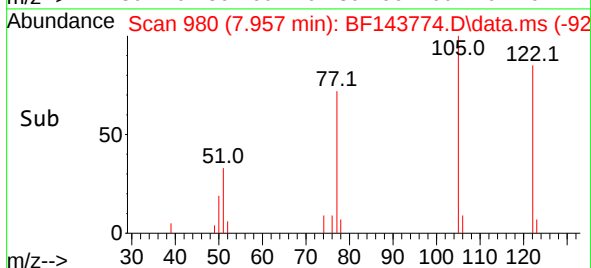
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025

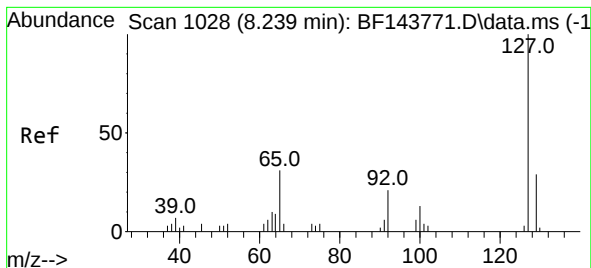


#32
Benzoic acid
Concen: 79.512 ng m
RT: 7.957 min Scan# 980
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45



Tgt Ion:122 Resp: 16798
Ion Ratio Lower Upper
122 100
105 117.9 96.8 136.8
77 84.5 59.1 99.1





#33
4-Chloroaniline
Concen: 79.642 ng
RT: 8.251 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

Instrument :

BNA_F

ClientSampleId :

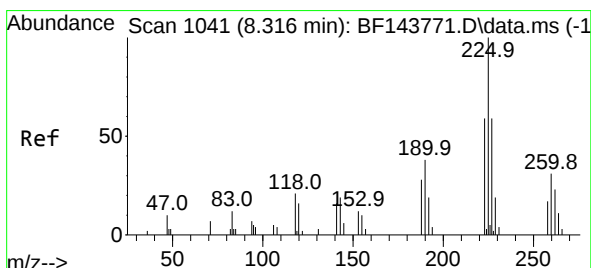
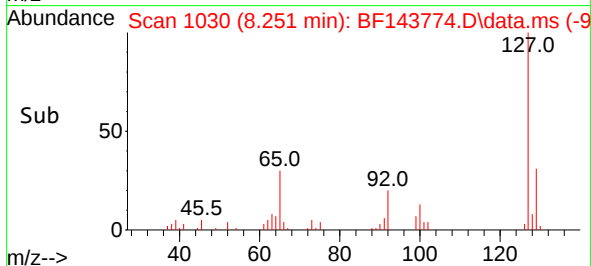
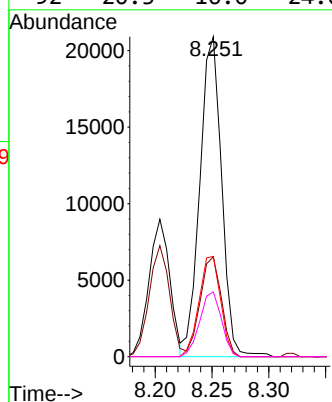
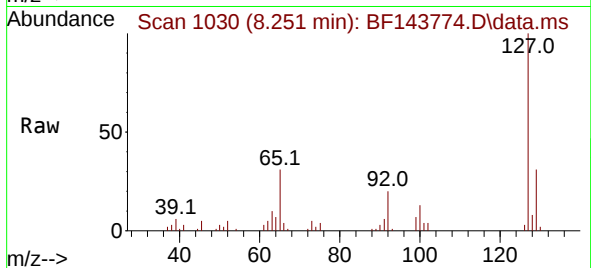
SSTDICC080

Tgt Ion:127 Resp: 27869
Ion Ratio Lower Upper
127 100
129 31.2 24.3 36.5
65 31.4 24.0 36.0
92 20.3 16.0 24.0

Manual Integrations

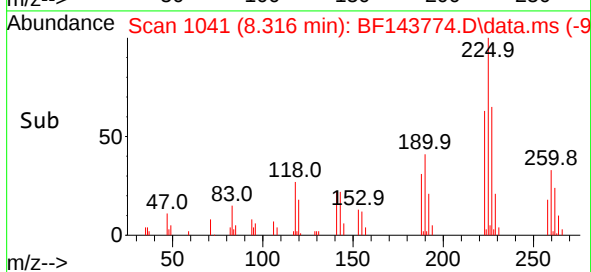
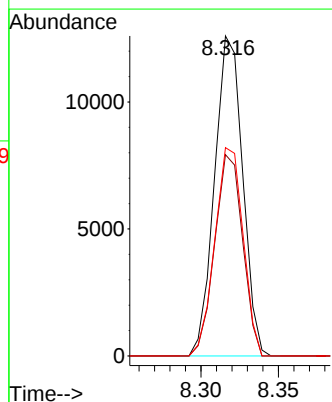
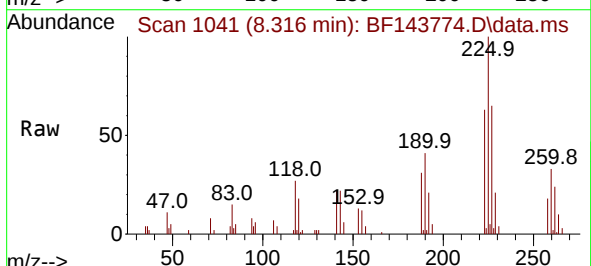
APPROVED

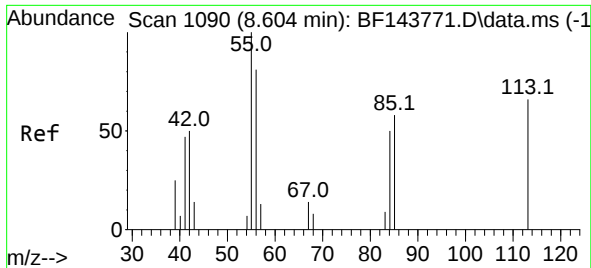
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025



#34
Hexachlorobutadiene
Concen: 77.814 ng
RT: 8.316 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

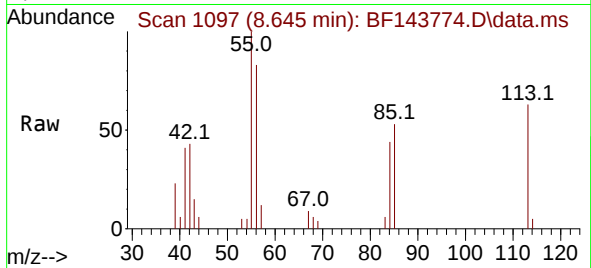
Tgt Ion:225 Resp: 15909
Ion Ratio Lower Upper
225 100
223 62.9 47.1 70.7
227 65.1 47.0 70.6





#35
 Caprolactam
 Concen: 90.443 ng
 RT: 8.645 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF143774.D
 Acq: 16 Sep 2025 14:45

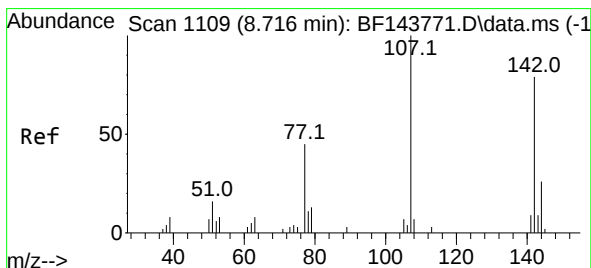
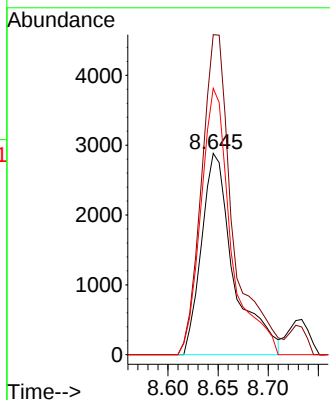
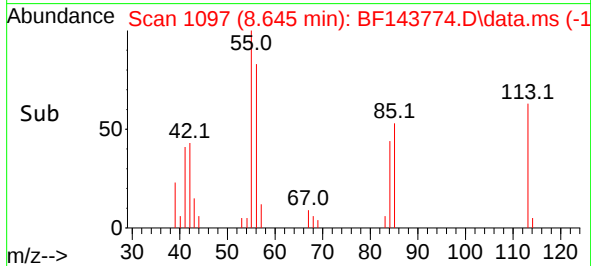
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080



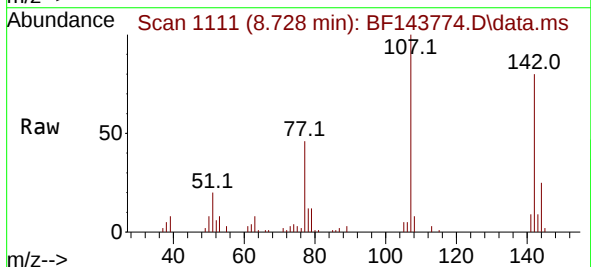
Tgt Ion:113 Resp: 6448
 Ion Ratio Lower Upper
 113 100
 55 159.0 132.6 172.6
 56 132.3 103.7 143.7

Manual Integrations
 APPROVED

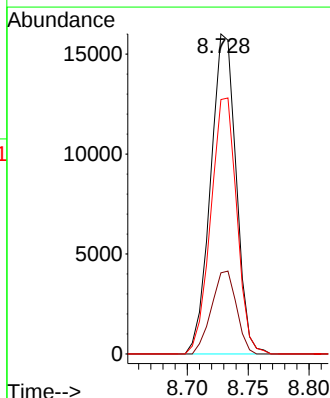
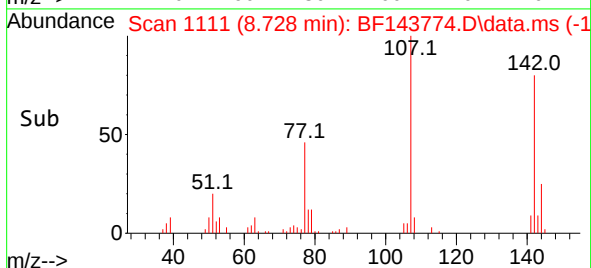
Reviewed By :Rahul Chavli 09/17/2025
 Supervised By :Jagrut Upadhyay 09/17/2025

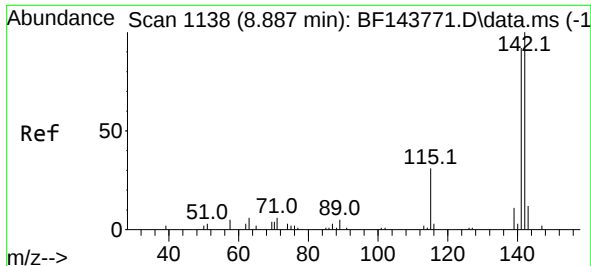


#36
 4-Chloro-3-methylphenol
 Concen: 79.918 ng
 RT: 8.728 min Scan# 1111
 Delta R.T. 0.000 min
 Lab File: BF143774.D
 Acq: 16 Sep 2025 14:45



Tgt Ion:107 Resp: 23373
 Ion Ratio Lower Upper
 107 100
 144 25.4 21.2 31.8
 142 79.5 63.0 94.6





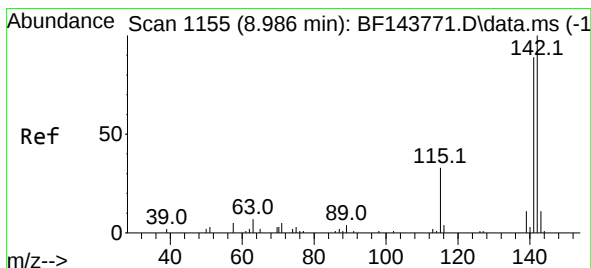
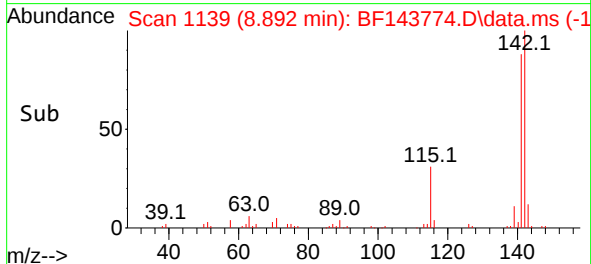
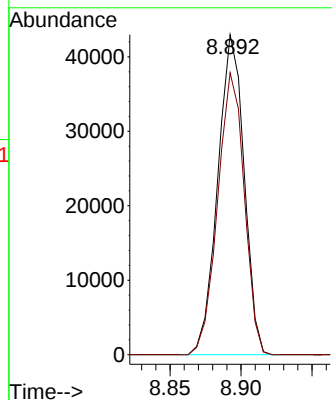
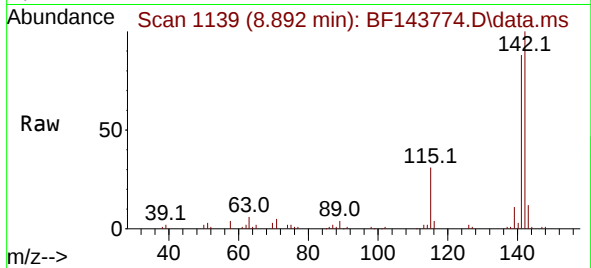
#37
2-Methylnaphthalene
Concen: 81.681 ng
RT: 8.892 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:142 Resp: 5538
Ion Ratio Lower Upper
142 100
141 88.1 74.0 111.0

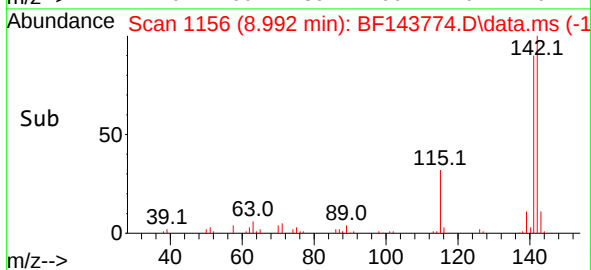
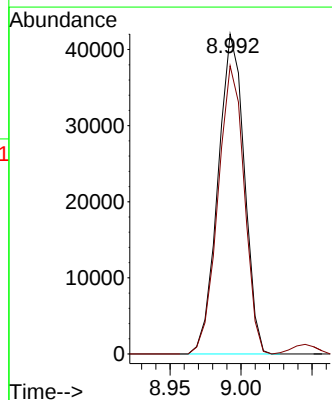
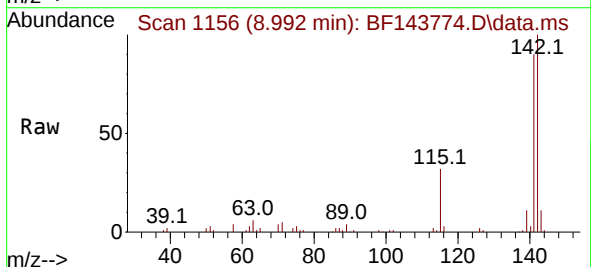
Manual Integrations
APPROVED

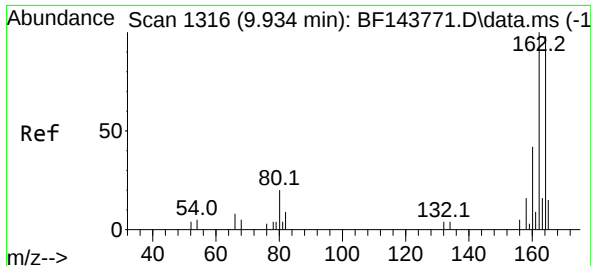
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025



#38
1-Methylnaphthalene
Concen: 81.850 ng
RT: 8.992 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

Tgt Ion:142 Resp: 54174
Ion Ratio Lower Upper
142 100
141 90.0 71.4 107.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF143774.D

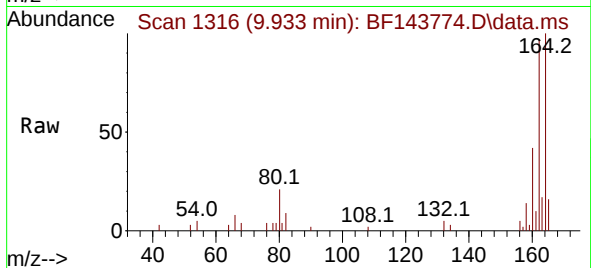
Acq: 16 Sep 2025 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



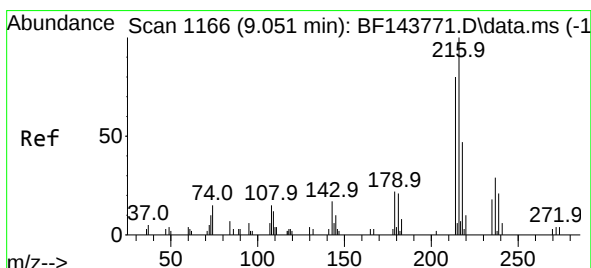
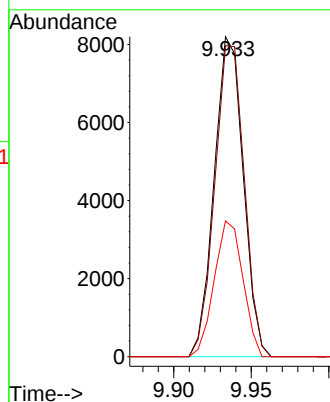
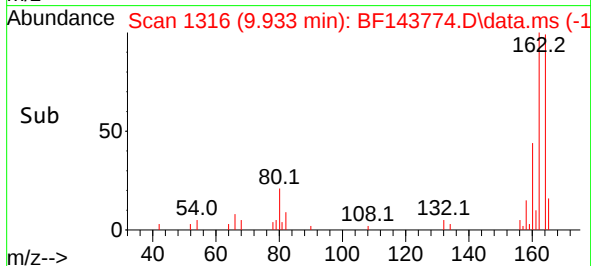
Tgt Ion:164	Resp:	1068
Ion Ratio	Lower	Upper
164	100	
162	97.2	81.5 122.3
160	42.5	33.9 50.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/17/2025

