

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
 Data File : BF143370.D
 Acq On : 13 Aug 2025 12:42
 Operator : RC/JU
 Sample : Q2808-04MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/14/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 13 13:02:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:25:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	190071	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	752593	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	421277	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	682806	20.000	ng	0.00
76) Chrysene-d12	14.092	240	425600	20.000	ng	0.00
86) Perylene-d12	15.580	264	390381	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1244887	113.259	ng	0.02
7) Phenol-d6	6.569	99	1509256	107.076	ng	0.00
23) Nitrobenzene-d5	7.493	82	1153602	95.455	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	516455	167.746	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	2024293	81.483	ng	0.00
79) Terphenyl-d14	13.033	244	2118295	88.860	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.987	88	196074	34.474	ng	# 83
3) Pyridine	3.687	79	503736	33.236	ng	99
4) n-Nitrosodimethylamine	3.610	42	293778	41.611	ng	99
6) Aniline	6.593	93	291250	14.657	ng	# 39
8) 2-Chlorophenol	6.722	128	508711	43.314	ng	97
9) Benzaldehyde	6.481	77	174007	18.678	ng	99
10) Phenol	6.581	94	582622	34.892	ng	99
11) bis(2-Chloroethyl)ether	6.663	93	529870	43.056	ng	99
12) 1,3-Dichlorobenzene	6.875	146	539794	39.846	ng	99
13) 1,4-Dichlorobenzene	6.951	146	550256	40.471	ng	100
14) 1,2-Dichlorobenzene	7.098	146	532924	41.291	ng	99
15) Benzyl Alcohol	7.069	79	484108	47.914	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.204	45	915823	41.684	ng	99
17) 2-Methylphenol	7.187	107	421064	42.472	ng	98
18) Hexachloroethane	7.445	117	185426	43.500	ng	96
19) n-Nitroso-di-n-propyla...	7.345	70	388636	44.622	ng	98
20) 3+4-Methylphenols	7.340	107	501375	41.817	ng	96
22) Acetophenone	7.334	105	690536	41.643	ng	97
24) Nitrobenzene	7.510	77	568157	43.288	ng	97
25) Isophorone	7.751	82	1093114	44.307	ng	100
26) 2-Nitrophenol	7.828	139	278125	52.507	ng	97
27) 2,4-Dimethylphenol	7.863	122	500491	48.625	ng	99
28) bis(2-Chloroethoxy)met...	7.951	93	671958	44.610	ng	99
29) 2,4-Dichlorophenol	8.069	162	457828	45.541	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	471664	44.478	ng	99
31) Naphthalene	8.234	128	1469749	40.585	ng	100
32) Benzoic acid	7.975	122	155619	37.752	ng	97
33) 4-Chloroaniline	8.275	127	135608	10.382	ng	99
34) Hexachlorobutadiene	8.351	225	278584	42.231	ng	100
35) Caprolactam	8.651	113	135854m	48.071	ng	
36) 4-Chloro-3-methylphenol	8.769	107	489371	46.434	ng	99
37) 2-Methylnaphthalene	8.922	142	934810	39.265	ng	100
38) 1-Methylnaphthalene	9.022	142	960014	41.868	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	479110	41.561	ng	99
41) Hexachlorocyclopentadiene	9.081	237	355145	86.728	ng	98
43) 2,4,6-Trichlorophenol	9.204	196	321774	49.195	ng	99

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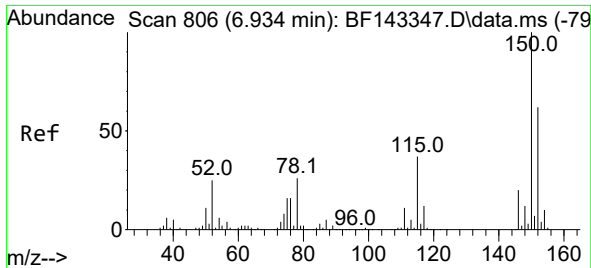
Manual Integrations
 APPROVED

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 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 13 13:02:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:25:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	349198	47.277	ng	98
46) 1,1'-Biphenyl	9.387	154	1260334	42.312	ng	100
47) 2-Chloronaphthalene	9.416	162	974703	41.549	ng	99
48) 2-Nitroaniline	9.504	65	345359	50.869	ng	99
49) Acenaphthylene	9.828	152	1602536	47.303	ng	100
50) Dimethylphthalate	9.687	163	1266602	51.455	ng	100
51) 2,6-Dinitrotoluene	9.745	165	264333	56.207	ng	95
52) Acenaphthene	10.004	154	963188	42.766	ng	100
53) 3-Nitroaniline	9.916	138	116981	23.205	ng	98
54) 2,4-Dinitrophenol	10.028	184	88070	54.118	ng	# 80
55) Dibenzofuran	10.175	168	1409261	43.476	ng	100
56) 4-Nitrophenol	10.086	139	319323	79.309	ng	96
57) 2,4-Dinitrotoluene	10.151	165	361569	57.836	ng	92
58) Fluorene	10.516	166	1081757	43.691	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	299765	60.205	ng	97
60) Diethylphthalate	10.386	149	1138434	51.632	ng	98
61) 4-Chlorophenyl-phenyle...	10.504	204	546685	45.697	ng	99
62) 4-Nitroaniline	10.534	138	251185	51.501	ng	98
63) Azobenzene	10.663	77	1179720	46.843	ng	99
65) 4,6-Dinitro-2-methylph...	10.563	198	105084	39.546	ng	94
66) n-Nitrosodiphenylamine	10.622	169	968942	43.096	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	362087	46.367	ng	98
68) Hexachlorobenzene	11.069	284	378815	45.003	ng	98
69) Atrazine	11.151	200	326627	55.699	ng	99
70) Pentachlorophenol	11.263	266	336697	81.591	ng	98
71) Phenanthrene	11.480	178	1577046	42.333	ng	99
72) Anthracene	11.533	178	1616799	42.794	ng	100
73) Carbazole	11.680	167	1450867	45.091	ng	99
74) Di-n-butylphthalate	12.010	149	1792579	65.837	ng	100
75) Fluoranthene	12.669	202	1582869	48.506	ng	99
77) Benzidine	12.780	184	345521	29.695	ng	98
78) Pyrene	12.898	202	1579082	44.227	ng	99
80) Butylbenzylphthalate	13.504	149	643416	88.178	ng	97
81) Benzo(a)anthracene	14.080	228	1193812	44.132	ng	100
82) 3,3'-Dichlorobenzidine	14.039	252	199916	27.369	ng	100
83) Chrysene	14.121	228	1142634	45.300	ng	100
84) Bis(2-ethylhexyl)phtha...	14.063	149	825069	76.885	ng	97
85) Di-n-octyl phthalate	14.674	149	1150855	54.732	ng	96
87) Indeno(1,2,3-cd)pyrene	17.110	276	1205680	43.109	ng	100
88) Benzo(b)fluoranthene	15.145	252	1009008	47.256	ng	100
89) Benzo(k)fluoranthene	15.174	252	999093	48.154	ng	99
90) Benzo(a)pyrene	15.521	252	960620	47.768	ng	99
91) Dibenzo(a,h)anthracene	17.121	278	987546	44.198	ng	99
92) Benzo(g,h,i)perylene	17.562	276	922129	40.968	ng	99

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



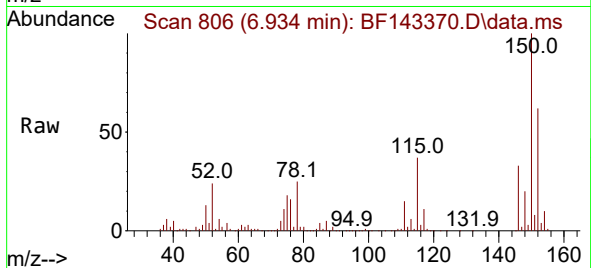
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.934 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF143370.D
 Acq: 13 Aug 2025 12:42

Instrument :

BNA_F

ClientSampleId :

TP-7MS

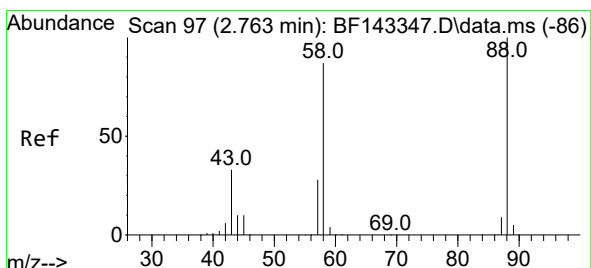
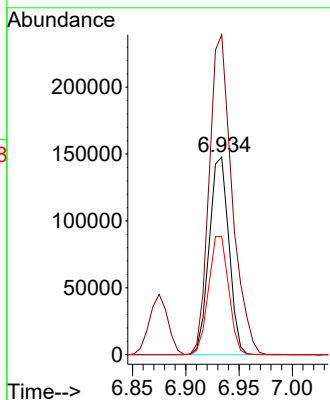
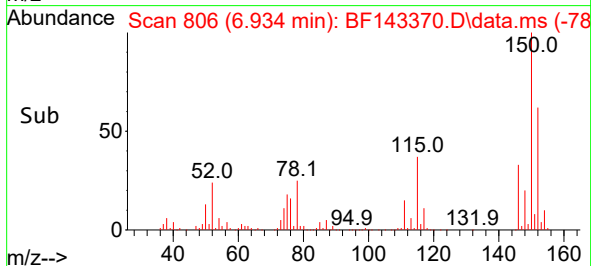


Tgt Ion:152 Resp: 190074
 Ion Ratio Lower Upper
 152 100
 150 161.9 129.8 194.8
 115 59.7 47.8 71.8

Manual Integrations

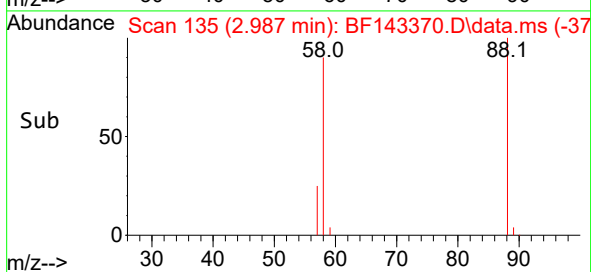
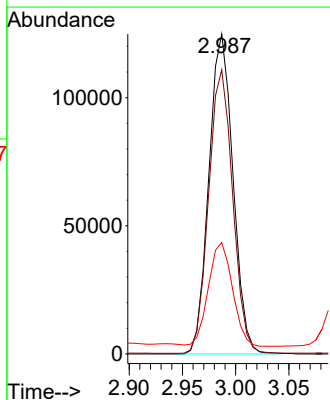
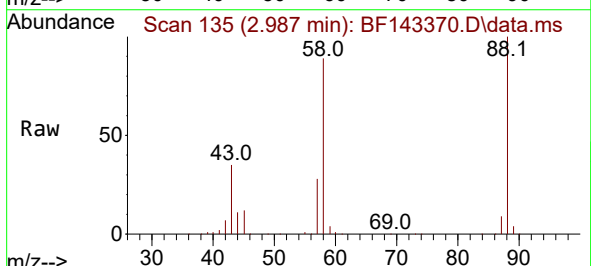
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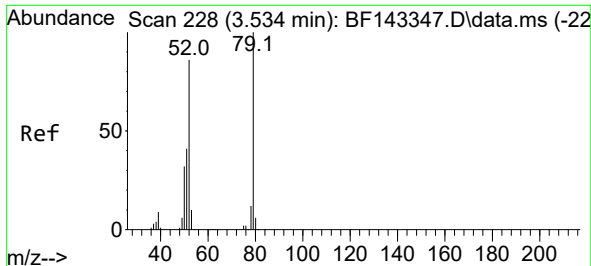
Reviewed By :Rahul Chavli 08/14/2025
 Supervised By :Jagrut Upadhyay 08/15/2025



#2
 1,4-Dioxane
 Concen: 34.474 ng
 RT: 2.987 min Scan# 135
 Delta R.T. 0.224 min
 Lab File: BF143370.D
 Acq: 13 Aug 2025 12:42

Tgt Ion: 88 Resp: 196074
 Ion Ratio Lower Upper
 88 100
 58 88.4 71.0 106.6
 43 0.0 27.0 40.6





#3

Pyridine

Concen: 33.236 ng

RT: 3.687 min Scan# 21

Delta R.T. 0.153 min

Lab File: BF143370.D

Acq: 13 Aug 2025 12:42

Instrument :

BNA_F

ClientSampleId :

TP-7MS

Tgt Ion: 79 Resp: 503730

Ion Ratio Lower Upper

79 100

52 84.8 68.7 103.1

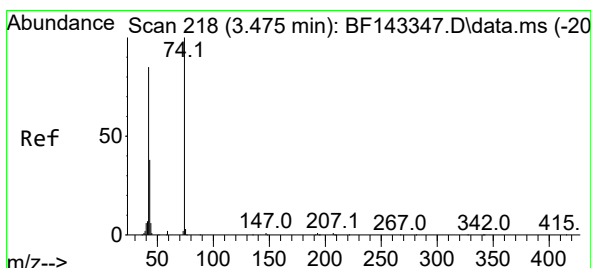
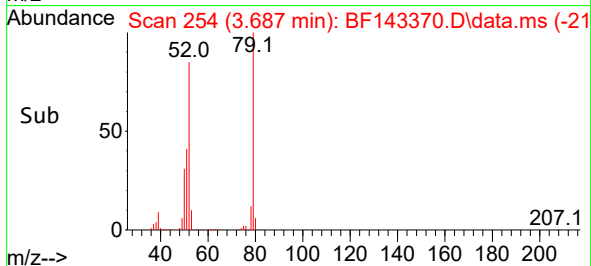
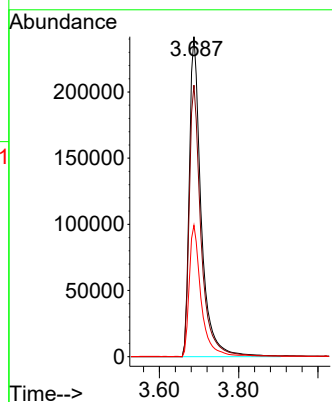
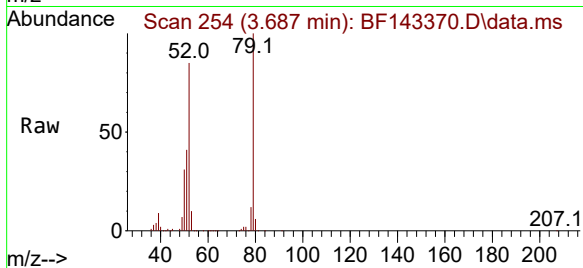
51 41.1 33.4 50.0

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 41.611 ng

RT: 3.610 min Scan# 241

Delta R.T. 0.135 min

Lab File: BF143370.D

Acq: 13 Aug 2025 12:42

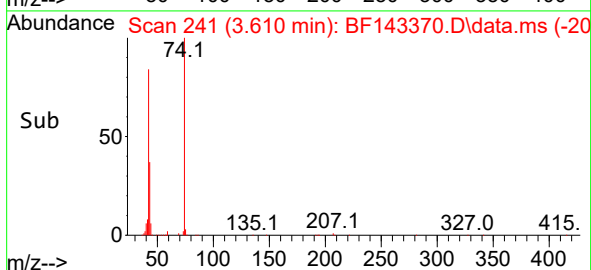
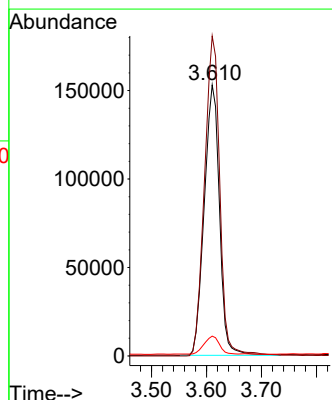
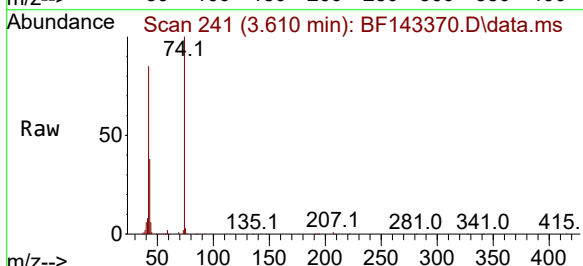
Tgt Ion: 42 Resp: 293778

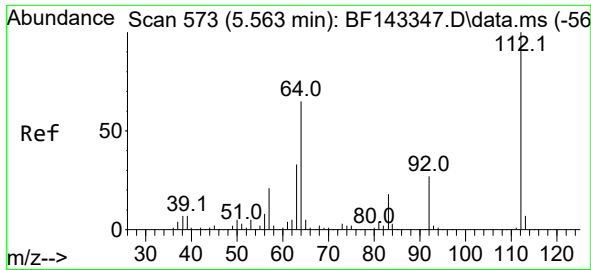
Ion Ratio Lower Upper

42 100

74 118.0 94.1 141.1

44 7.3 6.5 9.7





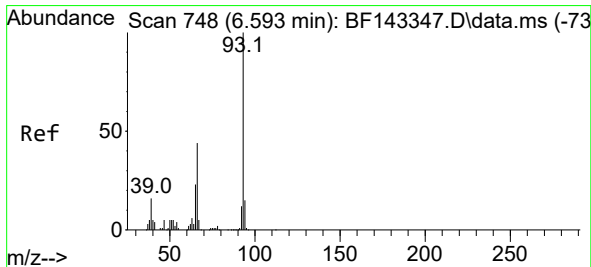
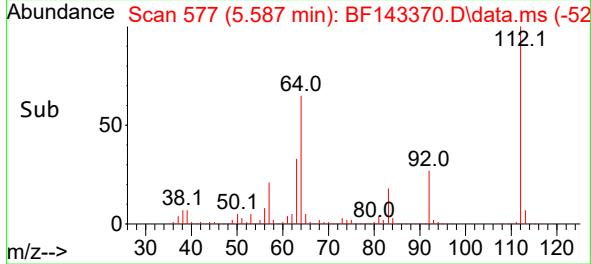
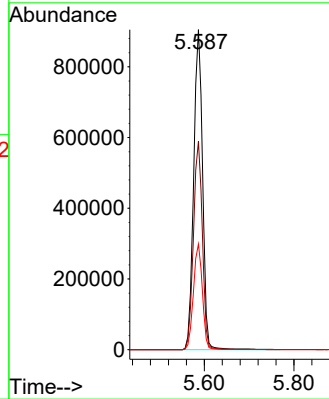
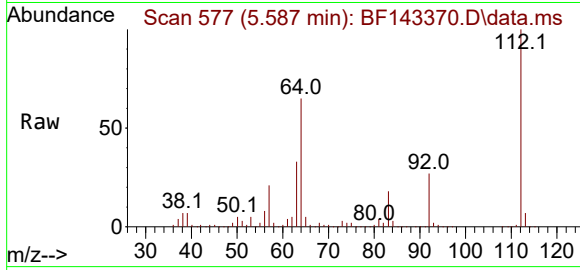
#5
2-Fluorophenol
Concen: 113.259 ng
RT: 5.587 min Scan# 511
Delta R.T. 0.024 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

Instrument :
BNA_F
ClientSampleId :
TP-7MS

Tgt Ion:112 Resp: 124488
Ion Ratio Lower Upper
112 100
64 65.1 52.1 78.1
63 33.0 26.6 39.8

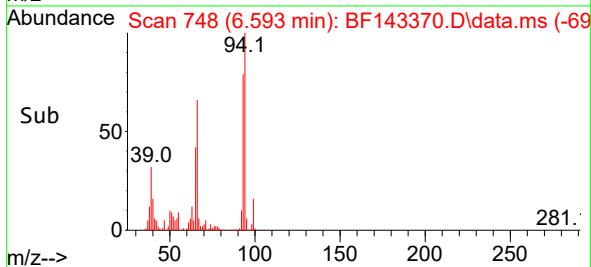
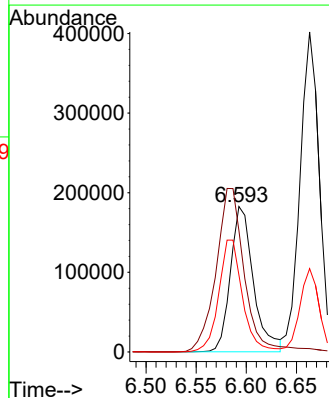
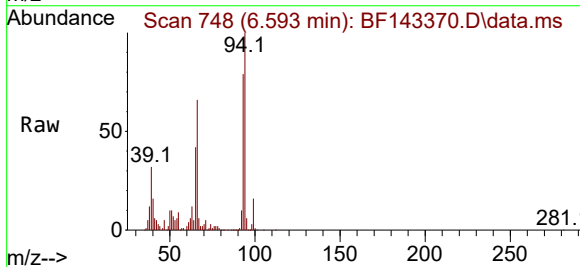
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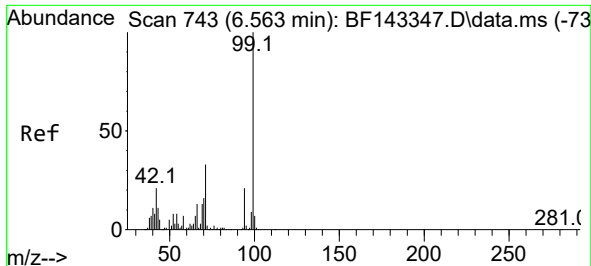
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#6
Aniline
Concen: 14.657 ng
RT: 6.593 min Scan# 748
Delta R.T. 0.000 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

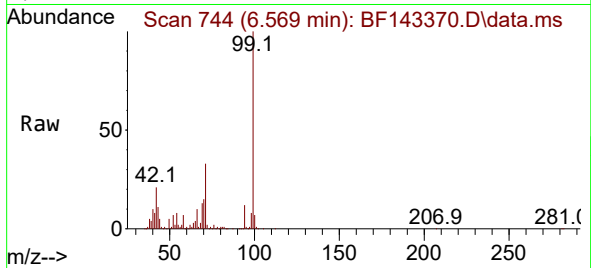
Tgt Ion: 93 Resp: 291250
Ion Ratio Lower Upper
93 100
66 83.4 35.3 52.9#
65 52.9 18.2 27.4#





#7
Phenol-d6
Concen: 107.076 ng
RT: 6.569 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

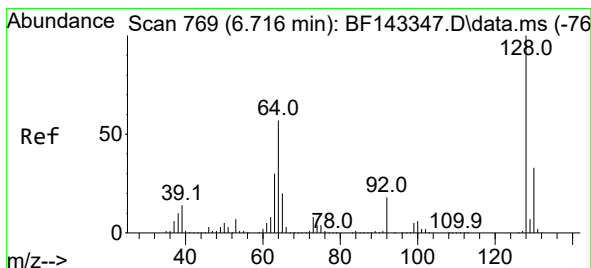
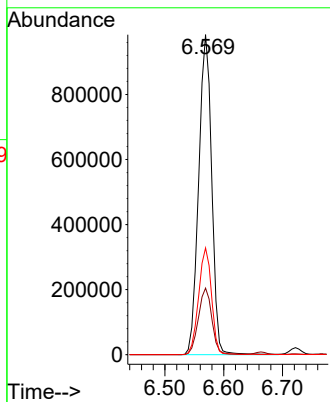
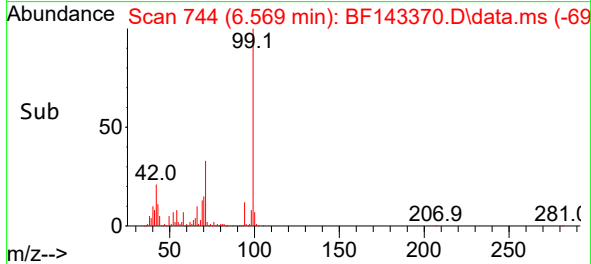
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 1509250
Ion Ratio Lower Upper
99 100
42 20.8 16.6 25.0
71 33.4 26.2 39.2

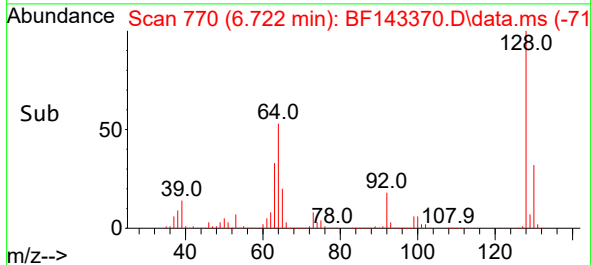
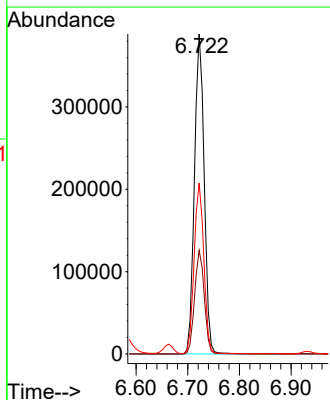
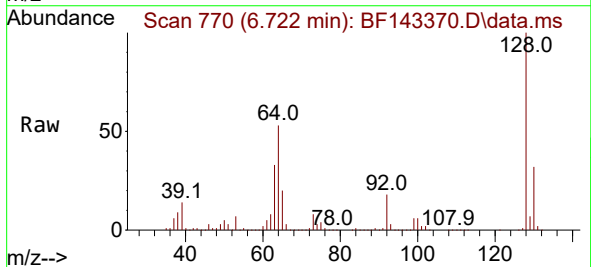
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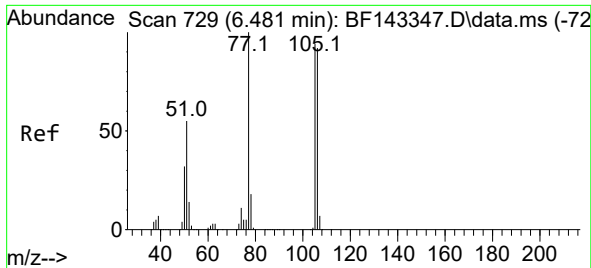
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#8
2-Chlorophenol
Concen: 43.314 ng
RT: 6.722 min Scan# 770
Delta R.T. 0.006 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

Tgt Ion:128 Resp: 508711
Ion Ratio Lower Upper
128 100
130 32.3 12.6 52.6
64 53.4 36.7 76.7





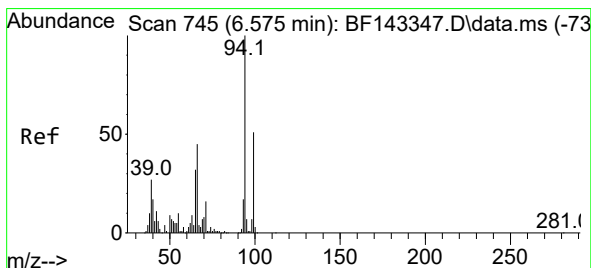
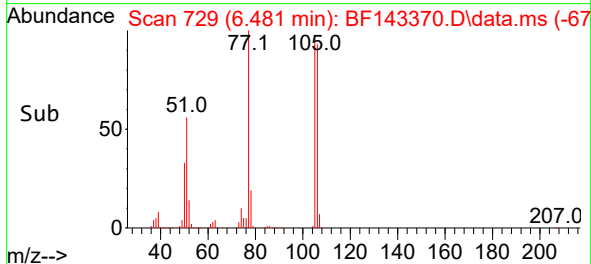
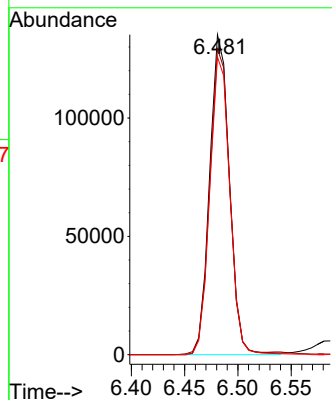
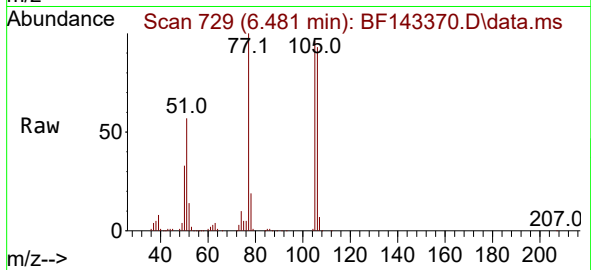
#9
Benzaldehyde
Concen: 18.678 ng
RT: 6.481 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF143370.D
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Instrument :
BNA_F
ClientSampleId :
TP-7MS

