

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
 Data File : BF143492.D
 Acq On : 20 Aug 2025 18:41
 Operator : RC/JU
 Sample : Q2892-10MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Aug 21 06:28:53 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	138486	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	530660	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	284361	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	443017	20.000	ng	0.00
76) Chrysene-d12	14.098	240	247894	20.000	ng	0.00
86) Perylene-d12	15.598	264	280470	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	619739	78.142	ng	0.00
7) Phenol-d6	6.563	99	773341	78.991	ng	-0.01
23) Nitrobenzene-d5	7.487	82	503827	55.404	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	214430	81.009	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	994620	57.806	ng	0.00
79) Terphenyl-d14	13.033	244	849472	59.798	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.840	88	150504	40.965	ng	98
3) Pyridine	3.599	79	404586	41.346	ng	99
4) n-Nitrosodimethylamine	3.546	42	210739	47.906	ng	98
6) Aniline	6.587	93	432309	33.036	ng	# 73
8) 2-Chlorophenol	6.716	128	395486	45.148	ng	100
9) Benzaldehyde	6.475	77	210673	26.579	ng	98
10) Phenol	6.581	94	500901	44.412	ng	98
11) bis(2-Chloroethyl)ether	6.657	93	378662	44.928	ng	99
12) 1,3-Dichlorobenzene	6.869	146	439111	44.615	ng	100
13) 1,4-Dichlorobenzene	6.945	146	448753	45.453	ng	100
14) 1,2-Dichlorobenzene	7.098	146	433301	46.354	ng	100
15) Benzyl Alcohol	7.069	79	348089	47.489	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.198	45	625876	46.417	ng	99
17) 2-Methylphenol	7.181	107	325616	46.314	ng	96
18) Hexachloroethane	7.440	117	152008	45.284	ng	98
19) n-Nitroso-di-n-propyla...	7.340	70	273893	45.771	ng	100
20) 3+4-Methylphenols	7.334	107	376603	44.872	ng	98
22) Acetophenone	7.334	105	521008	45.445	ng	99
24) Nitrobenzene	7.504	77	428108	45.741	ng	99
25) Isophorone	7.745	82	775775	46.538	ng	100
26) 2-Nitrophenol	7.822	139	216907	47.311	ng	97
27) 2,4-Dimethylphenol	7.863	122	346068	48.423	ng	99
28) bis(2-Chloroethoxy)met...	7.951	93	468202	45.703	ng	100
29) 2,4-Dichlorophenol	8.069	162	344797	45.173	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	370927	47.266	ng	99
31) Naphthalene	8.234	128	1117420	43.860	ng	99
32) Benzoic acid	7.992	122	170930	42.795	ng	99
33) 4-Chloroaniline	8.275	127	158685	17.549	ng	99
34) Hexachlorobutadiene	8.351	225	228725	44.673	ng	99
35) Caprolactam	8.651	113	93219m	50.895	ng	
36) 4-Chloro-3-methylphenol	8.769	107	347113	45.379	ng	100
37) 2-Methylnaphthalene	8.922	142	682671	40.120	ng	99
38) 1-Methylnaphthalene	9.022	142	701912	43.125	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	362718	44.594	ng	99
41) Hexachlorocyclopentadiene	9.081	237	388369	119.431	ng	100
43) 2,4,6-Trichlorophenol	9.204	196	237284	47.410	ng	98

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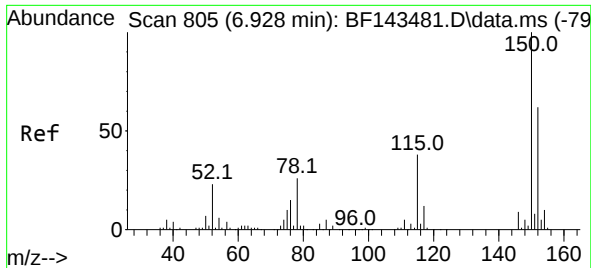
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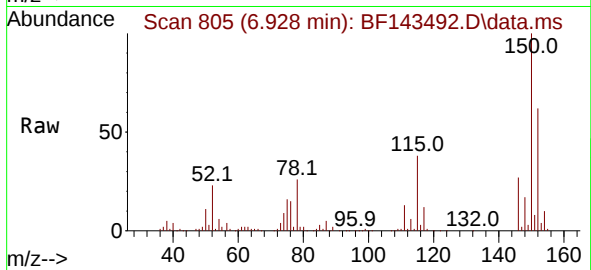
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	250079	45.743	ng	99
46) 1,1'-Biphenyl	9.386	154	910218	45.097	ng	100
47) 2-Chloronaphthalene	9.410	162	701460	44.294	ng	99
48) 2-Nitroaniline	9.504	65	217562	46.942	ng	99
49) Acenaphthylene	9.828	152	1132543	49.946	ng	100
50) Dimethylphthalate	9.686	163	802514	46.858	ng	100
51) 2,6-Dinitrotoluene	9.745	165	181275	51.070	ng	98
52) Acenaphthene	10.004	154	730967	47.479	ng	99
53) 3-Nitroaniline	9.916	138	105824	27.591	ng	98
54) 2,4-Dinitrophenol	10.028	184	159570	83.794	ng	96
55) Dibenzofuran	10.175	168	977587	44.537	ng	99
56) 4-Nitrophenol	10.086	139	224646	98.437	ng	94
57) 2,4-Dinitrotoluene	10.151	165	241903	51.040	ng	96
58) Fluorene	10.516	166	757478	44.838	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	210511	51.829	ng	98
60) Diethylphthalate	10.381	149	728414	47.439	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	379778	44.951	ng	99
62) 4-Nitroaniline	10.533	138	166777	47.340	ng	98
63) Azobenzene	10.663	77	801156	50.320	ng	99
65) 4,6-Dinitro-2-methylph...	10.563	198	123949	49.621	ng	95
66) n-Nitrosodiphenylamine	10.622	169	644412	45.199	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	244641	46.282	ng	96
68) Hexachlorobenzene	11.069	284	259928	45.619	ng	99
69) Atrazine	11.145	200	181980	49.447	ng	99
70) Pentachlorophenol	11.263	266	250868	96.136	ng	99
71) Phenanthrene	11.480	178	1058088	44.599	ng	100
72) Anthracene	11.533	178	1091560	45.418	ng	100
73) Carbazole	11.686	167	890583	45.223	ng	99
74) Di-n-butylphthalate	12.010	149	920596	50.110	ng	99
75) Fluoranthene	12.669	202	935114	43.927	ng	100
77) Benzidine	12.786	184	266782	44.181	ng	99
78) Pyrene	12.898	202	920612	45.148	ng	100
80) Butylbenzylphthalate	13.510	149	276711	49.674	ng	100
81) Benzo(a)anthracene	14.086	228	756171	47.380	ng	99
82) 3,3'-Dichlorobenzidine	14.045	252	92641	20.269	ng	98
83) Chrysene	14.127	228	621651	43.344	ng	100
84) Bis(2-ethylhexyl)phtha...	14.069	149	409766	48.297	ng	100
85) Di-n-octyl phthalate	14.680	149	748067	47.595	ng	100
87) Indeno(1,2,3-cd)pyrene	17.133	276	927072	45.998	ng	100
88) Benzo(b)fluoranthene	15.157	252	731867	46.944	ng	100
89) Benzo(k)fluoranthene	15.186	252	710877	47.624	ng	100
90) Benzo(a)pyrene	15.533	252	719793	49.740	ng	100
91) Dibenzo(a,h)anthracene	17.145	278	750429	46.491	ng	100
92) Benzo(g,h,i)perylene	17.592	276	758815	47.277	ng	100

(#) = 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: BF143492.D
 Acq: 20 Aug 2025 18:41

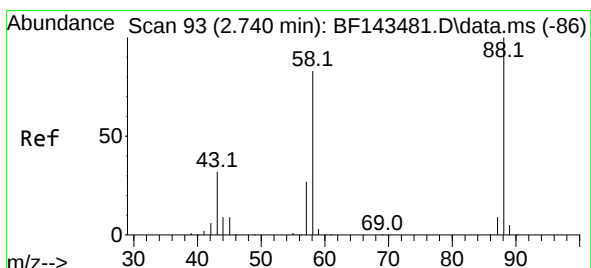
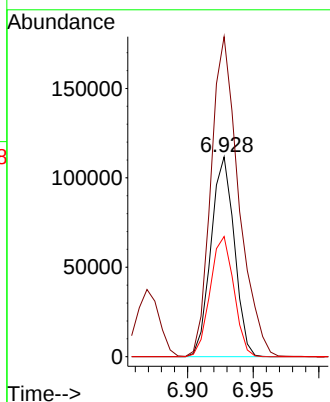
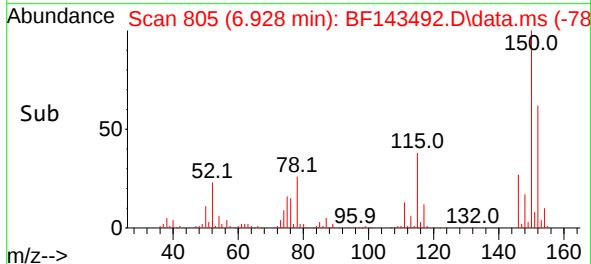
Instrument :
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Tgt Ion: 152 Resp: 138480
 Ion Ratio Lower Upper
 152 100
 150 160.1 128.9 193.3
 115 60.1 49.2 73.8

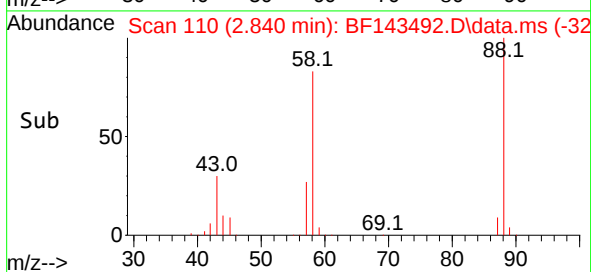
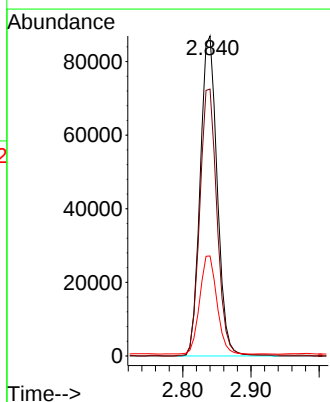
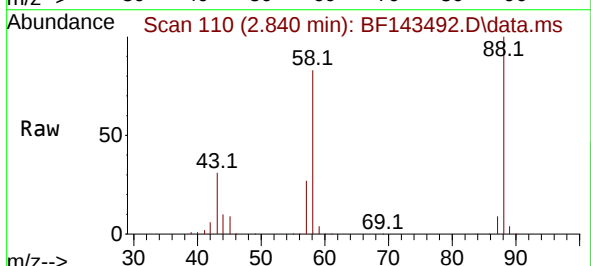
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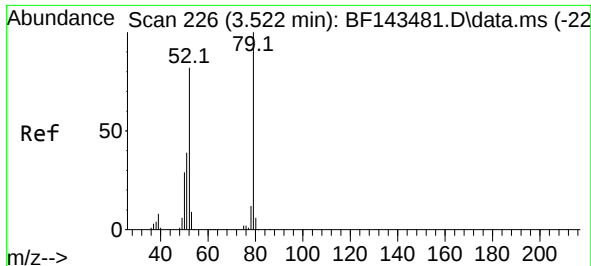
Reviewed By :Rahul Chavli 08/21/2025
 Supervised By :Jagrut Upadhyay 08/21/2025



#2
 1,4-Dioxane
 Concen: 40.965 ng
 RT: 2.840 min Scan# 110
 Delta R.T. 0.106 min
 Lab File: BF143492.D
 Acq: 20 Aug 2025 18:41

Tgt Ion: 88 Resp: 150504
 Ion Ratio Lower Upper
 88 100
 58 85.2 66.7 100.1
 43 30.9 25.8 38.8





#3

Pyridine

Concen: 41.346 ng

RT: 3.599 min Scan# 21

Delta R.T. 0.082 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMS

Tgt Ion: 79 Resp: 404580

Ion Ratio Lower Upper

79 100

52 81.1 65.6 98.4

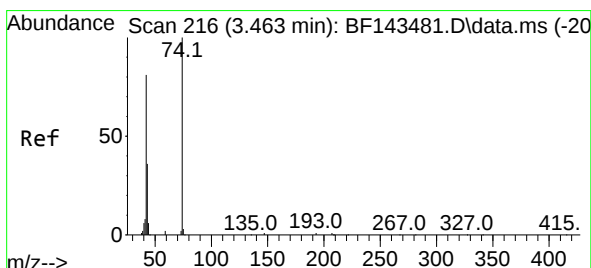
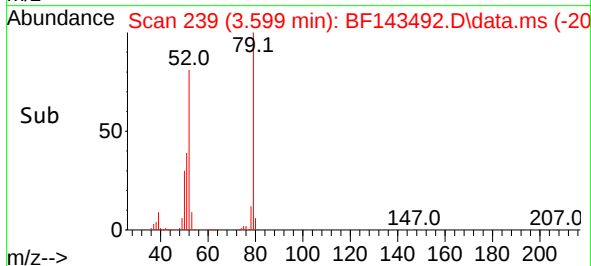
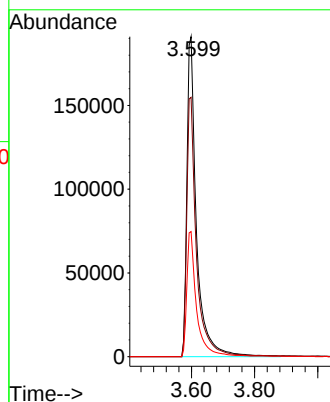
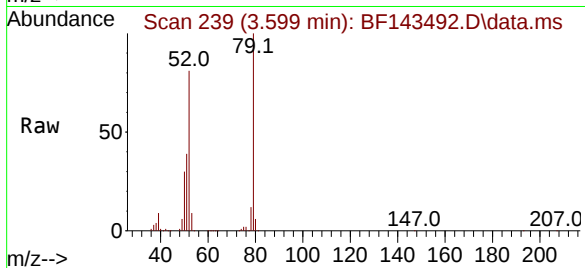
51 39.1 31.2 46.8

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 47.906 ng

RT: 3.546 min Scan# 230

Delta R.T. 0.071 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

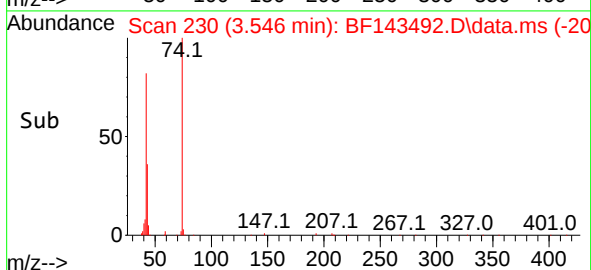
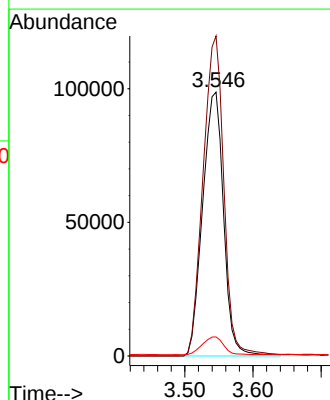
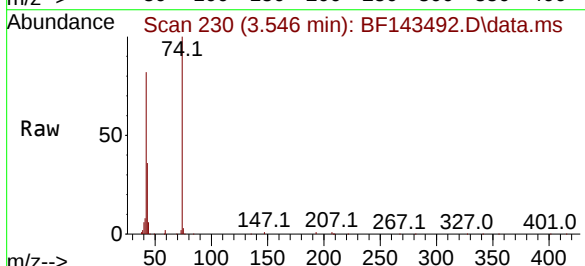
Tgt Ion: 42 Resp: 210739

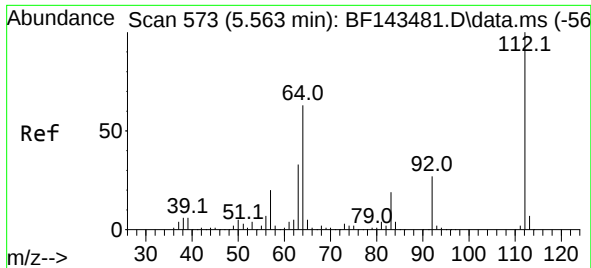
Ion Ratio Lower Upper

42 100

74 121.3 98.6 148.0

44 7.2 5.8 8.8





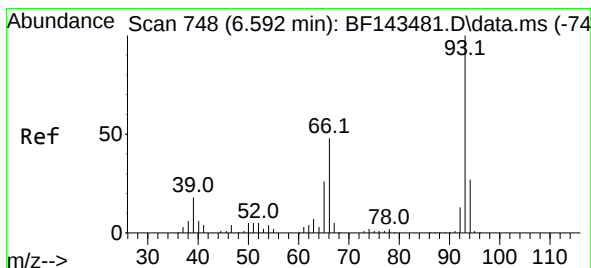
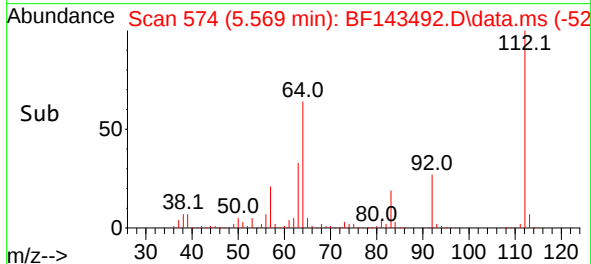
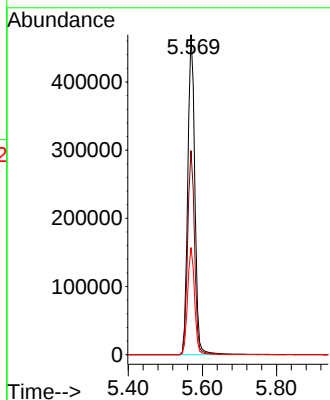
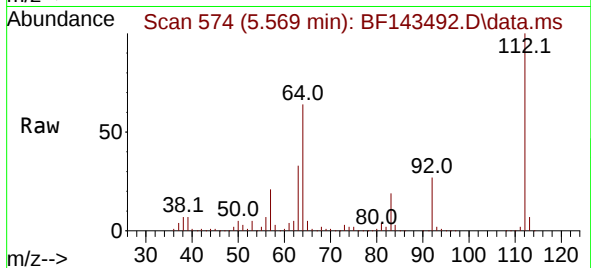
#5
2-Fluorophenol
Concen: 78.142 ng
RT: 5.569 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF143492.D
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Tgt Ion:112 Resp: 619739
Ion Ratio Lower Upper
112 100
64 63.8 50.4 75.6
63 33.5 26.4 39.6

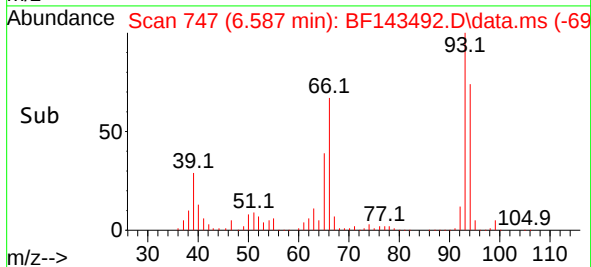
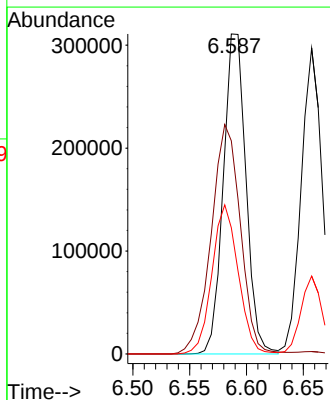
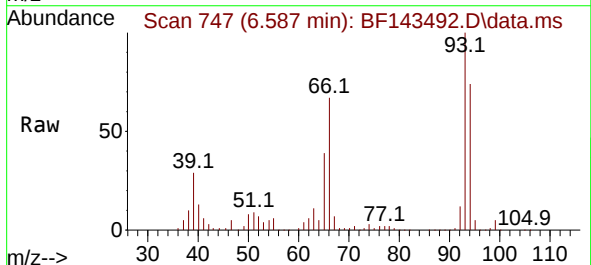
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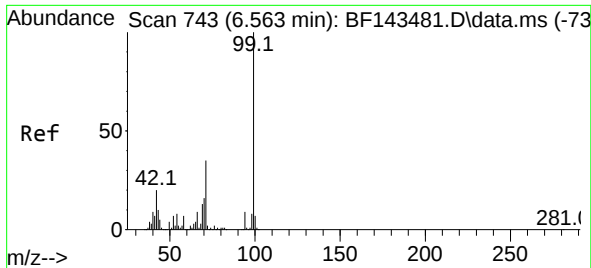
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#6
Aniline
Concen: 33.036 ng
RT: 6.587 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

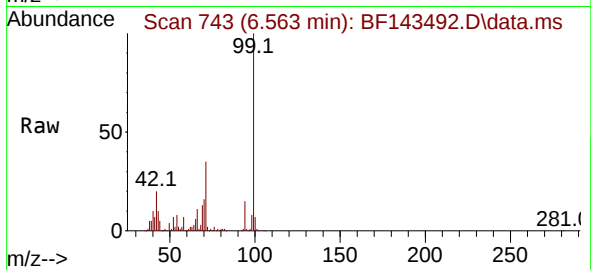
Tgt Ion: 93 Resp: 432309
Ion Ratio Lower Upper
93 100
66 66.6 38.9 58.3#
65 39.4 20.6 30.8#





#7
Phenol-d6
Concen: 78.991 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.012 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

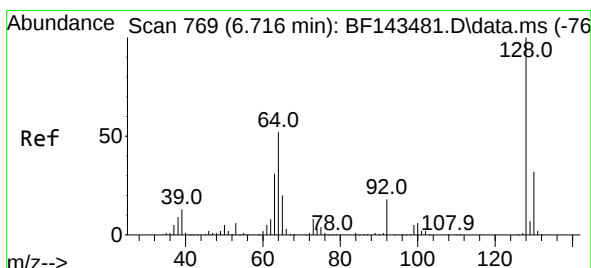
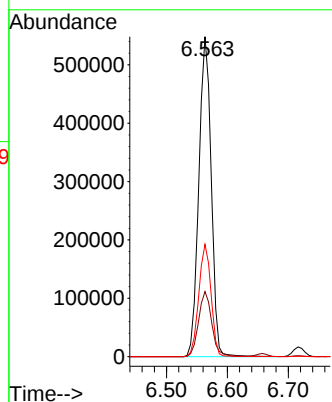
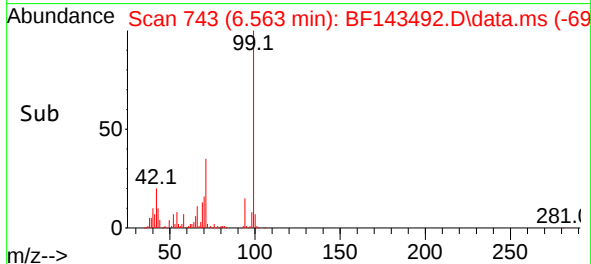
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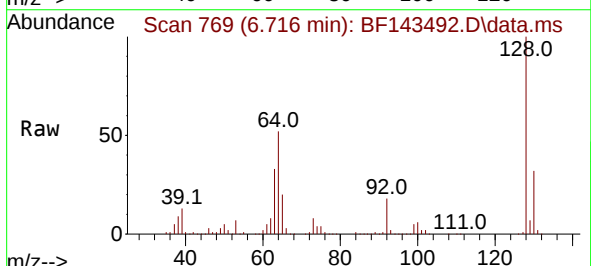
Tgt Ion: 99 Resp: 77334
Ion Ratio Lower Upper
99 100
42 20.3 16.3 24.5
71 35.1 28.2 42.2

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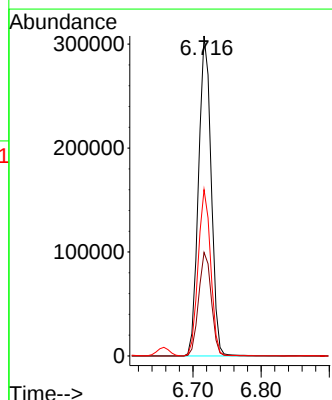
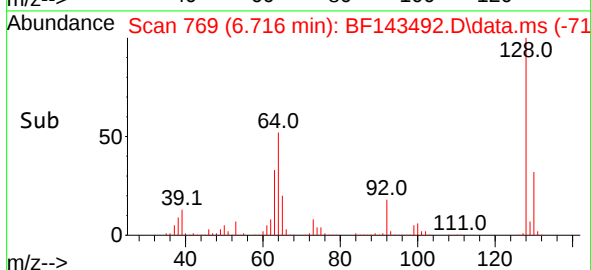
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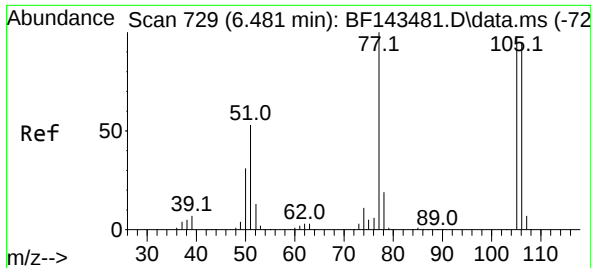


#8
2-Chlorophenol
Concen: 45.148 ng
RT: 6.716 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41



Tgt Ion:128 Resp: 395486
Ion Ratio Lower Upper
128 100
130 32.3 12.4 52.4
64 52.0 31.6 71.6





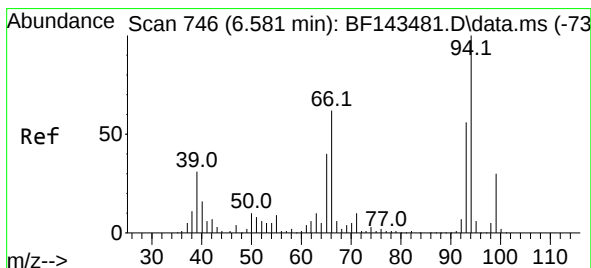
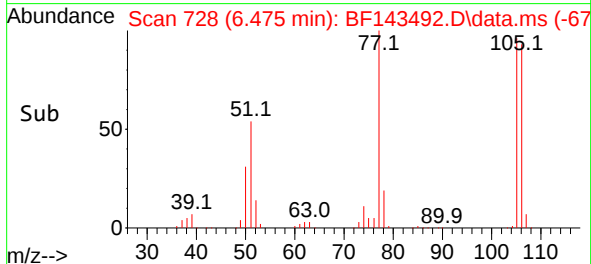
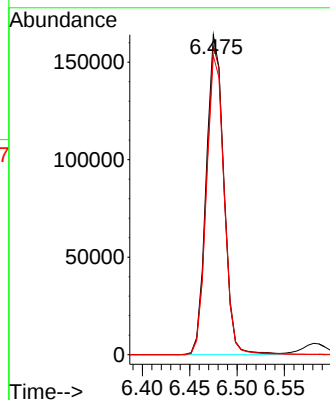
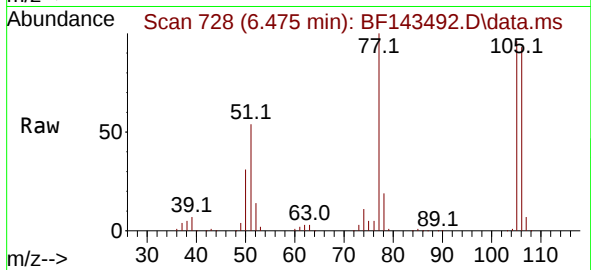
#9
Benzaldehyde
Concen: 26.579 ng
RT: 6.475 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143492.D
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Tgt Ion: 77 Resp: 21067
Ion Ratio Lower Upper
77 100
105 96.5 78.1 118.1
106 93.5 74.9 114.9