Supervised By :Jagrut Upadhyay 09/17/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 80.235 ng

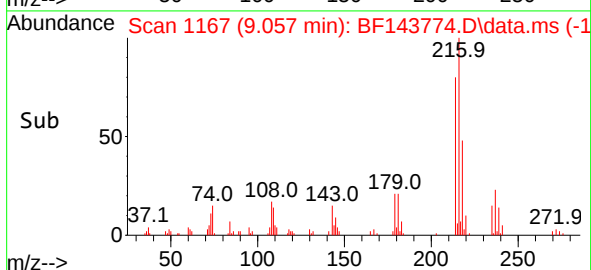
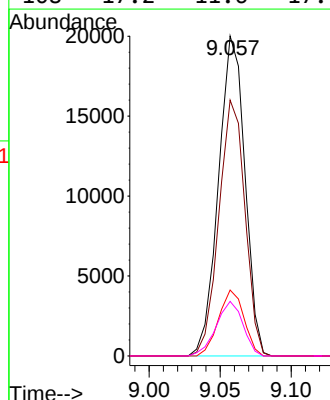
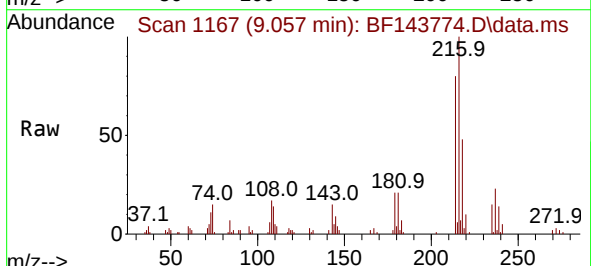
RT: 9.057 min Scan# 1167

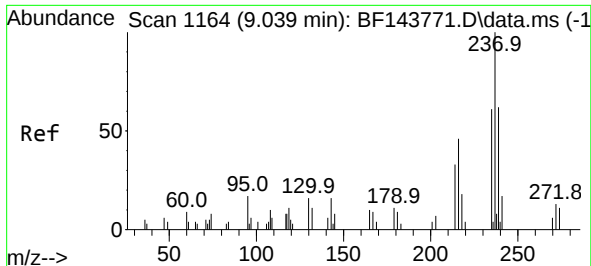
Delta R.T. 0.000 min

Lab File: BF143774.D

Acq: 16 Sep 2025 14:45

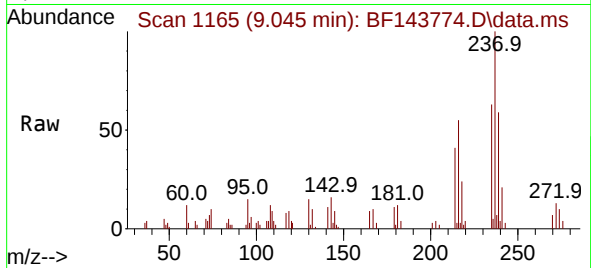
Tgt Ion:216	Resp:	25865
Ion Ratio	Lower	Upper
216	100	
214	78.9	62.9 94.3
179	19.8	17.3 25.9
108	17.2	11.6 17.4





#41
Hexachlorocyclopentadiene
Concen: 83.075 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

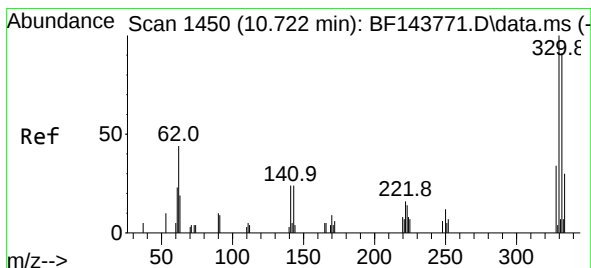
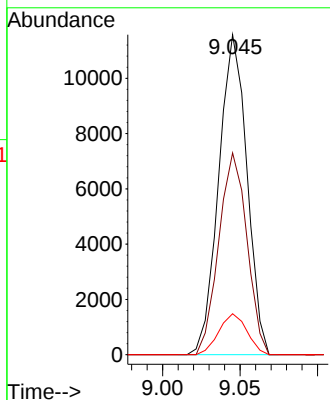
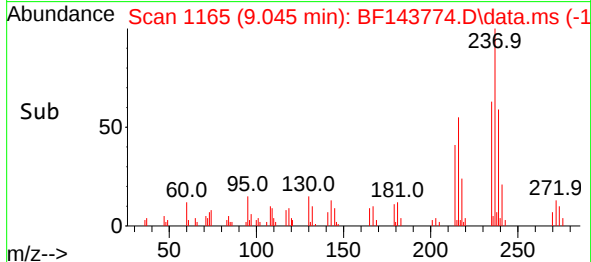
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



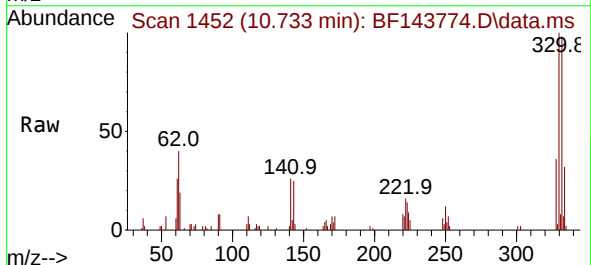
Tgt Ion: 237 Resp: 14634
Ion Ratio Lower Upper
237 100
235 63.1 40.8 80.8
272 12.8 0.0 33.5

Manual Integrations
APPROVED

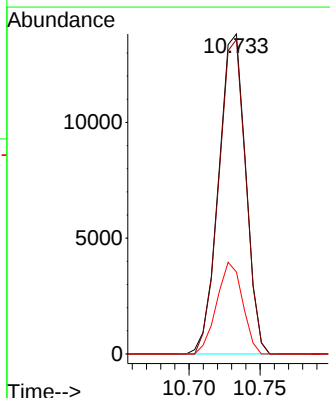
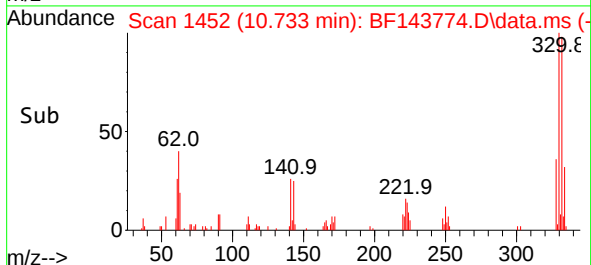
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025

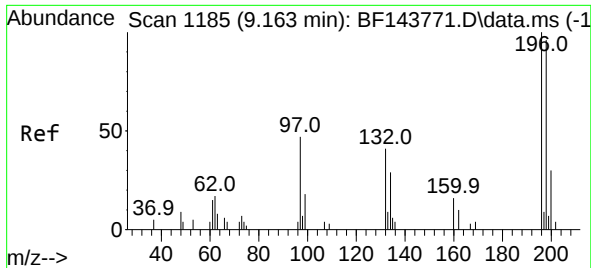


#42
2,4,6-Tribromophenol
Concen: 170.024 ng
RT: 10.733 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45



Tgt Ion: 330 Resp: 18327
Ion Ratio Lower Upper
330 100
332 97.6 72.0 108.0
141 27.3 20.3 30.5





#43
2,4,6-Trichlorophenol
Concen: 83.896 ng
RT: 9.169 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

Instrument :

BNA_F

ClientSampleId :

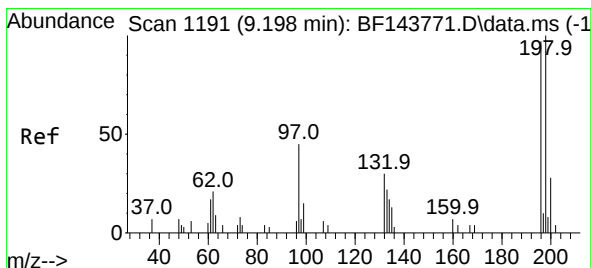
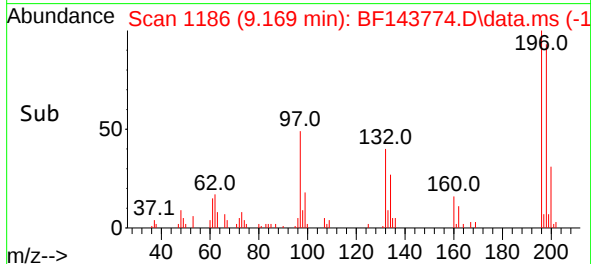
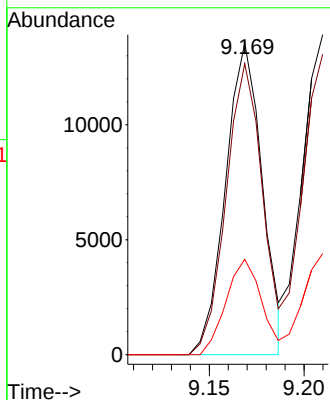
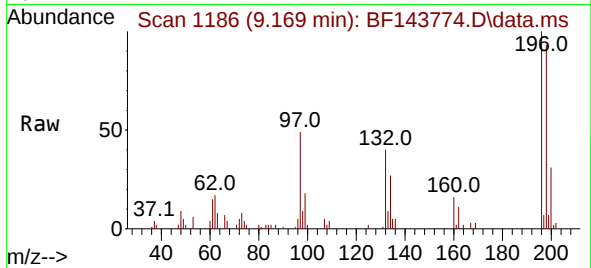
SSTDICC080

Tgt Ion:196 Resp: 18250
Ion Ratio Lower Upper
196 100
198 93.3 76.9 115.3
200 30.6 24.3 36.5

Manual Integrations

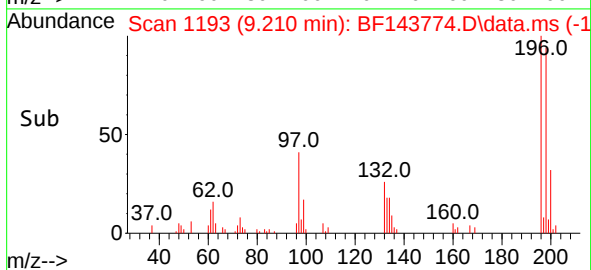
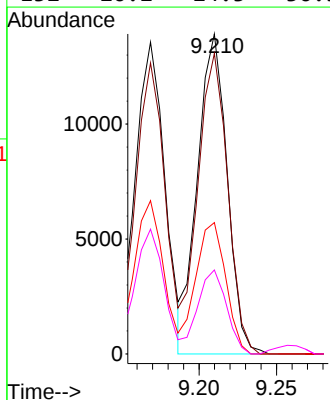
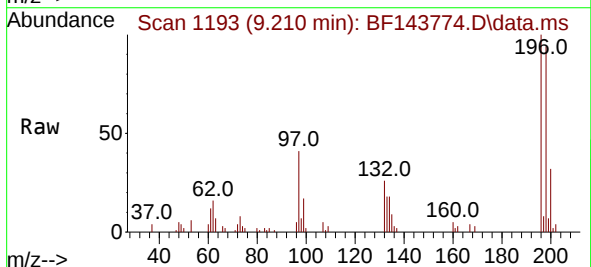
APPROVED

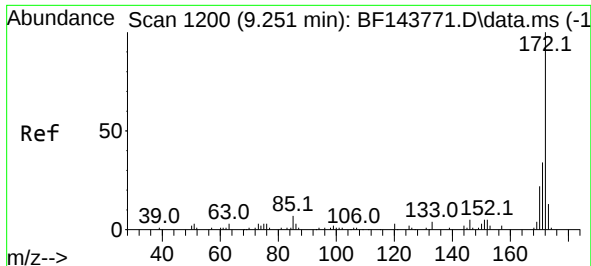
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025



#44
2,4,5-Trichlorophenol
Concen: 85.165 ng
RT: 9.210 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

Tgt Ion:196 Resp: 18513
Ion Ratio Lower Upper
196 100
198 93.9 80.8 121.2
97 41.0 36.6 54.8
132 26.2 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 158.867 ng

RT: 9.257 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF143774.D

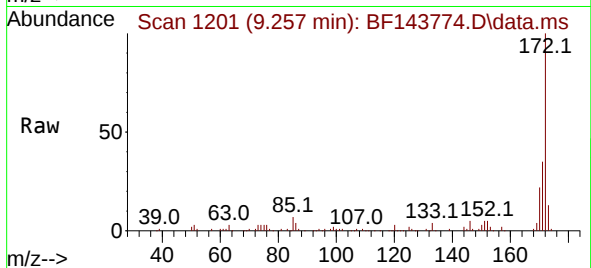
Acq: 16 Sep 2025 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:172 Resp: 123329

Ion Ratio Lower Upper

172 100

171 34.6 27.5 41.3

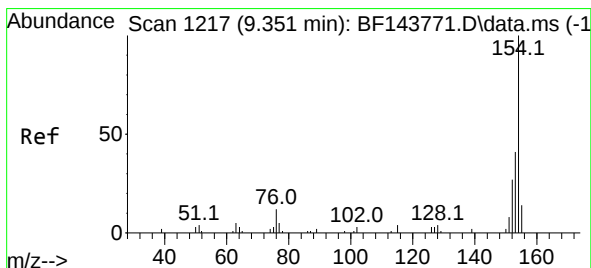
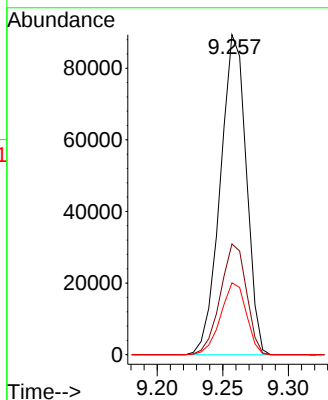
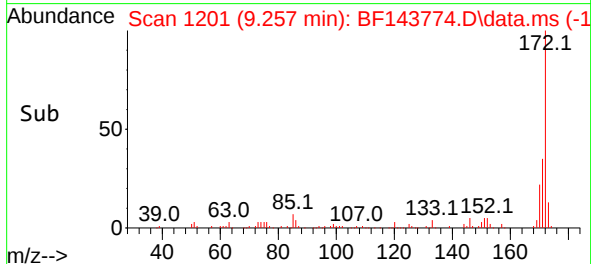
170 22.5 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/17/2025

Supervised By :Jagrut Upadhyay 09/17/2025



#46

1,1'-Biphenyl

Concen: 79.773 ng

RT: 9.363 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF143774.D

Acq: 16 Sep 2025 14:45

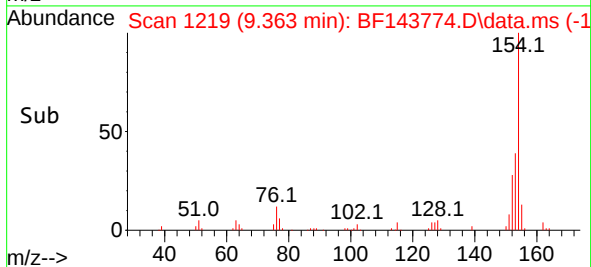
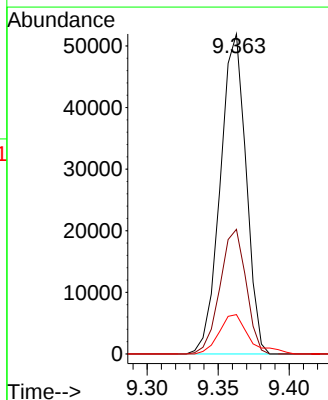
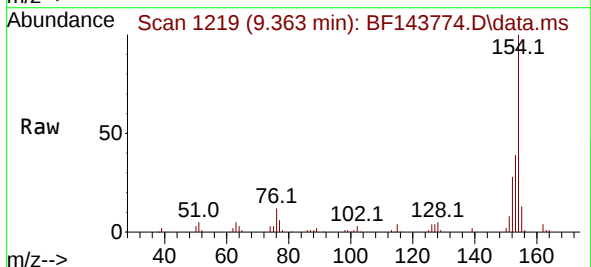
Tgt Ion:154 Resp: 65499

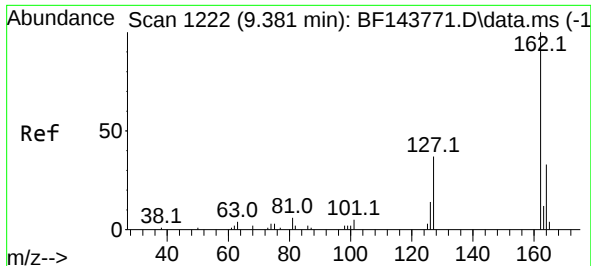
Ion Ratio Lower Upper

154 100

153 39.0 21.3 61.3

76 12.3 0.0 32.1





#47
2-Chloronaphthalene
Concen: 80.939 ng
RT: 9.386 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

