

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101725\
 Data File : BF143989.D
 Acq On : 17 Oct 2025 17:16
 Operator : RC/JU
 Sample : Q3352-04MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/20/2025
 Supervised By :Jagrut Upadhyay 10/20/2025

Quant Time: Oct 17 17:36:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	84940	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	333517	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	183894	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	312055	20.000	ng	0.00
76) Chrysene-d12	14.063	240	209178	20.000	ng	0.00
86) Perylene-d12	15.545	264	234382	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	780989	146.009	ng	0.02
7) Phenol-d6	6.510	99	891823	139.879	ng	0.00
23) Nitrobenzene-d5	7.446	82	624439	113.750	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	307460	167.862	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1184077	102.169	ng	-0.01
79) Terphenyl-d14	13.004	244	1218467	99.554	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.811	88	127946	51.691	ng	# 78
3) Pyridine	3.528	79	327129	45.399	ng	99
4) n-Nitrosodimethylamine	3.469	42	205585	54.236	ng	93
6) Aniline	6.546	93	148617	15.556	ng	96
8) 2-Chlorophenol	6.669	128	287740	55.033	ng	97
9) Benzaldehyde	6.434	77	145008	29.484	ng	98
10) Phenol	6.528	94	374435	49.124	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	325848	55.341	ng	98
12) 1,3-Dichlorobenzene	6.822	146	331565	52.977	ng	100
13) 1,4-Dichlorobenzene	6.898	146	339080	54.924	ng	99
14) 1,2-Dichlorobenzene	7.051	146	326201	55.163	ng	99
15) Benzyl Alcohol	7.022	79	282063	59.046	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	748612	55.856	ng	99
17) 2-Methylphenol	7.134	107	244806	56.654	ng	99
18) Hexachloroethane	7.393	117	110969	53.897	ng	97
19) n-Nitroso-di-n-propyla...	7.293	70	231844	53.125	ng	99
20) 3+4-Methylphenols	7.287	107	270970	54.107	ng	# 65
22) Acetophenone	7.293	105	413141	58.585	ng	99
24) Nitrobenzene	7.463	77	350310	57.464	ng	98
25) Isophorone	7.704	82	635207	54.878	ng	98
26) 2-Nitrophenol	7.781	139	164670	63.004	ng	97
27) 2,4-Dimethylphenol	7.816	122	278723	59.283	ng	97
28) bis(2-Chloroethoxy)met...	7.910	93	410216	56.104	ng	98
29) 2,4-Dichlorophenol	8.022	162	272083	55.557	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	272877	56.655	ng	99
31) Naphthalene	8.187	128	823804	54.300	ng	100
32) Benzoic acid	7.928	122	161352	49.588	ng	97
33) 4-Chloroaniline	8.234	127	62053	10.906	ng	97
34) Hexachlorobutadiene	8.304	225	177052	52.900	ng	98
35) Caprolactam	8.604	113	79908m	51.317	ng	
36) 4-Chloro-3-methylphenol	8.716	107	263386	55.989	ng	99
37) 2-Methylnaphthalene	8.875	142	513194	50.781	ng	100
38) 1-Methylnaphthalene	8.975	142	522115	53.263	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	302751	59.566	ng	98
41) Hexachlorocyclopentadiene	9.034	237	249519	118.337	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	203632	54.834	ng	97

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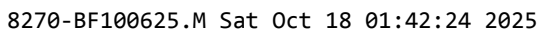
Quant Time: Oct 17 17:36:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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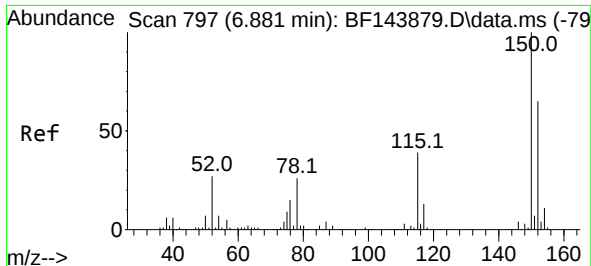
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	220540	56.197	ng	99
46) 1,1'-Biphenyl	9.345	154	730778	60.021	ng	99
47) 2-Chloronaphthalene	9.369	162	554506	54.624	ng	97
48) 2-Nitroaniline	9.463	65	198638	61.892	ng	99
49) Acenaphthylene	9.787	152	885274	62.032	ng	100
50) Dimethylphthalate	9.645	163	654970	56.086	ng	100
51) 2,6-Dinitrotoluene	9.704	165	145425	67.156	ng	97
52) Acenaphthene	9.957	154	537847	57.515	ng	99
53) 3-Nitroaniline	9.875	138	53290	20.098	ng	97
54) 2,4-Dinitrophenol	9.987	184	122181	90.476	ng	# 88
55) Dibenzofuran	10.128	168	730006	55.301	ng	99
56) 4-Nitrophenol	10.039	139	199491	99.366	ng	98
57) 2,4-Dinitrotoluene	10.110	165	194353	65.963	ng	99
58) Fluorene	10.475	166	557598	55.980	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	172642	62.146	ng	# 95
60) Diethylphthalate	10.345	149	608476	56.086	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	287821	54.654	ng	97
62) 4-Nitroaniline	10.492	138	139399	54.671	ng	96
63) Azobenzene	10.628	77	647215	57.080	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	94785	60.444	ng	99
66) n-Nitrosodiphenylamine	10.586	169	556624	56.808	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	193069	55.983	ng	98
68) Hexachlorobenzene	11.022	284	225078	56.374	ng	100
69) Atrazine	11.110	200	182413	61.423	ng	98
70) Pentachlorophenol	11.222	266	240521	104.891	ng	99
71) Phenanthrene	11.439	178	834503	55.161	ng	100
72) Anthracene	11.492	178	855144	55.952	ng	99
73) Carbazole	11.645	167	763540	56.408	ng	99
74) Di-n-butylphthalate	11.975	149	958093	61.072	ng	100
75) Fluoranthene	12.633	202	890557	56.990	ng	99
77) Benzidine	12.757	184	98888	13.615	ng	99
78) Pyrene	12.863	202	909793	52.170	ng	99
80) Butylbenzylphthalate	13.480	149	362178	63.948	ng	98
81) Benzo(a)anthracene	14.051	228	816180	59.624	ng	100
82) 3,3'-Dichlorobenzidine	14.016	252	81364	19.504	ng	96
83) Chrysene	14.092	228	701861	55.399	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	458629	67.177	ng	99
85) Di-n-octyl phthalate	14.651	149	805297	71.817	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	855372	59.560	ng	98
88) Benzo(b)fluoranthene	15.116	252	752500	55.891	ng	97
89) Benzo(k)fluoranthene	15.145	252	731679	58.731	ng	99
90) Benzo(a)pyrene	15.486	252	717939	61.497	ng	98
91) Dibenzo(a,h)anthracene	17.074	278	696410	60.293	ng	98
92) Benzo(g,h,i)perylene	17.510	276	676691	58.585	ng	97

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

Manual Integrations APPROVED

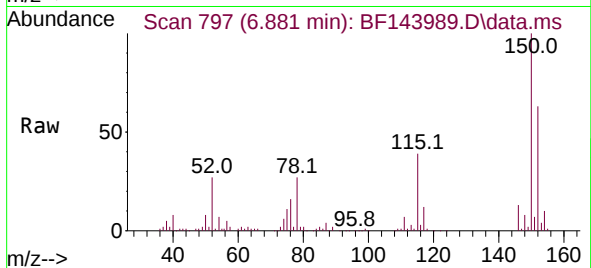
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

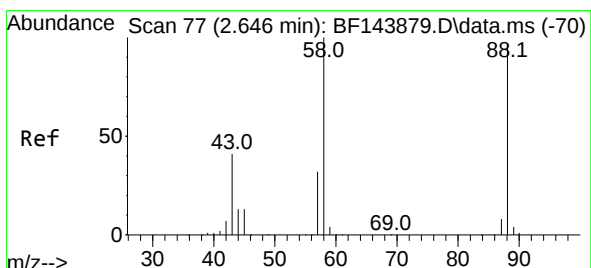
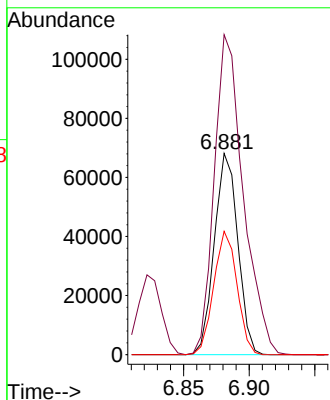
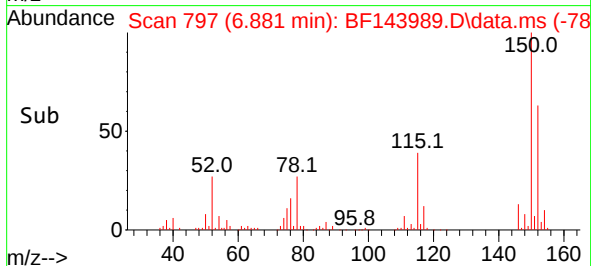
Instrument :
BNA_F
ClientSampleId :
TP-3MS



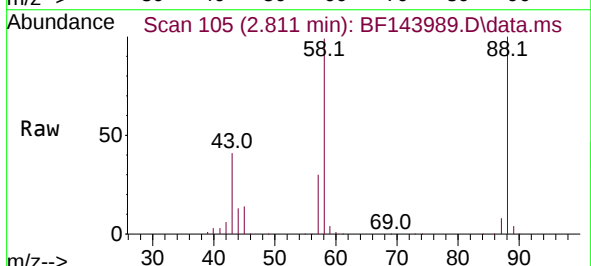
Tgt Ion:152 Resp: 84940
Ion Ratio Lower Upper
152 100
150 159.0 124.4 186.6
115 61.3 48.1 72.1

Manual Integrations
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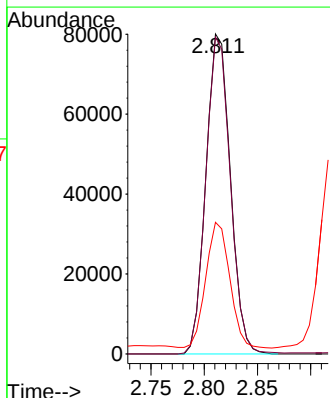
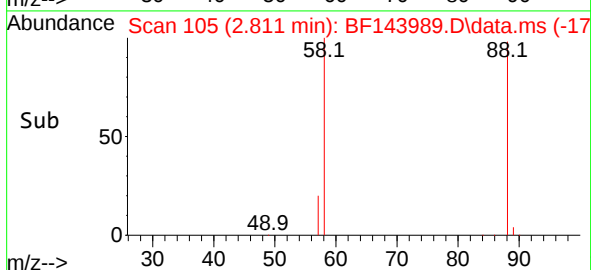
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