Tgt Ion: 77 Resp: 17400
Ion Ratio Lower Upper
77 100
105 95.6 74.2 114.2
106 93.0 72.2 112.2

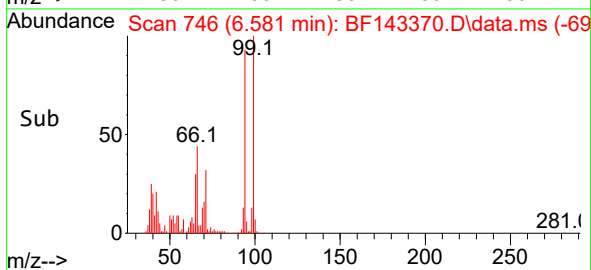
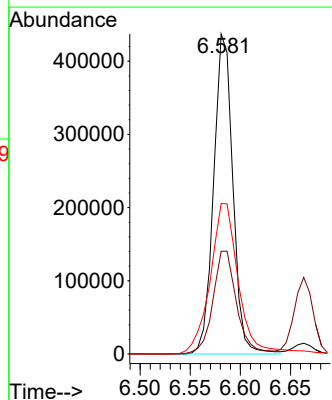
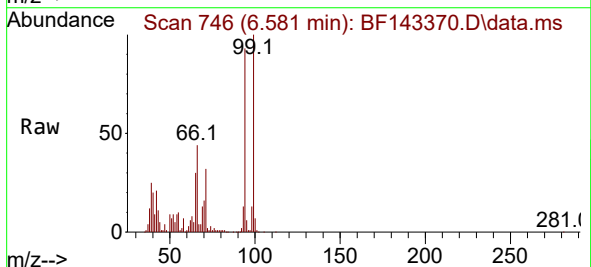
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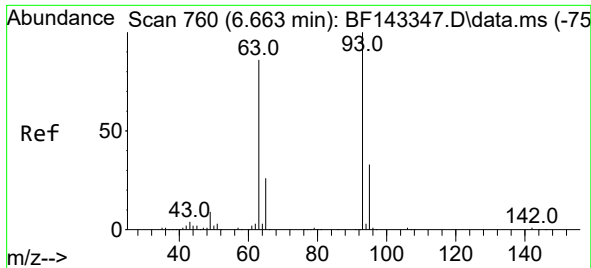
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#10
Phenol
Concen: 34.892 ng
RT: 6.581 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

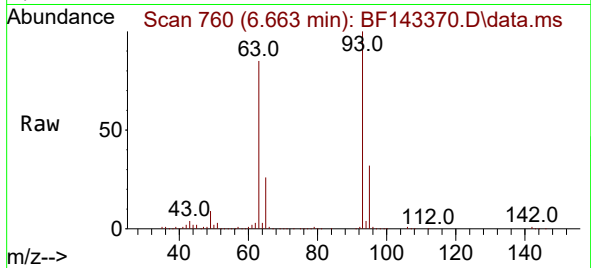
Tgt Ion: 94 Resp: 582622
Ion Ratio Lower Upper
94 100
65 32.1 12.0 52.0
66 47.0 25.6 65.6





#11
bis(2-Chloroethyl)ether
Concen: 43.056 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

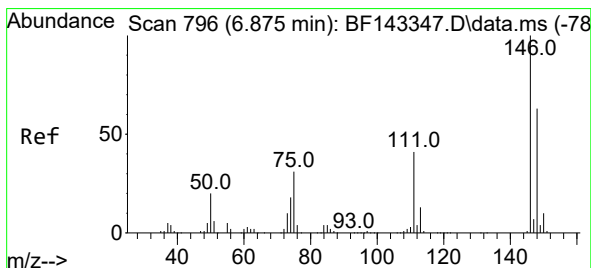
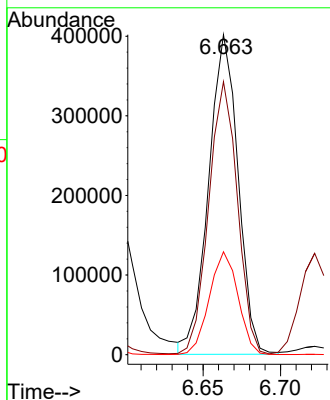
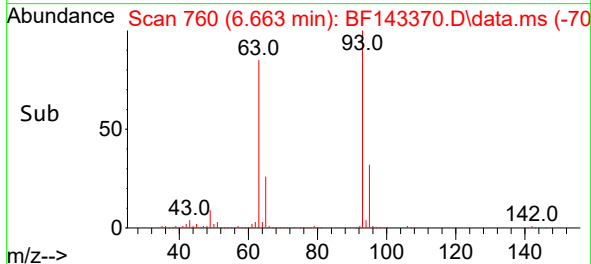
Instrument :
BNA_F
ClientSampleId :
TP-7MS



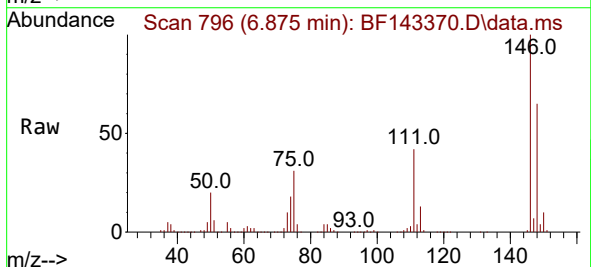
Tgt Ion: 93 Resp: 529870
Ion Ratio Lower Upper
93 100
63 85.3 65.7 105.7
95 32.2 13.0 53.0

Manual Integrations
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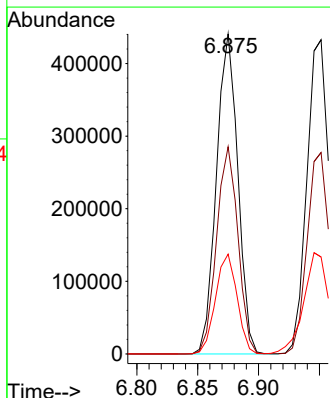
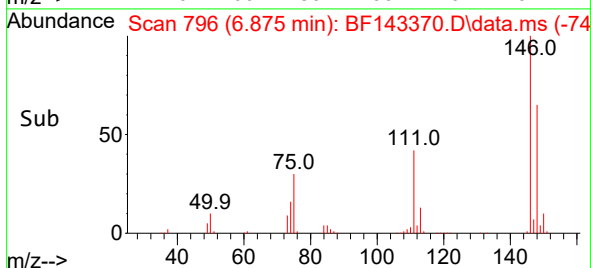
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

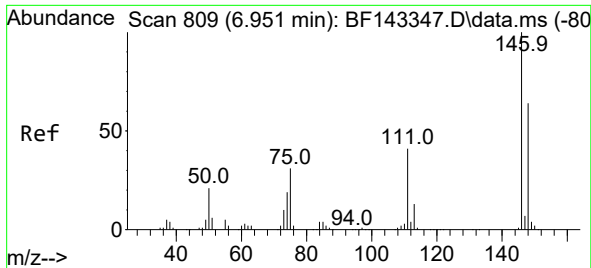


#12
1,3-Dichlorobenzene
Concen: 39.846 ng
RT: 6.875 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42



Tgt Ion:146 Resp: 539794
Ion Ratio Lower Upper
146 100
148 64.8 50.5 75.7
75 31.2 24.9 37.3





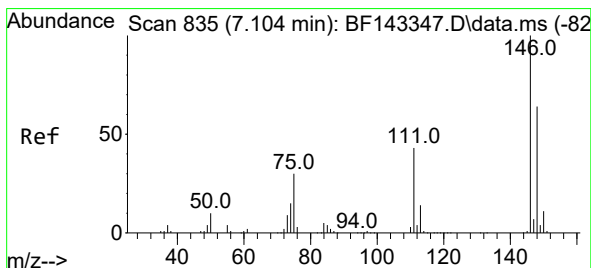
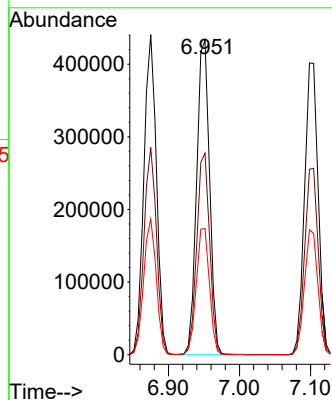
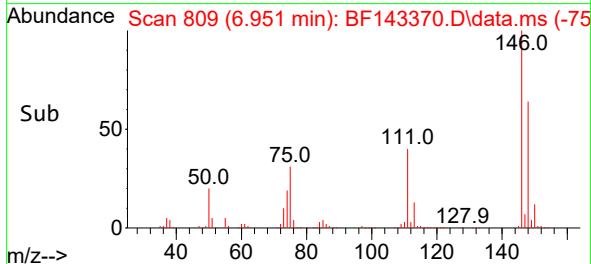
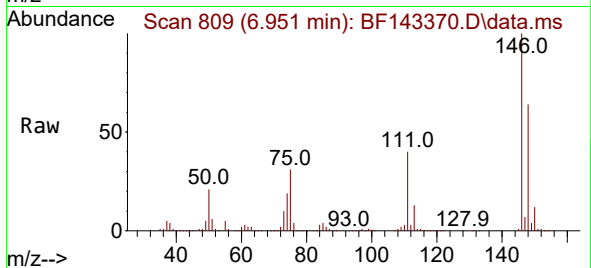
#13
1,4-Dichlorobenzene
Concen: 40.471 ng
RT: 6.951 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

Instrument :
BNA_F
ClientSampleId :
TP-7MS

Tgt Ion:146 Resp: 550250
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.0
111 40.1 32.6 48.8

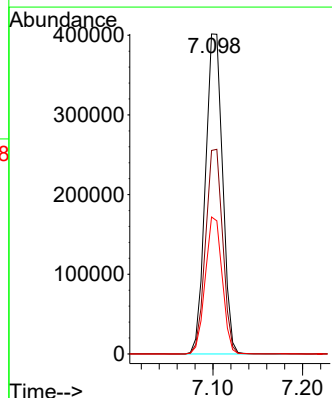
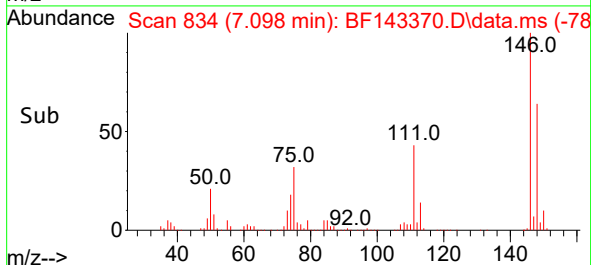
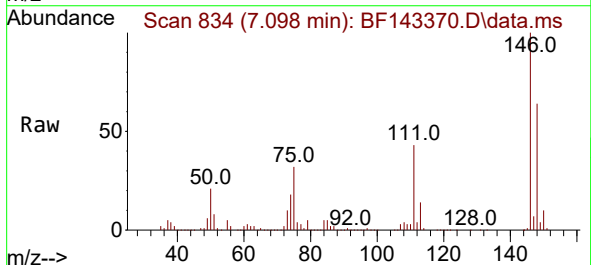
Manual Integrations
APPROVED

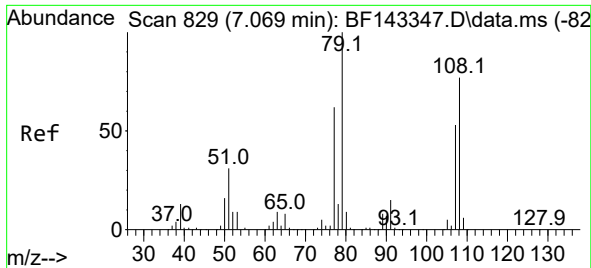
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#14
1,2-Dichlorobenzene
Concen: 41.291 ng
RT: 7.098 min Scan# 834
Delta R.T. -0.006 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

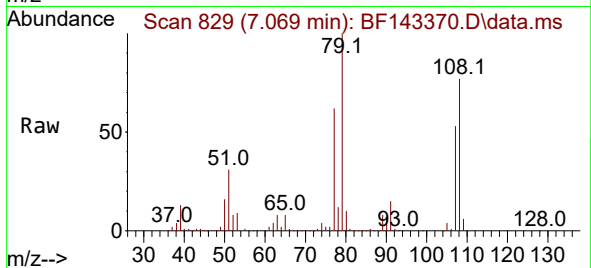
Tgt Ion:146 Resp: 532924
Ion Ratio Lower Upper
146 100
148 63.6 51.4 77.2
111 42.8 34.1 51.1





#15
Benzyl Alcohol
Concen: 47.914 ng
RT: 7.069 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

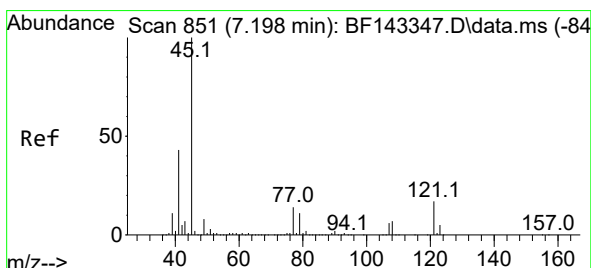
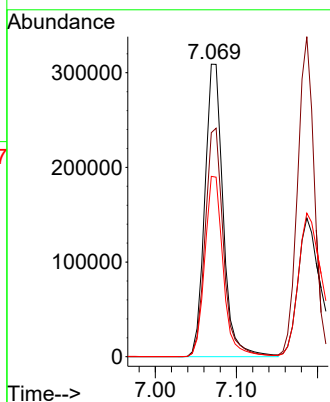
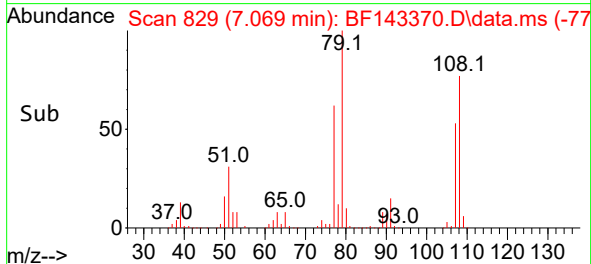
Instrument :
BNA_F
ClientSampleId :
TP-7MS



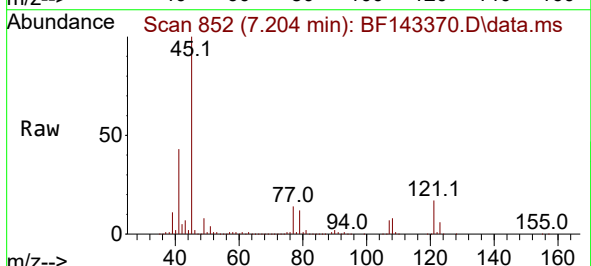
Tgt Ion: 79 Resp: 484108
Ion Ratio Lower Upper
79 100
108 76.6 61.5 92.3
77 61.7 49.8 74.8

Manual Integrations
APPROVED

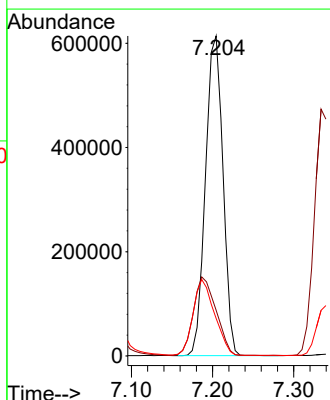
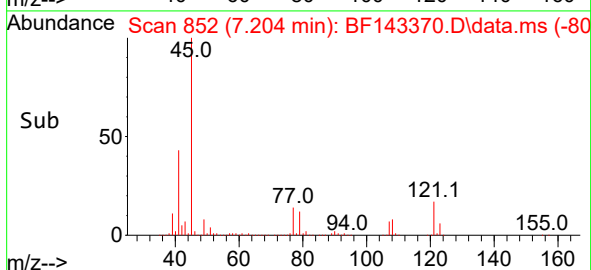
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

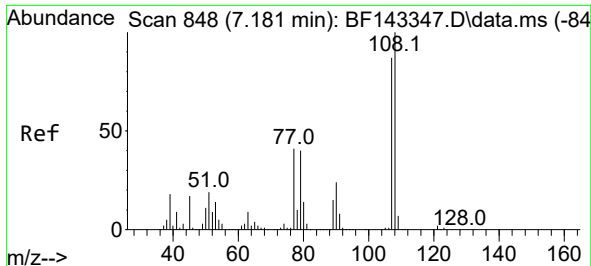


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.684 ng
RT: 7.204 min Scan# 852
Delta R.T. 0.006 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42



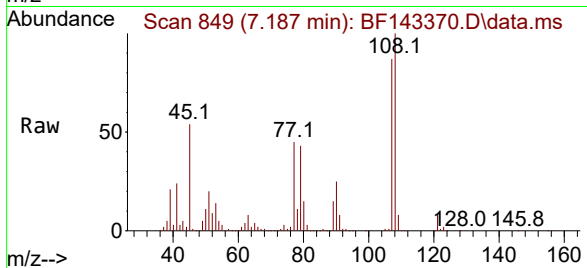
Tgt Ion: 45 Resp: 915823
Ion Ratio Lower Upper
45 100
77 14.3 0.0 34.0
79 11.8 0.0 31.1





#17
2-Methylphenol
Concen: 42.472 ng
RT: 7.187 min Scan# 848
Delta R.T. 0.006 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

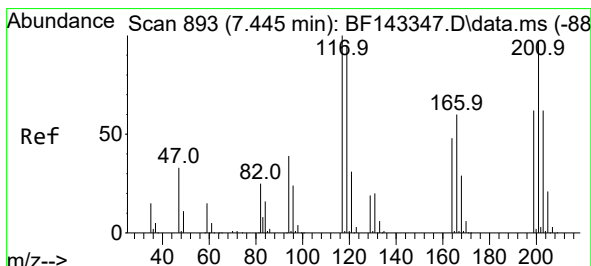
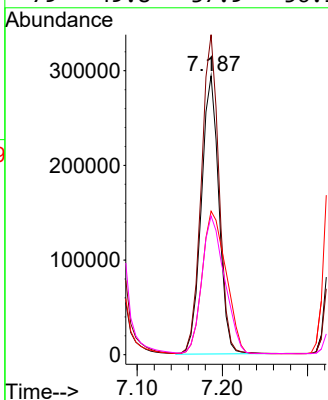
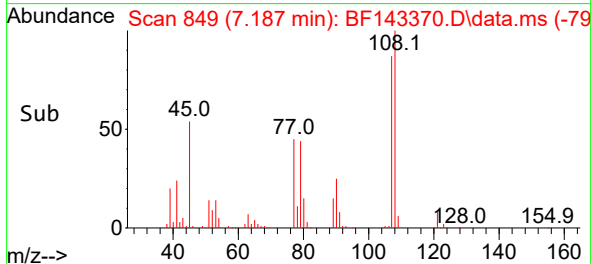
Instrument :
BNA_F
ClientSampleId :
TP-7MS



Tgt Ion:107 Resp: 421064
Ion Ratio Lower Upper
107 100
108 114.7 92.0 138.0
77 51.4 38.2 57.2
79 49.8 37.9 56.9

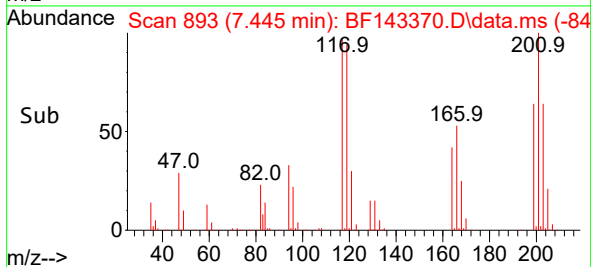
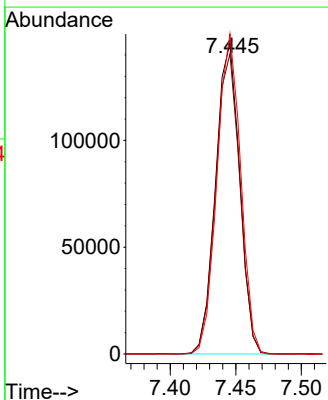
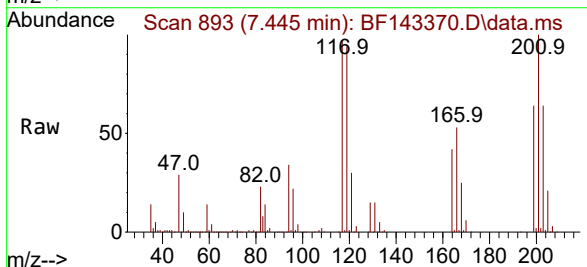
Manual Integrations
APPROVED

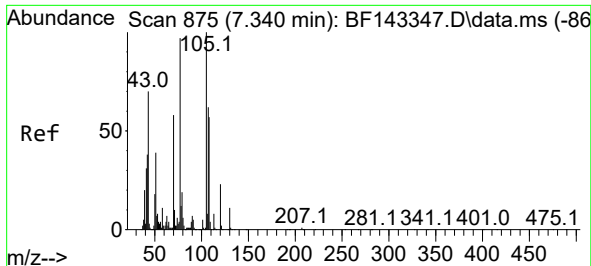
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#18
Hexachloroethane
Concen: 43.500 ng
RT: 7.445 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

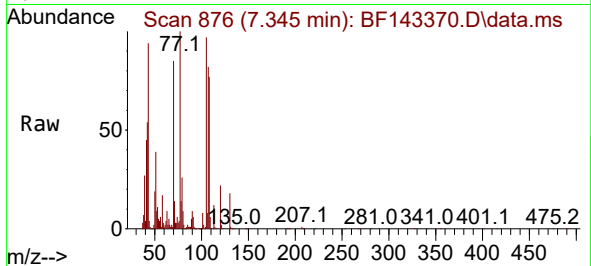
Tgt Ion:117 Resp: 185426
Ion Ratio Lower Upper
117 100
119 96.5 75.8 113.8
201 102.9 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 44.622 ng
RT: 7.345 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

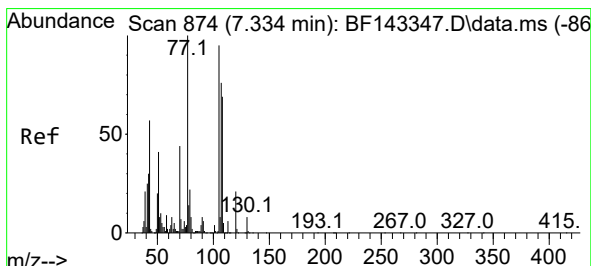
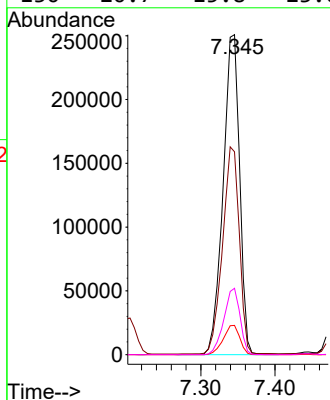
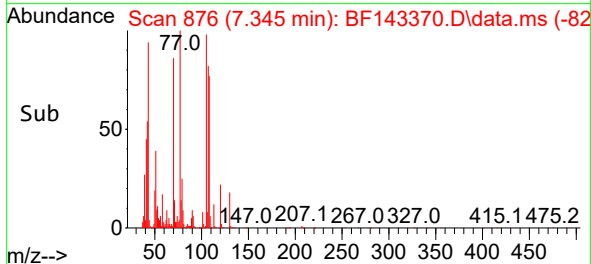
Instrument :
BNA_F
ClientSampleId :
TP-7MS



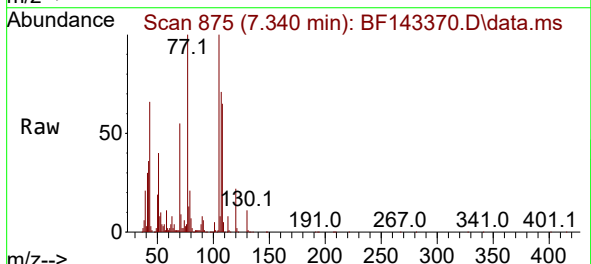
Tgt Ion: 70 Resp: 388630
Ion Ratio Lower Upper
70 100
42 63.4 51.6 77.4
101 9.2 7.5 11.3
130 20.7 15.8 23.6

Manual Integrations
APPROVED

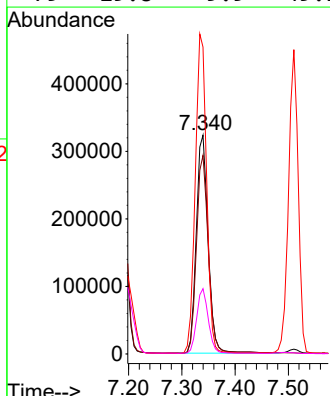
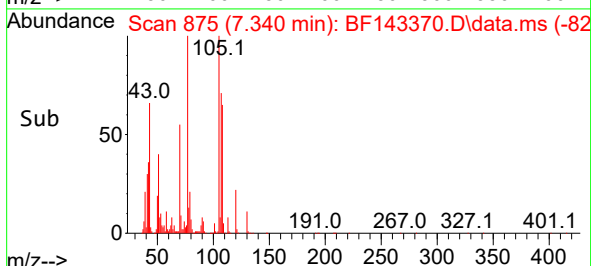
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

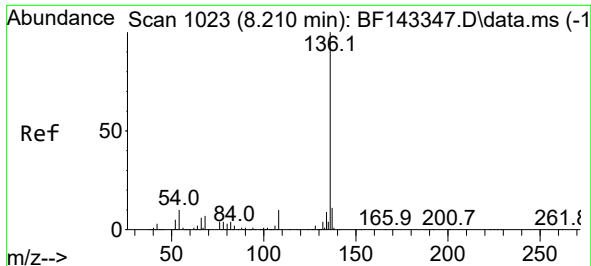


#20
3+4-Methylphenols
Concen: 41.817 ng
RT: 7.340 min Scan# 875
Delta R.T. 0.006 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42



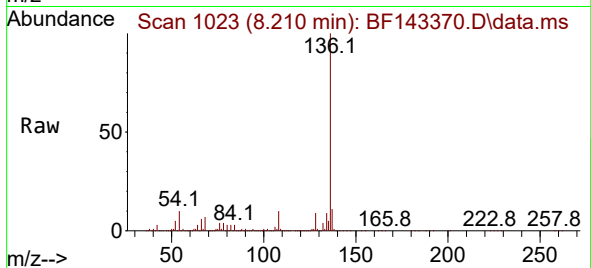
Tgt Ion:107 Resp: 501375
Ion Ratio Lower Upper
107 100
108 90.8 70.6 110.6
77 140.3 112.0 152.0
79 29.8 9.9 49.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

