

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
 Data File : BF143493.D
 Acq On : 20 Aug 2025 19:10
 Operator : RC/JU
 Sample : Q2892-10MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3-FLOOR-SOUTH-EMSD

Quant Time: Aug 21 06:30:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 21 06:12:21 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/21/2025
 Supervised By :Jagrut Upadhyay 08/21/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	135090	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	501059	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	277031	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	417503	20.000	ng	0.00
76) Chrysene-d12	14.098	240	232839	20.000	ng	0.00
86) Perylene-d12	15.592	264	271037	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	599389	77.476	ng	0.00
7) Phenol-d6	6.563	99	739857	77.471	ng	-0.01
23) Nitrobenzene-d5	7.486	82	491481	57.239	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	207920	80.628	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	927758	55.347	ng	0.00
79) Terphenyl-d14	13.033	244	799572	59.925	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.840	88	147258	41.089	ng	99
3) Pyridine	3.598	79	395182	41.400	ng	99
4) n-Nitrosodimethylamine	3.545	42	204783	47.723	ng	99
6) Aniline	6.592	93	425800	33.356	ng	100
8) 2-Chlorophenol	6.716	128	379095	44.365	ng	99
9) Benzaldehyde	6.475	77	204496	26.448	ng	98
10) Phenol	6.581	94	485315	44.112	ng	98
11) bis(2-Chloroethyl)ether	6.657	93	364075	44.283	ng	99
12) 1,3-Dichlorobenzene	6.869	146	431237	44.916	ng	100
13) 1,4-Dichlorobenzene	6.945	146	436688	45.343	ng	100
14) 1,2-Dichlorobenzene	7.098	146	420010	46.062	ng	100
15) Benzyl Alcohol	7.069	79	335961	46.987	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	594795	45.221	ng	97
17) 2-Methylphenol	7.186	107	313148	45.661	ng	99
18) Hexachloroethane	7.439	117	149852	45.764	ng	99
19) n-Nitroso-di-n-propyla...	7.339	70	266051	45.578	ng	99
20) 3+4-Methylphenols	7.333	107	370313	45.232	ng	98
22) Acetophenone	7.333	105	506682	46.807	ng	99
24) Nitrobenzene	7.504	77	412961	46.729	ng	99
25) Isophorone	7.745	82	747611	47.498	ng	99
26) 2-Nitrophenol	7.822	139	207954	48.038	ng	95
27) 2,4-Dimethylphenol	7.863	122	338055	50.096	ng	99
28) bis(2-Chloroethoxy)met...	7.951	93	451187	46.644	ng	100
29) 2,4-Dichlorophenol	8.069	162	324725	45.056	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	347200	46.856	ng	100
31) Naphthalene	8.233	128	1061192	44.114	ng	100
32) Benzoic acid	7.992	122	166939	44.075	ng	98
33) 4-Chloroaniline	8.275	127	143196	16.772	ng	98
34) Hexachlorobutadiene	8.351	225	215269	44.529	ng	99
35) Caprolactam	8.645	113	86466m	49.997	ng	
36) 4-Chloro-3-methylphenol	8.769	107	326067	45.146	ng	99
37) 2-Methylnaphthalene	8.922	142	653958	40.703	ng	100
38) 1-Methylnaphthalene	9.022	142	669055	43.534	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	339677	42.866	ng	99
41) Hexachlorocyclopentadiene	9.080	237	364123	115.180	ng	100
43) 2,4,6-Trichlorophenol	9.204	196	221658	45.460	ng	98

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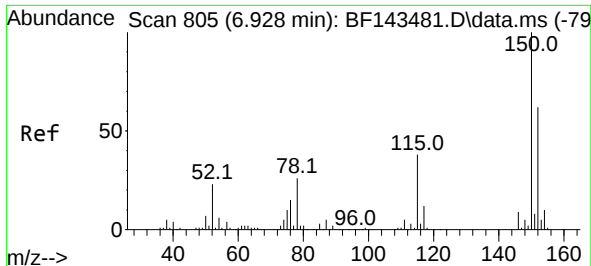
Manual Integrations
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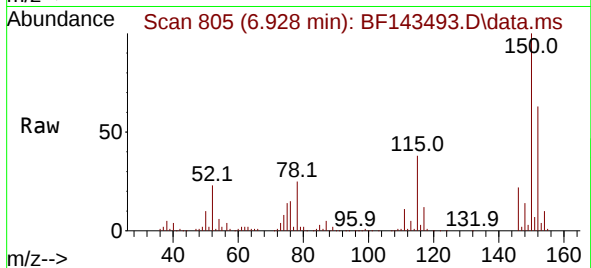
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	230088	43.200	ng	99
46) 1,1'-Biphenyl	9.386	154	895367	45.535	ng	100
47) 2-Chloronaphthalene	9.410	162	687593	44.568	ng	99
48) 2-Nitroaniline	9.504	65	212444	47.051	ng	99
49) Acenaphthylene	9.827	152	1114849	50.467	ng	100
50) Dimethylphthalate	9.686	163	779416	46.714	ng	100
51) 2,6-Dinitrotoluene	9.745	165	173228	50.095	ng	99
52) Acenaphthene	9.998	154	718537	47.906	ng	100
53) 3-Nitroaniline	9.916	138	101665	27.208	ng	98
54) 2,4-Dinitrophenol	10.027	184	156325	84.233	ng	98
55) Dibenzofuran	10.174	168	949188	44.388	ng	98
56) 4-Nitrophenol	10.086	139	216240	97.261	ng	97
57) 2,4-Dinitrotoluene	10.151	165	232906	50.442	ng	98
58) Fluorene	10.516	166	732448	44.504	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.292	232	195144	49.317	ng	98
60) Diethylphthalate	10.380	149	696514	46.561	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	362319	44.019	ng	99
62) 4-Nitroaniline	10.533	138	159164	46.374	ng	98
63) Azobenzene	10.663	77	773579	49.874	ng	99
65) 4,6-Dinitro-2-methylph...	10.563	198	117693	49.996	ng	98
66) n-Nitrosodiphenylamine	10.621	169	628313	46.763	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	232125	46.598	ng	96
68) Hexachlorobenzene	11.069	284	248200	46.223	ng	99
69) Atrazine	11.145	200	174874	50.420	ng	99
70) Pentachlorophenol	11.263	266	236783	96.284	ng	99
71) Phenanthrene	11.480	178	1012630	45.292	ng	100
72) Anthracene	11.533	178	1035343	45.711	ng	100
73) Carbazole	11.686	167	833286	44.900	ng	99
74) Di-n-butylphthalate	12.010	149	842966	48.689	ng	100
75) Fluoranthene	12.668	202	882837	44.006	ng	99
77) Benzidine	12.786	184	253347	44.669	ng	99
78) Pyrene	12.898	202	862281	45.021	ng	100
80) Butylbenzylphthalate	13.510	149	262867	50.240	ng	100
81) Benzo(a)anthracene	14.086	228	673510	44.930	ng	100
82) 3,3'-Dichlorobenzidine	14.045	252	89469	20.841	ng	98
83) Chrysene	14.121	228	635776	47.195	ng	99
84) Bis(2-ethylhexyl)phtha...	14.068	149	399157	50.089	ng	99
85) Di-n-octyl phthalate	14.680	149	752375	50.964	ng	99
87) Indeno(1,2,3-cd)pyrene	17.133	276	919952	47.234	ng	100
88) Benzo(b)fluoranthene	15.156	252	721765	47.907	ng	100
89) Benzo(k)fluoranthene	15.186	252	683101	47.355	ng	100
90) Benzo(a)pyrene	15.533	252	686454	49.087	ng	99
91) Dibenzo(a,h)anthracene	17.139	278	747266	47.906	ng	99
92) Benzo(g,h,i)perylene	17.592	276	753417	48.575	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF143493.D
 Acq: 20 Aug 2025 19:10

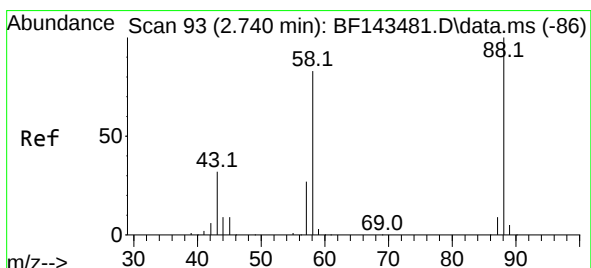
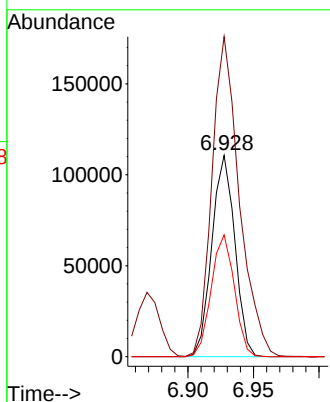
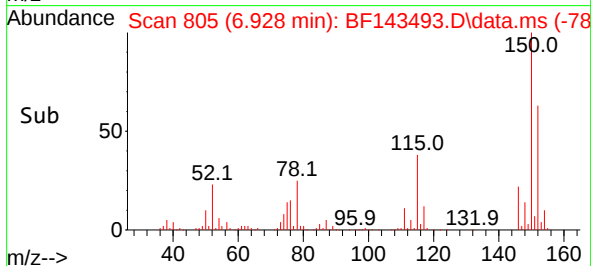
Instrument :
 BNA_F
 ClientSampleId :
 3-FLOOR-SOUTH-EMSD



Tgt Ion:152 Resp: 135090
 Ion Ratio Lower Upper
 152 100
 150 158.9 128.9 193.3
 115 60.5 49.2 73.8

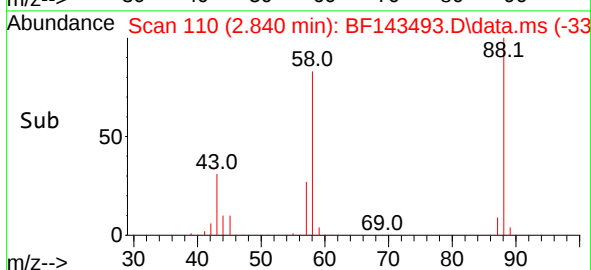
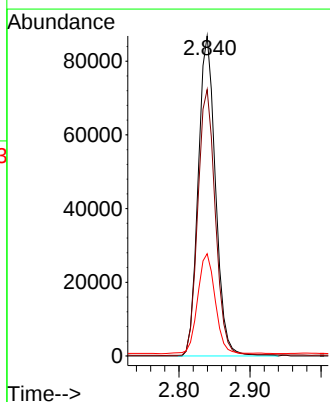
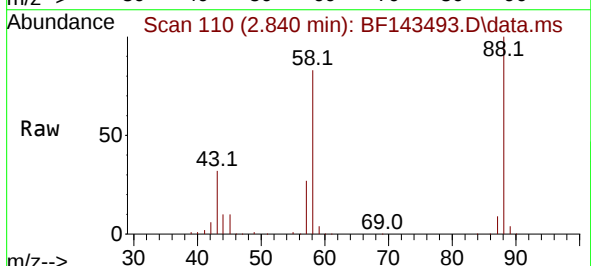
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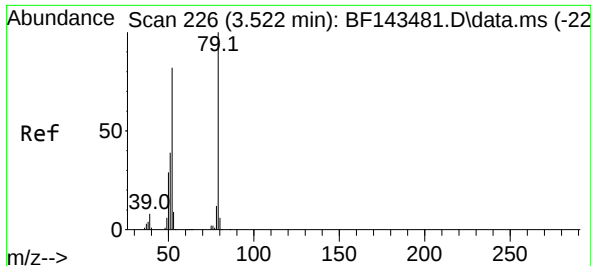
Reviewed By :Rahul Chavli 08/21/2025
 Supervised By :Jagrut Upadhyay 08/21/2025



#2
 1,4-Dioxane
 Concen: 41.089 ng
 RT: 2.840 min Scan# 110
 Delta R.T. 0.106 min
 Lab File: BF143493.D
 Acq: 20 Aug 2025 19:10

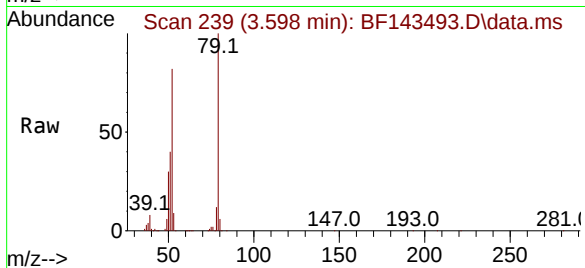
Tgt Ion: 88 Resp: 147258
 Ion Ratio Lower Upper
 88 100
 58 83.8 66.7 100.1
 43 31.6 25.8 38.8





#3
Pyridine
Concen: 41.400 ng
RT: 3.598 min Scan# 21
Delta R.T. 0.082 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

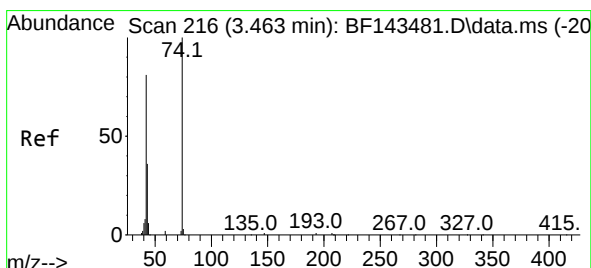
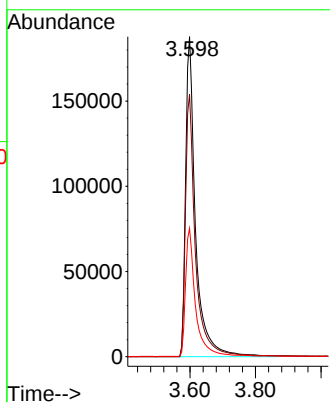
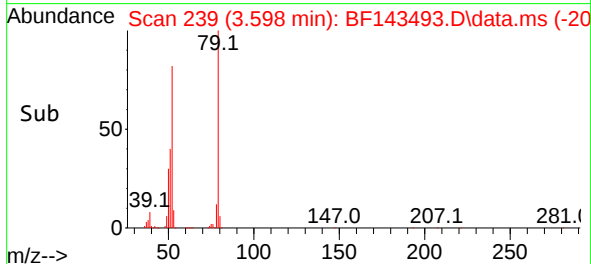
Instrument :
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ClientSampleId :
3-FLOOR-SOUTH-EMSD



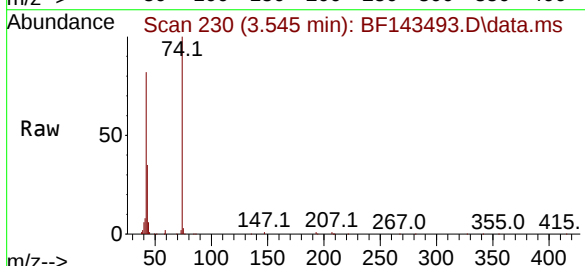
Tgt Ion: 79 Resp: 39518
Ion Ratio Lower Upper
79 100
52 82.0 65.6 98.4
51 40.1 31.2 46.8

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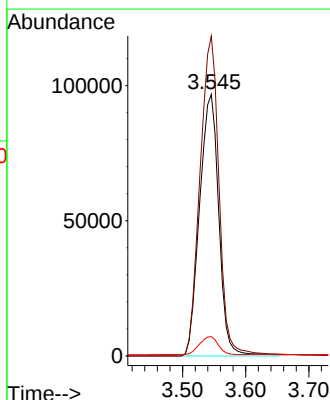
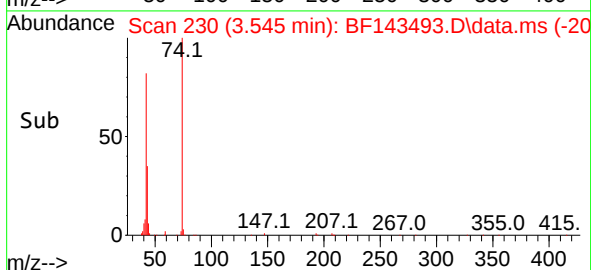
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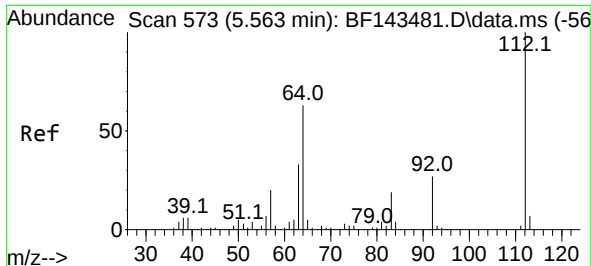


#4
n-Nitrosodimethylamine
Concen: 47.723 ng
RT: 3.545 min Scan# 230
Delta R.T. 0.070 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10



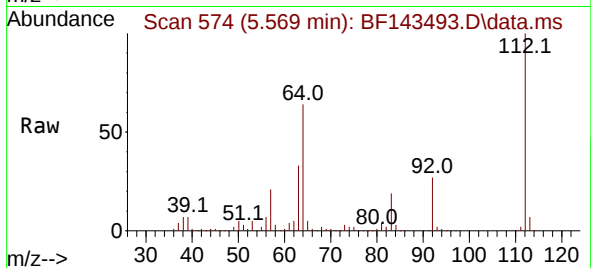
Tgt Ion: 42 Resp: 204783
Ion Ratio Lower Upper
42 100
74 122.3 98.6 148.0
44 7.4 5.8 8.8





#5
2-Fluorophenol
Concen: 77.476 ng
RT: 5.569 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

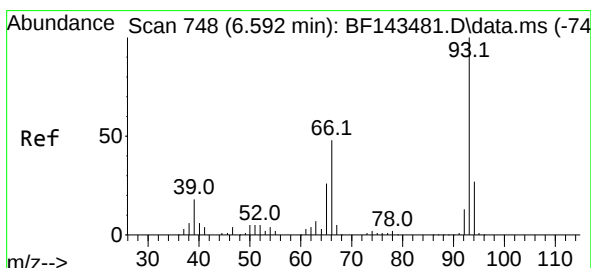
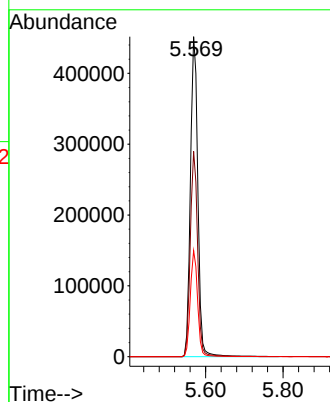
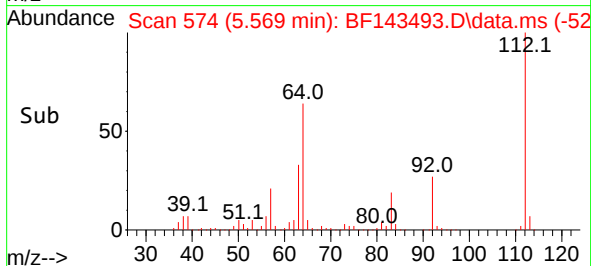
Instrument :
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ClientSampleId :
3-FLOOR-SOUTH-EMSD



Tgt Ion:112 Resp: 599389
Ion Ratio Lower Upper
112 100
64 64.2 50.4 75.6
63 33.1 26.4 39.6

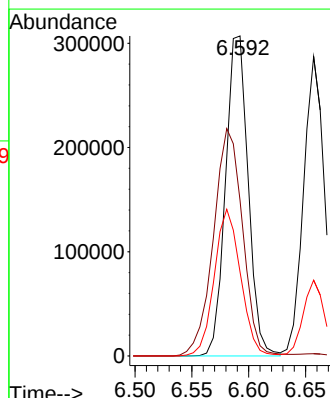
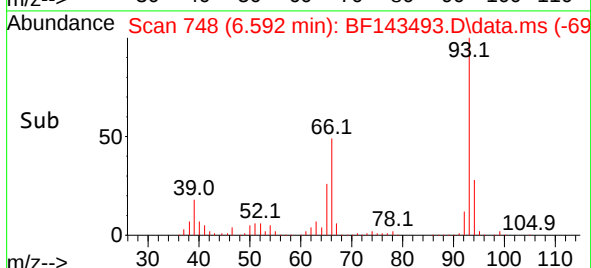
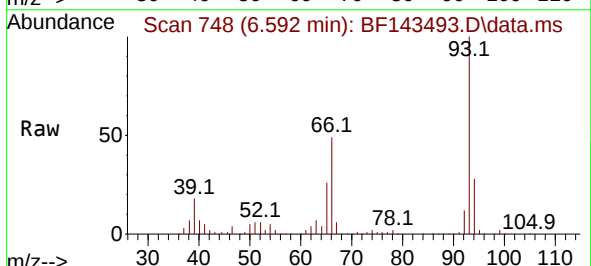
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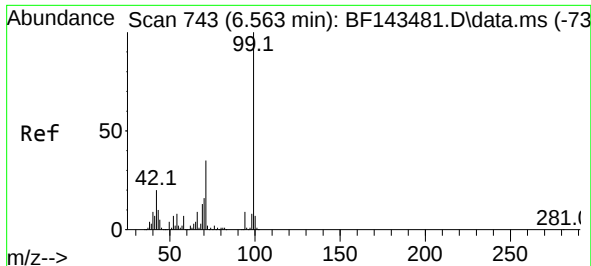
Reviewed By :Rahul Chavli 08/21/2025
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#6
Aniline
Concen: 33.356 ng
RT: 6.592 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

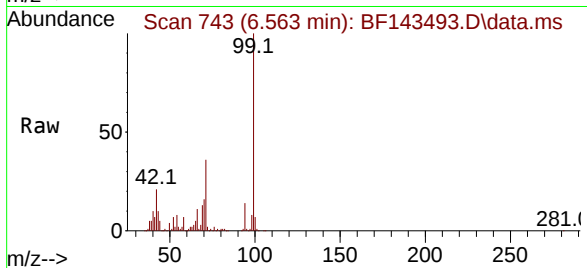
Tgt Ion: 93 Resp: 425800
Ion Ratio Lower Upper
93 100
66 48.6 38.9 58.3
65 26.2 20.6 30.8





#7
Phenol-d6
Concen: 77.471 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.012 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

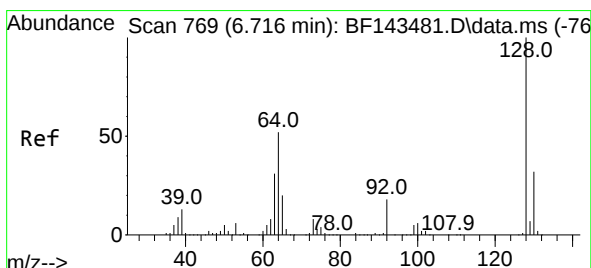
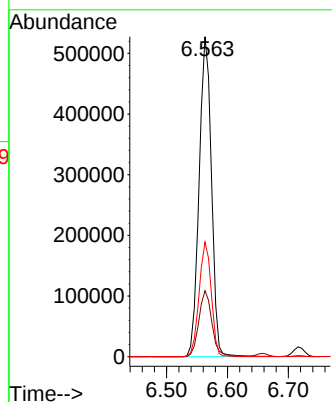
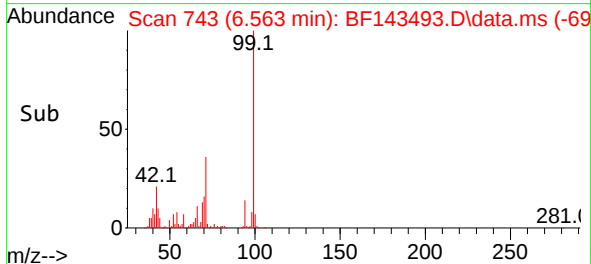
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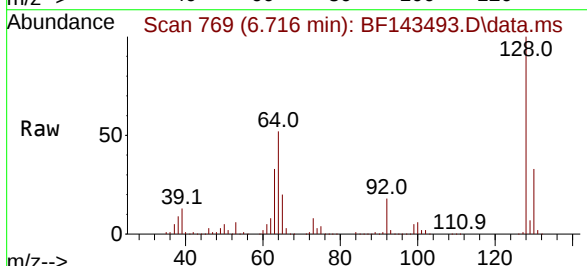
Tgt Ion: 99 Resp: 73985
Ion Ratio Lower Upper
99 100
42 20.6 16.3 24.5
71 35.8 28.2 42.2

Manual Integrations
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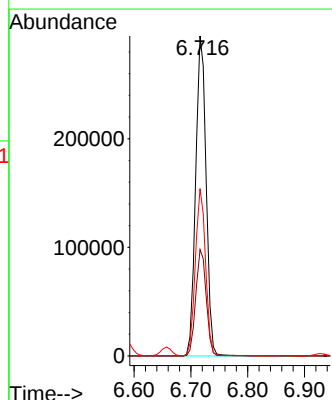
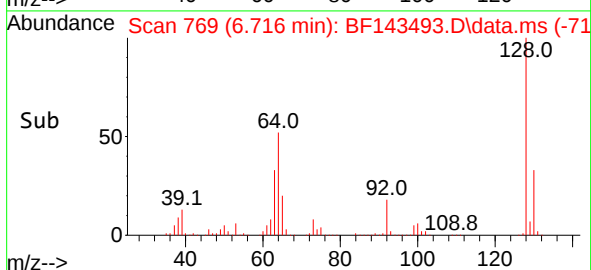
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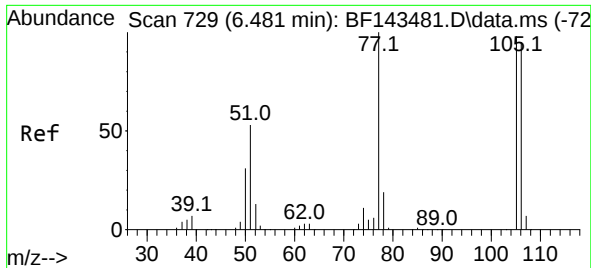


#8
2-Chlorophenol
Concen: 44.365 ng
RT: 6.716 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10



Tgt Ion:128 Resp: 379095
Ion Ratio Lower Upper
128 100
130 33.3 12.4 52.4
64 52.3 31.6 71.6





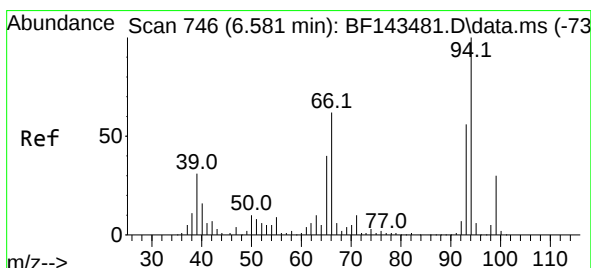
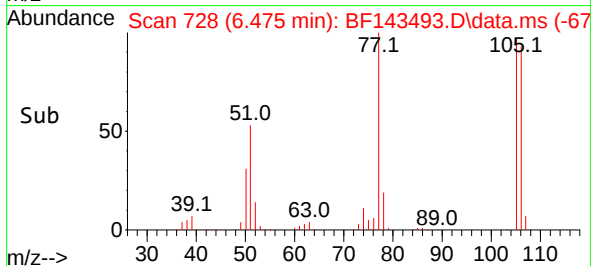
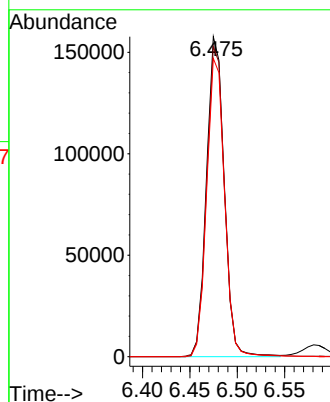
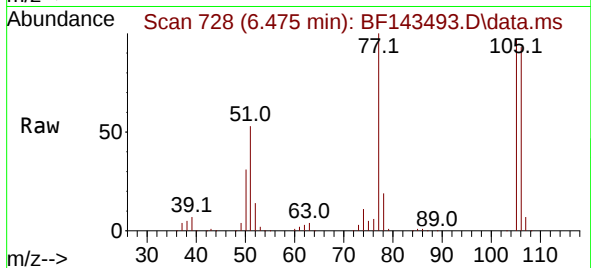
#9
Benzaldehyde
Concen: 26.448 ng
RT: 6.475 min Scan# 729
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD