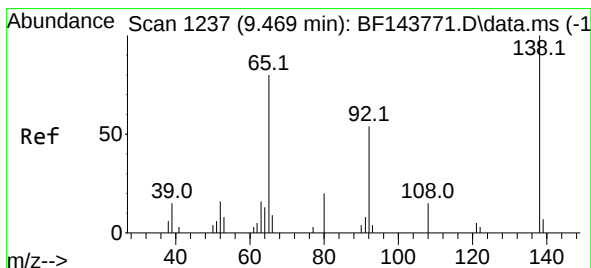
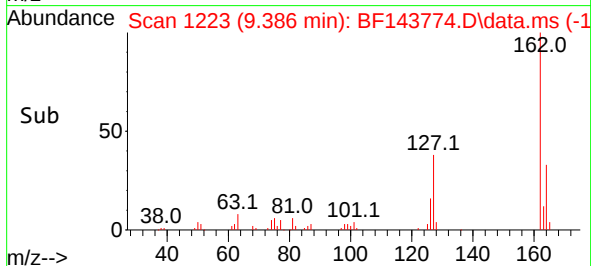
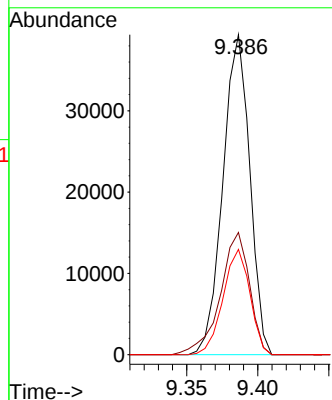
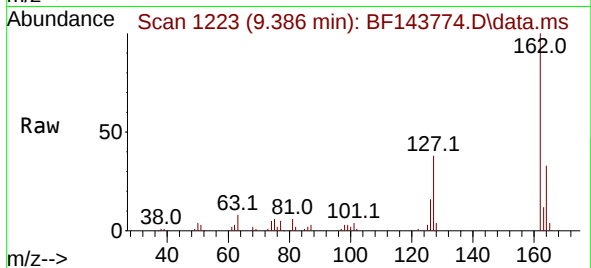
Tgt Ion:162 Resp: 51728
Ion Ratio Lower Upper
162 100
127 38.2 31.5 47.3
164 32.9 26.0 39.0

Manual Integrations

APPROVED

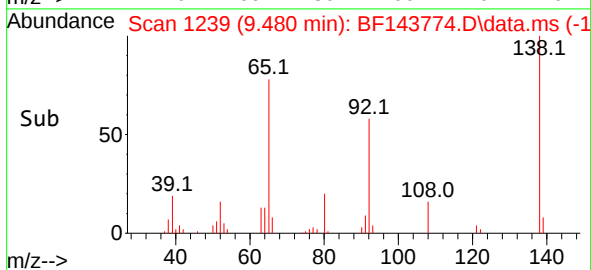
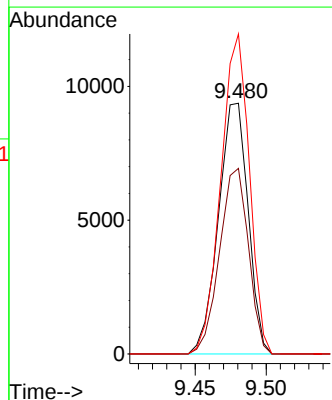
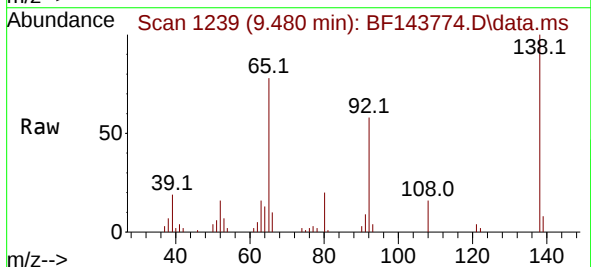
Reviewed By :Rahul Chavli 09/17/2025

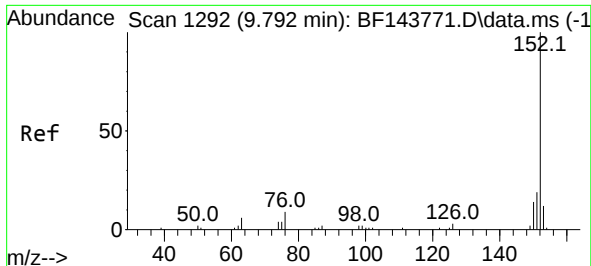
Supervised By :Jagrut Upadhyay 09/17/2025



#48
2-Nitroaniline
Concen: 81.304 ng
RT: 9.480 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

Tgt Ion: 65 Resp: 13615
Ion Ratio Lower Upper
65 100
92 74.0 54.6 81.8
138 127.6 100.4 150.6





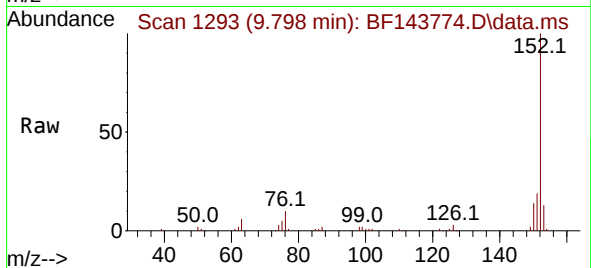
#49
Acenaphthylene
Concen: 81.398 ng
RT: 9.798 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



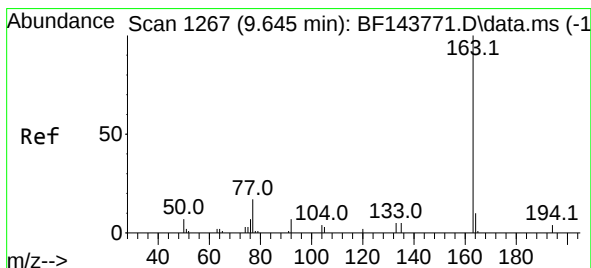
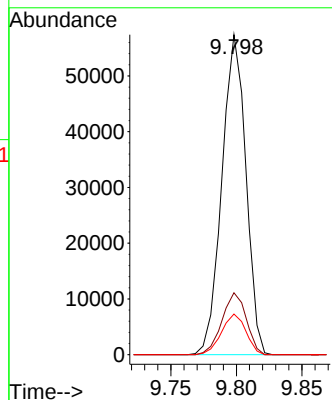
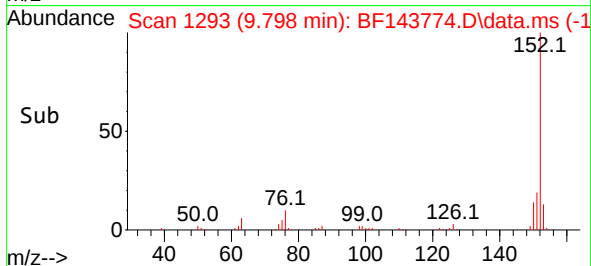
Tgt Ion:152 Resp: 73108
Ion Ratio Lower Upper
152 100
151 19.4 15.1 22.7
153 12.7 9.8 14.8

Manual Integrations

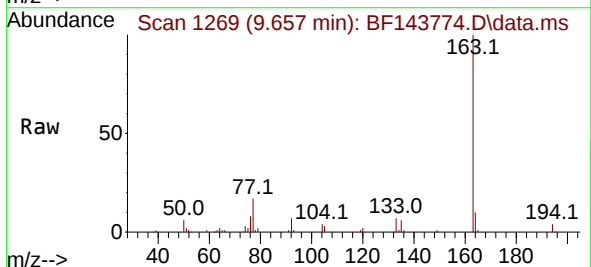
APPROVED

Reviewed By :Rahul Chavli 09/17/2025

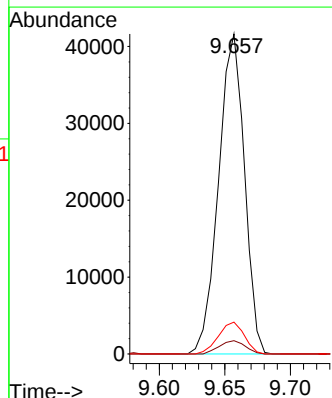
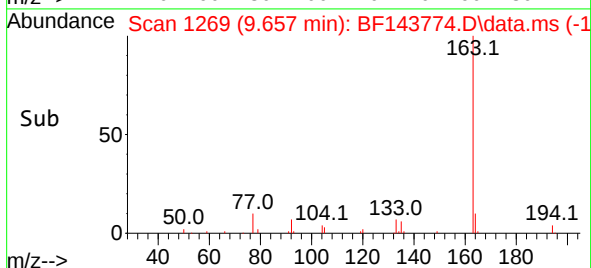
Supervised By :Jagrut Upadhyay 09/17/2025

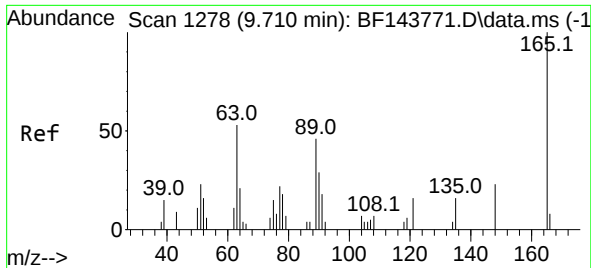


#50
Dimethylphthalate
Concen: 81.185 ng
RT: 9.657 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45



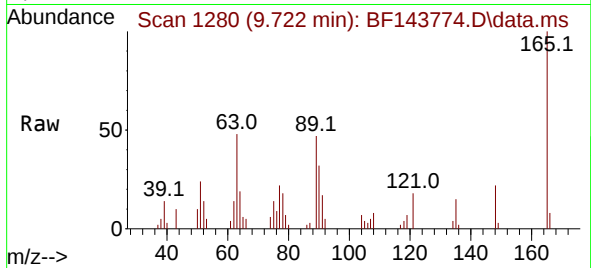
Tgt Ion:163 Resp: 57024
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 9.9 7.8 11.6





#51
2,6-Dinitrotoluene
Concen: 86.073 ng
RT: 9.722 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

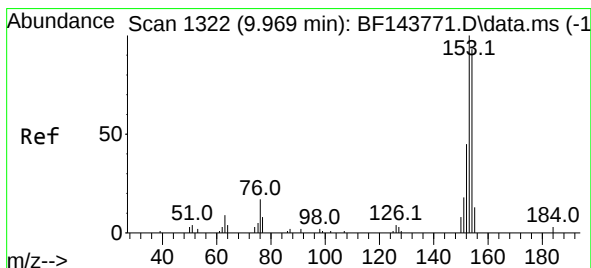
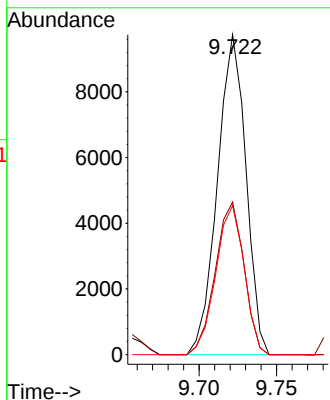
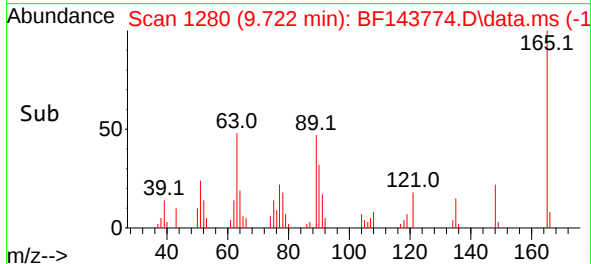
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:165 Resp: 1246
Ion Ratio Lower Upper
165 100
63 47.7 42.5 63.7
89 46.6 36.9 55.3

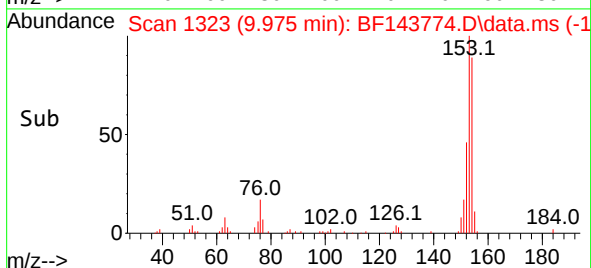
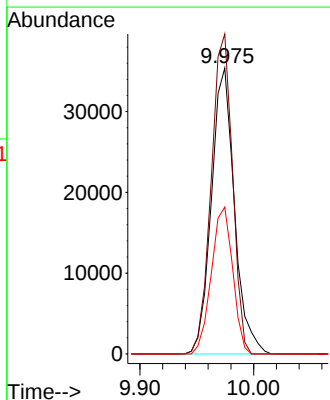
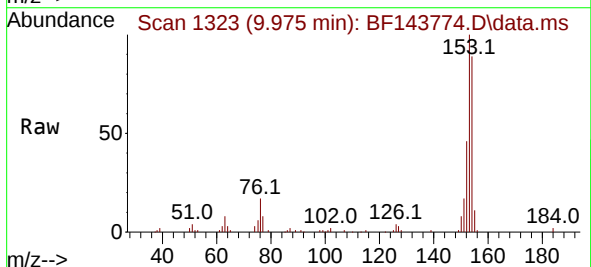
Manual Integrations
APPROVED

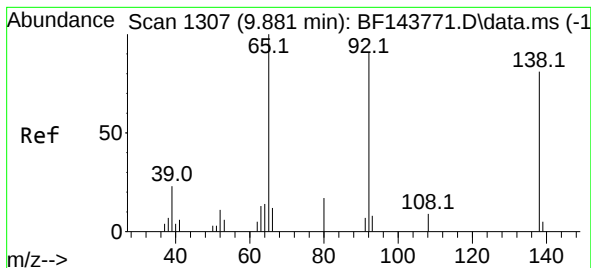
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025



#52
Acenaphthene
Concen: 82.800 ng
RT: 9.975 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

Tgt Ion:154 Resp: 49840
Ion Ratio Lower Upper
154 100
153 111.9 85.7 128.5
152 51.4 38.7 58.1





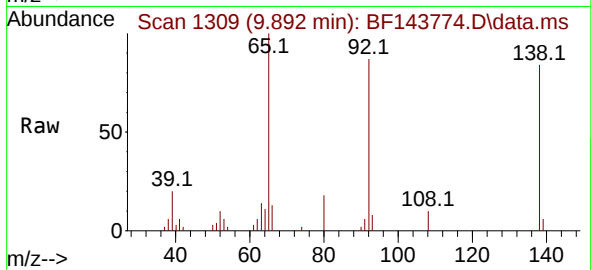
#53
3-Nitroaniline
Concen: 86.086 ng
RT: 9.892 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



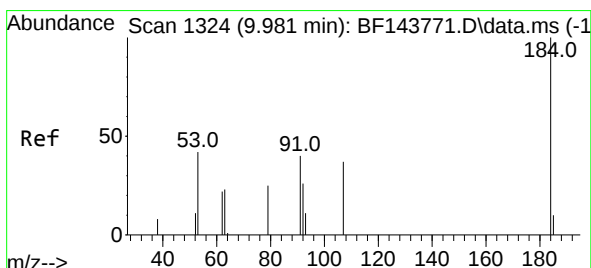
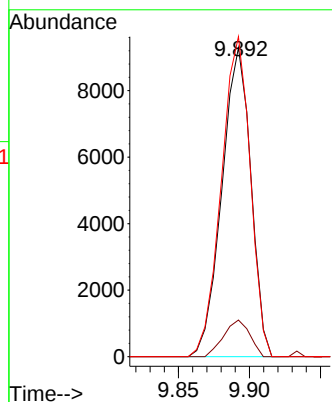
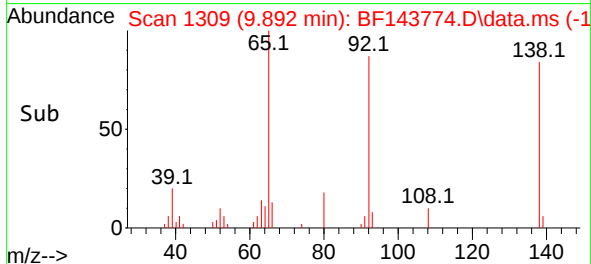
Tgt Ion:138 Resp: 1314
Ion Ratio Lower Upper
138 100
108 11.9 9.3 13.9
92 103.6 89.8 134.6

Manual Integrations

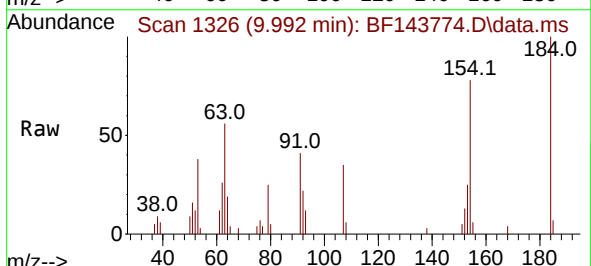
APPROVED

Reviewed By :Rahul Chavli 09/17/2025

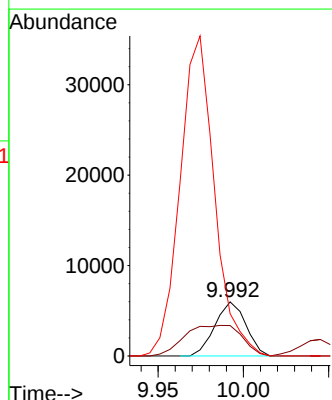
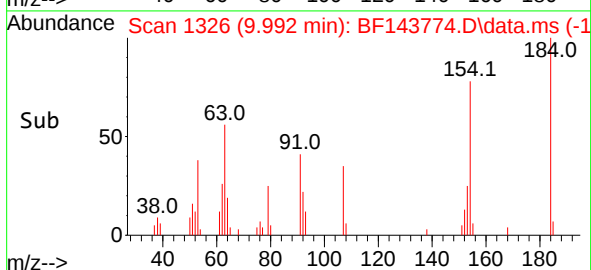
Supervised By :Jagrut Upadhyay 09/17/2025