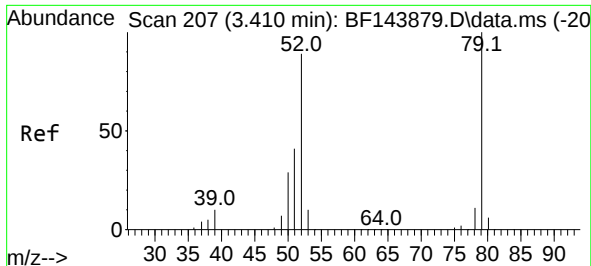


#2
1,4-Dioxane
Concen: 51.691 ng
RT: 2.811 min Scan# 105
Delta R.T. 0.165 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16



Tgt Ion: 88 Resp: 127946
Ion Ratio Lower Upper
88 100
58 99.3 83.0 124.6
43 0.0 33.9 50.9





#3

Pyridine

Concen: 45.399 ng

RT: 3.528 min Scan# 217

Delta R.T. 0.112 min

Lab File: BF143989.D

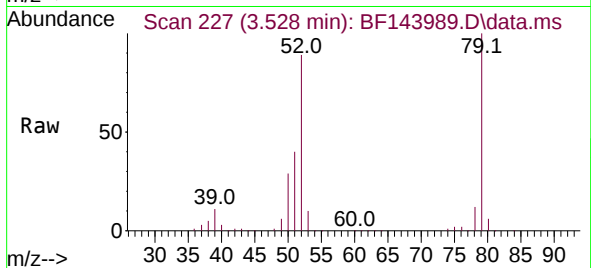
Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS



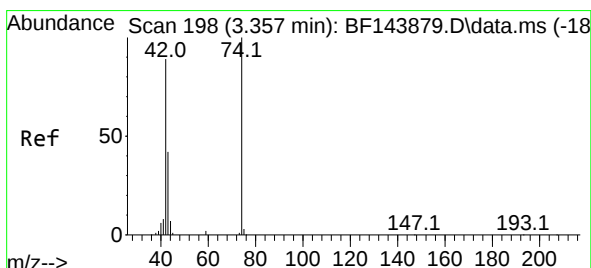
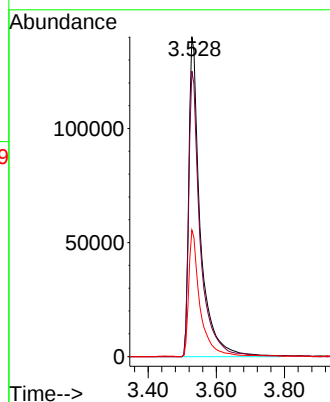
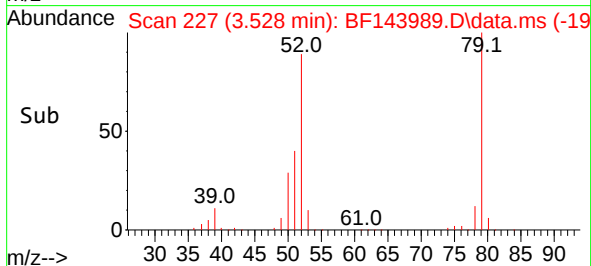
Tgt Ion:	79	Resp:	327129
Ion Ratio	100	Lower	Upper
79	100		
52	89.2	71.5	107.3
51	39.5	32.9	49.3

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 54.236 ng

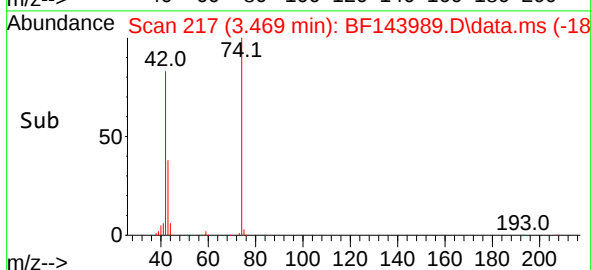
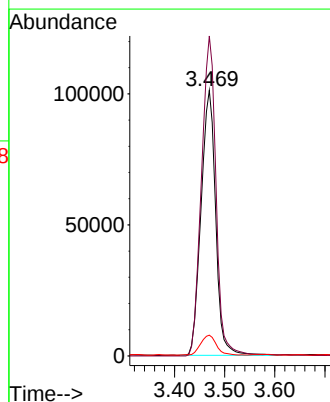
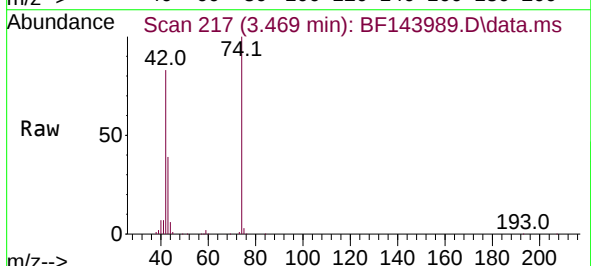
RT: 3.469 min Scan# 217

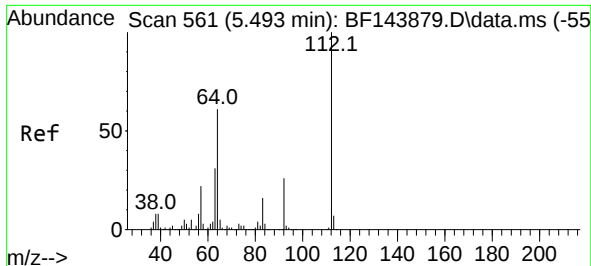
Delta R.T. 0.083 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

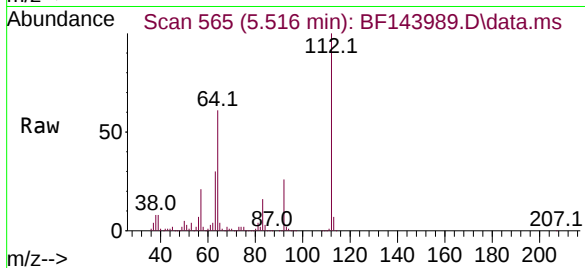
Tgt Ion:	42	Resp:	205585
Ion Ratio	100	Lower	Upper
42	100		
74	120.5	90.0	135.0
44	7.8	6.2	9.2





#5
2-Fluorophenol
Concen: 146.009 ng
RT: 5.516 min Scan# 561
Delta R.T. 0.018 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

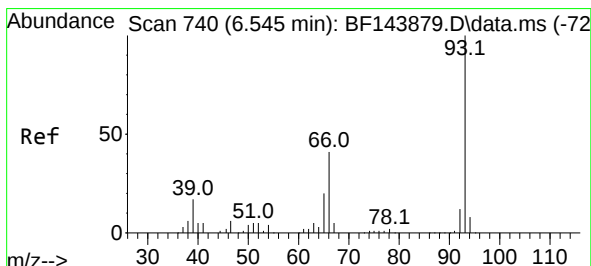
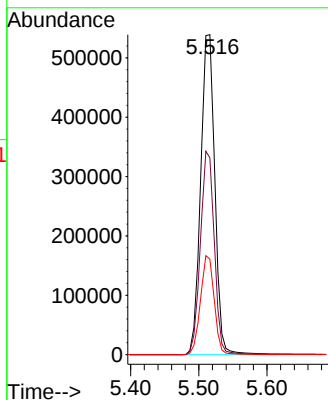
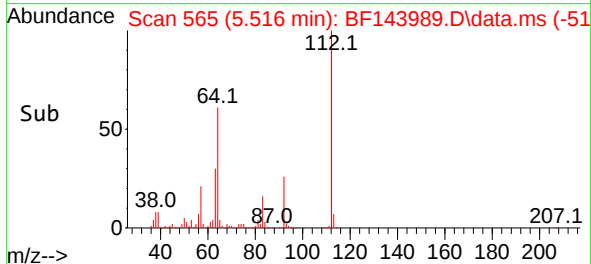
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:112 Resp: 780989
Ion Ratio Lower Upper
112 100
64 61.5 49.1 73.7
63 29.8 24.5 36.7

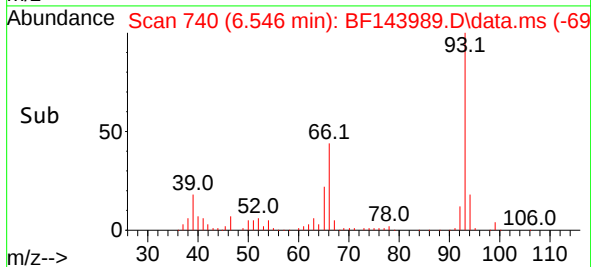
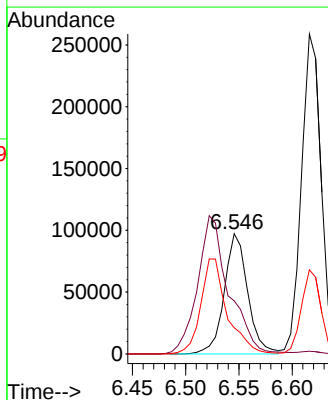
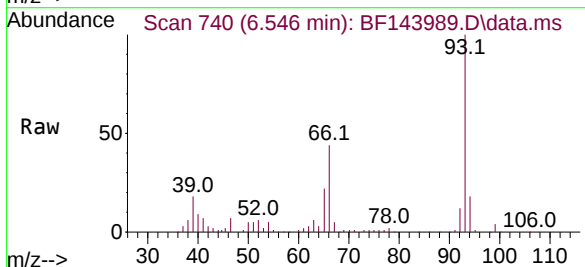
Manual Integrations
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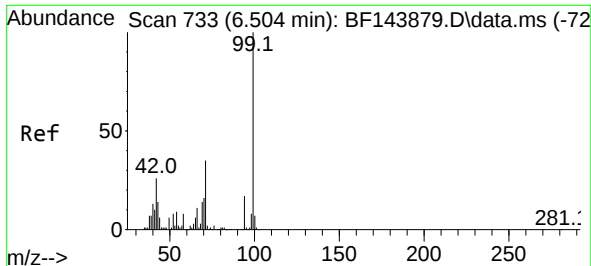
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#6
Aniline
Concen: 15.556 ng
RT: 6.546 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