Tgt Ion: 77 Resp: 204490
Ion Ratio Lower Upper
77 100
105 96.8 78.1 118.1
106 93.2 74.9 114.9

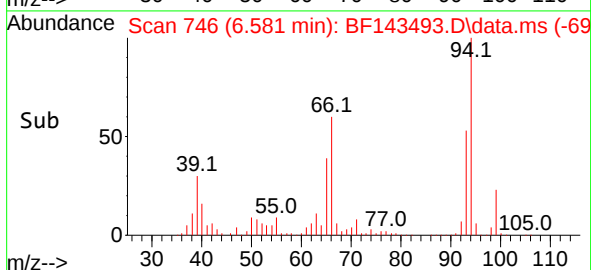
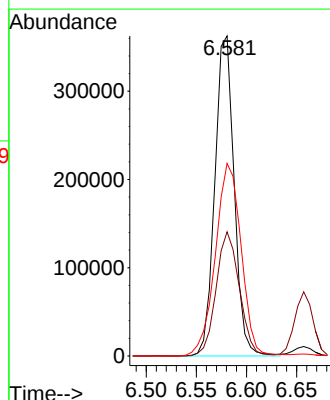
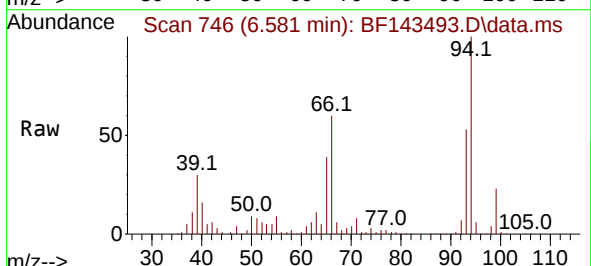
Manual Integrations
APPROVED

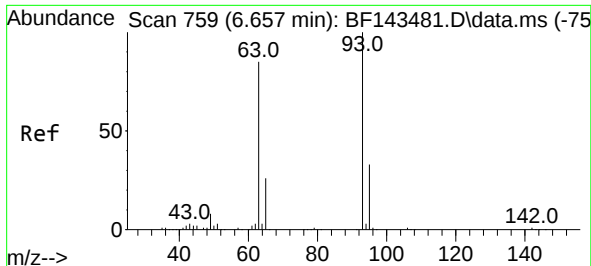
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#10
Phenol
Concen: 44.112 ng
RT: 6.581 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

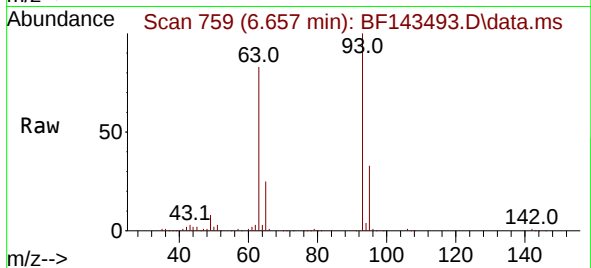
Tgt Ion: 94 Resp: 485315
Ion Ratio Lower Upper
94 100
65 38.8 19.5 59.5
66 60.1 42.5 82.5





#11
bis(2-Chloroethyl)ether
Concen: 44.283 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

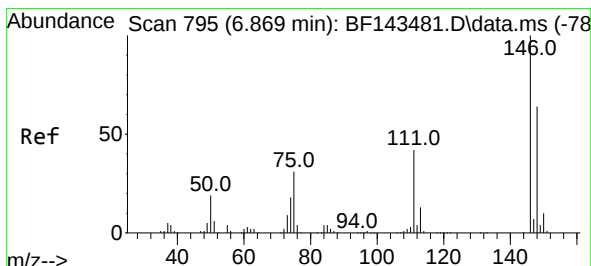
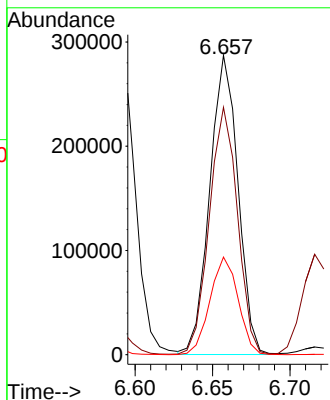
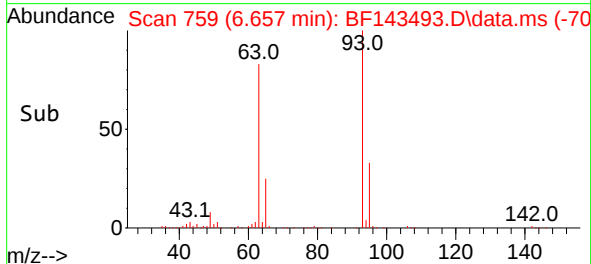
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD



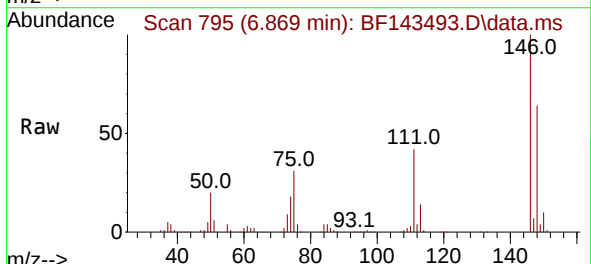
Tgt Ion: 93 Resp: 364075
Ion Ratio Lower Upper
93 100
63 82.6 63.6 103.6
95 32.6 12.8 52.8

Manual Integrations
APPROVED

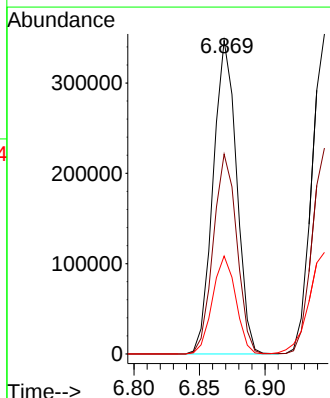
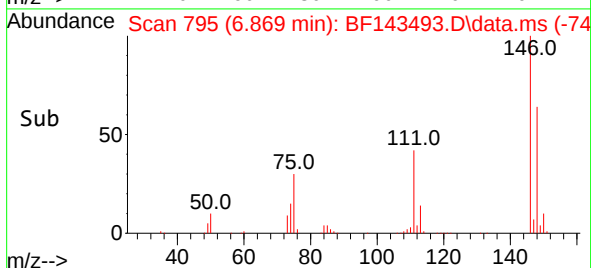
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

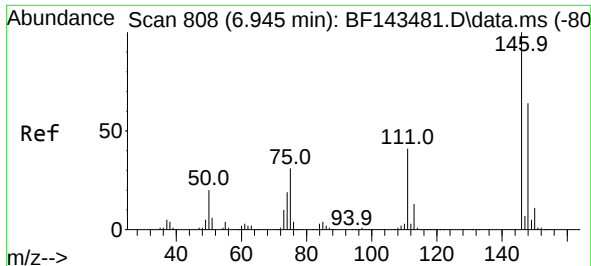


#12
1,3-Dichlorobenzene
Concen: 44.916 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10



Tgt Ion:146 Resp: 431237
Ion Ratio Lower Upper
146 100
148 63.8 51.3 76.9
75 31.3 24.7 37.1





#13

1,4-Dichlorobenzene

Concen: 45.343 ng

RT: 6.945 min Scan# 808

Delta R.T. -0.000 min

Lab File: BF143493.D

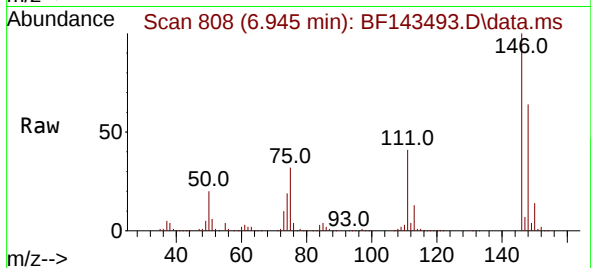
Acq: 20 Aug 2025 19:10

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMSD



Tgt Ion:146 Resp: 43668

Ion Ratio Lower Upper

146 100

148 64.4 51.5 77.3

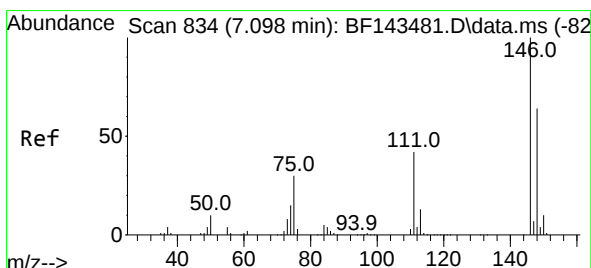
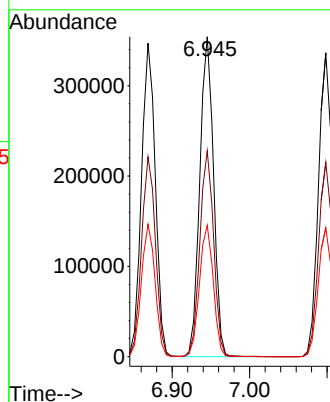
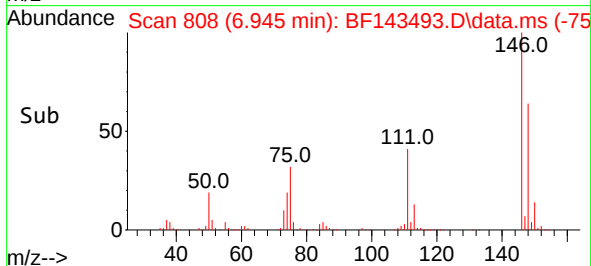
111 41.1 32.6 49.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/21/2025

Supervised By :Jagrut Upadhyay 08/21/2025



#14

1,2-Dichlorobenzene

Concen: 46.062 ng

RT: 7.098 min Scan# 834

Delta R.T. -0.000 min

Lab File: BF143493.D

Acq: 20 Aug 2025 19:10

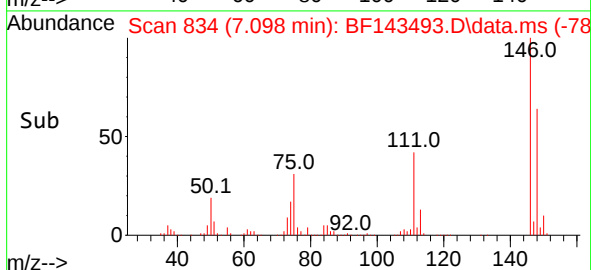
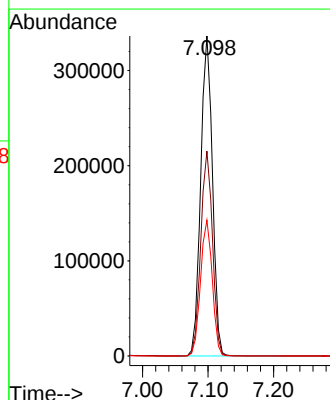
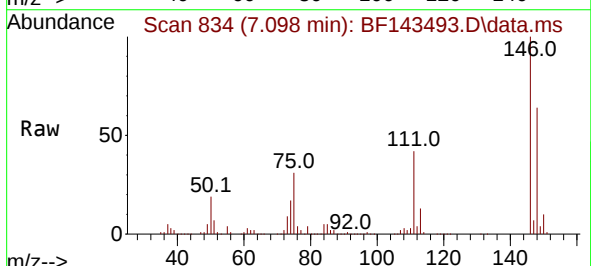
Tgt Ion:146 Resp: 420010

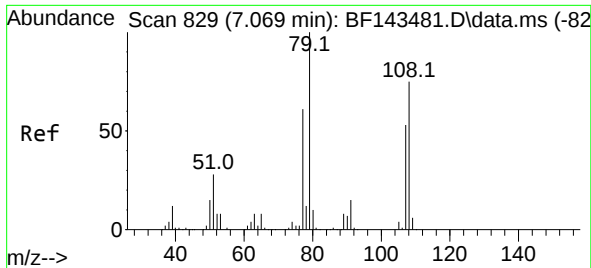
Ion Ratio Lower Upper

146 100

148 64.0 51.0 76.6

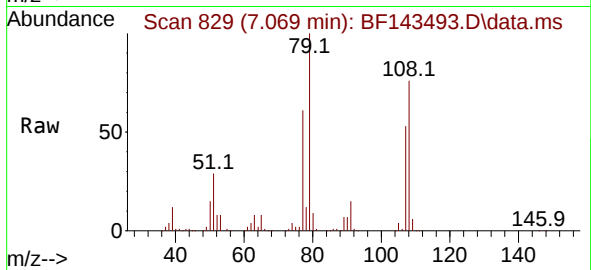
111 42.5 34.0 51.0





#15
Benzyl Alcohol
Concen: 46.987 ng
RT: 7.069 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

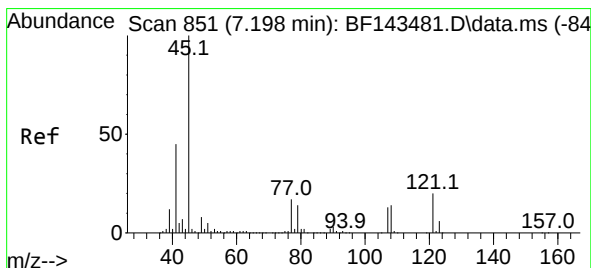
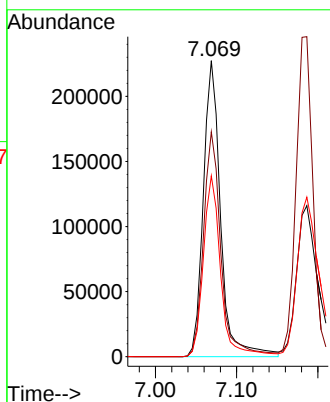
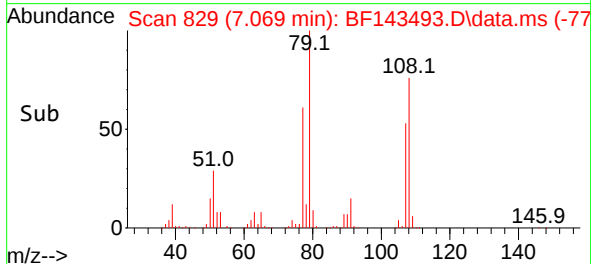
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD



Tgt Ion: 79 Resp: 33596
Ion Ratio Lower Upper
79 100
108 76.0 59.8 89.6
77 61.1 49.0 73.4

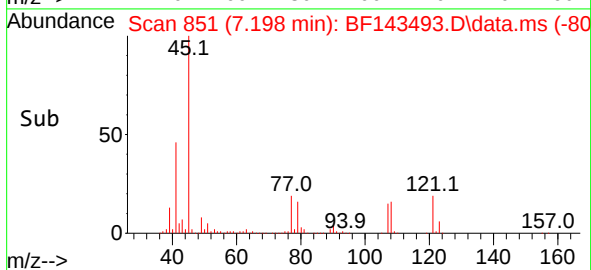
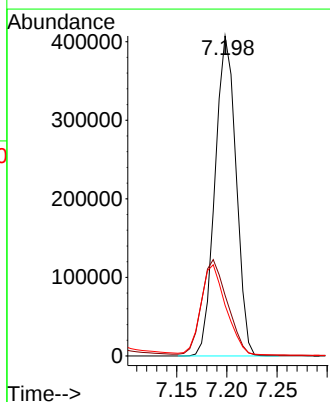
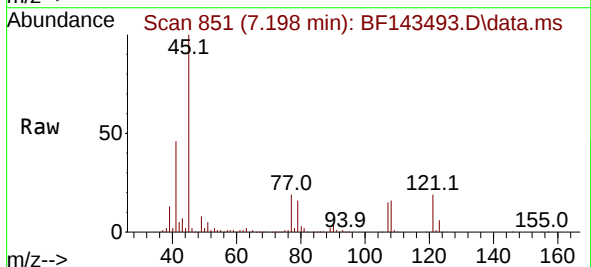
Manual Integrations
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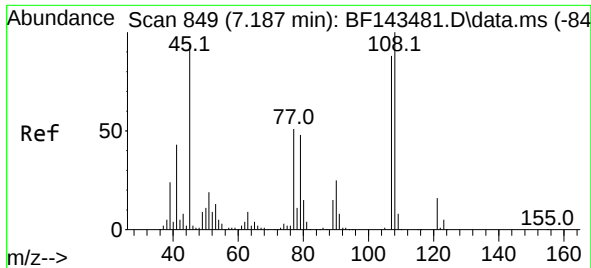
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.221 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

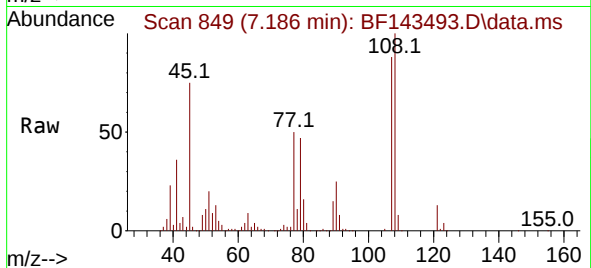
Tgt Ion: 45 Resp: 594795
Ion Ratio Lower Upper
45 100
77 18.9 0.0 37.9
79 15.9 0.0 34.7





#17
2-Methylphenol
Concen: 45.661 ng
RT: 7.186 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

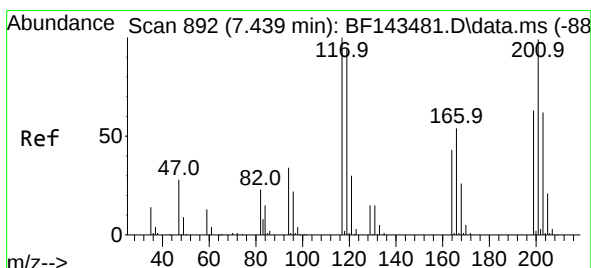
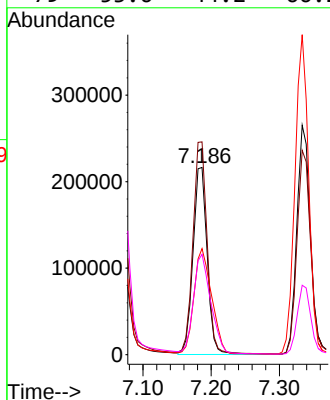
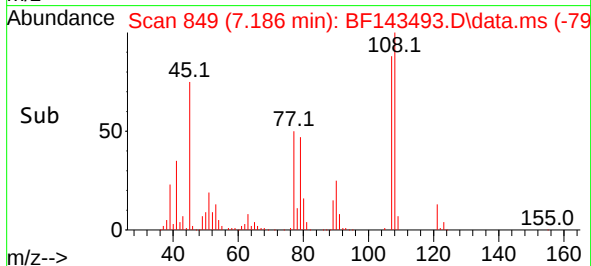
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD



Tgt Ion:107 Resp: 31314
Ion Ratio Lower Upper
107 100
108 113.6 91.1 136.7
77 56.7 46.2 69.4
79 53.6 44.2 66.2

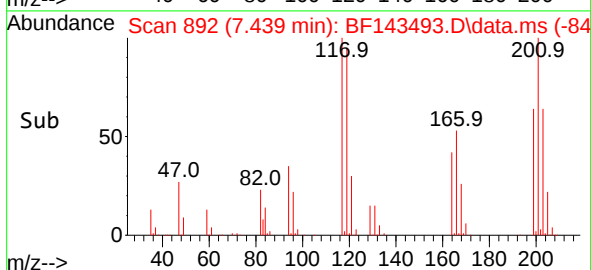
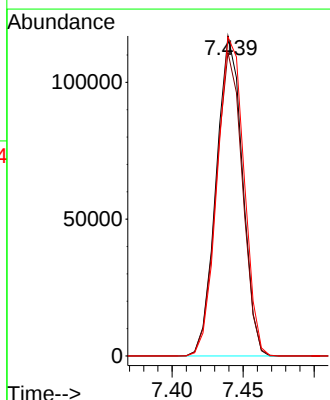
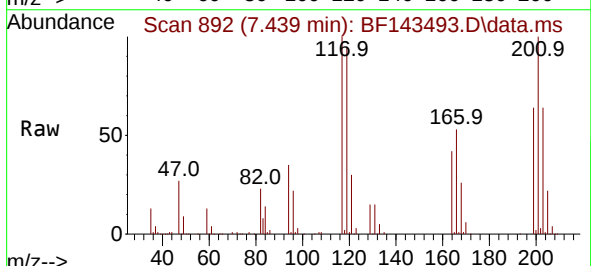
Manual Integrations
APPROVED

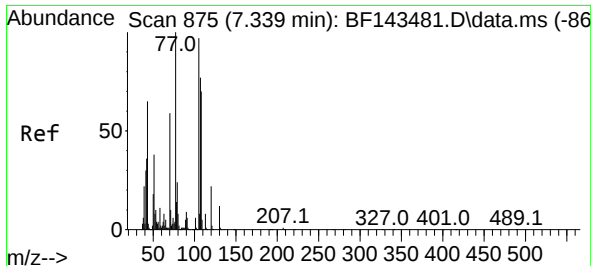
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#18
Hexachloroethane
Concen: 45.764 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

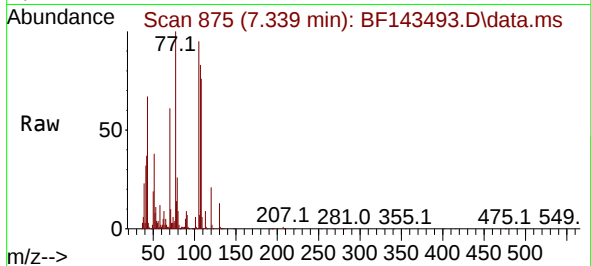
Tgt Ion:117 Resp: 149852
Ion Ratio Lower Upper
117 100
119 94.8 75.4 113.0
201 99.7 79.0 118.4





#19
n-Nitroso-di-n-propylamine
Concen: 45.578 ng
RT: 7.339 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

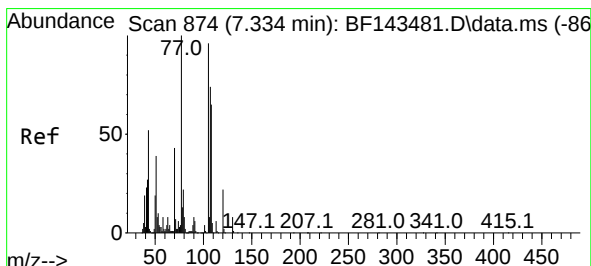
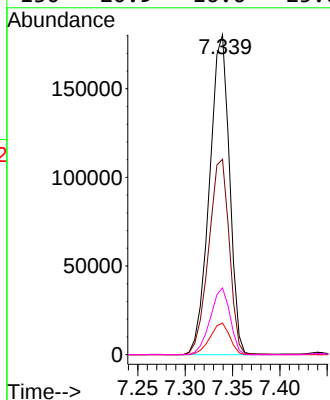
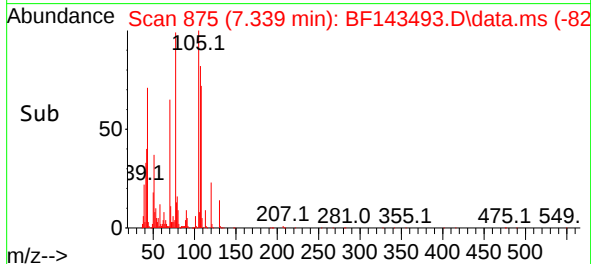
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD



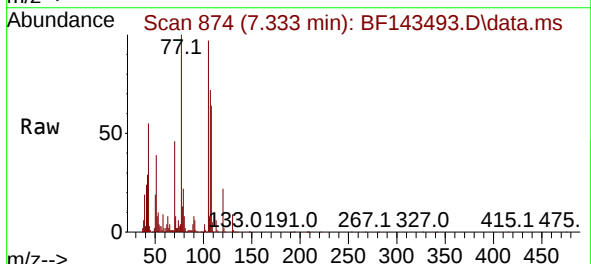
Tgt Ion: 70 Resp: 26605
Ion Ratio Lower Upper
70 100
42 61.1 49.3 73.9
101 9.8 7.8 11.8
130 20.9 16.6 25.0

Manual Integrations
APPROVED

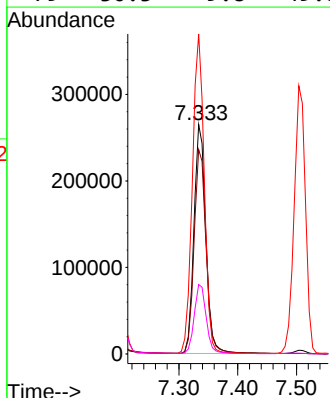
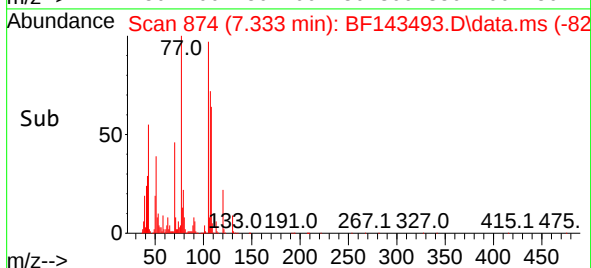
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

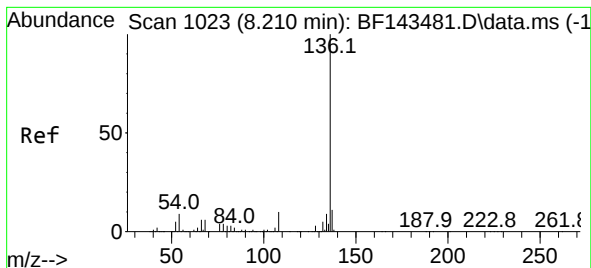


#20
3+4-Methylphenols
Concen: 45.232 ng
RT: 7.333 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10



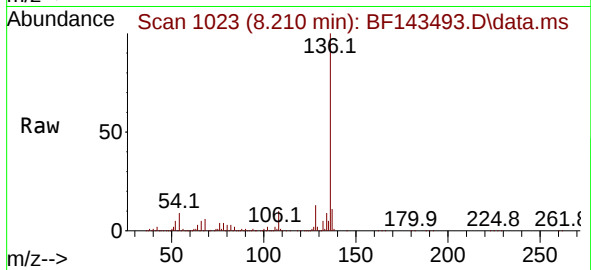
Tgt Ion:107 Resp: 370313
Ion Ratio Lower Upper
107 100
108 89.0 68.4 108.4
77 139.4 116.1 156.1
79 30.3 9.8 49.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