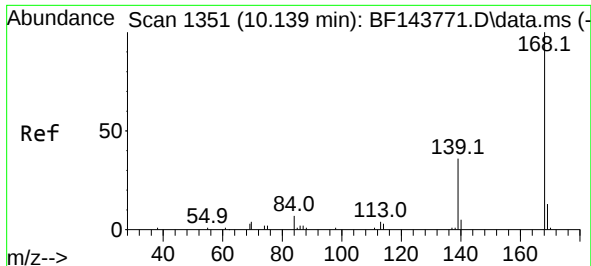


#54
2,4-Dinitrophenol
Concen: 79.208 ng
RT: 9.992 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45



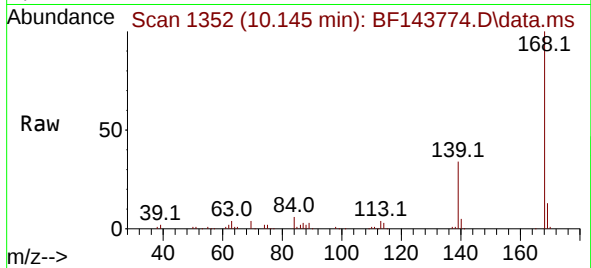
Tgt Ion:184 Resp: 7551
Ion Ratio Lower Upper
184 100
63 56.4 51.4 77.2
154 78.1 171.0 256.6#





#55
Dibenzenofuran
Concen: 82.620 ng
RT: 10.145 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

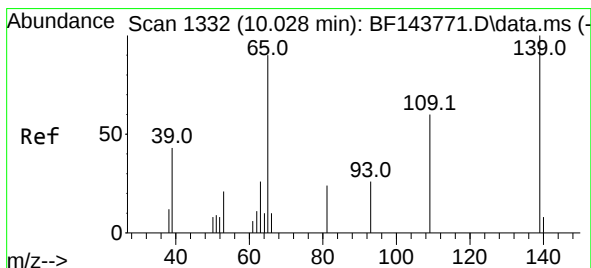
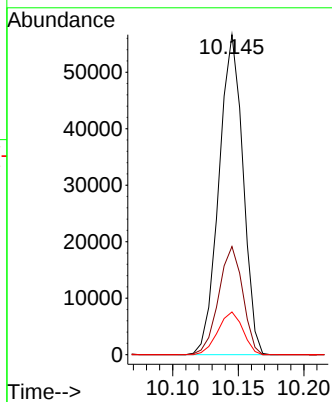
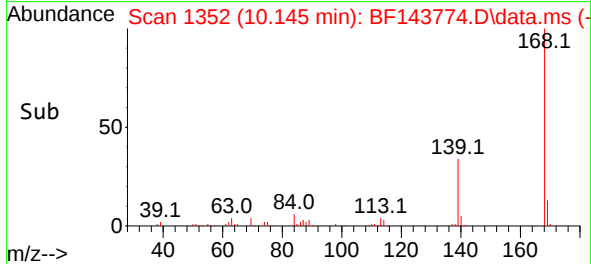
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



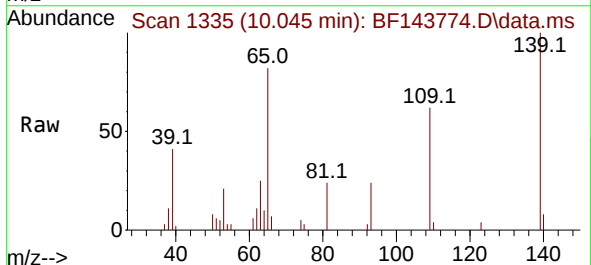
Tgt Ion:168 Resp: 72218
Ion Ratio Lower Upper
168 100
139 33.8 28.6 42.8
169 13.3 10.6 16.0

Manual Integrations
APPROVED

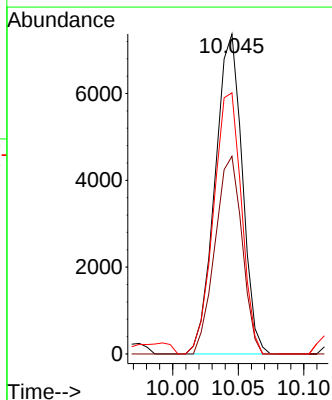
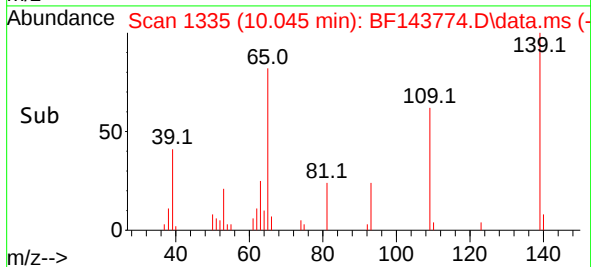
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025

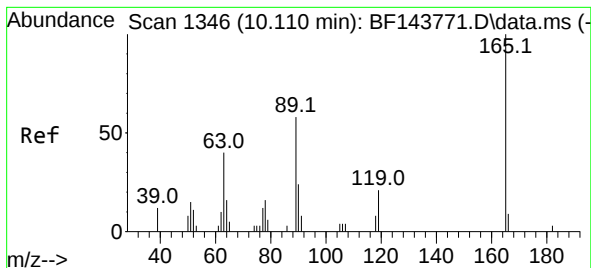


#56
4-Nitrophenol
Concen: 91.839 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45



Tgt Ion:139 Resp: 10621
Ion Ratio Lower Upper
139 100
109 61.8 40.1 80.1
65 81.6 69.7 109.7





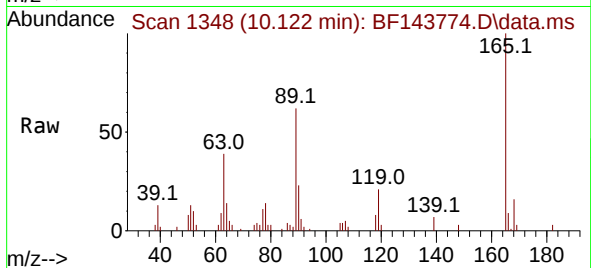
#57
2,4-Dinitrotoluene
Concen: 83.168 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



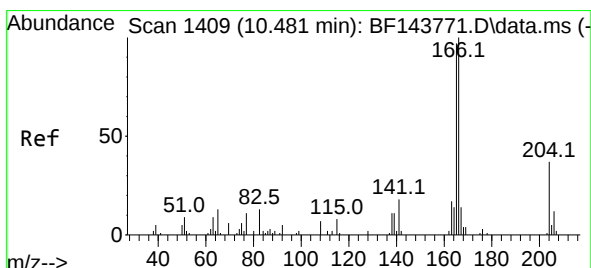
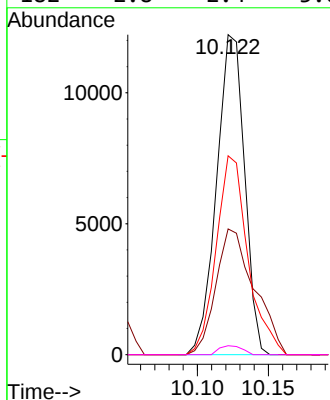
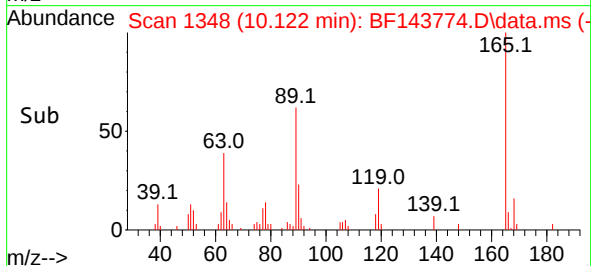
Tgt Ion:165 Resp: 16759
Ion Ratio Lower Upper
165 100
63 39.3 32.1 48.1
89 62.2 46.4 69.6
182 2.8 2.4 3.6

Manual Integrations

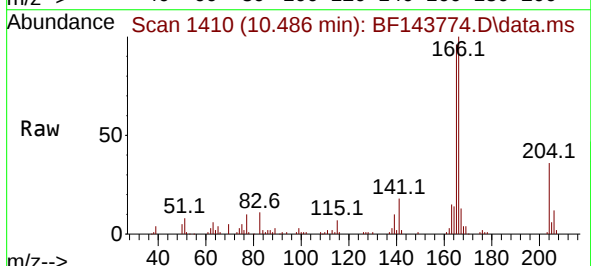
APPROVED

Reviewed By :Rahul Chavli 09/17/2025

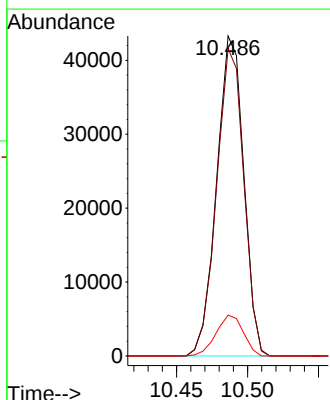
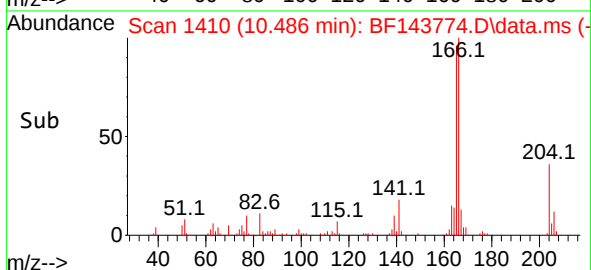
Supervised By :Jagrut Upadhyay 09/17/2025

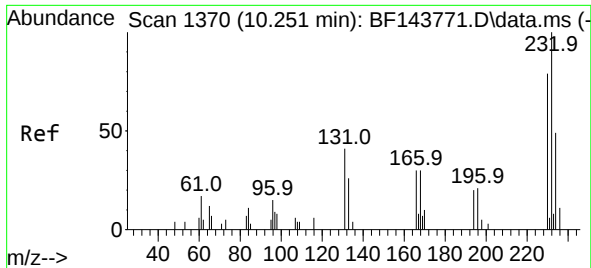


#58
Fluorene
Concen: 83.791 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45



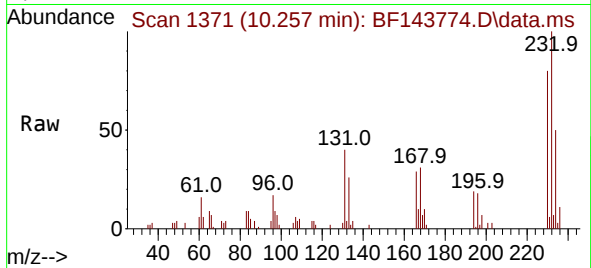
Tgt Ion:166 Resp: 57267
Ion Ratio Lower Upper
166 100
165 96.1 77.8 116.8
167 12.8 11.6 17.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 88.782 ng
RT: 10.257 min Scan# 1371
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

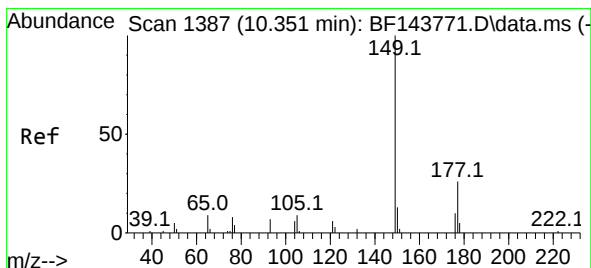
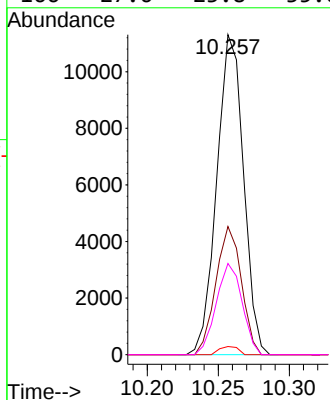
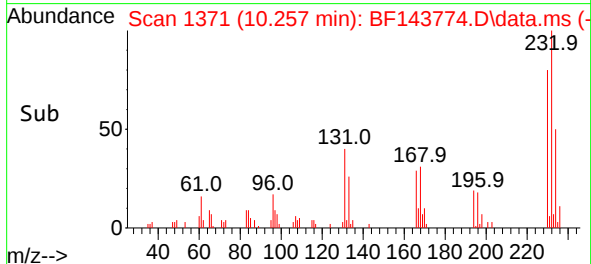
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:232 Resp: 14785
Ion Ratio Lower Upper
232 100
131 38.2 32.9 49.3
130 1.8 0.0 0.0
166 27.6 23.8 35.6

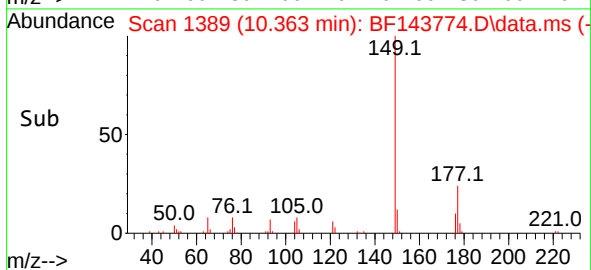
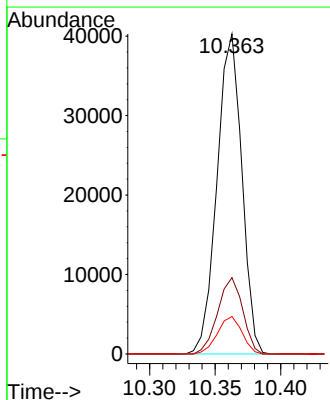
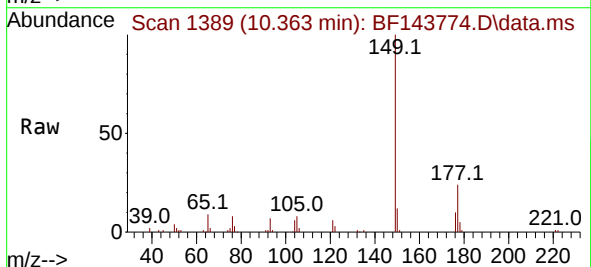
Manual Integrations
APPROVED

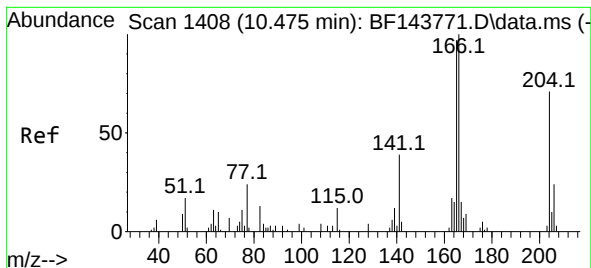
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025



#60
Diethylphthalate
Concen: 82.031 ng
RT: 10.363 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

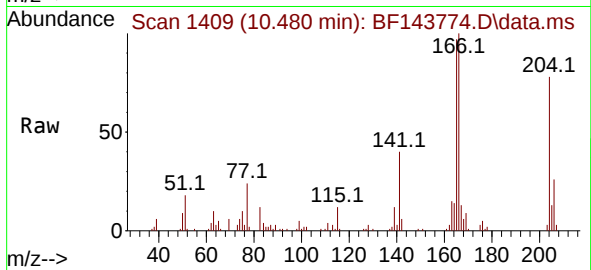
Tgt Ion:149 Resp: 52900
Ion Ratio Lower Upper
149 100
177 23.9 20.4 30.6
150 11.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 81.793 ng
RT: 10.480 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

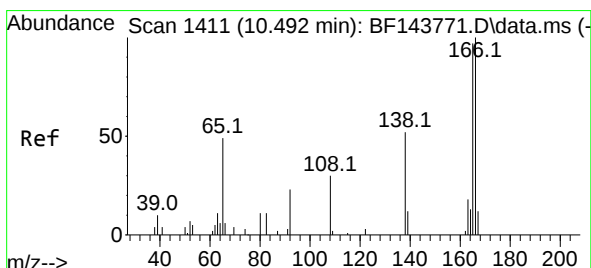
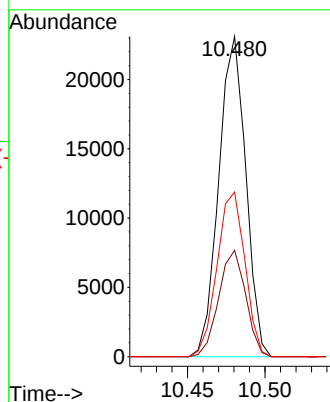
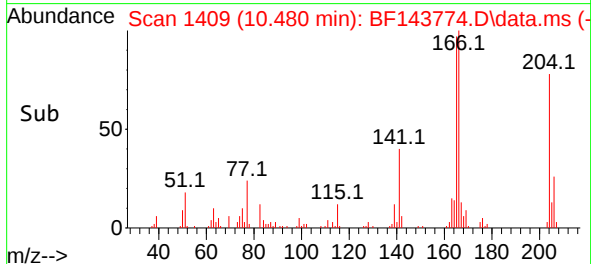
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:204 Resp: 2804
Ion Ratio Lower Upper
204 100
206 33.3 27.7 41.5
141 51.5 44.2 66.4