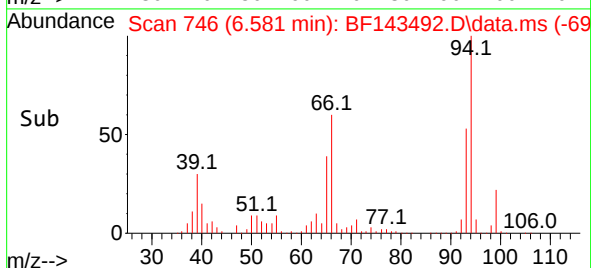
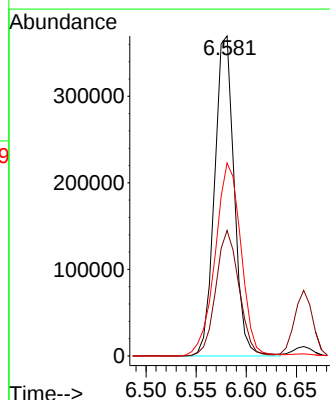
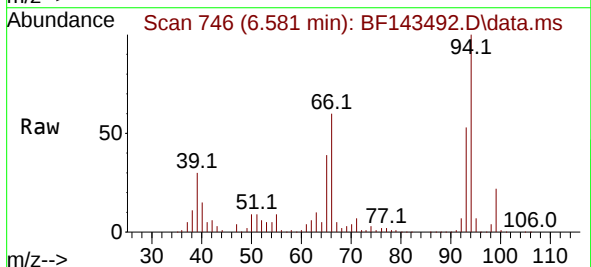
Manual Integrations
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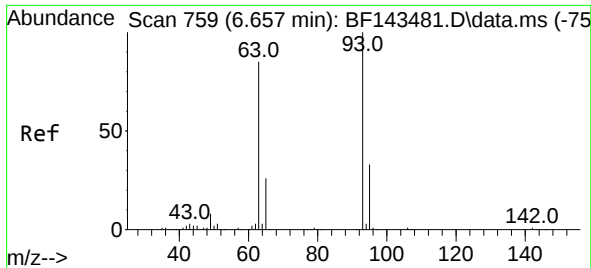
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#10
Phenol
Concen: 44.412 ng
RT: 6.581 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

Tgt Ion: 94 Resp: 500901
Ion Ratio Lower Upper
94 100
65 39.2 19.5 59.5
66 60.3 42.5 82.5





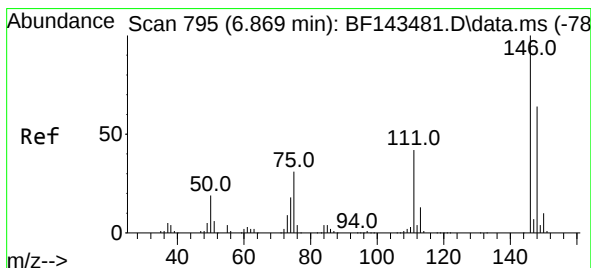
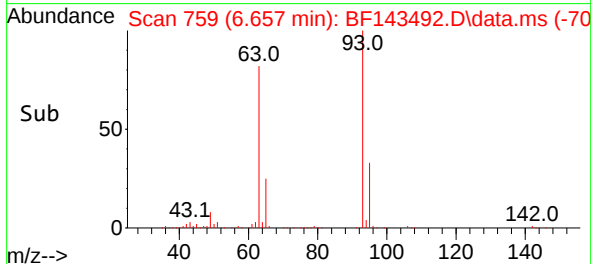
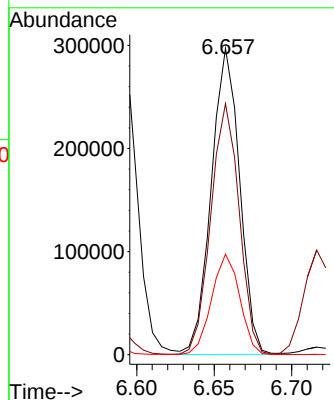
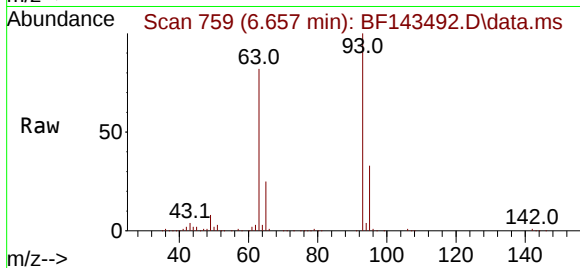
#11
bis(2-Chloroethyl)ether
Concen: 44.928 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

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

Tgt Ion: 93 Resp: 378662
Ion Ratio Lower Upper
93 100
63 82.0 63.6 103.6
95 32.8 12.8 52.8

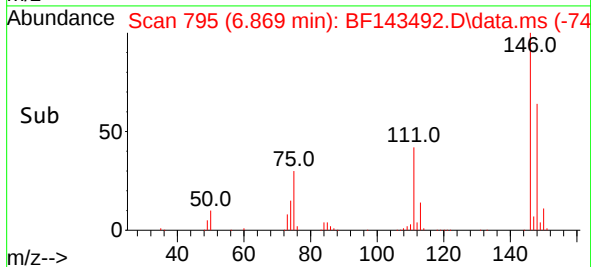
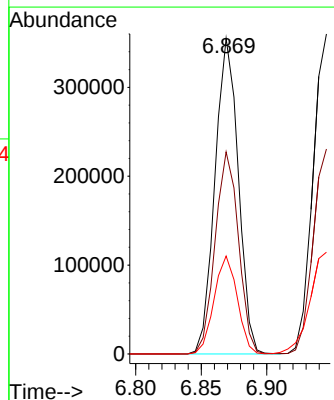
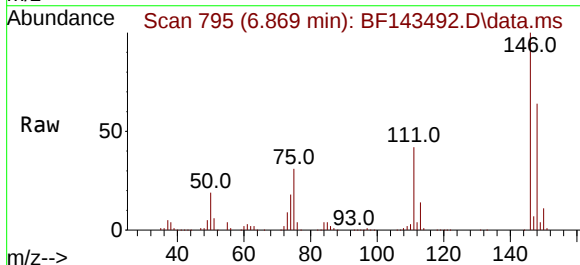
Manual Integrations
APPROVED

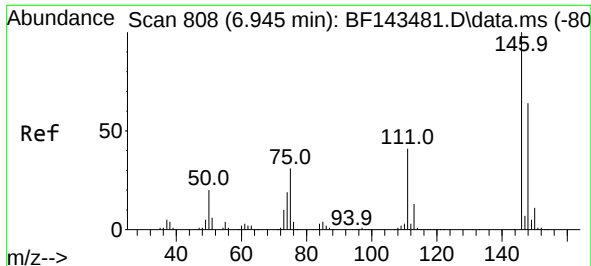
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#12
1,3-Dichlorobenzene
Concen: 44.615 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

Tgt Ion:146 Resp: 439111
Ion Ratio Lower Upper
146 100
148 64.0 51.3 76.9
75 31.0 24.7 37.1





#13

1,4-Dichlorobenzene

Concen: 45.453 ng

RT: 6.945 min Scan# 808

Delta R.T. 0.000 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMS

Tgt Ion:146 Resp: 44875

Ion Ratio Lower Upper

146 100

148 64.1 51.5 77.3

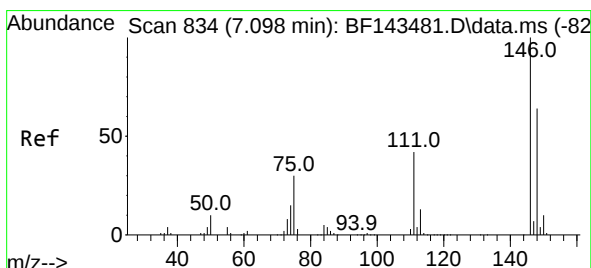
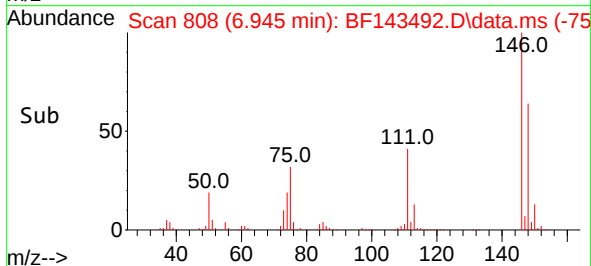
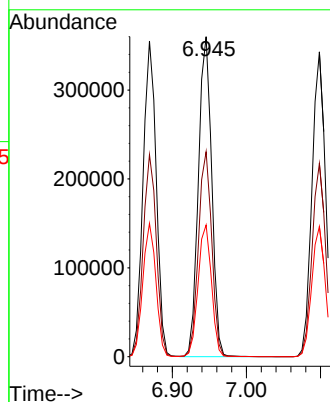
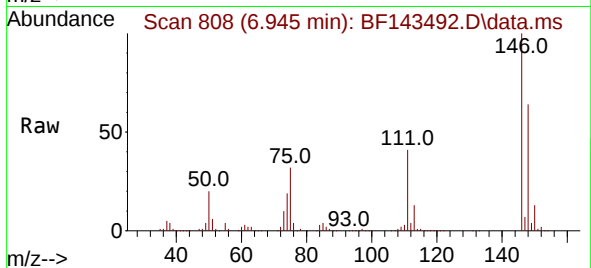
111 41.2 32.6 49.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/21/2025

Supervised By :Jagrut Upadhyay 08/21/2025



#14

1,2-Dichlorobenzene

Concen: 46.354 ng

RT: 7.098 min Scan# 834

Delta R.T. 0.000 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

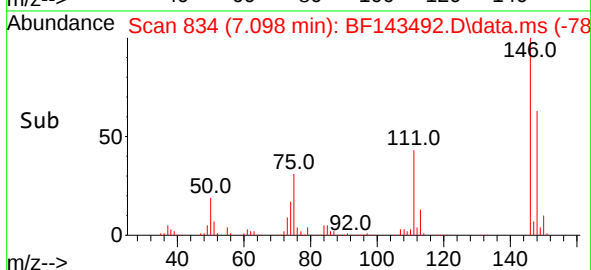
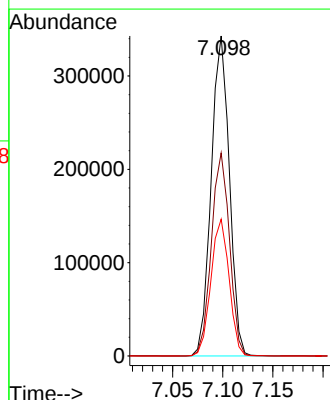
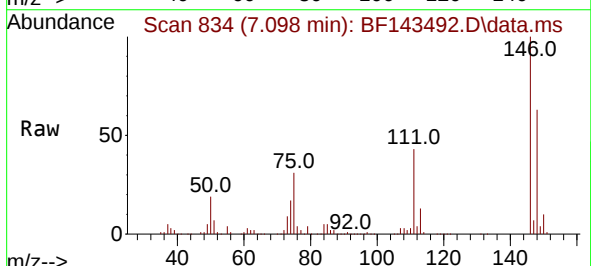
Tgt Ion:146 Resp: 433301

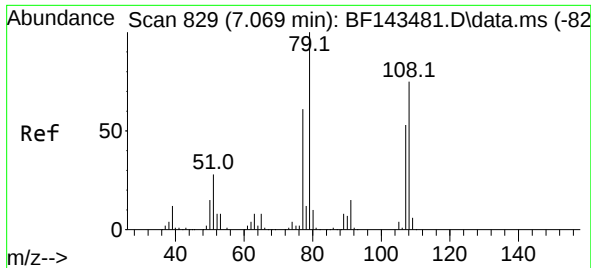
Ion Ratio Lower Upper

146 100

148 63.4 51.0 76.6

111 42.7 34.0 51.0





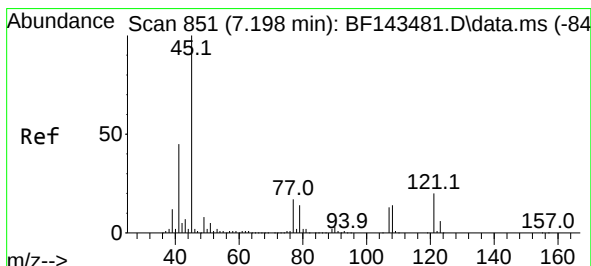
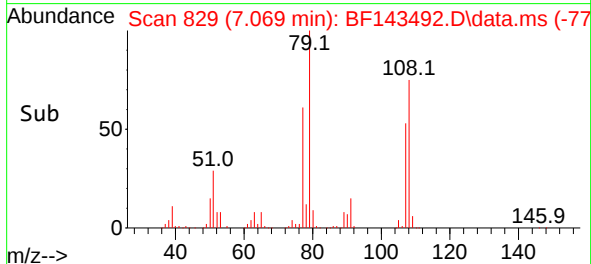
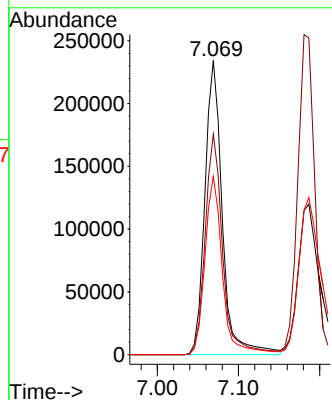
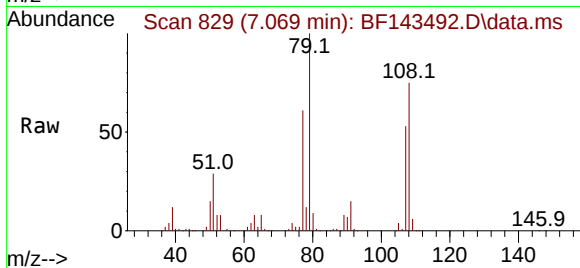
#15
Benzyl Alcohol
Concen: 47.489 ng
RT: 7.069 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

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

Tgt Ion: 79 Resp: 348089
Ion Ratio Lower Upper
79 100
108 75.0 59.8 89.6
77 60.7 49.0 73.4

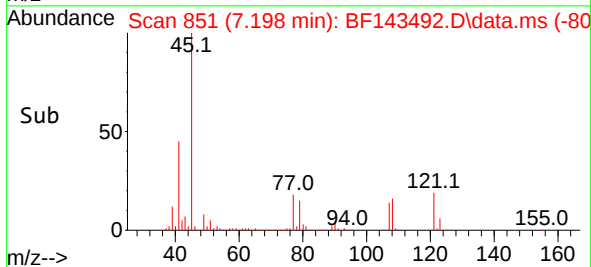
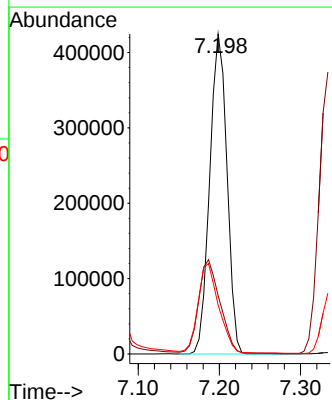
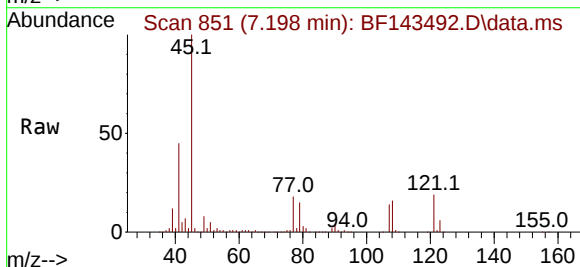
Manual Integrations
APPROVED

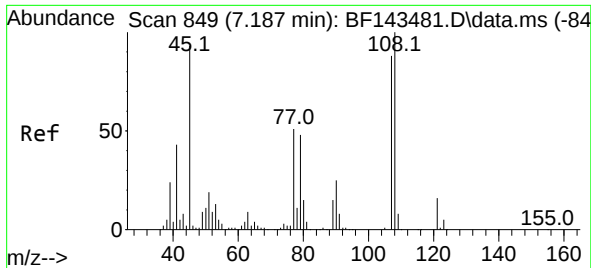
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.417 ng
RT: 7.198 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

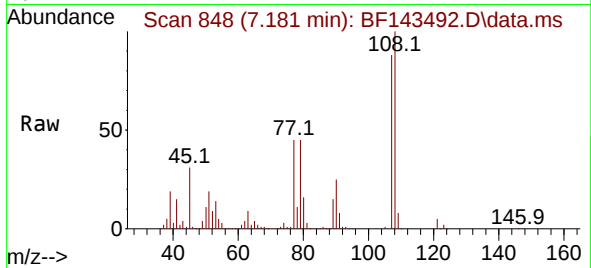
Tgt Ion: 45 Resp: 625876
Ion Ratio Lower Upper
45 100
77 18.2 0.0 37.9
79 15.3 0.0 34.7





#17
2-Methylphenol
Concen: 46.314 ng
RT: 7.181 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

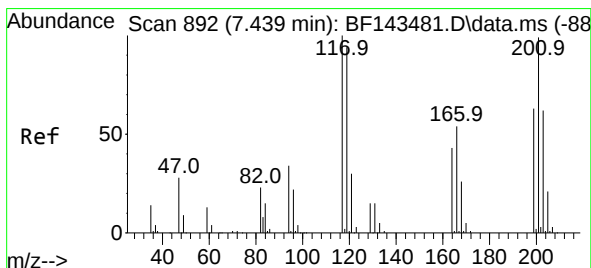
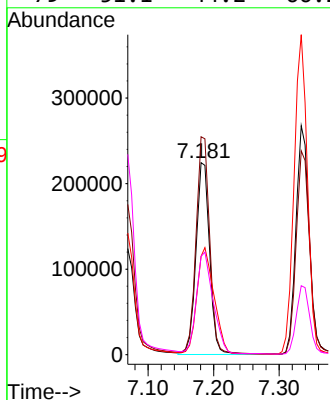
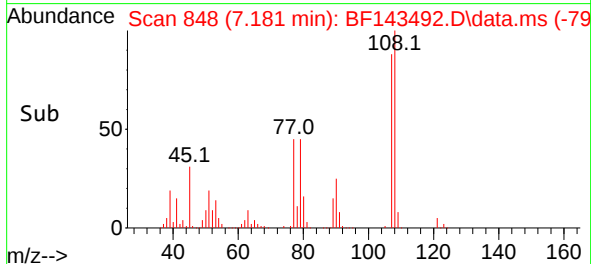
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS



Tgt Ion:107 Resp: 325610
Ion Ratio Lower Upper
107 100
108 113.5 91.1 136.7
77 51.3 46.2 69.4
79 51.1 44.2 66.2

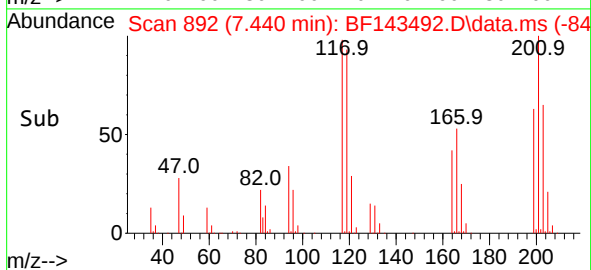
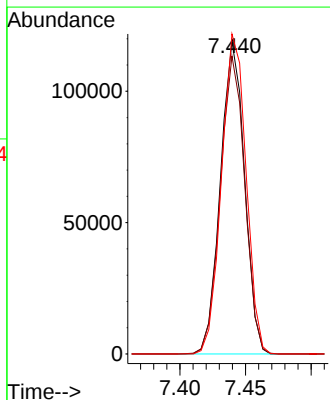
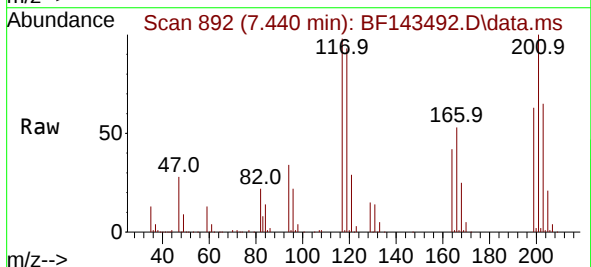
Manual Integrations
APPROVED

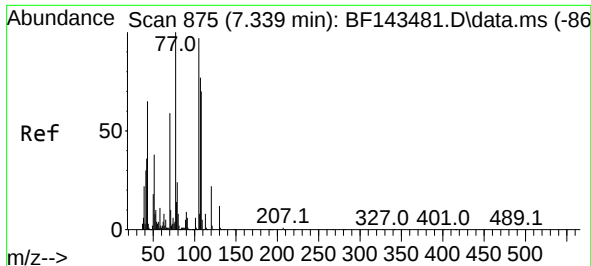
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#18
Hexachloroethane
Concen: 45.284 ng
RT: 7.440 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

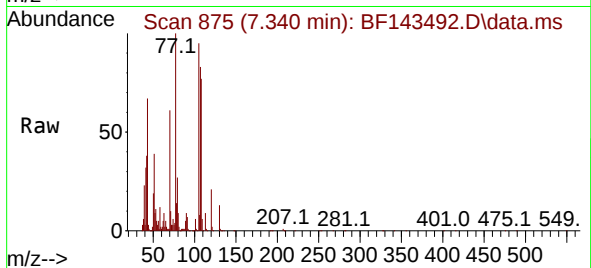
Tgt Ion:117 Resp: 152008
Ion Ratio Lower Upper
117 100
119 95.3 75.4 113.0
201 102.4 79.0 118.4





#19
n-Nitroso-di-n-propylamine
Concen: 45.771 ng
RT: 7.340 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

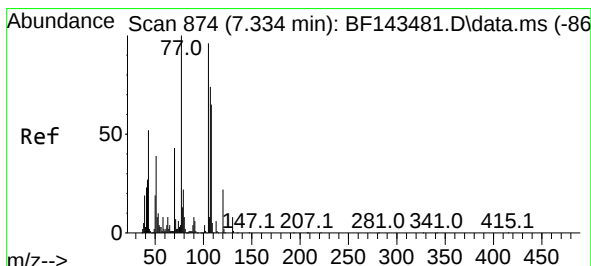
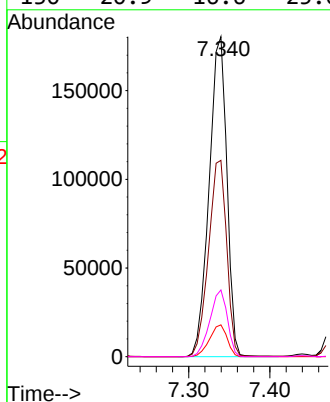
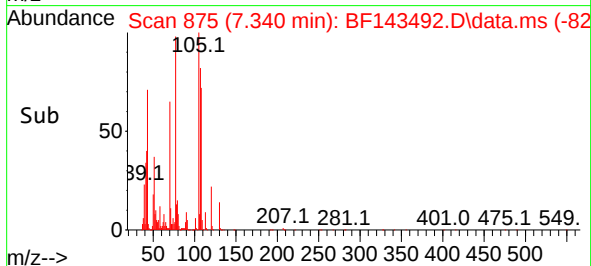
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS



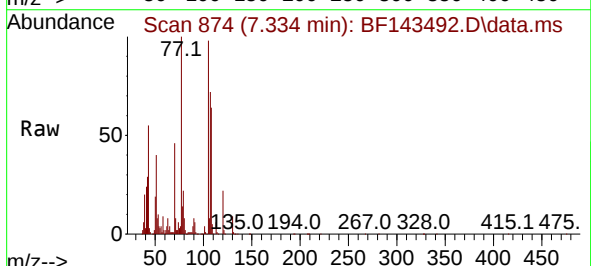
Tgt Ion: 70 Resp: 27389
Ion Ratio Lower Upper
70 100
42 61.3 49.3 73.9
101 10.0 7.8 11.8
130 20.9 16.6 25.0

Manual Integrations
APPROVED

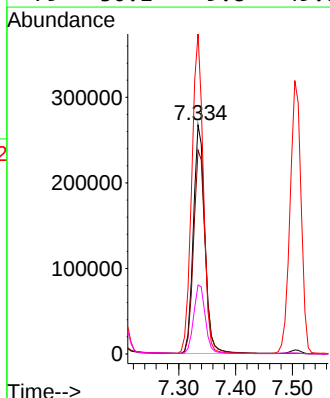
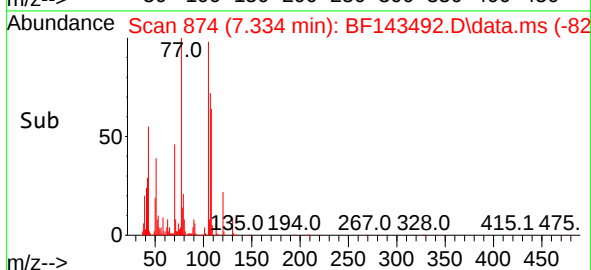
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

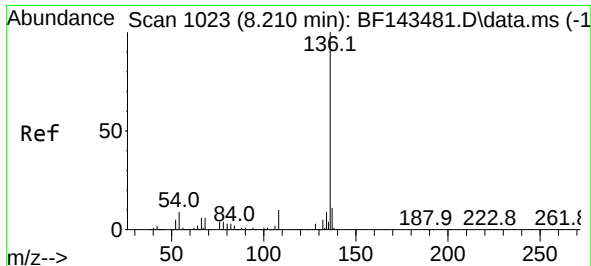


#20
3+4-Methylphenols
Concen: 44.872 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41



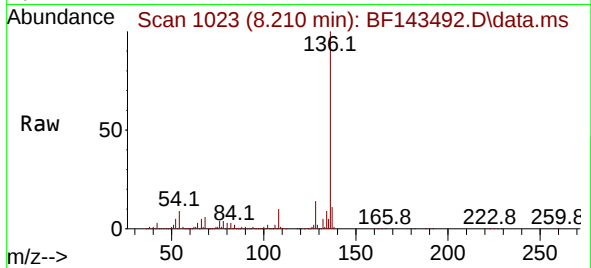
Tgt Ion:107 Resp: 376603
Ion Ratio Lower Upper
107 100
108 89.1 68.4 108.4
77 139.8 116.1 156.1
79 30.1 9.8 49.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