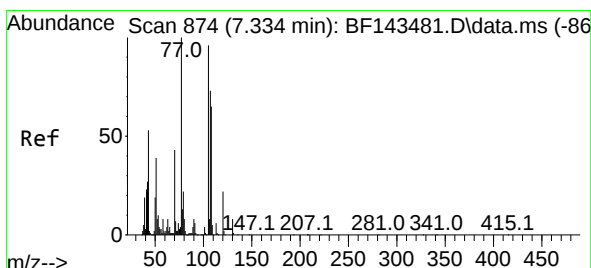
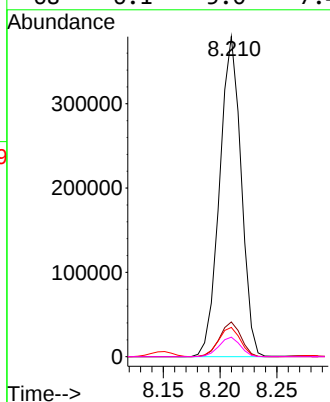
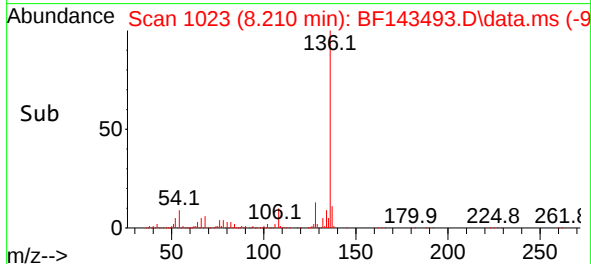
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD



Tgt Ion:136 Resp: 501059
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 9.2 7.4 11.2
68 6.1 5.0 7.4

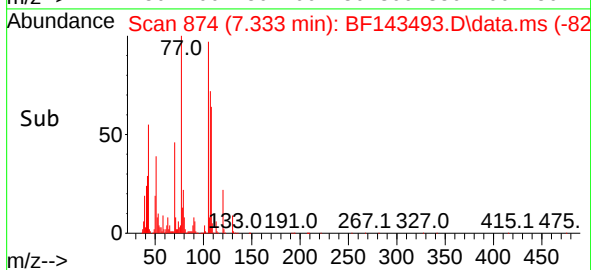
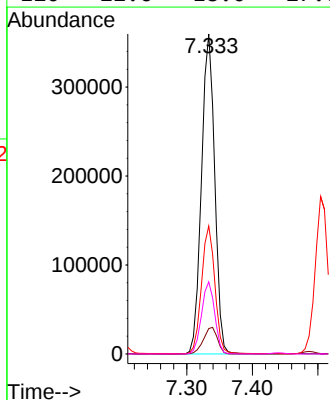
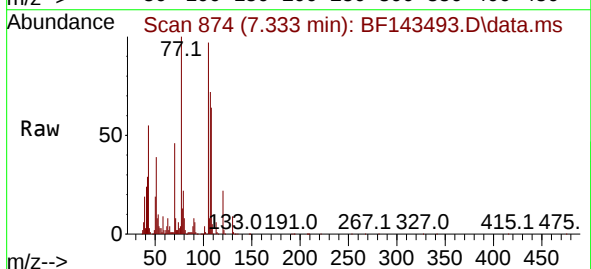
Manual Integrations
APPROVED

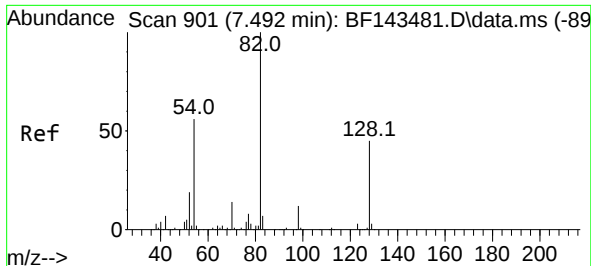
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#22
Acetophenone
Concen: 46.807 ng
RT: 7.333 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

Tgt Ion:105 Resp: 506682
Ion Ratio Lower Upper
105 100
71 7.9 5.9 8.9
51 40.0 32.5 48.7
120 22.6 18.0 27.0





#23

Nitrobenzene-d5

Concen: 57.239 ng

RT: 7.486 min Scan# 901

Delta R.T. -0.012 min

Lab File: BF143493.D

Acq: 20 Aug 2025 19:10

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMSD

Tgt Ion: 82 Resp: 49148

Ion Ratio Lower Upper

82 100

128 43.2 35.5 53.3

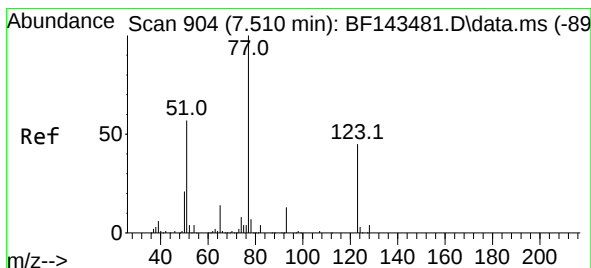
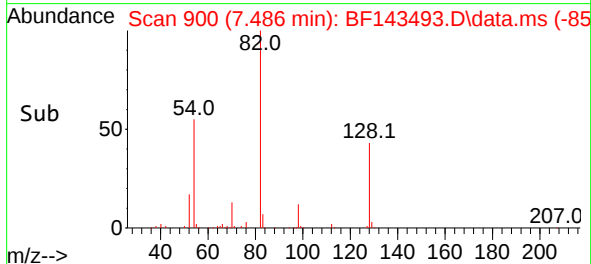
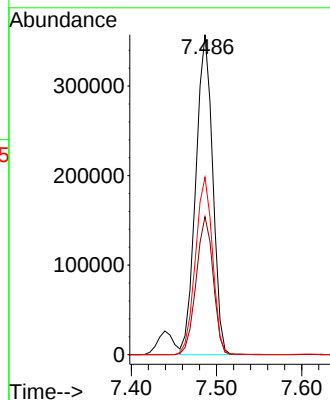
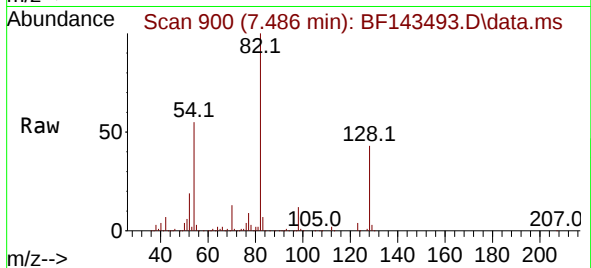
54 55.5 44.3 66.5

Manual Integrations

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Reviewed By :Rahul Chavli 08/21/2025

Supervised By :Jagrut Upadhyay 08/21/2025



#24

Nitrobenzene

Concen: 46.729 ng

RT: 7.504 min Scan# 903

Delta R.T. -0.012 min

Lab File: BF143493.D

Acq: 20 Aug 2025 19:10

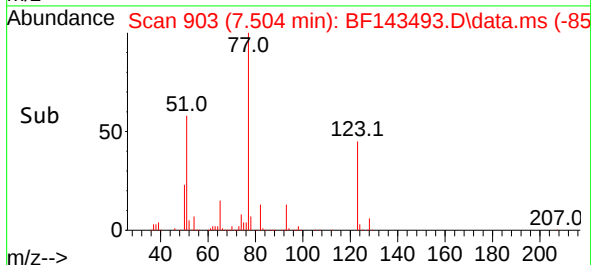
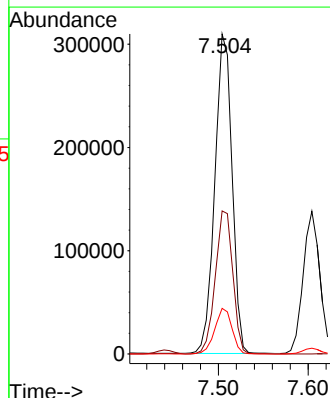
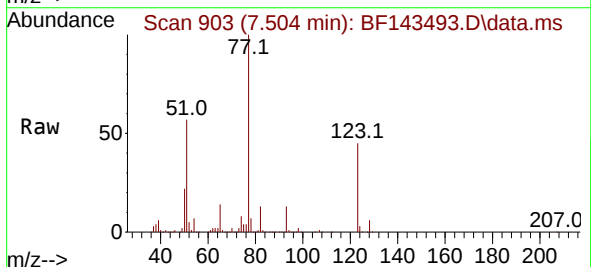
Tgt Ion: 77 Resp: 412961

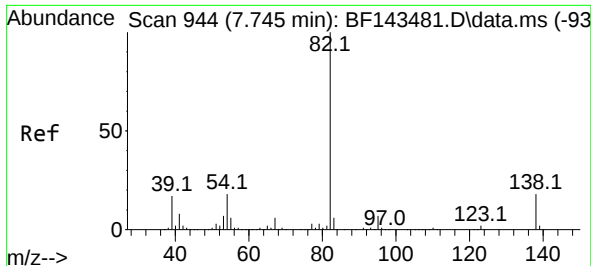
Ion Ratio Lower Upper

77 100

123 44.7 36.1 54.1

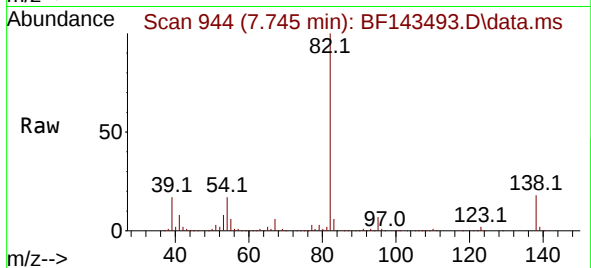
65 14.2 11.0 16.6





#25
Isophorone
Concen: 47.498 ng
RT: 7.745 min Scan# 944
Delta R.T. -0.012 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

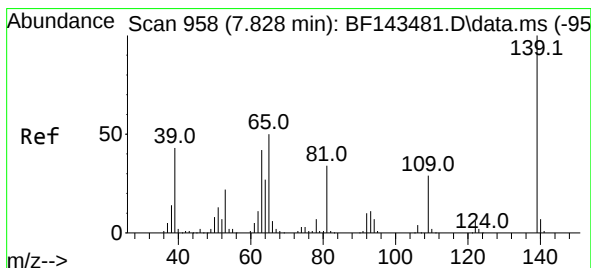
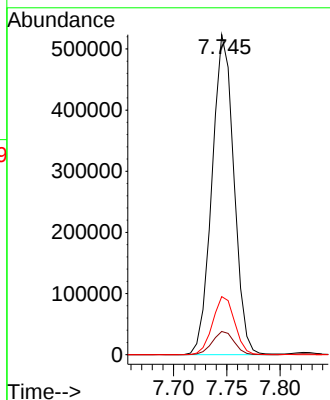
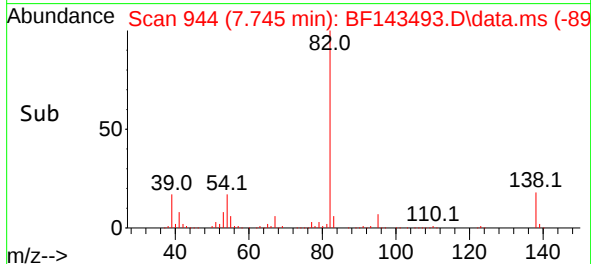
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD



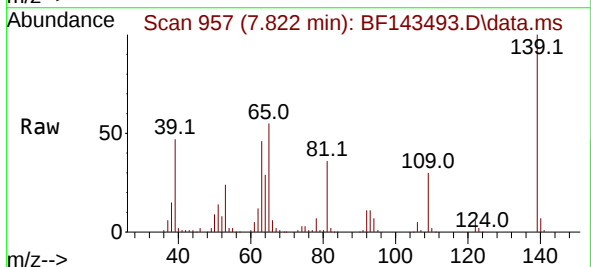
Tgt Ion: 82 Resp: 74761
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 18.1 14.2 21.4

Manual Integrations
APPROVED

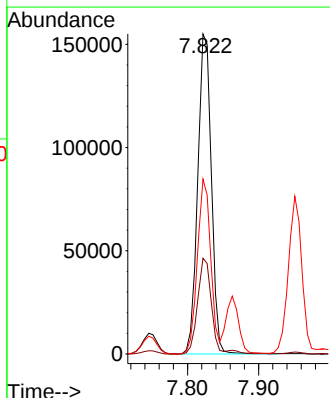
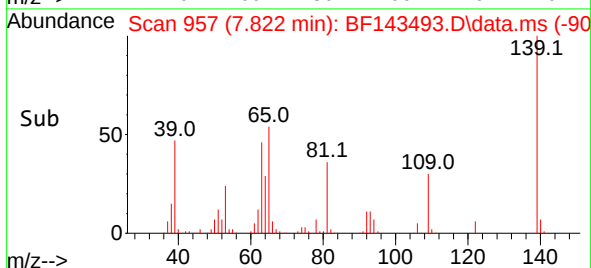
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

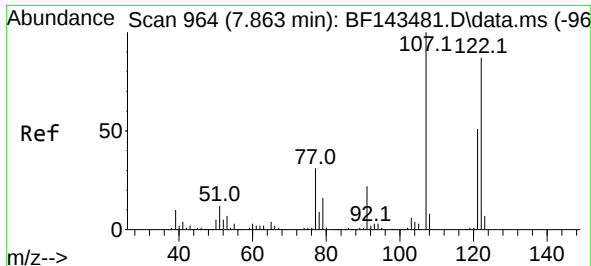


#26
2-Nitrophenol
Concen: 48.038 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10



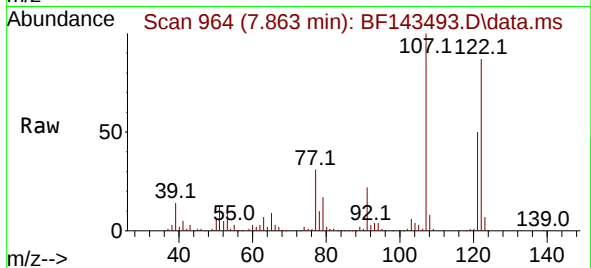
Tgt Ion:139 Resp: 207954
Ion Ratio Lower Upper
139 100
109 29.9 23.0 34.6
65 54.7 40.3 60.5





#27
2,4-Dimethylphenol
Concen: 50.096 ng
RT: 7.863 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

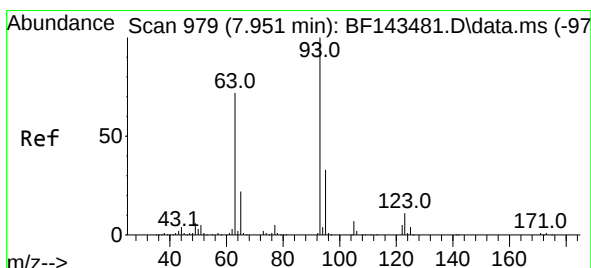
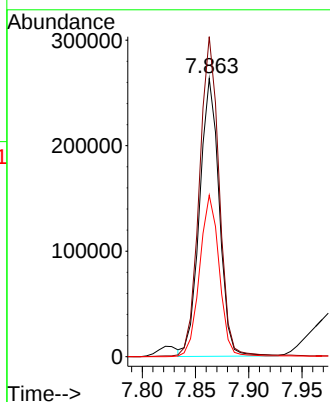
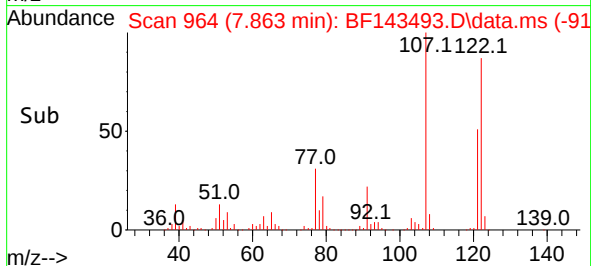
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD



Tgt Ion:122 Resp: 33805
Ion Ratio Lower Upper
122 100
107 115.0 91.5 137.3
121 58.0 47.0 70.4

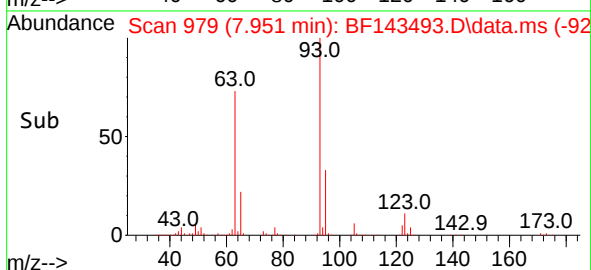
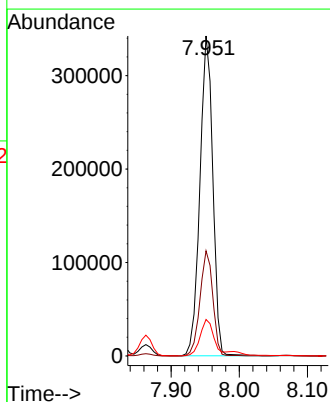
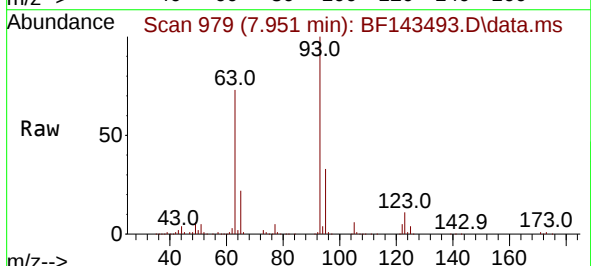
Manual Integrations
APPROVED

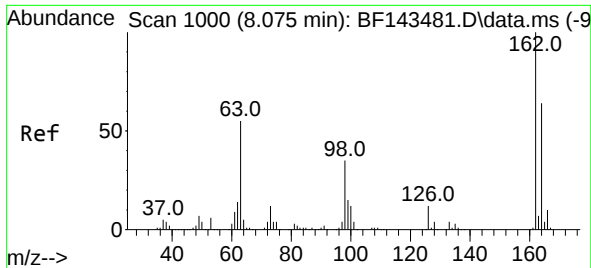
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#28
bis(2-Chloroethoxy)methane
Concen: 46.644 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

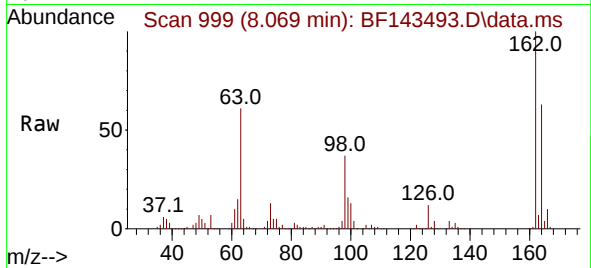
Tgt Ion: 93 Resp: 451187
Ion Ratio Lower Upper
93 100
95 32.8 26.0 39.0
123 11.4 9.1 13.7





#29
2,4-Dichlorophenol
Concen: 45.056 ng
RT: 8.069 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

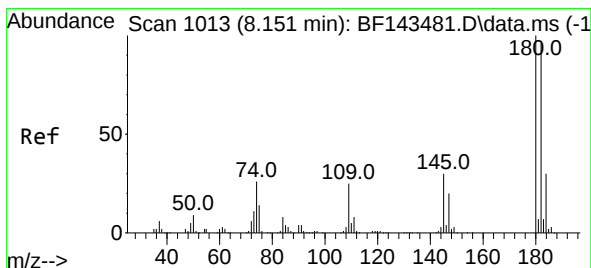
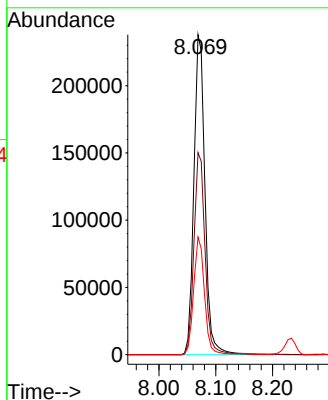
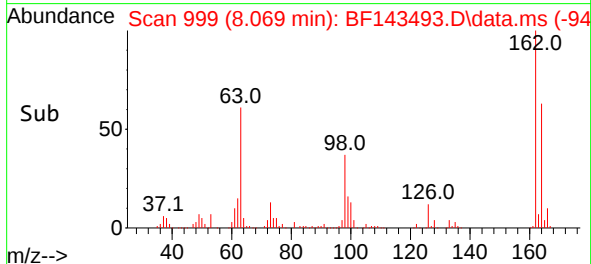
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD



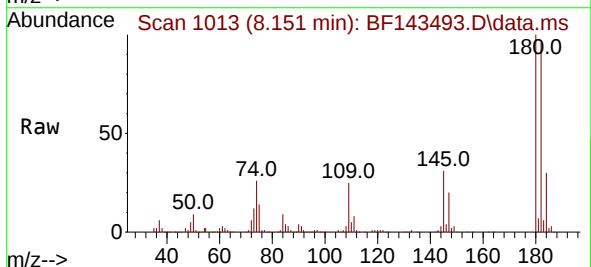
Tgt Ion:162 Resp: 324725
Ion Ratio Lower Upper
162 100
164 63.1 43.5 83.5
98 36.7 15.1 55.1

Manual Integrations
APPROVED

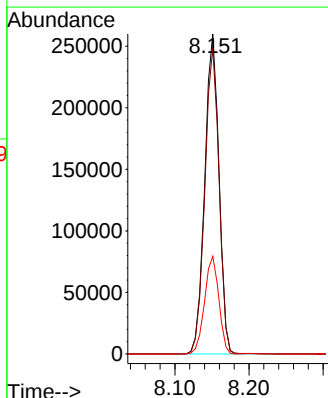
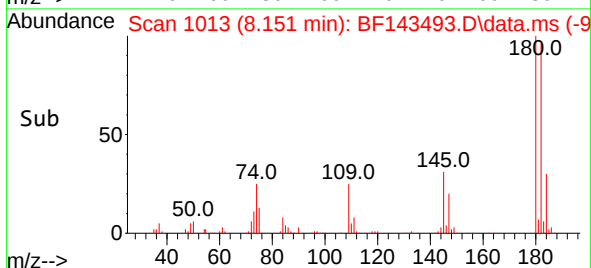
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

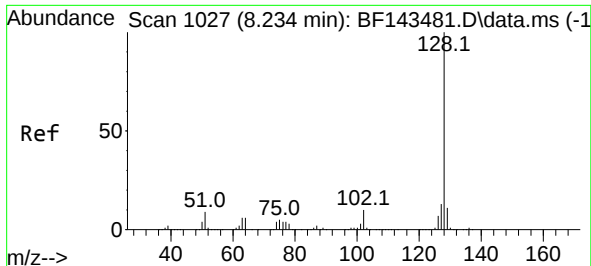


#30
1,2,4-Trichlorobenzene
Concen: 46.856 ng
RT: 8.151 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10



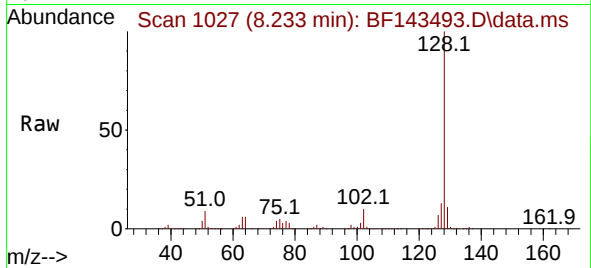
Tgt Ion:180 Resp: 347200
Ion Ratio Lower Upper
180 100
182 95.6 76.6 114.8
145 30.5 24.3 36.5





#31
Naphthalene
Concen: 44.114 ng
RT: 8.233 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

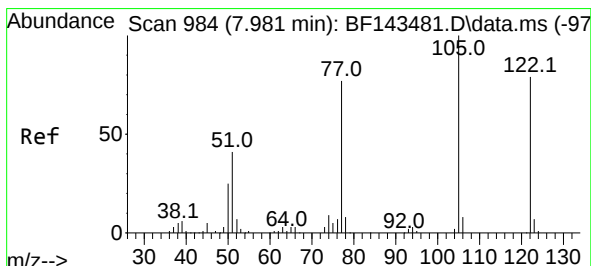
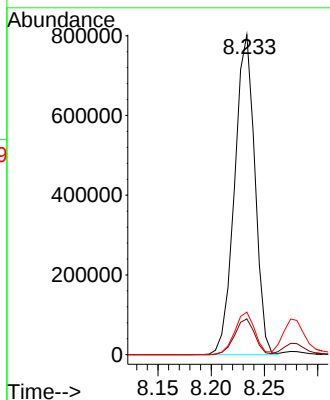
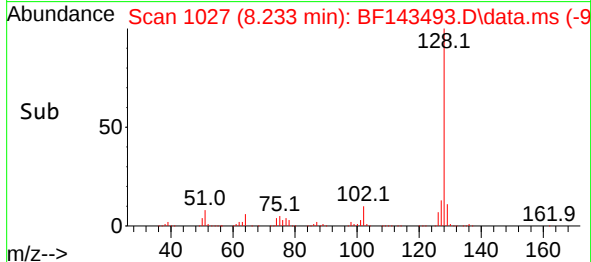
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD



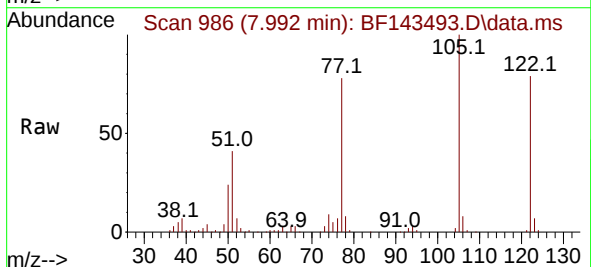
Tgt Ion:128 Resp: 1061192
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.3 10.6 16.0

Manual Integrations
APPROVED

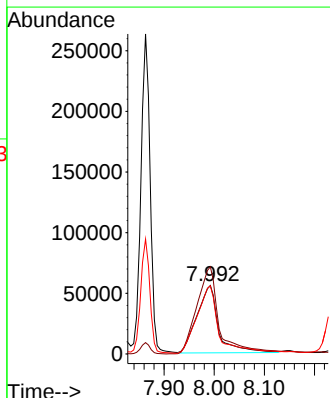
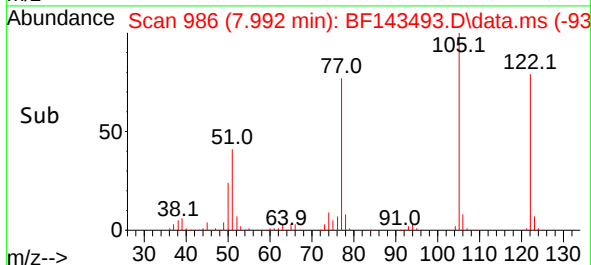
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

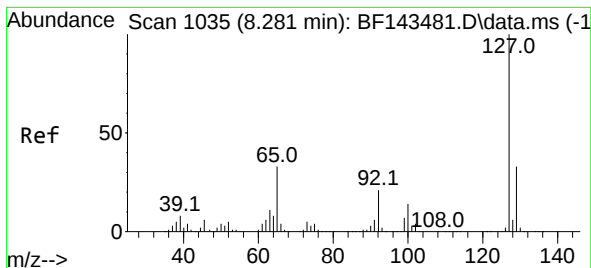


#32
Benzoic acid
Concen: 44.075 ng
RT: 7.992 min Scan# 986
Delta R.T. -0.018 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10