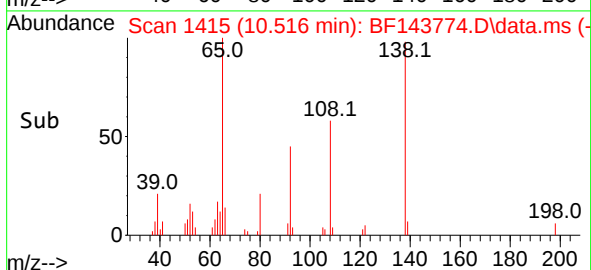
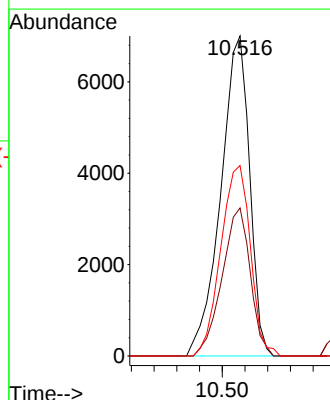
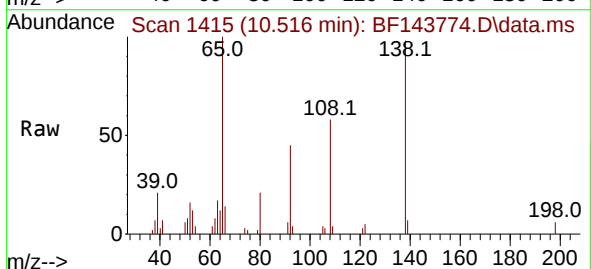
Manual Integrations
APPROVED

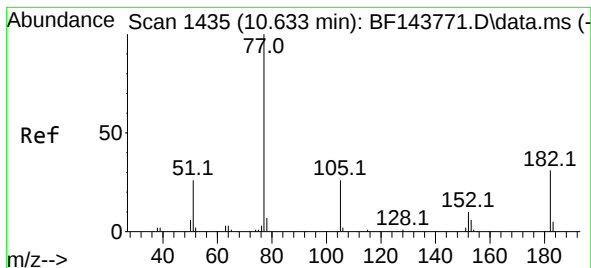
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025



#62
4-Nitroaniline
Concen: 84.510 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

Tgt Ion:138 Resp: 12327
Ion Ratio Lower Upper
138 100
92 46.3 25.3 65.3
108 59.5 38.8 78.8





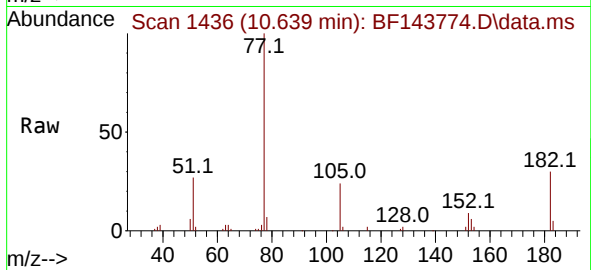
#63
Azobenzene
Concen: 83.177 ng
RT: 10.639 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

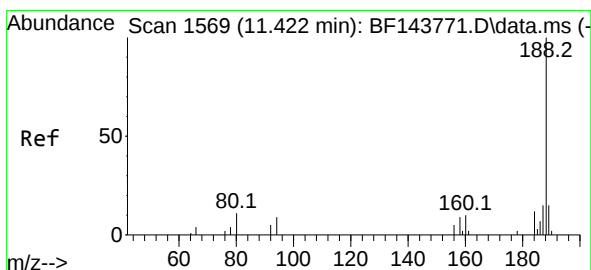
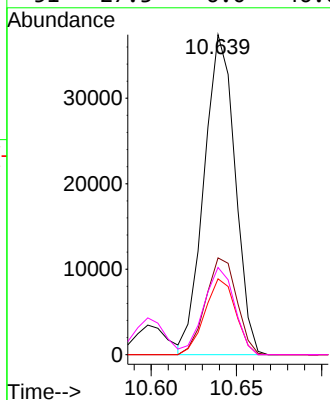
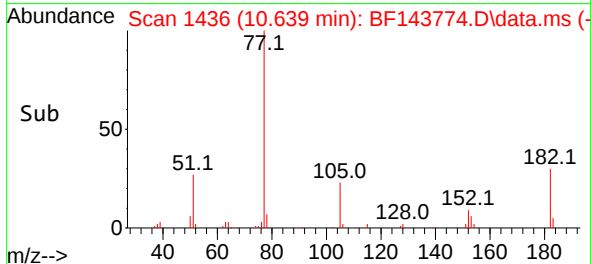


Tgt Ion: 77 Resp: 4733
Ion Ratio Lower Upper
77 100
182 30.2 10.7 50.7
105 23.7 6.0 46.0
51 27.3 6.0 46.0

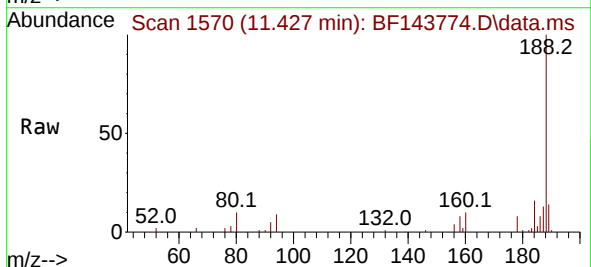
Manual Integrations

APPROVED

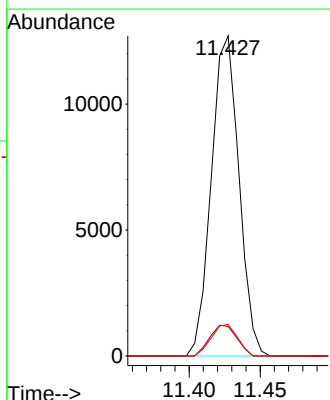
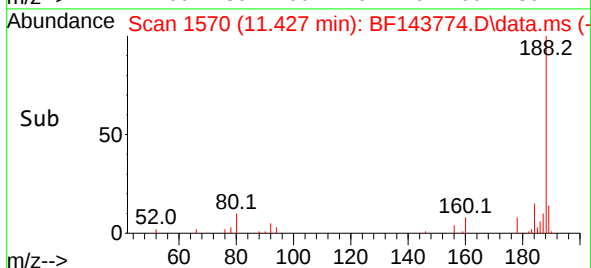
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025

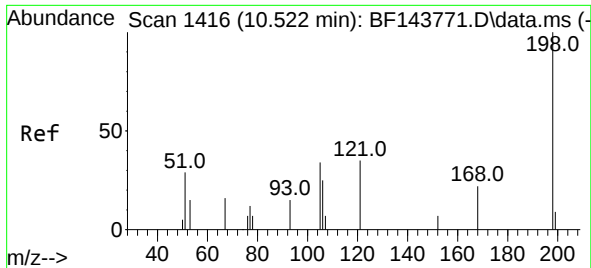


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45



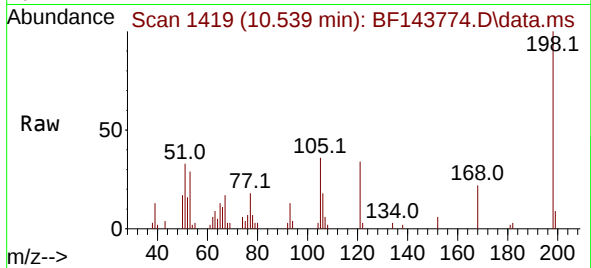
Tgt Ion:188 Resp: 17155
Ion Ratio Lower Upper
188 100
94 9.3 7.5 11.3
80 9.9 8.6 13.0





#65
4,6-Dinitro-2-methylphenol
Concen: 80.865 ng
RT: 10.539 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

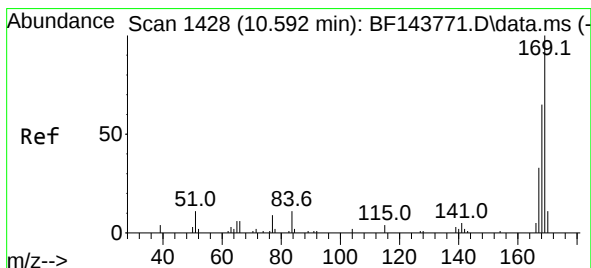
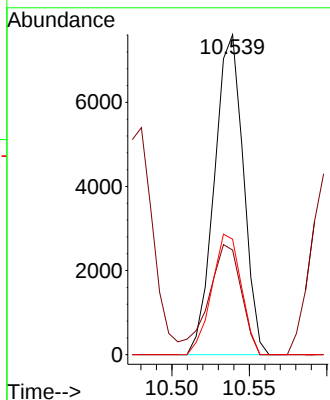
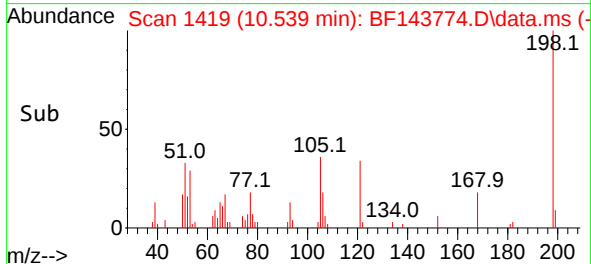
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



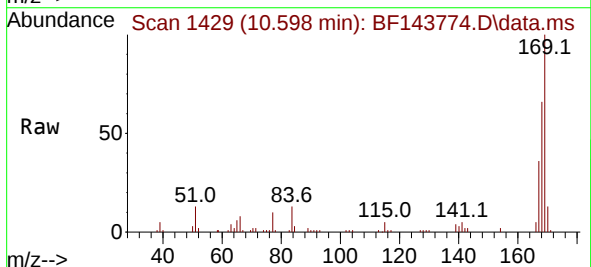
Tgt Ion:198 Resp: 988
Ion Ratio Lower Upper
198 100
51 32.7 23.6 63.6
105 36.1 13.5 53.5

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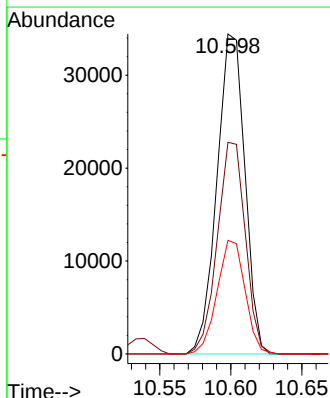
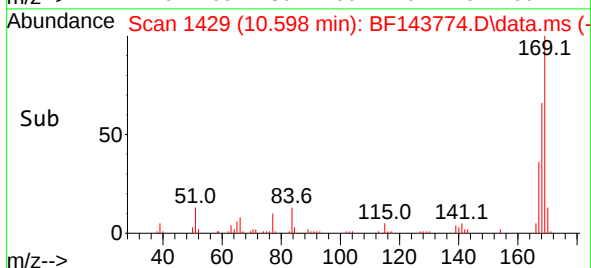
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025

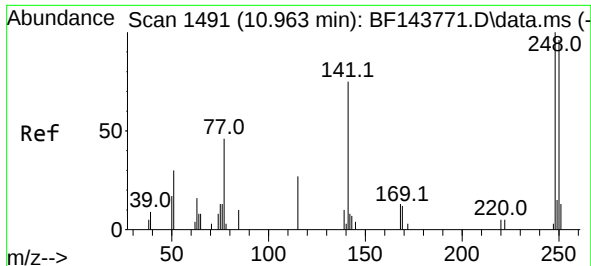


#66
n-Nitrosodiphenylamine
Concen: 78.694 ng
RT: 10.598 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45



Tgt Ion:169 Resp: 47113
Ion Ratio Lower Upper
169 100
168 66.2 52.2 78.2
167 35.5 26.6 40.0





#67
4-Bromophenyl-phenylether
Concen: 79.727 ng
RT: 10.969 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

Instrument :

BNA_F

ClientSampleId :

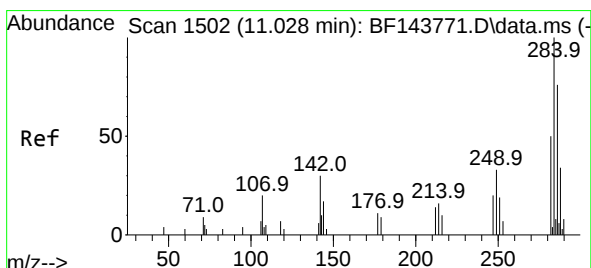
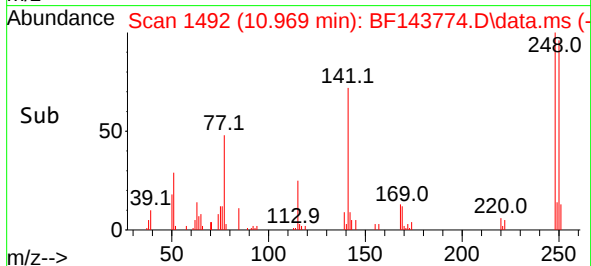
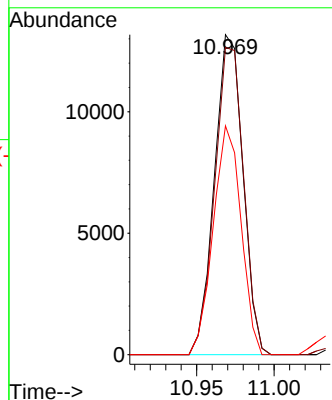
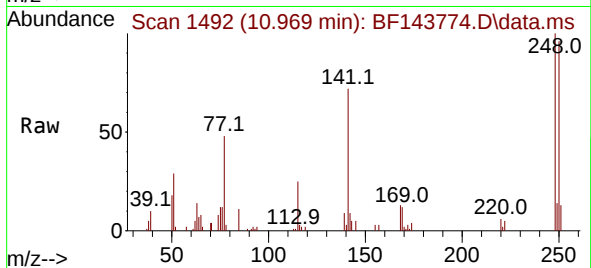
SSTDICC080

Tgt Ion:248 Resp: 16898
Ion Ratio Lower Upper
248 100
250 96.0 76.9 115.3
141 71.5 60.3 90.5

Manual Integrations

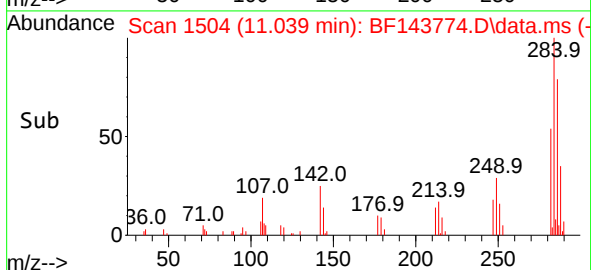
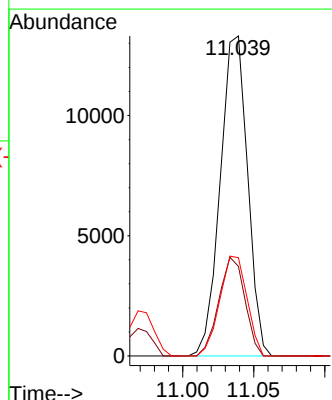
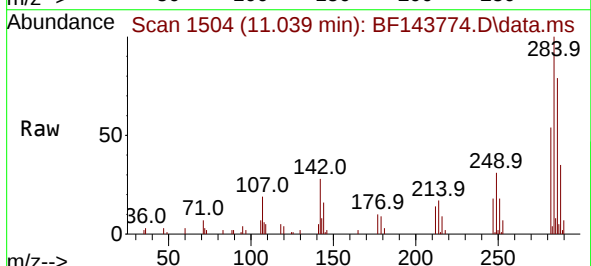
APPROVED

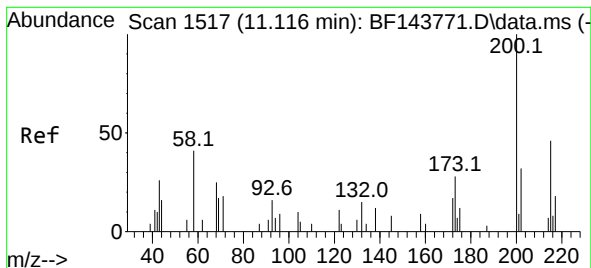
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025



#68
Hexachlorobenzene
Concen: 79.073 ng
RT: 11.039 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

Tgt Ion:284 Resp: 17832
Ion Ratio Lower Upper
284 100
142 28.0 24.2 36.2
249 30.7 26.2 39.4