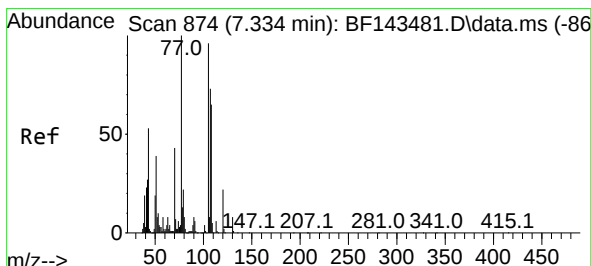
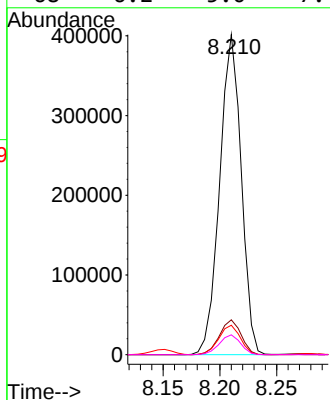
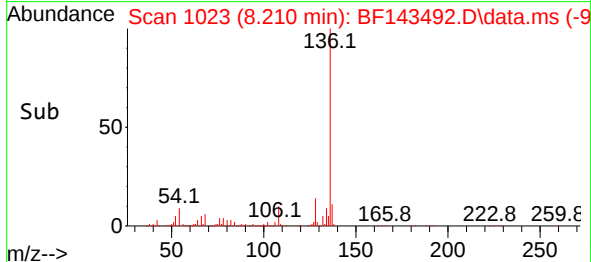
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS



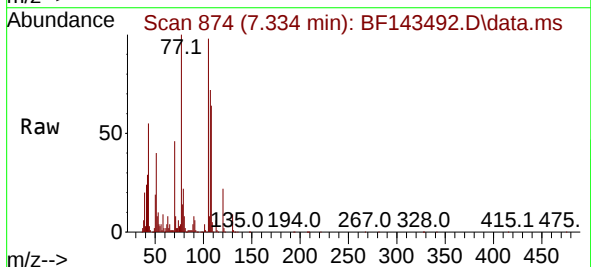
Tgt Ion:136 Resp: 530660
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 9.2 7.4 11.2
68 6.2 5.0 7.4

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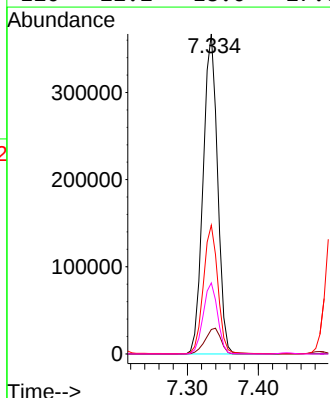
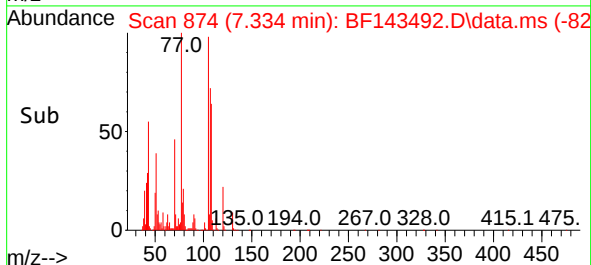
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

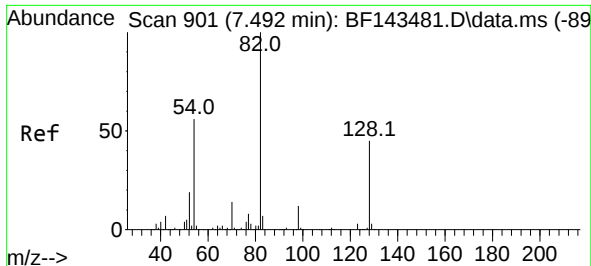


#22
Acetophenone
Concen: 45.445 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41



Tgt Ion:105 Resp: 521008
Ion Ratio Lower Upper
105 100
71 7.7 5.9 8.9
51 40.3 32.5 48.7
120 22.2 18.0 27.0





#23

Nitrobenzene-d5

Concen: 55.404 ng

RT: 7.487 min Scan# 901

Delta R.T. -0.012 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMS

Tgt Ion: 82 Resp: 50382

Ion Ratio Lower Upper

82 100

128 44.2 35.5 53.3

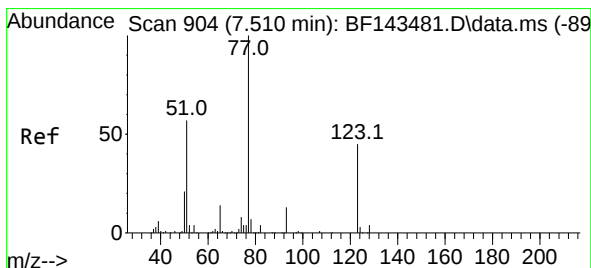
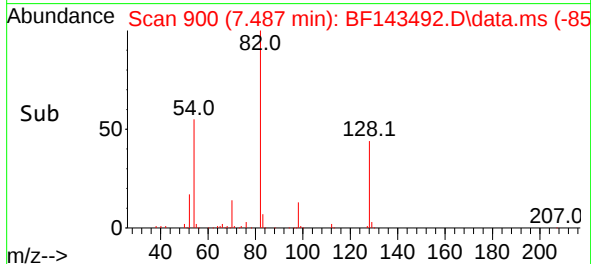
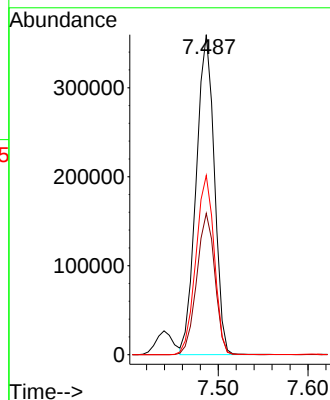
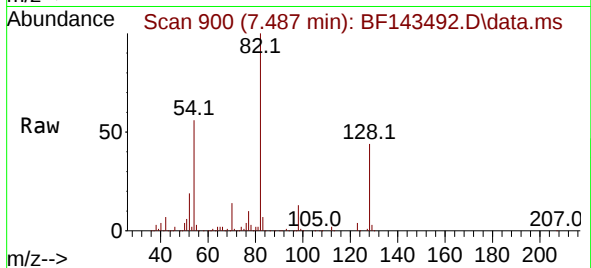
54 56.0 44.3 66.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/21/2025

Supervised By :Jagrut Upadhyay 08/21/2025



#24

Nitrobenzene

Concen: 45.741 ng

RT: 7.504 min Scan# 903

Delta R.T. -0.012 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

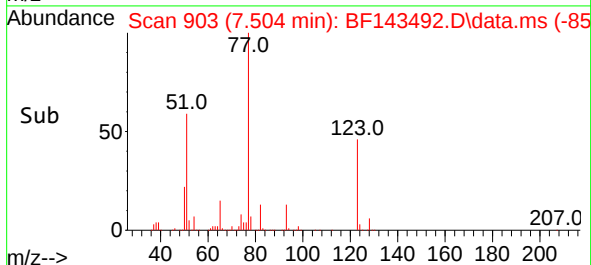
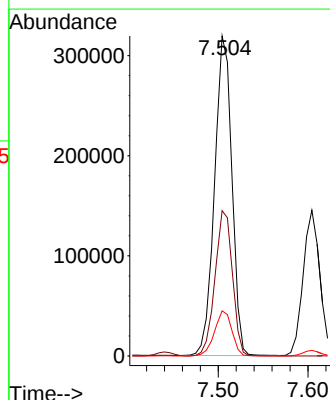
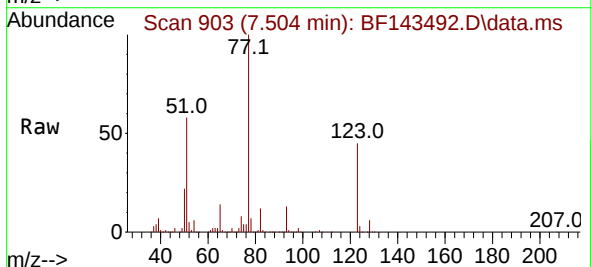
Tgt Ion: 77 Resp: 428108

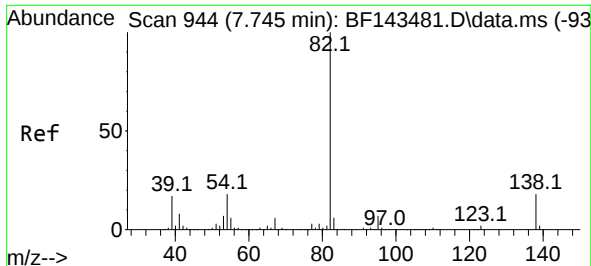
Ion Ratio Lower Upper

77 100

123 45.4 36.1 54.1

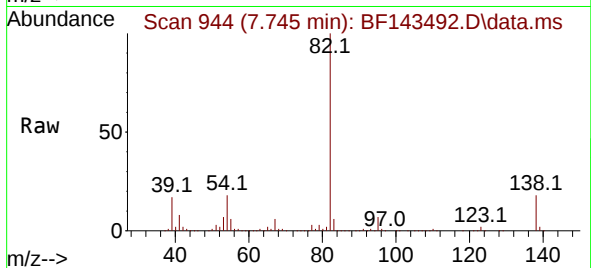
65 14.1 11.0 16.6





#25
Isophorone
Concen: 46.538 ng
RT: 7.745 min Scan# 944
Delta R.T. -0.012 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

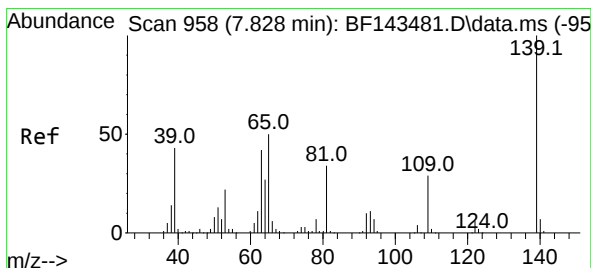
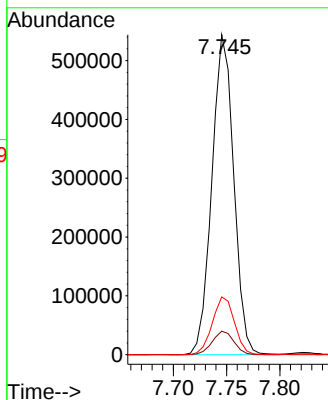
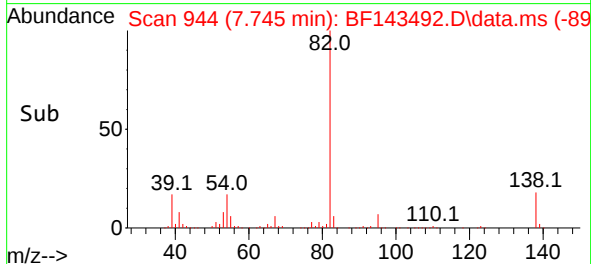
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS



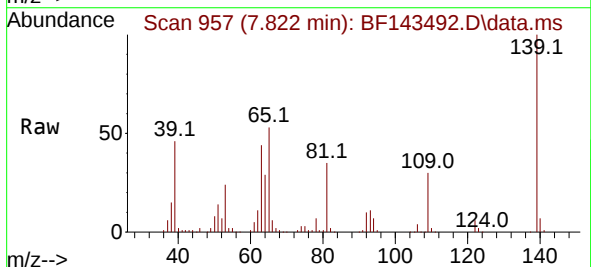
Tgt Ion: 82 Resp: 775775
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.8
138 18.0 14.2 21.4

Manual Integrations
APPROVED

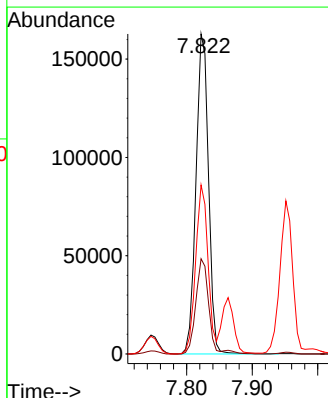
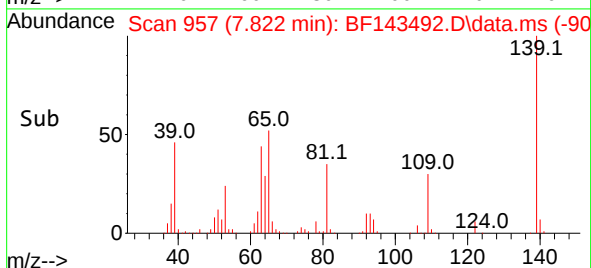
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

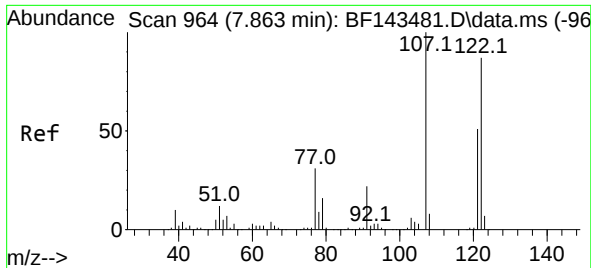


#26
2-Nitrophenol
Concen: 47.311 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41



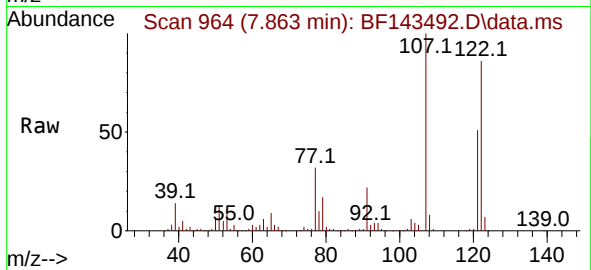
Tgt Ion:139 Resp: 216907
Ion Ratio Lower Upper
139 100
109 29.8 23.0 34.6
65 52.8 40.3 60.5





#27
2,4-Dimethylphenol
Concen: 48.423 ng
RT: 7.863 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

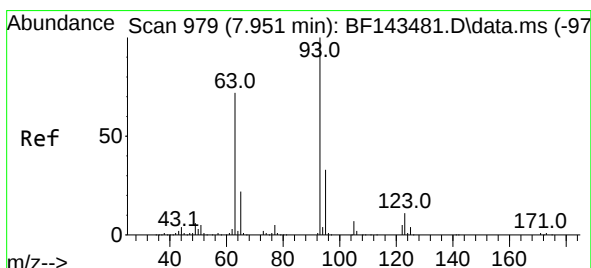
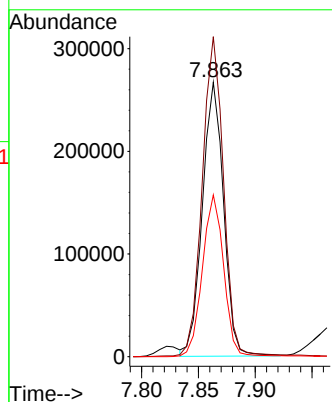
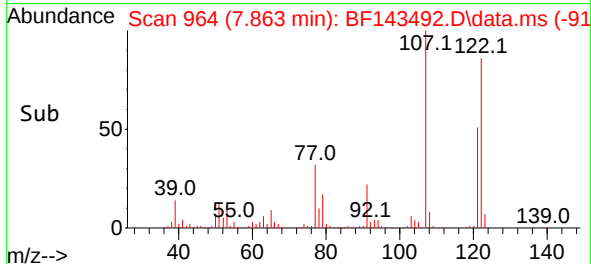
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS



Tgt Ion:122 Resp: 34606
Ion Ratio Lower Upper
122 100
107 116.6 91.5 137.3
121 59.0 47.0 70.4

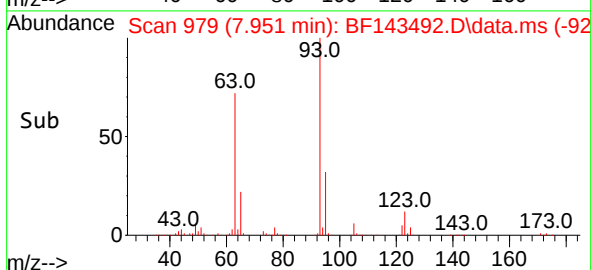
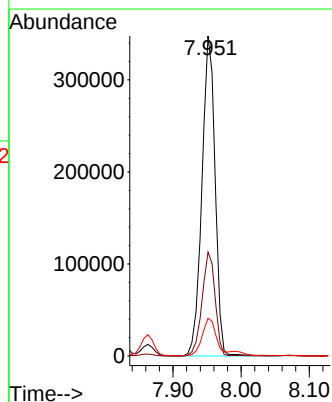
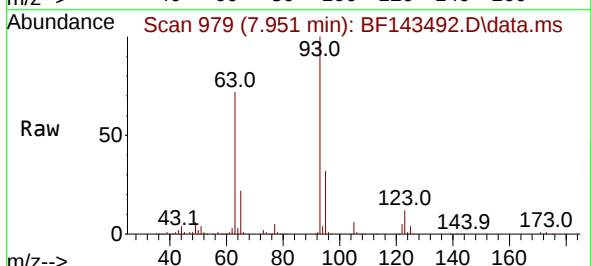
Manual Integrations
APPROVED

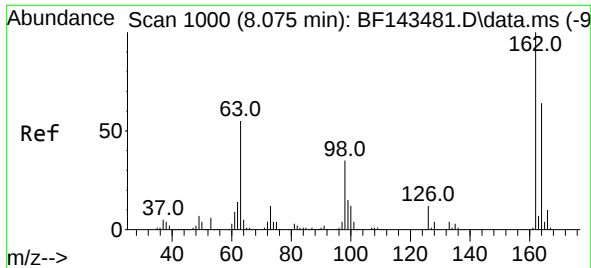
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#28
bis(2-Chloroethoxy)methane
Concen: 45.703 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

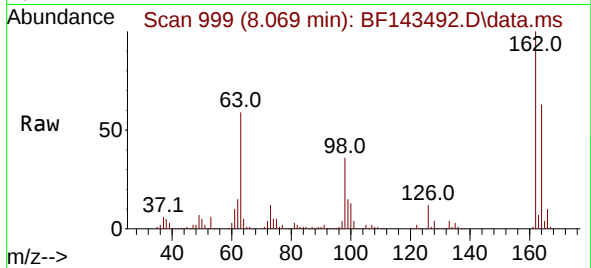
Tgt Ion: 93 Resp: 468202
Ion Ratio Lower Upper
93 100
95 32.4 26.0 39.0
123 11.7 9.1 13.7





#29
2,4-Dichlorophenol
Concen: 45.173 ng
RT: 8.069 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

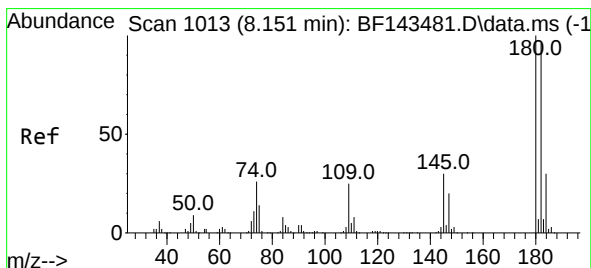
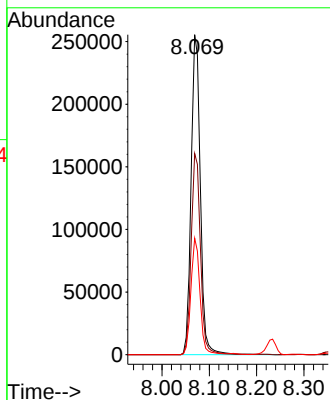
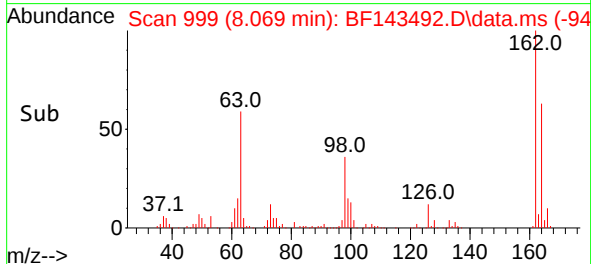
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS



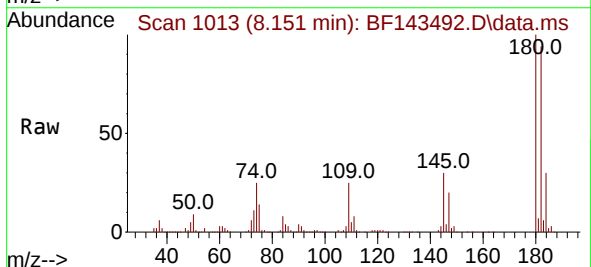
Tgt Ion:162 Resp: 34479
Ion Ratio Lower Upper
162 100
164 62.9 43.5 83.5
98 36.4 15.1 55.1

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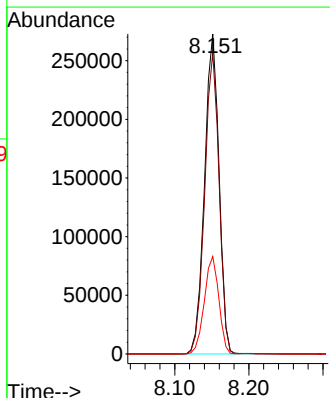
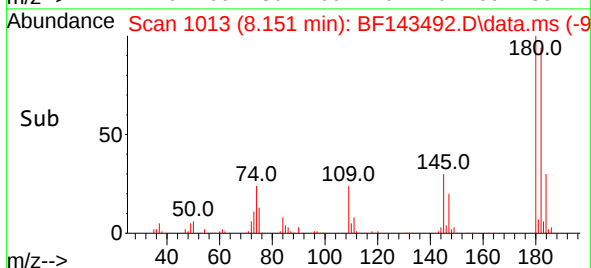
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

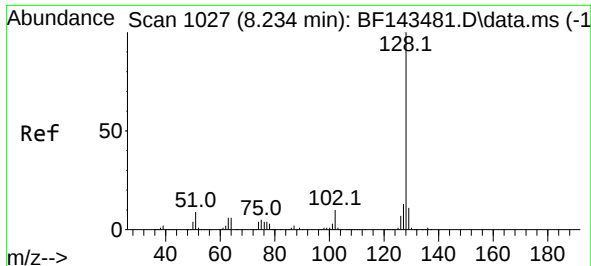


#30
1,2,4-Trichlorobenzene
Concen: 47.266 ng
RT: 8.151 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41



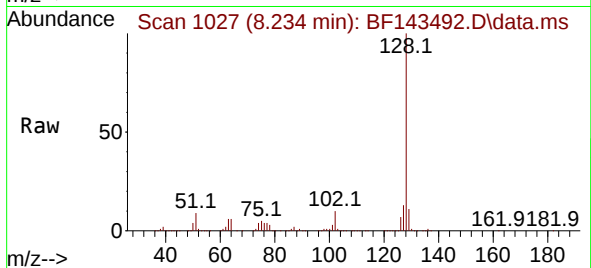
Tgt Ion:180 Resp: 370927
Ion Ratio Lower Upper
180 100
182 94.0 76.6 114.8
145 30.4 24.3 36.5





#31
Naphthalene
Concen: 43.860 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

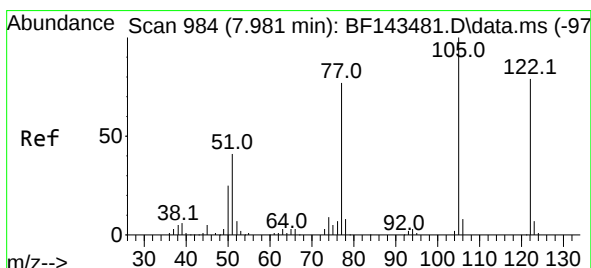
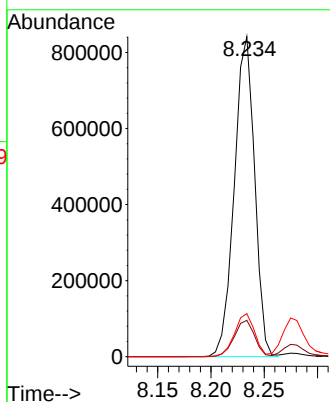
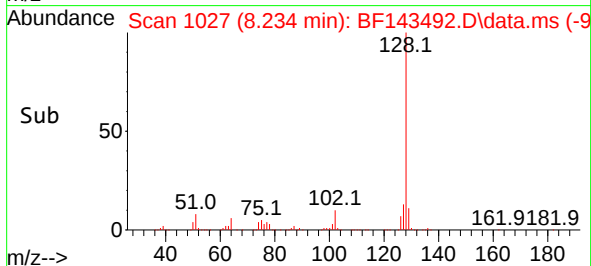
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS



Tgt Ion:128 Resp: 1117420
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.5 10.6 16.0

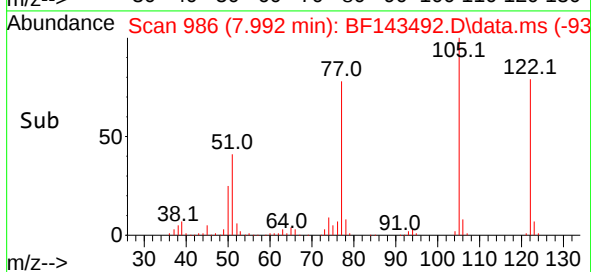
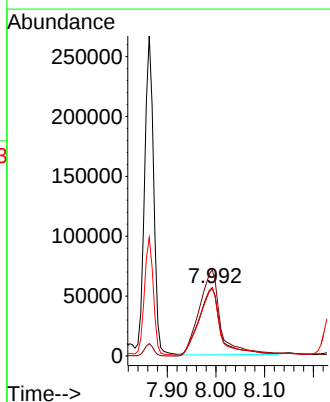
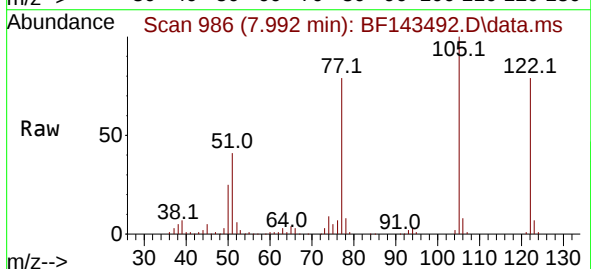
Manual Integrations
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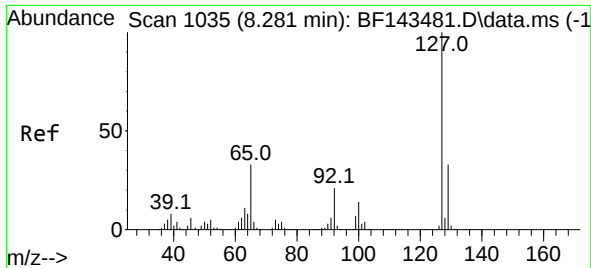
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#32
Benzoic acid
Concen: 42.795 ng
RT: 7.992 min Scan# 986
Delta R.T. -0.018 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

Tgt Ion:122 Resp: 170930
Ion Ratio Lower Upper
122 100
105 125.8 104.7 144.7
77 99.0 77.3 117.3