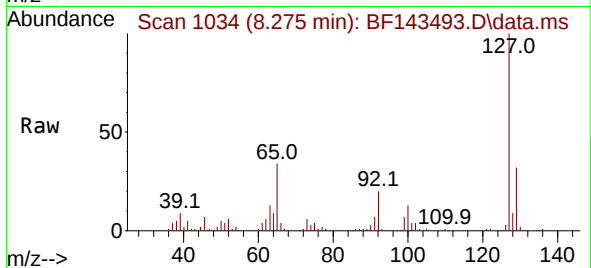
Tgt Ion:122 Resp: 166939
Ion Ratio Lower Upper
122 100
105 127.3 104.7 144.7
77 99.6 77.3 117.3





#33
4-Chloroaniline
Concen: 16.772 ng
RT: 8.275 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

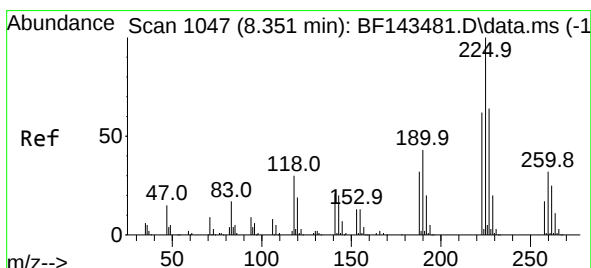
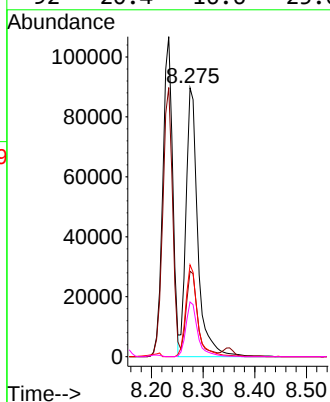
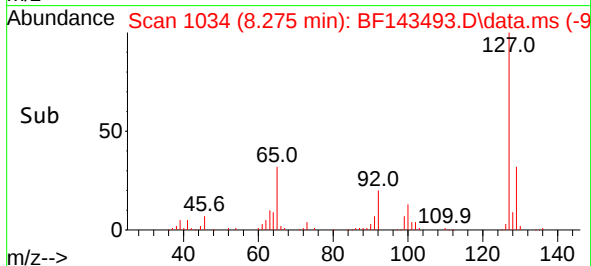
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD



Tgt Ion:127 Resp: 143190
Ion Ratio Lower Upper
127 100
129 31.8 26.1 39.1
65 34.2 26.2 39.2
92 20.4 16.6 25.0

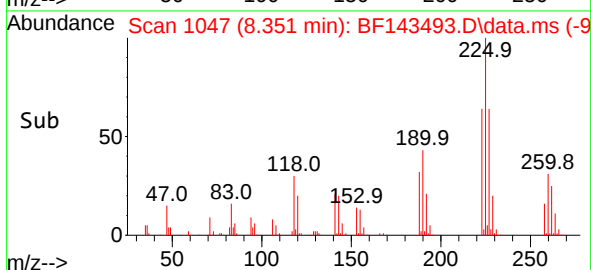
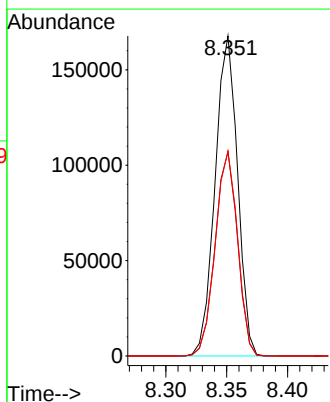
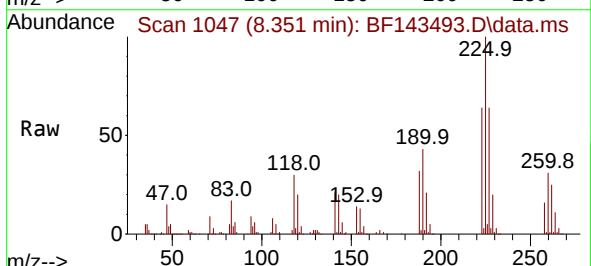
Manual Integrations
APPROVED

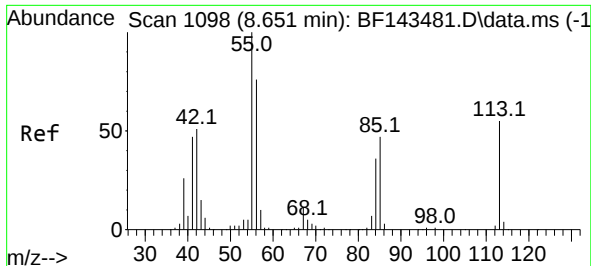
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#34
Hexachlorobutadiene
Concen: 44.529 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

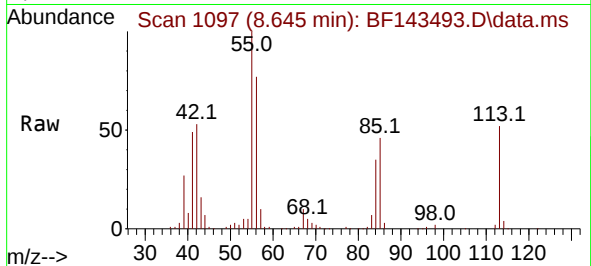
Tgt Ion:225 Resp: 215269
Ion Ratio Lower Upper
225 100
223 63.8 49.9 74.9
227 64.0 50.9 76.3





#35
Caprolactam
Concen: 49.997 ng m
RT: 8.645 min Scan# 1107
Delta R.T. -0.030 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

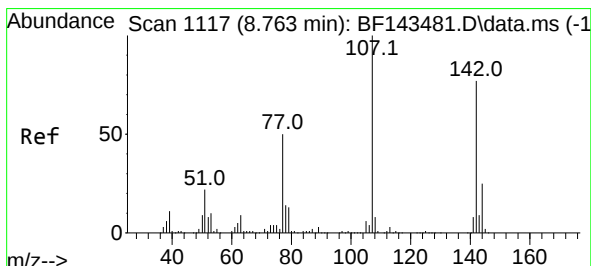
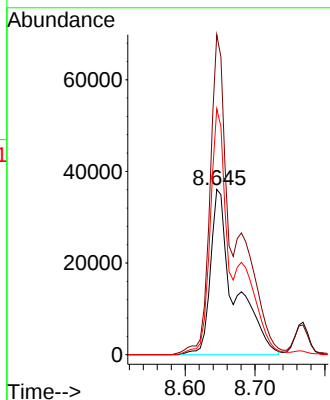
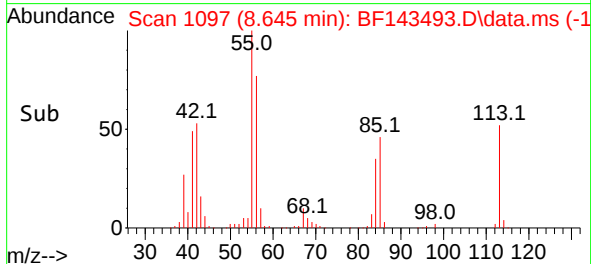
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD



Tgt Ion:113 Resp: 86460
Ion Ratio Lower Upper
113 100
55 193.6 162.8 202.8
56 148.8 118.1 158.1

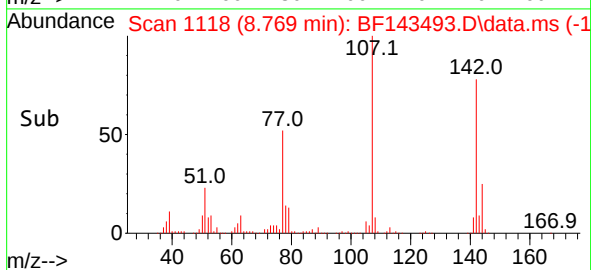
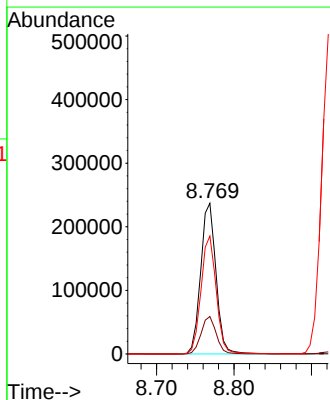
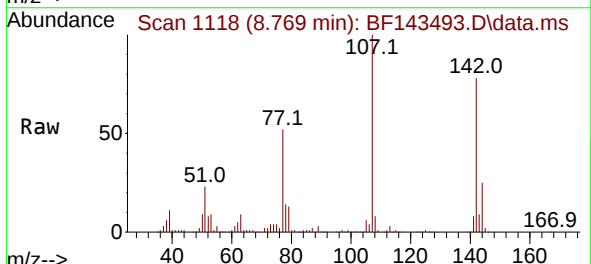
Manual Integrations
APPROVED

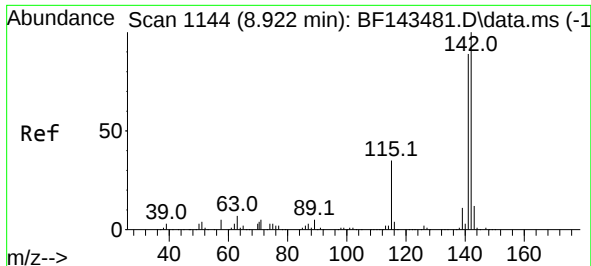
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#36
4-Chloro-3-methylphenol
Concen: 45.146 ng
RT: 8.769 min Scan# 1118
Delta R.T. -0.000 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

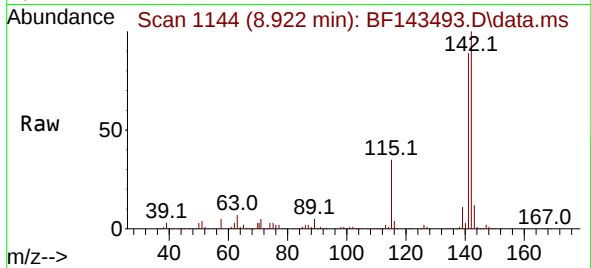
Tgt Ion:107 Resp: 326067
Ion Ratio Lower Upper
107 100
144 24.8 19.9 29.9
142 78.2 61.8 92.8





#37
2-Methylnaphthalene
Concen: 40.703 ng
RT: 8.922 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

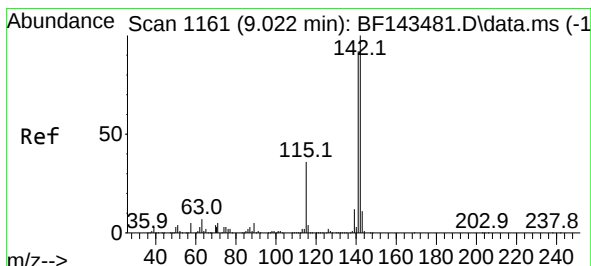
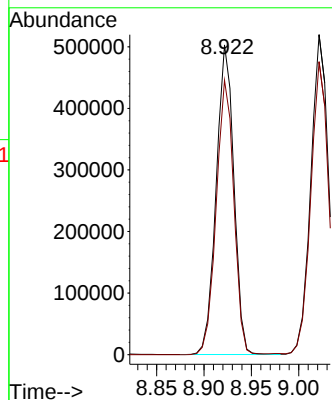
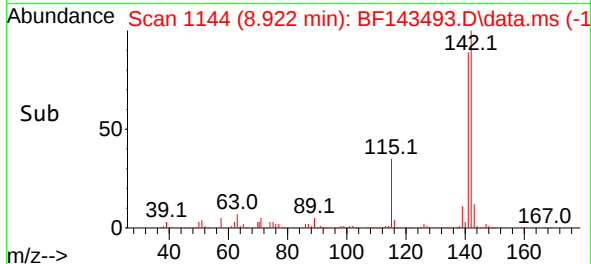
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD



Tgt Ion:142 Resp: 653958
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.4

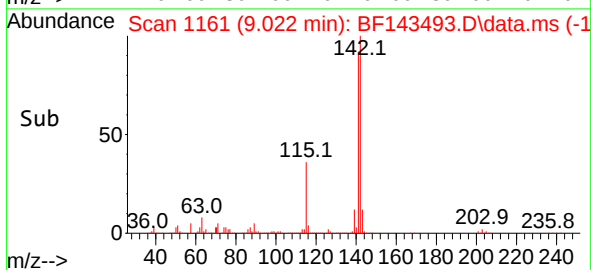
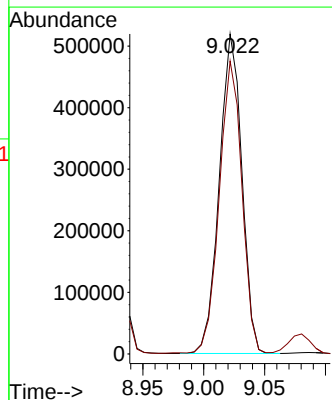
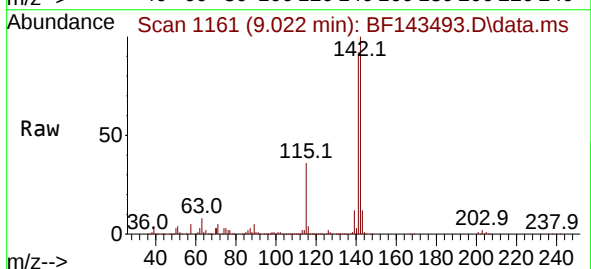
Manual Integrations
APPROVED

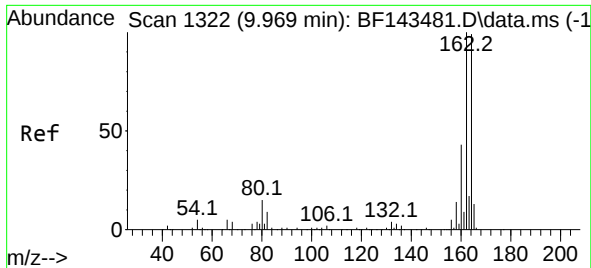
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#38
1-Methylnaphthalene
Concen: 43.534 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

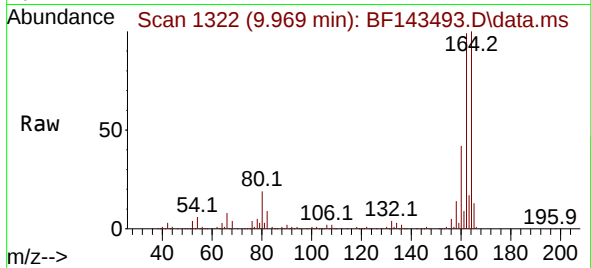
Tgt Ion:142 Resp: 669055
Ion Ratio Lower Upper
142 100
141 91.6 73.3 109.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

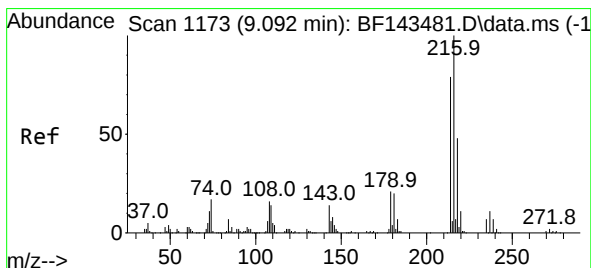
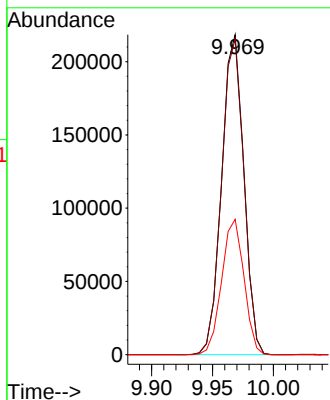
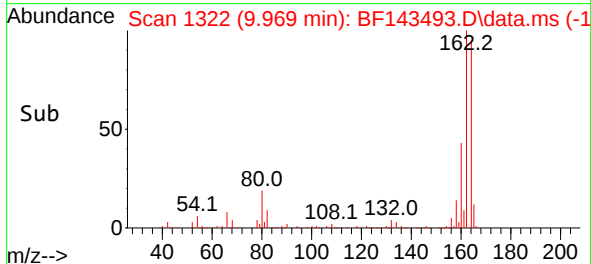
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD



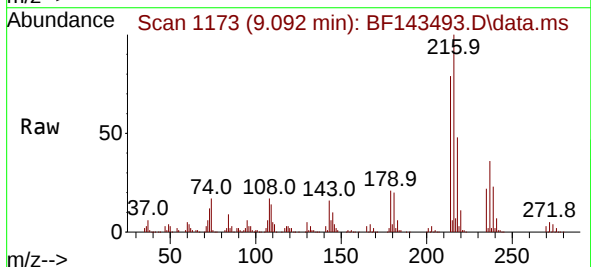
Tgt Ion:164 Resp: 27703
Ion Ratio Lower Upper
164 100
162 98.6 80.5 120.7
160 42.3 34.3 51.5

Manual Integrations
APPROVED

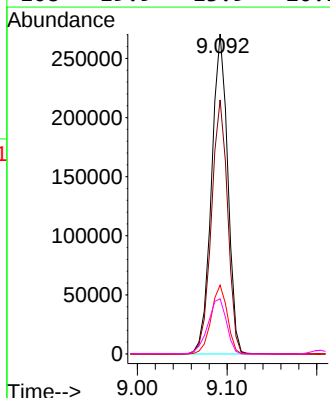
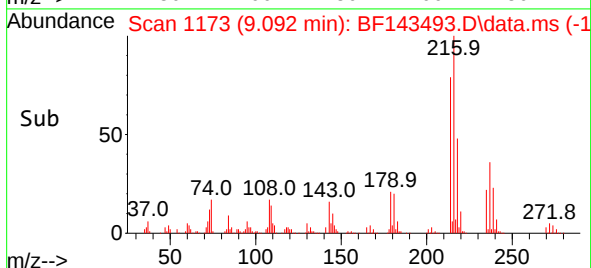
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

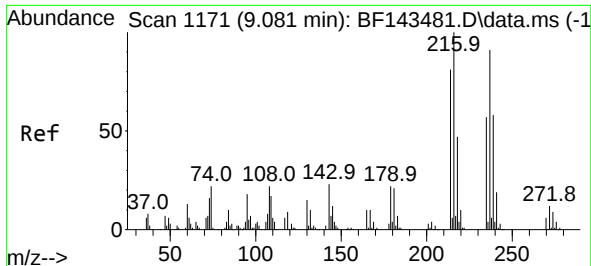


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.866 ng
RT: 9.092 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10



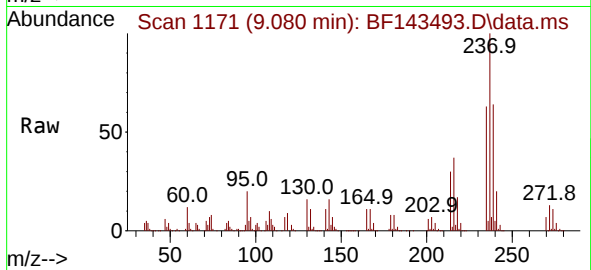
Tgt Ion:216 Resp: 339677
Ion Ratio Lower Upper
216 100
214 79.4 63.4 95.0
179 21.4 16.5 24.7
108 19.9 13.9 20.9





#41
Hexachlorocyclopentadiene
Concen: 115.180 ng
RT: 9.080 min Scan# 1171
Delta R.T. -0.001 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

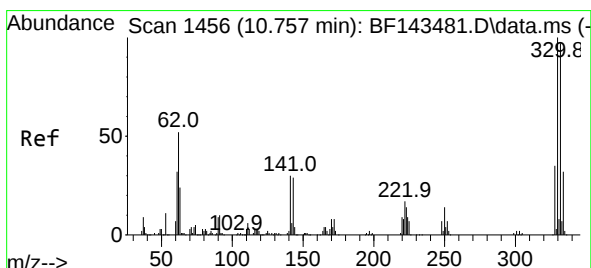
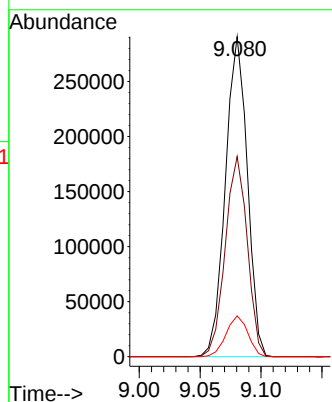
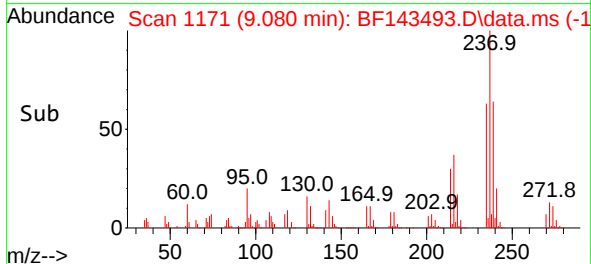
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD



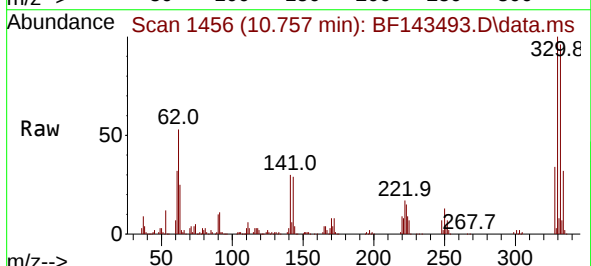
Tgt Ion:237 Resp: 36412
Ion Ratio Lower Upper
237 100
235 62.5 42.6 82.6
272 12.7 0.0 33.4

Manual Integrations
APPROVED

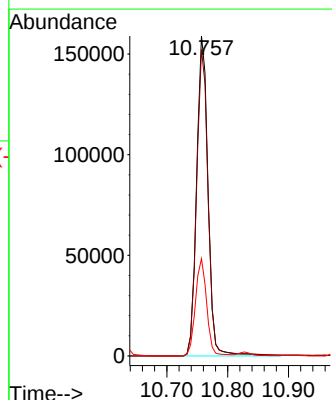
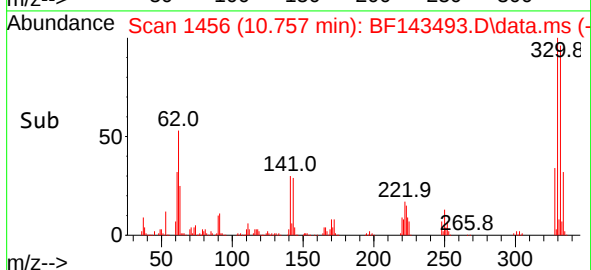
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

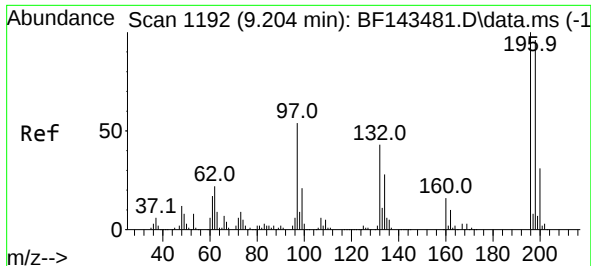


#42
2,4,6-Tribromophenol
Concen: 80.628 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10



Tgt Ion:330 Resp: 207920
Ion Ratio Lower Upper
330 100
332 97.2 78.0 117.0
141 29.7 23.7 35.5





#43

2,4,6-Trichlorophenol

Concen: 45.460 ng

RT: 9.204 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF143493.D

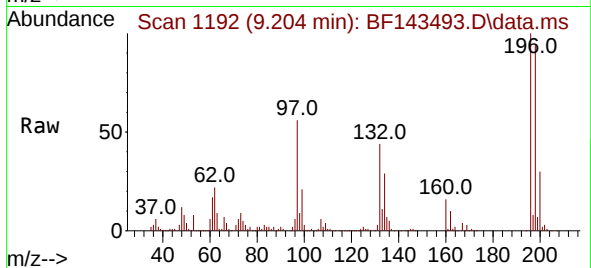
Acq: 20 Aug 2025 19:10

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMSD



Tgt Ion:196 Resp: 221658

Ion Ratio Lower Upper

196 100

198 94.0 77.0 115.4

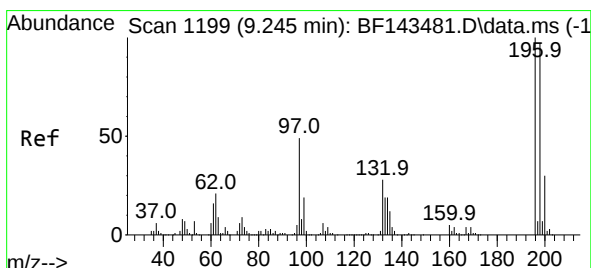
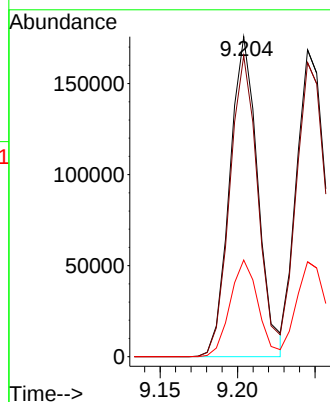
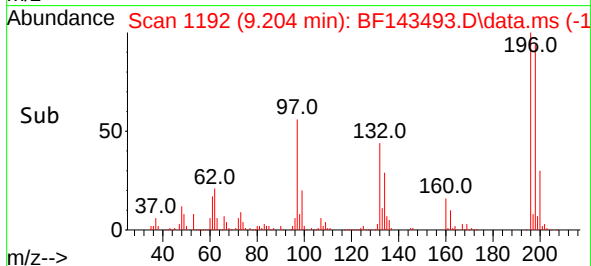
200 30.2 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/21/2025

Supervised By :Jagrut Upadhyay 08/21/2025



#44

2,4,5-Trichlorophenol

Concen: 43.200 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143493.D

Acq: 20 Aug 2025 19:10

Tgt Ion:196 Resp: 230088

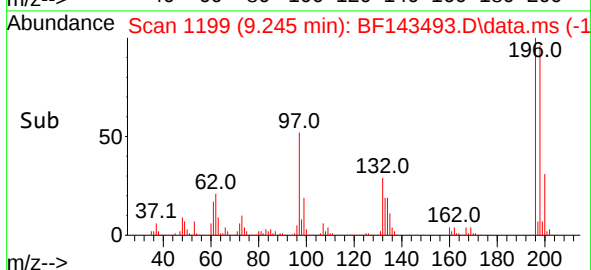
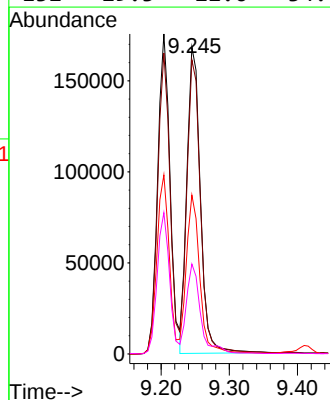
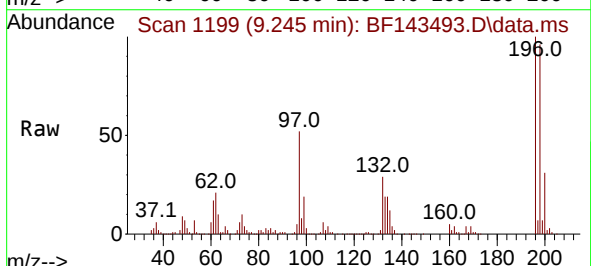
Ion Ratio Lower Upper