#69

Atrazine

Concen: 79.264 ng

RT: 11.127 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143774.D

Acq: 16 Sep 2025 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

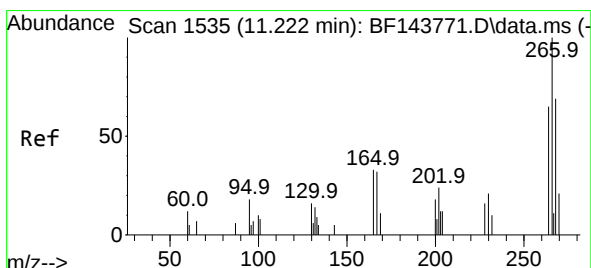
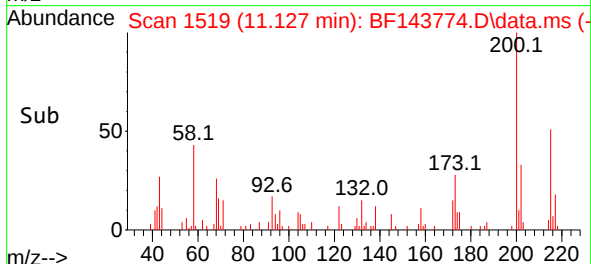
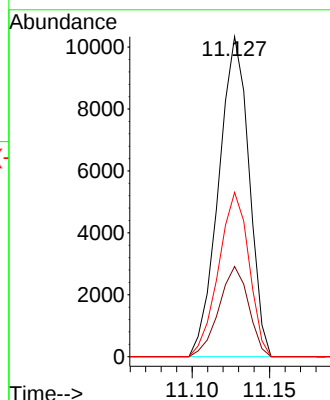
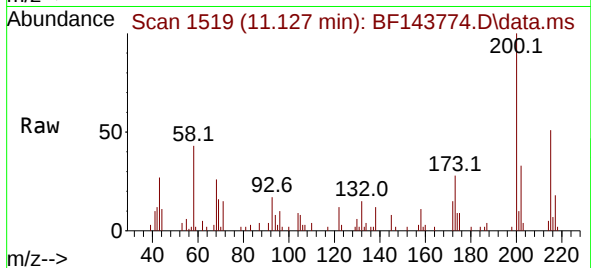
Tgt Ion:	200	Resp:	14094
Ion Ratio	Lower	Upper	
200	100		
173	28.2	8.5	48.5
215	51.4	25.9	65.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/17/2025

Supervised By :Jagrut Upadhyay 09/17/2025



#70

Pentachlorophenol

Concen: 91.543 ng

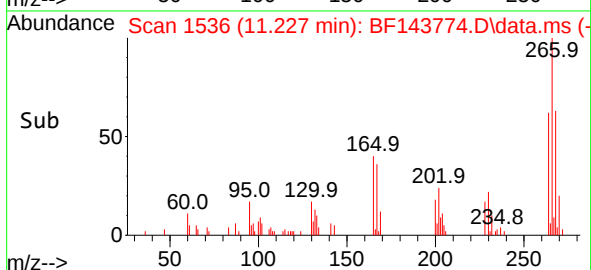
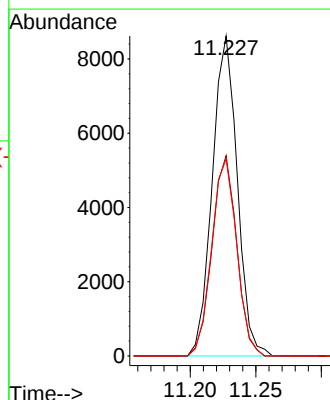
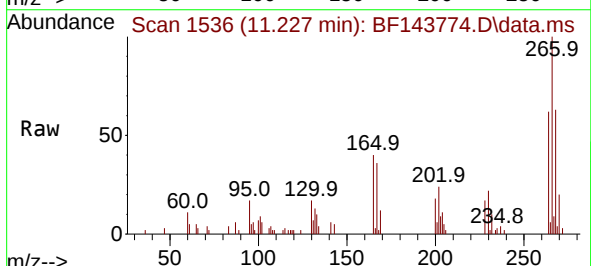
RT: 11.227 min Scan# 1536

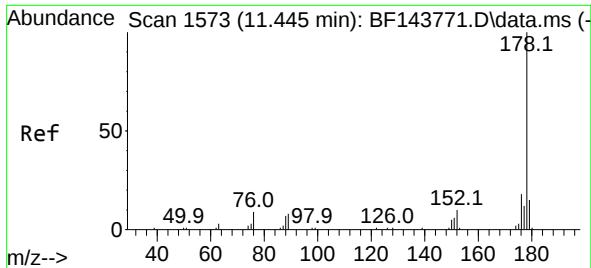
Delta R.T. 0.000 min

Lab File: BF143774.D

Acq: 16 Sep 2025 14:45

Tgt Ion:	266	Resp:	11398
Ion Ratio	Lower	Upper	
266	100		
268	62.6	54.9	82.3
264	61.5	51.9	77.9





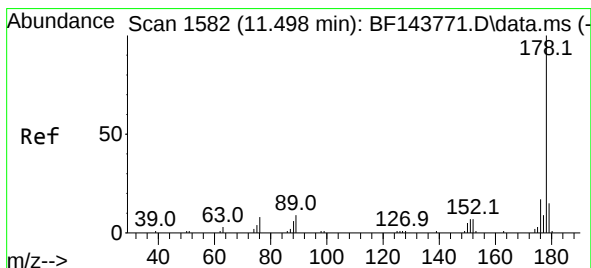
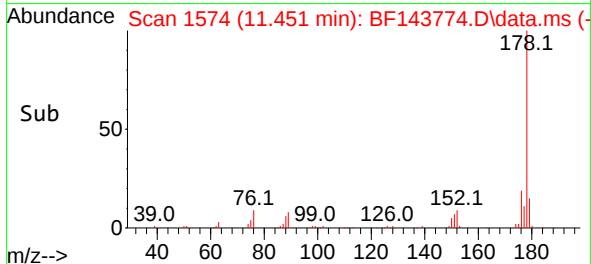
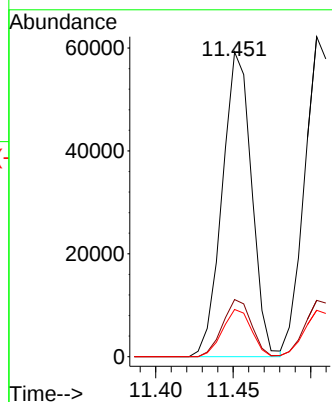
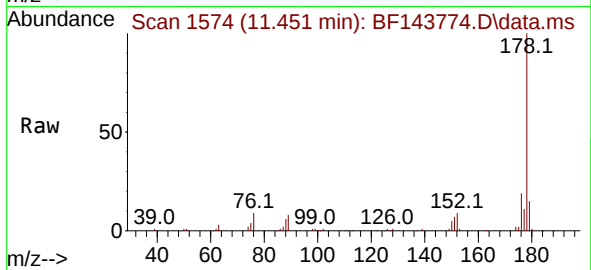
#71
Phenanthrene
Concen: 79.021 ng
RT: 11.451 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:178 Resp: 78128
Ion Ratio Lower Upper
178 100
176 18.8 14.6 22.0
179 15.5 12.3 18.5

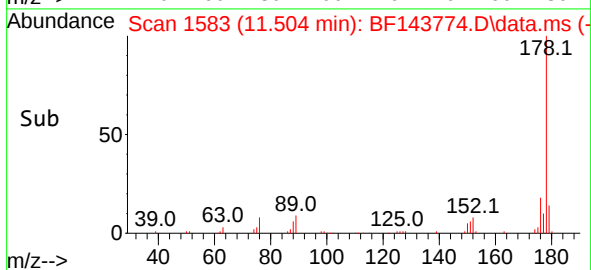
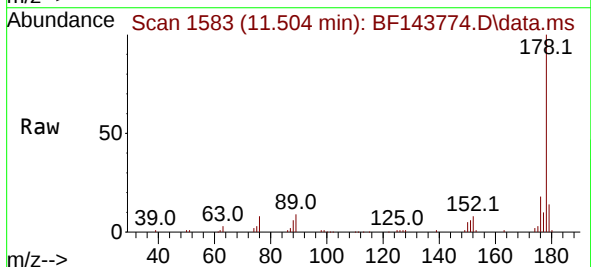
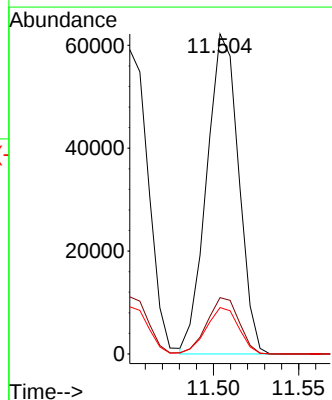
Manual Integrations
APPROVED

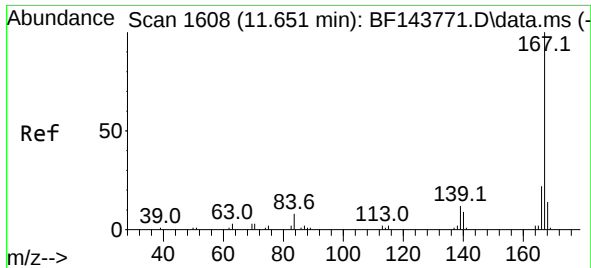
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025



#72
Anthracene
Concen: 80.558 ng
RT: 11.504 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

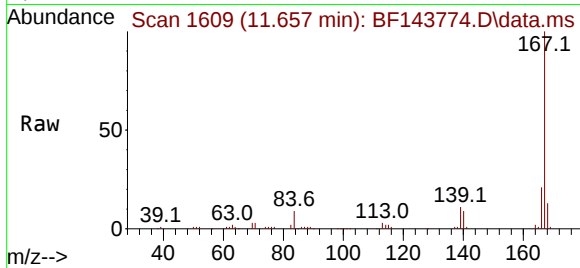
Tgt Ion:178 Resp: 81220
Ion Ratio Lower Upper
178 100
176 17.6 13.7 20.5
179 14.5 11.8 17.8





#73
 Carbazole
 Concen: 80.961 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. 0.000 min
 Lab File: BF143774.D
 Acq: 16 Sep 2025 14:45

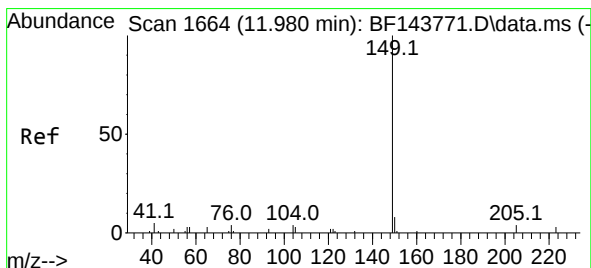
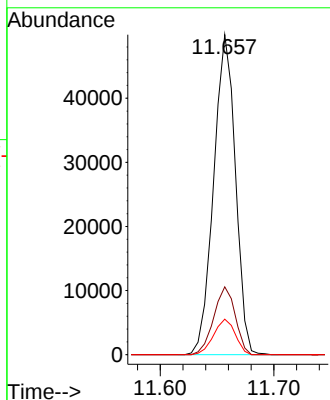
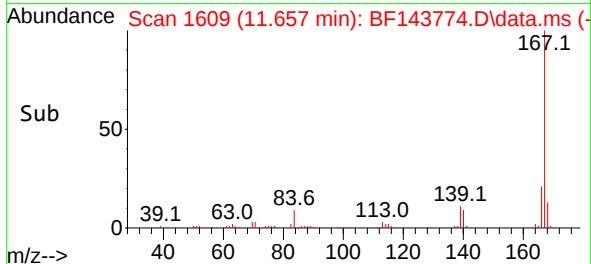
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080



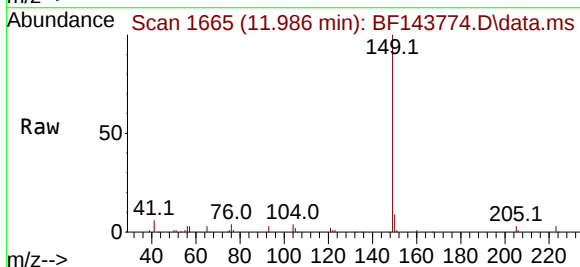
Tgt Ion:167 Resp: 66530
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.4 26.0
 139 11.1 9.2 13.8

Manual Integrations
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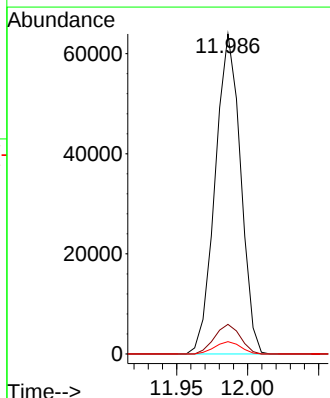
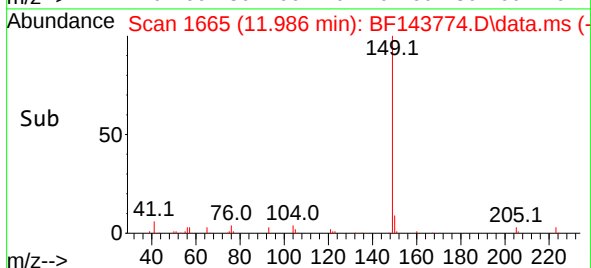
Reviewed By :Rahul Chavli 09/17/2025
 Supervised By :Jagrut Upadhyay 09/17/2025

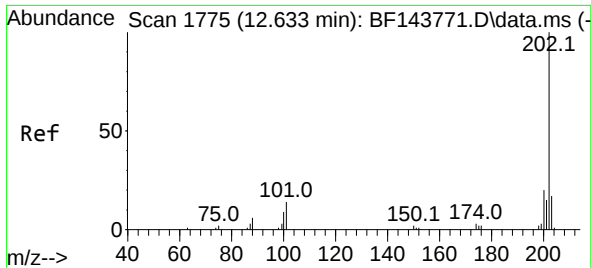


#74
 Di-n-butylphthalate
 Concen: 79.540 ng
 RT: 11.986 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: BF143774.D
 Acq: 16 Sep 2025 14:45



Tgt Ion:149 Resp: 79409
 Ion Ratio Lower Upper
 149 100
 150 9.2 6.6 10.0
 104 3.9 3.1 4.7





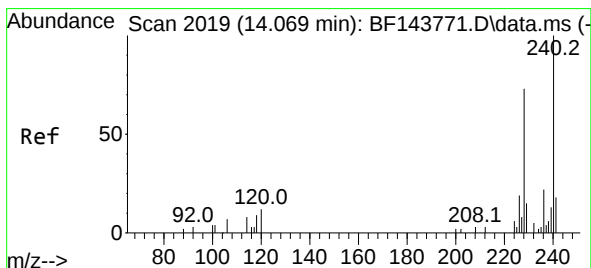
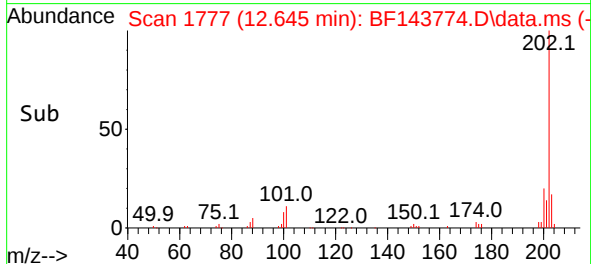
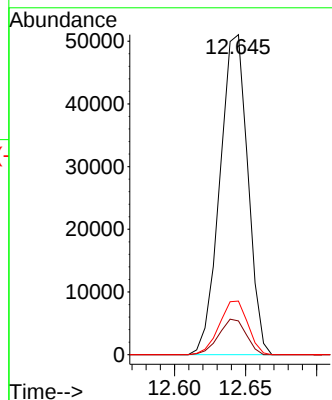
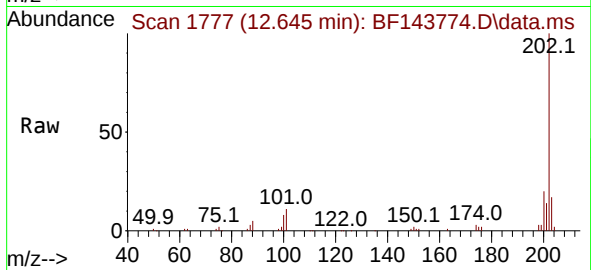
#75
Fluoranthene
Concen: 76.496 ng
RT: 12.645 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:202 Resp: 6977
Ion Ratio Lower Upper
202 100
101 10.6 0.0 33.7
203 16.7 0.0 37.5

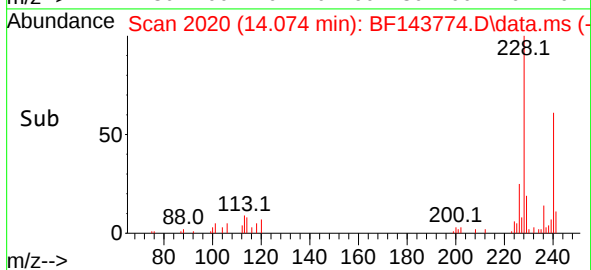
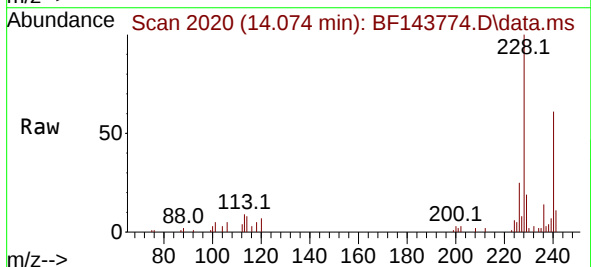
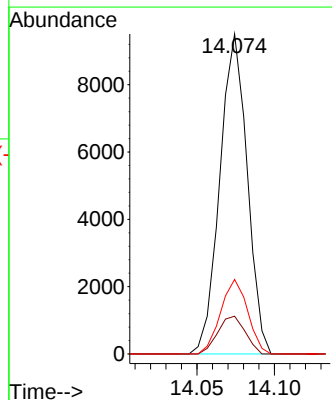
Manual Integrations
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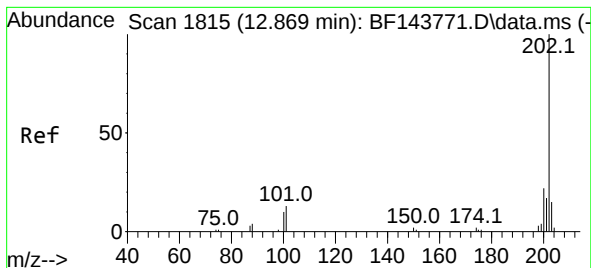
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