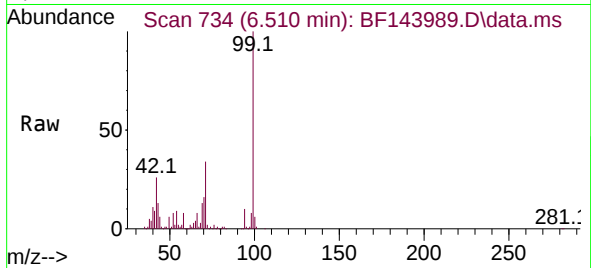
Tgt Ion: 93 Resp: 148617
Ion Ratio Lower Upper
93 100
66 44.1 33.0 49.6
65 21.7 15.8 23.8





#7
Phenol-d6
Concen: 139.879 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

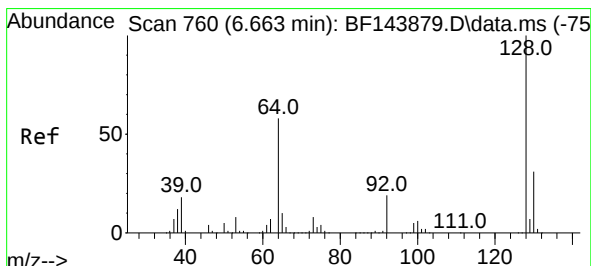
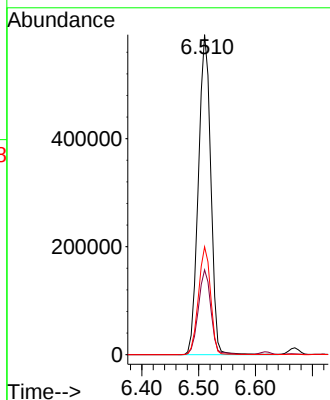
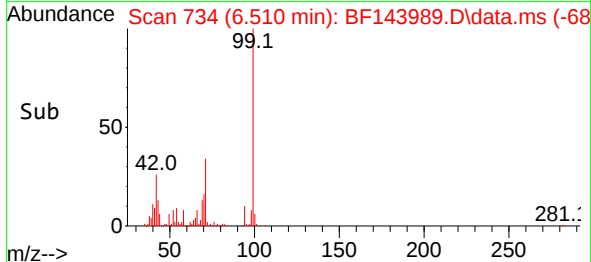
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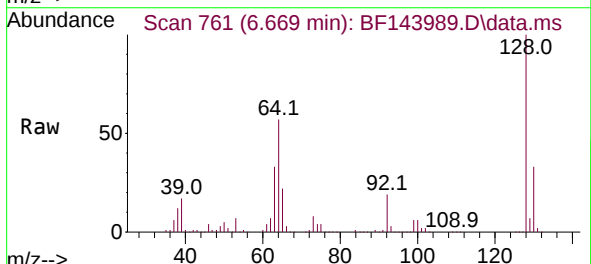
Tgt Ion: 99 Resp: 891823
Ion Ratio Lower Upper
99 100
42 26.5 21.0 31.4
71 33.7 27.8 41.8

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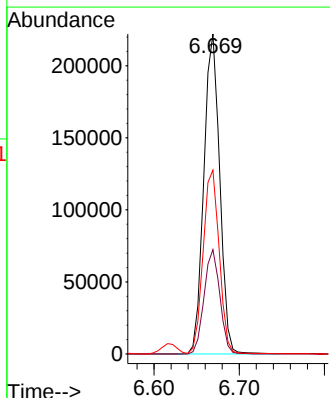
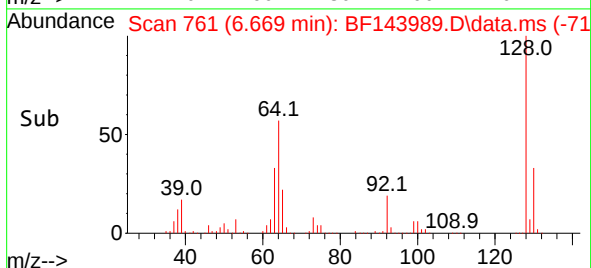
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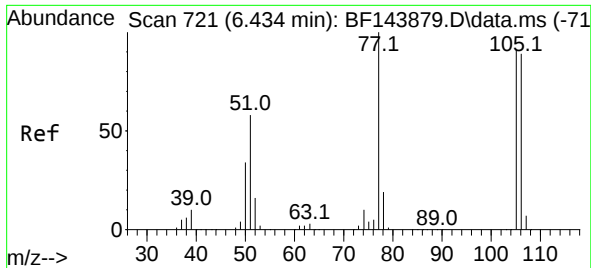


#8
2-Chlorophenol
Concen: 55.033 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16



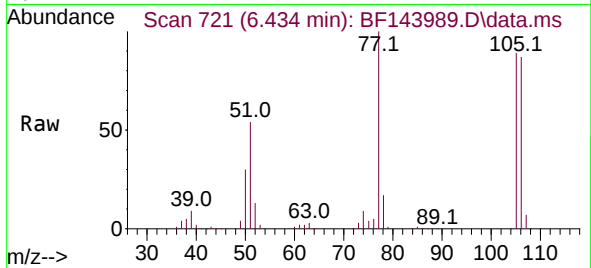
Tgt Ion:128 Resp: 287740
Ion Ratio Lower Upper
128 100
130 32.6 10.7 50.7
64 57.4 39.0 79.0





#9
Benzaldehyde
Concen: 29.484 ng
RT: 6.434 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

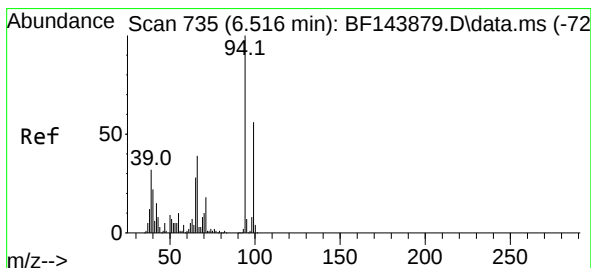
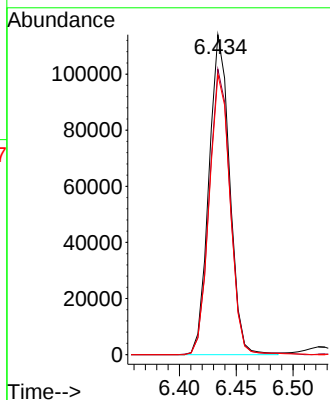
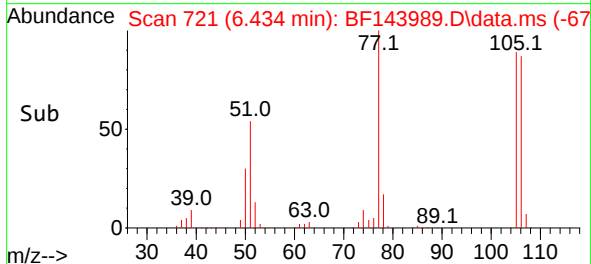
Instrument :
BNA_F
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Tgt Ion: 77 Resp: 145008
Ion Ratio Lower Upper
77 100
105 89.2 70.9 110.9
106 87.4 68.9 108.9

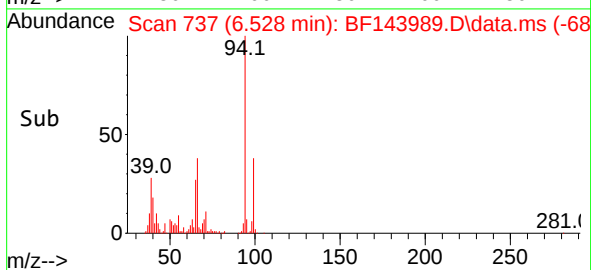
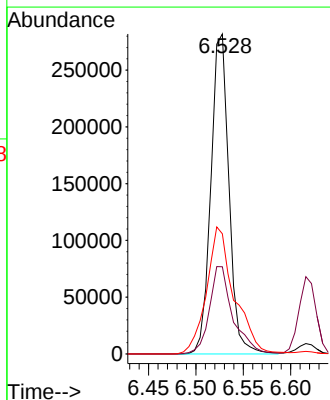
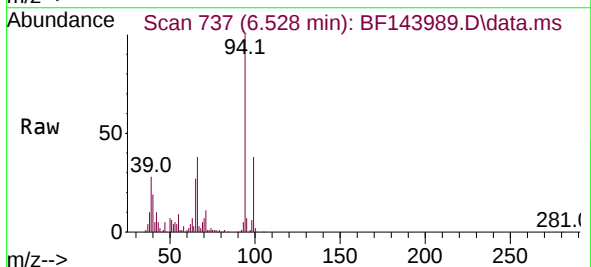
Manual Integrations
APPROVED

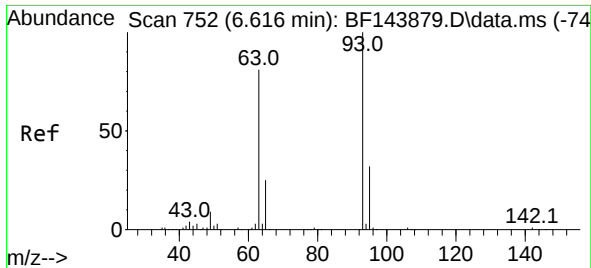
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#10
Phenol
Concen: 49.124 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion: 94 Resp: 374435
Ion Ratio Lower Upper
94 100
65 27.2 8.5 48.5
66 37.5 19.9 59.9





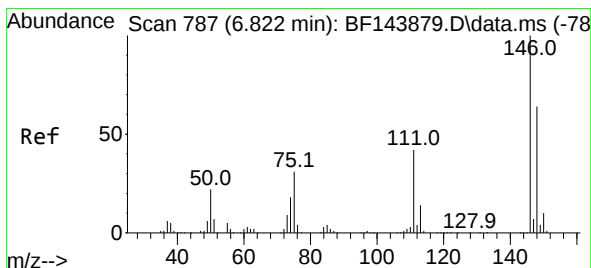
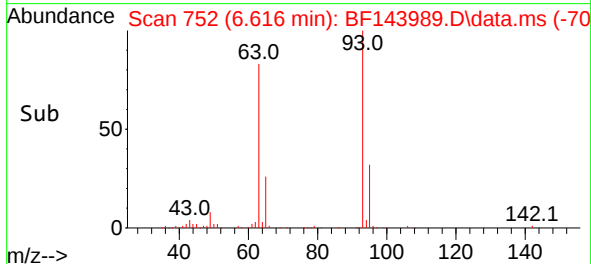
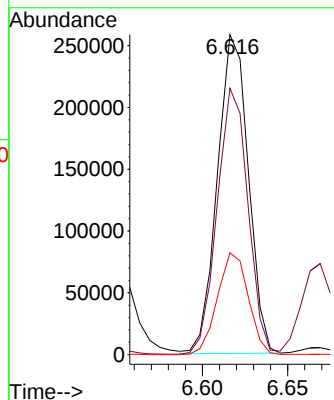
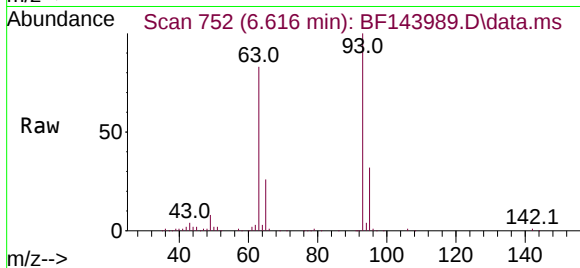
#11
bis(2-Chloroethyl)ether
Concen: 55.341 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion: 93 Resp: 325848
Ion Ratio Lower Upper
93 100
63 83.2 60.9 100.9
95 31.8 11.5 51.5