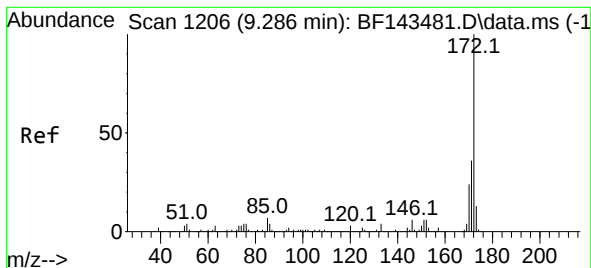
196 100

198 95.8 77.3 115.9

97 51.8 40.0 60.0

132 29.3 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 55.347 ng

RT: 9.280 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF143493.D

Acq: 20 Aug 2025 19:10

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMSD

Tgt Ion:172 Resp: 927758

Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

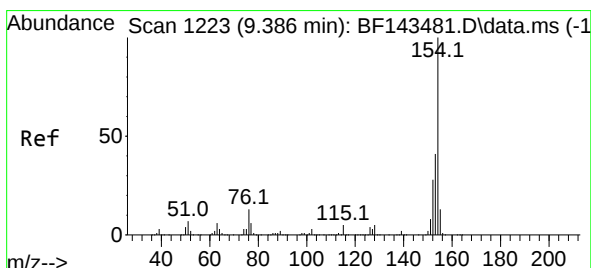
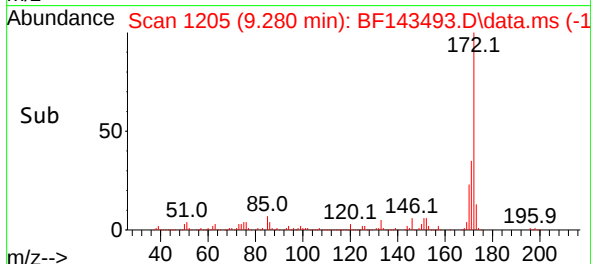
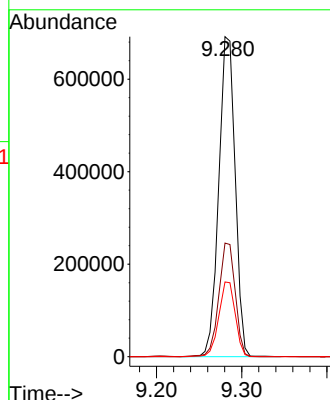
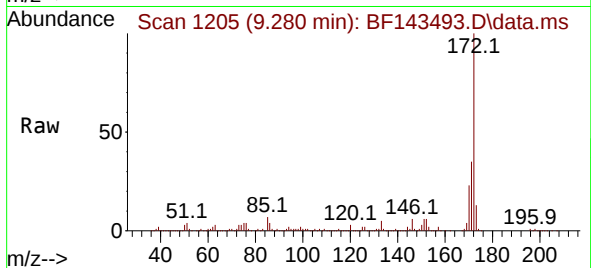
170 23.4 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/21/2025

Supervised By :Jagrut Upadhyay 08/21/2025



#46

1,1'-Biphenyl

Concen: 45.535 ng

RT: 9.386 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF143493.D

Acq: 20 Aug 2025 19:10

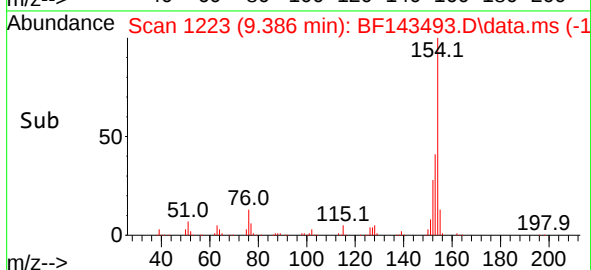
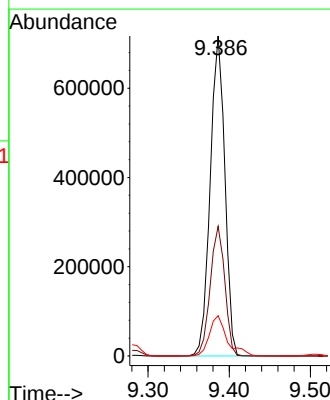
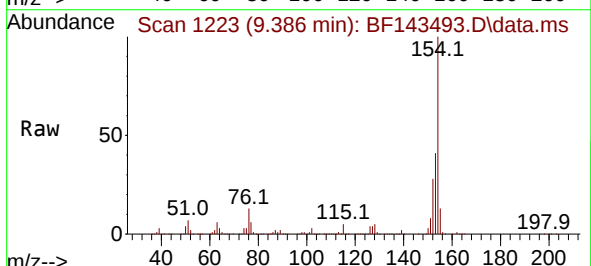
Tgt Ion:154 Resp: 895367

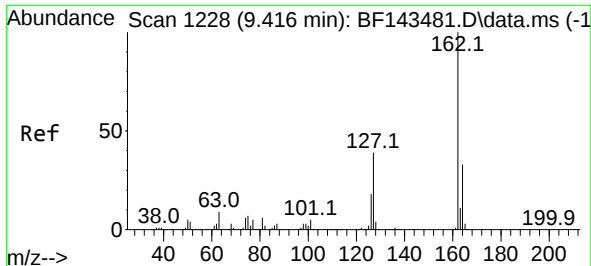
Ion Ratio Lower Upper

154 100

153 40.5 20.6 60.6

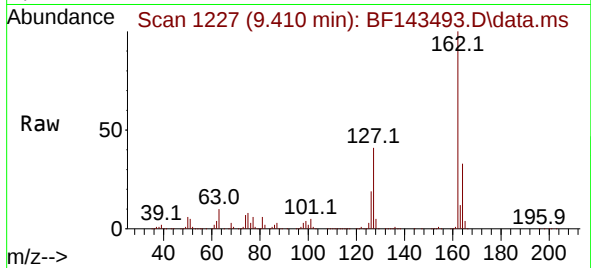
76 12.6 0.0 33.0





#47
2-Chloronaphthalene
Concen: 44.568 ng
RT: 9.410 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

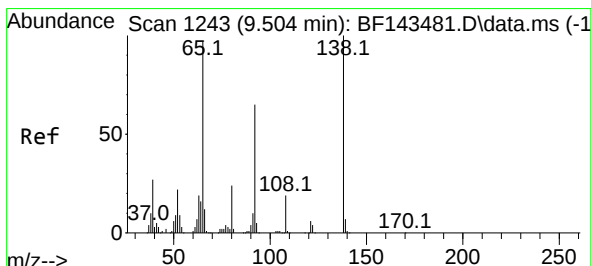
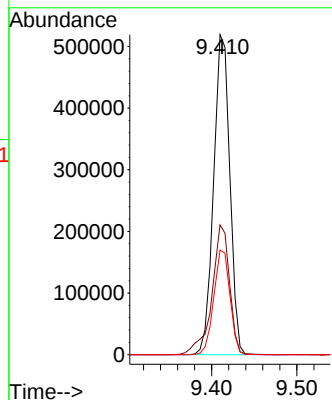
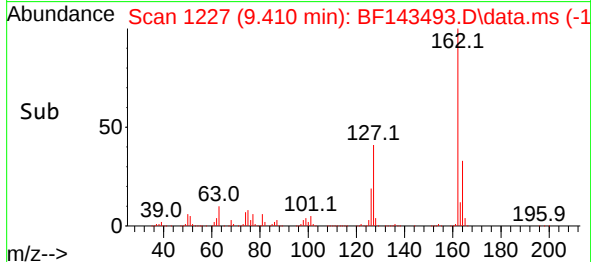
Instrument : BNA_F
ClientSampleId : 3-FLOOR-SOUTH-EMSD



Tgt Ion:162 Resp: 68759
Ion Ratio Lower Upper
162 100
127 40.5 31.8 47.6
164 32.7 26.4 39.6

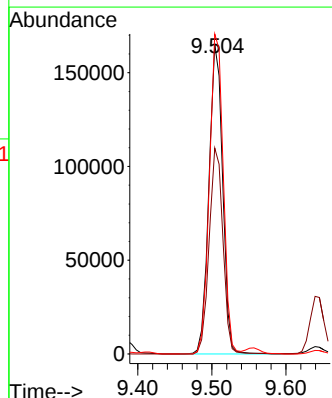
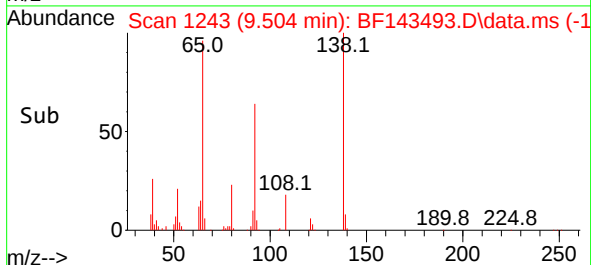
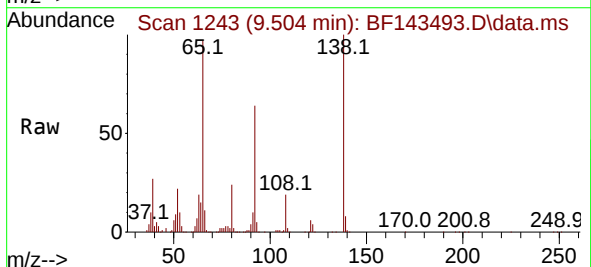
Manual Integrations
APPROVED

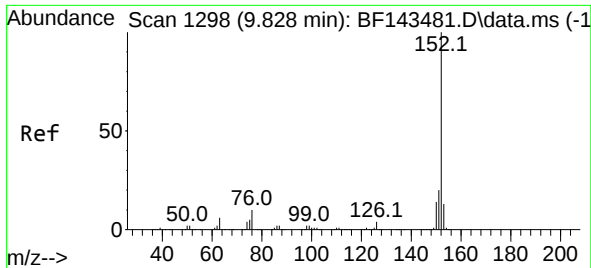
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#48
2-Nitroaniline
Concen: 47.051 ng
RT: 9.504 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

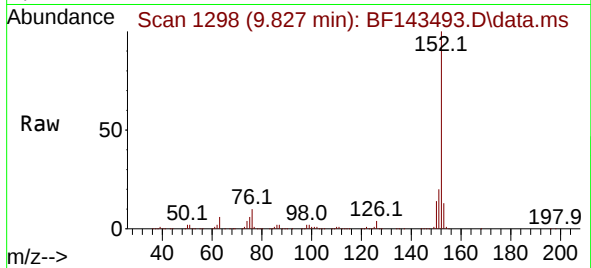
Tgt Ion: 65 Resp: 212444
Ion Ratio Lower Upper
65 100
92 66.5 53.8 80.6
138 103.4 82.4 123.6





#49
Acenaphthylene
Concen: 50.467 ng
RT: 9.827 min Scan# 1114849
Delta R.T. -0.000 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

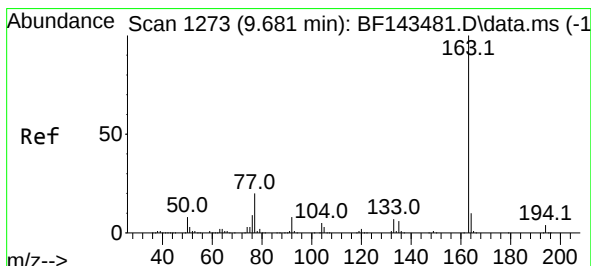
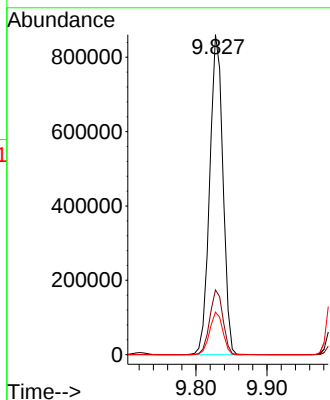
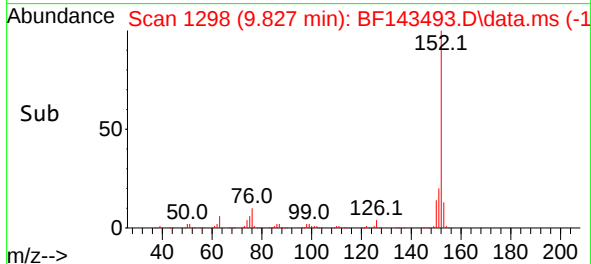
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD



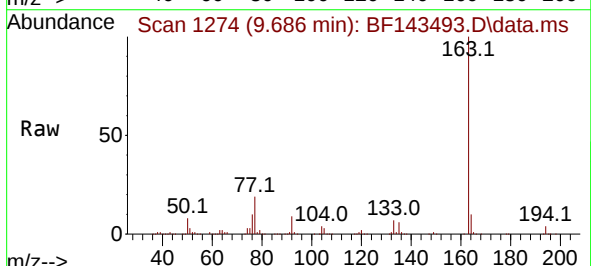
Tgt Ion:152 Resp: 1114849
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.3 10.6 15.8

Manual Integrations
APPROVED

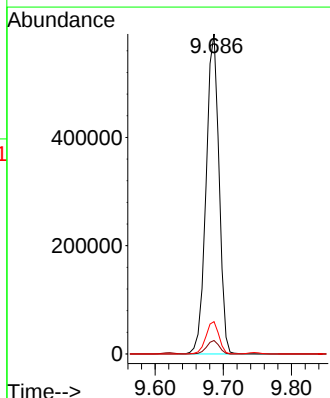
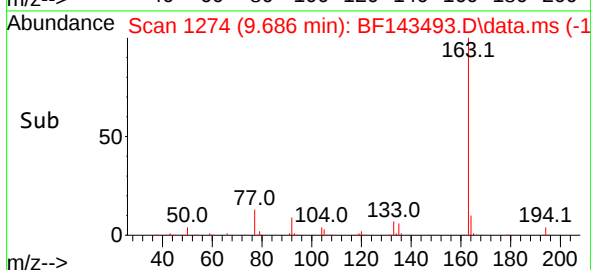
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

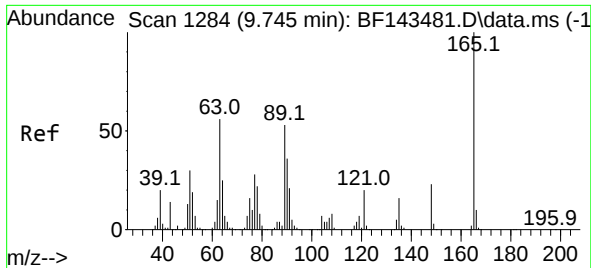


#50
Dimethylphthalate
Concen: 46.714 ng
RT: 9.686 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10



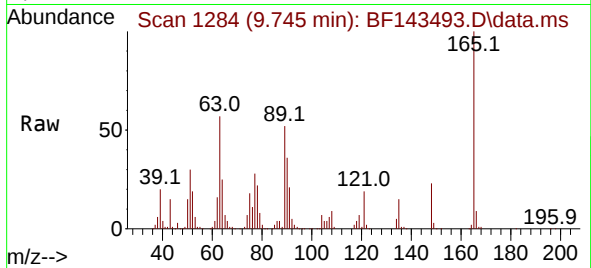
Tgt Ion:163 Resp: 779416
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 50.095 ng
RT: 9.745 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

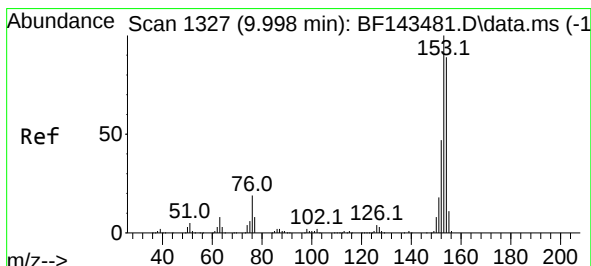
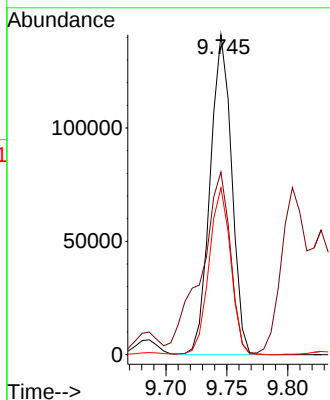
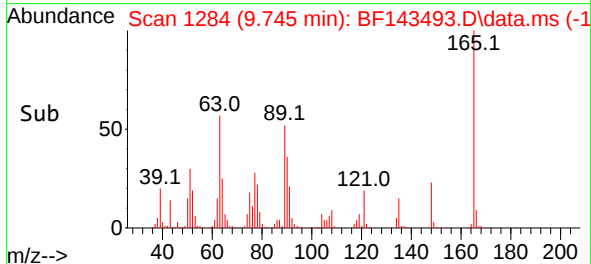
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD



Tgt Ion:165 Resp: 173228
Ion Ratio Lower Upper
165 100
63 57.1 45.0 67.6
89 52.2 42.5 63.7

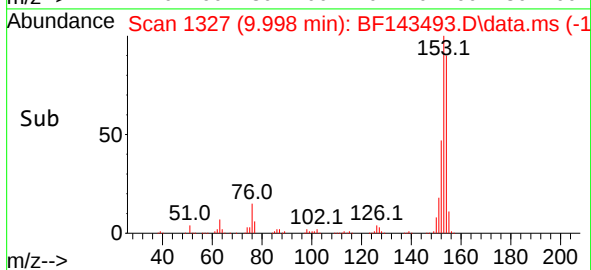
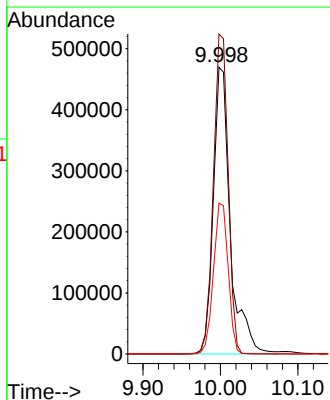
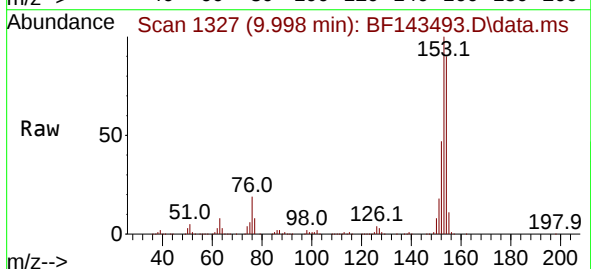
Manual Integrations
APPROVED

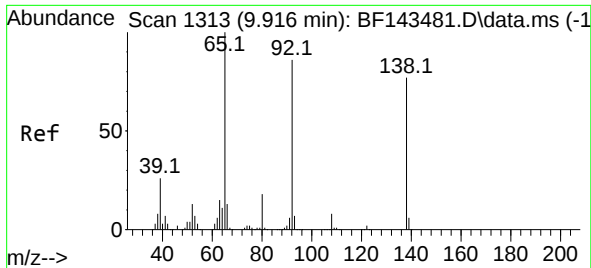
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#52
Acenaphthene
Concen: 47.906 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

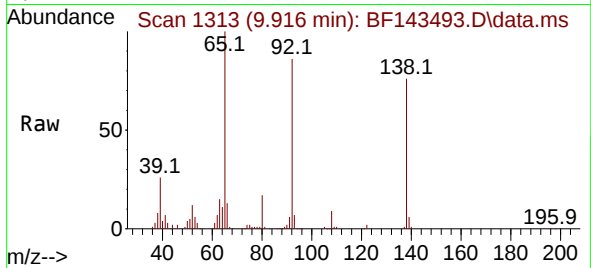
Tgt Ion:154 Resp: 718537
Ion Ratio Lower Upper
154 100
153 111.6 89.5 134.3
152 52.5 42.5 63.7





#53
3-Nitroaniline
Concen: 27.208 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

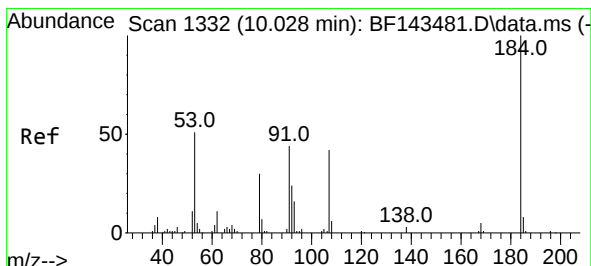
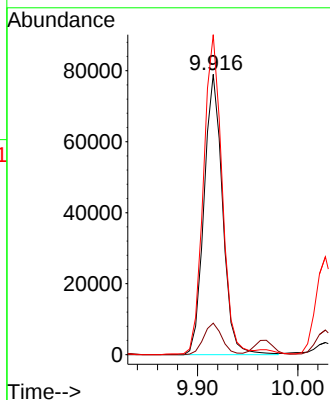
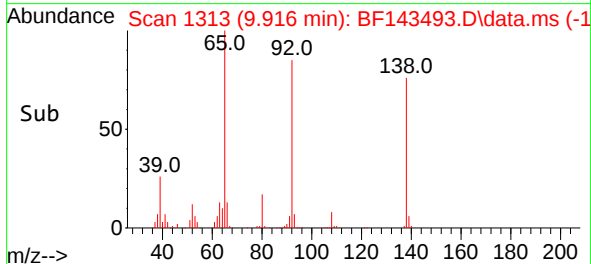
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD



Tgt Ion:138 Resp: 10166
Ion Ratio Lower Upper
138 100
108 11.3 8.6 13.0
92 114.2 89.8 134.8

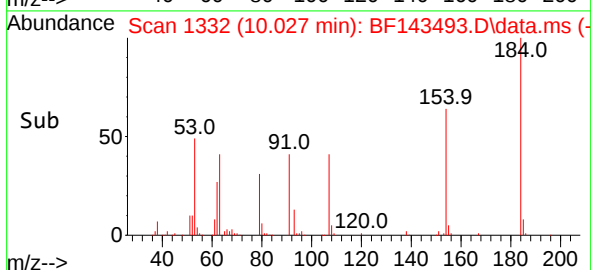
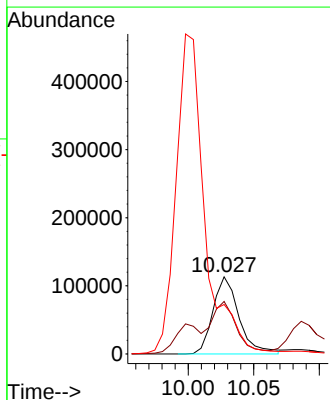
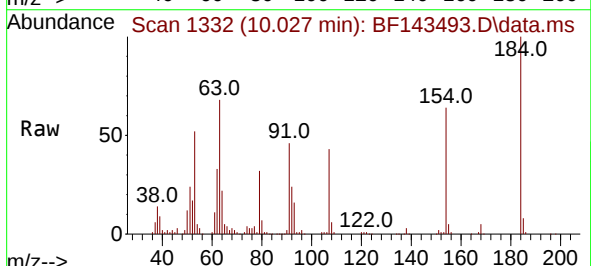
Manual Integrations
APPROVED

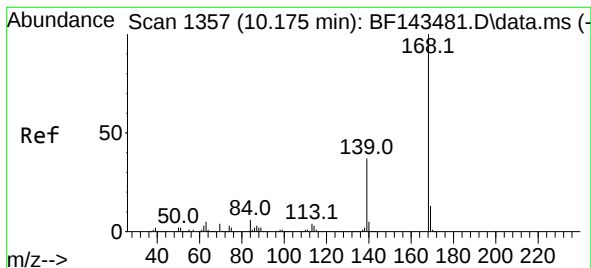
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#54
2,4-Dinitrophenol
Concen: 84.233 ng
RT: 10.027 min Scan# 1332
Delta R.T. -0.001 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

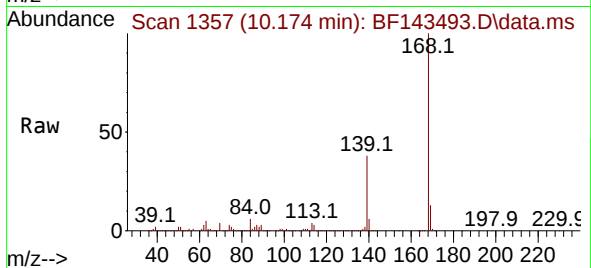
Tgt Ion:184 Resp: 156325
Ion Ratio Lower Upper
184 100
63 67.9 52.6 78.8
154 64.1 51.0 76.4





#55
Dibenzenofuran
Concen: 44.388 ng
RT: 10.174 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

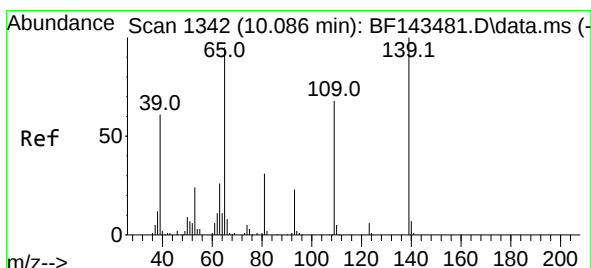
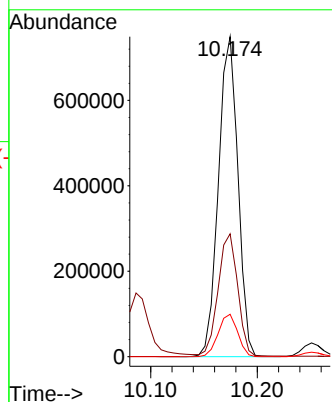
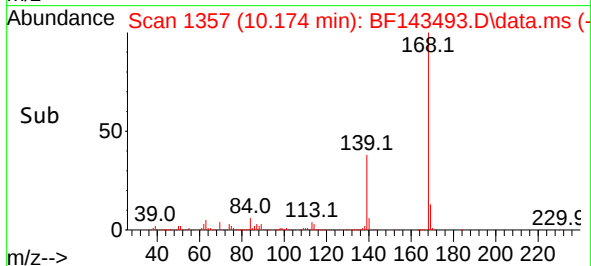
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD



Tgt Ion:168 Resp: 949188
Ion Ratio Lower Upper
168 100
139 38.4 29.8 44.6
169 13.3 10.8 16.2

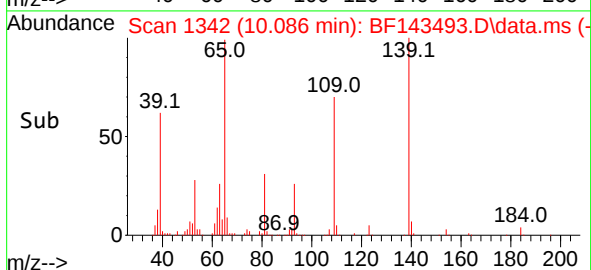
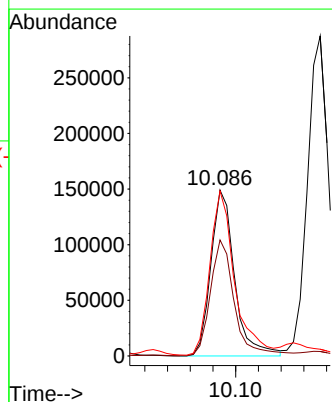
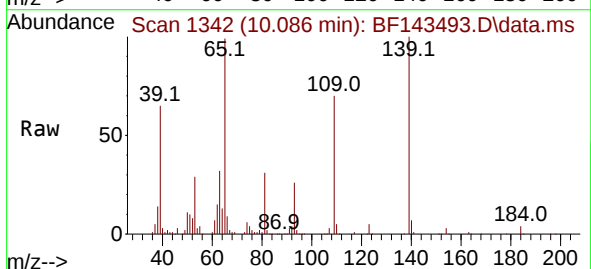
Manual Integrations
APPROVED