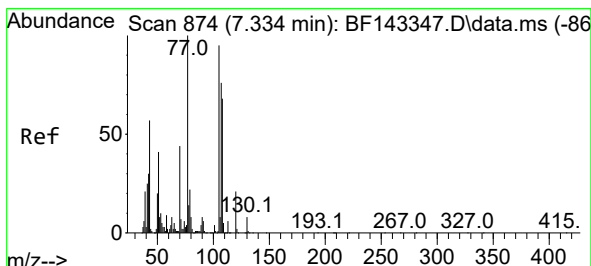
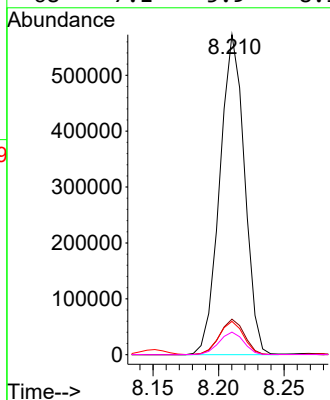
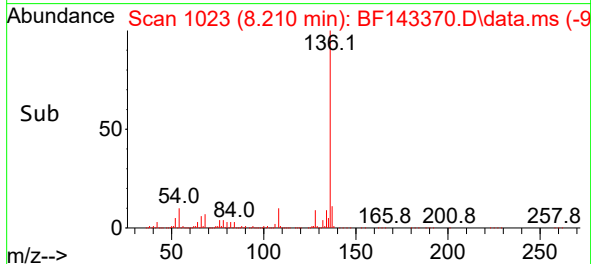
Instrument :
BNA_F
ClientSampleId :
TP-7MS



Tgt Ion:136 Resp: 75259
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 10.4 8.4 12.6
68 7.1 5.9 8.9

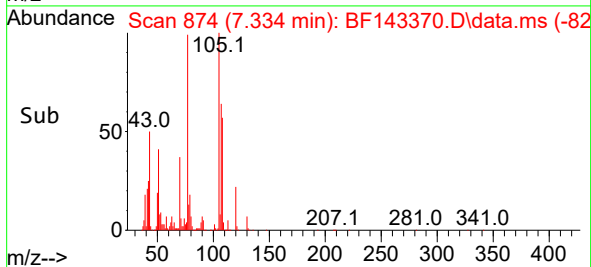
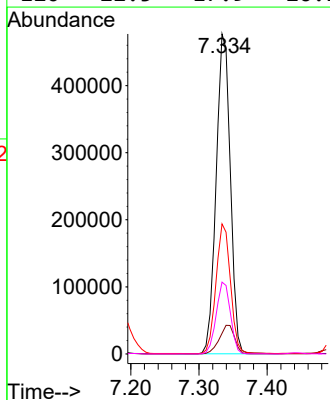
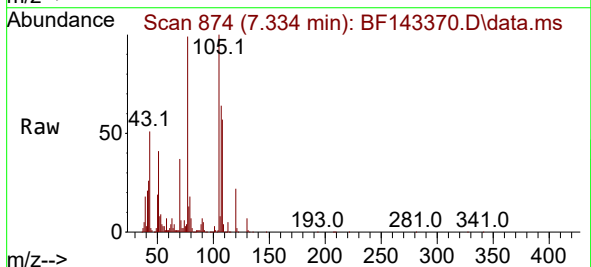
Manual Integrations
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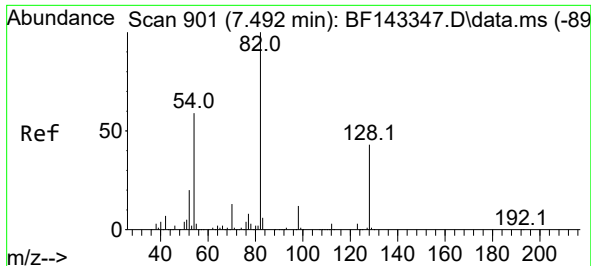
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#22
Acetophenone
Concen: 41.643 ng
RT: 7.334 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

Tgt Ion:105 Resp: 690536
Ion Ratio Lower Upper
105 100
71 6.5 6.2 9.4
51 40.6 34.8 52.2
120 22.5 17.9 26.9





#23

Nitrobenzene-d5

Concen: 95.455 ng

RT: 7.493 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF143370.D

Acq: 13 Aug 2025 12:42

Instrument :

BNA_F

ClientSampleId :

TP-7MS

Tgt Ion: 82 Resp: 115360

Ion Ratio Lower Upper

82 100

128 44.4 33.5 50.3

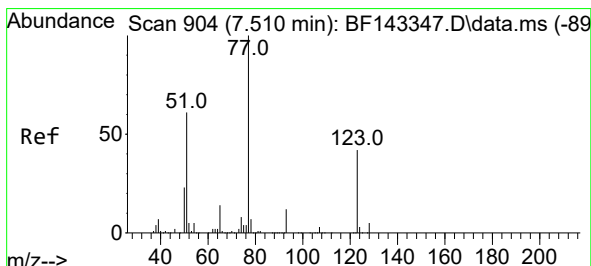
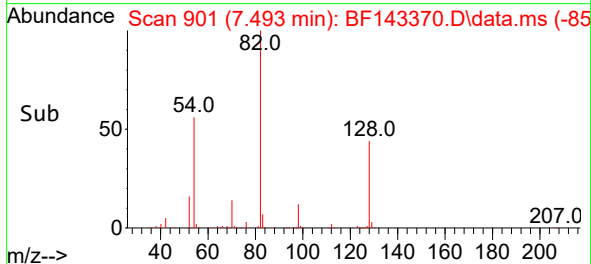
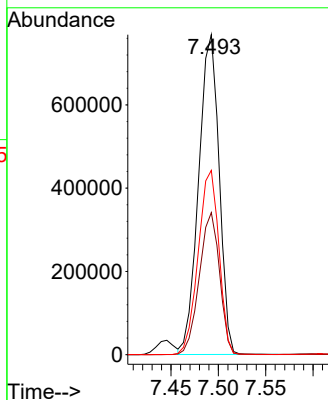
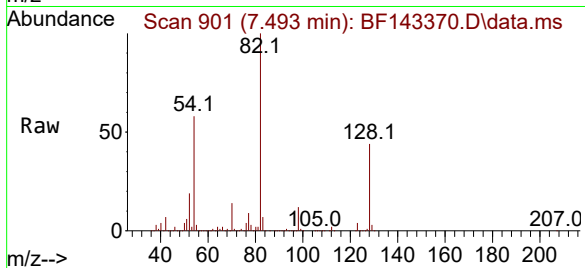
54 57.6 46.7 70.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#24

Nitrobenzene

Concen: 43.288 ng

RT: 7.510 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF143370.D

Acq: 13 Aug 2025 12:42

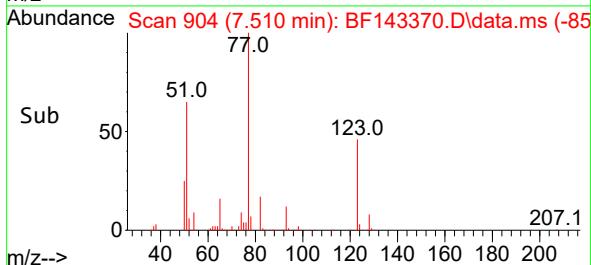
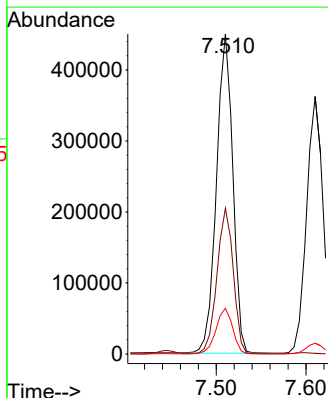
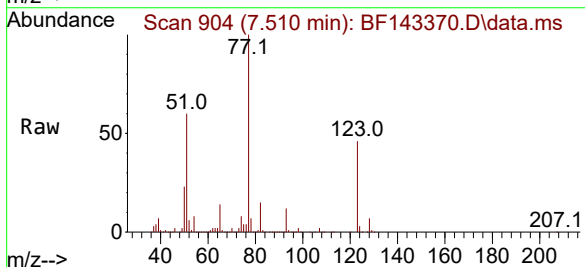
Tgt Ion: 77 Resp: 568157

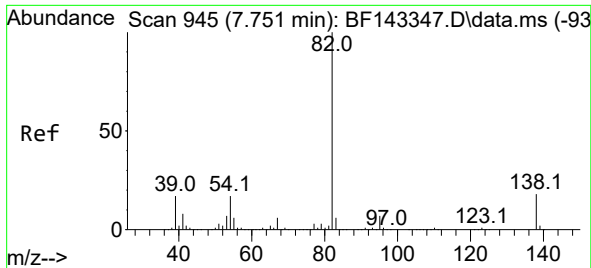
Ion Ratio Lower Upper

77 100

123 45.5 34.8 52.2

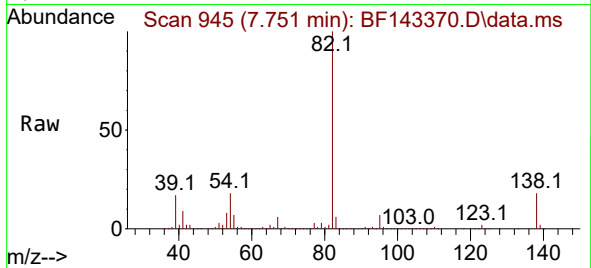
65 14.3 11.0 16.6





#25
Isophorone
Concen: 44.307 ng
RT: 7.751 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

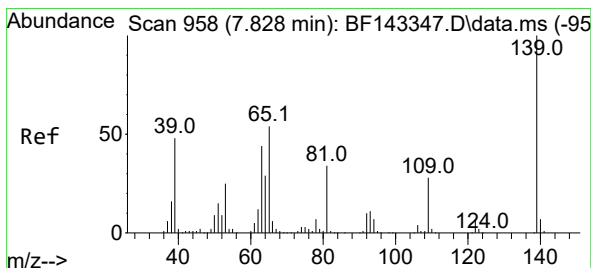
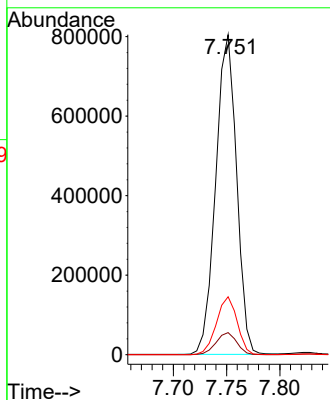
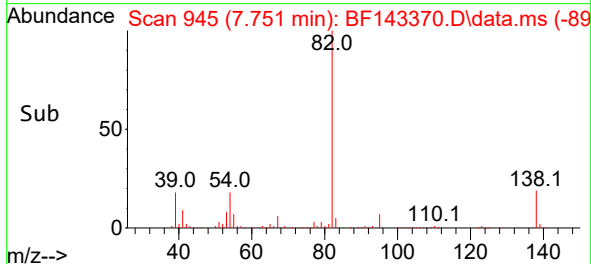
Instrument :
BNA_F
ClientSampleId :
TP-7MS



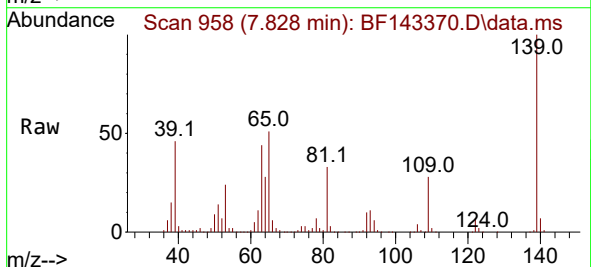
Tgt Ion: 82 Resp: 1093114
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 18.1 14.6 21.8

Manual Integrations
APPROVED

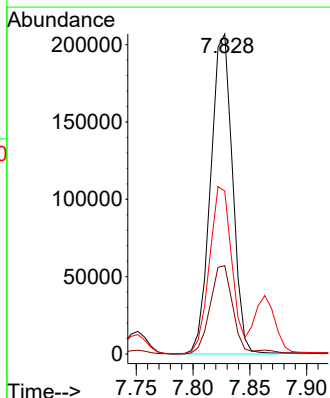
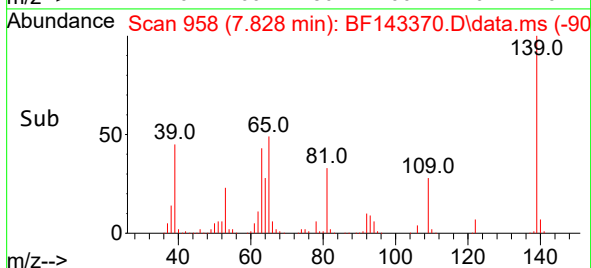
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

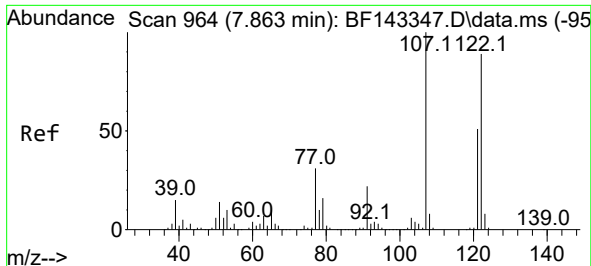


#26
2-Nitrophenol
Concen: 52.507 ng
RT: 7.828 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42



Tgt Ion:139 Resp: 278125
Ion Ratio Lower Upper
139 100
109 27.6 22.4 33.6
65 50.9 42.9 64.3





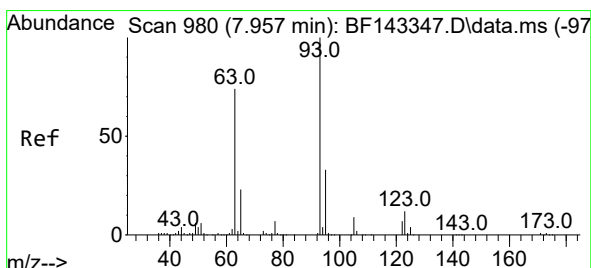
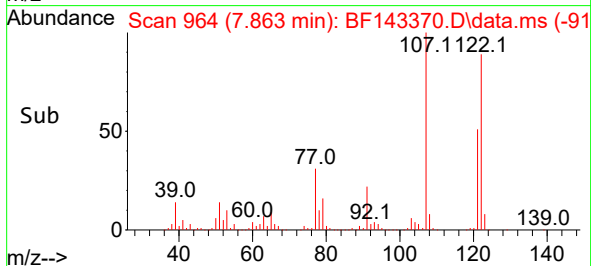
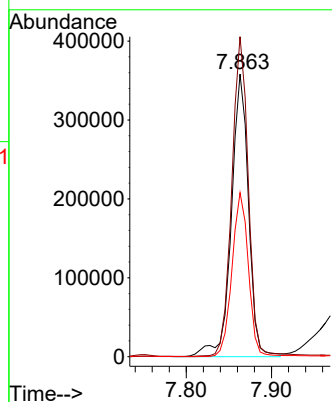
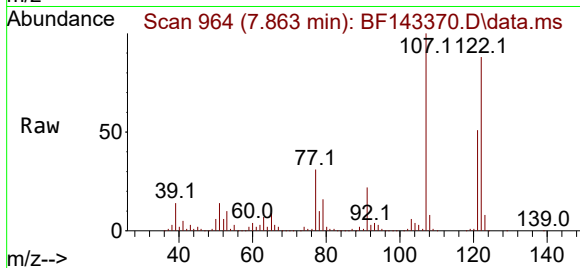
#27
2,4-Dimethylphenol
Concen: 48.625 ng
RT: 7.863 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

Instrument :
BNA_F
ClientSampleId :
TP-7MS

Tgt Ion:122 Resp: 50049
Ion Ratio Lower Upper
122 100
107 113.2 89.9 134.9
121 58.0 46.2 69.4

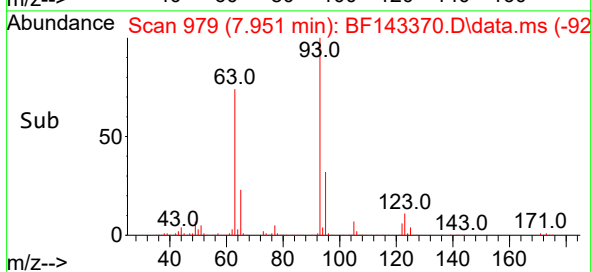
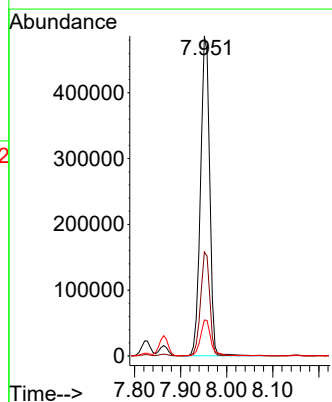
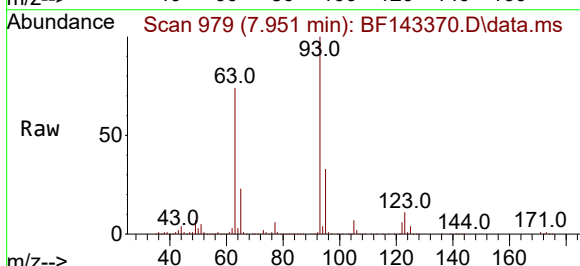
Manual Integrations
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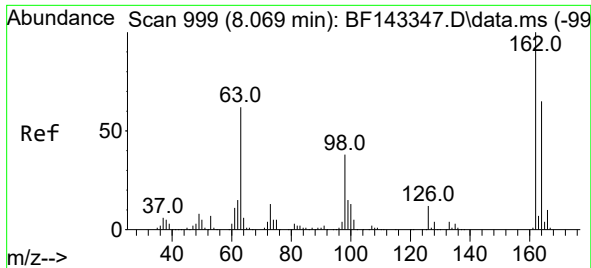
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#28
bis(2-Chloroethoxy)methane
Concen: 44.610 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

Tgt Ion: 93 Resp: 671958
Ion Ratio Lower Upper
93 100
95 32.5 26.2 39.4
123 11.3 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 45.541 ng

RT: 8.069 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF143370.D

Acq: 13 Aug 2025 12:42

Instrument :

BNA_F

ClientSampleId :

TP-7MS

Tgt Ion:162 Resp: 457828

Ion Ratio Lower Upper

162 100

164 63.9 44.5 84.5

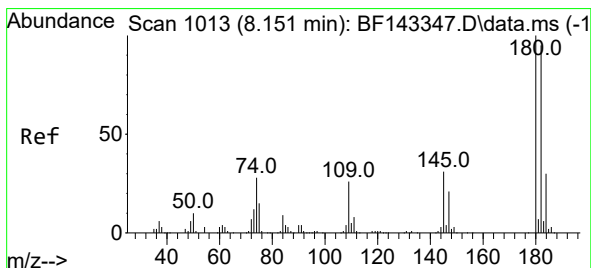
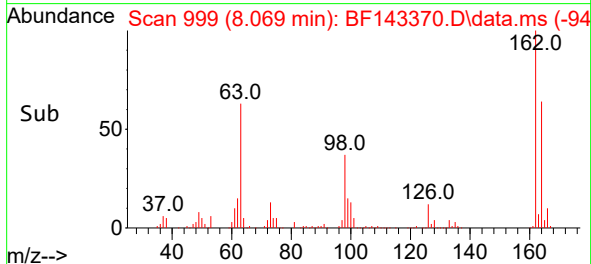
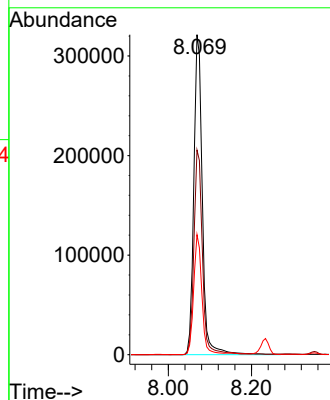
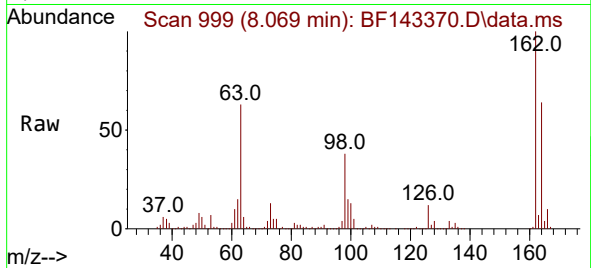
98 37.5 17.7 57.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#30

1,2,4-Trichlorobenzene

Concen: 44.478 ng

RT: 8.151 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF143370.D

Acq: 13 Aug 2025 12:42

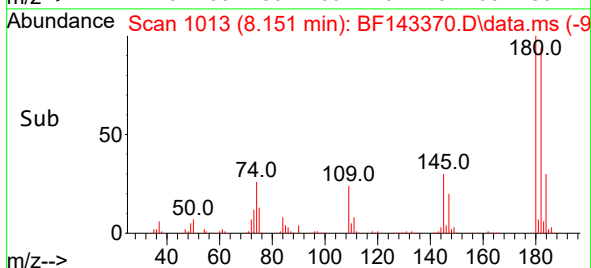
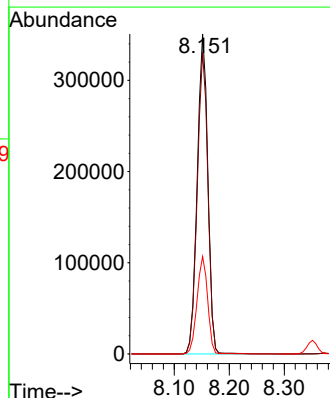
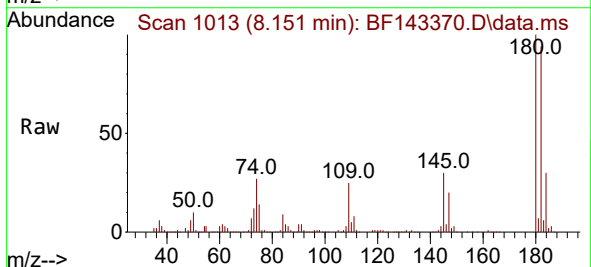
Tgt Ion:180 Resp: 471664

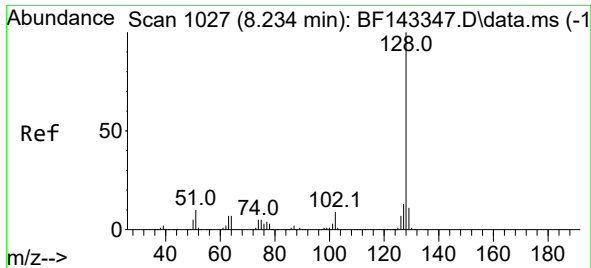
Ion Ratio Lower Upper

180 100

182 94.2 76.1 114.1

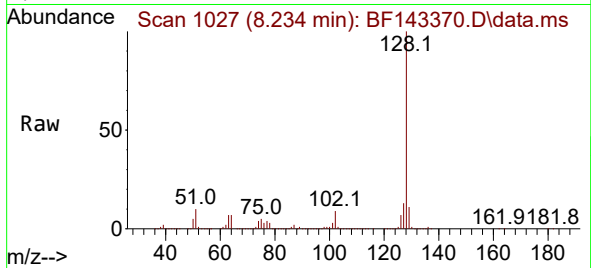
145 30.4 24.9 37.3





#31
Naphthalene
Concen: 40.585 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

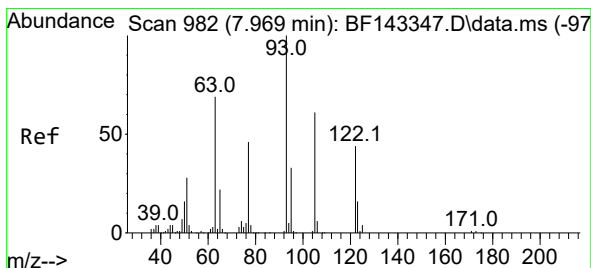
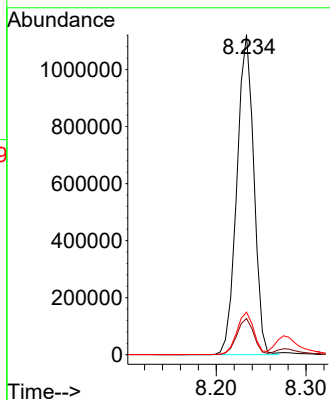
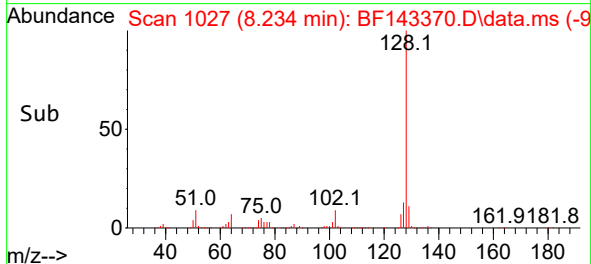
Instrument :
BNA_F
ClientSampleId :
TP-7MS



Tgt Ion:128 Resp: 1469749
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.3 10.7 16.1

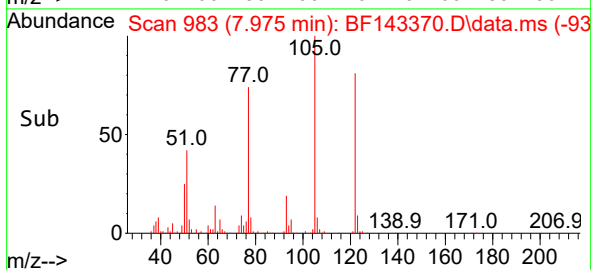
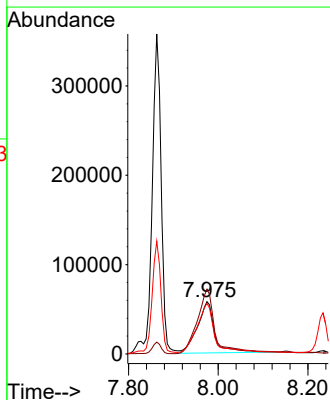
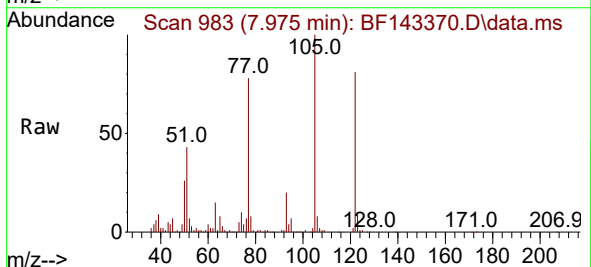
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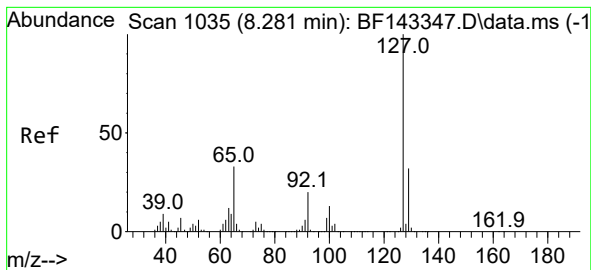
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#32
Benzoic acid
Concen: 37.752 ng
RT: 7.975 min Scan# 983
Delta R.T. 0.006 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

Tgt Ion:122 Resp: 155619
Ion Ratio Lower Upper
122 100
105 123.7 106.4 146.4
77 96.4 79.2 119.2





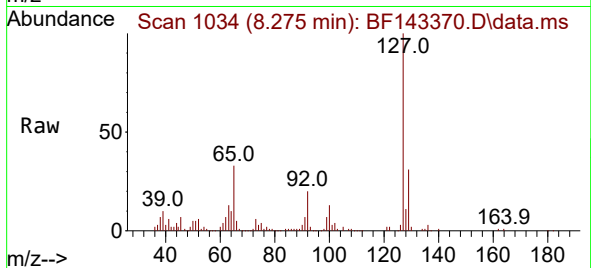
#33
4-Chloroaniline
Concen: 10.382 ng
RT: 8.275 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

Instrument :

BNA_F

ClientSampleId :