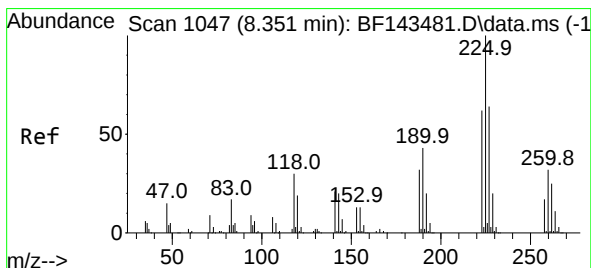
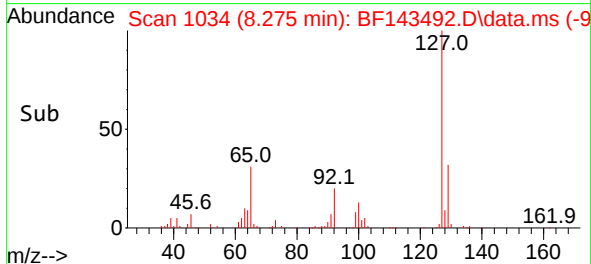
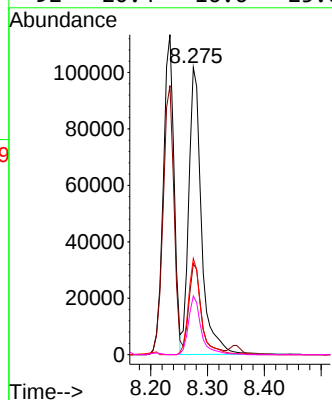
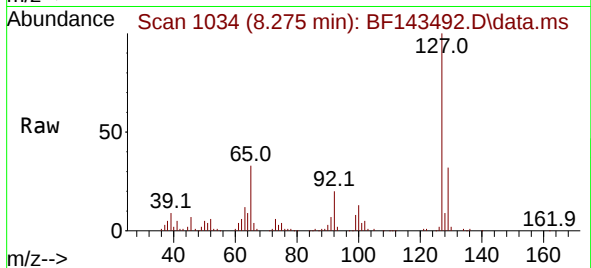
#33
4-Chloroaniline
Concen: 17.549 ng
RT: 8.275 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

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

Tgt Ion:127 Resp: 15868
Ion Ratio Lower Upper
127 100
129 31.7 26.1 39.1
65 33.5 26.2 39.2
92 20.4 16.6 25.0

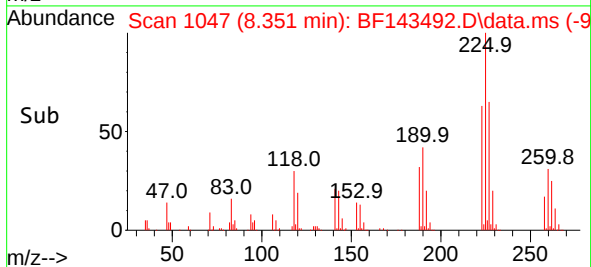
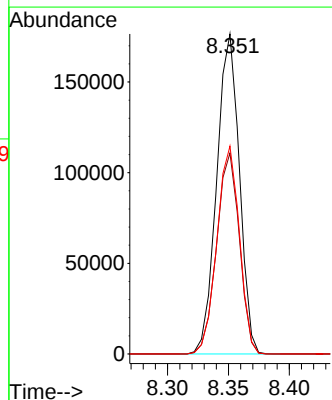
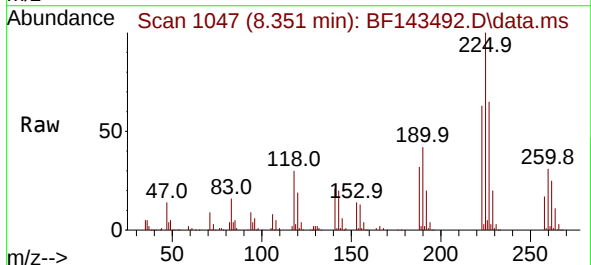
Manual Integrations
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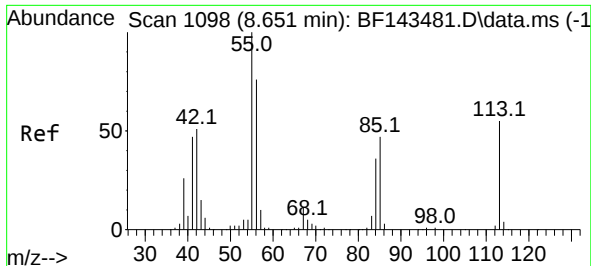
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#34
Hexachlorobutadiene
Concen: 44.673 ng
RT: 8.351 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

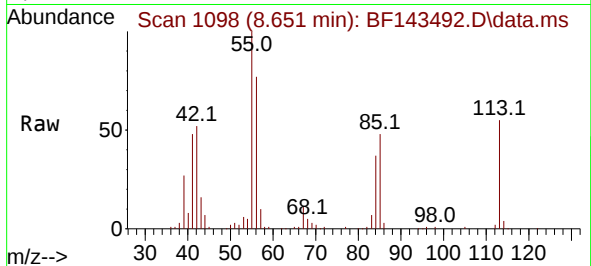
Tgt Ion:225 Resp: 228725
Ion Ratio Lower Upper
225 100
223 62.8 49.9 74.9
227 65.0 50.9 76.3





#35
Caprolactam
Concen: 50.895 ng m
RT: 8.651 min Scan# 1098
Delta R.T. -0.023 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

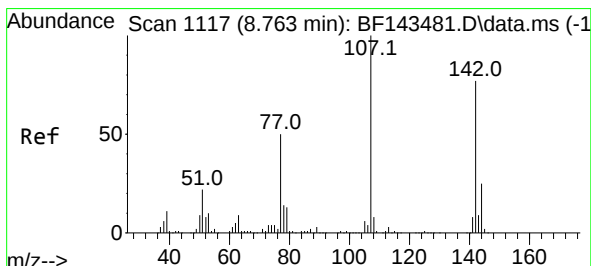
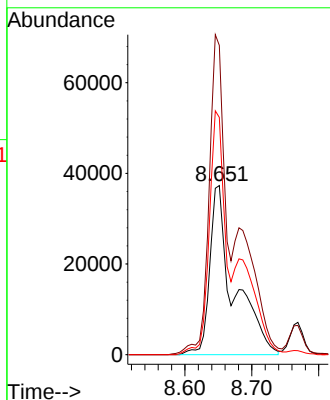
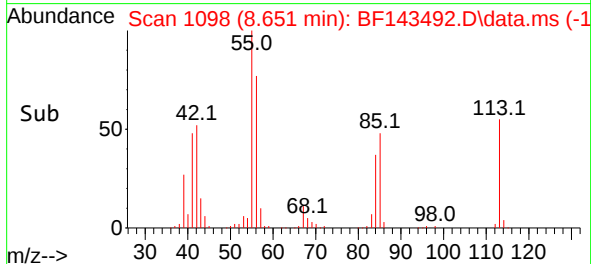
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS



Tgt Ion:113 Resp: 93219
Ion Ratio Lower Upper
113 100
55 182.9 162.8 202.8
56 140.3 118.1 158.1

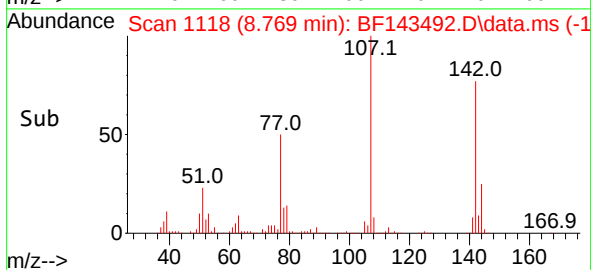
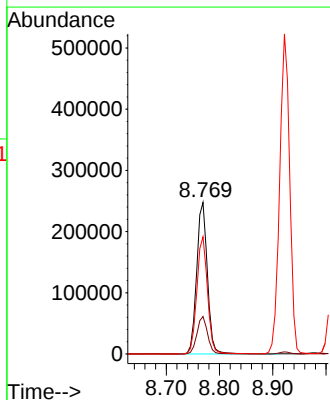
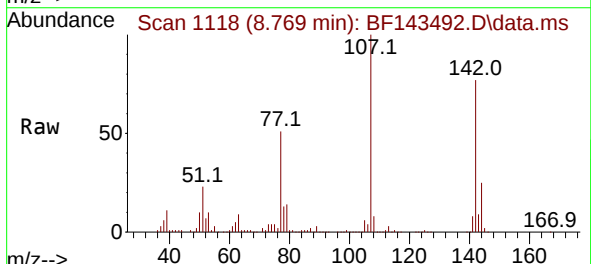
Manual Integrations
APPROVED

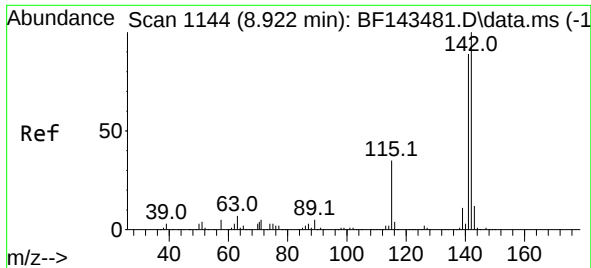
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#36
4-Chloro-3-methylphenol
Concen: 45.379 ng
RT: 8.769 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

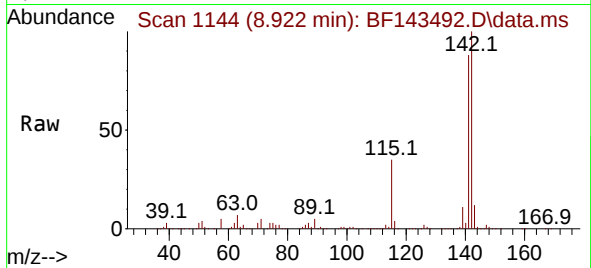
Tgt Ion:107 Resp: 347113
Ion Ratio Lower Upper
107 100
144 24.7 19.9 29.9
142 77.3 61.8 92.8





#37
2-Methylnaphthalene
Concen: 40.120 ng
RT: 8.922 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

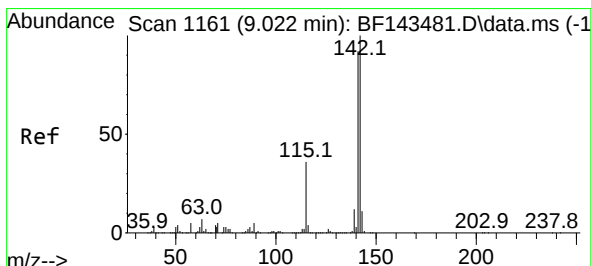
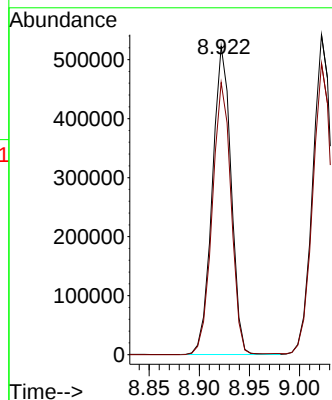
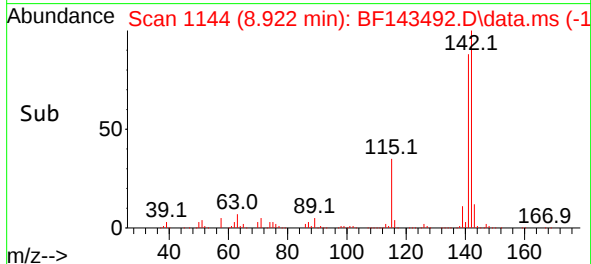
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS



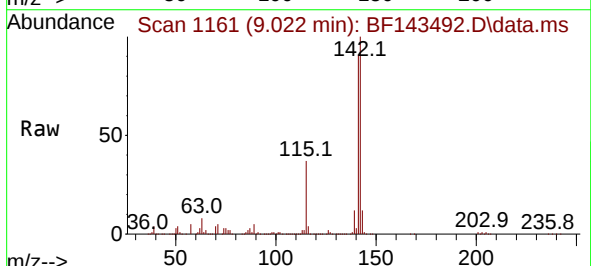
Tgt Ion:142 Resp: 68267
Ion Ratio Lower Upper
142 100
141 88.2 71.0 106.4

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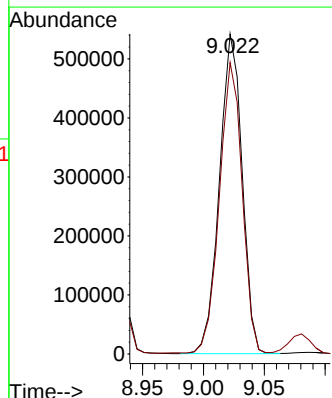
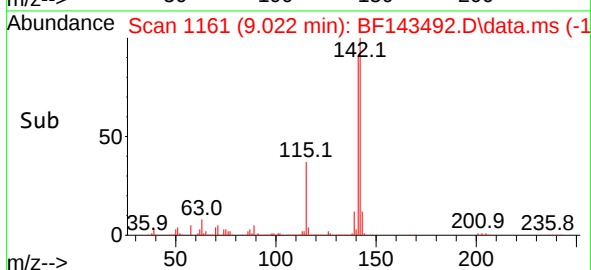
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

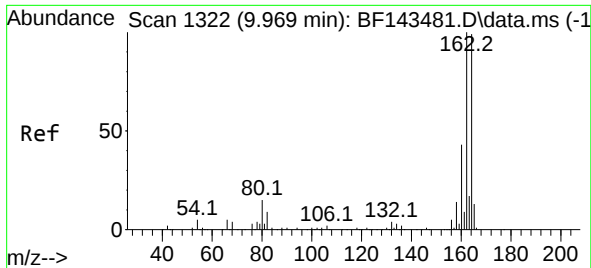


#38
1-Methylnaphthalene
Concen: 43.125 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41



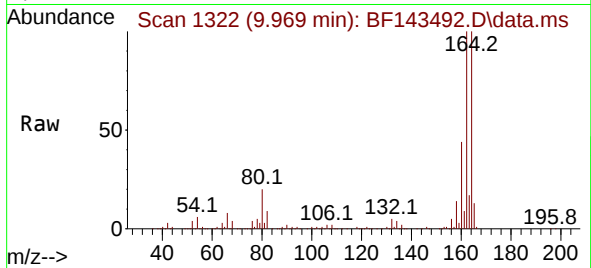
Tgt Ion:142 Resp: 701912
Ion Ratio Lower Upper
142 100
141 91.1 73.3 109.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

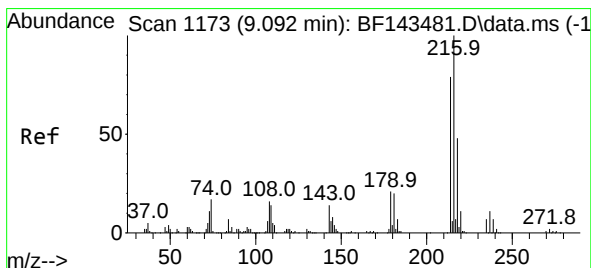
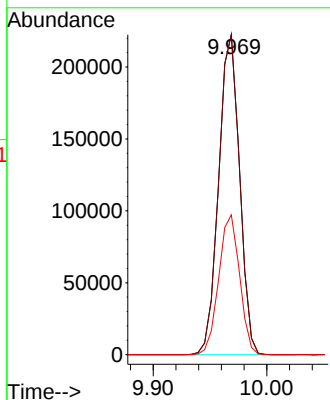
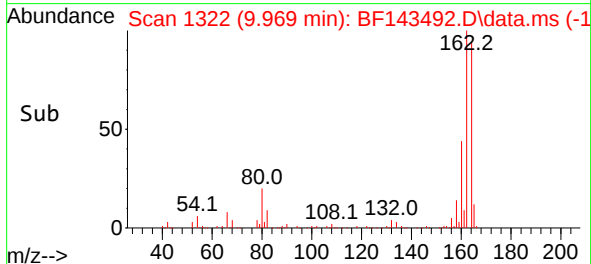
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS



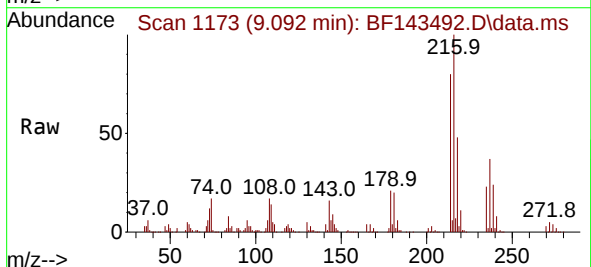
Tgt Ion:164 Resp: 28436
Ion Ratio Lower Upper
164 100
162 100.0 80.5 120.7
160 43.7 34.3 51.5

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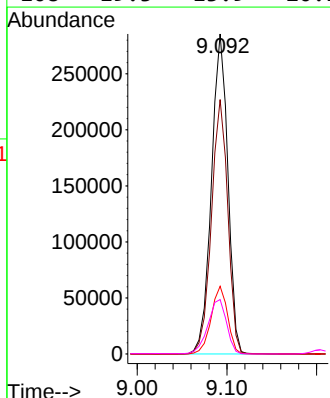
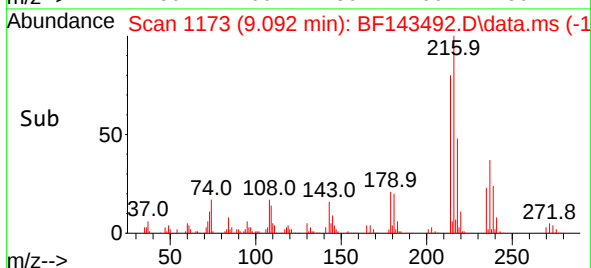
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

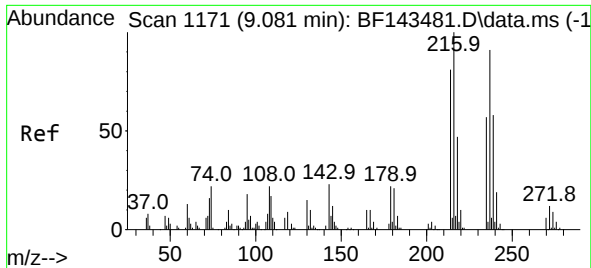


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.594 ng
RT: 9.092 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41



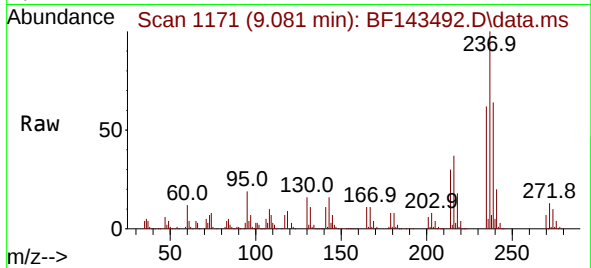
Tgt Ion:216 Resp: 362718
Ion Ratio Lower Upper
216 100
214 79.3 63.4 95.0
179 21.2 16.5 24.7
108 19.3 13.9 20.9





#41
Hexachlorocyclopentadiene
Concen: 119.431 ng
RT: 9.081 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

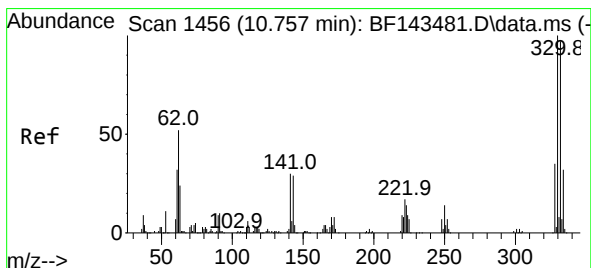
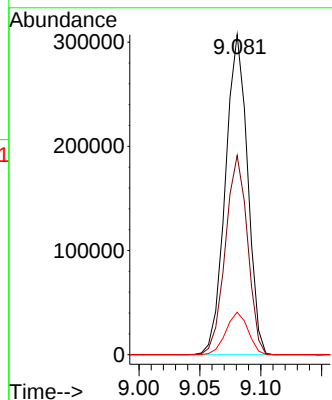
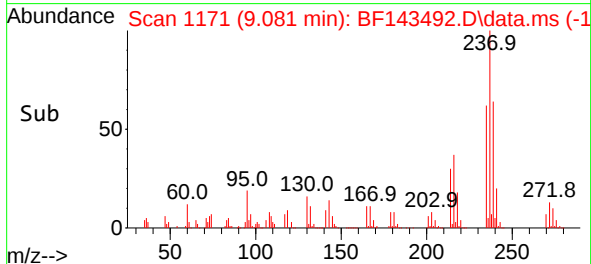
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS



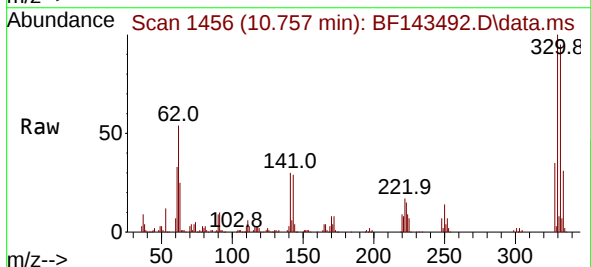
Tgt Ion:237 Resp: 388369
Ion Ratio Lower Upper
237 100
235 62.3 42.6 82.6
272 13.3 0.0 33.4

Manual Integrations
APPROVED

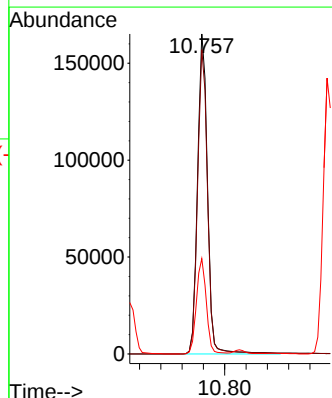
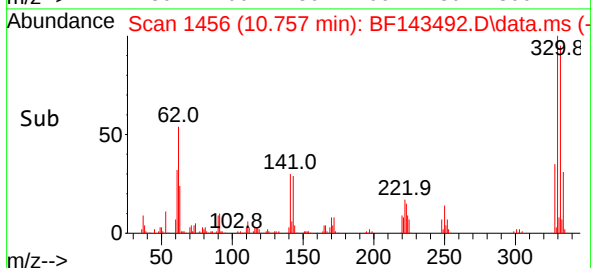
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

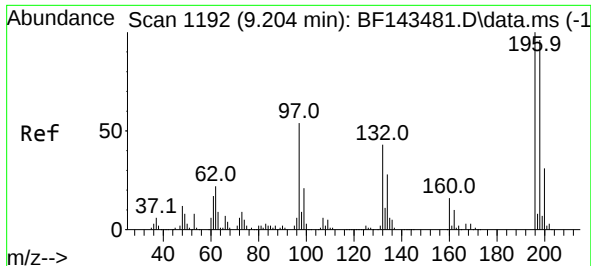


#42
2,4,6-Tribromophenol
Concen: 81.009 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41



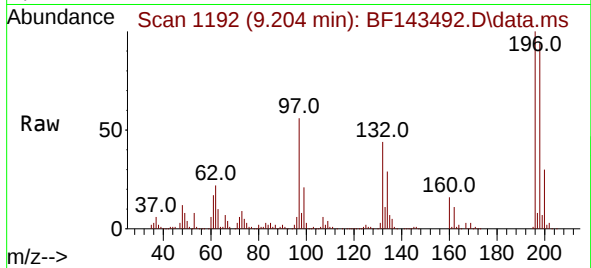
Tgt Ion:330 Resp: 214430
Ion Ratio Lower Upper
330 100
332 95.9 78.0 117.0
141 29.5 23.7 35.5





#43
2,4,6-Trichlorophenol
Concen: 47.410 ng
RT: 9.204 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

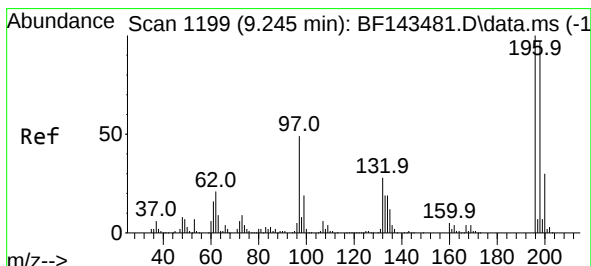
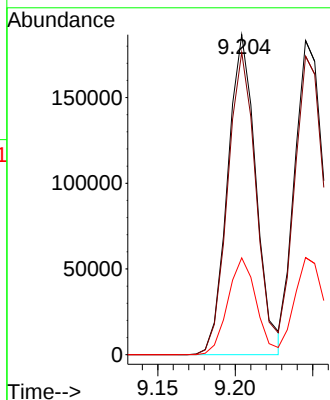
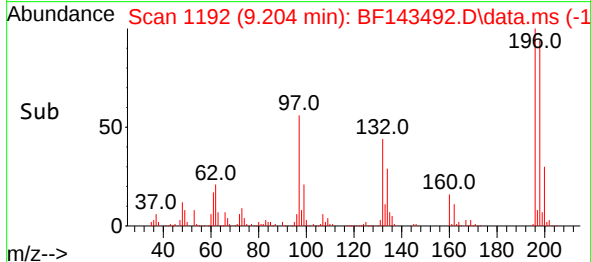
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS



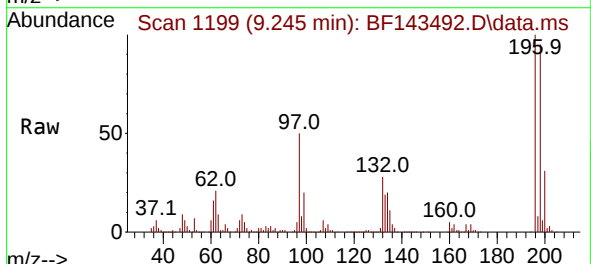
Tgt Ion:196 Resp: 237284
Ion Ratio Lower Upper
196 100
198 94.5 77.0 115.4
200 30.3 24.6 37.0

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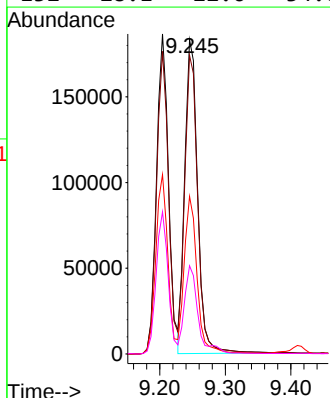
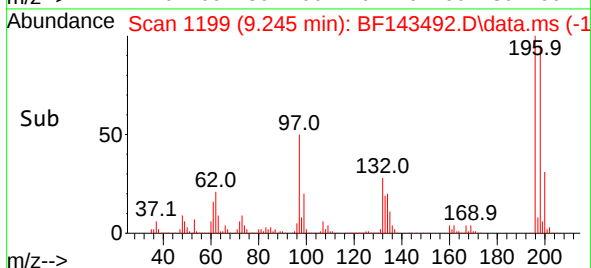
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

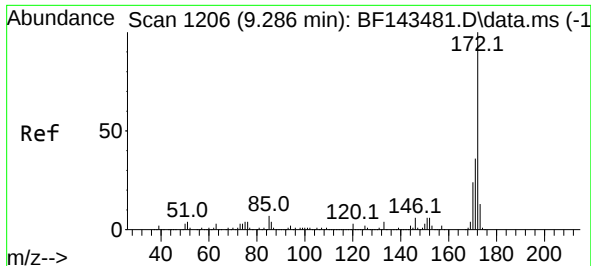


#44
2,4,5-Trichlorophenol
Concen: 45.743 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41