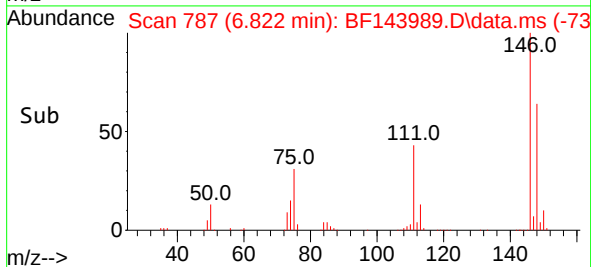
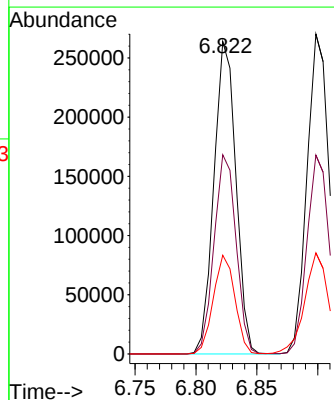
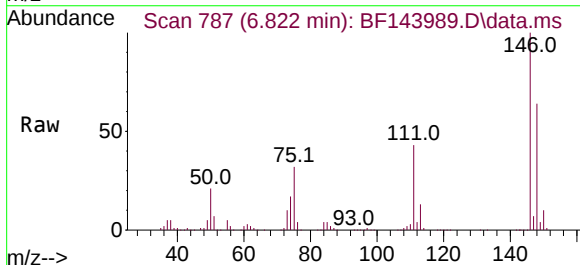
Manual Integrations
APPROVED

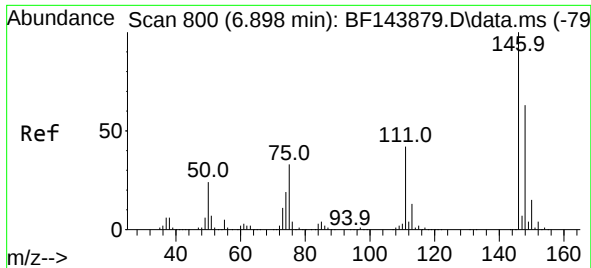
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#12
1,3-Dichlorobenzene
Concen: 52.977 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

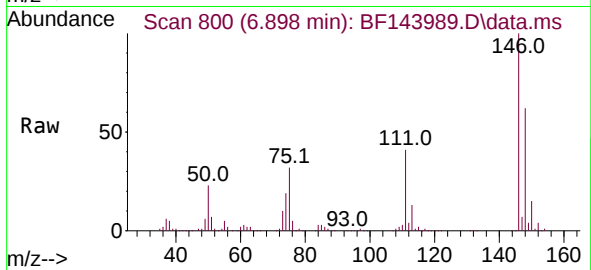
Tgt Ion:146 Resp: 331565
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.4
75 31.6 24.9 37.3





#13
1,4-Dichlorobenzene
Concen: 54.924 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

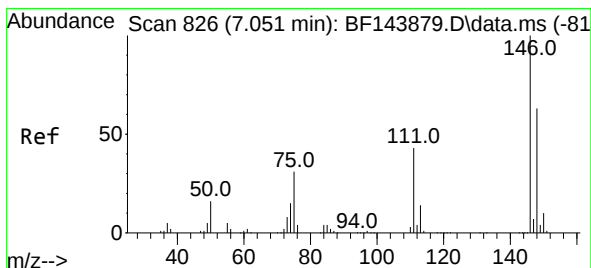
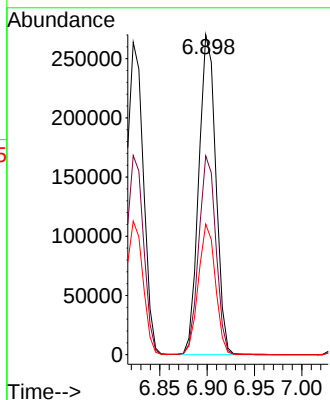
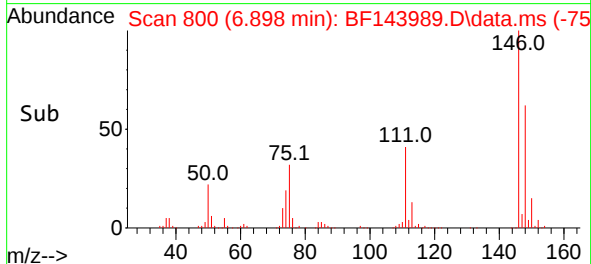
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:146 Resp: 339080
Ion Ratio Lower Upper
146 100
148 62.1 50.5 75.7
111 40.8 33.4 50.0

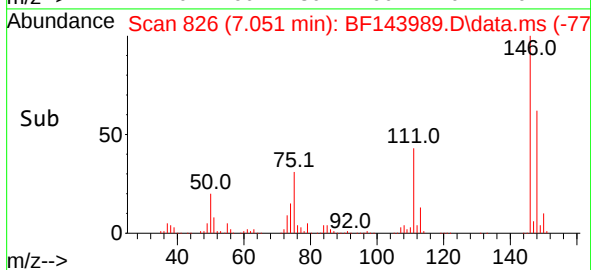
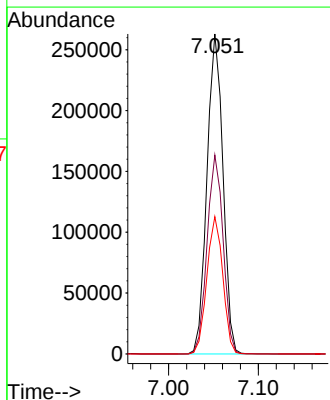
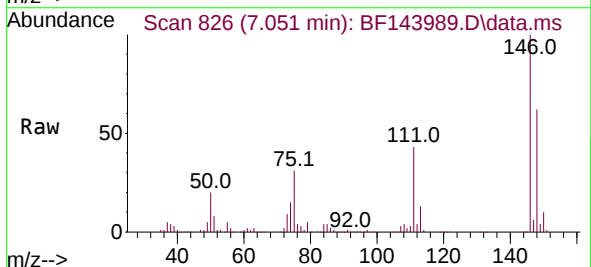
Manual Integrations
APPROVED

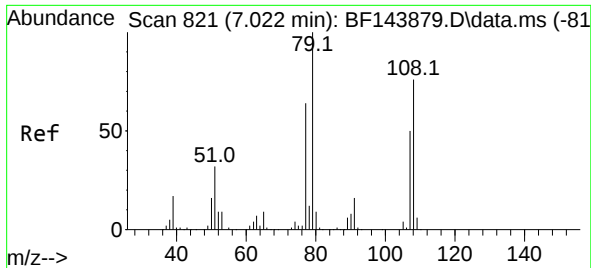
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#14
1,2-Dichlorobenzene
Concen: 55.163 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

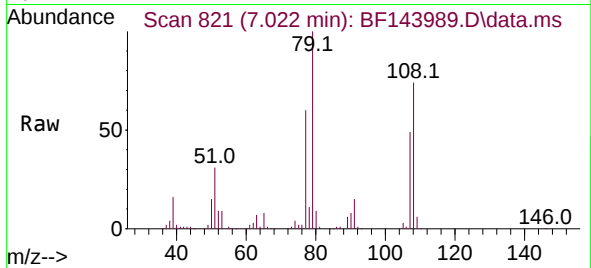
Tgt Ion:146 Resp: 326201
Ion Ratio Lower Upper
146 100
148 62.1 50.6 75.8
111 42.9 34.6 51.8





#15
Benzyl Alcohol
Concen: 59.046 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.012 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

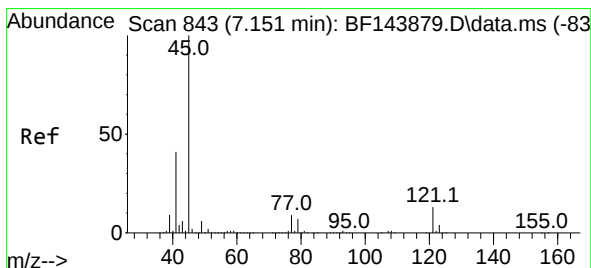
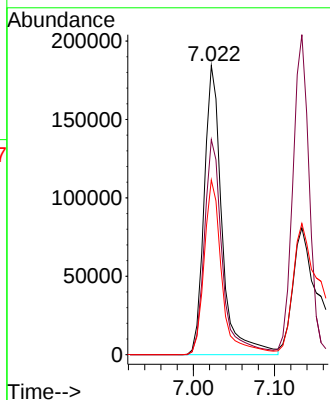
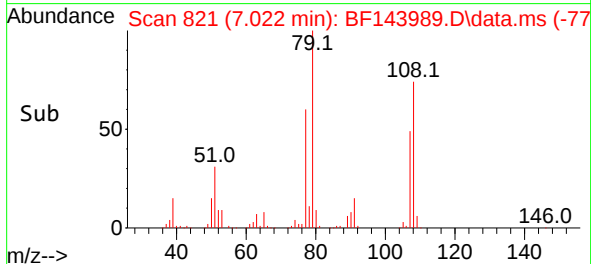
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion: 79 Resp: 282063
Ion Ratio Lower Upper
79 100
108 74.4 60.8 91.2
77 60.5 51.0 76.6