TP-7MS



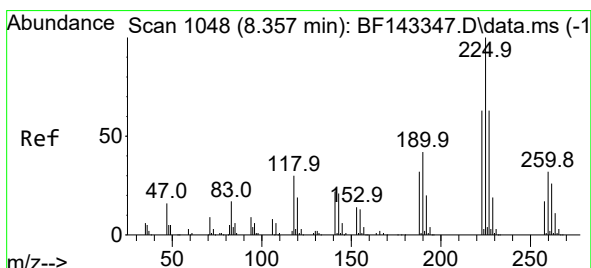
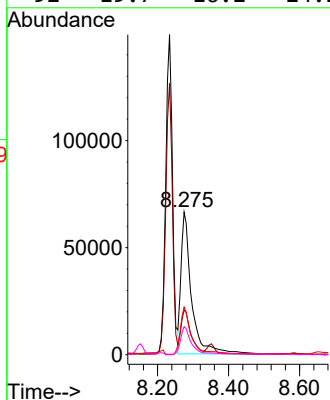
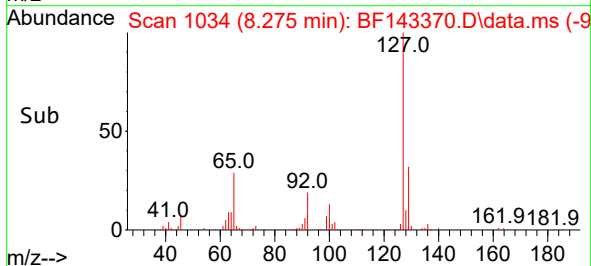
Tgt Ion:127 Resp: 135608
Ion Ratio Lower Upper
127 100
129 31.5 26.0 39.0
65 33.5 27.0 40.4
92 19.7 16.2 24.2

Manual Integrations

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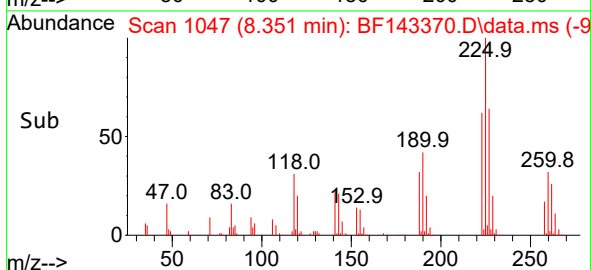
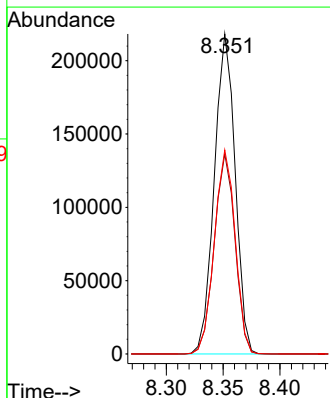
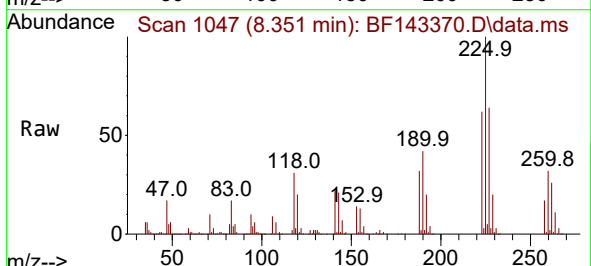
Reviewed By :Rahul Chavli 08/14/2025

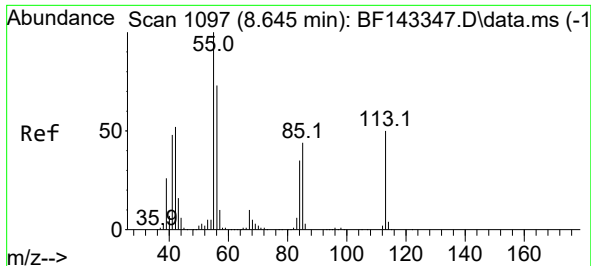
Supervised By :Jagrut Upadhyay 08/15/2025



#34
Hexachlorobutadiene
Concen: 42.231 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

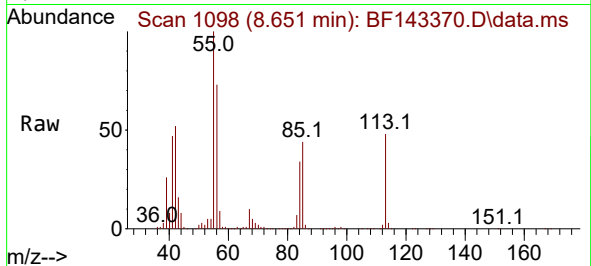
Tgt Ion:225 Resp: 278584
Ion Ratio Lower Upper
225 100
223 62.5 50.1 75.1
227 63.8 50.6 75.8





#35
Caprolactam
Concen: 48.071 ng m
RT: 8.651 min Scan# 1098
Delta R.T. 0.006 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

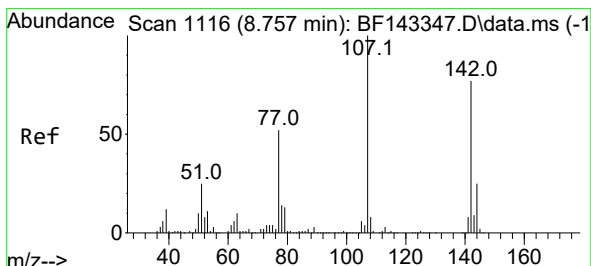
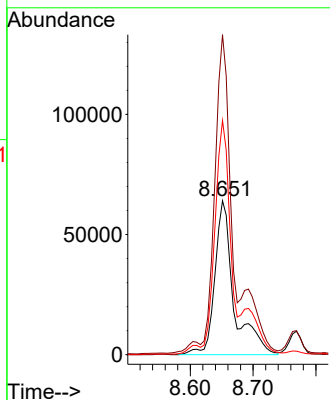
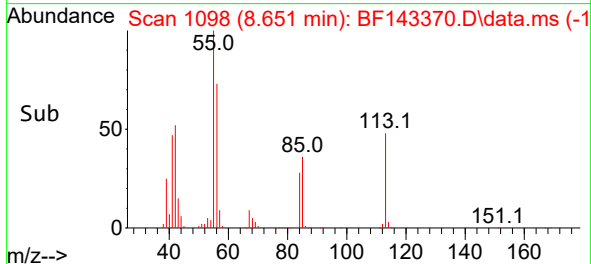
Instrument :
BNA_F
ClientSampleId :
TP-7MS



Tgt Ion:113 Resp: 135854
Ion Ratio Lower Upper
113 100
55 207.8 181.4 221.4
56 152.1 127.3 167.3

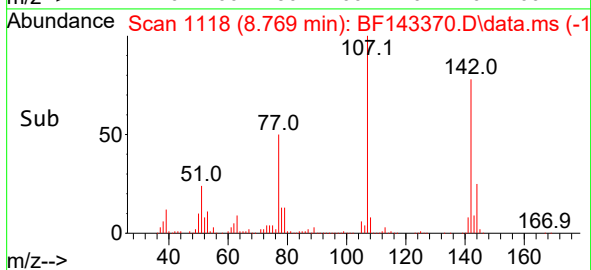
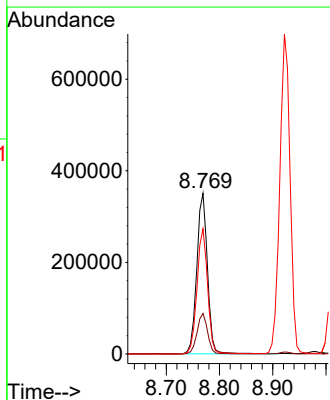
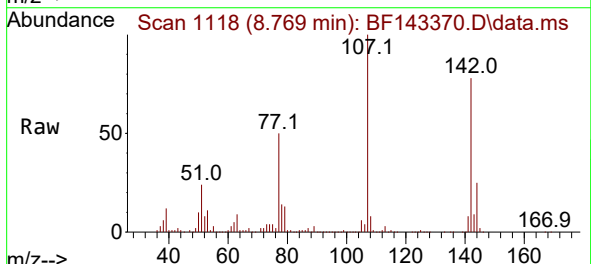
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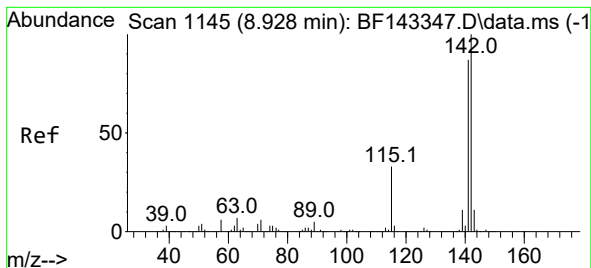
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#36
4-Chloro-3-methylphenol
Concen: 46.434 ng
RT: 8.769 min Scan# 1118
Delta R.T. 0.012 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

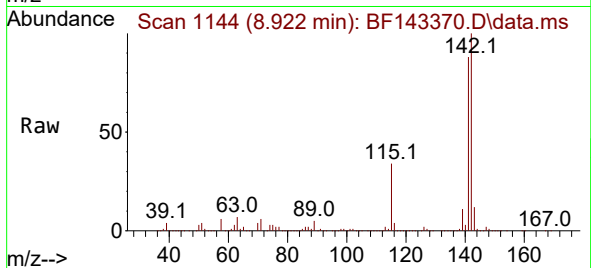
Tgt Ion:107 Resp: 489371
Ion Ratio Lower Upper
107 100
144 25.2 20.0 30.0
142 77.9 61.3 91.9





#37
2-Methylnaphthalene
Concen: 39.265 ng
RT: 8.922 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

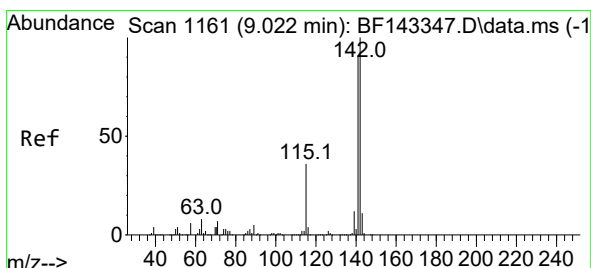
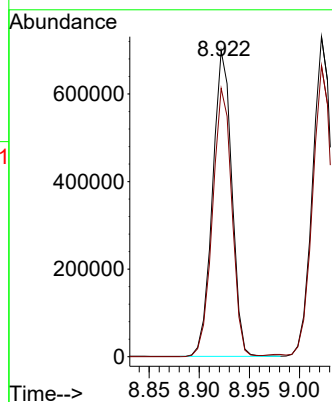
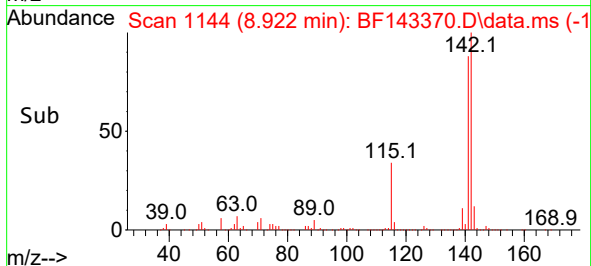
Instrument :
BNA_F
ClientSampleId :
TP-7MS



Tgt Ion:142 Resp: 934810
Ion Ratio Lower Upper
142 100
141 87.7 69.8 104.8

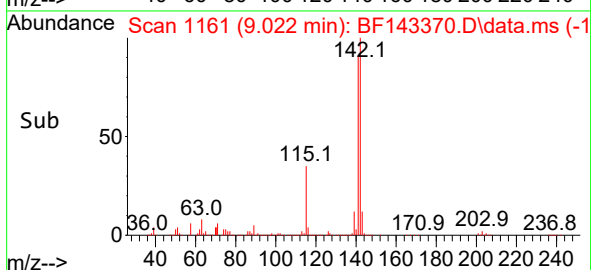
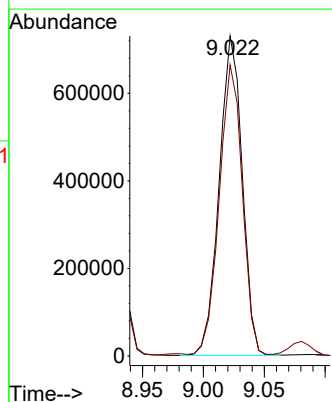
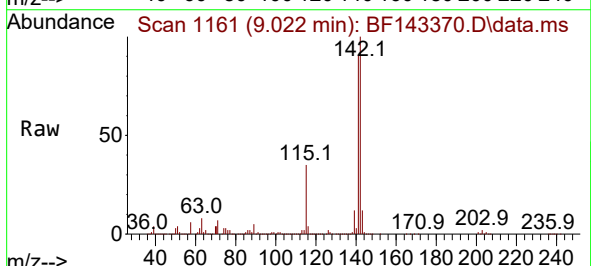
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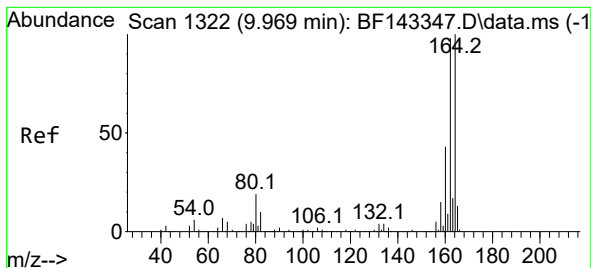
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#38
1-Methylnaphthalene
Concen: 41.868 ng
RT: 9.022 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

Tgt Ion:142 Resp: 960014
Ion Ratio Lower Upper
142 100
141 91.0 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BF143370.D

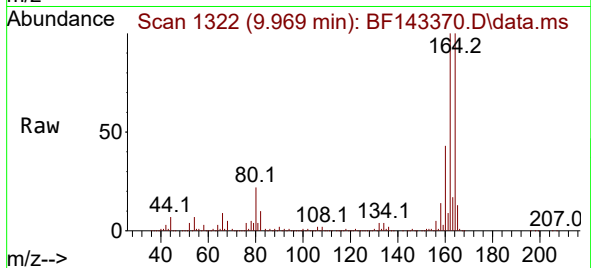
Acq: 13 Aug 2025 12:42

Instrument :

BNA_F

ClientSampleId :

TP-7MS



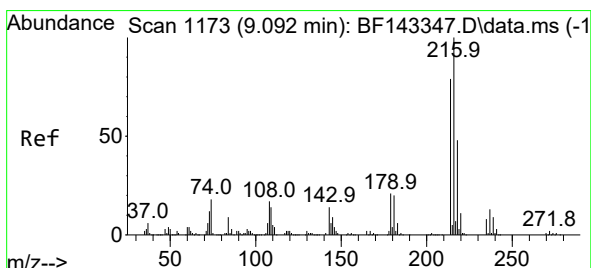
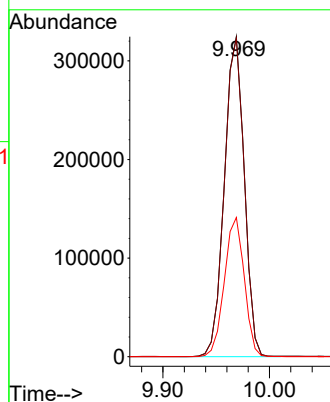
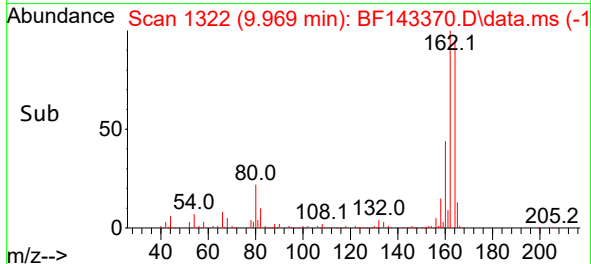
Tgt Ion:164	Resp:	42127	
Ion Ratio	Lower	Upper	
164	100		
162	99.5	78.6	118.0
160	43.5	34.4	51.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.561 ng

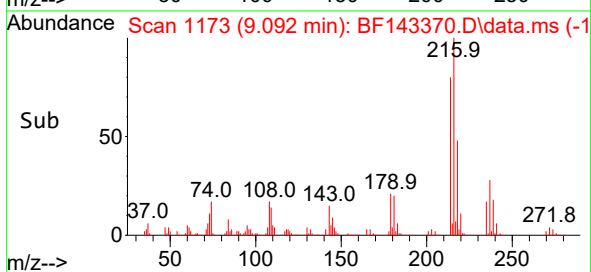
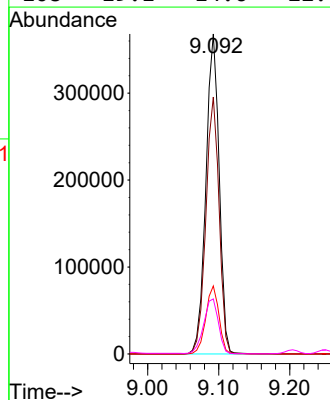
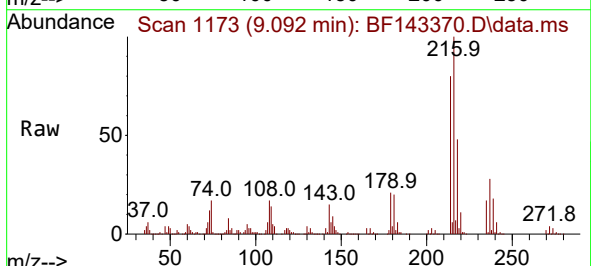
RT: 9.092 min Scan# 1173

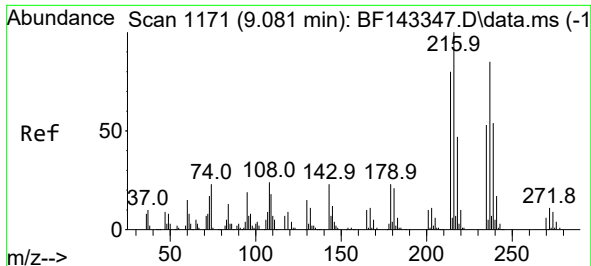
Delta R.T. 0.000 min

Lab File: BF143370.D

Acq: 13 Aug 2025 12:42

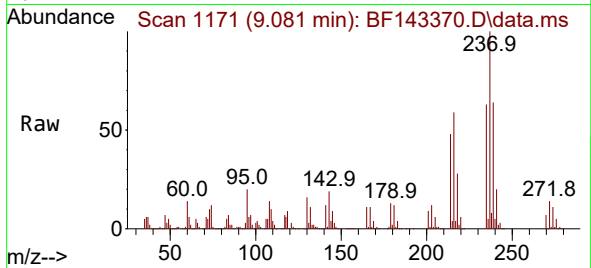
Tgt Ion:216	Resp:	479110	
Ion Ratio	Lower	Upper	
216	100		
214	80.0	63.0	94.4
179	21.1	17.0	25.4
108	19.1	14.6	22.0





#41
Hexachlorocyclopentadiene
Concen: 86.728 ng
RT: 9.081 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

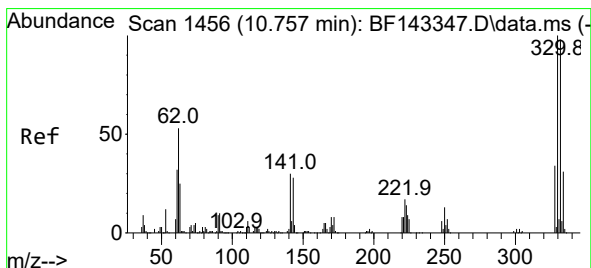
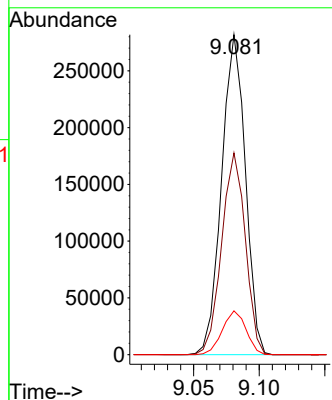
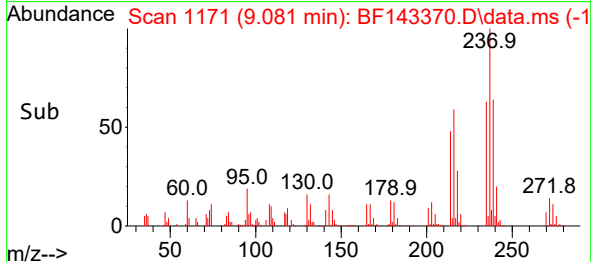
Instrument :
BNA_F
ClientSampleId :
TP-7MS



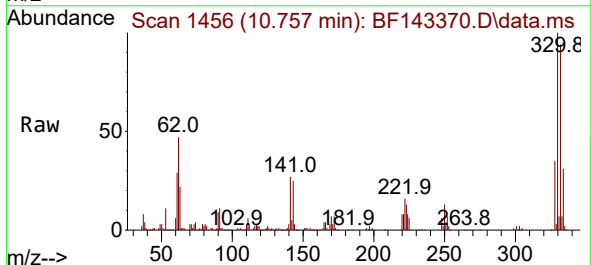
Tgt Ion:237 Resp: 355145
Ion Ratio Lower Upper
237 100
235 63.0 42.0 82.0
272 13.7 0.0 32.6

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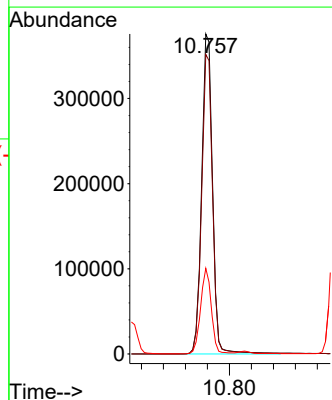
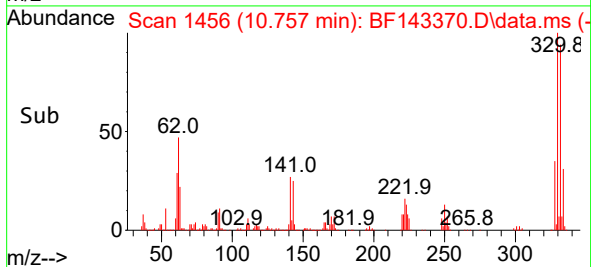
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

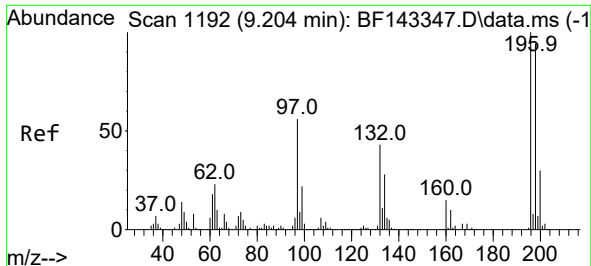


#42
2,4,6-Tribromophenol
Concen: 167.746 ng
RT: 10.757 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42



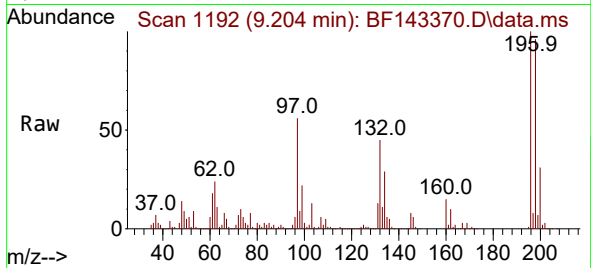
Tgt Ion:330 Resp: 516455
Ion Ratio Lower Upper
330 100
332 94.6 78.1 117.1
141 26.3 25.4 38.0





#43
2,4,6-Trichlorophenol
Concen: 49.195 ng
RT: 9.204 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

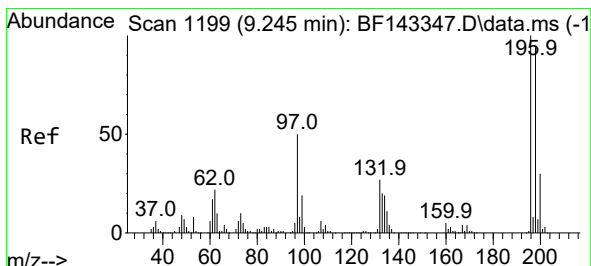
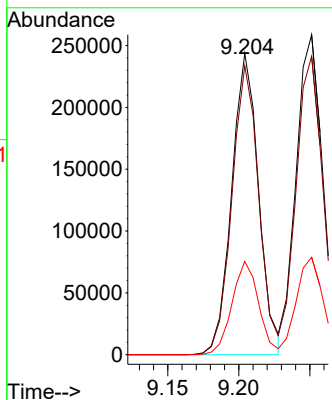
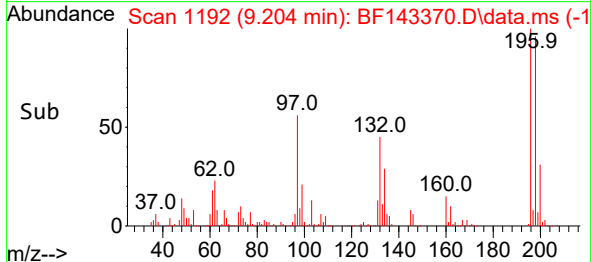
Instrument :
BNA_F
ClientSampleId :
TP-7MS



Tgt Ion:196 Resp: 321774
Ion Ratio Lower Upper
196 100
198 95.8 75.4 113.0
200 30.9 24.3 36.5

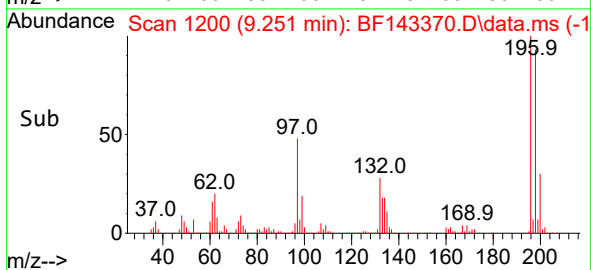
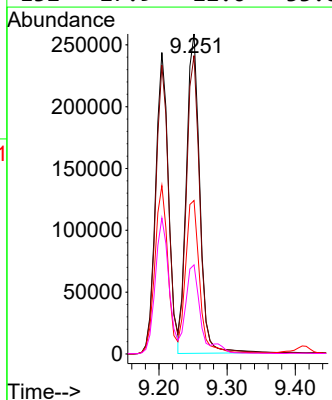
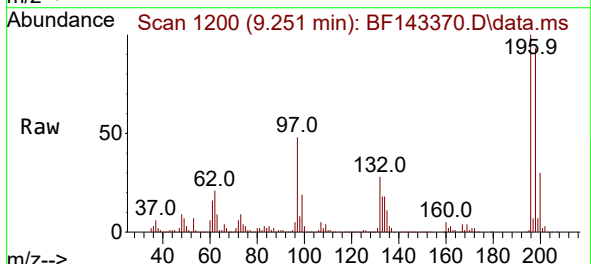
Manual Integrations
APPROVED

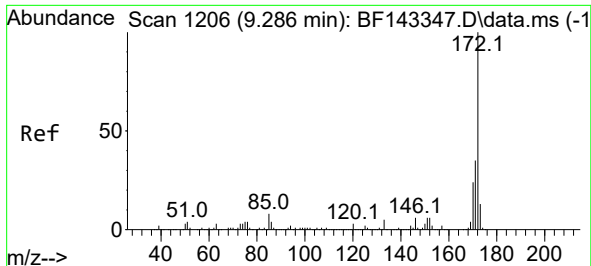
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#44
2,4,5-Trichlorophenol
Concen: 47.277 ng
RT: 9.251 min Scan# 1200
Delta R.T. 0.006 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

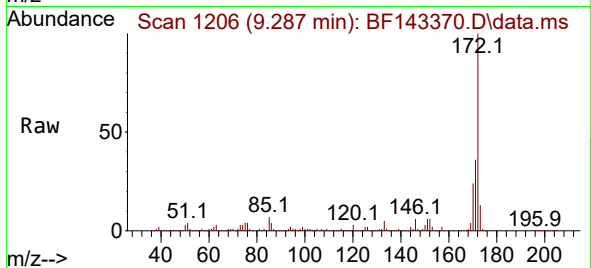
Tgt Ion:196 Resp: 349198
Ion Ratio Lower Upper
196 100
198 93.3 75.4 113.2
97 47.9 39.9 59.9
132 27.9 22.6 33.8