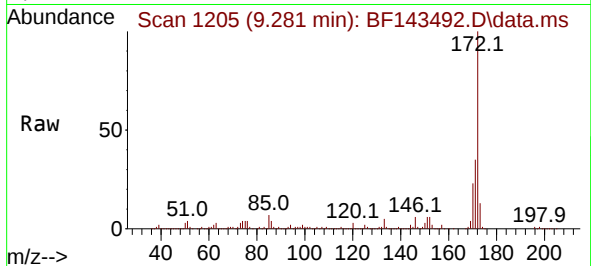
Tgt Ion:196 Resp: 250079
Ion Ratio Lower Upper
196 100
198 95.0 77.3 115.9
97 50.1 40.0 60.0
132 28.1 22.6 34.0





#45
2-Fluorobiphenyl
Concen: 57.806 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

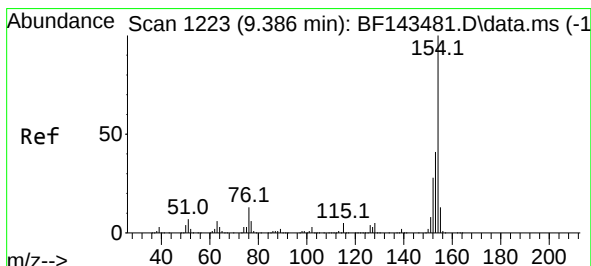
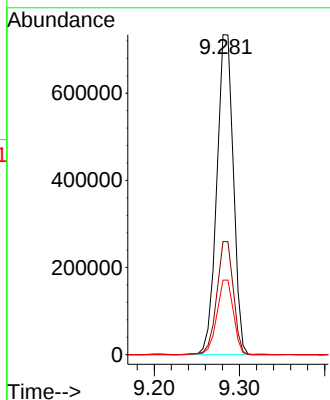
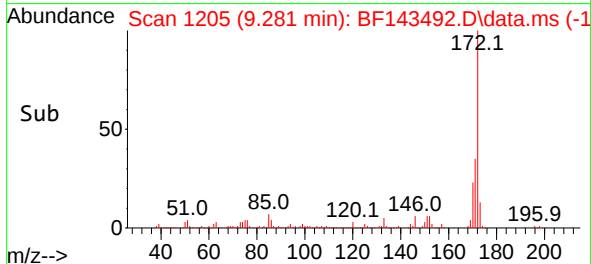
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS



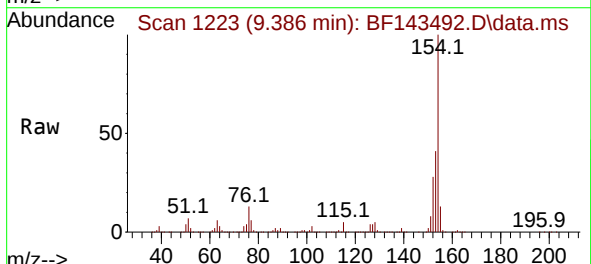
Tgt Ion:172 Resp: 994620
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 23.3 18.8 28.2

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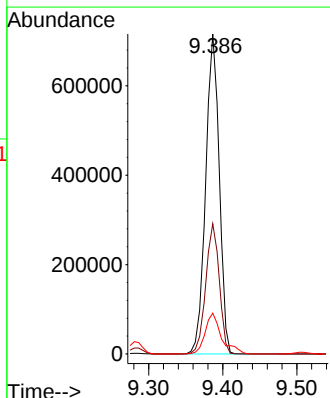
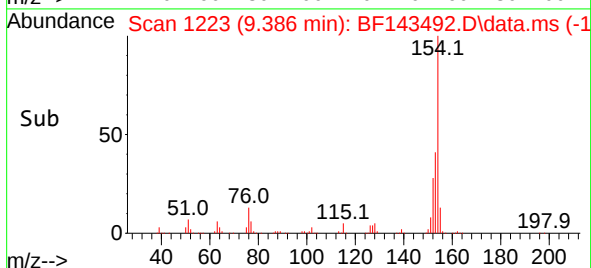
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

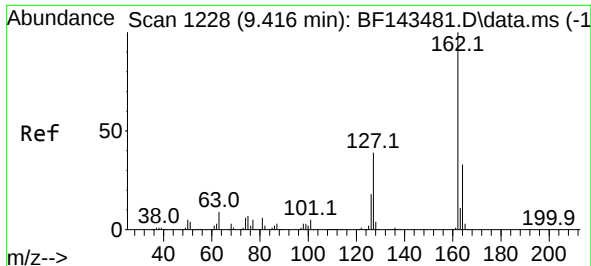


#46
1,1'-Biphenyl
Concen: 45.097 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41



Tgt Ion:154 Resp: 910218
Ion Ratio Lower Upper
154 100
153 40.7 20.6 60.6
76 12.8 0.0 33.0





#47

2-Chloronaphthalene

Concen: 44.294 ng

RT: 9.410 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMS

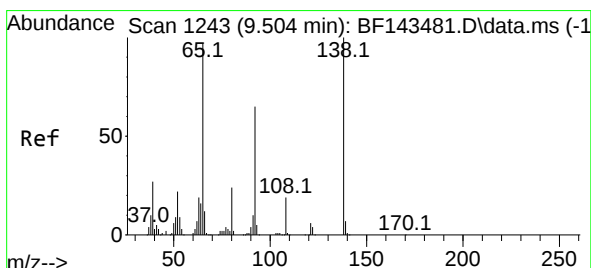
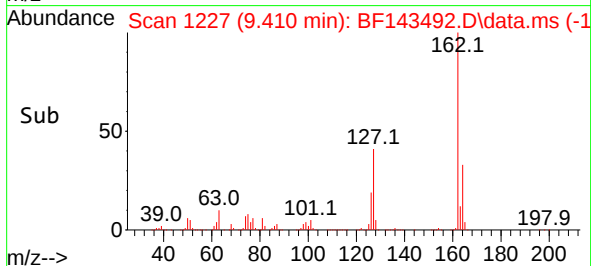
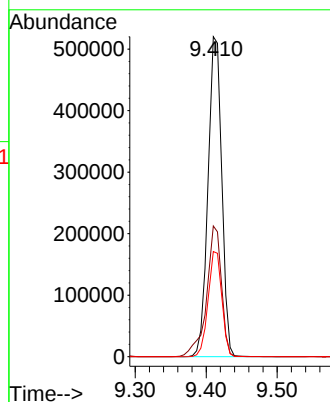
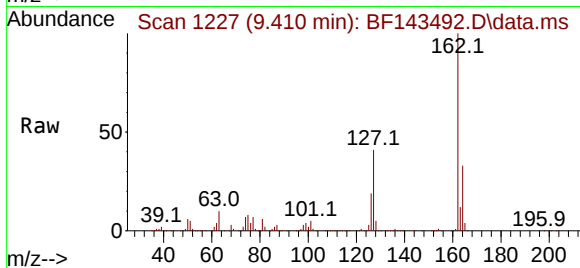
Tgt Ion:162 Resp: 701460
 Ion Ratio Lower Upper
 162 100
 127 40.8 31.8 47.6
 164 32.8 26.4 39.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/21/2025

Supervised By :Jagrut Upadhyay 08/21/2025



#48

2-Nitroaniline

Concen: 46.942 ng

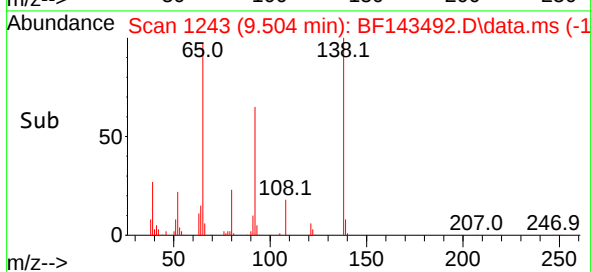
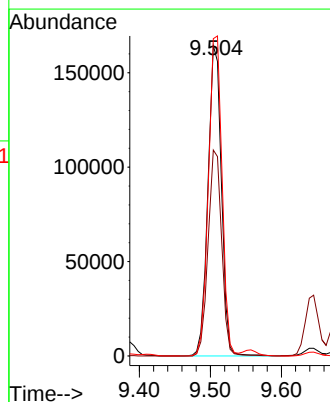
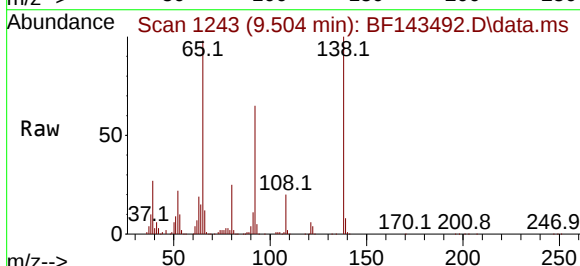
RT: 9.504 min Scan# 1243

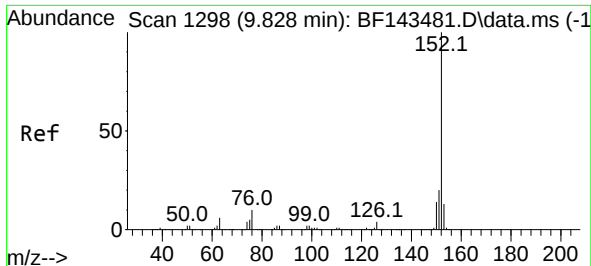
Delta R.T. -0.006 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

Tgt Ion: 65 Resp: 217562
 Ion Ratio Lower Upper
 65 100
 92 66.4 53.8 80.6
 138 102.3 82.4 123.6





#49

Acenaphthylene

Concen: 49.946 ng

RT: 9.828 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMS

Tgt Ion:152 Resp: 113254

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

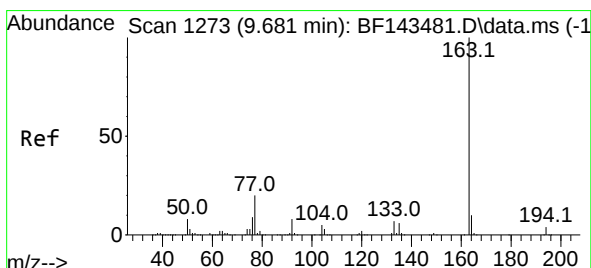
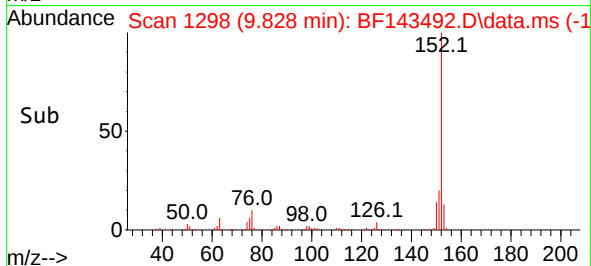
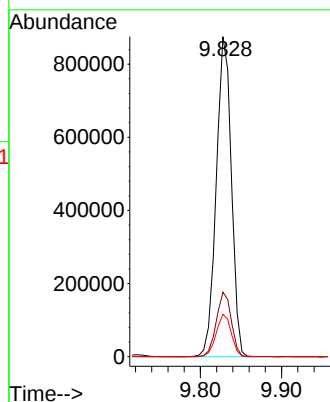
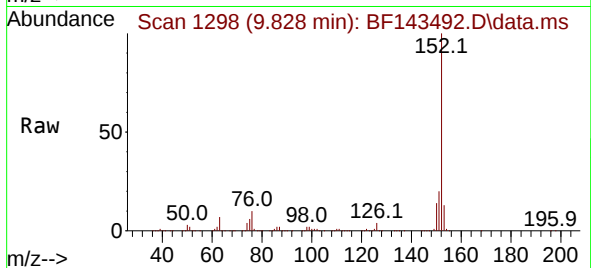
153 13.2 10.6 15.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/21/2025

Supervised By :Jagrut Upadhyay 08/21/2025



#50

Dimethylphthalate

Concen: 46.858 ng

RT: 9.686 min Scan# 1274

Delta R.T. 0.006 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

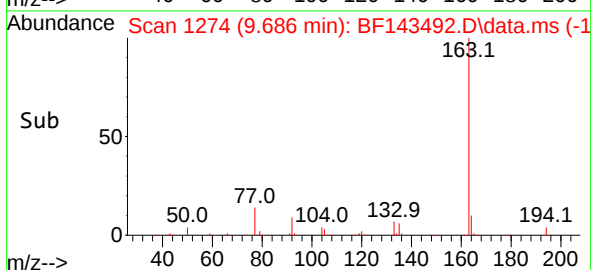
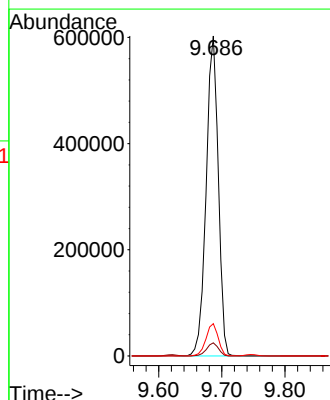
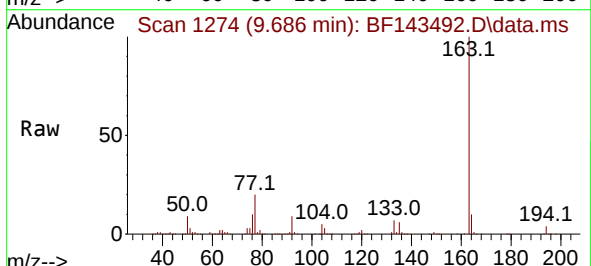
Tgt Ion:163 Resp: 802514

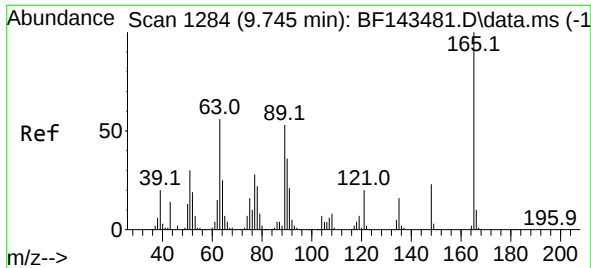
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

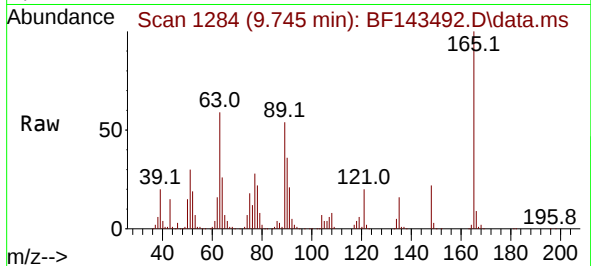
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 51.070 ng
RT: 9.745 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

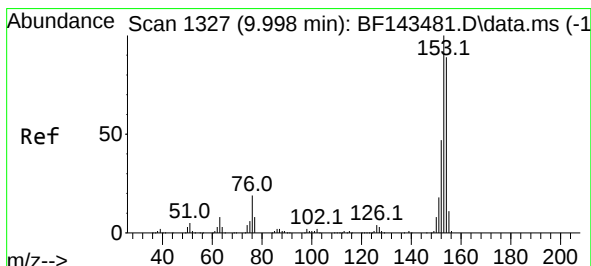
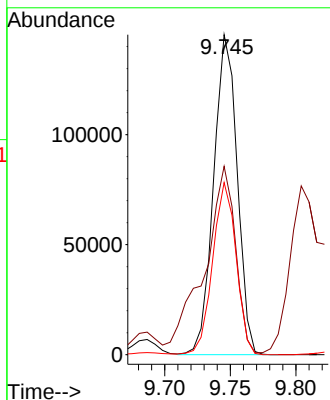
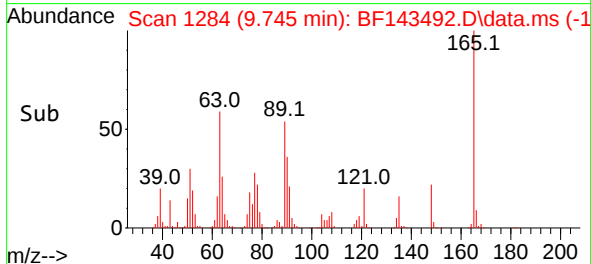
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS



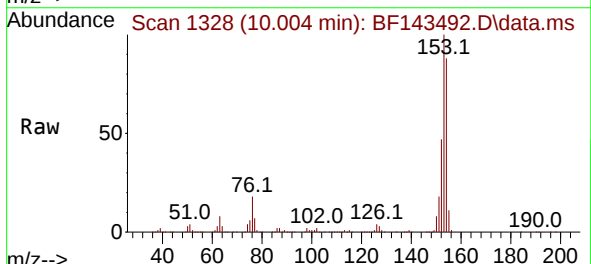
Tgt Ion:165 Resp: 18127
Ion Ratio Lower Upper
165 100
63 58.8 45.0 67.6
89 53.8 42.5 63.7

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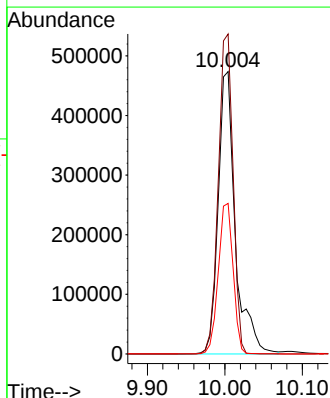
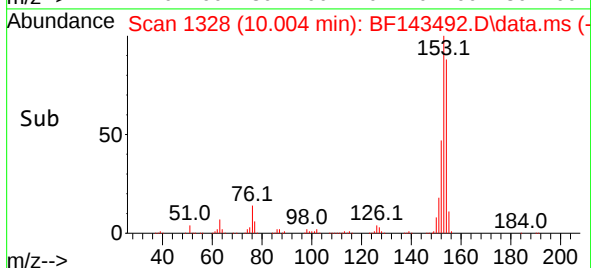
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

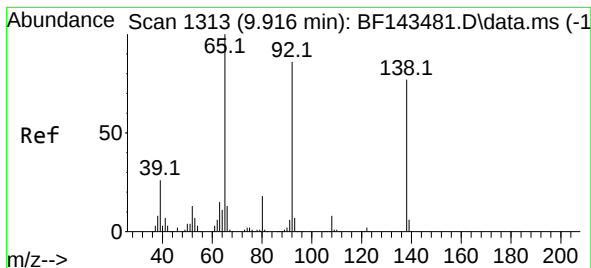


#52
Acenaphthene
Concen: 47.479 ng
RT: 10.004 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41



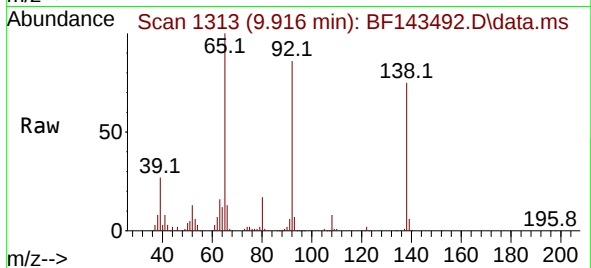
Tgt Ion:154 Resp: 730967
Ion Ratio Lower Upper
154 100
153 113.3 89.5 134.3
152 53.3 42.5 63.7





#53
3-Nitroaniline
Concen: 27.591 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

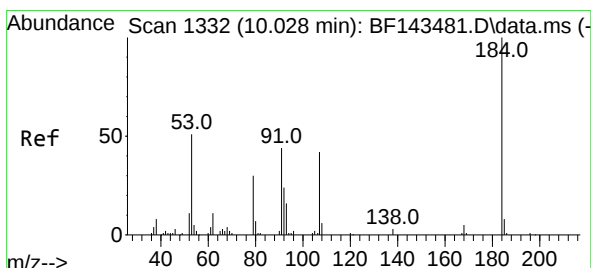
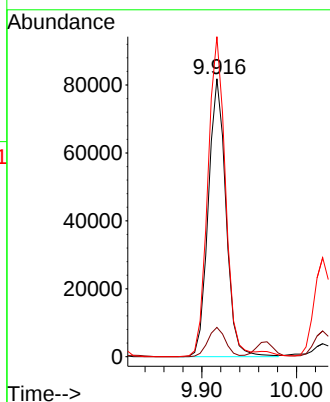
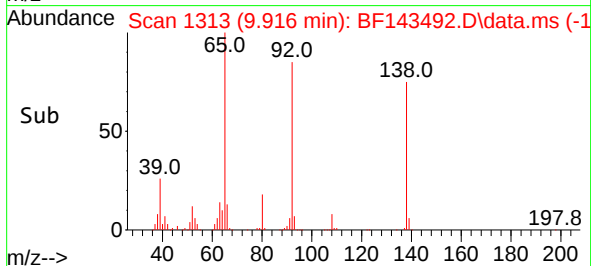
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS



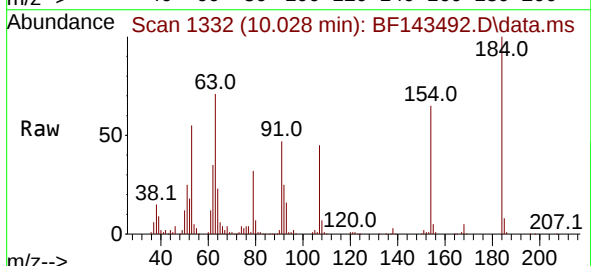
Tgt Ion:138 Resp: 105824
Ion Ratio Lower Upper
138 100
108 10.6 8.6 13.0
92 115.1 89.8 134.8

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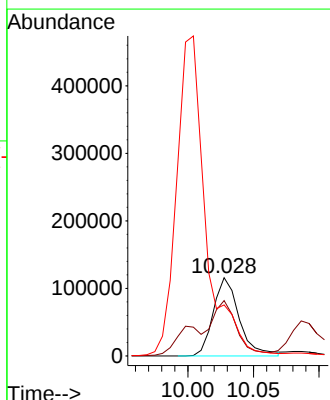
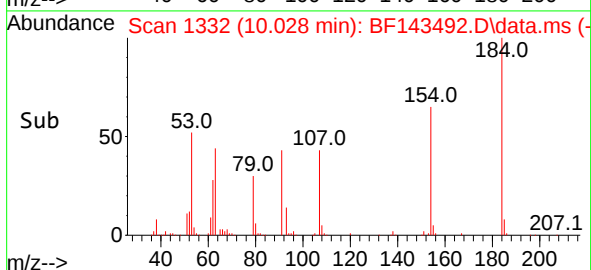
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

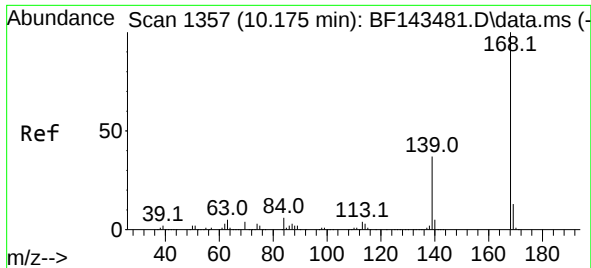


#54
2,4-Dinitrophenol
Concen: 83.794 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41



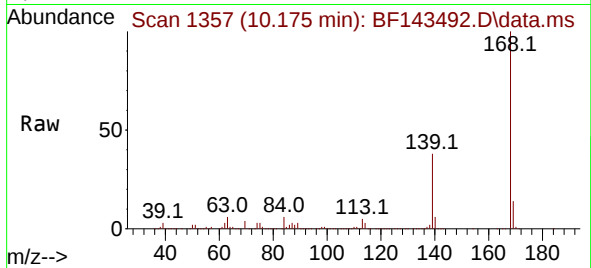
Tgt Ion:184 Resp: 159570
Ion Ratio Lower Upper
184 100
63 70.8 52.6 78.8
154 65.2 51.0 76.4





#55
Dibenzofuran
Concen: 44.537 ng
RT: 10.175 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

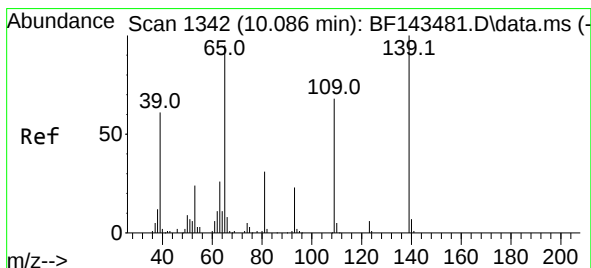
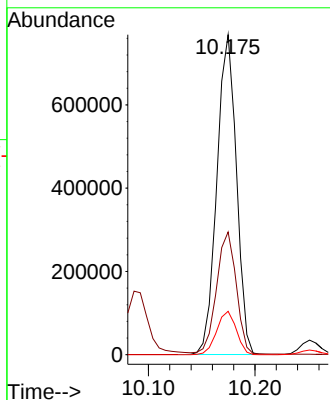
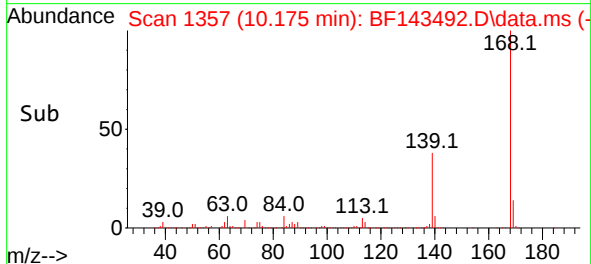
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS



Tgt Ion:168 Resp: 97758
Ion Ratio Lower Upper
168 100
139 38.3 29.8 44.6
169 13.5 10.8 16.2

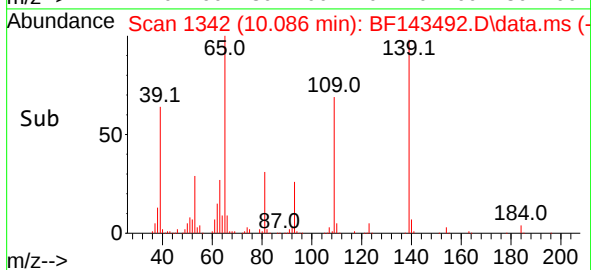
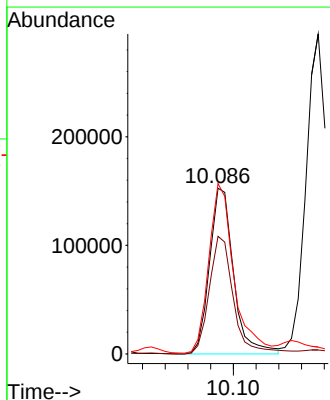
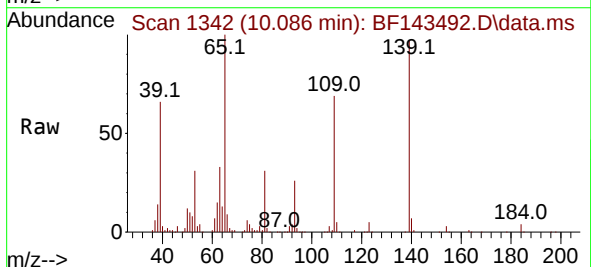
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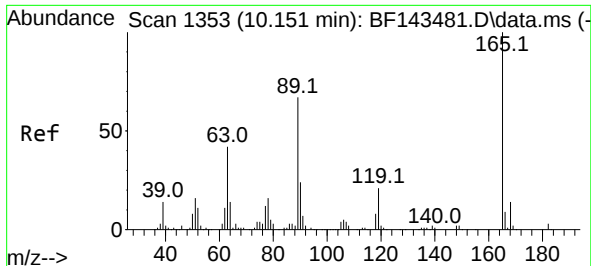
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#56
4-Nitrophenol
Concen: 98.437 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