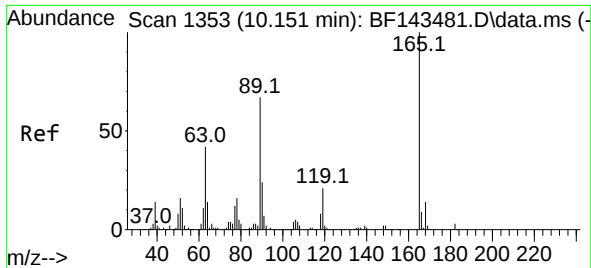
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#56
4-Nitrophenol
Concen: 97.261 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

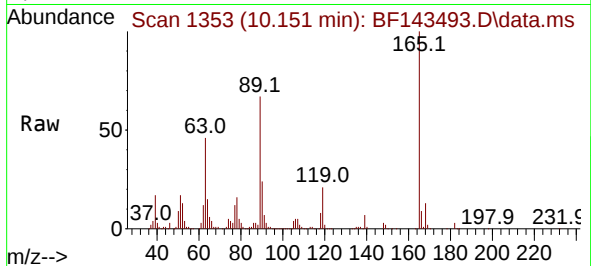
Tgt Ion:139 Resp: 216240
Ion Ratio Lower Upper
139 100
109 69.9 48.2 88.2
65 99.5 75.8 115.8





#57
2,4-Dinitrotoluene
Concen: 50.442 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

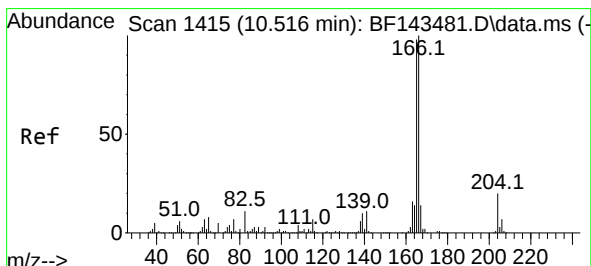
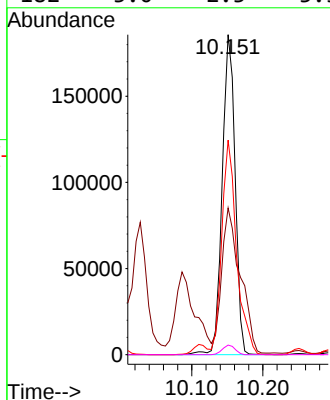
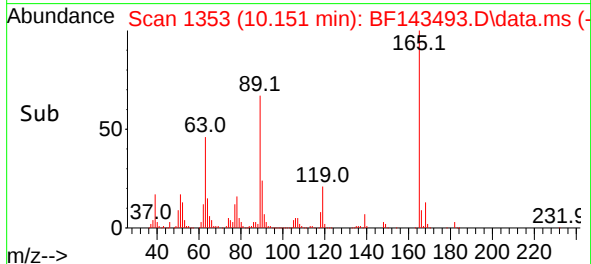
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD



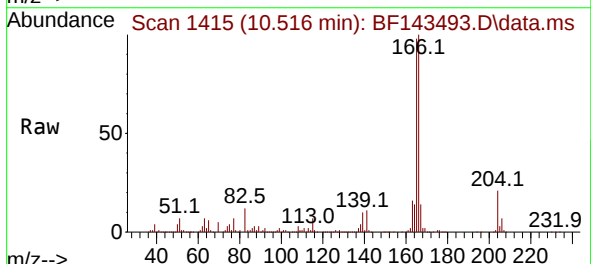
Tgt Ion:165 Resp: 232900
Ion Ratio Lower Upper
165 100
63 45.8 34.9 52.3
89 67.0 53.3 79.9
182 3.0 2.3 3.5

Manual Integrations
APPROVED

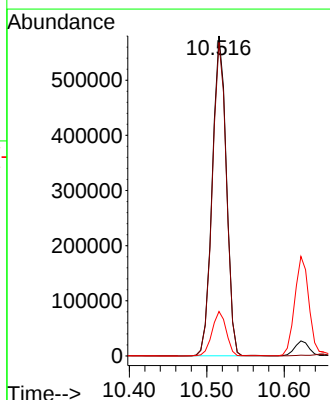
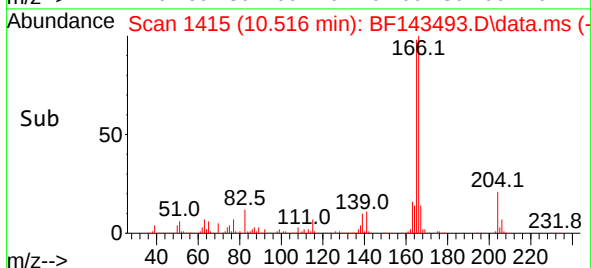
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

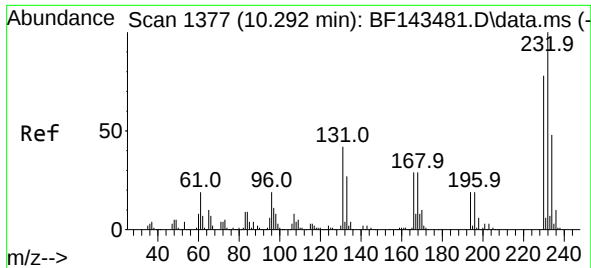


#58
Fluorene
Concen: 44.504 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10



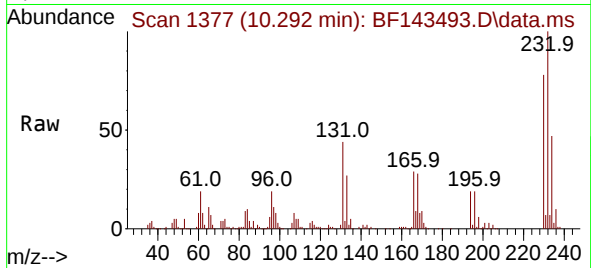
Tgt Ion:166 Resp: 732448
Ion Ratio Lower Upper
166 100
165 98.0 78.3 117.5
167 13.9 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.317 ng
RT: 10.292 min Scan# 1377
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

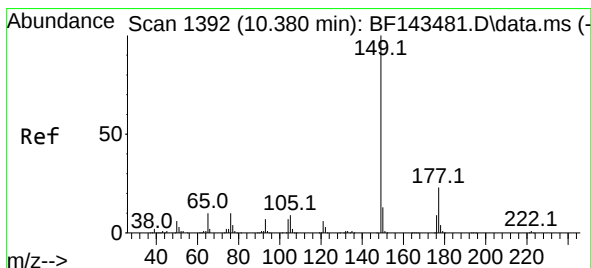
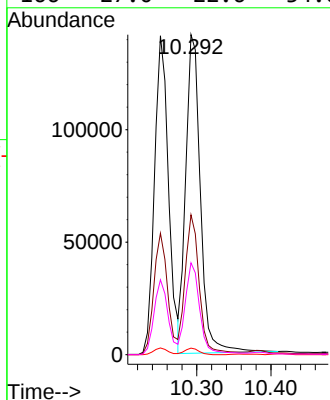
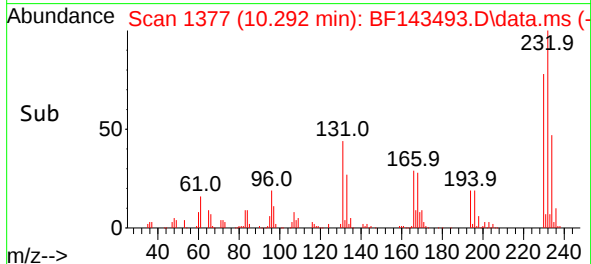
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD



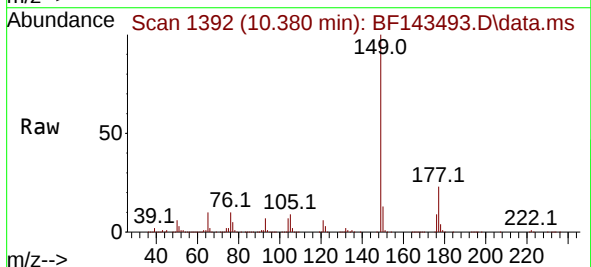
Tgt Ion:232 Resp: 195144
Ion Ratio Lower Upper
232 100
131 42.2 32.7 49.1
130 1.9 1.6 2.4
166 27.0 22.6 34.0

Manual Integrations
APPROVED

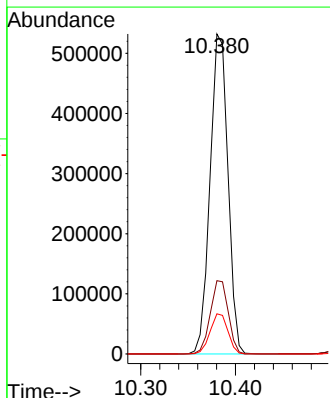
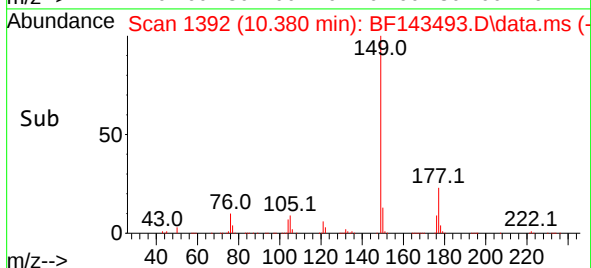
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

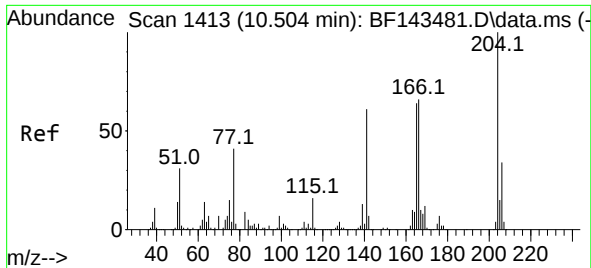


#60
Diethylphthalate
Concen: 46.561 ng
RT: 10.380 min Scan# 1392
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10



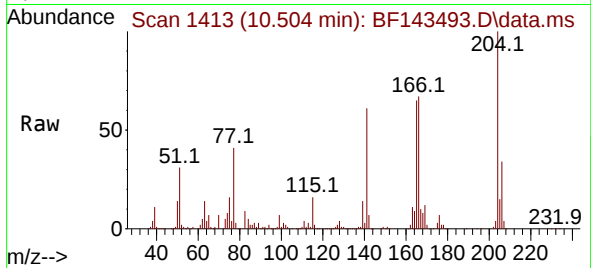
Tgt Ion:149 Resp: 696514
Ion Ratio Lower Upper
149 100
177 22.9 18.3 27.5
150 12.6 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 44.019 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

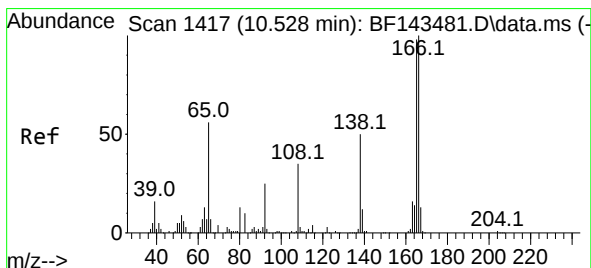
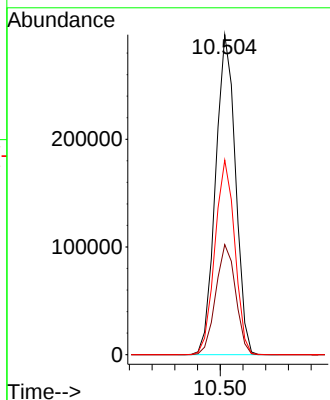
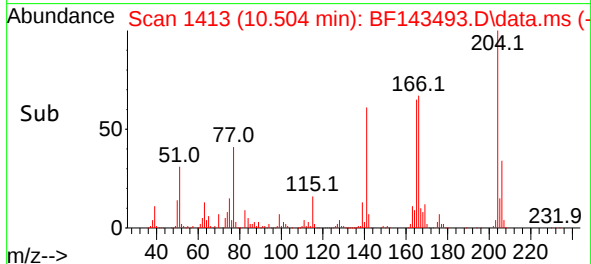
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD



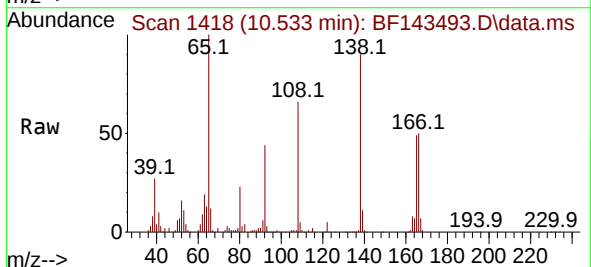
Tgt Ion:204 Resp: 362319
Ion Ratio Lower Upper
204 100
206 34.4 27.0 40.4
141 60.8 48.7 73.1

Manual Integrations
APPROVED

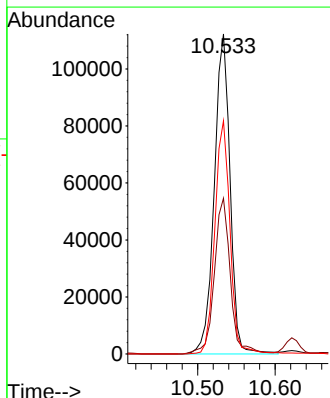
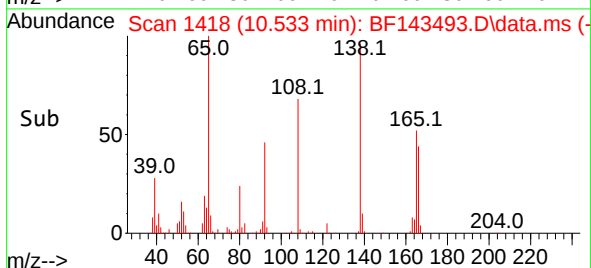
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

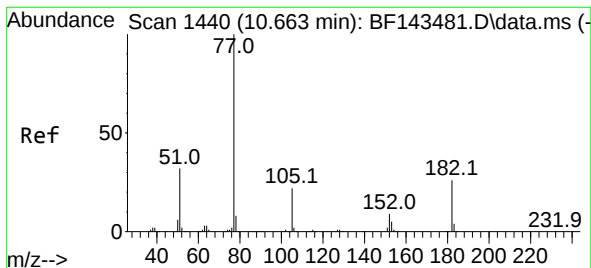


#62
4-Nitroaniline
Concen: 46.374 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10



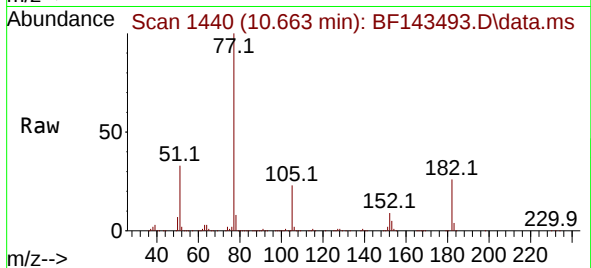
Tgt Ion:138 Resp: 159164
Ion Ratio Lower Upper
138 100
92 48.6 29.3 69.3
108 72.9 50.7 90.7





#63
Azobenzene
Concen: 49.874 ng
RT: 10.663 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

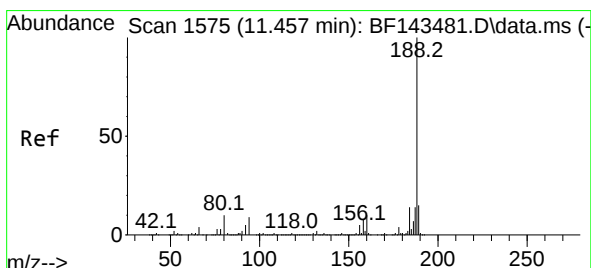
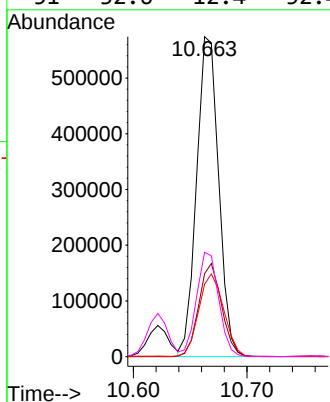
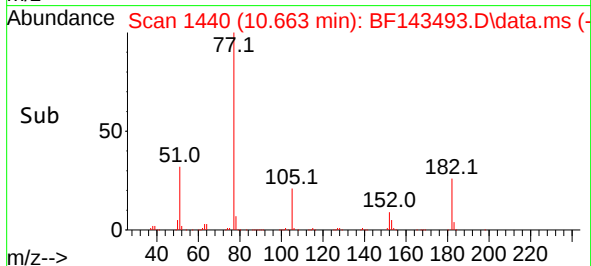
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD



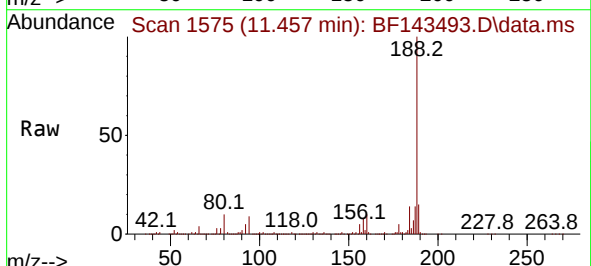
Tgt Ion: 77 Resp: 773579
Ion Ratio Lower Upper
77 100
182 25.9 6.2 46.2
105 22.6 2.2 42.2
51 32.6 12.4 52.4

Manual Integrations
APPROVED

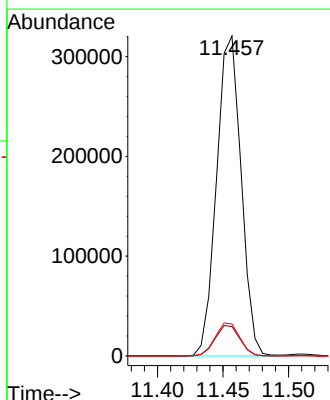
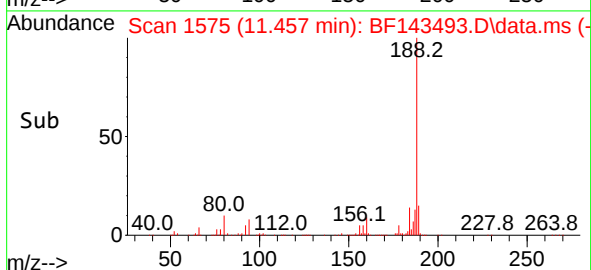
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

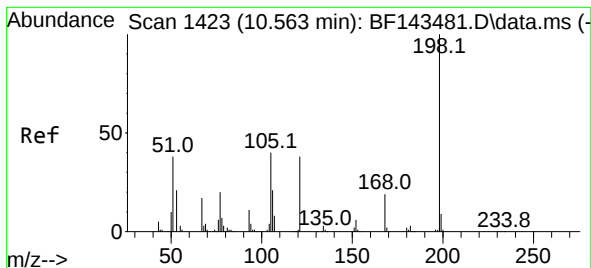


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10



Tgt Ion:188 Resp: 417503
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 10.0 8.2 12.4





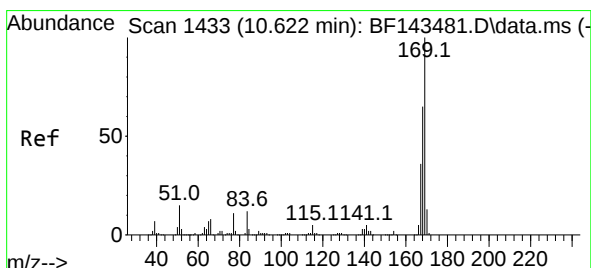
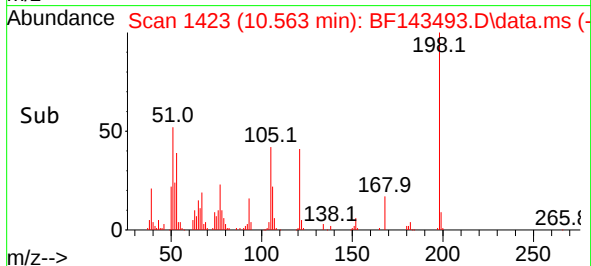
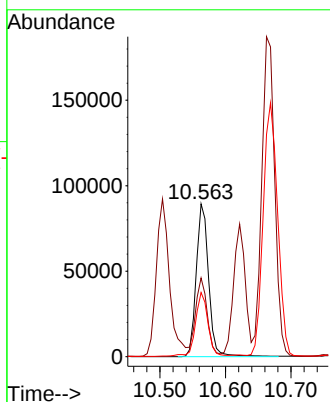
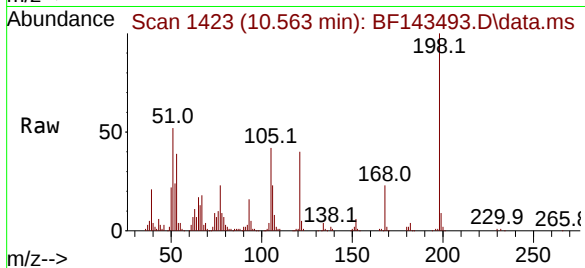
#65
4,6-Dinitro-2-methylphenol
Concen: 49.996 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD

Tgt Ion:198 Resp: 11769
Ion Ratio Lower Upper
198 100
51 51.5 29.6 69.6
105 42.0 21.5 61.5

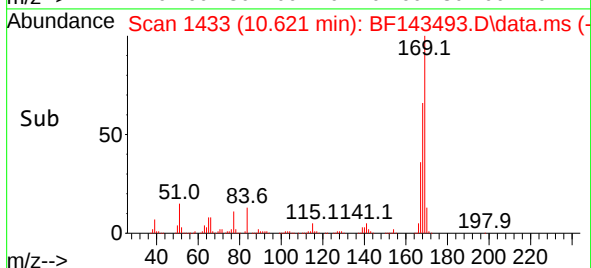
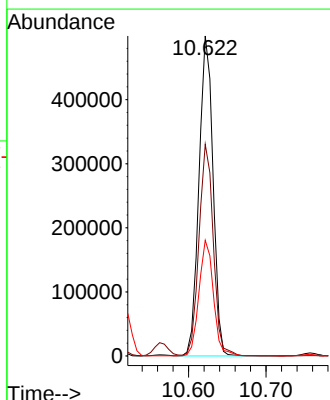
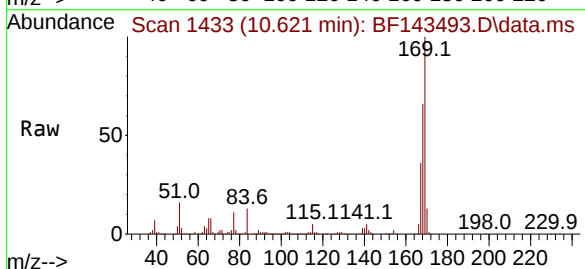
Manual Integrations
APPROVED

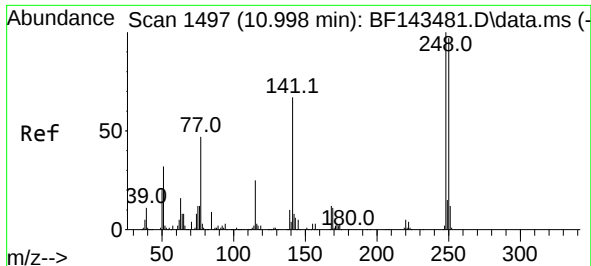
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#66
n-Nitrosodiphenylamine
Concen: 46.763 ng
RT: 10.621 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

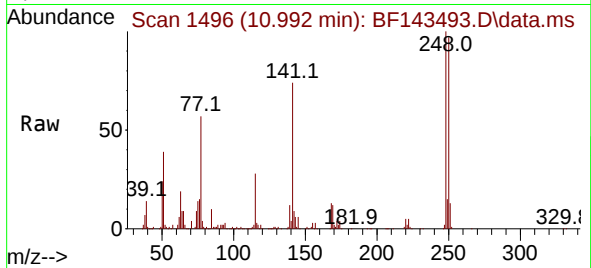
Tgt Ion:169 Resp: 628313
Ion Ratio Lower Upper
169 100
168 66.1 52.4 78.6
167 36.1 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 46.598 ng
RT: 10.992 min Scan# 1496
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

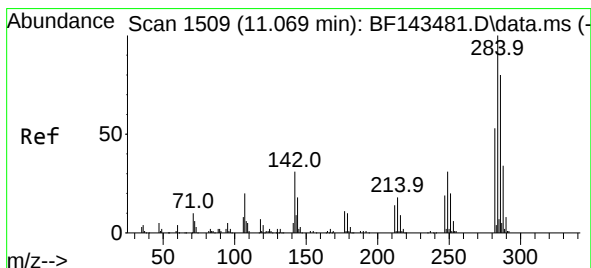
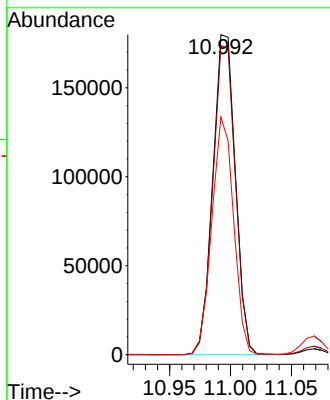
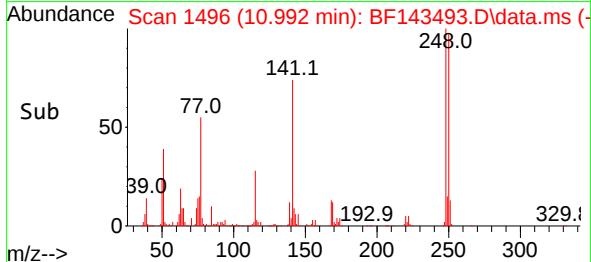
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD



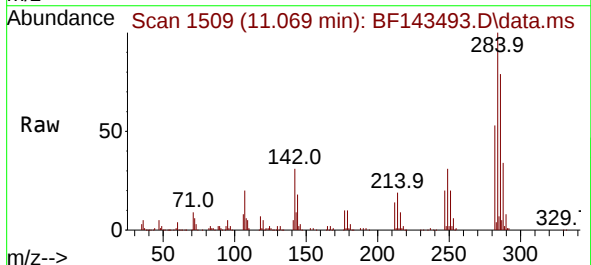
Tgt Ion:248 Resp: 232125
Ion Ratio Lower Upper
248 100
250 96.6 77.8 116.8
141 74.2 54.0 81.0

Manual Integrations
APPROVED

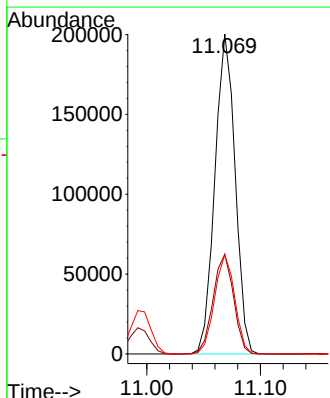
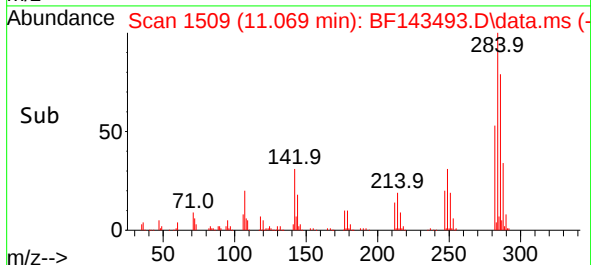
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