#45
2-Fluorobiphenyl
Concen: 81.483 ng
RT: 9.287 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

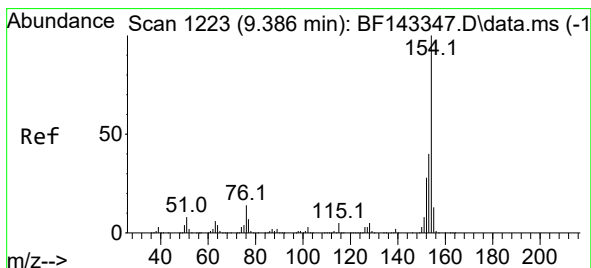
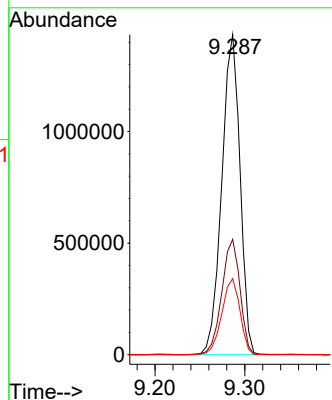
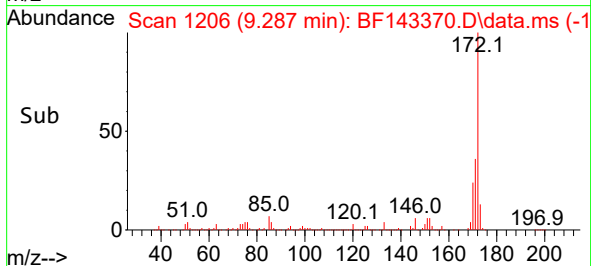
Instrument :
BNA_F
ClientSampleId :
TP-7MS



Tgt Ion:172 Resp: 2024293
Ion Ratio Lower Upper
172 100
171 36.1 28.4 42.6
170 23.7 19.1 28.7

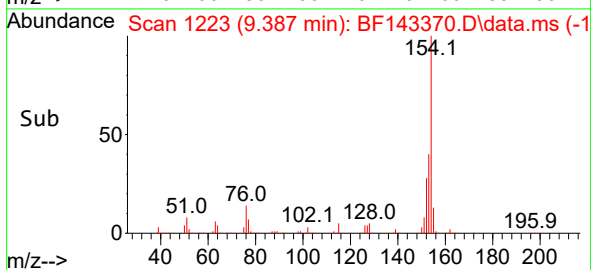
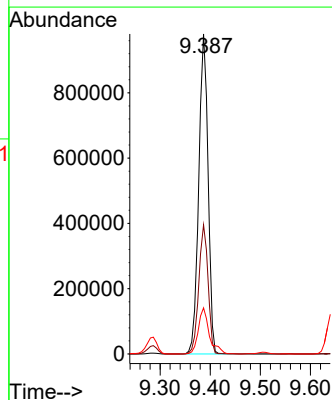
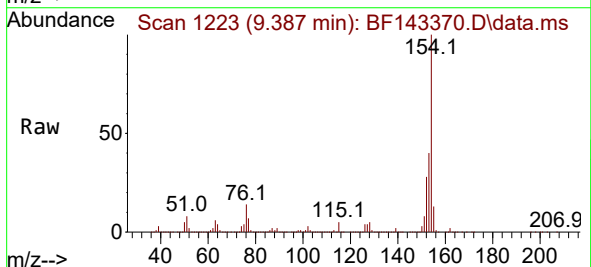
Manual Integrations
APPROVED

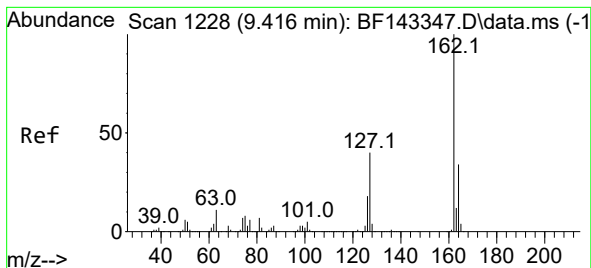
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#46
1,1'-Biphenyl
Concen: 42.312 ng
RT: 9.387 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

Tgt Ion:154 Resp: 1260334
Ion Ratio Lower Upper
154 100
153 40.3 20.2 60.2
76 14.4 0.0 34.4





#47

2-Chloronaphthalene

Concen: 41.549 ng

RT: 9.416 min Scan# 1228

Delta R.T. 0.000 min

Lab File: BF143370.D

Acq: 13 Aug 2025 12:42

Instrument :

BNA_F

ClientSampleId :

TP-7MS

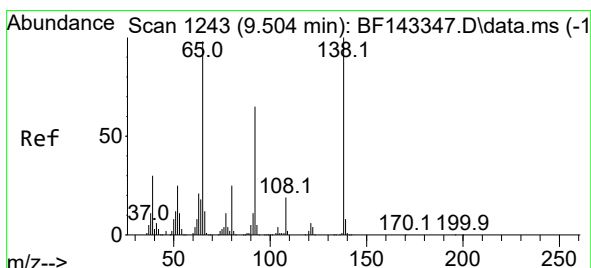
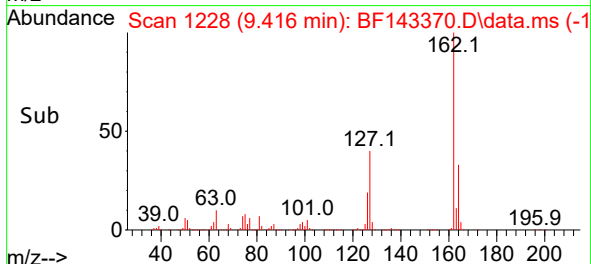
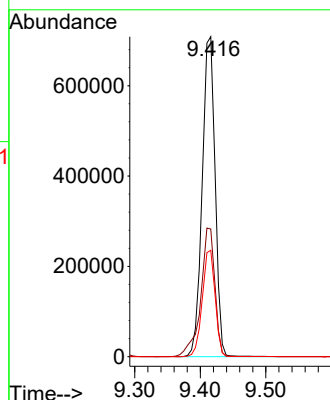
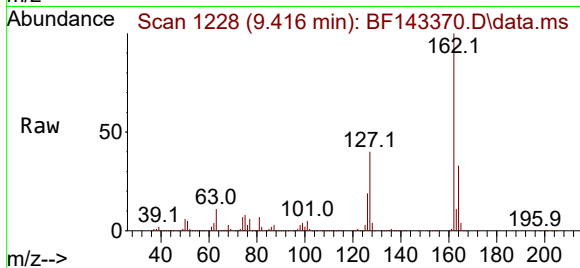
Tgt Ion:	162	Resp:	97470
Ion Ratio	Lower	Upper	
162	100		
127	39.9	32.1	48.1
164	33.2	27.0	40.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#48

2-Nitroaniline

Concen: 50.869 ng

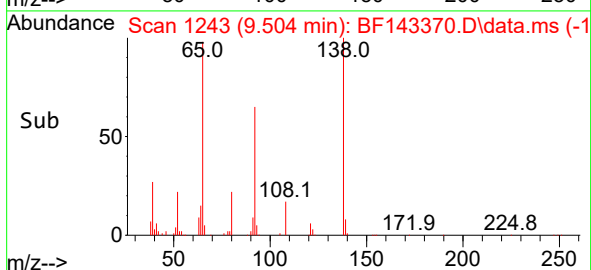
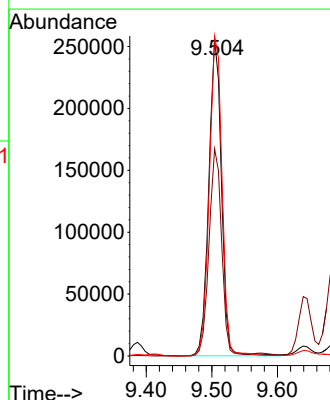
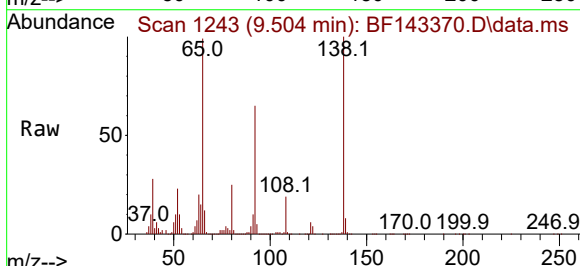
RT: 9.504 min Scan# 1243

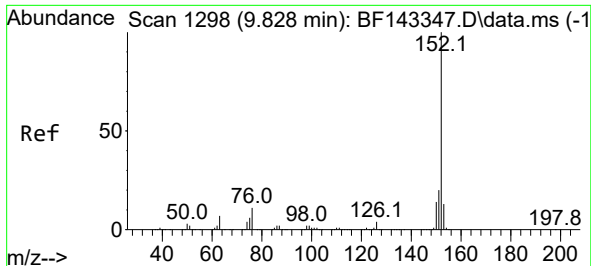
Delta R.T. 0.000 min

Lab File: BF143370.D

Acq: 13 Aug 2025 12:42

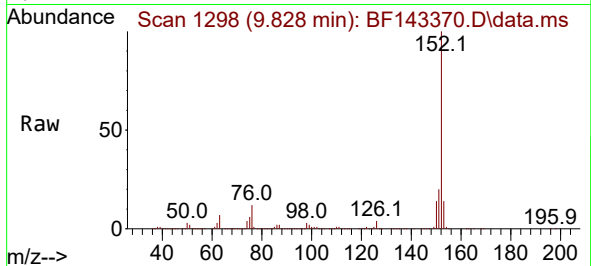
Tgt Ion:	65	Resp:	345359
Ion Ratio	Lower	Upper	
65	100		
92	65.3	53.1	79.7
138	100.9	81.4	122.0





#49
Acenaphthylene
Concen: 47.303 ng
RT: 9.828 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

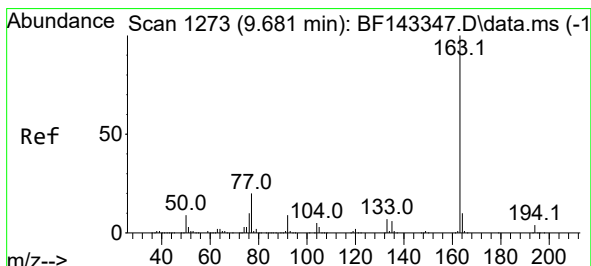
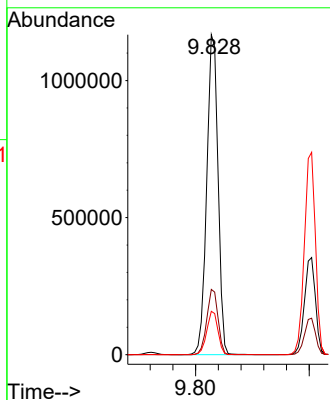
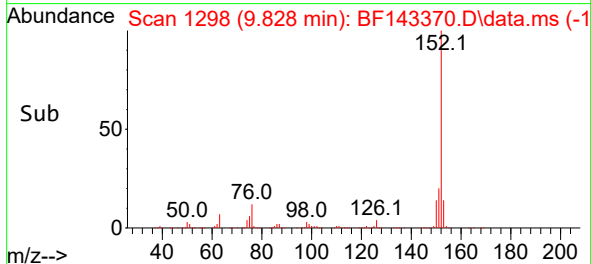
Instrument :
BNA_F
ClientSampleId :
TP-7MS



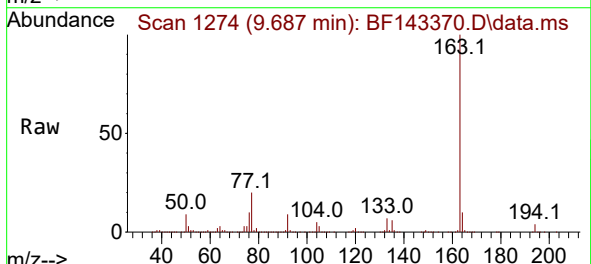
Tgt Ion:152 Resp: 1602530
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 13.6 10.6 16.0

Manual Integrations
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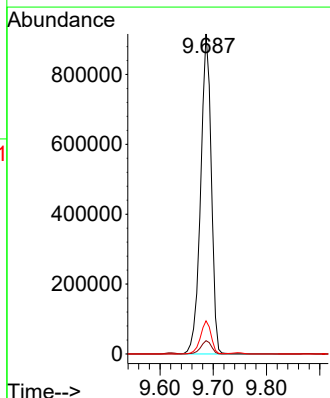
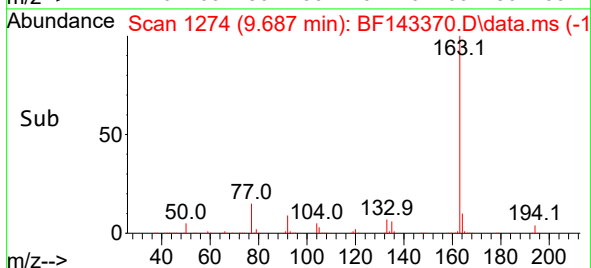
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

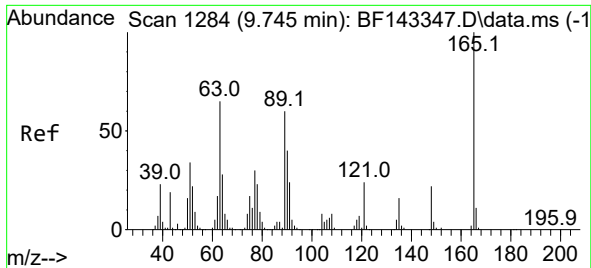


#50
Dimethylphthalate
Concen: 51.455 ng
RT: 9.687 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42



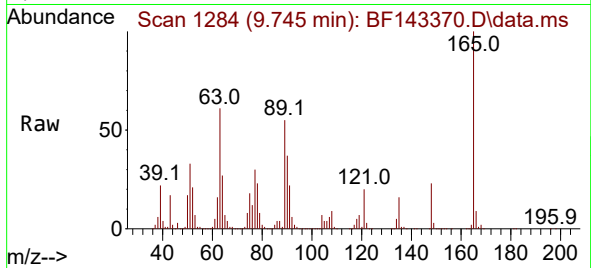
Tgt Ion:163 Resp: 1266602
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 56.207 ng
RT: 9.745 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

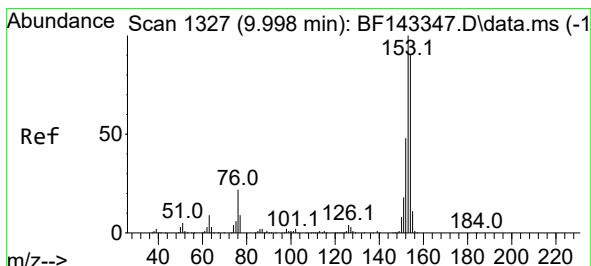
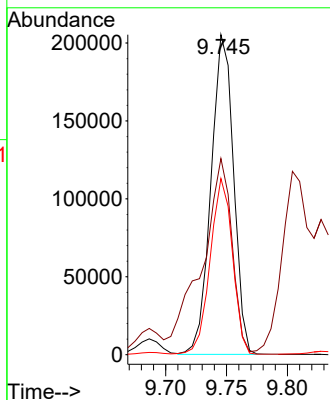
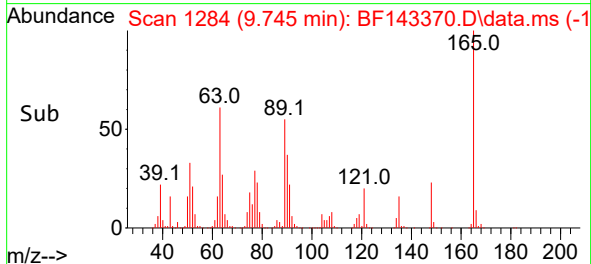
Instrument :
BNA_F
ClientSampleId :
TP-7MS



Tgt Ion:165 Resp: 26433
Ion Ratio Lower Upper
165 100
63 61.3 51.6 77.4
89 55.1 47.7 71.5

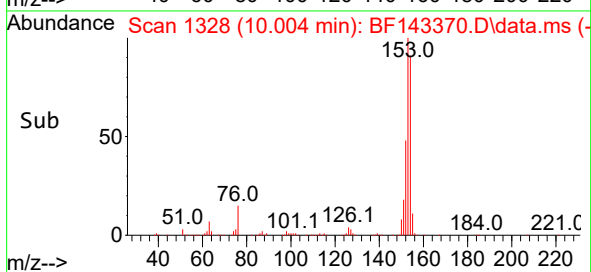
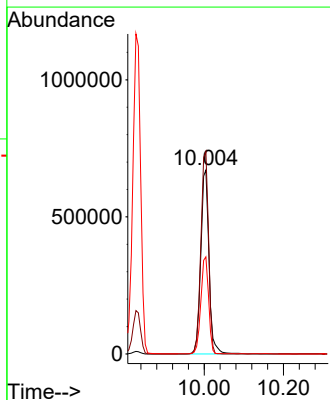
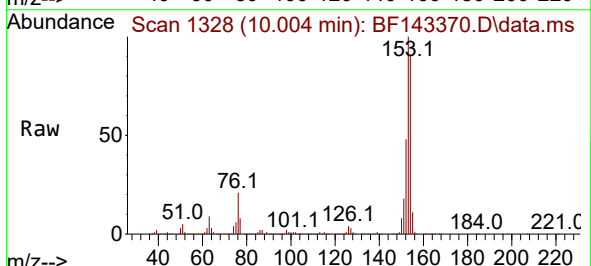
Manual Integrations
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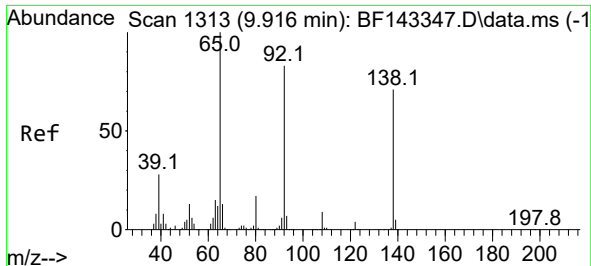
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#52
Acenaphthene
Concen: 42.766 ng
RT: 10.004 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

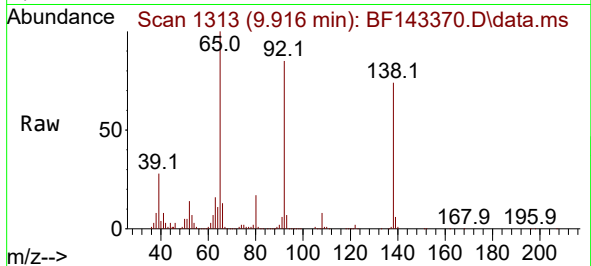
Tgt Ion:154 Resp: 963188
Ion Ratio Lower Upper
154 100
153 110.1 88.5 132.7
152 52.8 42.4 63.6





#53
3-Nitroaniline
Concen: 23.205 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

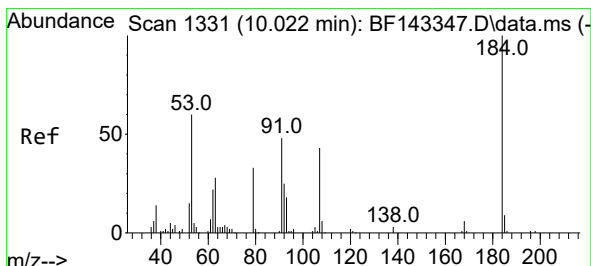
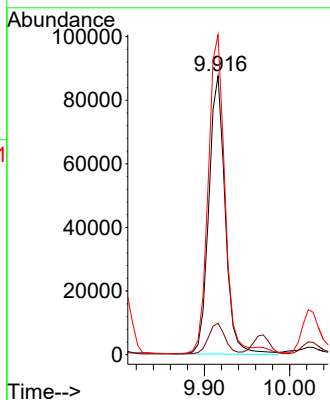
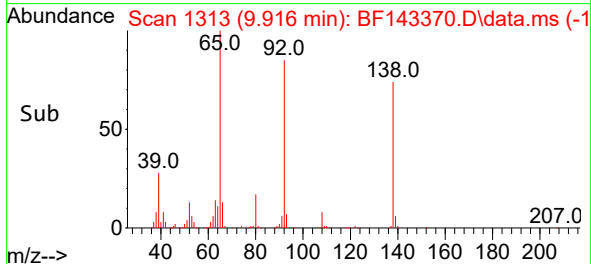
Instrument :
BNA_F
ClientSampleId :
TP-7MS



Tgt Ion:138 Resp: 11698
Ion Ratio Lower Upper
138 100
108 11.3 9.6 14.4
92 114.8 93.4 140.2

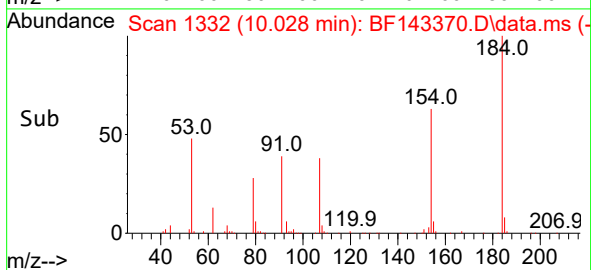
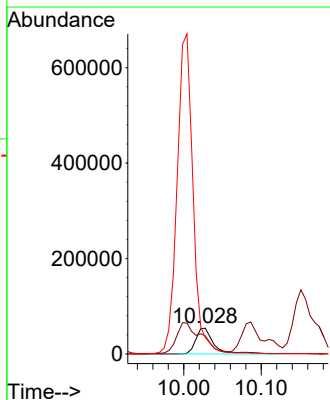
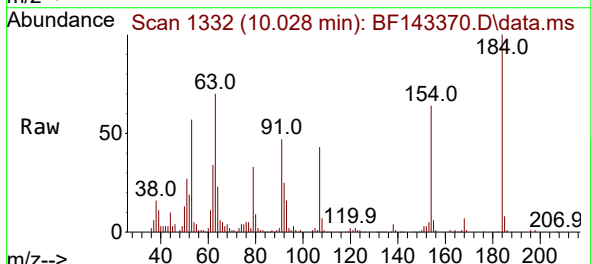
Manual Integrations
APPROVED

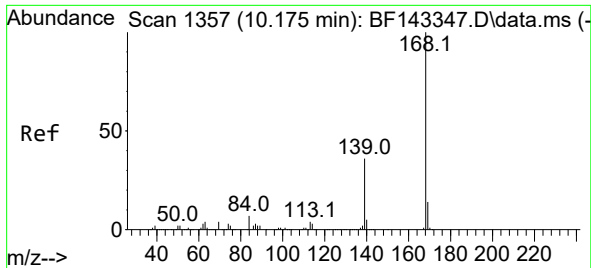
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#54
2,4-Dinitrophenol
Concen: 54.118 ng
RT: 10.028 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

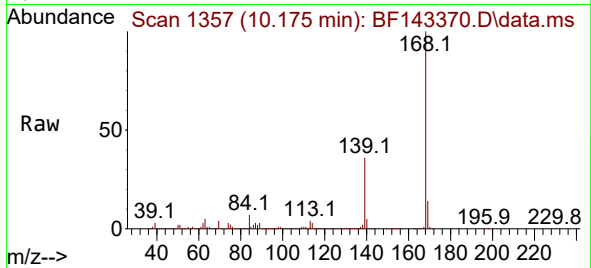
Tgt Ion:184 Resp: 88070
Ion Ratio Lower Upper
184 100
63 70.0 62.5 93.7
154 63.7 73.0 109.4#





#55
Dibenzenofuran
Concen: 43.476 ng
RT: 10.175 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

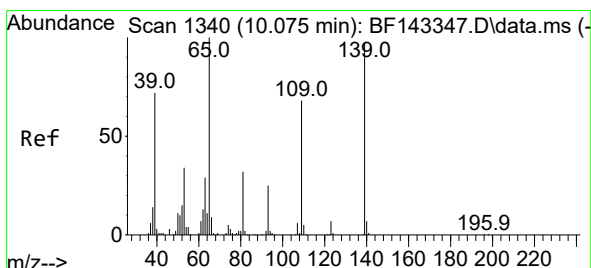
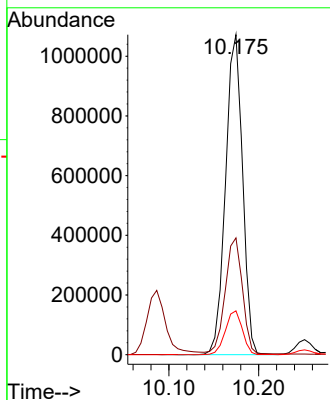
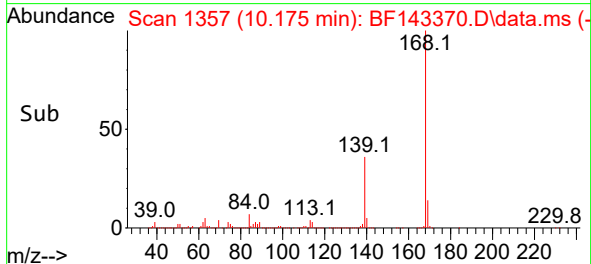
Instrument :
BNA_F
ClientSampleId :
TP-7MS



Tgt Ion:168 Resp: 140926
Ion Ratio Lower Upper
168 100
139 36.5 29.4 44.0
169 13.7 11.0 16.6

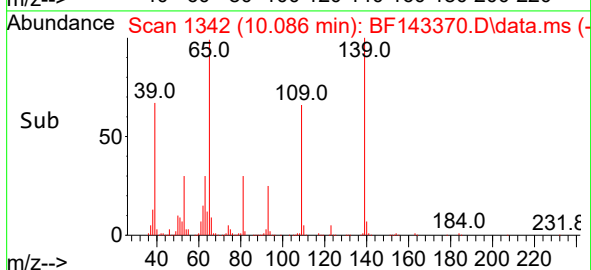
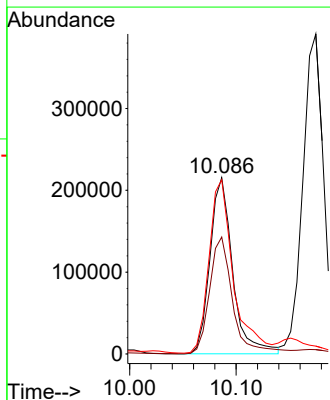
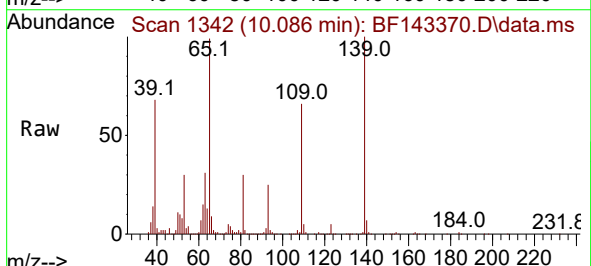
Manual Integrations
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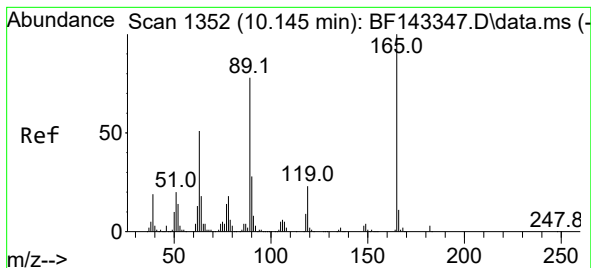
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#56
4-Nitrophenol
Concen: 79.309 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.011 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