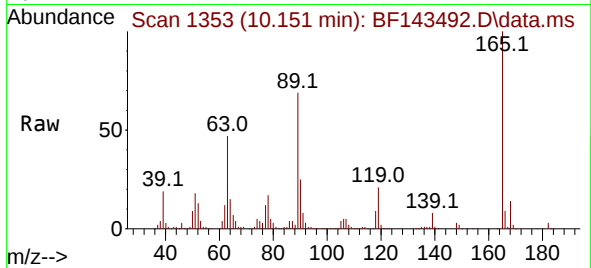
Tgt Ion:139 Resp: 224646
Ion Ratio Lower Upper
139 100
109 70.9 48.2 88.2
65 102.8 75.8 115.8





#57
2,4-Dinitrotoluene
Concen: 51.040 ng
RT: 10.151 min Scan# 1353
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

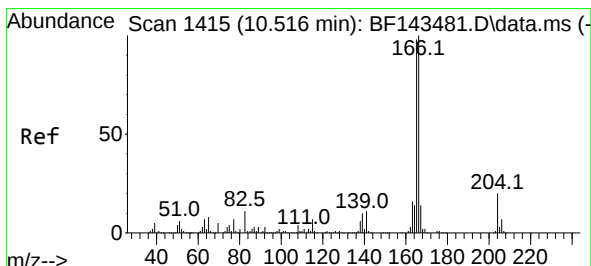
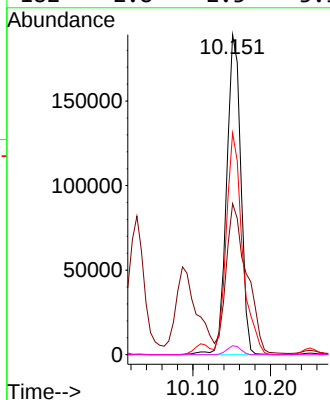
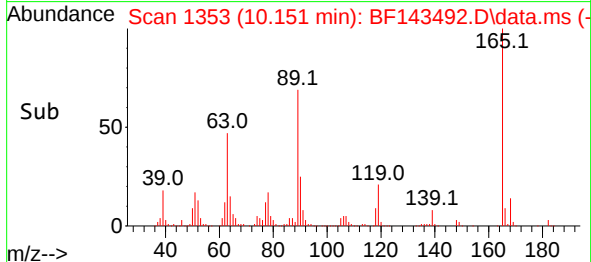
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS



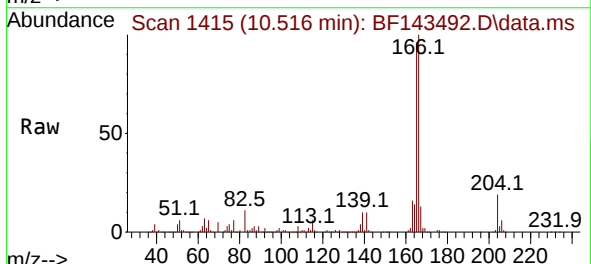
Tgt Ion:165 Resp: 24190
Ion Ratio Lower Upper
165 100
63 47.2 34.9 52.3
89 69.3 53.3 79.9
182 2.8 2.3 3.5

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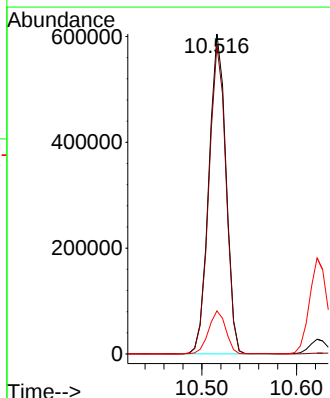
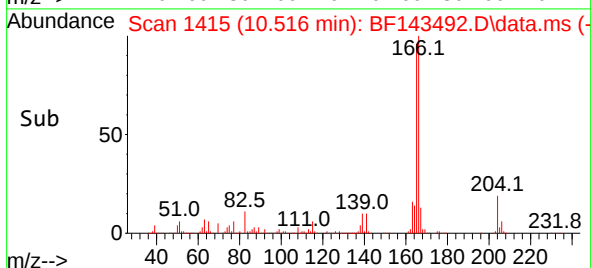
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

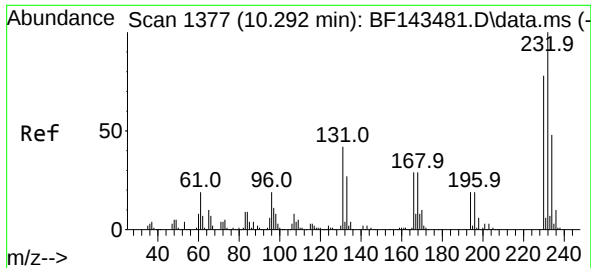


#58
Fluorene
Concen: 44.838 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41



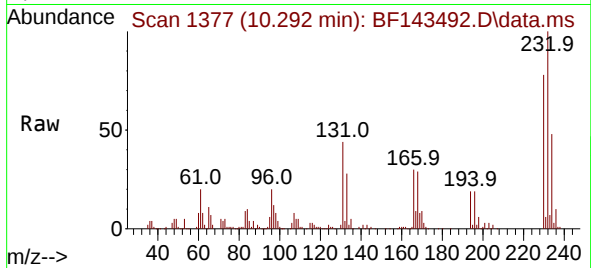
Tgt Ion:166 Resp: 757478
Ion Ratio Lower Upper
166 100
165 96.5 78.3 117.5
167 13.5 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.829 ng
RT: 10.292 min Scan# 1377
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

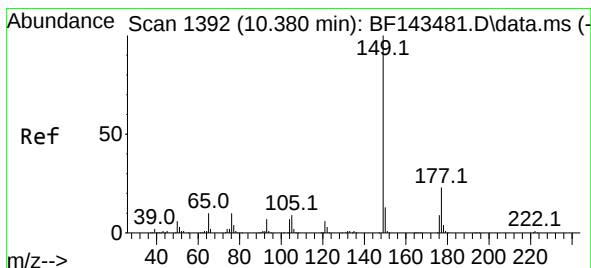
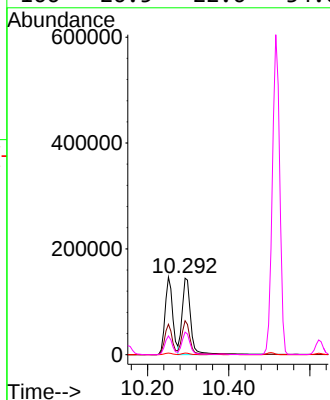
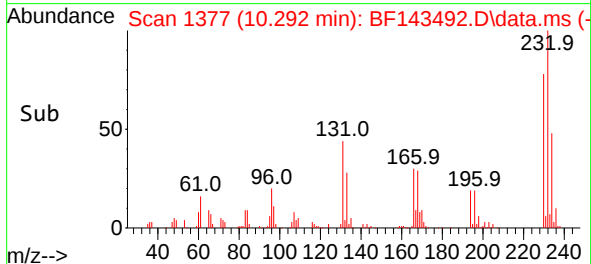
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS



Tgt Ion:232 Resp: 21051
Ion Ratio Lower Upper
232 100
131 41.3 32.7 49.1
130 1.9 1.6 2.4
166 26.5 22.6 34.0

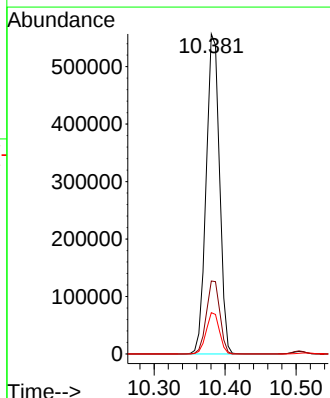
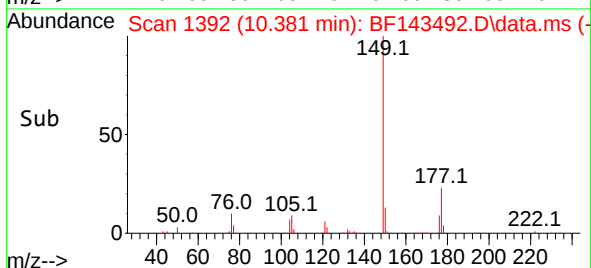
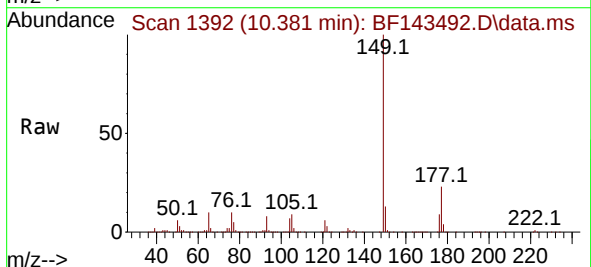
Manual Integrations
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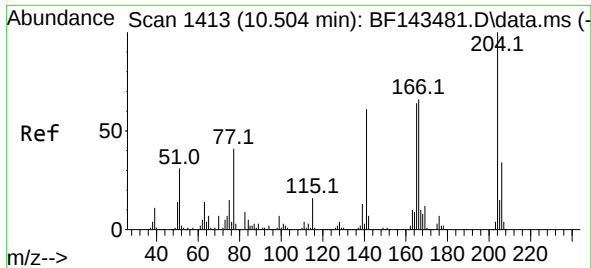
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#60
Diethylphthalate
Concen: 47.439 ng
RT: 10.381 min Scan# 1392
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

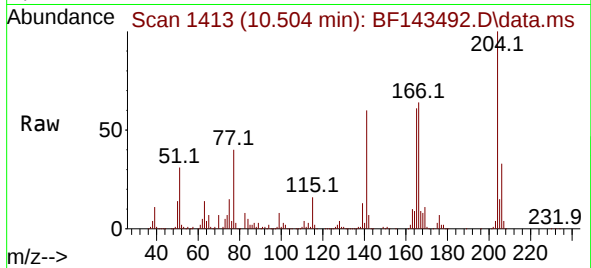
Tgt Ion:149 Resp: 728414
Ion Ratio Lower Upper
149 100
177 22.8 18.3 27.5
150 12.9 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 44.951 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

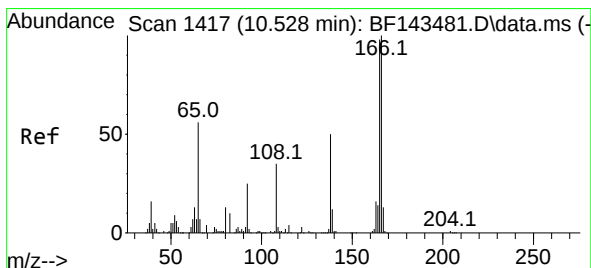
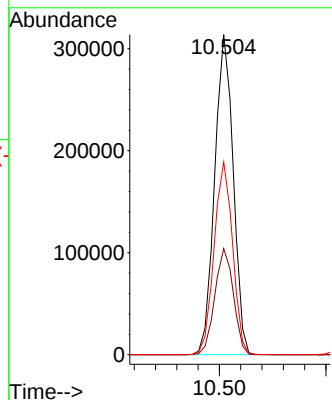
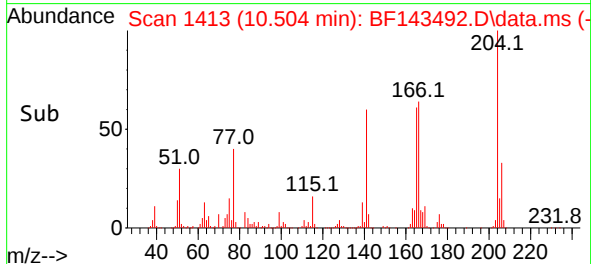
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS



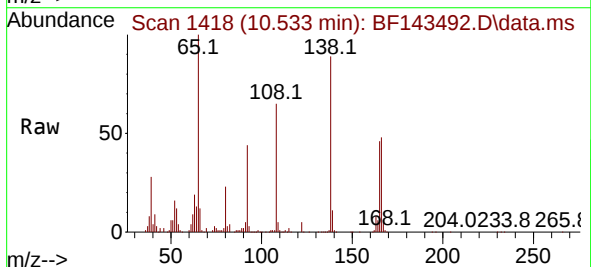
Tgt Ion:204 Resp: 379778
Ion Ratio Lower Upper
204 100
206 33.2 27.0 40.4
141 60.1 48.7 73.1

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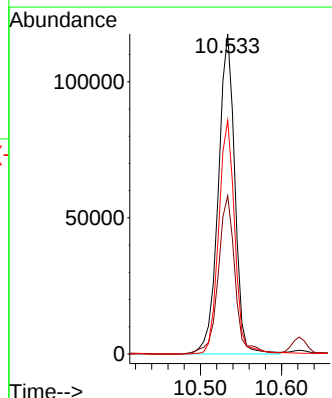
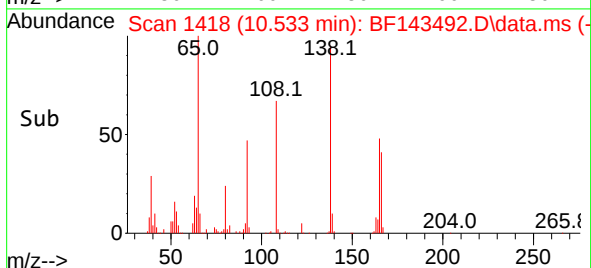
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

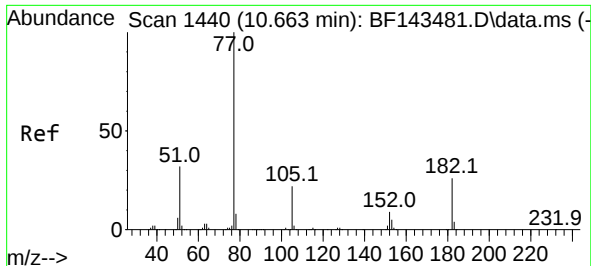


#62
4-Nitroaniline
Concen: 47.340 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41



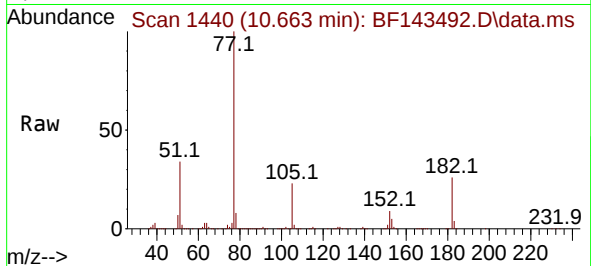
Tgt Ion:138 Resp: 166777
Ion Ratio Lower Upper
138 100
92 49.4 29.3 69.3
108 73.0 50.7 90.7





#63
Azobenzene
Concen: 50.320 ng
RT: 10.663 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

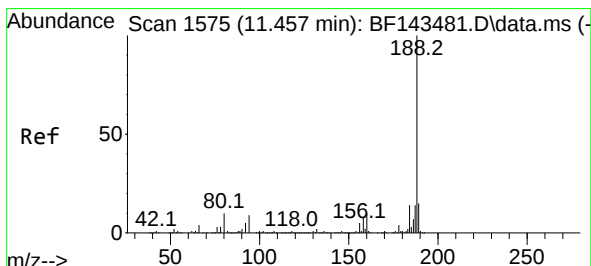
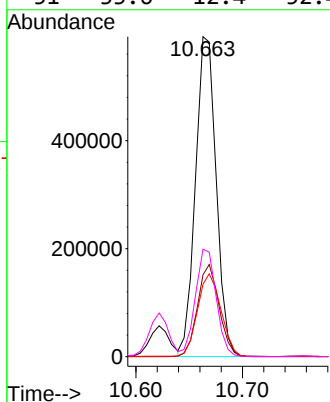
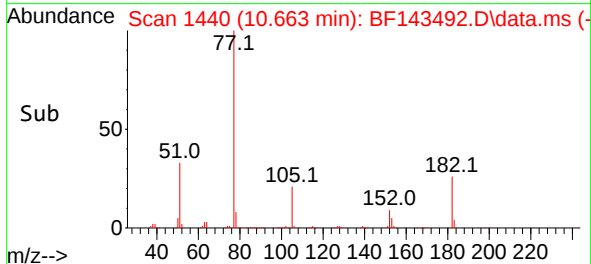
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS



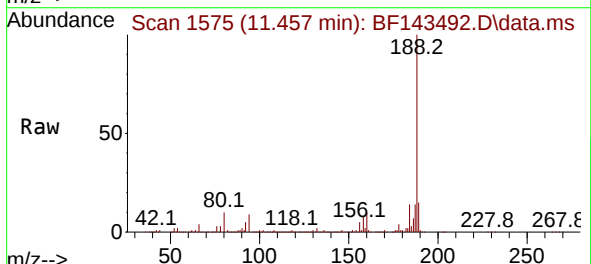
Tgt Ion: 77 Resp: 801150
Ion Ratio Lower Upper
77 100
182 25.6 6.2 46.2
105 22.7 2.2 42.2
51 33.6 12.4 52.4

Manual Integrations
APPROVED

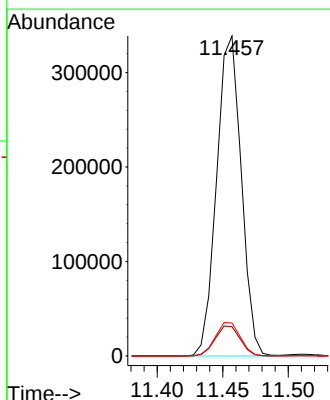
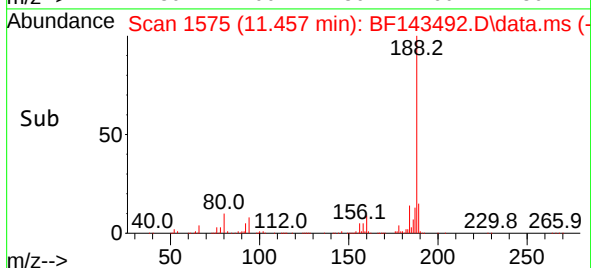
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

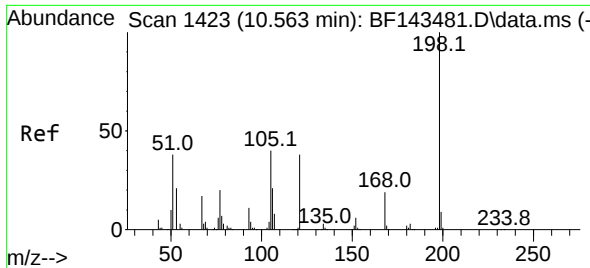


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41



Tgt Ion:188 Resp: 443017
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 10.3 8.2 12.4





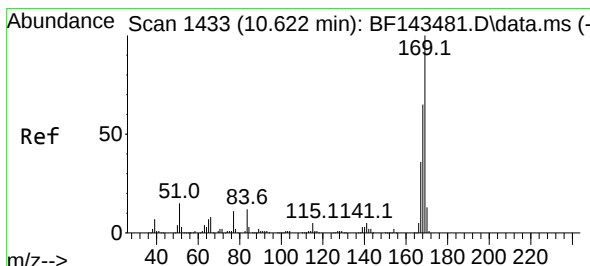
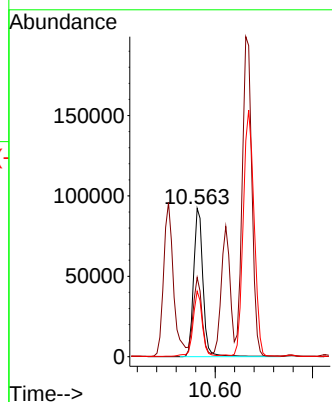
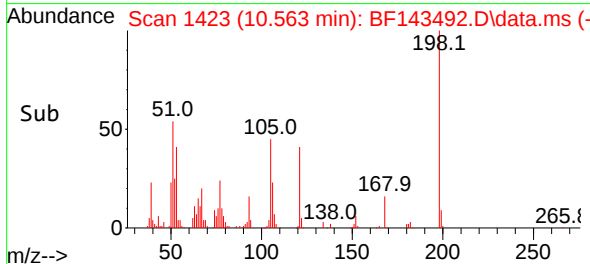
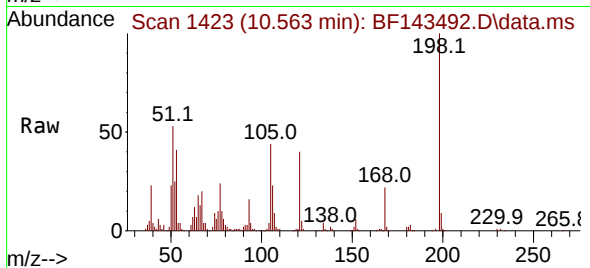
#65
4,6-Dinitro-2-methylphenol
Concen: 49.621 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

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

Tgt Ion:198 Resp: 123949
Ion Ratio Lower Upper
198 100
51 53.4 29.6 69.6
105 44.2 21.5 61.5

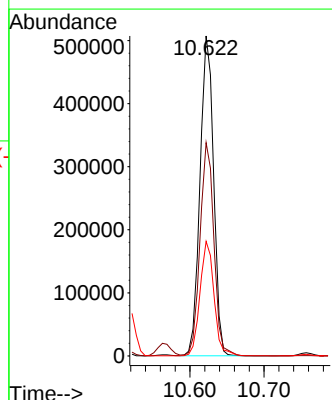
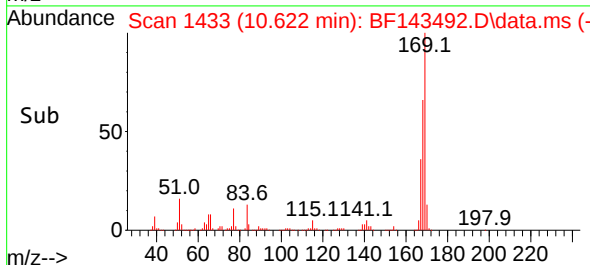
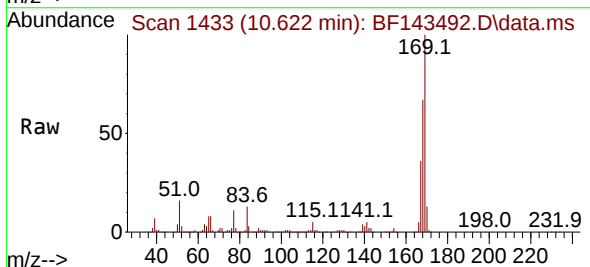
Manual Integrations
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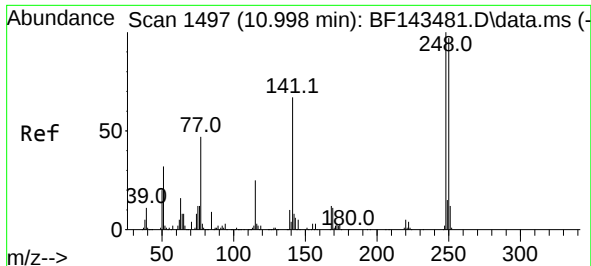
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#66
n-Nitrosodiphenylamine
Concen: 45.199 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

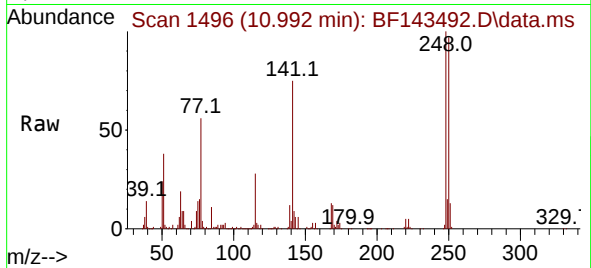
Tgt Ion:169 Resp: 644412
Ion Ratio Lower Upper
169 100
168 66.6 52.4 78.6
167 35.8 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 46.282 ng
RT: 10.992 min Scan# 1496
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

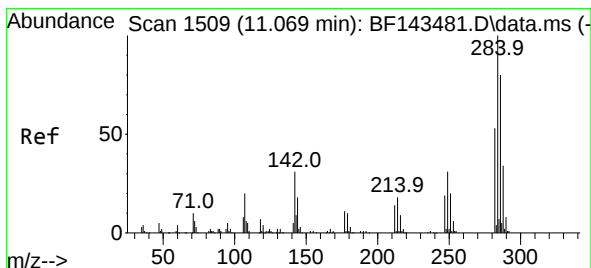
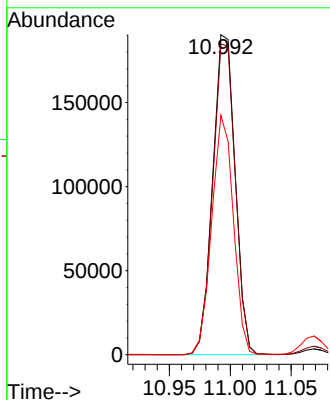
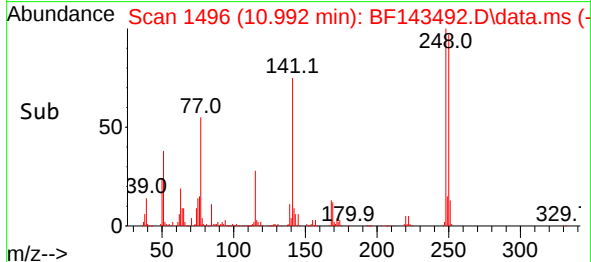
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS



Tgt Ion:248 Resp: 24464
Ion Ratio Lower Upper
248 100
250 97.1 77.8 116.8
141 74.8 54.0 81.0

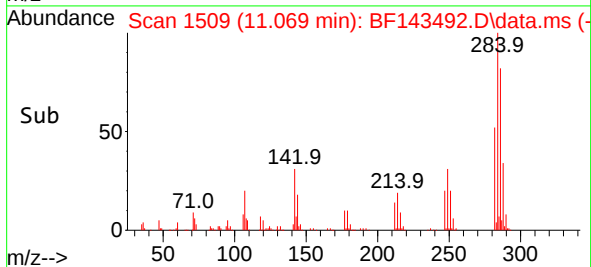
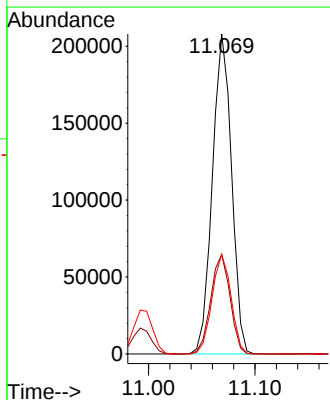
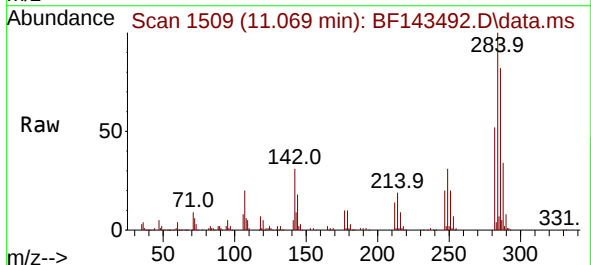
Manual Integrations
APPROVED