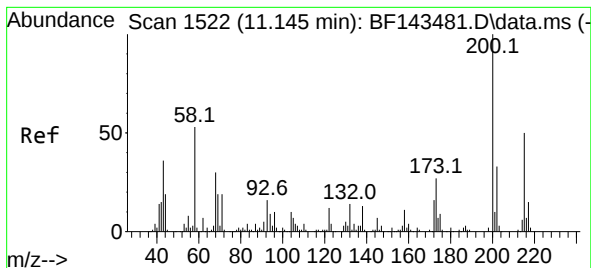


#68
Hexachlorobenzene
Concen: 46.223 ng
RT: 11.069 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10



Tgt Ion:284 Resp: 248200
Ion Ratio Lower Upper
284 100
142 31.2 24.4 36.6
249 31.1 25.0 37.6





#69

Atrazine

Concen: 50.420 ng

RT: 11.145 min Scan# 1522

Delta R.T. -0.006 min

Lab File: BF143493.D

Acq: 20 Aug 2025 19:10

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMSD

Tgt Ion:200 Resp: 174874

Ion Ratio Lower Upper

200 100

173 26.6 6.9 46.9

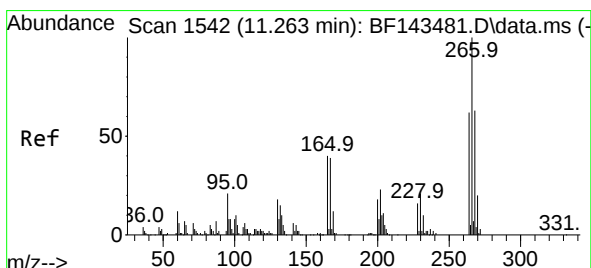
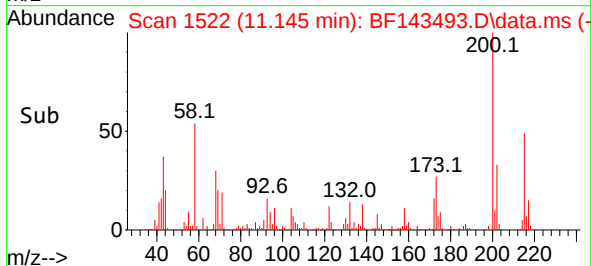
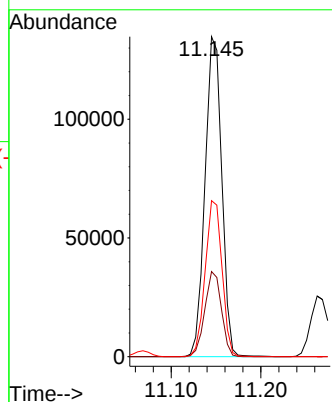
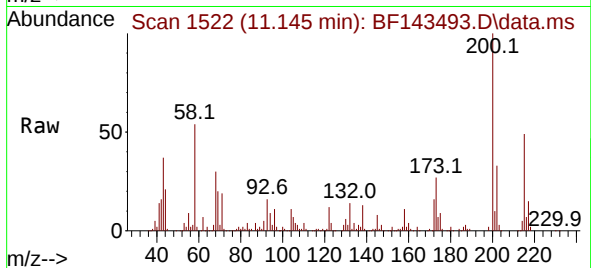
215 48.8 30.0 70.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/21/2025

Supervised By :Jagrut Upadhyay 08/21/2025



#70

Pentachlorophenol

Concen: 96.284 ng

RT: 11.263 min Scan# 1542

Delta R.T. -0.006 min

Lab File: BF143493.D

Acq: 20 Aug 2025 19:10

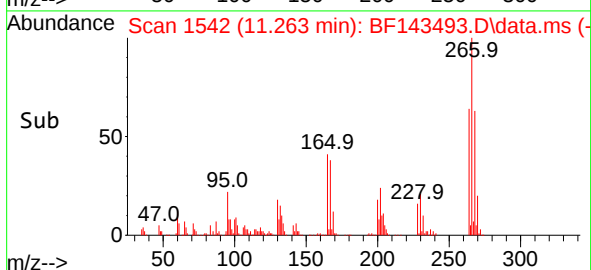
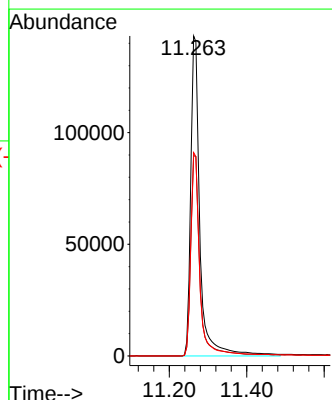
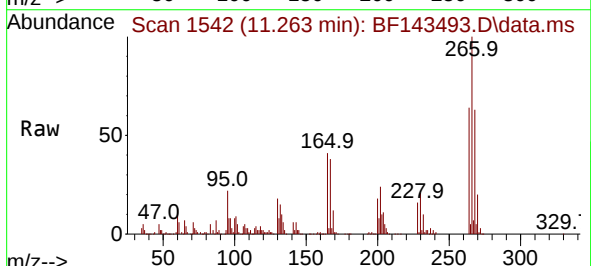
Tgt Ion:266 Resp: 236783

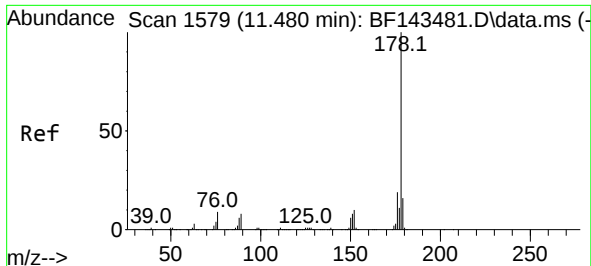
Ion Ratio Lower Upper

266 100

268 62.7 50.5 75.7

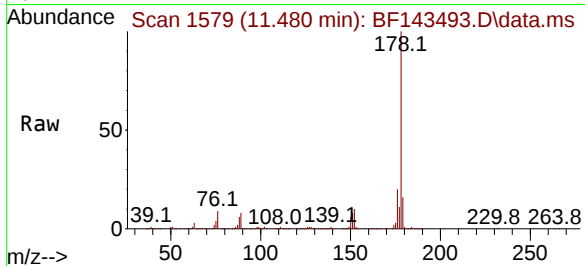
264 63.5 49.8 74.8





#71
Phenanthrene
Concen: 45.292 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

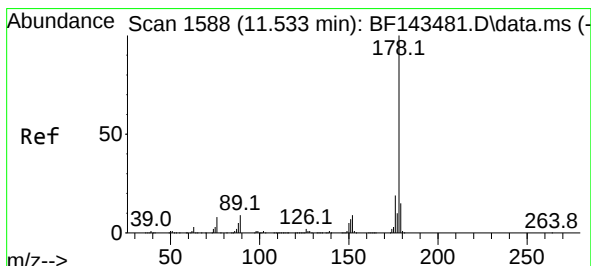
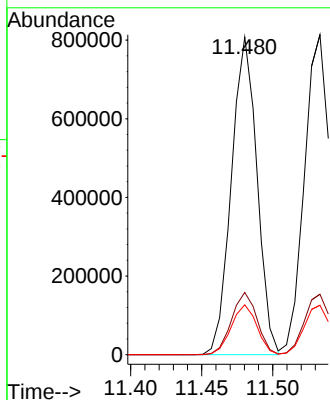
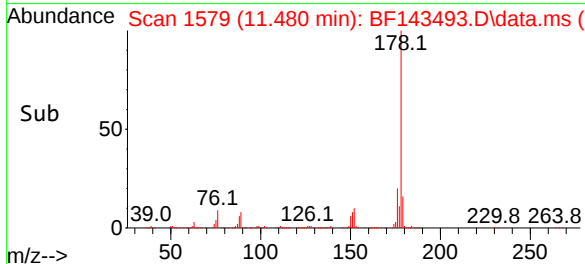
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD



Tgt Ion:178 Resp: 1012630
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.7 12.5 18.7

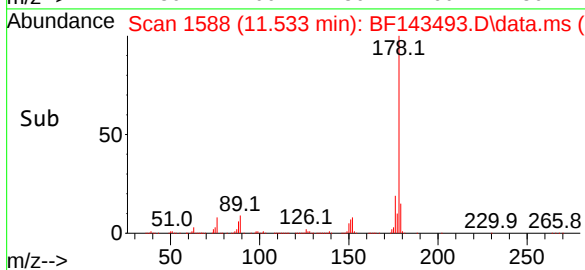
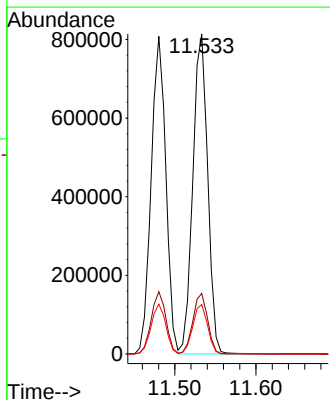
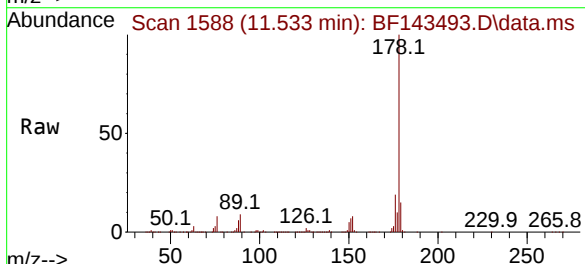
Manual Integrations
APPROVED

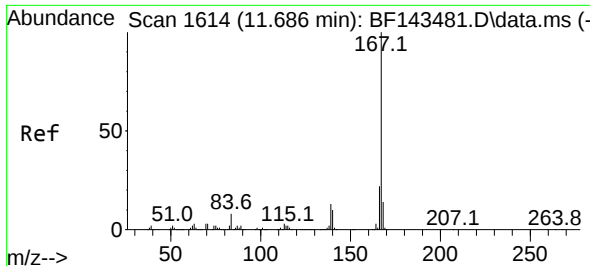
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#72
Anthracene
Concen: 45.711 ng
RT: 11.533 min Scan# 1588
Delta R.T. -0.000 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

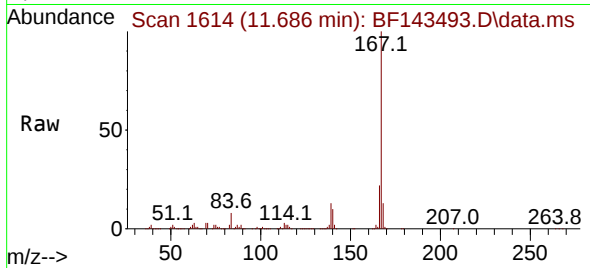
Tgt Ion:178 Resp: 1035343
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.5 12.3 18.5





#73
 Carbazole
 Concen: 44.900 ng
 RT: 11.686 min Scan# 1614
 Delta R.T. -0.000 min
 Lab File: BF143493.D
 Acq: 20 Aug 2025 19:10

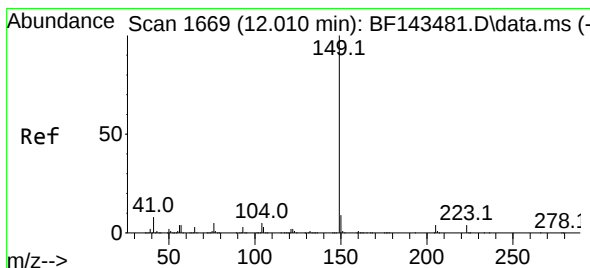
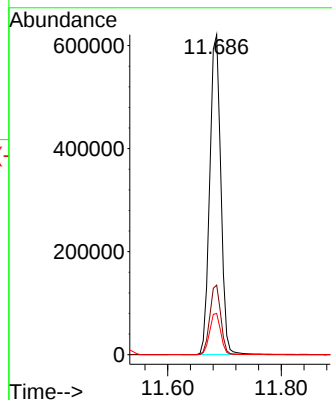
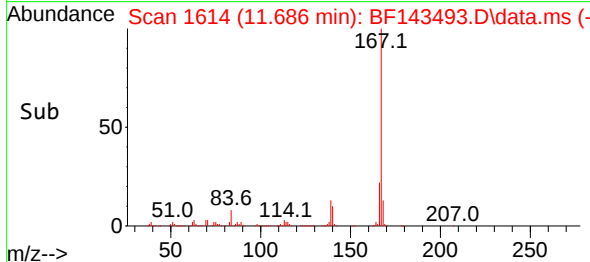
Instrument :
 BNA_F
 ClientSampleId :
 3-FLOOR-SOUTH-EMSD



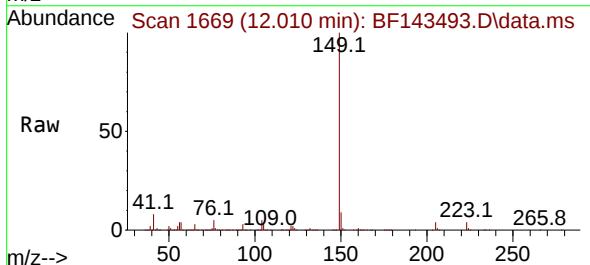
Tgt Ion:167 Resp: 833280
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.3 25.9
 139 12.9 10.0 15.0

Manual Integrations
 APPROVED

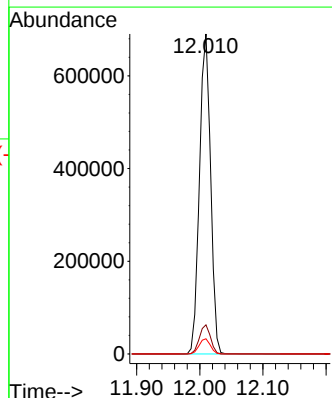
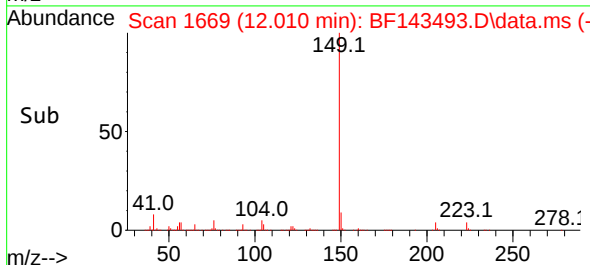
Reviewed By :Rahul Chavli 08/21/2025
 Supervised By :Jagrut Upadhyay 08/21/2025

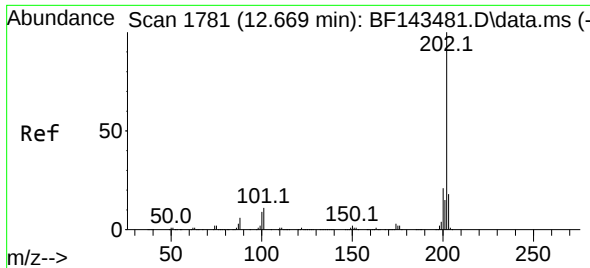


#74
 Di-n-butylphthalate
 Concen: 48.689 ng
 RT: 12.010 min Scan# 1669
 Delta R.T. -0.000 min
 Lab File: BF143493.D
 Acq: 20 Aug 2025 19:10



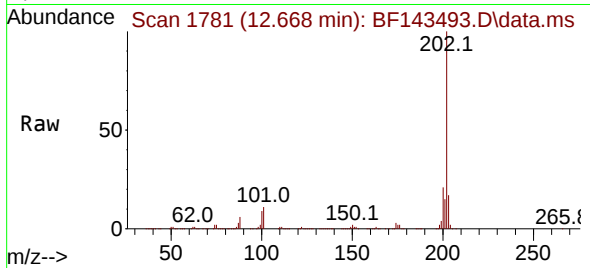
Tgt Ion:149 Resp: 842966
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 4.7 3.6 5.4





#75
Fluoranthene
Concen: 44.006 ng
RT: 12.668 min Scan# 1781
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

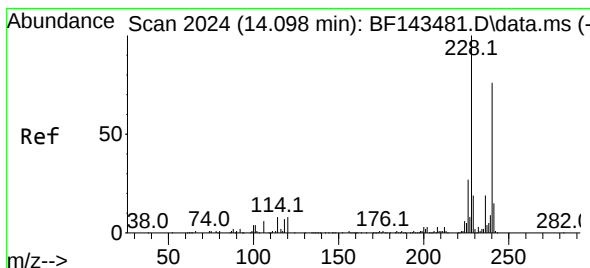
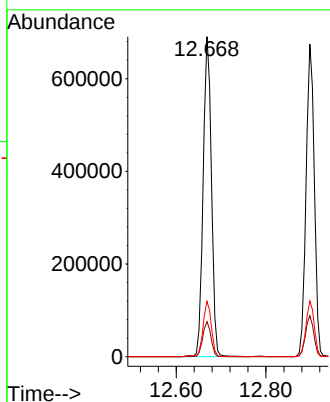
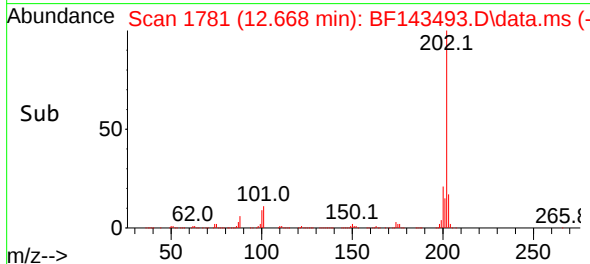
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD



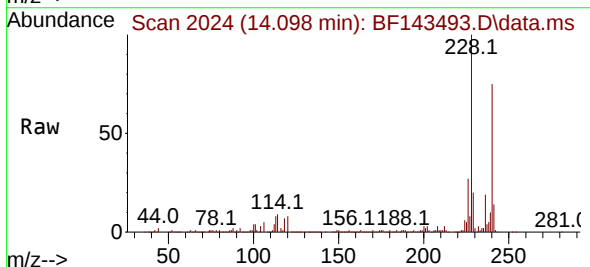
Tgt Ion:202 Resp: 88283
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.3
203 17.3 0.0 37.9

Manual Integrations
APPROVED

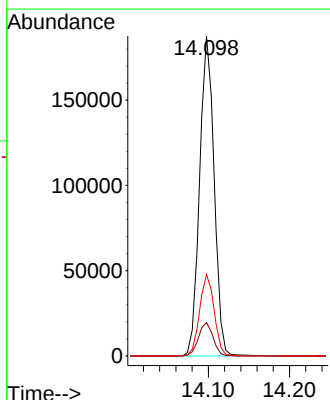
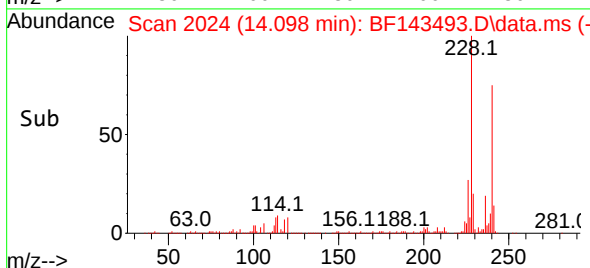
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

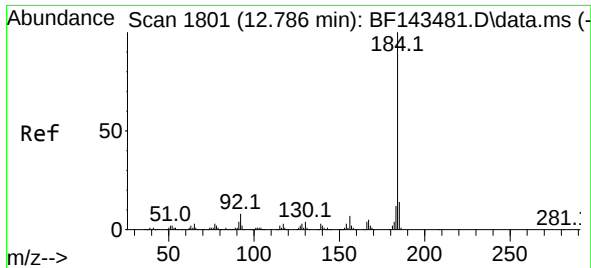


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10



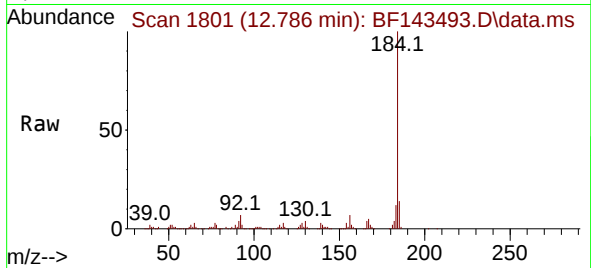
Tgt Ion:240 Resp: 232839
Ion Ratio Lower Upper
240 100
120 10.5 8.6 12.8
236 25.4 20.4 30.6





#77
Benzidine
Concen: 44.669 ng
RT: 12.786 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

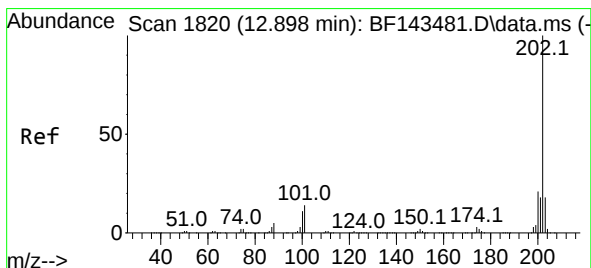
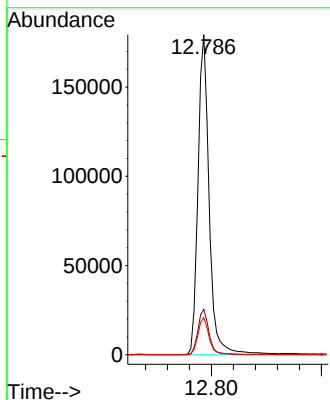
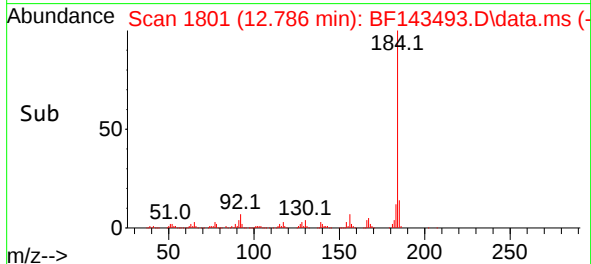
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD



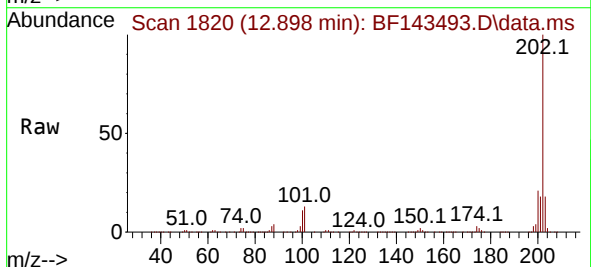
Tgt Ion:184 Resp: 25334
Ion Ratio Lower Upper
184 100
185 14.2 11.3 16.9
183 11.6 9.5 14.3

Manual Integrations
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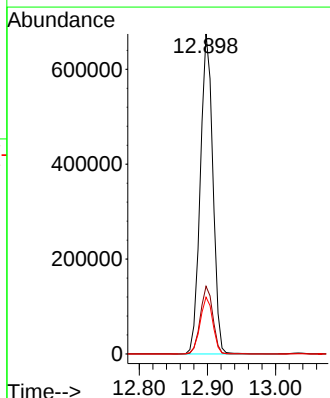
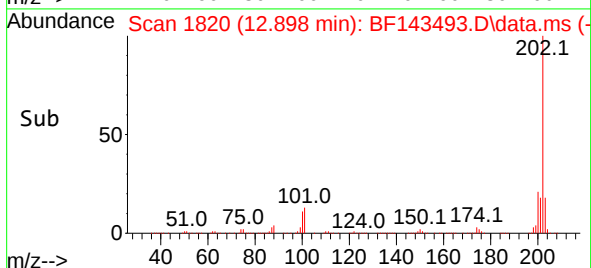
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

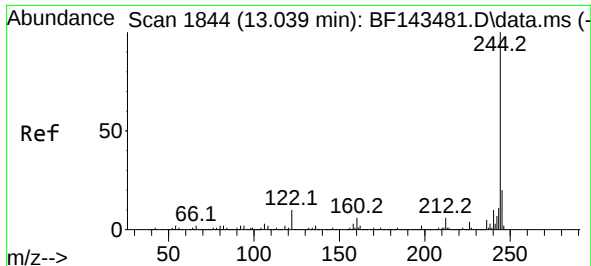


#78
Pyrene
Concen: 45.021 ng
RT: 12.898 min Scan# 1820
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10



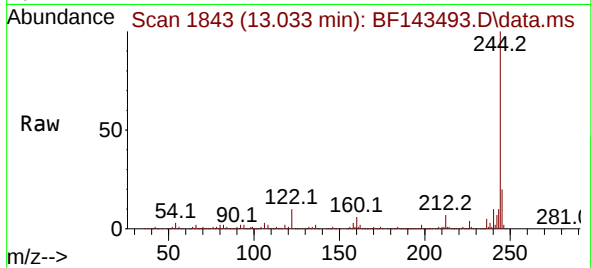
Tgt Ion:202 Resp: 862281
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.8 14.3 21.5





#79
Terphenyl-d14
Concen: 59.925 ng
RT: 13.033 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

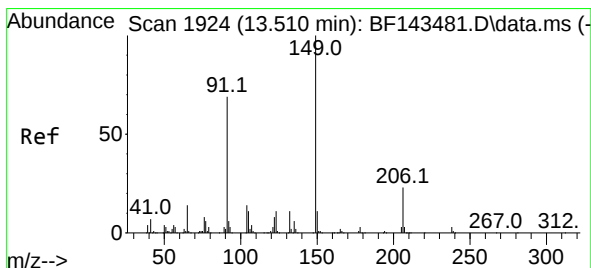
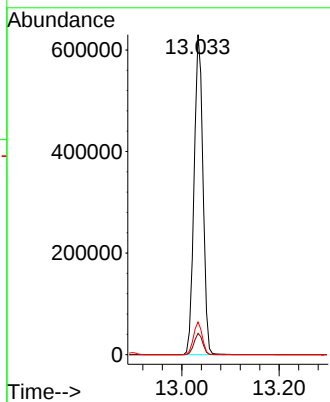
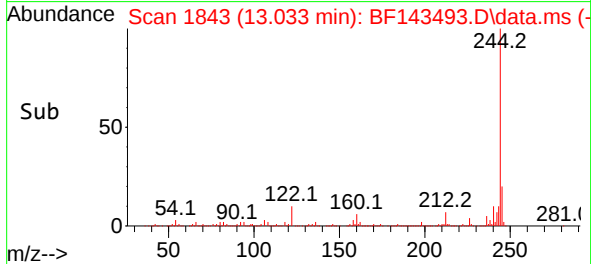
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD



Tgt Ion:244 Resp: 799572
Ion Ratio Lower Upper
244 100
212 6.6 5.2 7.8
122 10.2 7.9 11.9