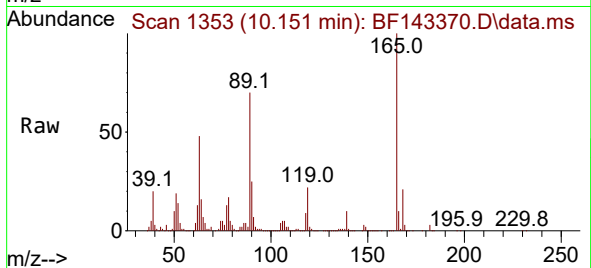
Tgt Ion:139 Resp: 319323
Ion Ratio Lower Upper
139 100
109 66.3 49.4 89.4
65 98.8 83.7 123.7





#57
2,4-Dinitrotoluene
Concen: 57.836 ng
RT: 10.151 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

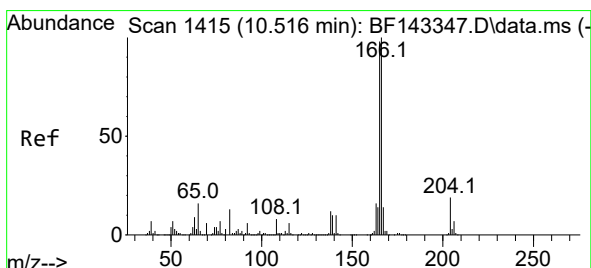
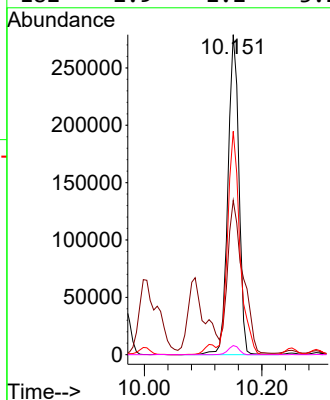
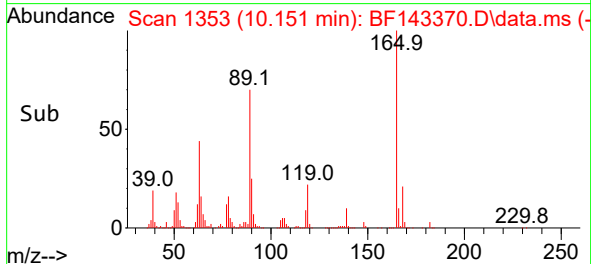
Instrument :
BNA_F
ClientSampleId :
TP-7MS



Tgt Ion:165 Resp: 361569
Ion Ratio Lower Upper
165 100
63 48.2 41.8 62.8
89 69.8 62.4 93.6
182 2.9 2.2 3.2

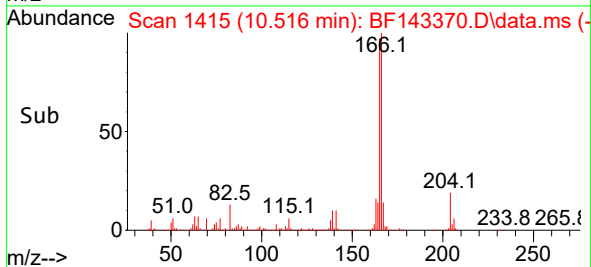
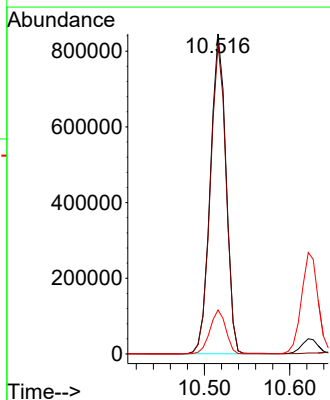
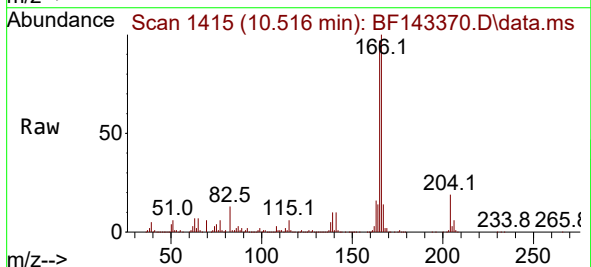
Manual Integrations
APPROVED

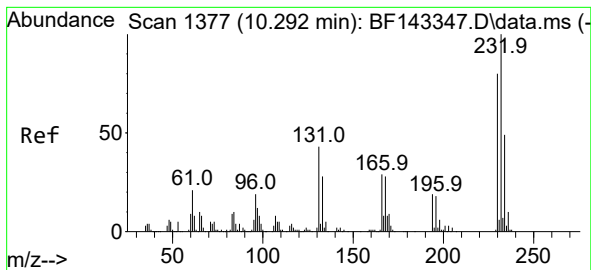
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#58
Fluorene
Concen: 43.691 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

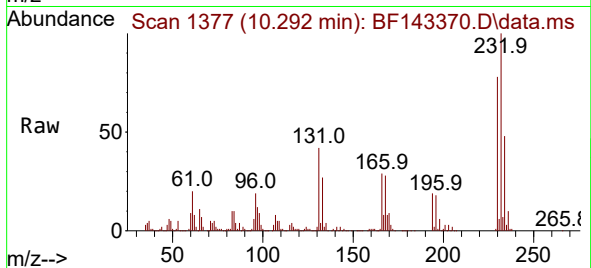
Tgt Ion:166 Resp: 1081757
Ion Ratio Lower Upper
166 100
165 96.8 78.2 117.4
167 13.8 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 60.205 ng
RT: 10.292 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

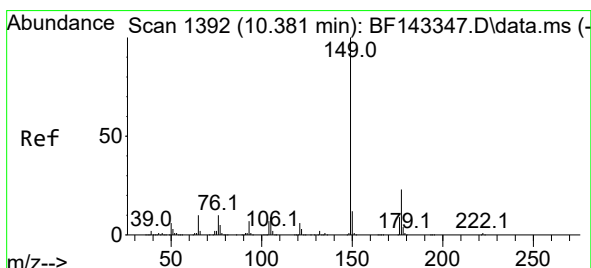
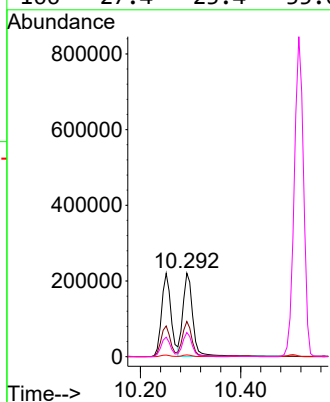
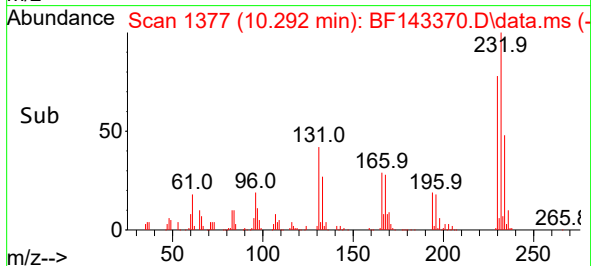
Instrument :
BNA_F
ClientSampleId :
TP-7MS



Tgt Ion:232 Resp: 29976
Ion Ratio Lower Upper
232 100
131 41.8 34.6 51.8
130 2.3 1.7 2.5
166 27.4 23.4 35.0

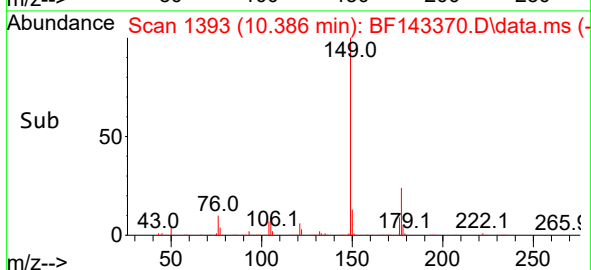
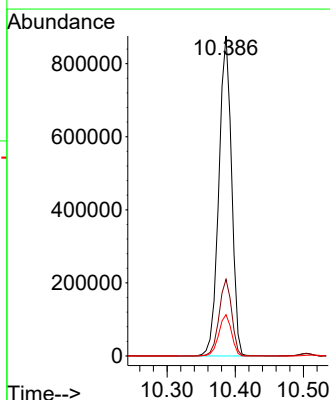
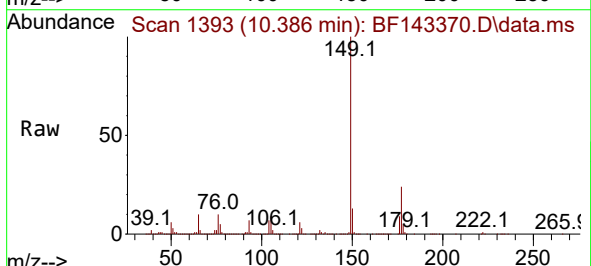
Manual Integrations
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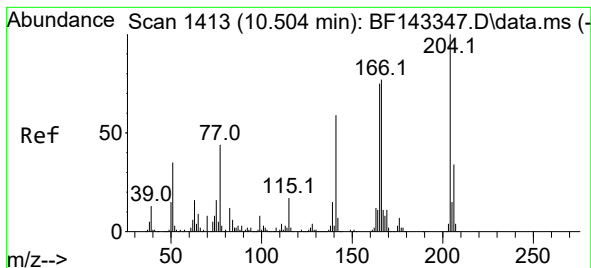
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#60
Diethylphthalate
Concen: 51.632 ng
RT: 10.386 min Scan# 1393
Delta R.T. 0.006 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

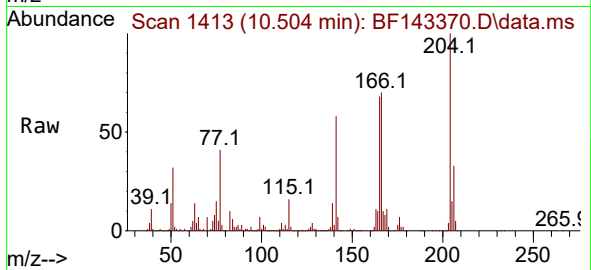
Tgt Ion:149 Resp: 1138434
Ion Ratio Lower Upper
149 100
177 24.0 18.2 27.2
150 12.9 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 45.697 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

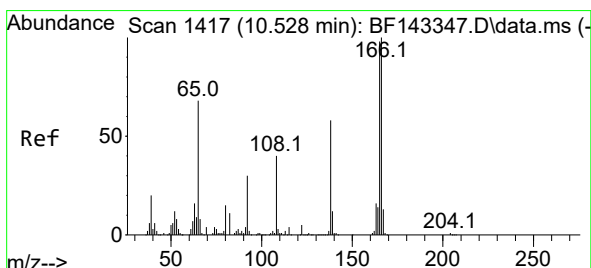
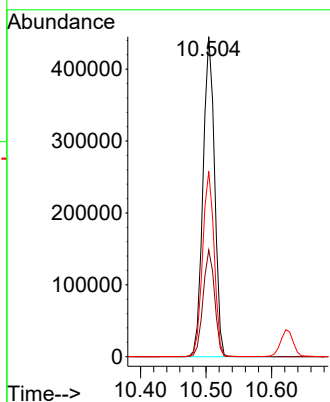
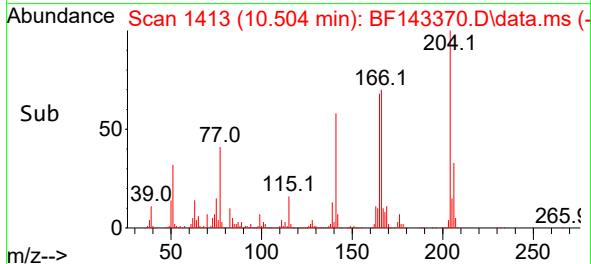
Instrument :
BNA_F
ClientSampleId :
TP-7MS



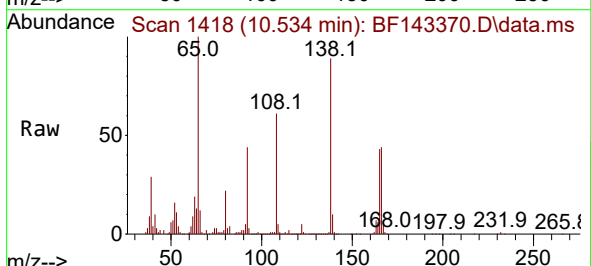
Tgt Ion:204 Resp: 546685
Ion Ratio Lower Upper
204 100
206 33.4 27.4 41.2
141 58.0 46.9 70.3

Manual Integrations
APPROVED

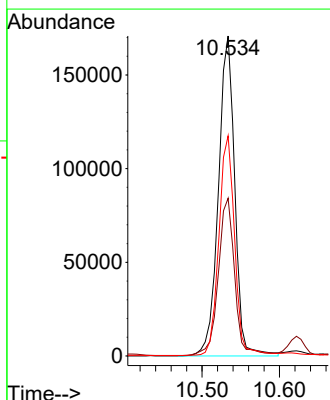
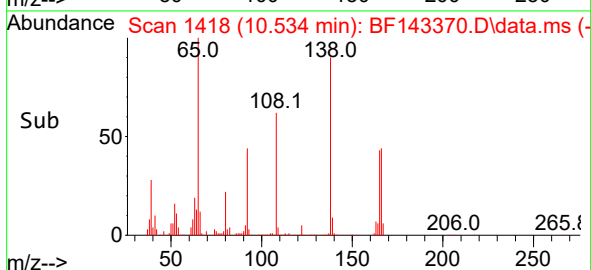
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

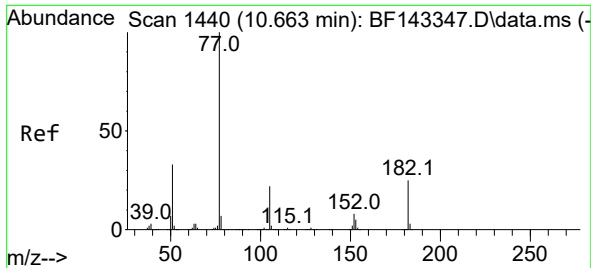


#62
4-Nitroaniline
Concen: 51.501 ng
RT: 10.534 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42



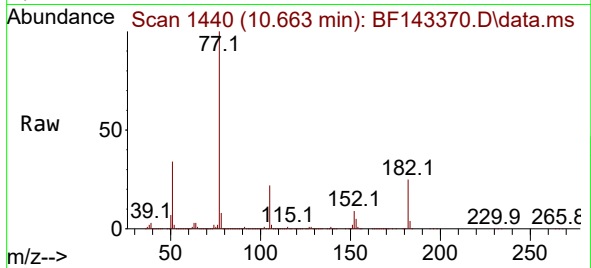
Tgt Ion:138 Resp: 251185
Ion Ratio Lower Upper
138 100
92 49.3 31.2 71.2
108 68.8 48.1 88.1





#63
Azobenzene
Concen: 46.843 ng
RT: 10.663 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

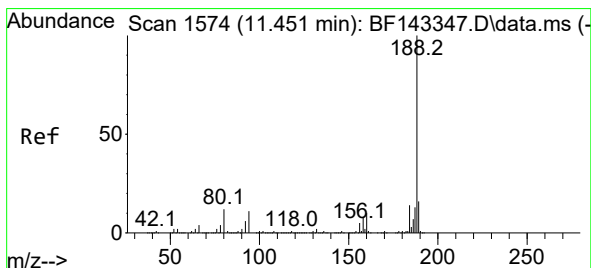
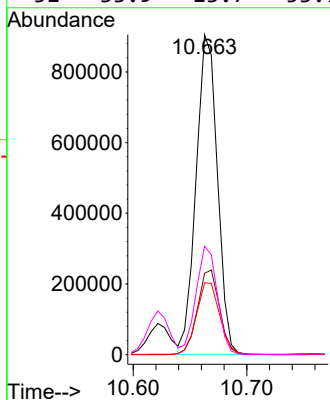
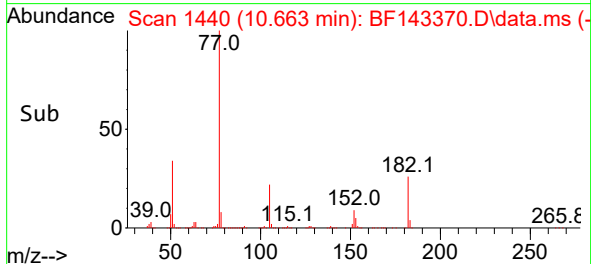
Instrument :
BNA_F
ClientSampleId :
TP-7MS



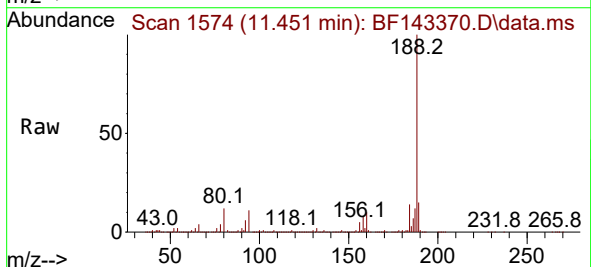
Tgt Ion: 77 Resp: 1179720
Ion Ratio Lower Upper
77 100
182 25.5 4.4 44.4
105 22.5 1.8 41.8
51 33.9 13.7 53.7

Manual Integrations
APPROVED

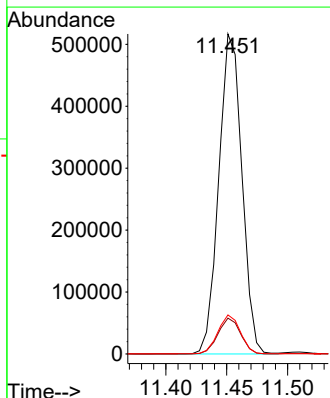
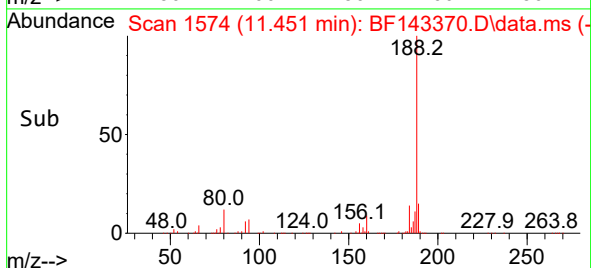
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

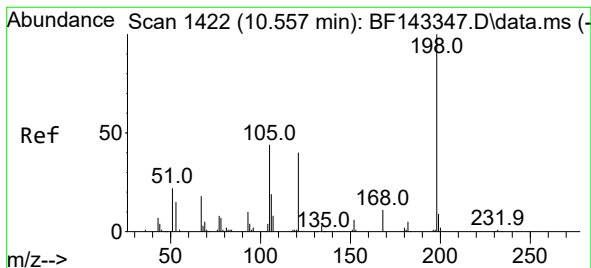


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42



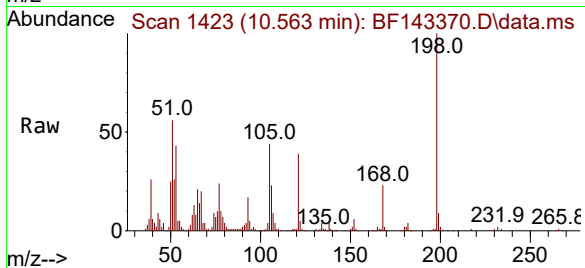
Tgt Ion:188 Resp: 682806
Ion Ratio Lower Upper
188 100
94 11.2 8.8 13.2
80 12.2 9.7 14.5





#65
4,6-Dinitro-2-methylphenol
Concen: 39.546 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

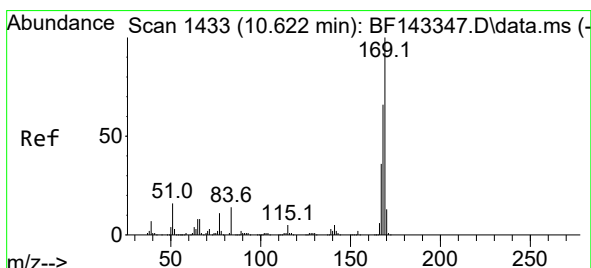
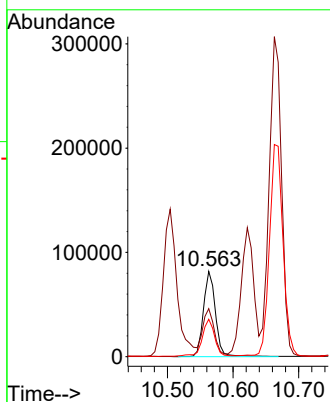
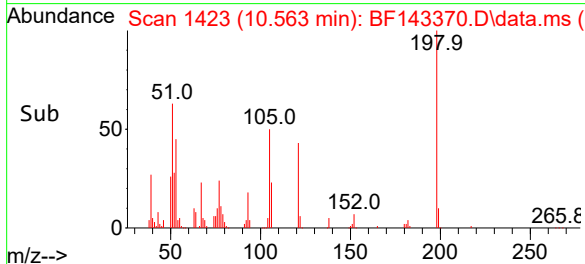
Instrument :
BNA_F
ClientSampleId :
TP-7MS



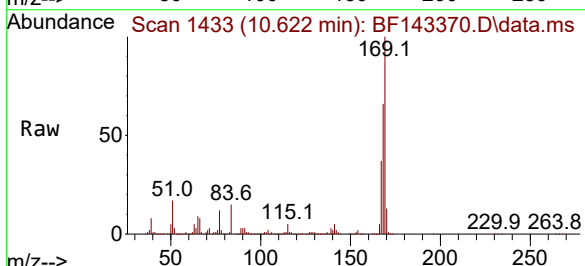
Tgt Ion:198 Resp: 105084
Ion Ratio Lower Upper
198 100
51 56.3 41.7 81.7
105 44.0 26.8 66.8

Manual Integrations
APPROVED

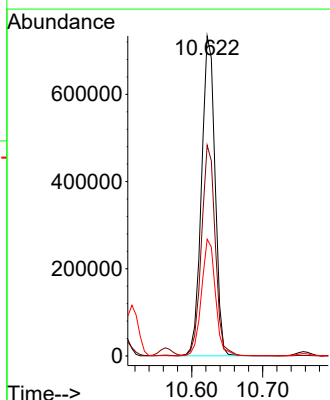
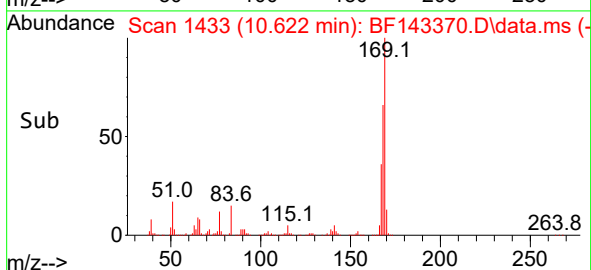
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

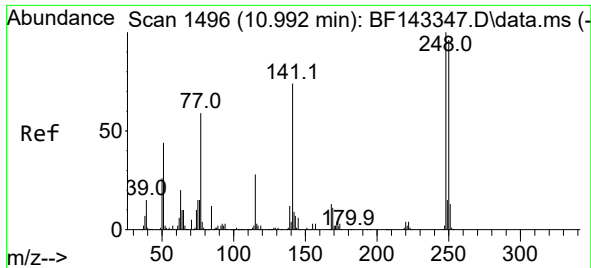


#66
n-Nitrosodiphenylamine
Concen: 43.096 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42



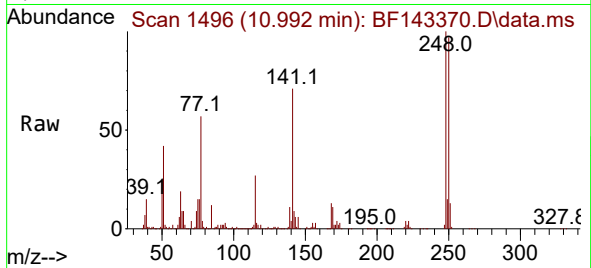
Tgt Ion:169 Resp: 968942
Ion Ratio Lower Upper
169 100
168 65.8 52.7 79.1
167 36.5 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 46.367 ng
RT: 10.992 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

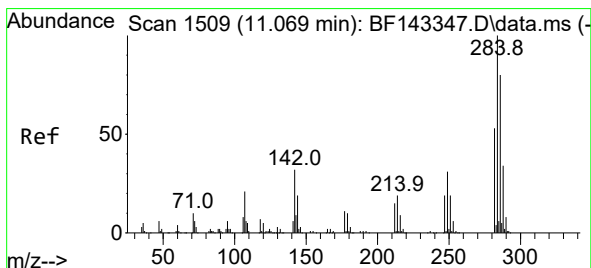
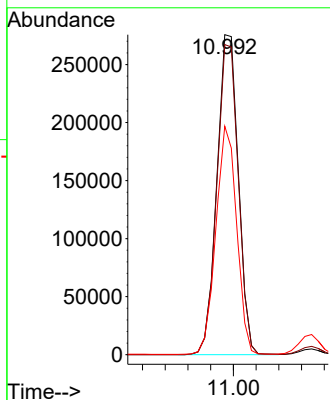
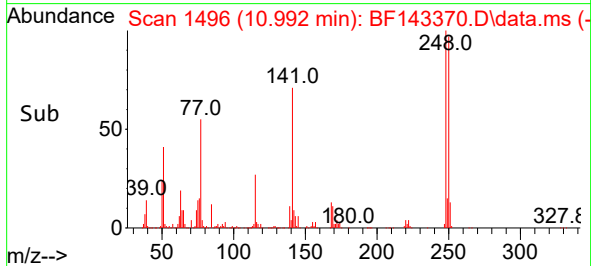
Instrument :
BNA_F
ClientSampleId :
TP-7MS



Tgt Ion:248 Resp: 362085
Ion Ratio Lower Upper
248 100
250 96.9 77.1 115.7
141 71.4 59.1 88.7

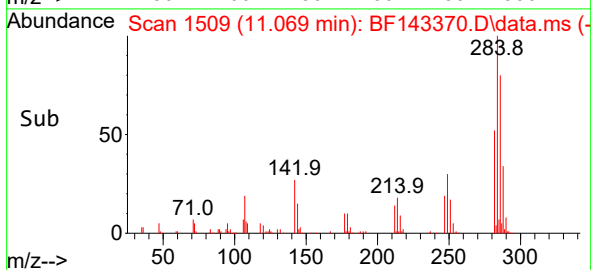
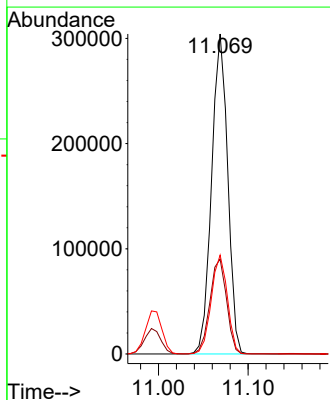
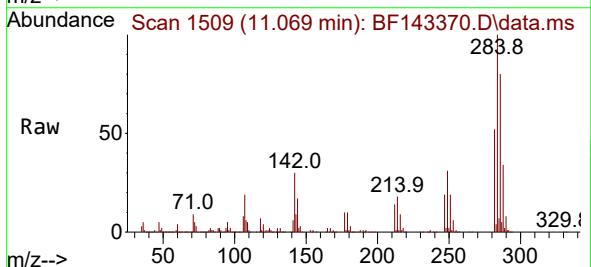
Manual Integrations
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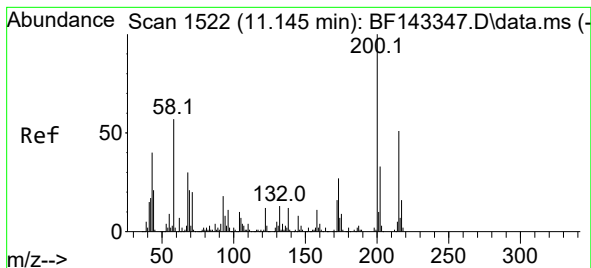
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#68
Hexachlorobenzene
Concen: 45.003 ng
RT: 11.069 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