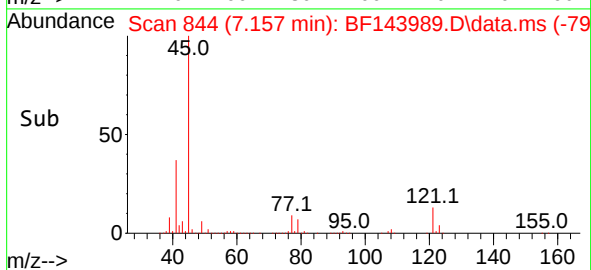
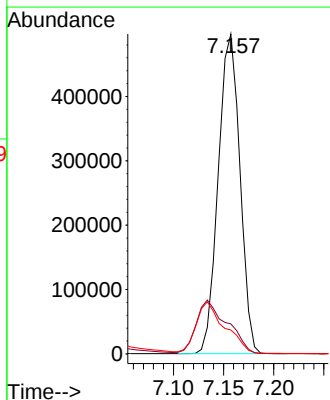
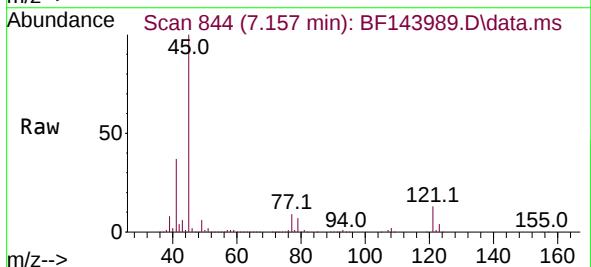
Manual Integrations
APPROVED

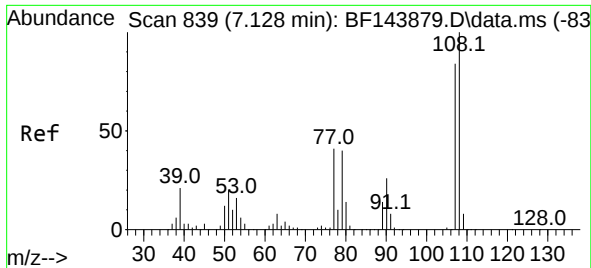
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 55.856 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

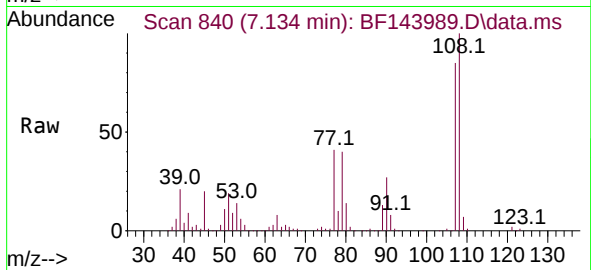
Tgt Ion: 45 Resp: 748612
Ion Ratio Lower Upper
45 100
77 9.4 0.0 29.0
79 7.5 0.0 26.8





#17
2-Methylphenol
Concen: 56.654 ng
RT: 7.134 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

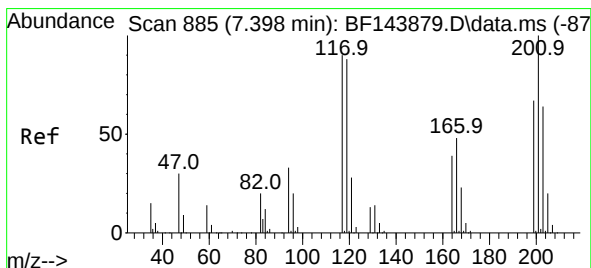
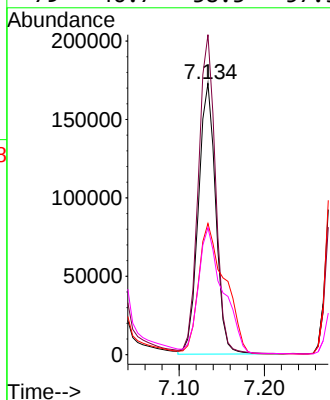
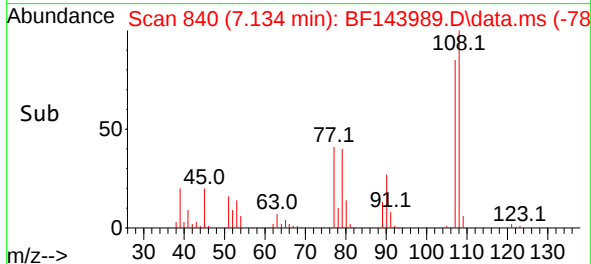
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:107 Resp: 244806
Ion Ratio Lower Upper
107 100
108 117.9 94.7 142.1
77 48.3 38.8 58.2
79 46.7 38.3 57.5

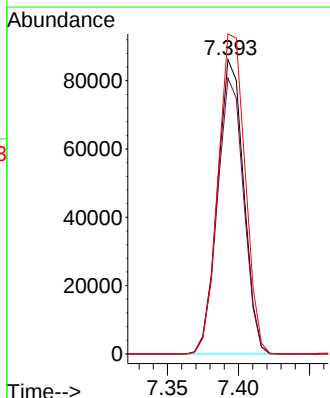
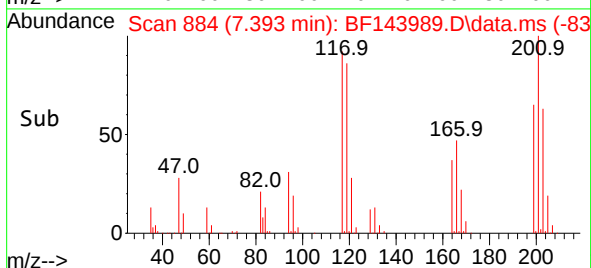
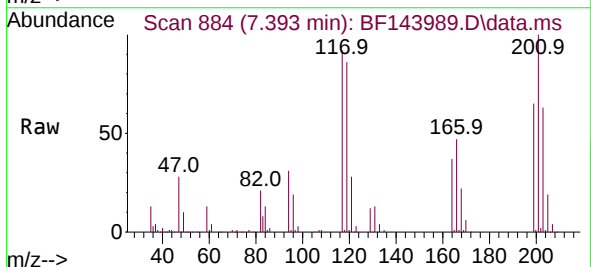
Manual Integrations
APPROVED

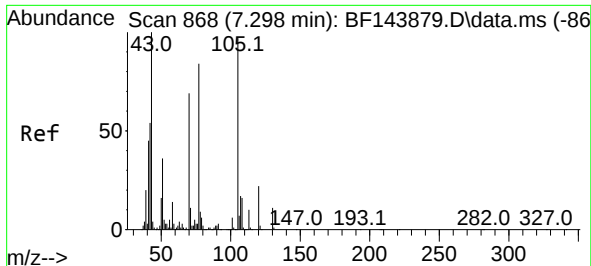
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#18
Hexachloroethane
Concen: 53.897 ng
RT: 7.393 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

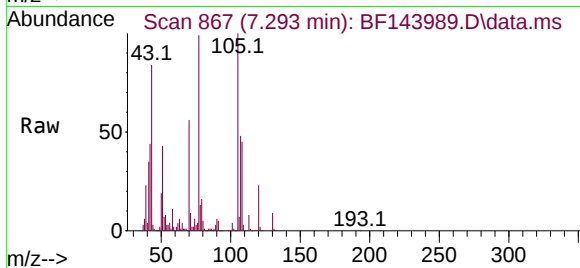
Tgt Ion:117 Resp: 110969
Ion Ratio Lower Upper
117 100
119 93.7 77.8 116.8
201 108.7 88.5 132.7





#19
n-Nitroso-di-n-propylamine
Concen: 53.125 ng
RT: 7.293 min Scan# 868
Delta R.T. -0.023 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

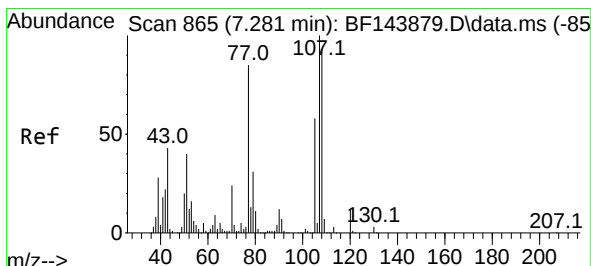
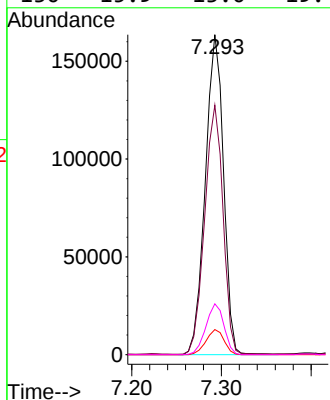
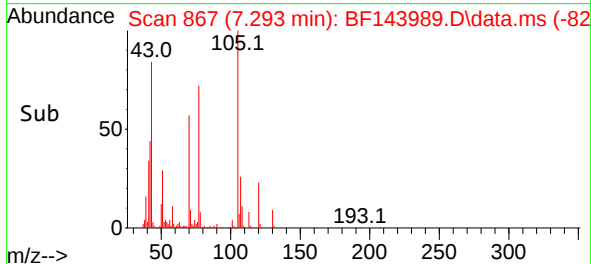
Instrument :
BNA_F
ClientSampleId :
TP-3MS



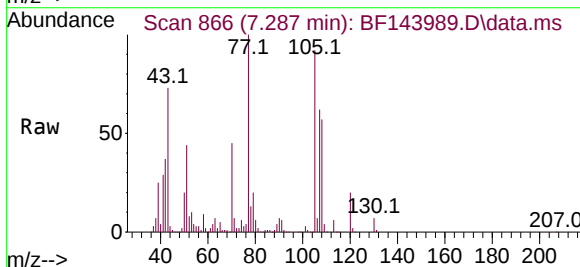
Tgt Ion: 70 Resp: 231844
Ion Ratio Lower Upper
70 100
42 77.9 62.8 94.2
101 7.8 6.7 10.1
130 15.9 13.0 19.4

Manual Integrations
APPROVED

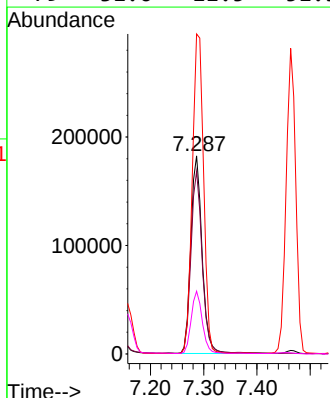
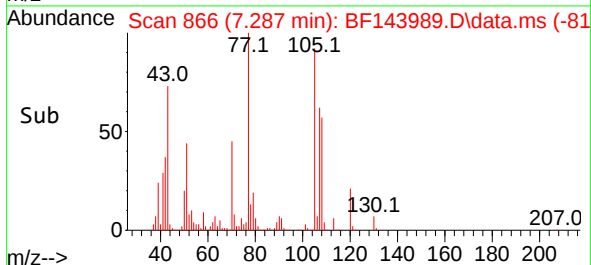
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