Tgt Ion:240 Resp: 11666
Ion Ratio Lower Upper
240 100
120 11.8 9.3 13.9
236 23.3 17.7 26.5





#78

Pyrene

Concen: 75.194 ng m

RT: 12.874 min Scan# 1815

Delta R.T. 0.000 min

Lab File: BF143774.D

Acq: 16 Sep 2025 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

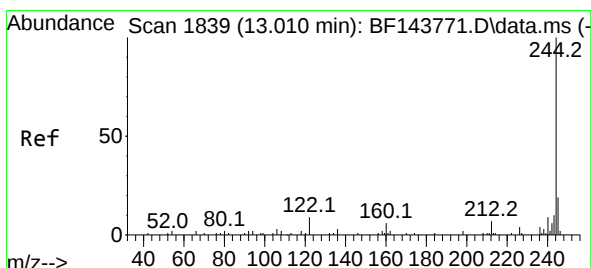
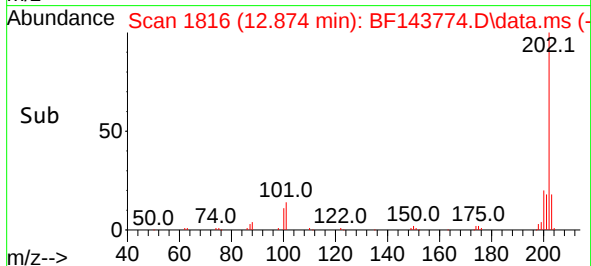
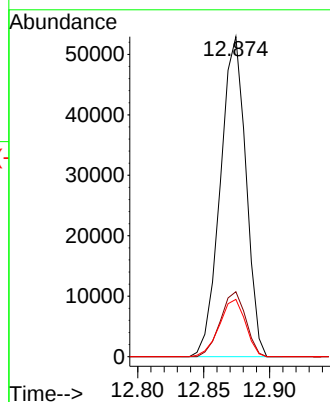
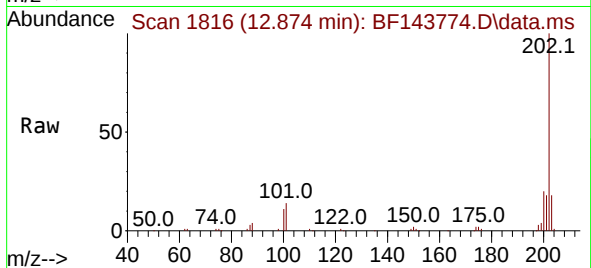
Tgt Ion:202	Resp:	71378
Ion Ratio	Lower	Upper
202	100	
200	20.3	17.8 26.8
203	17.9	11.6 17.4

Manual Integrations

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Reviewed By :Rahul Chavli 09/17/2025

Supervised By :Jagrut Upadhyay 09/17/2025



#79

Terphenyl-d14

Concen: 144.935 ng

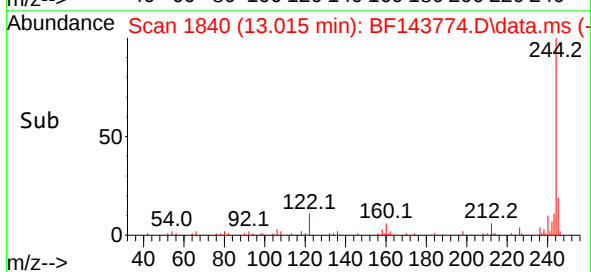
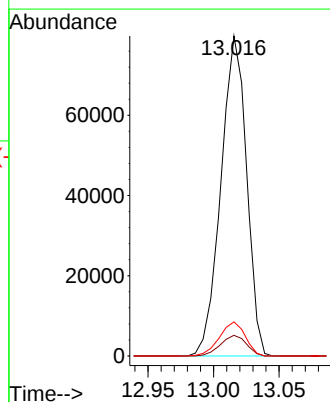
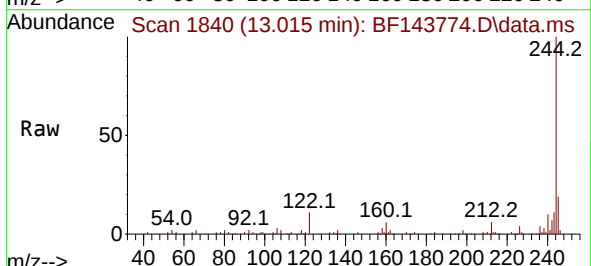
RT: 13.015 min Scan# 1840

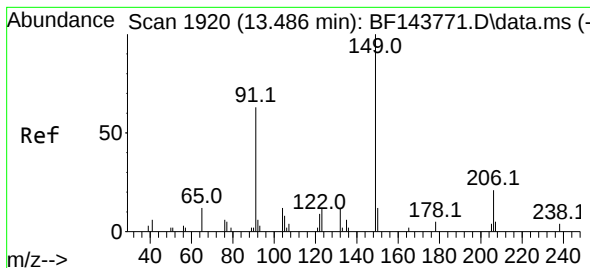
Delta R.T. 0.000 min

Lab File: BF143774.D

Acq: 16 Sep 2025 14:45

Tgt Ion:244	Resp:	108562
Ion Ratio	Lower	Upper
244	100	
212	6.5	5.2 7.8
122	10.6	7.6 11.4





#80

Butylbenzylphthalate

Concen: 80.710 ng

RT: 13.486 min Scan# 1920

Delta R.T. 0.000 min

Lab File: BF143774.D

Acq: 16 Sep 2025 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tgt Ion:149 Resp: 26480

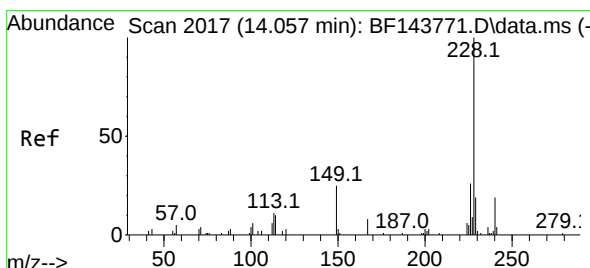
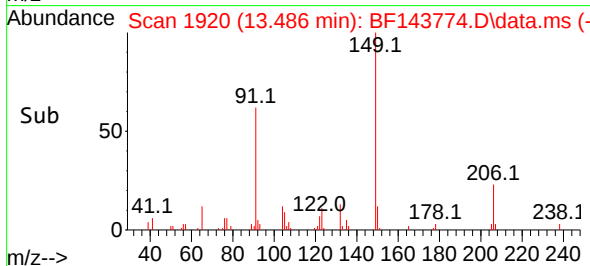
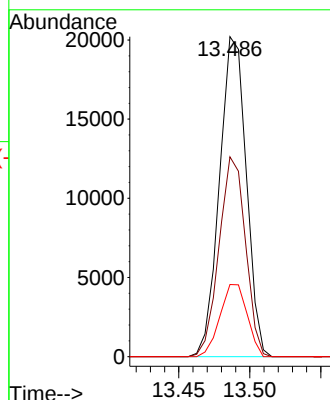
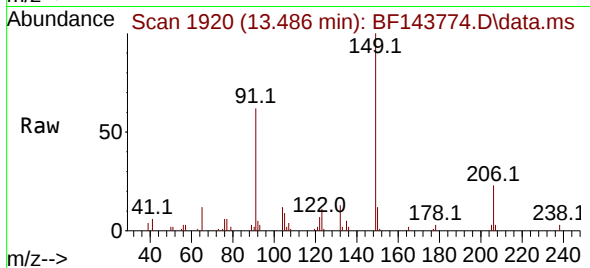
Ion	Ratio	Lower	Upper
149	100		
91	62.4	50.3	75.5
206	22.6	16.8	25.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/17/2025

Supervised By :Jagrut Upadhyay 09/17/2025



#81

Benzo(a)anthracene

Concen: 74.930 ng

RT: 14.062 min Scan# 2018

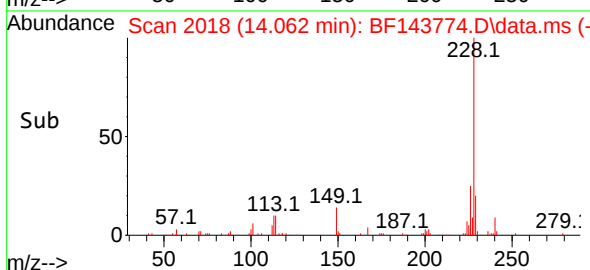
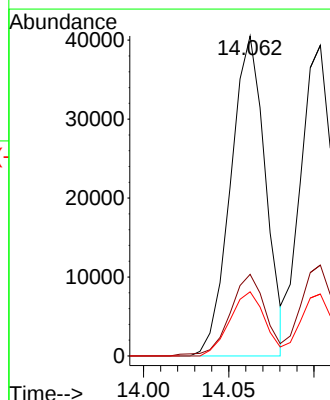
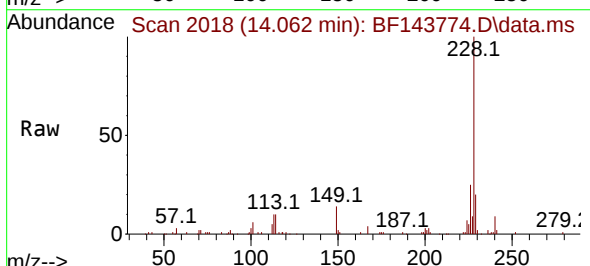
Delta R.T. 0.000 min

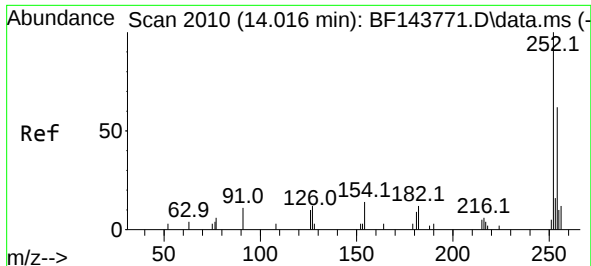
Lab File: BF143774.D

Acq: 16 Sep 2025 14:45

Tgt Ion:228 Resp: 57521

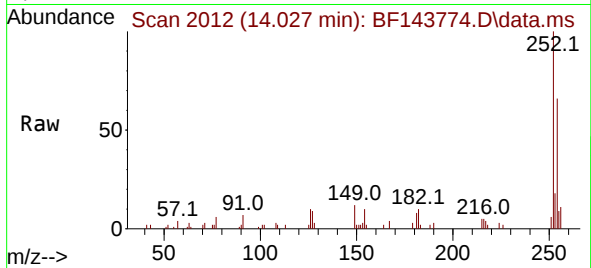
Ion	Ratio	Lower	Upper
228	100		
226	25.5	21.1	31.7
229	20.0	15.5	23.3





#82
 3,3'-Dichlorobenzidine
 Concen: 71.372 ng
 RT: 14.027 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: BF143774.D
 Acq: 16 Sep 2025 14:45

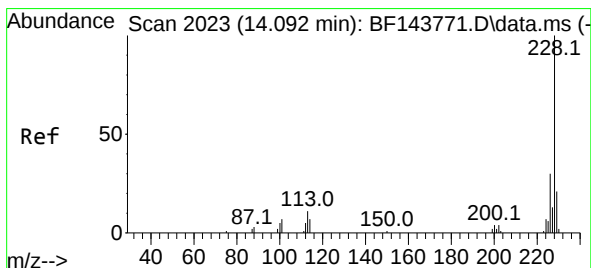
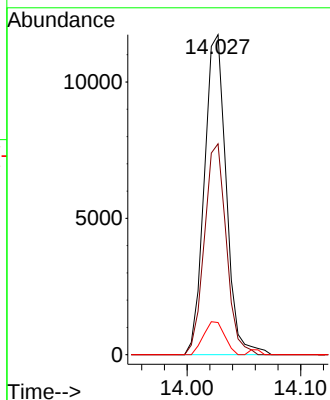
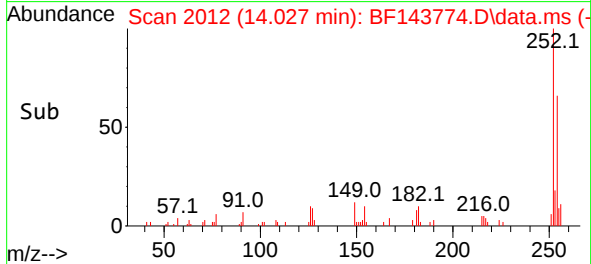
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080



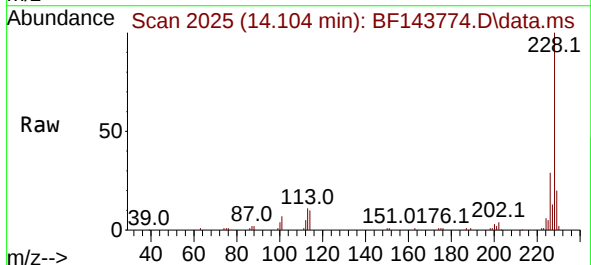
Tgt Ion:252 Resp: 15674
 Ion Ratio Lower Upper
 252 100
 254 65.9 49.4 74.0
 126 10.0 7.8 11.6

Manual Integrations
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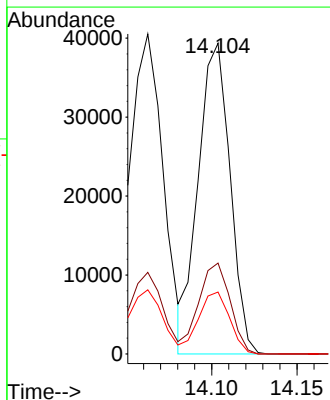
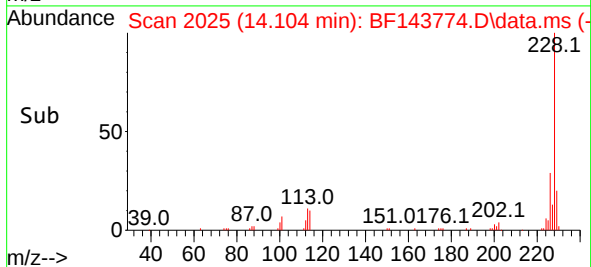
Reviewed By :Rahul Chavli 09/17/2025
 Supervised By :Jagrut Upadhyay 09/17/2025

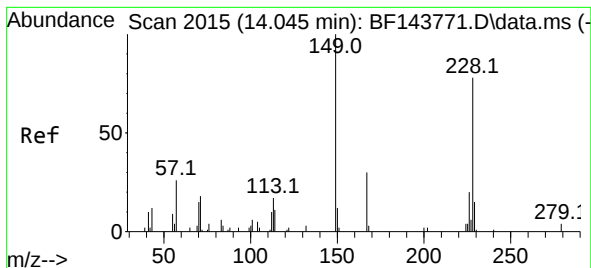


#83
 Chrysene
 Concen: 73.157 ng
 RT: 14.104 min Scan# 2025
 Delta R.T. 0.000 min
 Lab File: BF143774.D
 Acq: 16 Sep 2025 14:45



Tgt Ion:228 Resp: 51229
 Ion Ratio Lower Upper
 228 100
 226 29.3 23.4 35.2
 229 19.9 16.5 24.7





#84
Bis(2-ethylhexyl)phthalate
Concen: 78.866 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

Instrument :

BNA_F

ClientSampleId :

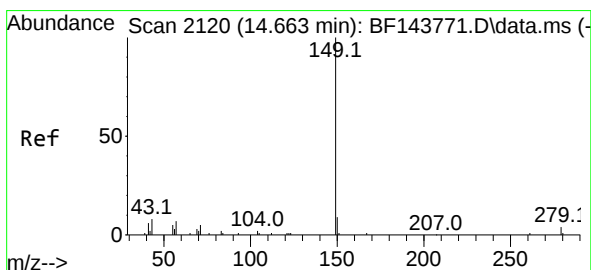
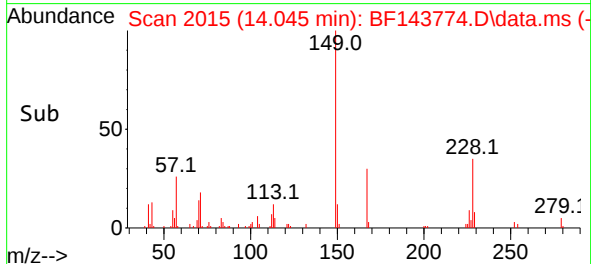
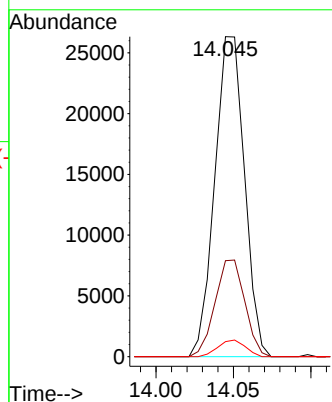
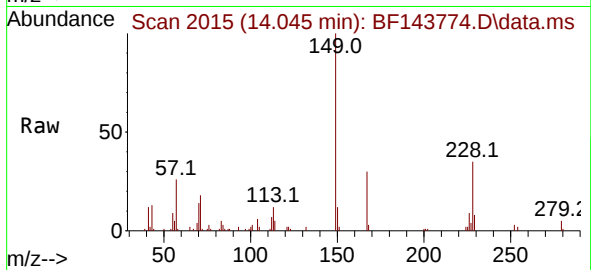
SSTDICC080