Tgt Ion:284 Resp: 378815
Ion Ratio Lower Upper
284 100
142 29.6 25.7 38.5
249 30.9 24.6 37.0





#69

Atrazine

Concen: 55.699 ng

RT: 11.151 min Scan# 1523

Delta R.T. 0.006 min

Lab File: BF143370.D

Acq: 13 Aug 2025 12:42

Instrument :

BNA_F

ClientSampleId :

TP-7MS

Tgt Ion:200 Resp: 32662

Ion Ratio Lower Upper

200 100

173 26.4 6.6 46.6

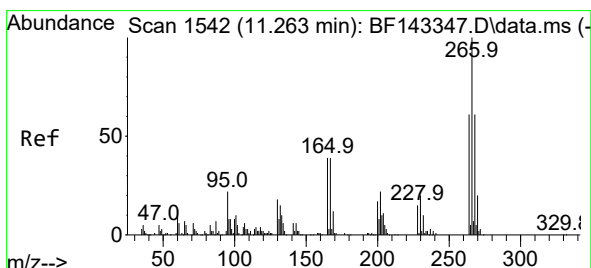
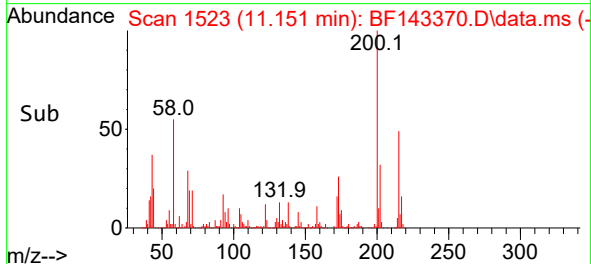
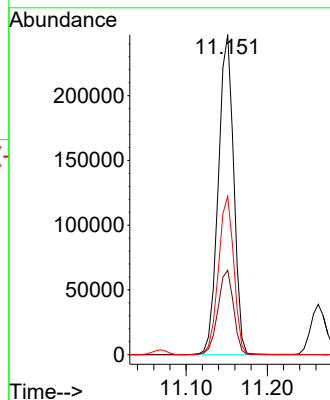
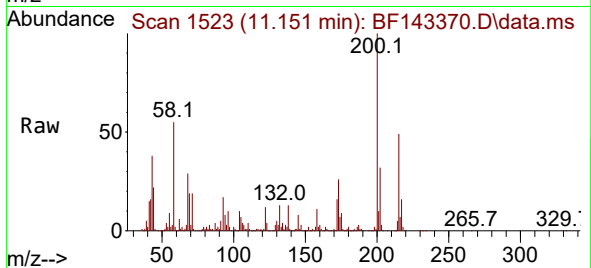
215 49.5 30.6 70.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#70

Pentachlorophenol

Concen: 81.591 ng

RT: 11.263 min Scan# 1542

Delta R.T. -0.000 min

Lab File: BF143370.D

Acq: 13 Aug 2025 12:42

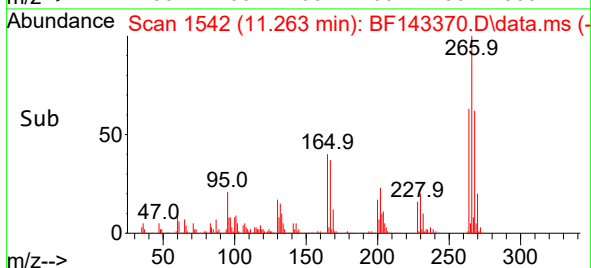
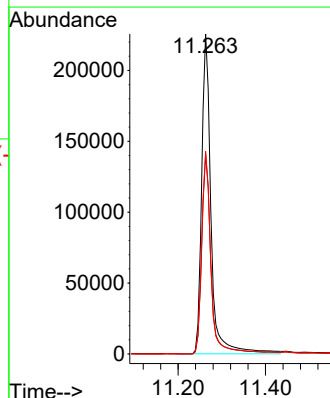
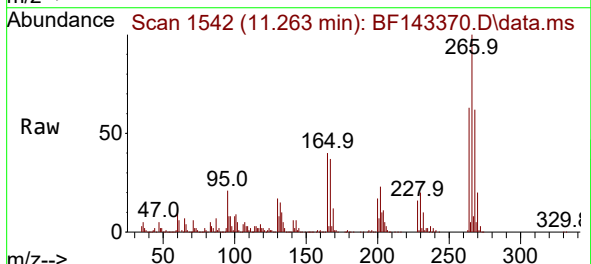
Tgt Ion:266 Resp: 336697

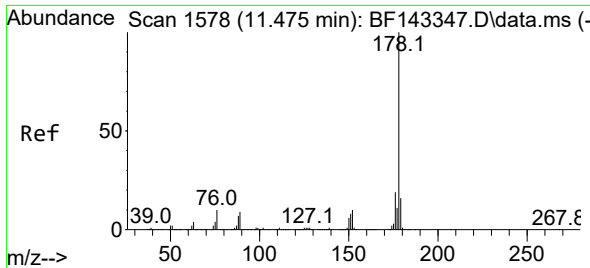
Ion Ratio Lower Upper

266 100

268 62.4 48.8 73.2

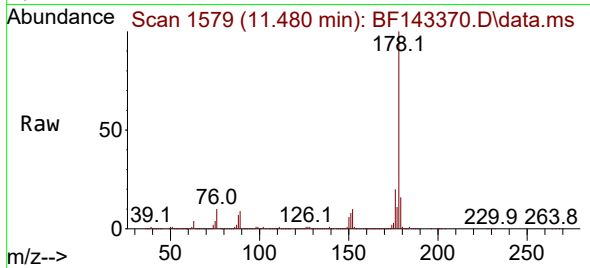
264 63.3 48.8 73.2





#71
Phenanthrene
Concen: 42.333 ng
RT: 11.480 min Scan# 1578
Delta R.T. 0.006 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

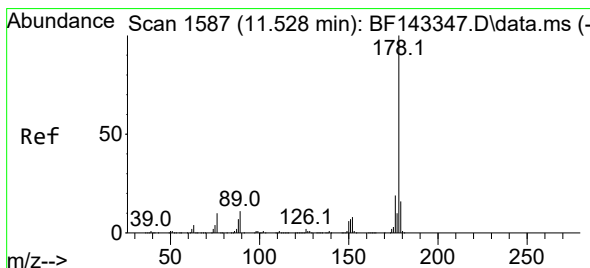
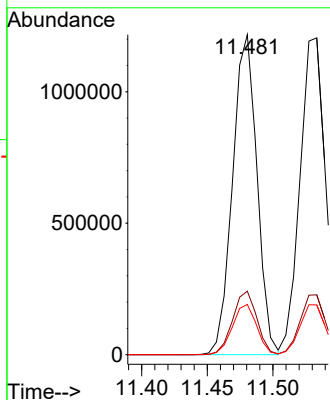
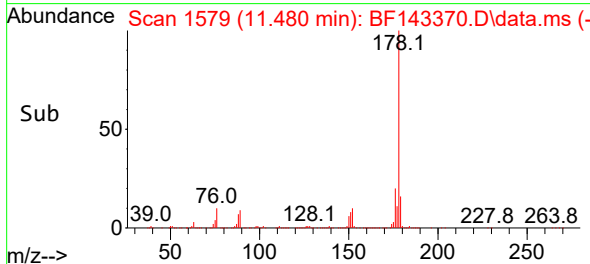
Instrument :
BNA_F
ClientSampleId :
TP-7MS



Tgt Ion:178 Resp: 1577040
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 15.7 12.5 18.7

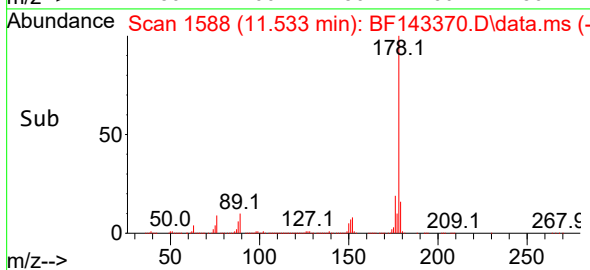
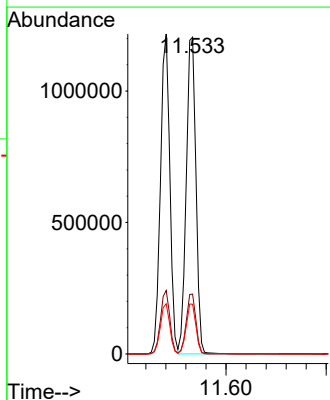
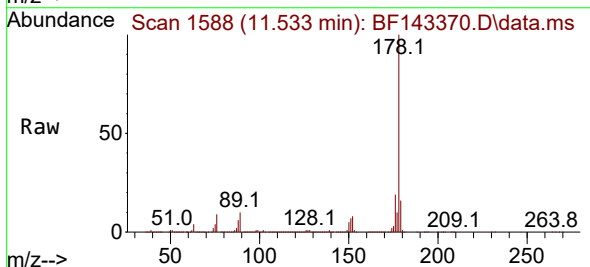
Manual Integrations
APPROVED

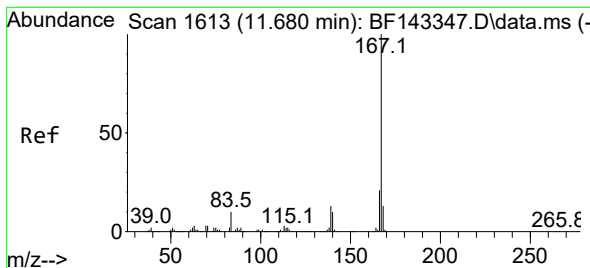
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#72
Anthracene
Concen: 42.794 ng
RT: 11.533 min Scan# 1588
Delta R.T. 0.006 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

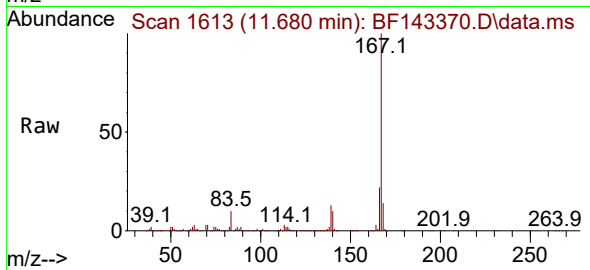
Tgt Ion:178 Resp: 1616799
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.7 12.7 19.1





#73
 Carbazole
 Concen: 45.091 ng
 RT: 11.680 min Scan# 1613
 Delta R.T. 0.000 min
 Lab File: BF143370.D
 Acq: 13 Aug 2025 12:42

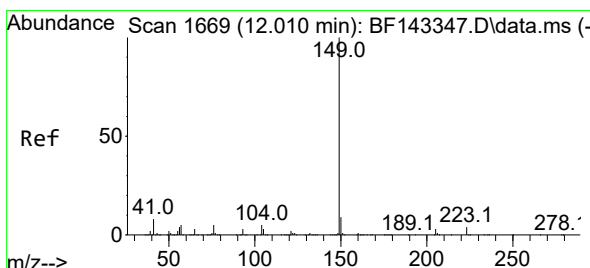
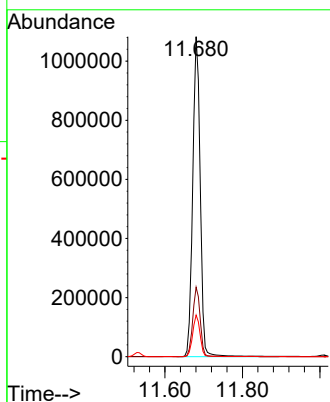
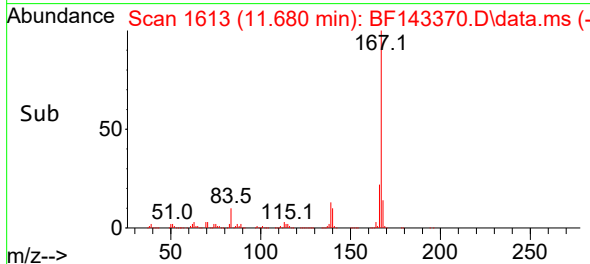
Instrument :
 BNA_F
 ClientSampleId :
 TP-7MS



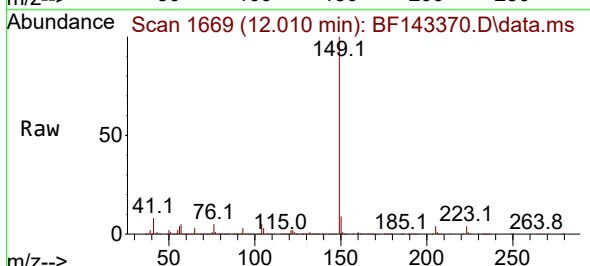
Tgt Ion:167 Resp: 145086
 Ion Ratio Lower Upper
 167 100
 166 21.7 16.8 25.2
 139 13.0 10.2 15.2

Manual Integrations
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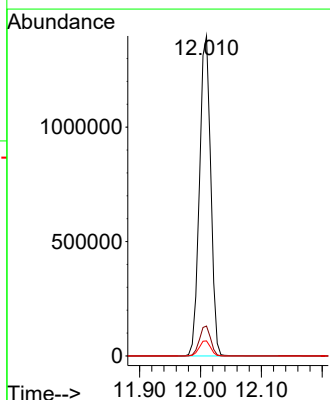
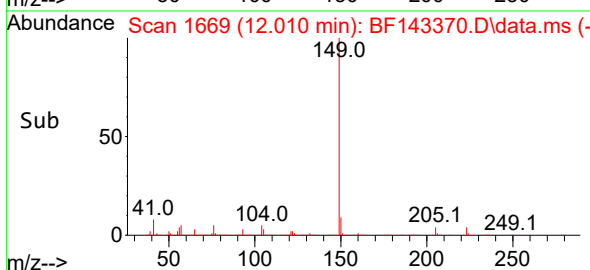
Reviewed By :Rahul Chavli 08/14/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

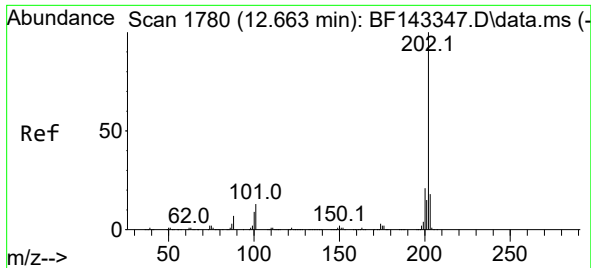


#74
 Di-n-butylphthalate
 Concen: 65.837 ng
 RT: 12.010 min Scan# 1669
 Delta R.T. -0.000 min
 Lab File: BF143370.D
 Acq: 13 Aug 2025 12:42



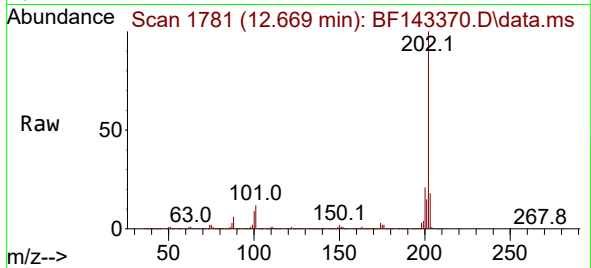
Tgt Ion:149 Resp: 1792579
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 4.7 3.8 5.8





#75
Fluoranthene
Concen: 48.506 ng
RT: 12.669 min Scan# 1780
Delta R.T. 0.006 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

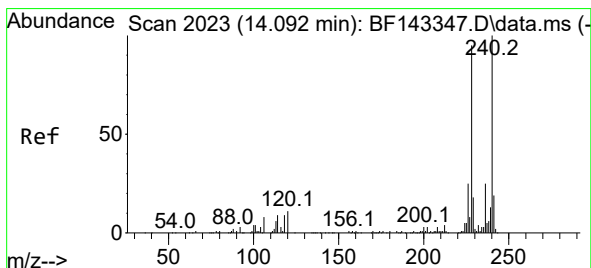
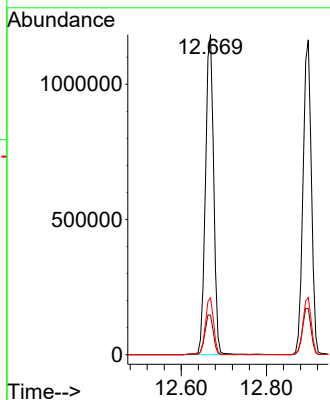
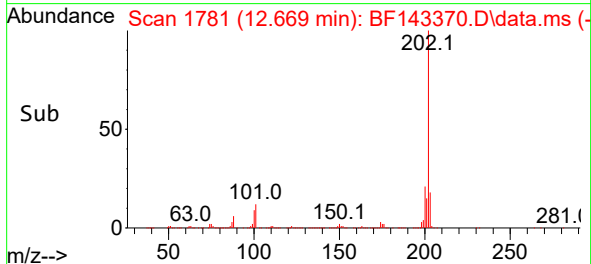
Instrument :
BNA_F
ClientSampleId :
TP-7MS



Tgt Ion:202 Resp: 1582869
Ion Ratio Lower Upper
202 100
101 12.4 0.0 33.2
203 17.8 0.0 37.6

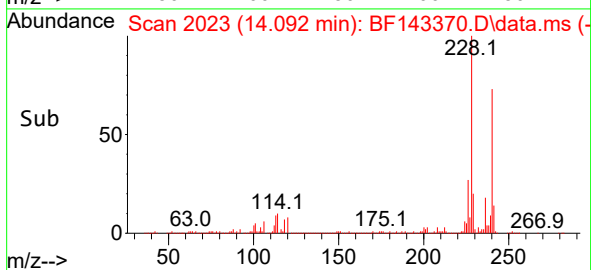
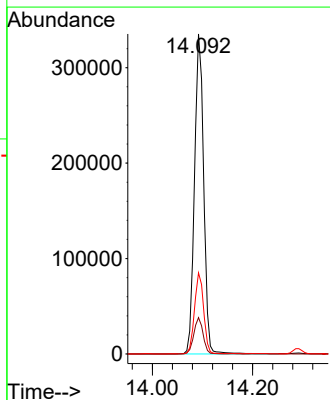
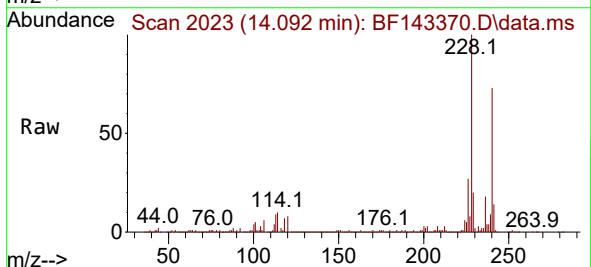
Manual Integrations
APPROVED

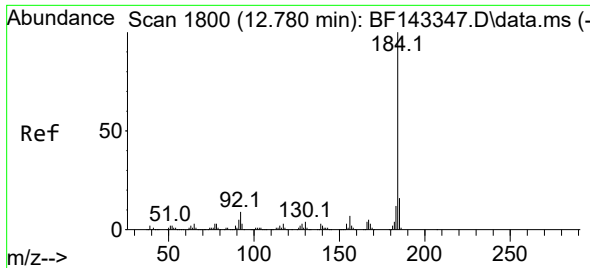
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

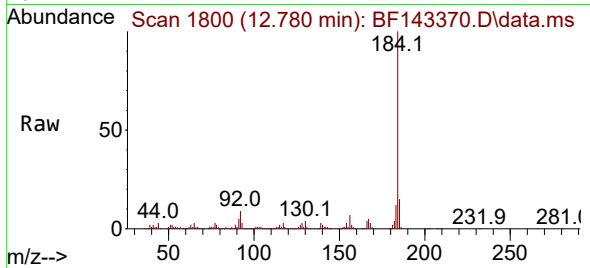
Tgt Ion:240 Resp: 425600
Ion Ratio Lower Upper
240 100
120 11.4 9.0 13.6
236 25.4 19.9 29.9





#77
Benzidine
Concen: 29.695 ng
RT: 12.780 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

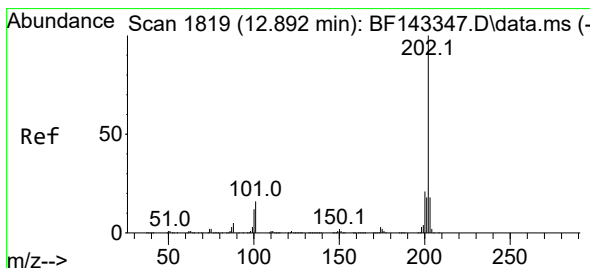
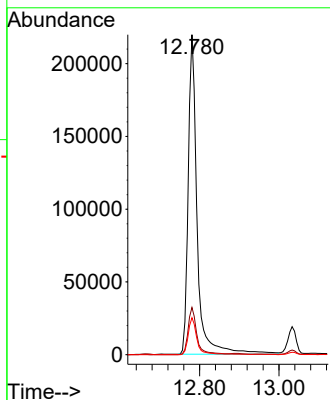
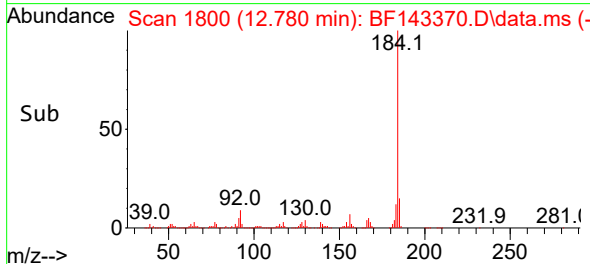
Instrument :
BNA_F
ClientSampleId :
TP-7MS



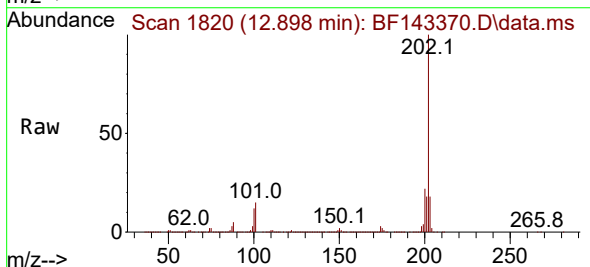
Tgt Ion:184 Resp: 34552
Ion Ratio Lower Upper
184 100
185 14.8 12.8 19.2
183 11.6 9.3 13.9

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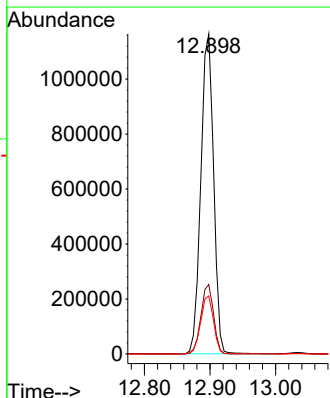
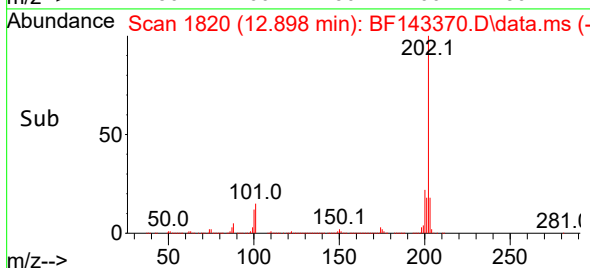
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

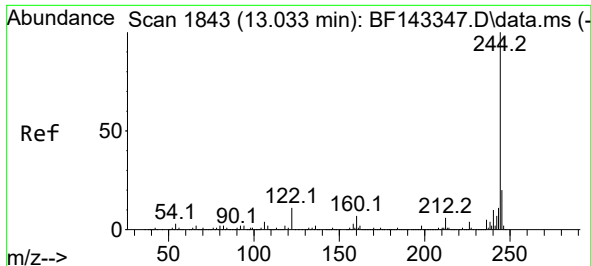


#78
Pyrene
Concen: 44.227 ng
RT: 12.898 min Scan# 1820
Delta R.T. 0.006 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42



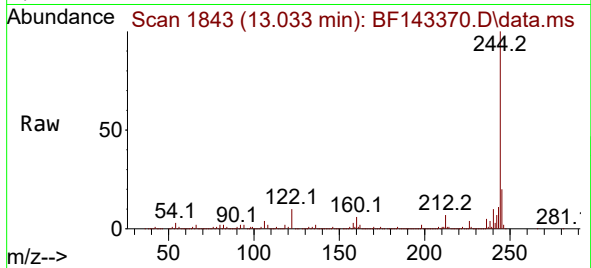
Tgt Ion:202 Resp: 1579082
Ion Ratio Lower Upper
202 100
200 21.7 16.8 25.2
203 18.2 14.2 21.4





#79
Terphenyl-d14
Concen: 88.860 ng
RT: 13.033 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

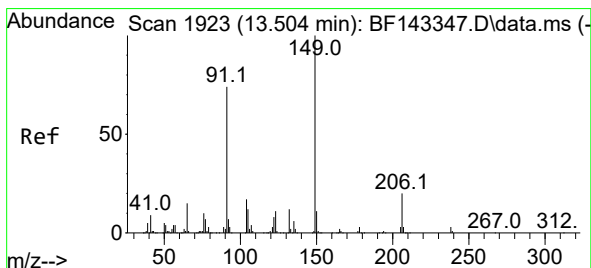
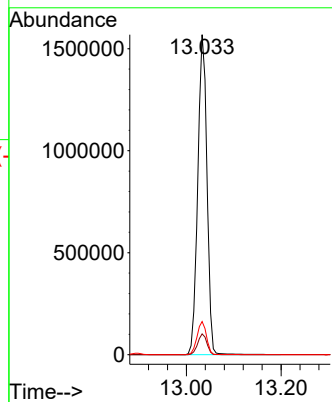
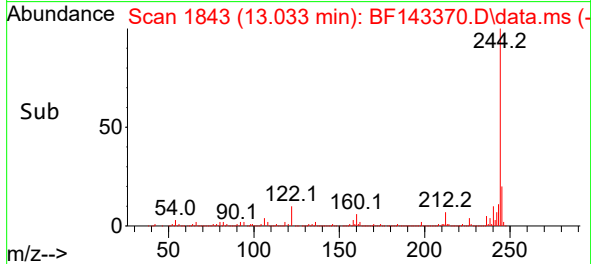
Instrument :
BNA_F
ClientSampleId :
TP-7MS



Tgt Ion:244 Resp: 211829
Ion Ratio Lower Upper
244 100
212 6.5 5.1 7.7
122 10.3 8.9 13.3

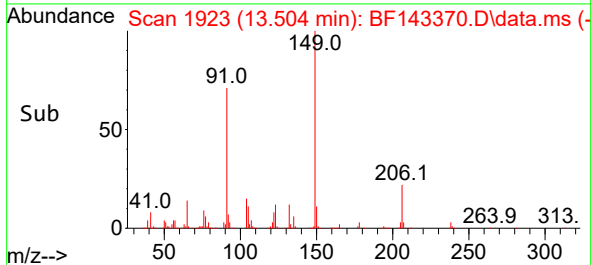
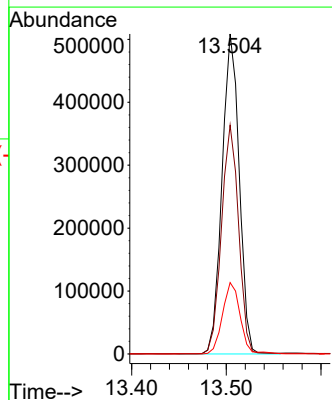
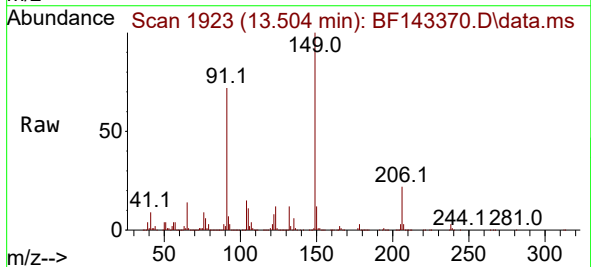
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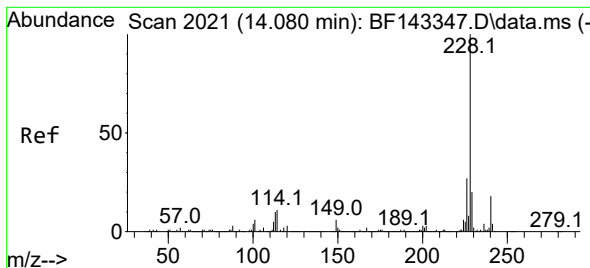
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#80
Butylbenzylphthalate
Concen: 88.178 ng
RT: 13.504 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