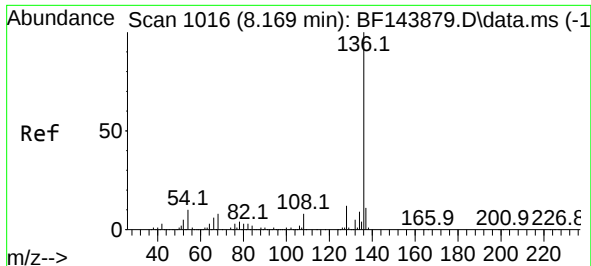


#20
3+4-Methylphenols
Concen: 54.107 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.012 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16



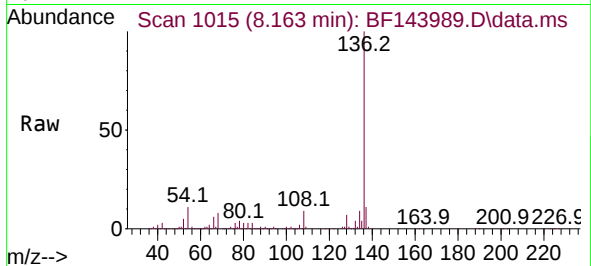
Tgt Ion:107 Resp: 270970
Ion Ratio Lower Upper
107 100
108 92.3 73.0 113.0
77 161.7 64.6 104.6#
79 31.6 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

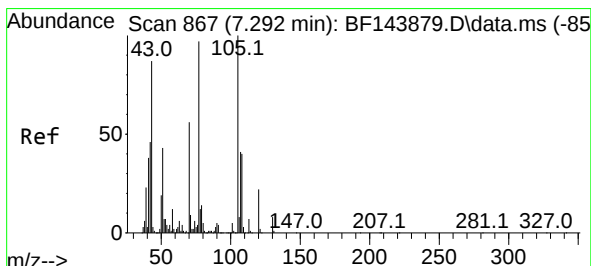
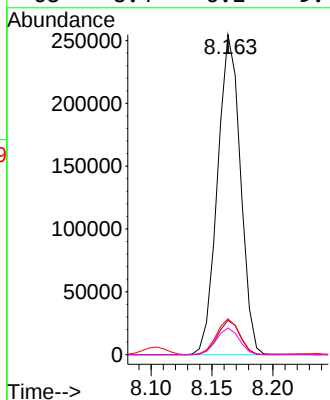
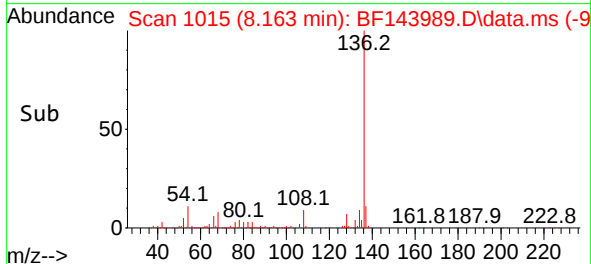
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:136	Resp: 33351
Ion Ratio	Lower Upper
136	100
137	10.7 8.5 12.7
54	11.2 8.2 12.4
68	8.4 6.2 9.4

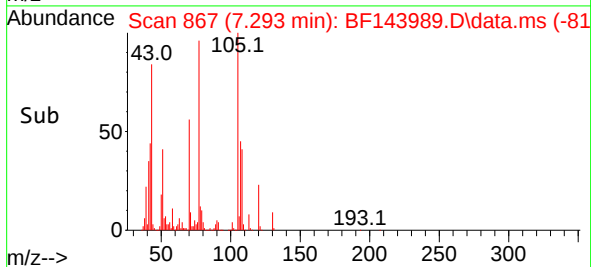
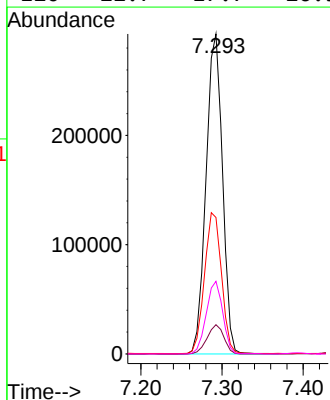
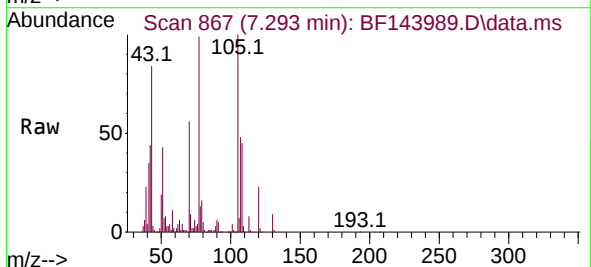
Manual Integrations
APPROVED

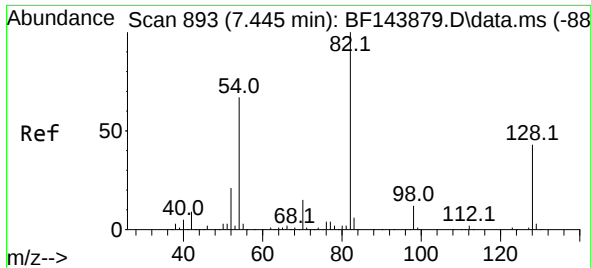
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#22
Acetophenone
Concen: 58.585 ng
RT: 7.293 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion:105	Resp: 413141
Ion Ratio	Lower Upper
105	100
71	9.1 7.4 11.0
51	42.6 34.2 51.4
120	22.7 17.7 26.5





#23

Nitrobenzene-d5

Concen: 113.750 ng

RT: 7.446 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion: 82 Resp: 624439

Ion Ratio Lower Upper

82 100

128 43.1 34.0 51.0

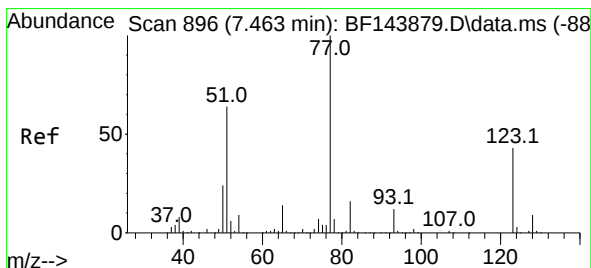
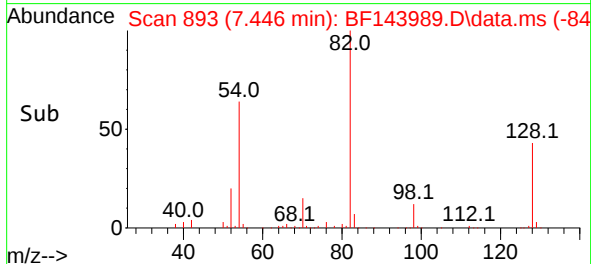
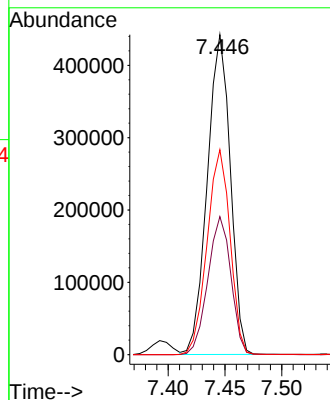
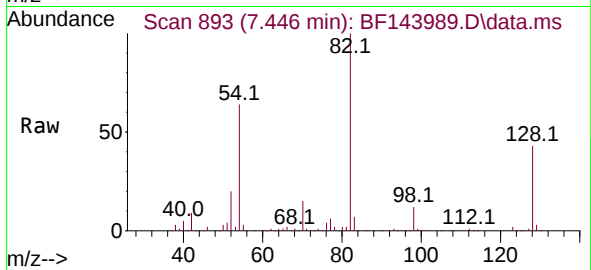
54 64.0 53.2 79.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#24

Nitrobenzene

Concen: 57.464 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

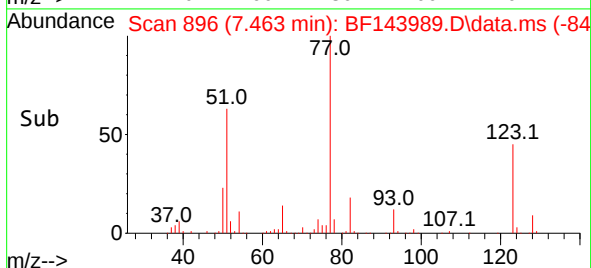
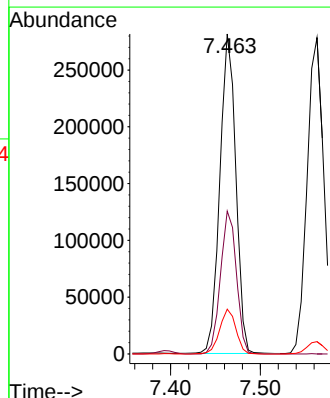
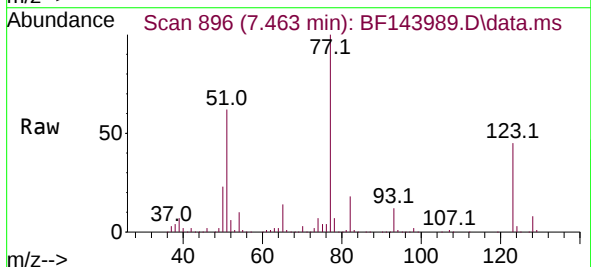
Tgt Ion: 77 Resp: 350310

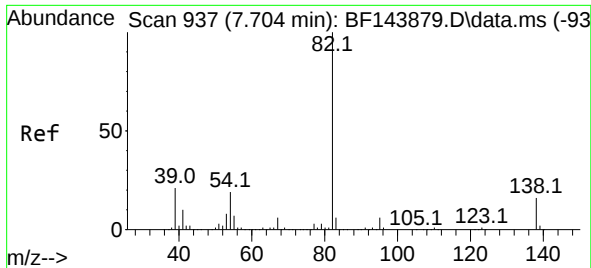
Ion Ratio Lower Upper

77 100

123 44.6 34.2 51.4

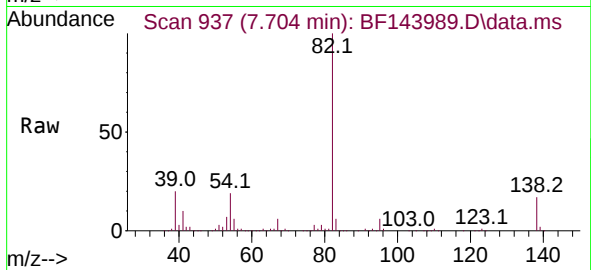
65 14.0 11.0 16.6





#25
Isophorone
Concen: 54.878 ng
RT: 7.704 min Scan# 931
Delta R.T. -0.017 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