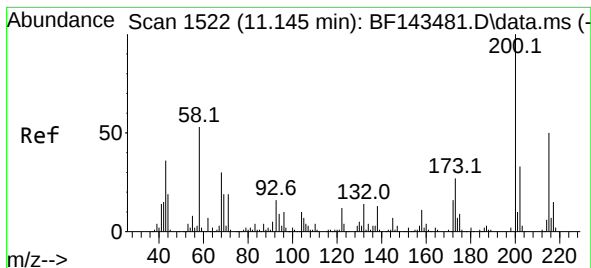
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#68
Hexachlorobenzene
Concen: 45.619 ng
RT: 11.069 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

Tgt Ion:284 Resp: 259928
Ion Ratio Lower Upper
284 100
142 31.1 24.4 36.6
249 31.1 25.0 37.6





#69

Atrazine

Concen: 49.447 ng

RT: 11.145 min Scan# 1522

Delta R.T. -0.006 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMS

Tgt Ion:200 Resp: 181980

Ion Ratio Lower Upper

200 100

173 27.5 6.9 46.9

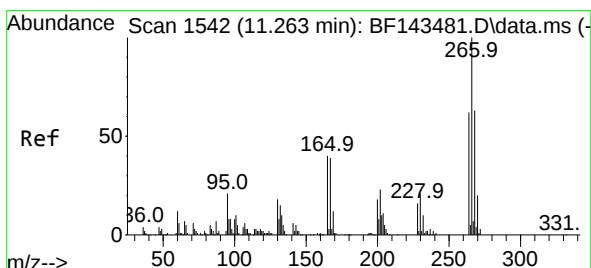
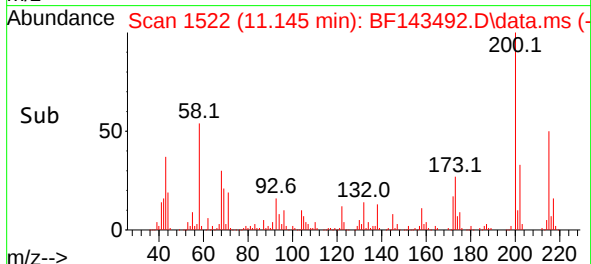
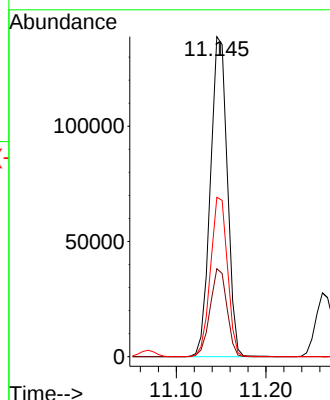
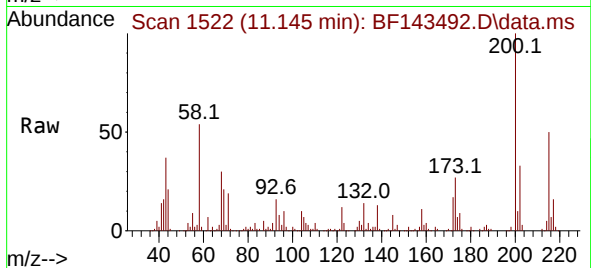
215 49.8 30.0 70.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/21/2025

Supervised By :Jagrut Upadhyay 08/21/2025



#70

Pentachlorophenol

Concen: 96.136 ng

RT: 11.263 min Scan# 1542

Delta R.T. -0.006 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

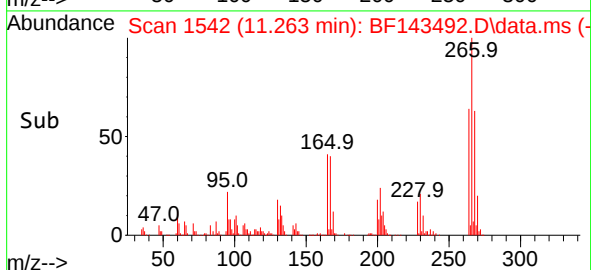
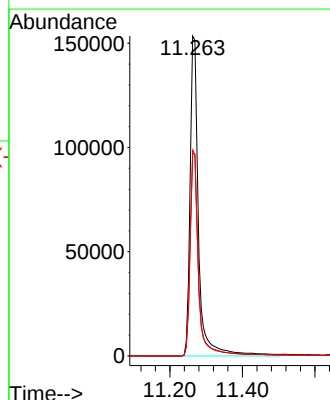
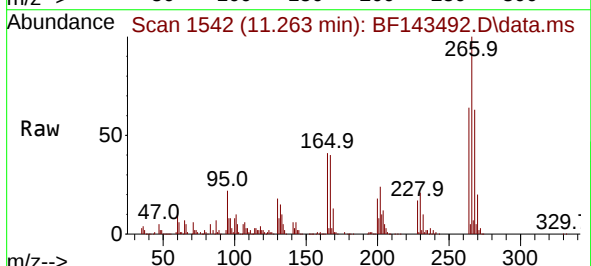
Tgt Ion:266 Resp: 250868

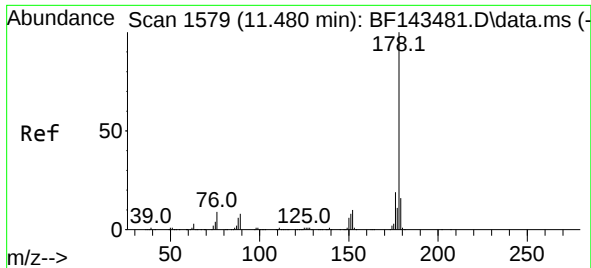
Ion Ratio Lower Upper

266 100

268 63.4 50.5 75.7

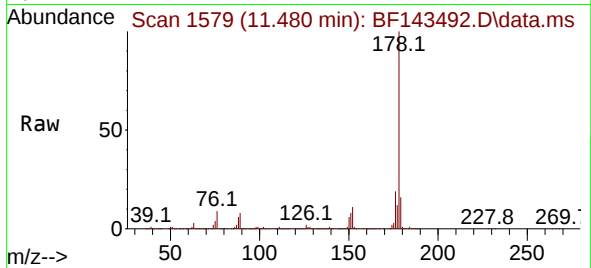
264 64.4 49.8 74.8





#71
Phenanthrene
Concen: 44.599 ng
RT: 11.480 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

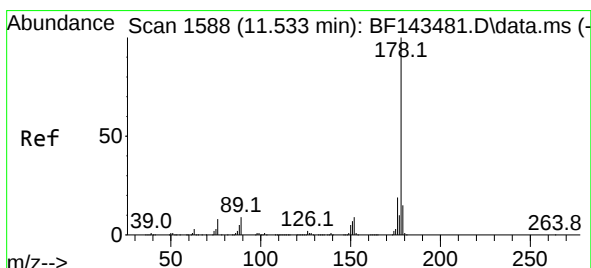
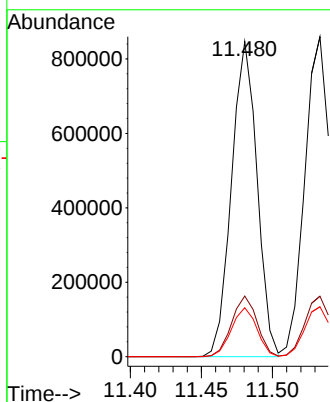
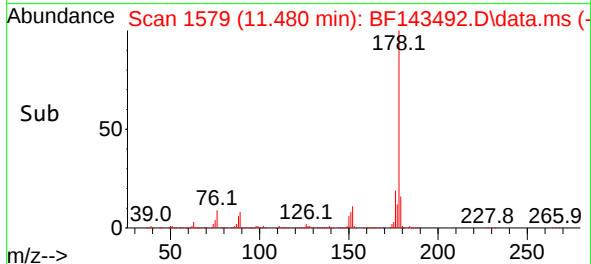
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS



Tgt Ion:178 Resp: 105808
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.5 12.5 18.7

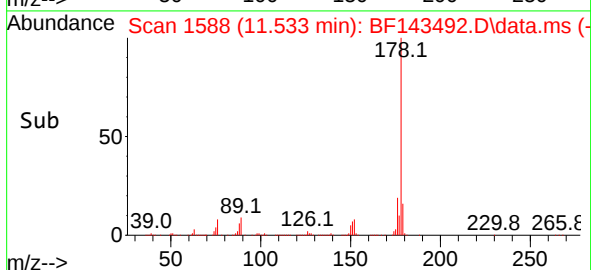
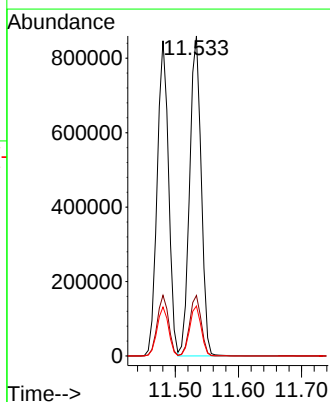
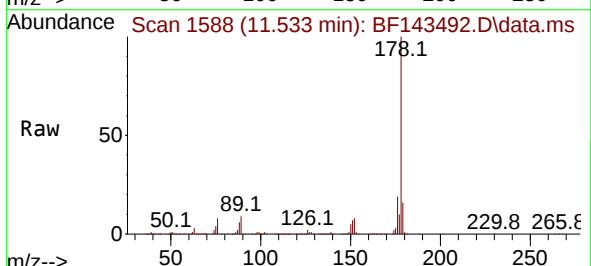
Manual Integrations
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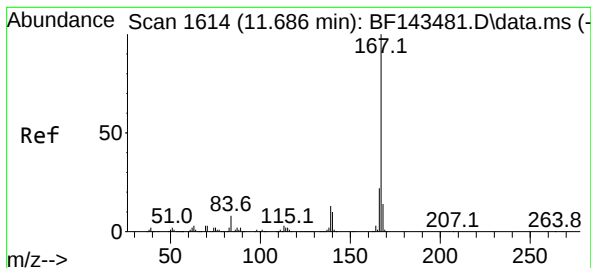
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#72
Anthracene
Concen: 45.418 ng
RT: 11.533 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

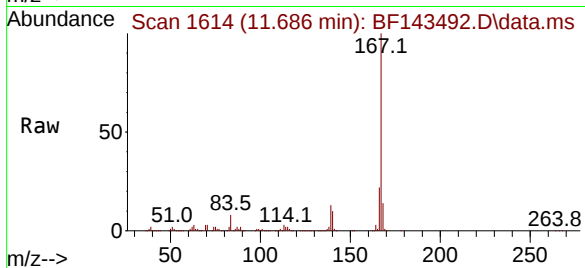
Tgt Ion:178 Resp: 1091560
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.6 12.3 18.5





#73
 Carbazole
 Concen: 45.223 ng
 RT: 11.686 min Scan# 1614
 Delta R.T. 0.000 min
 Lab File: BF143492.D
 Acq: 20 Aug 2025 18:41

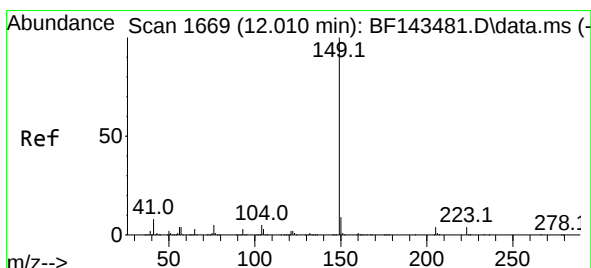
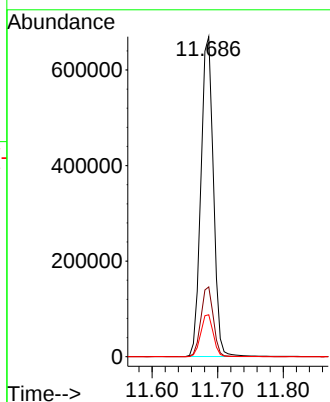
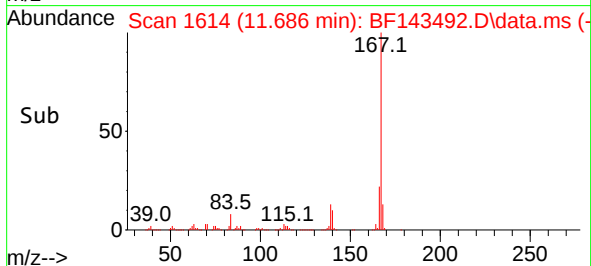
Instrument :
 BNA_F
 ClientSampleId :
 3-FLOOR-SOUTH-EMS



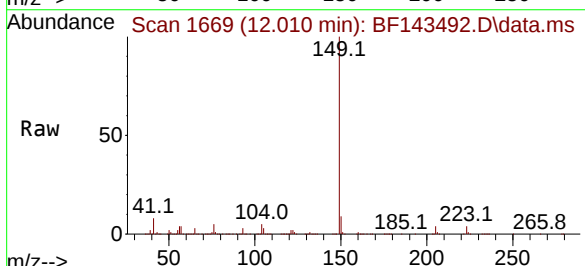
Tgt Ion:167 Resp: 890583
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.3 25.9
 139 13.1 10.0 15.0

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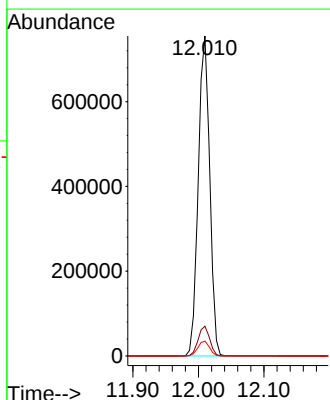
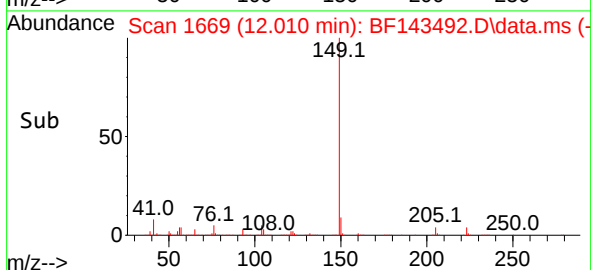
Reviewed By :Rahul Chavli 08/21/2025
 Supervised By :Jagrut Upadhyay 08/21/2025

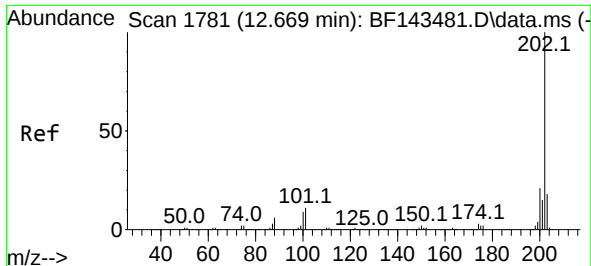


#74
 Di-n-butylphthalate
 Concen: 50.110 ng
 RT: 12.010 min Scan# 1669
 Delta R.T. 0.000 min
 Lab File: BF143492.D
 Acq: 20 Aug 2025 18:41



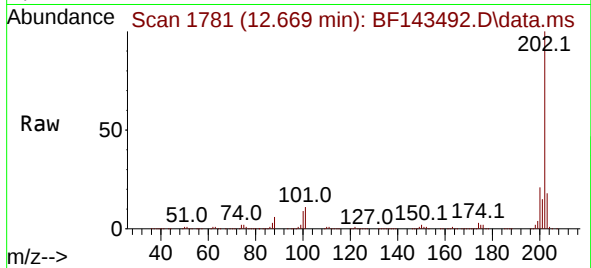
Tgt Ion:149 Resp: 920596
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.2 10.8
 104 4.6 3.6 5.4





#75
Fluoranthene
Concen: 43.927 ng
RT: 12.669 min Scan# 1781
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

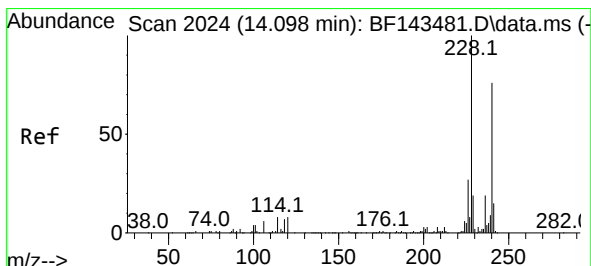
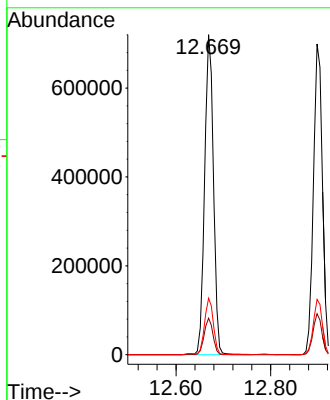
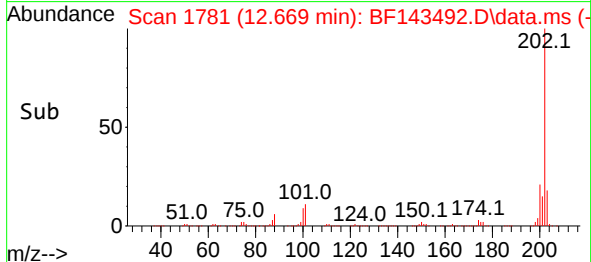
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS



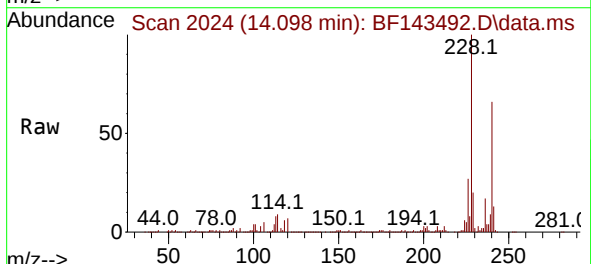
Tgt Ion:202 Resp: 935114
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.3
203 17.7 0.0 37.9

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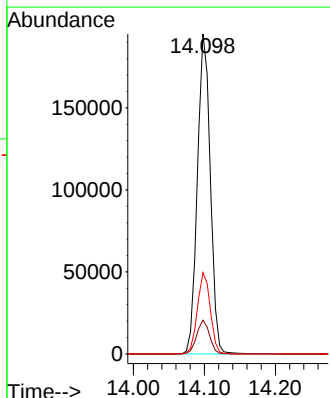
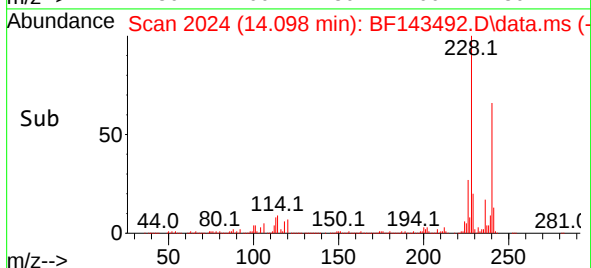
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

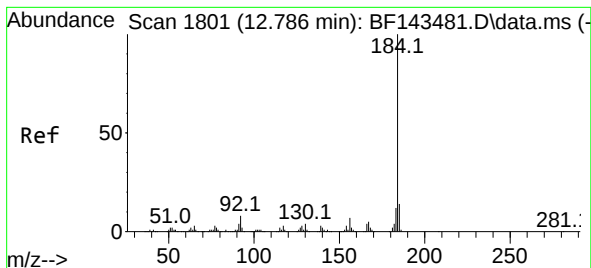


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41



Tgt Ion:240 Resp: 247894
Ion Ratio Lower Upper
240 100
120 10.5 8.6 12.8
236 25.4 20.4 30.6





#77

Benzidine

Concen: 44.181 ng

RT: 12.786 min Scan# 1801

Delta R.T. 0.000 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMS

Tgt Ion:184 Resp: 26678

Ion Ratio Lower Upper

184 100

185 14.5 11.3 16.9

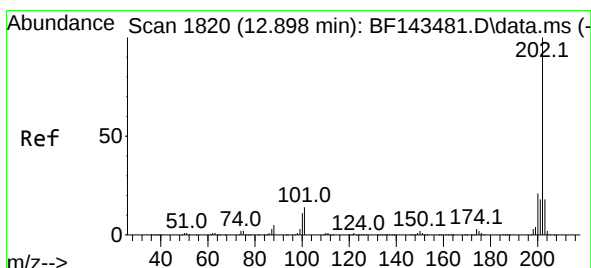
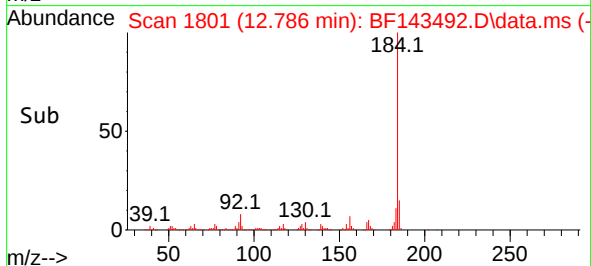
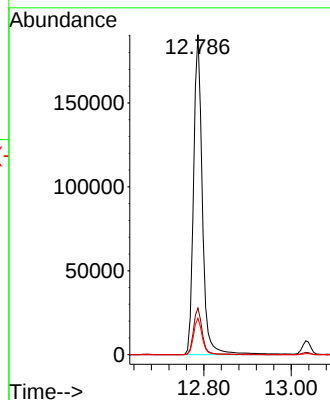
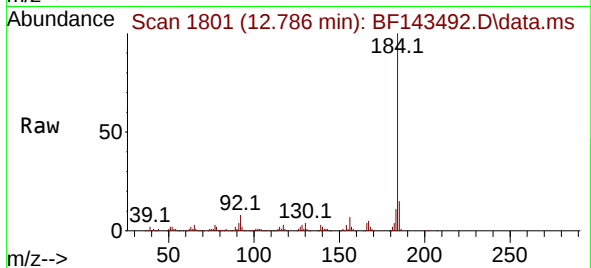
183 11.4 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/21/2025

Supervised By :Jagrut Upadhyay 08/21/2025



#78

Pyrene

Concen: 45.148 ng

RT: 12.898 min Scan# 1820

Delta R.T. -0.006 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

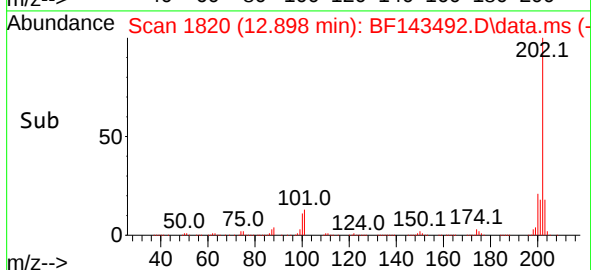
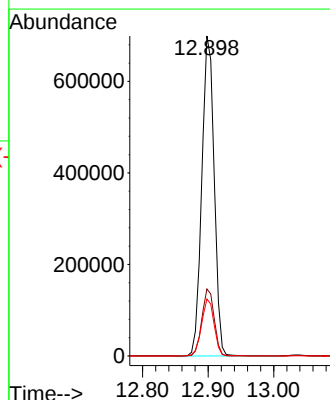
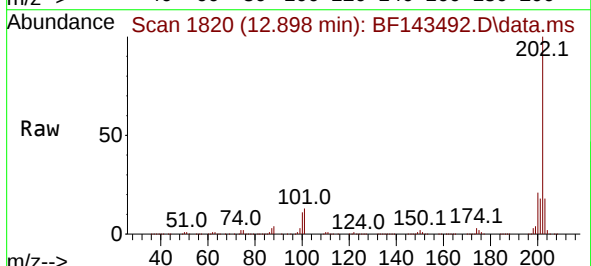
Tgt Ion:202 Resp: 920612

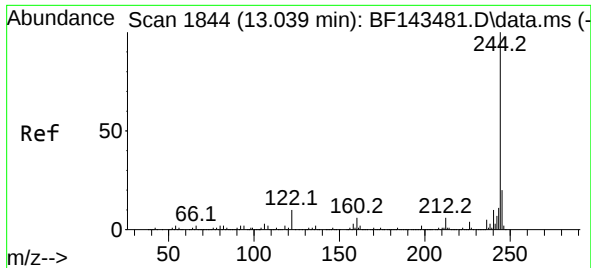
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

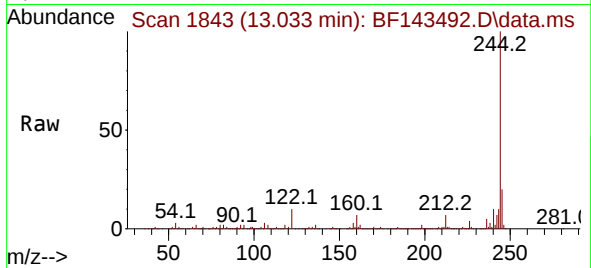
203 17.8 14.3 21.5





#79
 Terphenyl-d14
 Concen: 59.798 ng
 RT: 13.033 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF143492.D
 Acq: 20 Aug 2025 18:41

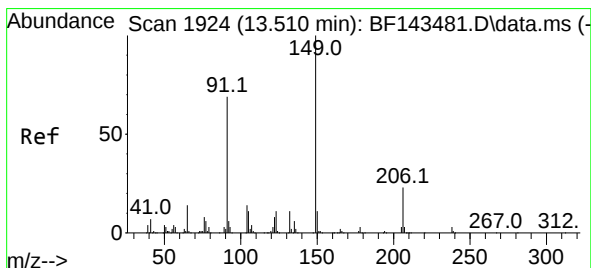
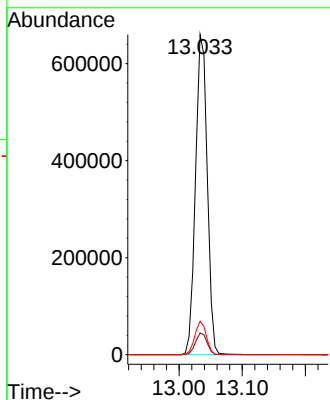
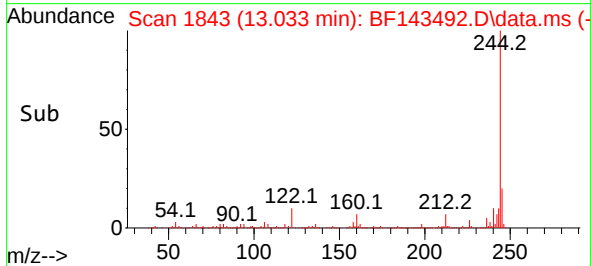
Instrument :
 BNA_F
 ClientSampleId :
 3-FLOOR-SOUTH-EMS



Tgt Ion:244 Resp: 849472
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.2 7.8
 122 10.5 7.9 11.9