Tgt Ion:149 Resp: 3510
Ion Ratio Lower Upper
149 100
167 30.0 24.1 36.1
279 4.7 3.4 5.0

Manual Integrations

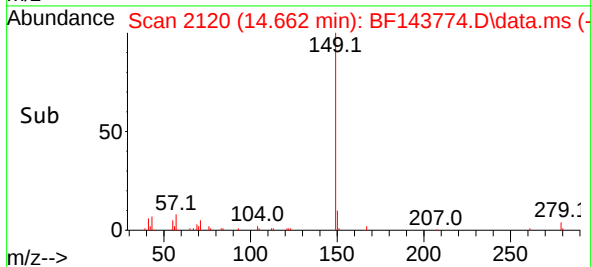
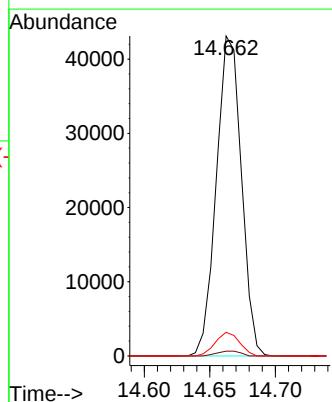
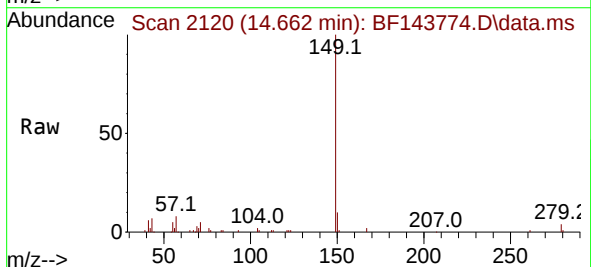
APPROVED

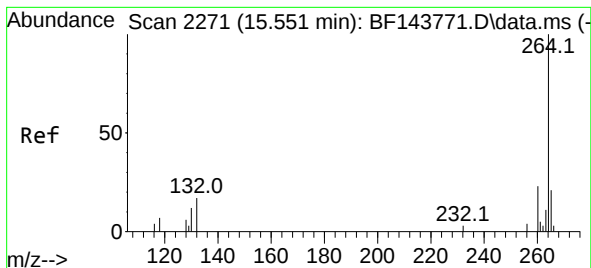
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025



#85
Di-n-octyl phthalate
Concen: 76.069 ng
RT: 14.662 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

Tgt Ion:149 Resp: 57159
Ion Ratio Lower Upper
149 100
167 1.4 0.8 1.2#
43 7.2 6.1 9.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143774.D

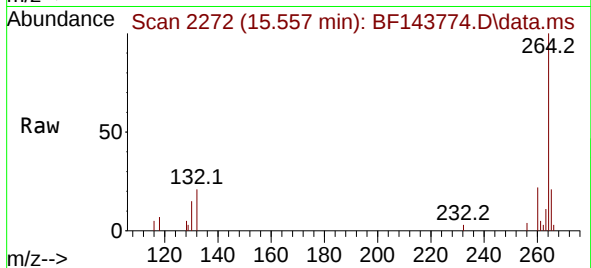
Acq: 16 Sep 2025 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:264 Resp: 10294

Ion Ratio Lower Upper

264 100

260 22.1 18.6 27.8

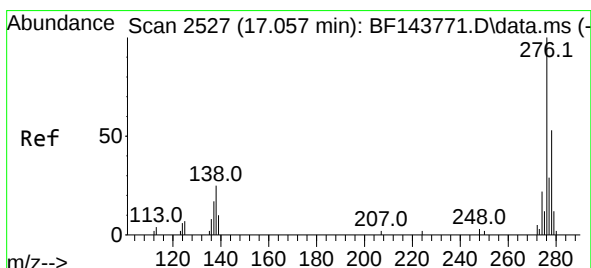
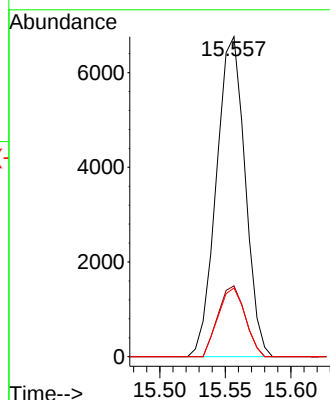
265 21.5 16.9 25.3

Manual Integrations

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Reviewed By :Rahul Chavli 09/17/2025

Supervised By :Jagrut Upadhyay 09/17/2025



#87

Indeno(1,2,3-cd)pyrene

Concen: 80.814 ng

RT: 17.074 min Scan# 2530

Delta R.T. 0.000 min

Lab File: BF143774.D

Acq: 16 Sep 2025 14:45

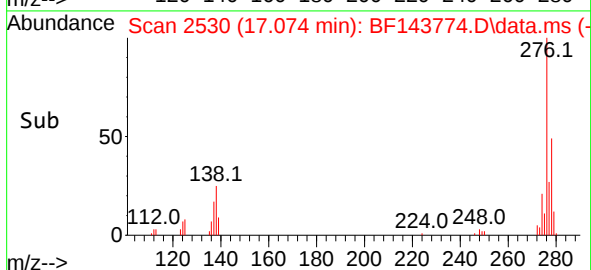
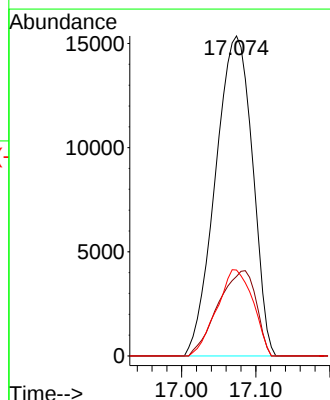
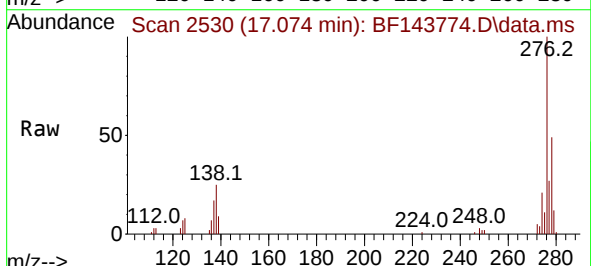
Tgt Ion:276 Resp: 53247

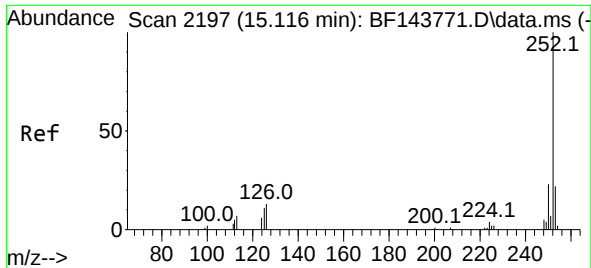
Ion Ratio Lower Upper

276 100

138 27.5 21.3 31.9

277 26.4 21.0 31.6





#88
Benzo(b)fluoranthene
Concen: 82.036 ng
RT: 15.121 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

Instrument :

BNF_F

ClientSampleId :

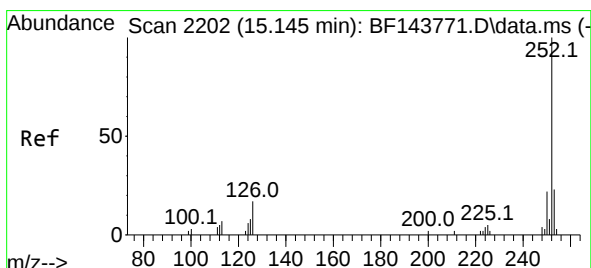
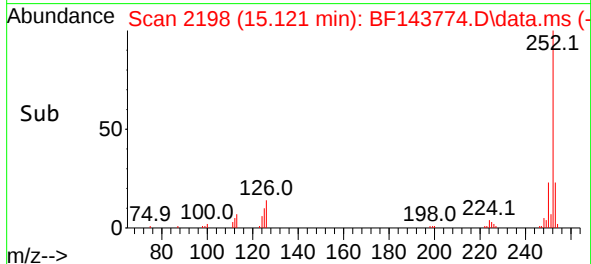
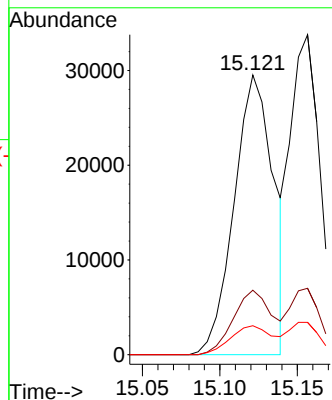
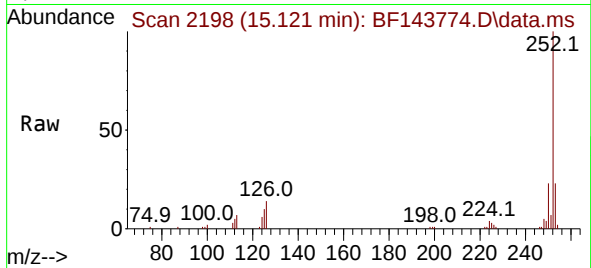
SSTDICC080

Tgt Ion:252 Resp: 52289
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 10.4 8.6 12.8

Manual Integrations

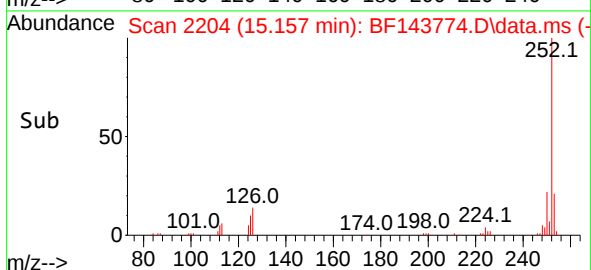
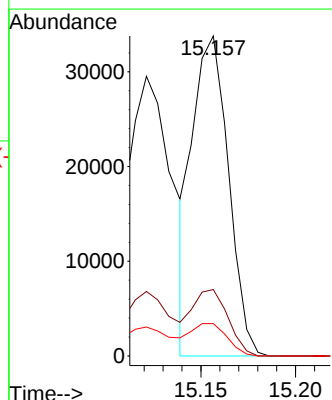
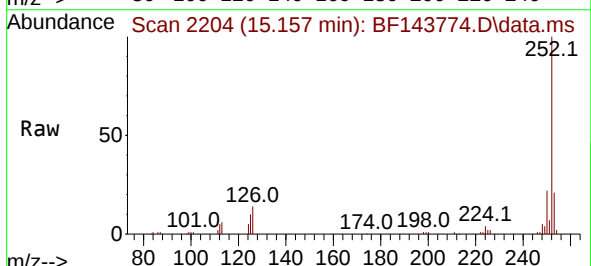
APPROVED

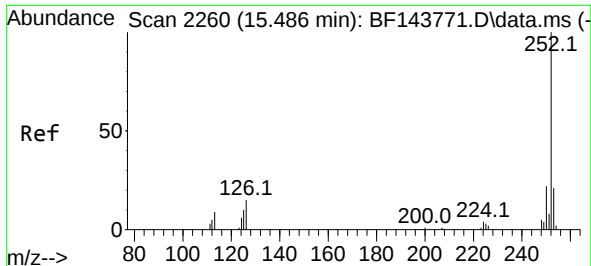
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025



#89
Benzo(k)fluoranthene
Concen: 79.809 ng
RT: 15.157 min Scan# 2204
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

Tgt Ion:252 Resp: 44607
Ion Ratio Lower Upper
252 100
253 20.7 18.0 27.0
125 10.1 7.7 11.5





#90
Benzo(a)pyrene
Concen: 78.104 ng
RT: 15.498 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

Instrument :

BNA_F

ClientSampleId :

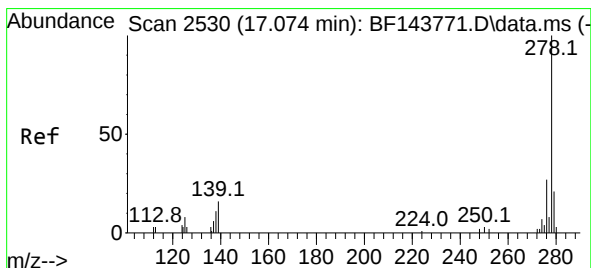
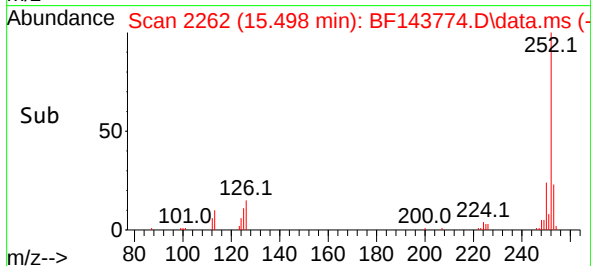
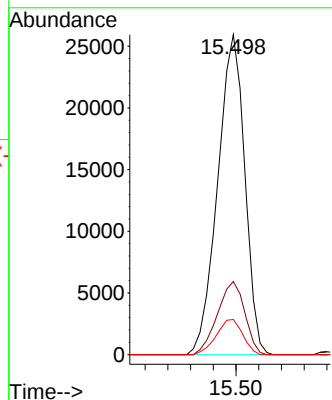
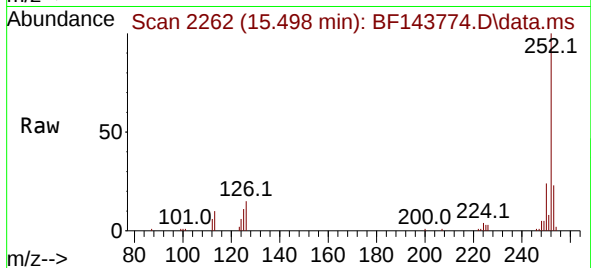
SSTDICC080

Tgt Ion:252 Resp: 42902
Ion Ratio Lower Upper
252 100
253 22.8 17.2 25.8
125 11.0 8.2 12.2

Manual Integrations

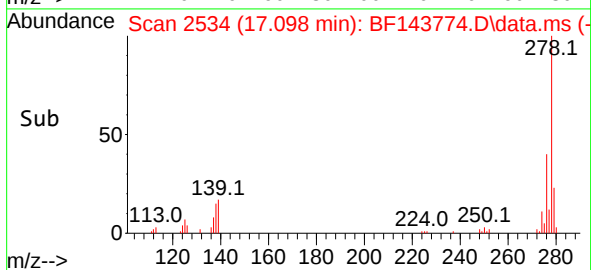
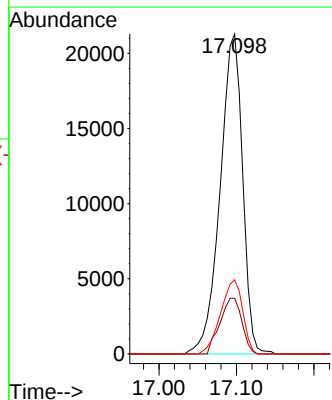
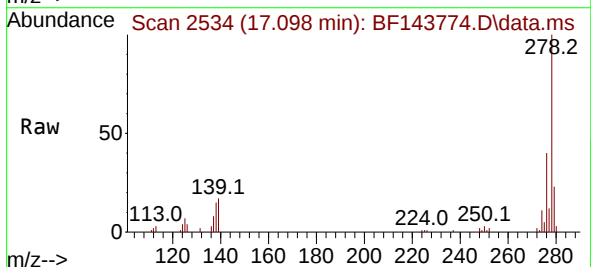
APPROVED

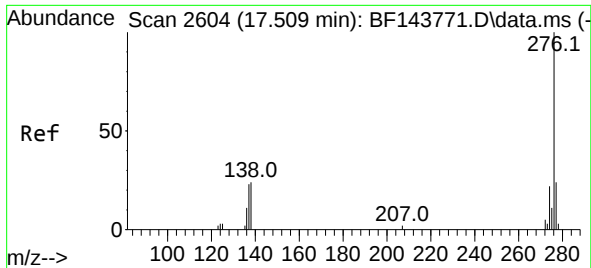
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025



#91
Dibenzo(a,h)anthracene
Concen: 81.091 ng
RT: 17.098 min Scan# 2534
Delta R.T. 0.000 min
Lab File: BF143774.D
Acq: 16 Sep 2025 14:45

Tgt Ion:278 Resp: 42926
Ion Ratio Lower Upper
278 100
139 17.4 13.0 19.6
279 23.2 17.2 25.8





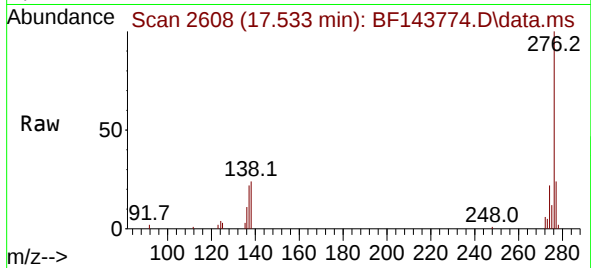
#92
 Benzo(g,h,i)perylene
 Concen: 80.458 ng
 RT: 17.533 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: BF143774.D
 Acq: 16 Sep 2025 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:276 Resp: 40828
 Ion Ratio Lower Upper
 276 100
 277 23.6 19.0 28.4
 138 23.7 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/17/2025

Supervised By :Jagrut Upadhyay 09/17/2025