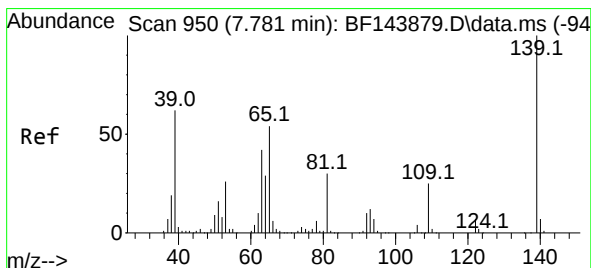
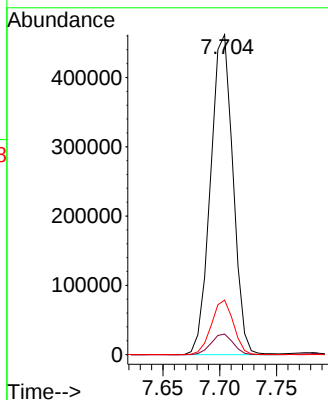
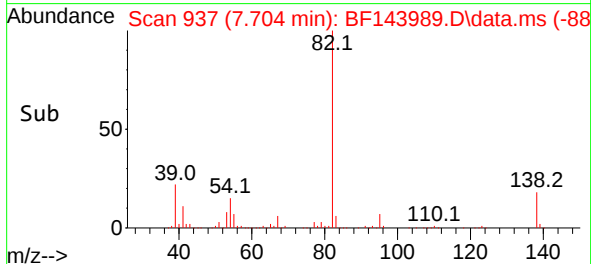
Instrument :
BNA_F
ClientSampleId :
TP-3MS



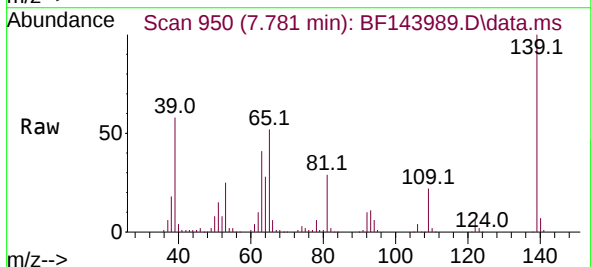
Tgt Ion: 82 Resp: 63520
Ion Ratio Lower Upper
82 100
95 6.4 5.1 7.7
138 17.0 12.9 19.3

Manual Integrations
APPROVED

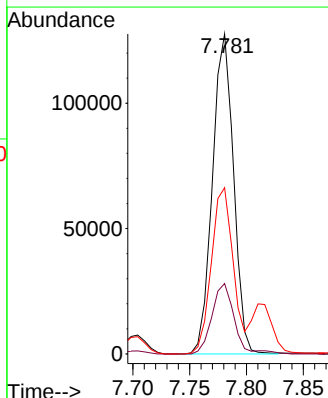
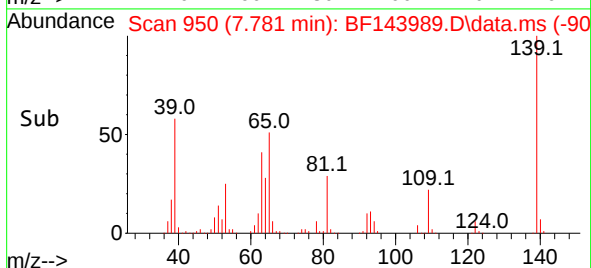
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

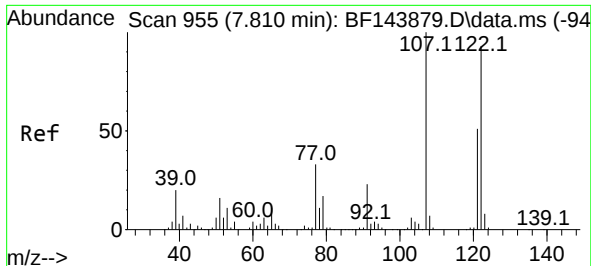


#26
2-Nitrophenol
Concen: 63.004 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16



Tgt Ion:139 Resp: 164670
Ion Ratio Lower Upper
139 100
109 22.0 19.8 29.6
65 51.9 42.9 64.3





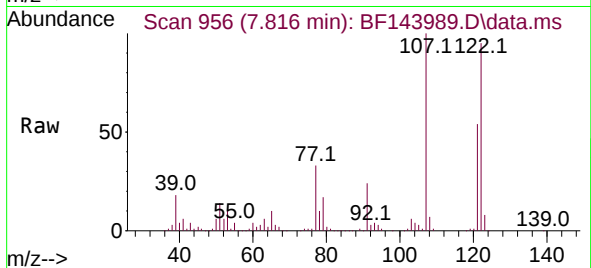
#27
2,4-Dimethylphenol
Concen: 59.283 ng
RT: 7.816 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

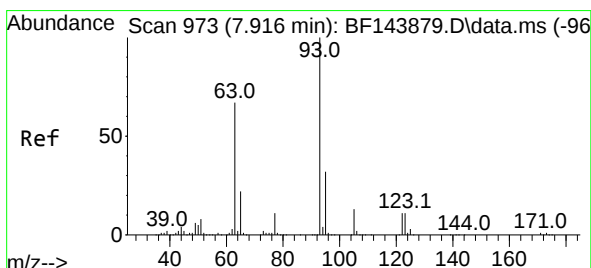
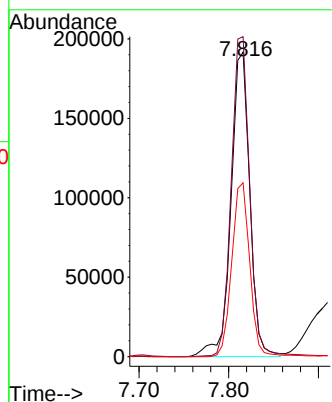
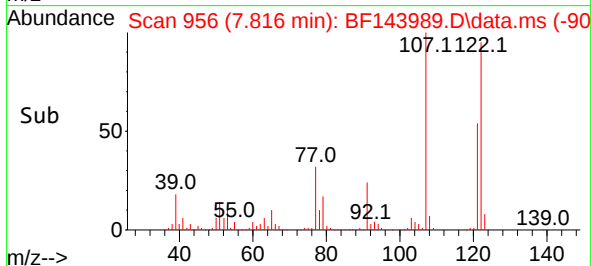


Tgt Ion:122 Resp: 278723
Ion Ratio Lower Upper
122 100
107 105.1 86.1 129.1
121 57.1 43.8 65.6

Manual Integrations

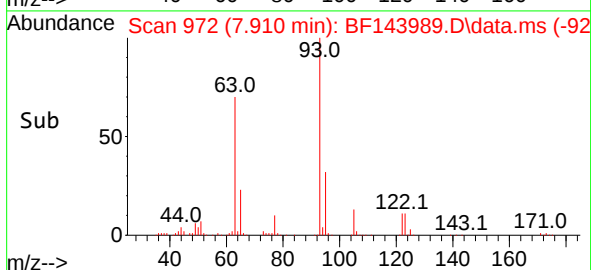
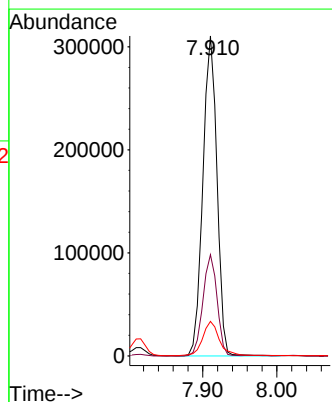
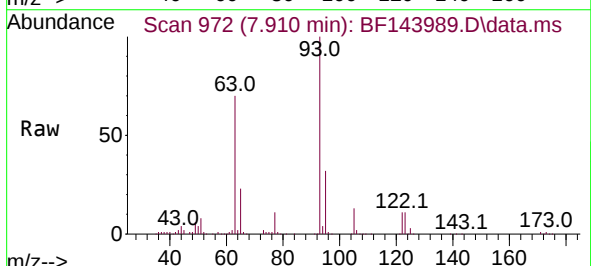
APPROVED

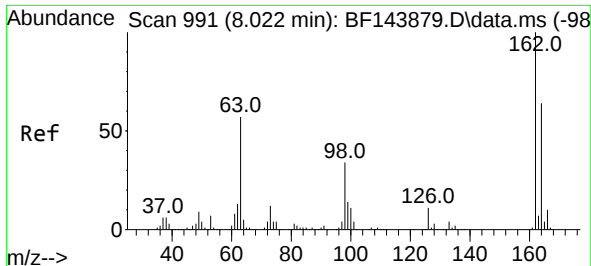
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#28
bis(2-Chloroethoxy)methane
Concen: 56.104 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion: 93 Resp: 410216
Ion Ratio Lower Upper
93 100
95 31.6 25.9 38.9
123 10.8 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 55.557 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:162 Resp: 272083

Ion Ratio Lower Upper

162 100

164 63.1 43.9 83.9

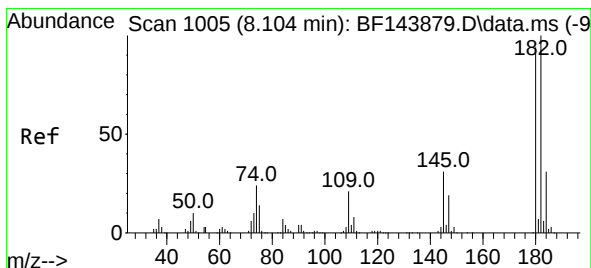
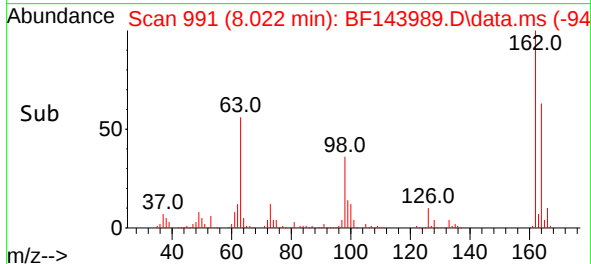
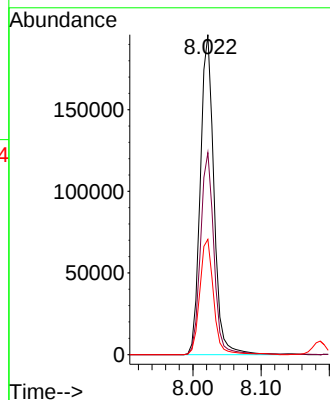
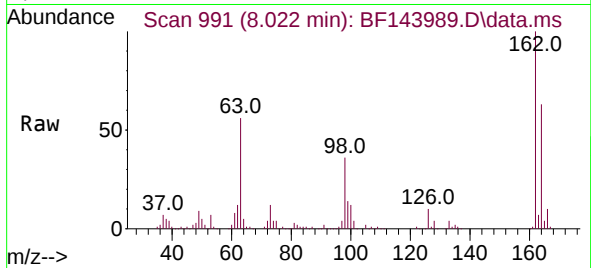
98 36.0 14.4 54.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#30