Tgt Ion:149 Resp: 643416
Ion Ratio Lower Upper
149 100
91 71.5 58.8 88.2
206 22.3 16.4 24.6





#81

Benzo(a)anthracene

Concen: 44.132 ng

RT: 14.080 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF143370.D

Acq: 13 Aug 2025 12:42

Instrument :

BNA_F

ClientSampleId :

TP-7MS

Tgt Ion:228 Resp: 119381

Ion Ratio Lower Upper

228 100

226 27.5 22.0 33.0

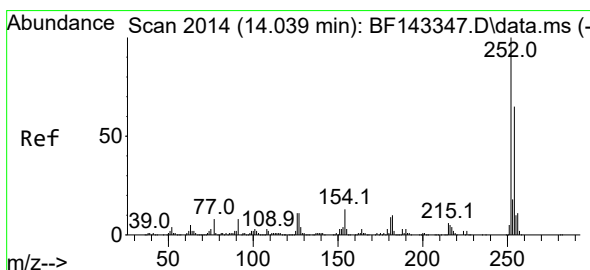
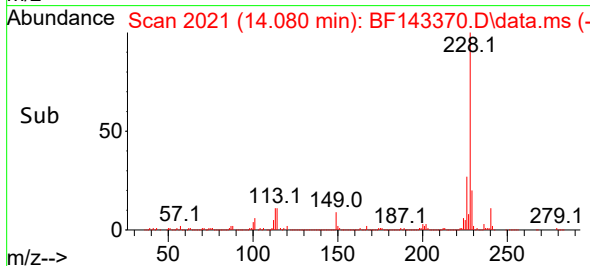
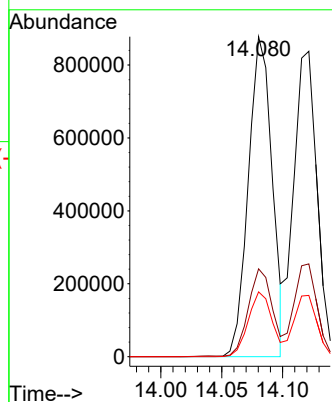
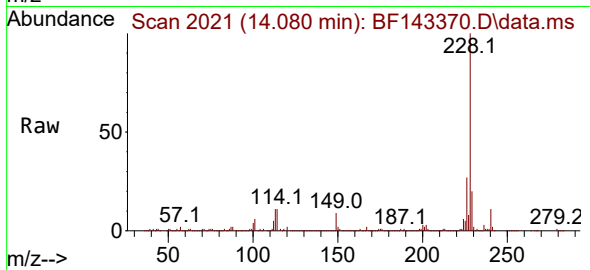
229 20.2 15.8 23.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#82

3,3'-Dichlorobenzidine

Concen: 27.369 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143370.D

Acq: 13 Aug 2025 12:42

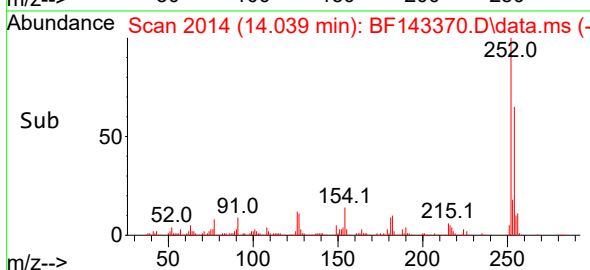
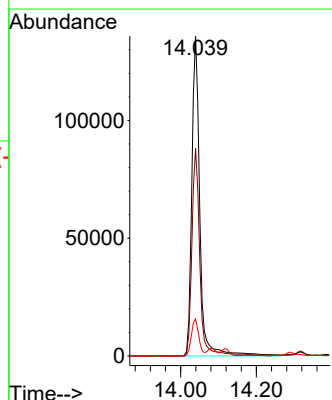
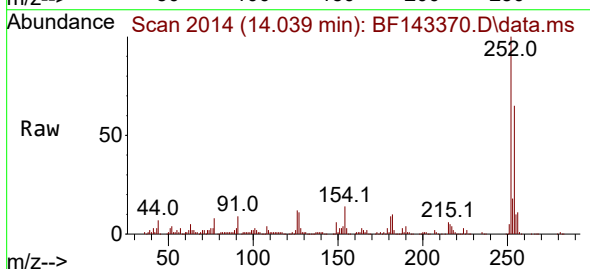
Tgt Ion:252 Resp: 199916

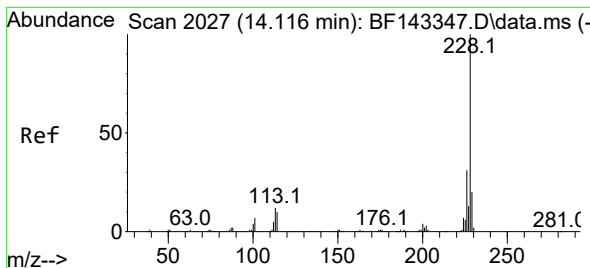
Ion Ratio Lower Upper

252 100

254 64.9 51.7 77.5

126 11.5 9.2 13.8





#83

Chrysene

Concen: 45.300 ng

RT: 14.121 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF143370.D

Acq: 13 Aug 2025 12:42

Instrument :

BNA_F

ClientSampleId :

TP-7MS

Tgt Ion:228 Resp: 1142634

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.2

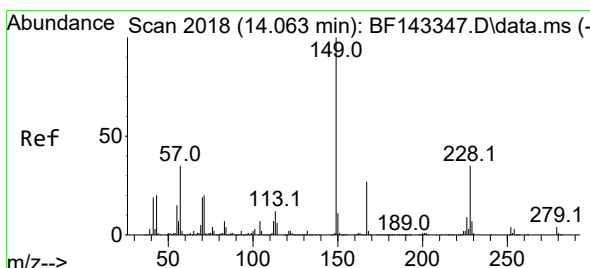
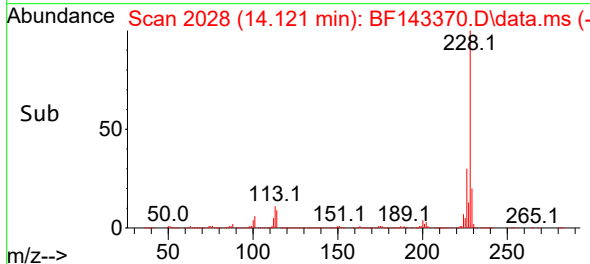
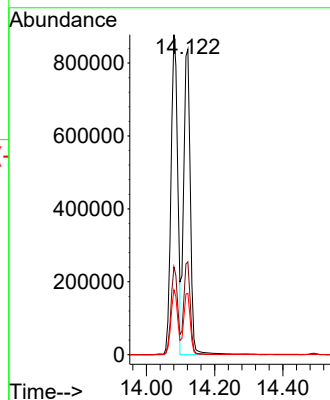
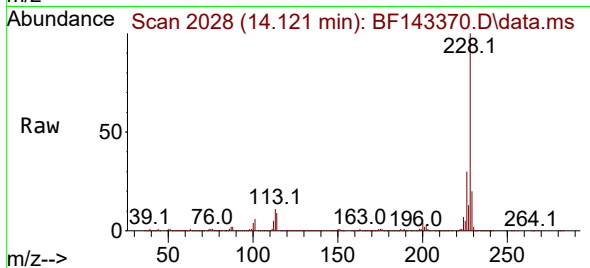
229 20.0 15.8 23.6

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Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 76.885 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BF143370.D

Acq: 13 Aug 2025 12:42

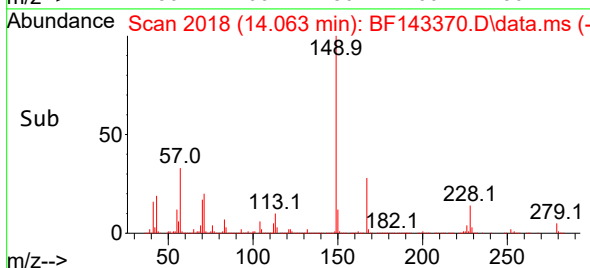
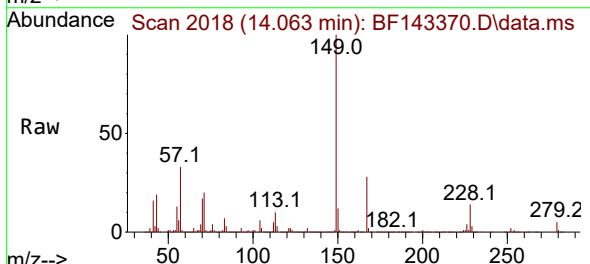
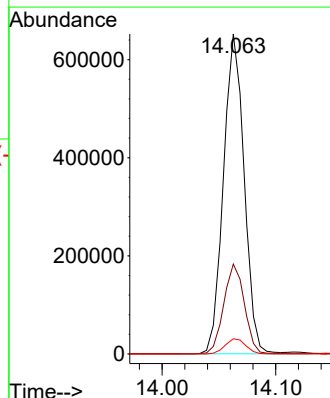
Tgt Ion:149 Resp: 825069

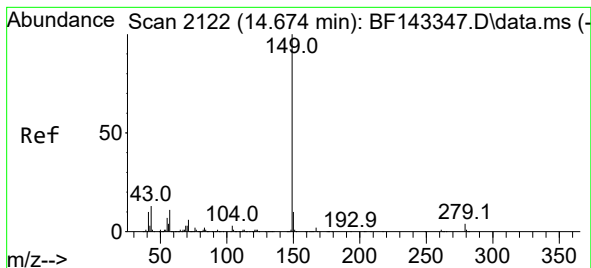
Ion Ratio Lower Upper

149 100

167 28.1 21.4 32.0

279 4.7 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 54.732 ng

RT: 14.674 min Scan# 2122

Delta R.T. 0.000 min

Lab File: BF143370.D

Acq: 13 Aug 2025 12:42

Instrument :

BNA_F

ClientSampleId :

TP-7MS

Tgt Ion:149 Resp: 115085

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

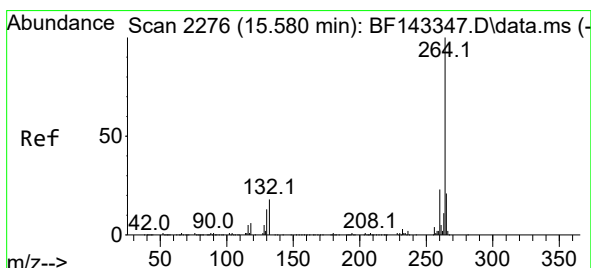
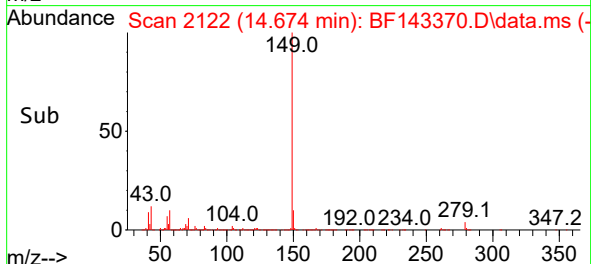
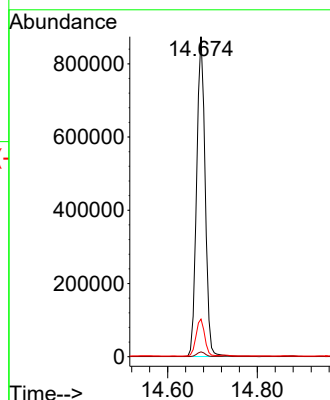
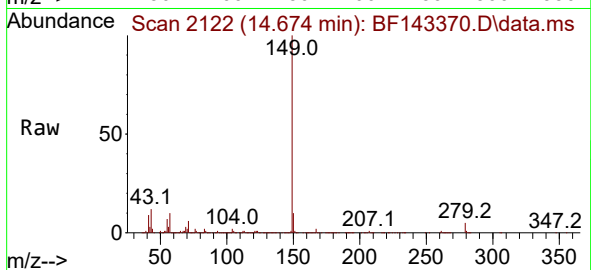
43 11.7 10.8 16.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2276

Delta R.T. 0.000 min

Lab File: BF143370.D

Acq: 13 Aug 2025 12:42

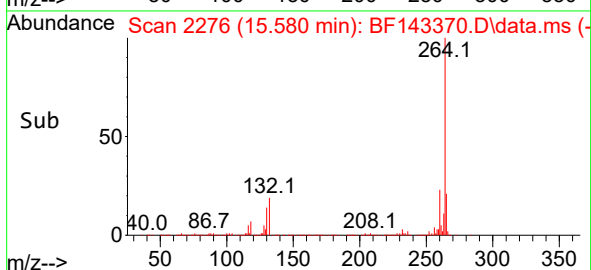
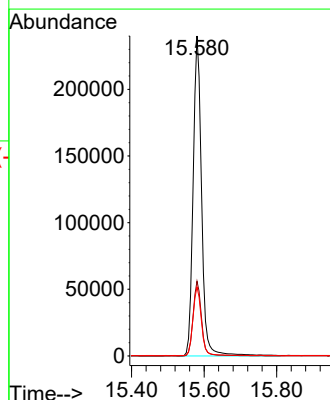
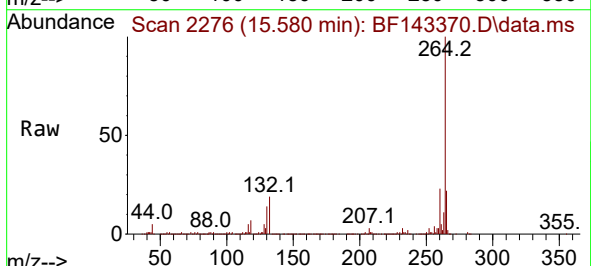
Tgt Ion:264 Resp: 390381

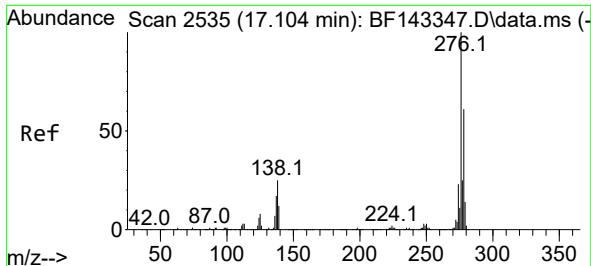
Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

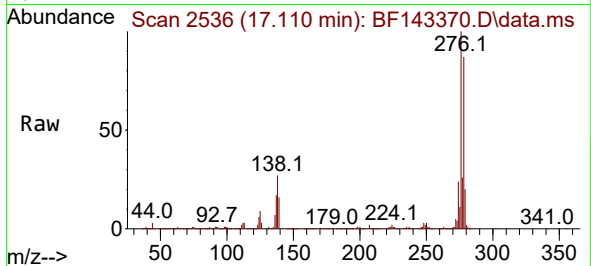
265 21.6 17.2 25.8





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.109 ng
 RT: 17.110 min Scan# 2536
 Delta R.T. 0.006 min
 Lab File: BF143370.D
 Acq: 13 Aug 2025 12:42

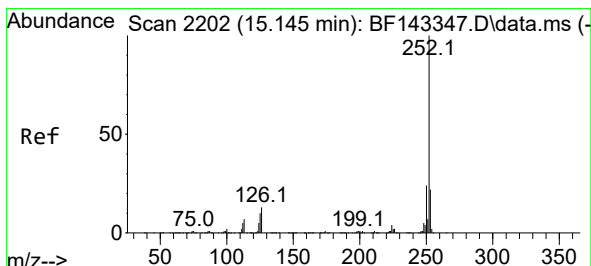
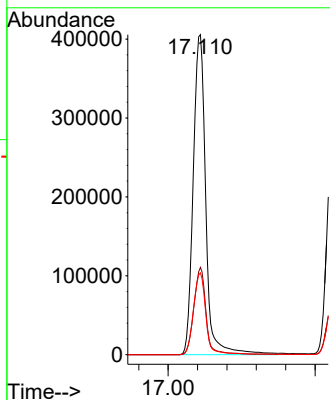
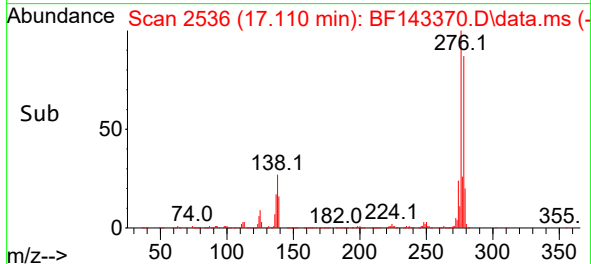
Instrument :
 BNA_F
 ClientSampleId :
 TP-7MS



Tgt Ion:276 Resp: 1205680
 Ion Ratio Lower Upper
 276 100
 138 26.4 21.1 31.7
 277 25.0 20.2 30.2

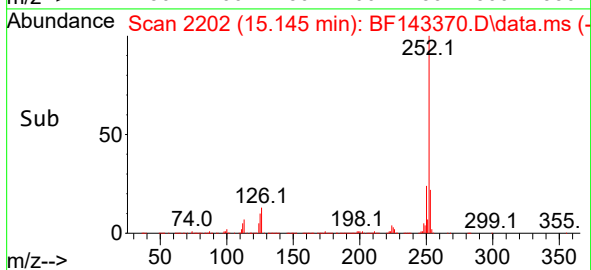
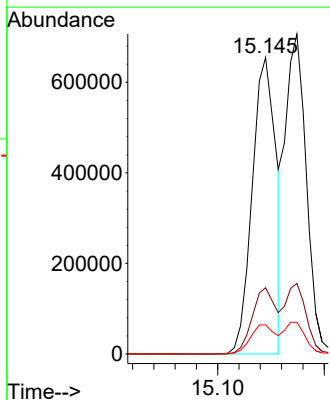
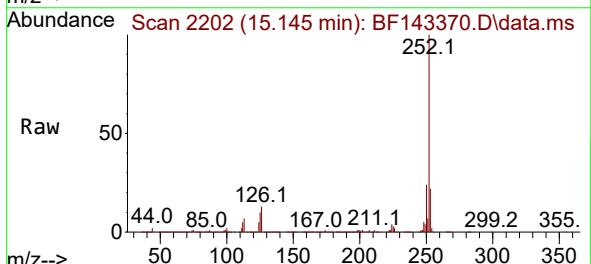
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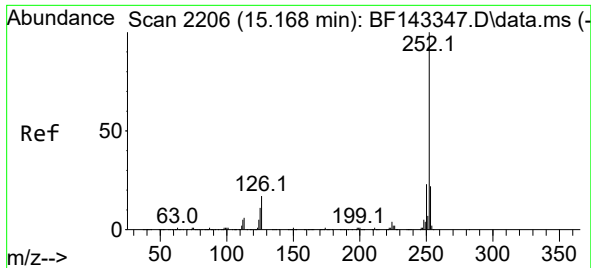
Reviewed By :Rahul Chavli 08/14/2025
 Supervised By :Jagrut Upadhyay 08/15/2025



#88
 Benzo(b)fluoranthene
 Concen: 47.256 ng
 RT: 15.145 min Scan# 2202
 Delta R.T. 0.000 min
 Lab File: BF143370.D
 Acq: 13 Aug 2025 12:42

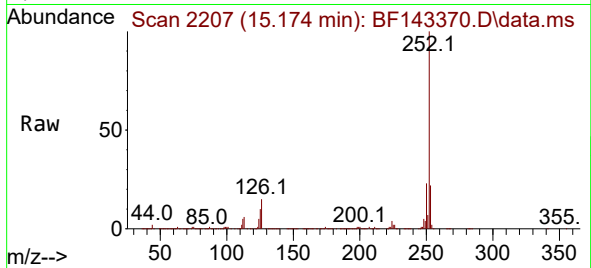
Tgt Ion:252 Resp: 1009008
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.8 26.8
 125 9.9 7.8 11.6





#89
Benzo(k)fluoranthene
Concen: 48.154 ng
RT: 15.174 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

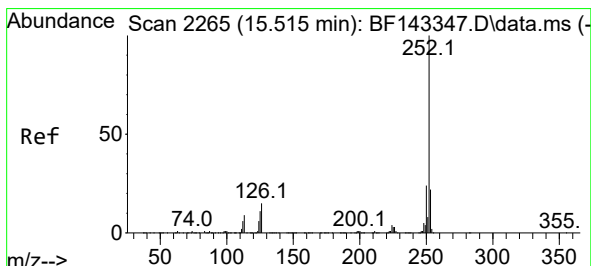
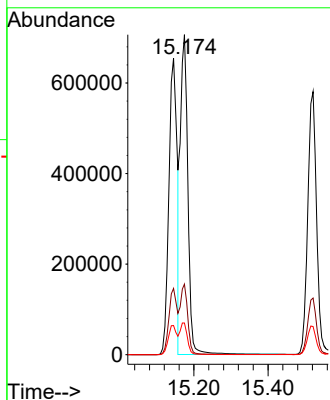
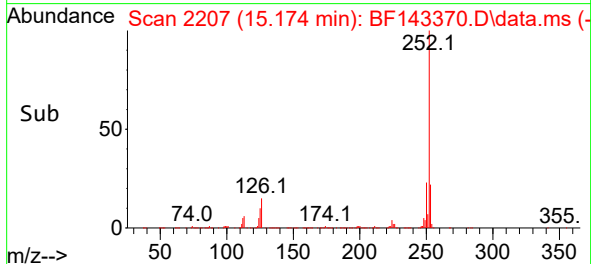
Instrument :
BNA_F
ClientSampleId :
TP-7MS



Tgt Ion:252 Resp: 999093
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 9.9 8.4 12.6

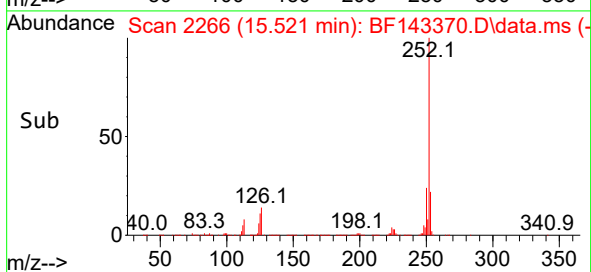
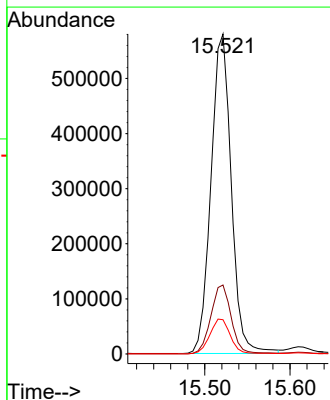
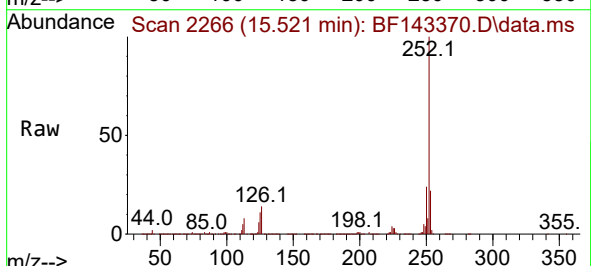
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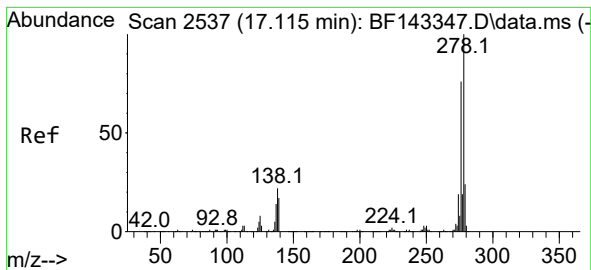
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#90
Benzo(a)pyrene
Concen: 47.768 ng
RT: 15.521 min Scan# 2266
Delta R.T. 0.006 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

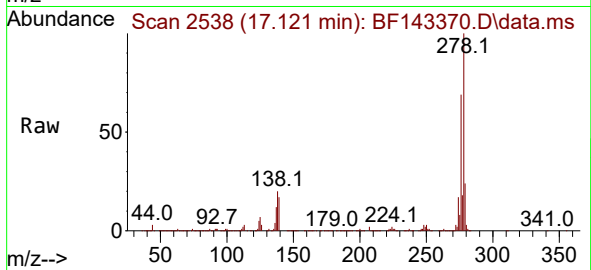
Tgt Ion:252 Resp: 960620
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 10.7 9.1 13.7





#91
Dibenzo(a,h)anthracene
Concen: 44.198 ng
RT: 17.121 min Scan# 2538
Delta R.T. 0.006 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42

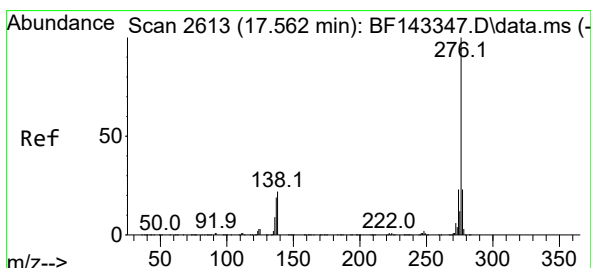
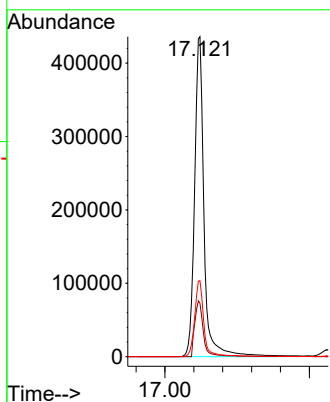
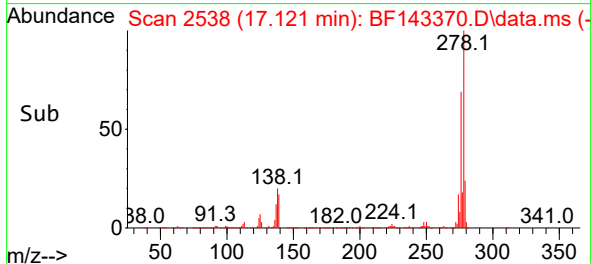
Instrument :
BNA_F
ClientSampleId :
TP-7MS



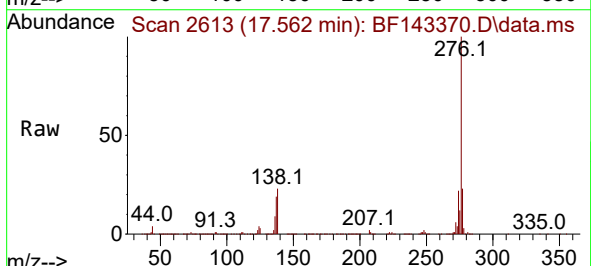
Tgt Ion:278 Resp: 987540
Ion Ratio Lower Upper
278 100
139 16.6 14.0 21.0
279 23.7 19.4 29.0

Manual Integrations
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Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 40.968 ng
RT: 17.562 min Scan# 2613
Delta R.T. 0.000 min
Lab File: BF143370.D
Acq: 13 Aug 2025 12:42



Tgt Ion:276 Resp: 922129
Ion Ratio Lower Upper
276 100
277 23.5 18.7 28.1
138 22.9 17.8 26.8