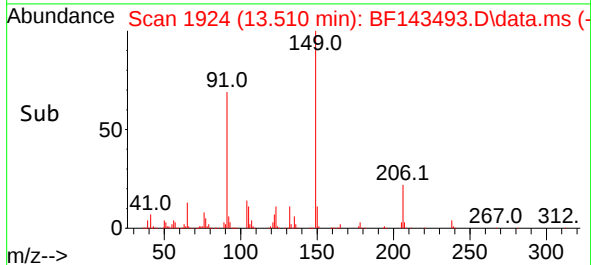
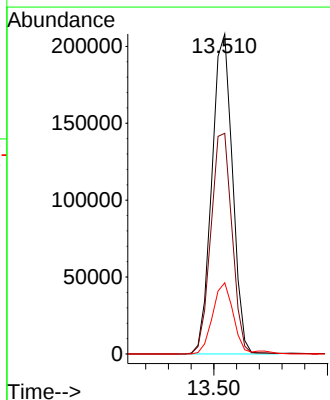
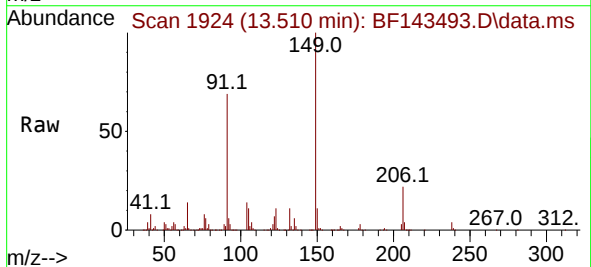
Manual Integrations
APPROVED

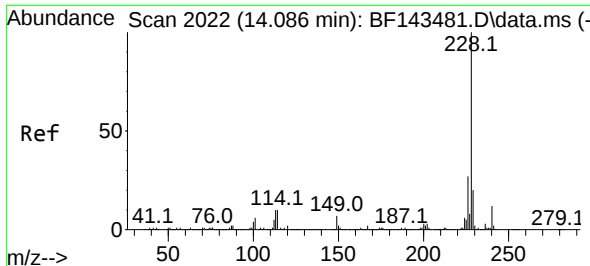
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#80
Butylbenzylphthalate
Concen: 50.240 ng
RT: 13.510 min Scan# 1924
Delta R.T. -0.000 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

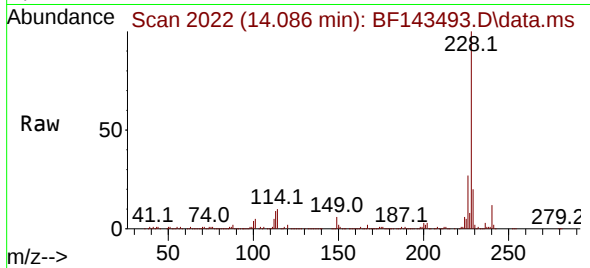
Tgt Ion:149 Resp: 262867
Ion Ratio Lower Upper
149 100
91 69.0 55.3 82.9
206 22.2 18.2 27.4





#81
Benzo(a)anthracene
Concen: 44.930 ng
RT: 14.086 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

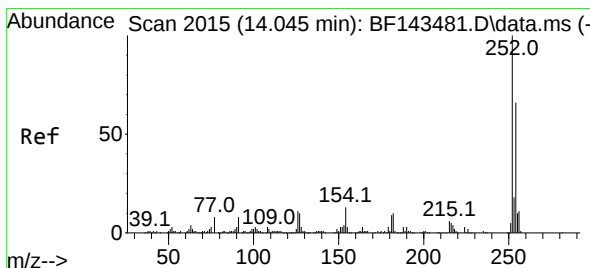
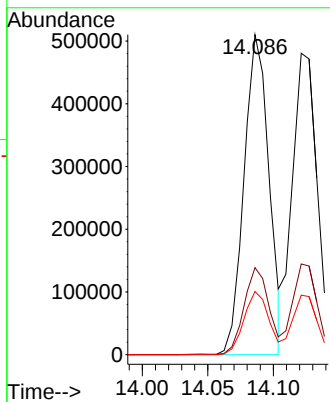
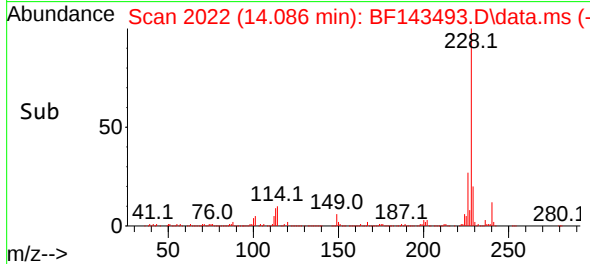
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD



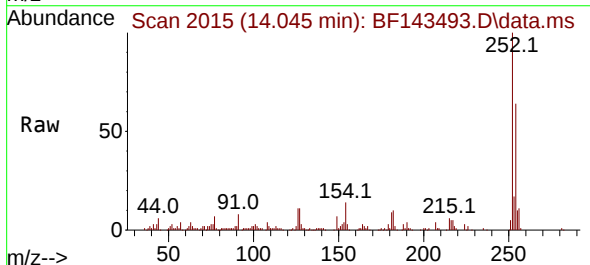
Tgt Ion:228 Resp: 673510
Ion Ratio Lower Upper
228 100
226 27.2 21.7 32.5
229 19.7 15.7 23.5

Manual Integrations
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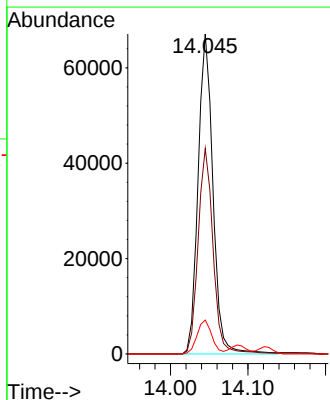
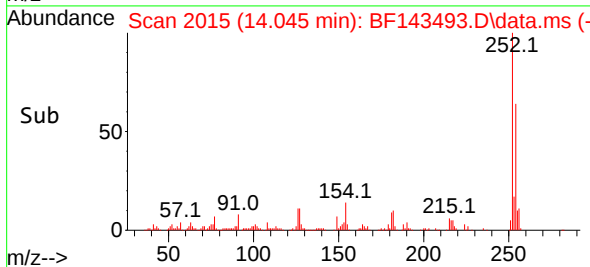
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

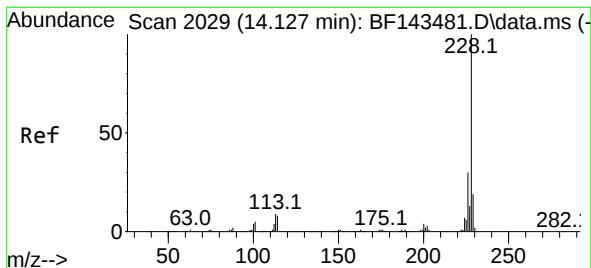


#82
3,3'-Dichlorobenzidine
Concen: 20.841 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10



Tgt Ion:252 Resp: 89469
Ion Ratio Lower Upper
252 100
254 64.2 52.6 79.0
126 10.6 8.7 13.1





#83

Chrysene

Concen: 47.195 ng

RT: 14.121 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF143493.D

Acq: 20 Aug 2025 19:10

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMSD

Tgt Ion:228 Resp: 635770

Ion Ratio Lower Upper

228 100

226 30.1 23.7 35.5

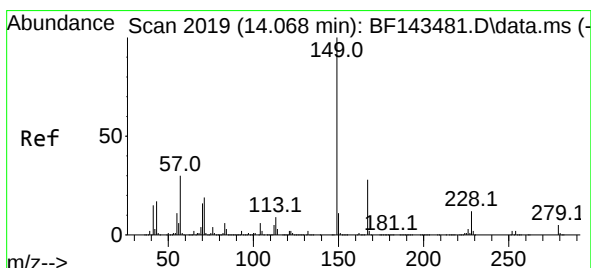
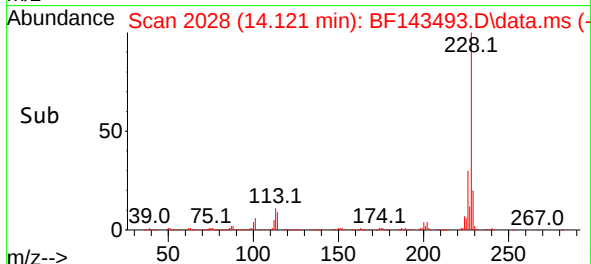
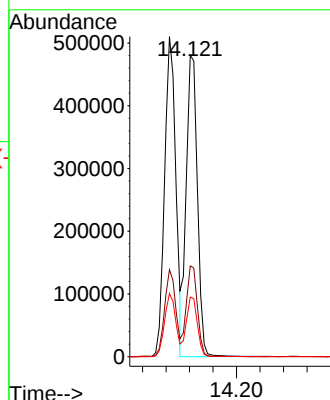
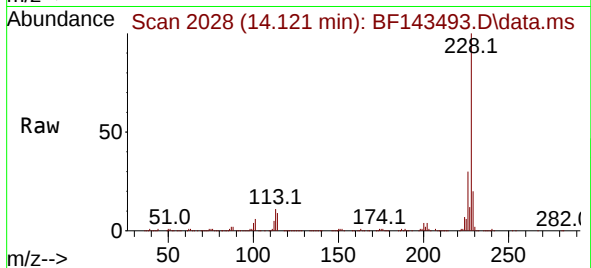
229 19.8 15.7 23.5

Manual Integrations

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Reviewed By :Rahul Chavli 08/21/2025

Supervised By :Jagrut Upadhyay 08/21/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.089 ng

RT: 14.068 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF143493.D

Acq: 20 Aug 2025 19:10

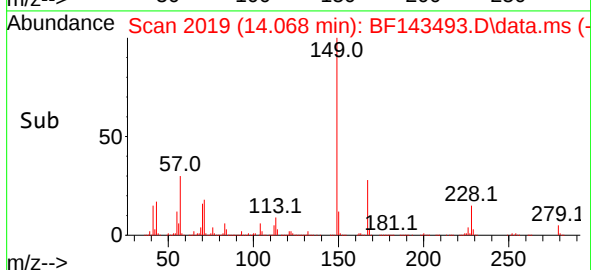
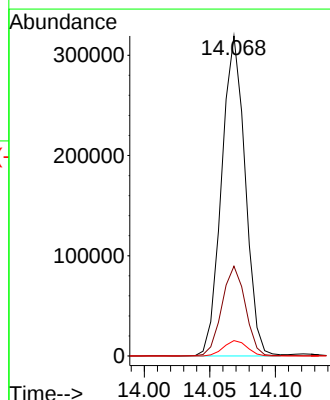
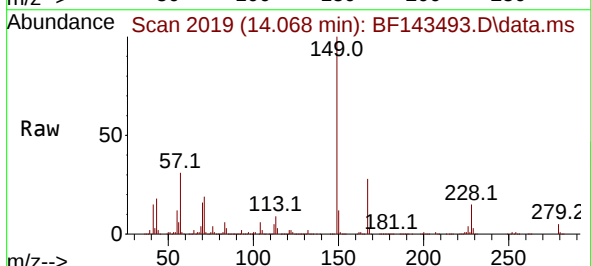
Tgt Ion:149 Resp: 399157

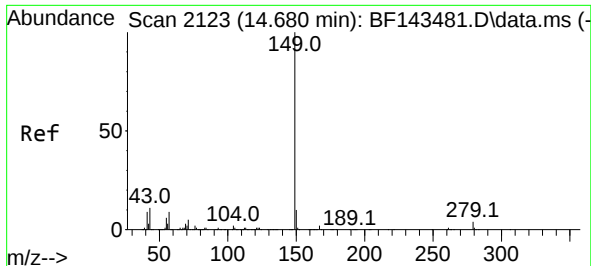
Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.2

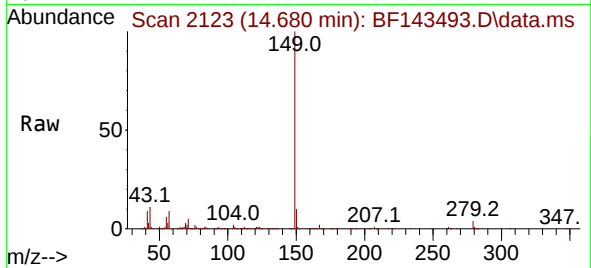
279 4.8 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 50.964 ng
RT: 14.680 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

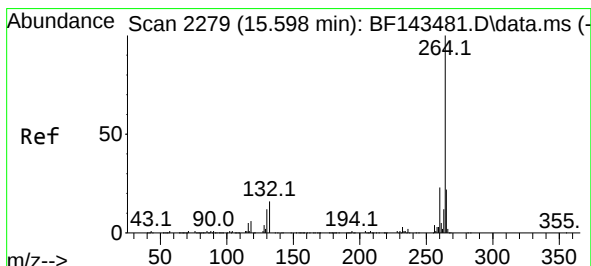
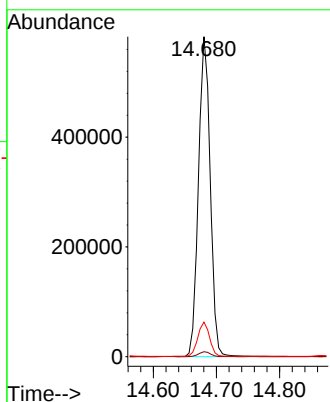
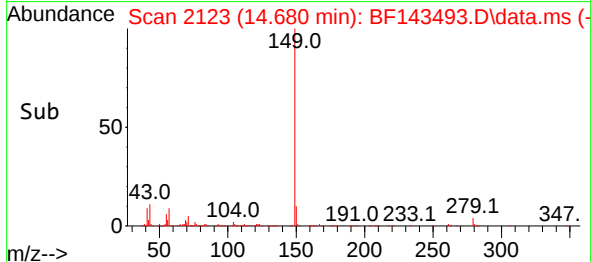
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD



Tgt Ion:149 Resp: 752375
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.8 8.5 12.7

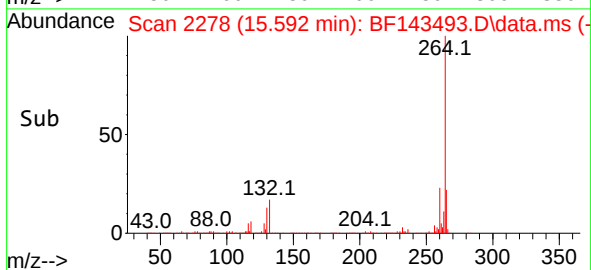
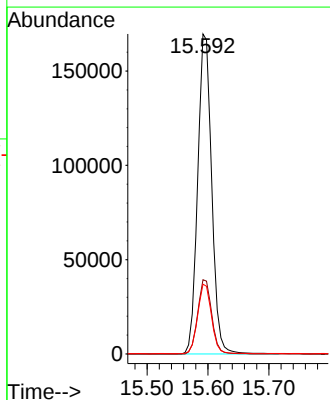
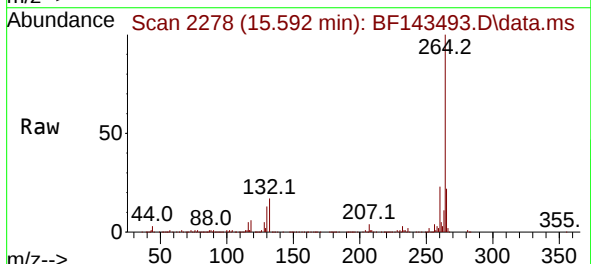
Manual Integrations
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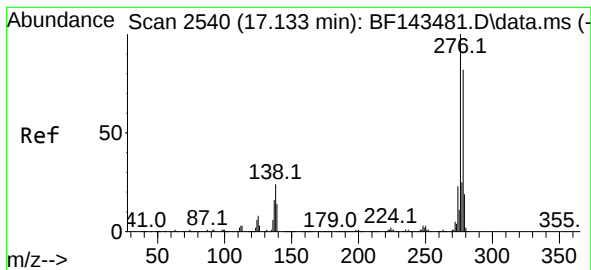
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

Tgt Ion:264 Resp: 271037
Ion Ratio Lower Upper
264 100
260 23.2 18.7 28.1
265 21.8 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.234 ng

RT: 17.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143493.D

Acq: 20 Aug 2025 19:10

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMSD

Tgt Ion:276 Resp: 919952

Ion Ratio Lower Upper

276 100

138 23.9 19.2 28.8

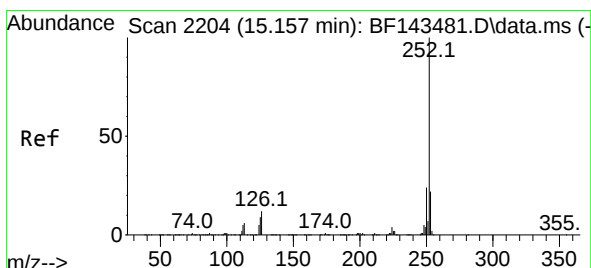
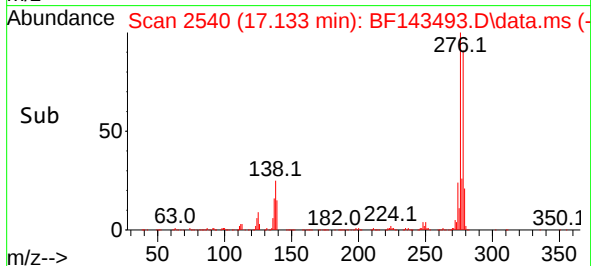
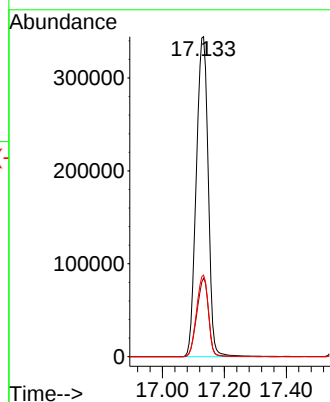
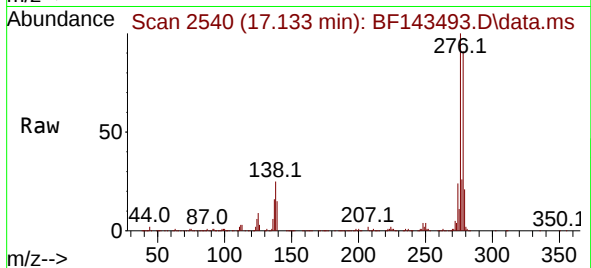
277 25.3 20.3 30.5

Manual Integrations

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Reviewed By :Rahul Chavli 08/21/2025

Supervised By :Jagrut Upadhyay 08/21/2025



#88

Benzo(b)fluoranthene

Concen: 47.907 ng

RT: 15.156 min Scan# 2204

Delta R.T. -0.000 min

Lab File: BF143493.D

Acq: 20 Aug 2025 19:10

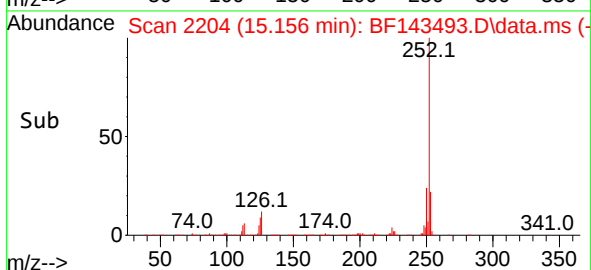
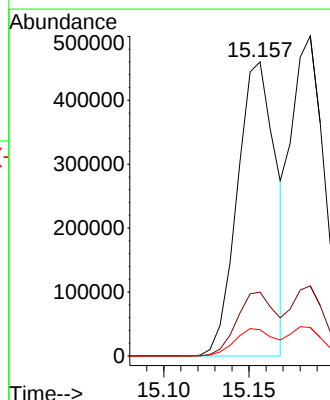
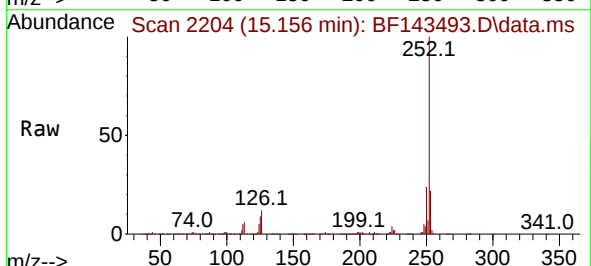
Tgt Ion:252 Resp: 721765

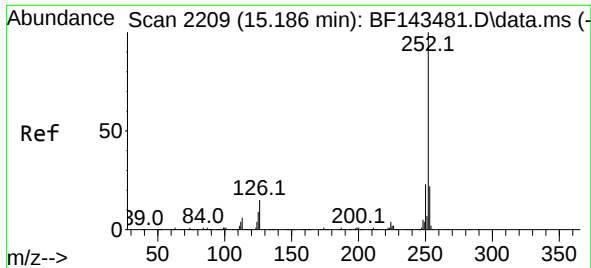
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

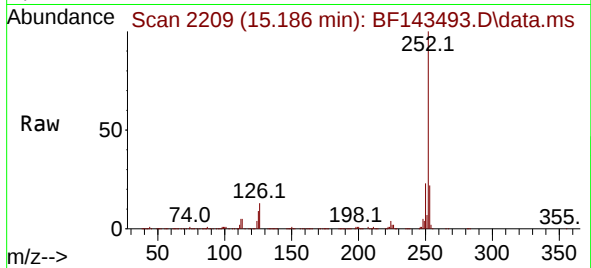
125 8.9 7.4 11.0





#89
Benzo(k)fluoranthene
Concen: 47.355 ng
RT: 15.186 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

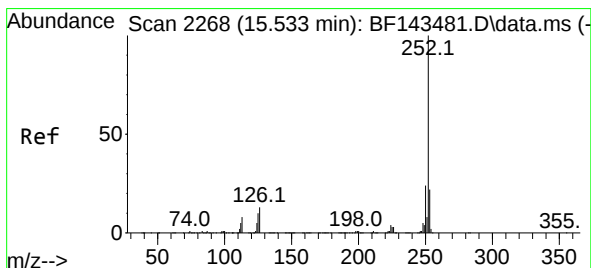
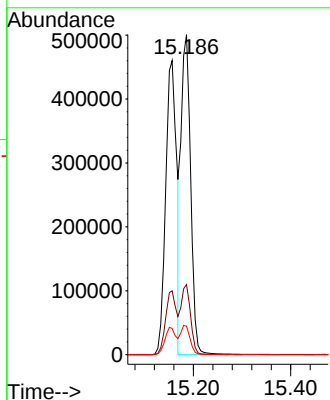
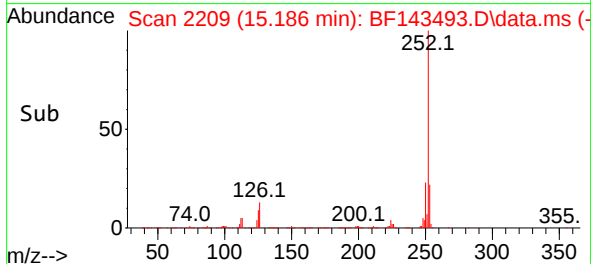
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD



Tgt Ion:252 Resp: 68310
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 8.9 7.4 11.0

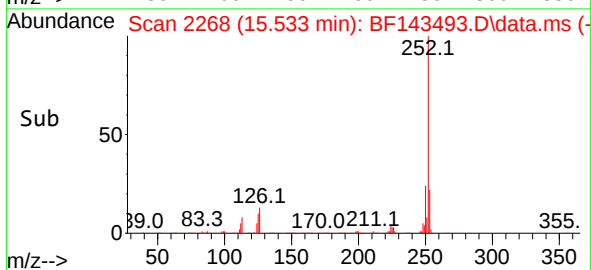
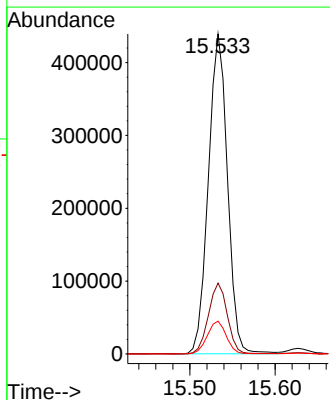
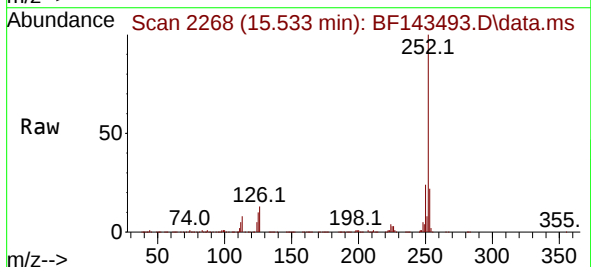
Manual Integrations
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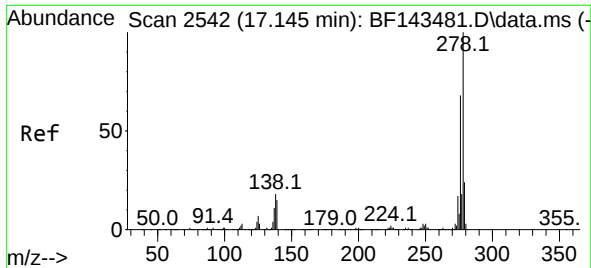
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#90
Benzo(a)pyrene
Concen: 49.087 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

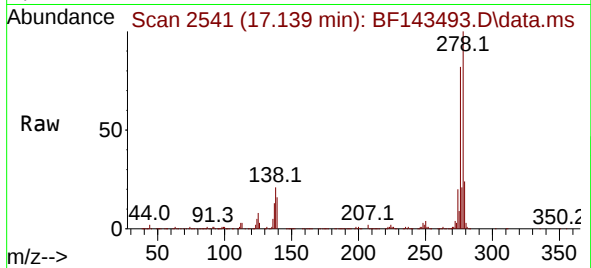
Tgt Ion:252 Resp: 686454
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 10.2 8.2 12.2





#91
Dibenzo(a,h)anthracene
Concen: 47.906 ng
RT: 17.139 min Scan# 2541
Delta R.T. -0.018 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

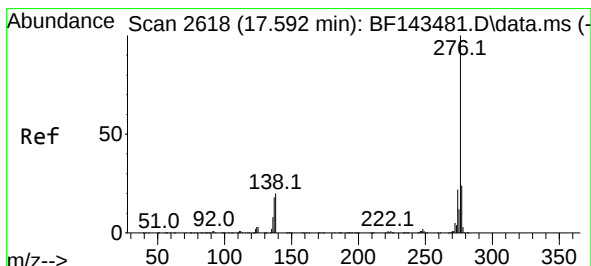
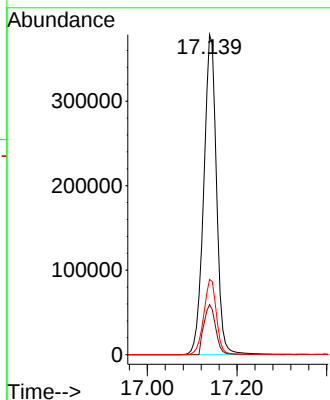
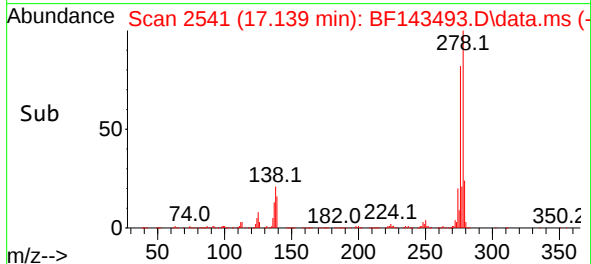
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD



Tgt Ion:278 Resp: 747260
Ion Ratio Lower Upper
278 100
139 15.6 12.1 18.1
279 23.5 19.2 28.8

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#92
Benzo(g,h,i)perylene
Concen: 48.575 ng
RT: 17.592 min Scan# 2618
Delta R.T. -0.012 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

Tgt Ion:276 Resp: 753417
Ion Ratio Lower Upper
276 100
277 23.9 18.9 28.3
138 20.6 16.3 24.5