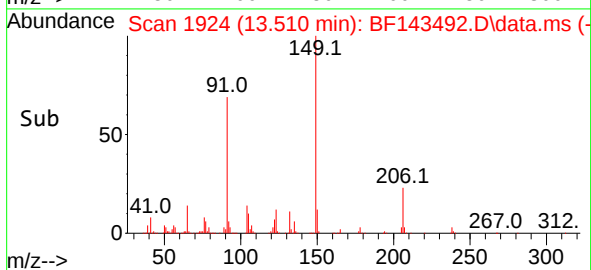
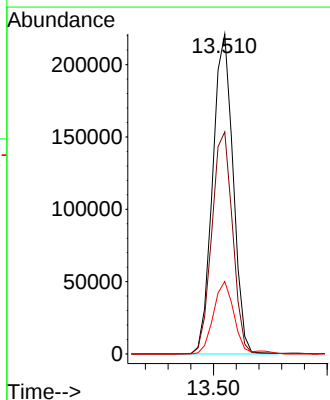
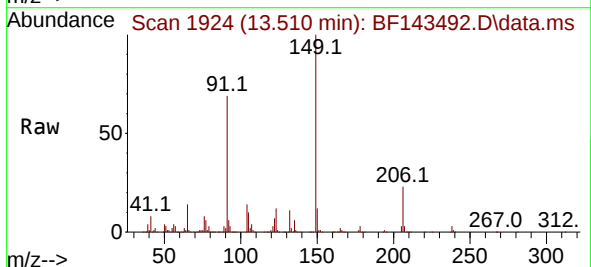
Manual Integrations
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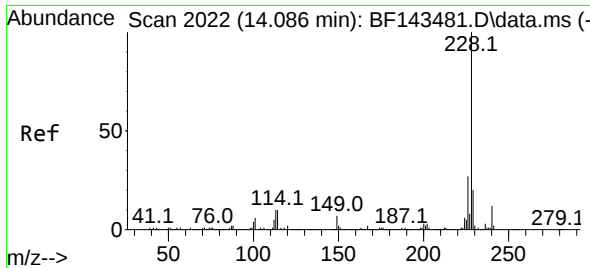
Reviewed By :Rahul Chavli 08/21/2025
 Supervised By :Jagrut Upadhyay 08/21/2025



#80
 Butylbenzylphthalate
 Concen: 49.674 ng
 RT: 13.510 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: BF143492.D
 Acq: 20 Aug 2025 18:41

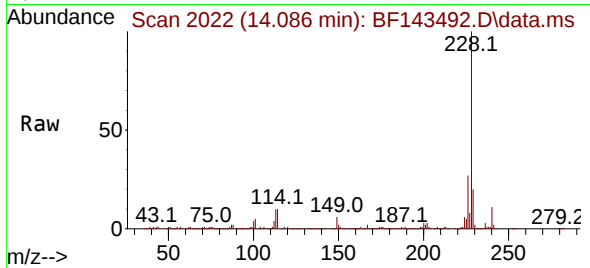
Tgt Ion:149 Resp: 276711
 Ion Ratio Lower Upper
 149 100
 91 69.4 55.3 82.9
 206 22.7 18.2 27.4





#81
Benzo(a)anthracene
Concen: 47.380 ng
RT: 14.086 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

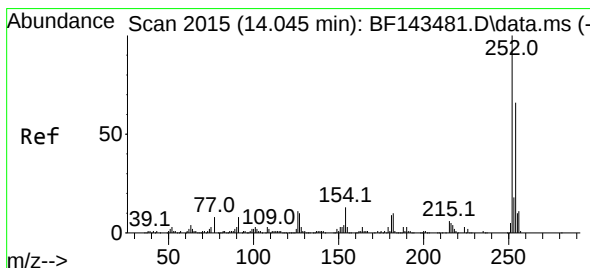
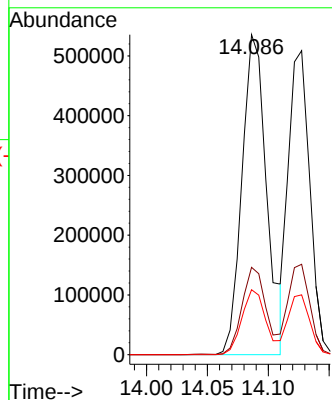
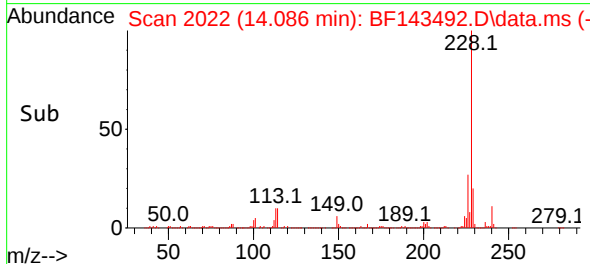
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS



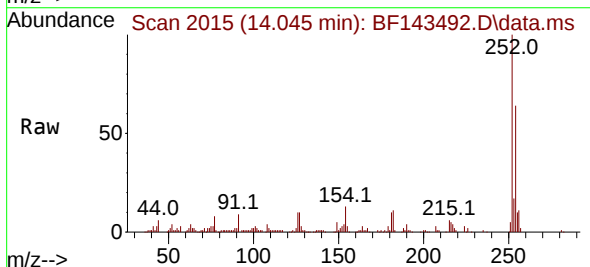
Tgt Ion:228 Resp: 75617
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 20.3 15.7 23.5

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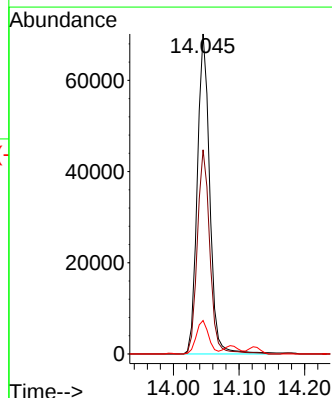
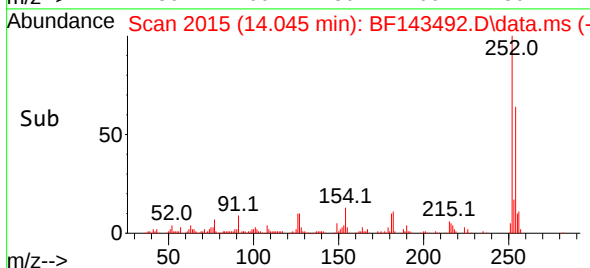
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

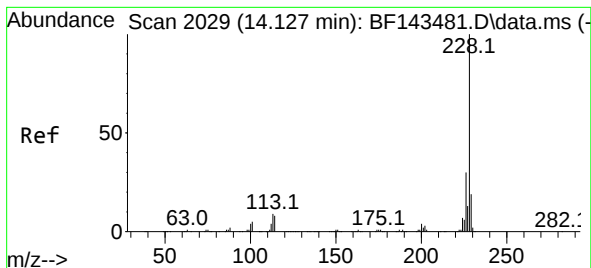


#82
3,3'-Dichlorobenzidine
Concen: 20.269 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41



Tgt Ion:252 Resp: 92641
Ion Ratio Lower Upper
252 100
254 63.8 52.6 79.0
126 10.5 8.7 13.1





#83

Chrysene

Concen: 43.344 ng

RT: 14.127 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMS

Tgt Ion:228 Resp: 62165

Ion Ratio Lower Upper

228 100

226 29.7 23.7 35.5

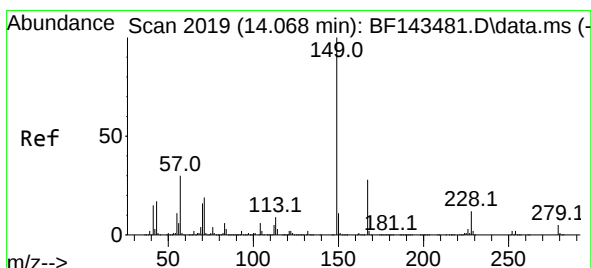
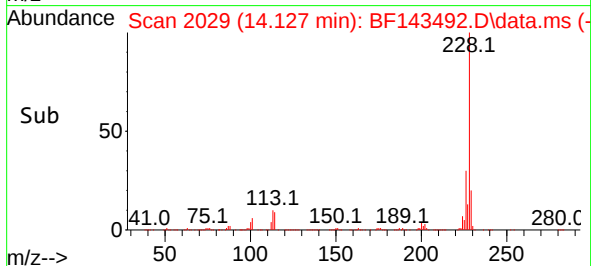
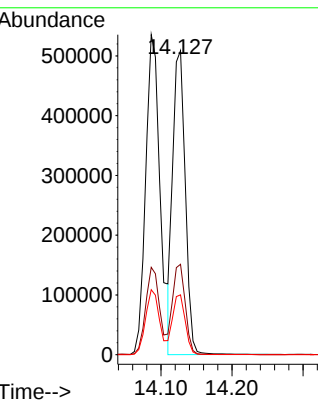
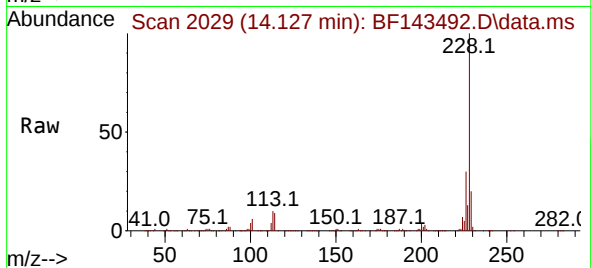
229 19.7 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/21/2025

Supervised By :Jagrut Upadhyay 08/21/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.297 ng

RT: 14.069 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

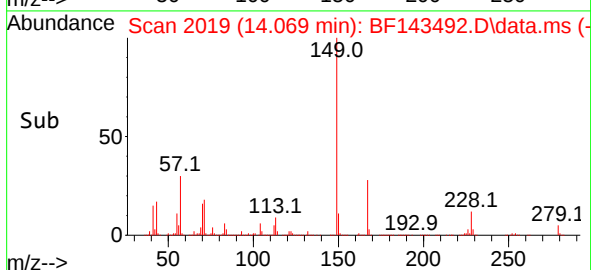
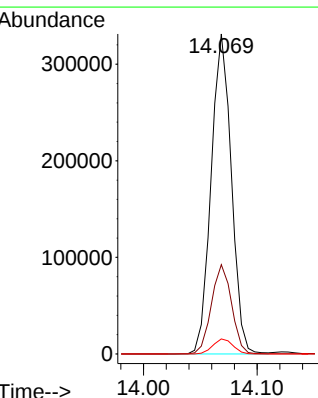
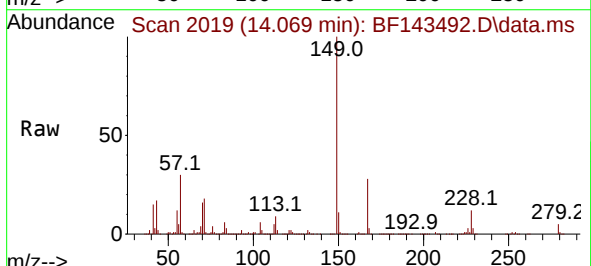
Tgt Ion:149 Resp: 409766

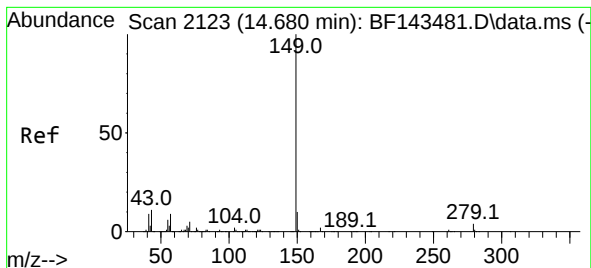
Ion Ratio Lower Upper

149 100

167 27.9 22.2 33.2

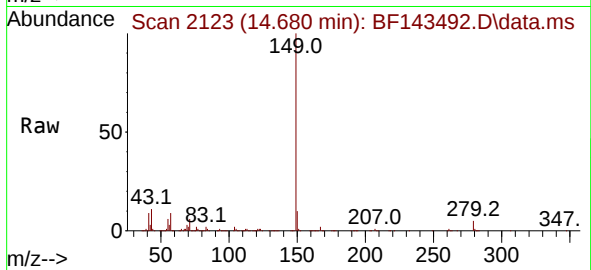
279 4.7 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 47.595 ng
RT: 14.680 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

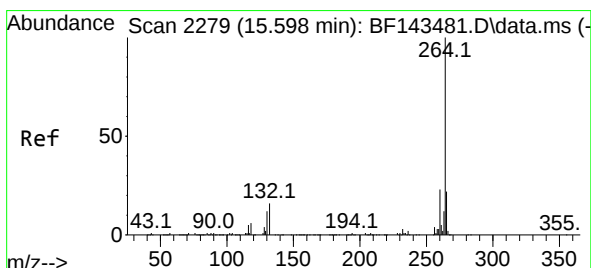
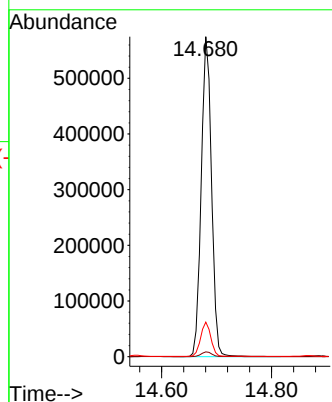
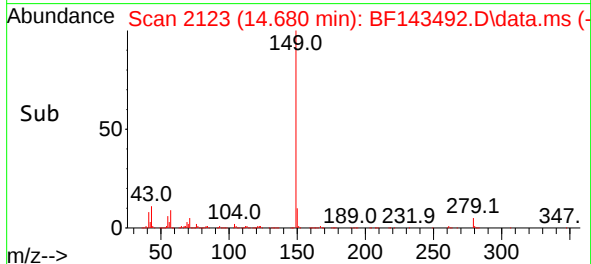
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS



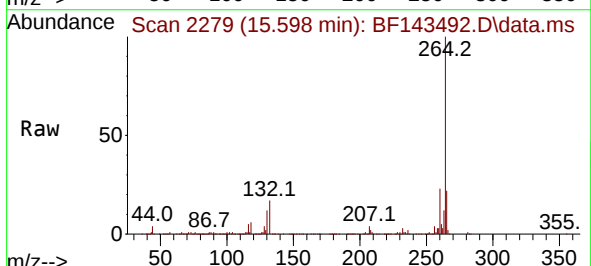
Tgt Ion:149 Resp: 74806
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.6 8.5 12.7

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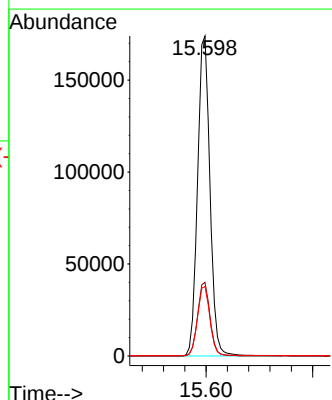
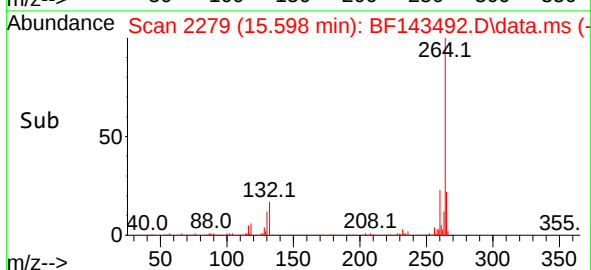
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

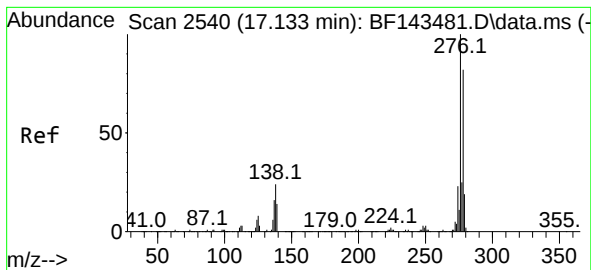


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.598 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41



Tgt Ion:264 Resp: 280470
Ion Ratio Lower Upper
264 100
260 23.0 18.7 28.1
265 21.7 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.998 ng

RT: 17.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMS

Tgt Ion:276 Resp: 927072

Ion Ratio Lower Upper

276 100

138 24.1 19.2 28.8

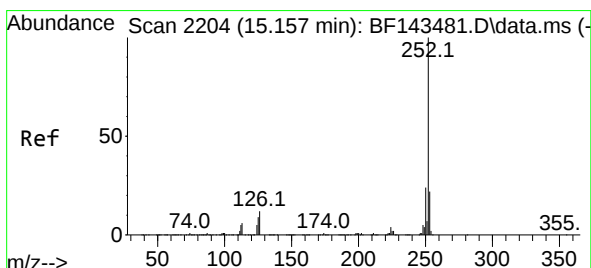
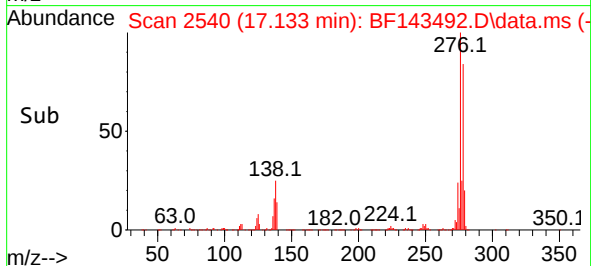
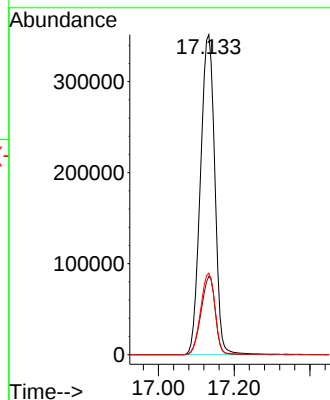
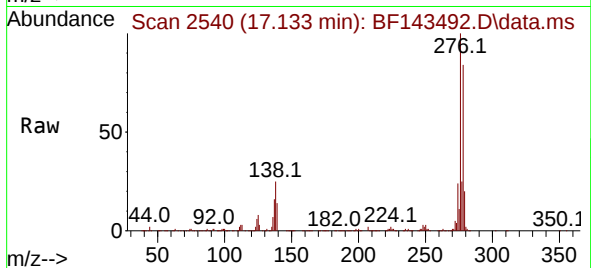
277 25.5 20.3 30.5

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: 46.944 ng

RT: 15.157 min Scan# 2204

Delta R.T. 0.000 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

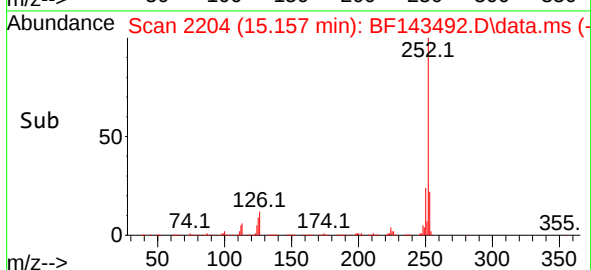
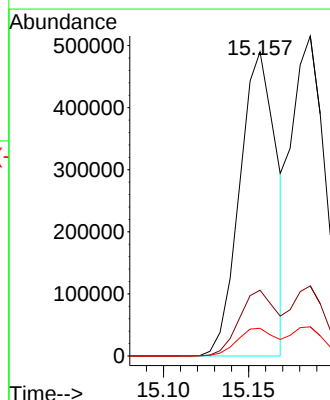
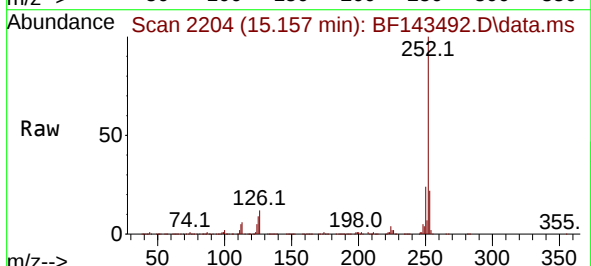
Tgt Ion:252 Resp: 731867

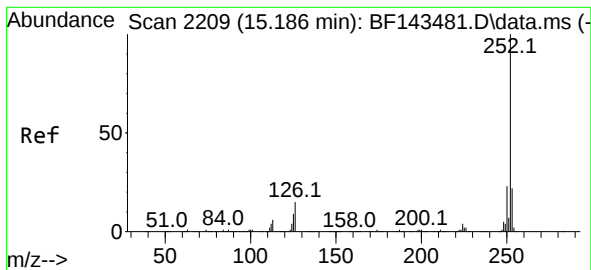
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 9.1 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 47.624 ng

RT: 15.186 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMS

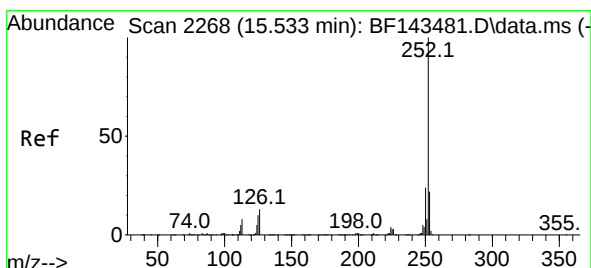
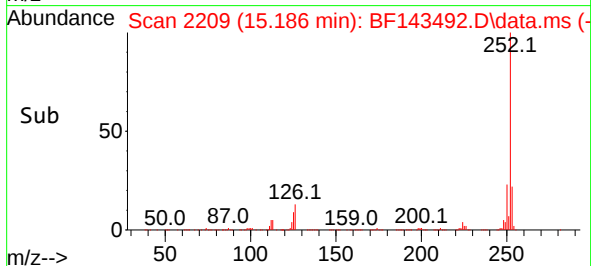
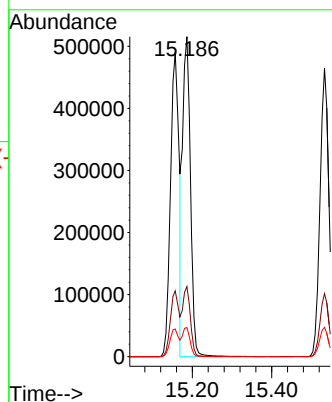
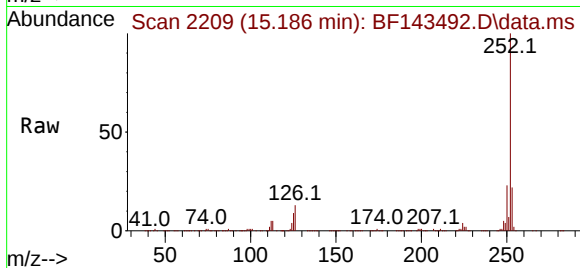
Tgt Ion:252 Resp: 71087
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.4 26.2
 125 9.1 7.4 11.0

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: 49.740 ng

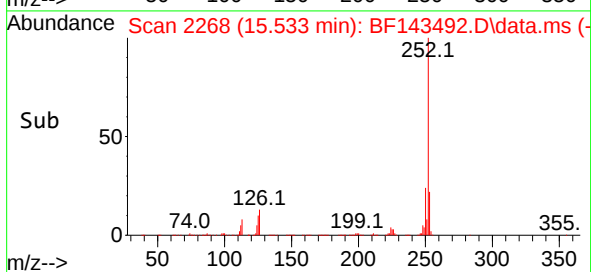
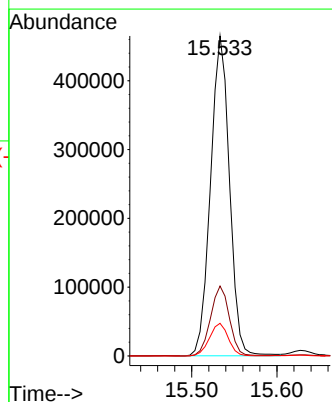
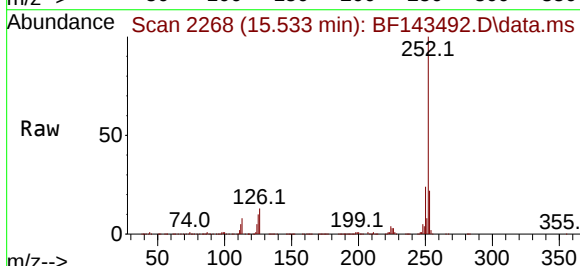
RT: 15.533 min Scan# 2268

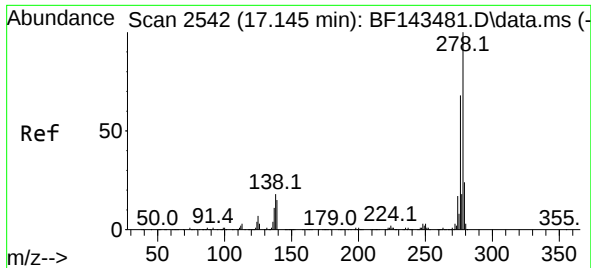
Delta R.T. -0.006 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

Tgt Ion:252 Resp: 719793
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.4 26.0
 125 10.2 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 46.491 ng

RT: 17.145 min Scan# 2542

Delta R.T. -0.012 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMS

Tgt Ion:278 Resp: 750429

Ion Ratio Lower Upper

278 100

139 15.1 12.1 18.1

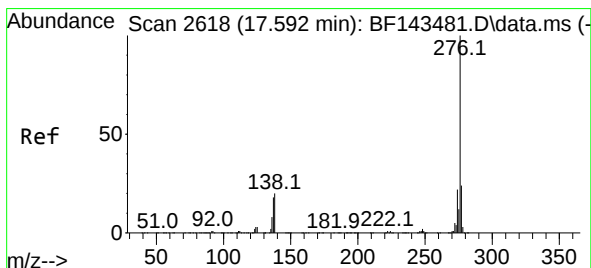
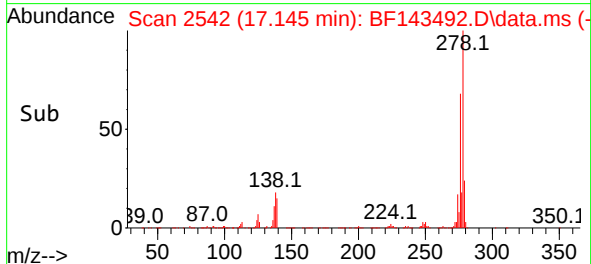
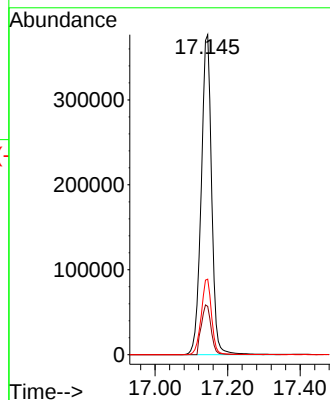
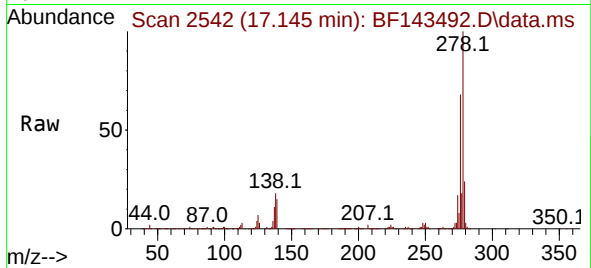
279 23.6 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/21/2025

Supervised By :Jagrut Upadhyay 08/21/2025



#92

Benzo(g,h,i)perylene

Concen: 47.277 ng

RT: 17.592 min Scan# 2618

Delta R.T. -0.012 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

Tgt Ion:276 Resp: 758815

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 20.7 16.3 24.5