1,2,4-Trichlorobenzene

Concen: 56.655 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

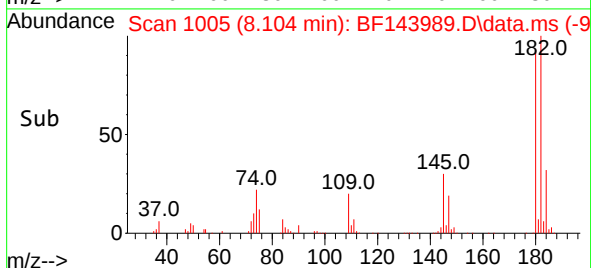
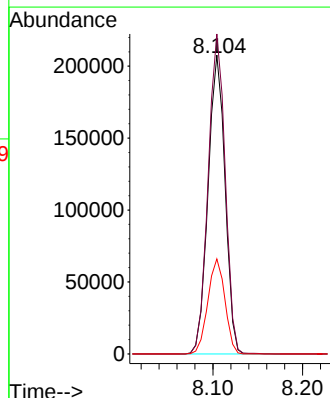
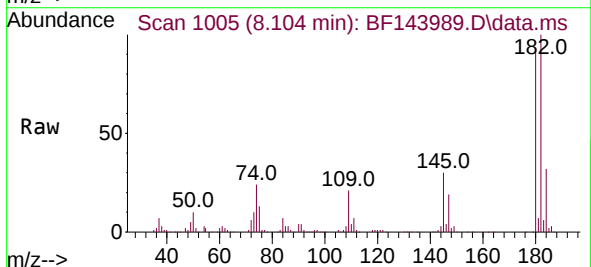
Tgt Ion:180 Resp: 272877

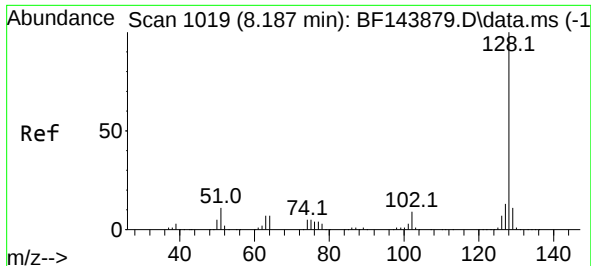
Ion Ratio Lower Upper

180 100

182 107.1 85.4 128.0

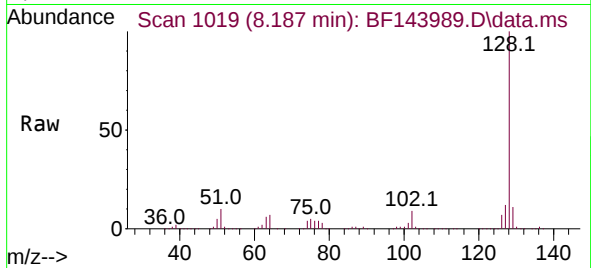
145 31.8 26.3 39.5





#31
Naphthalene
Concen: 54.300 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

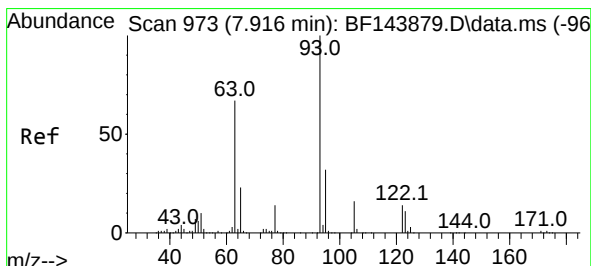
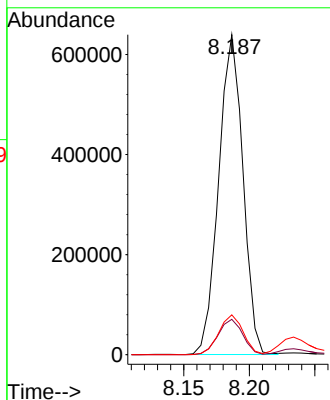
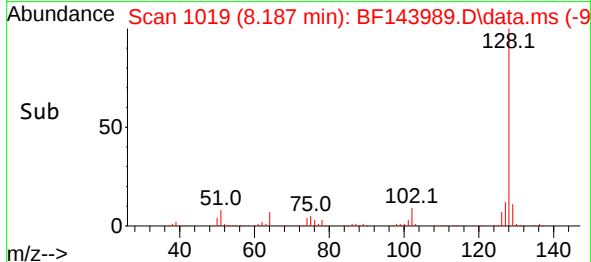
Instrument :
BNA_F
ClientSampleId :
TP-3MS



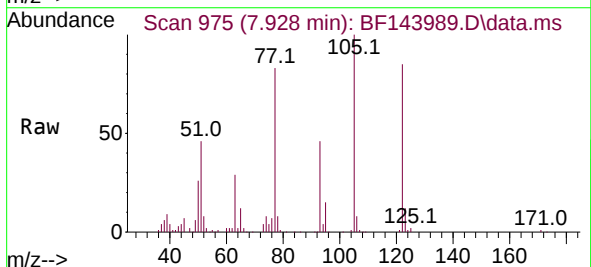
Tgt Ion:128 Resp: 823804
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.4 10.0 15.0

Manual Integrations
APPROVED

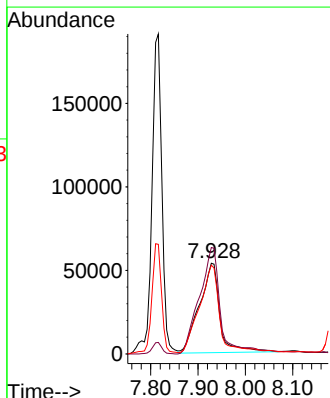
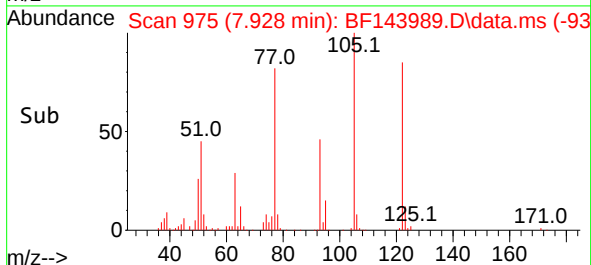
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

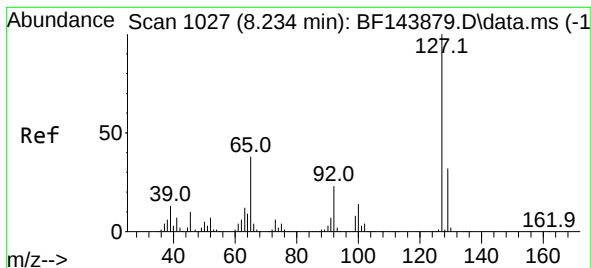


#32
Benzoic acid
Concen: 49.588 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.035 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16



Tgt Ion:122 Resp: 161352
Ion Ratio Lower Upper
122 100
105 117.4 93.5 133.5
77 97.9 76.3 116.3





#33

4-Chloroaniline

Concen: 10.906 ng

RT: 8.234 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

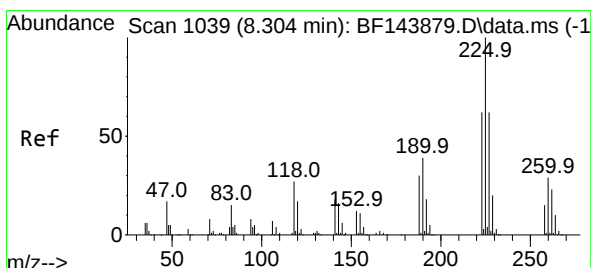
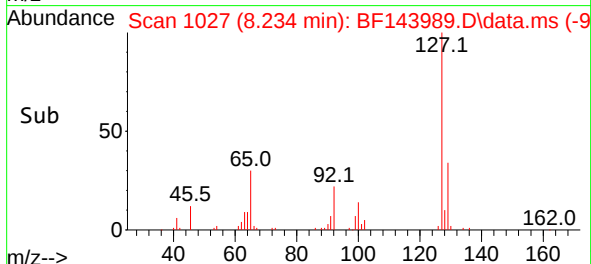
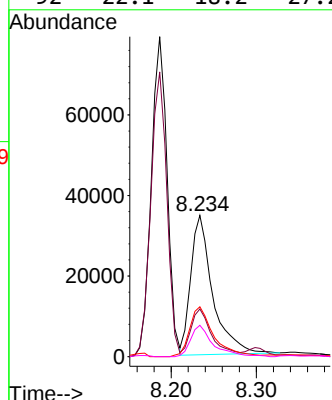
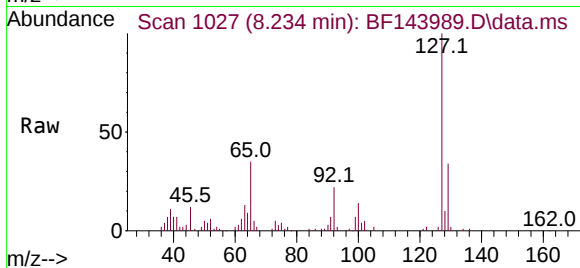
Tgt Ion:	127	Resp:	62053
Ion Ratio	Lower	Upper	
127	100		
129	33.8	25.8	38.8
65	35.3	30.0	45.0
92	22.1	18.2	27.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#34

Hexachlorobutadiene

Concen: 52.900 ng

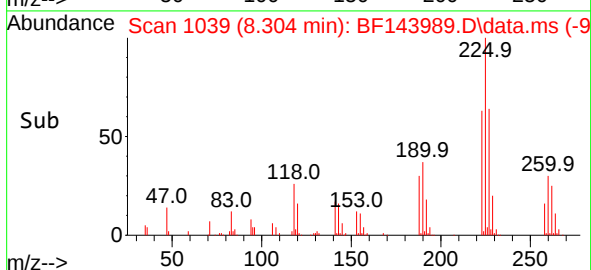
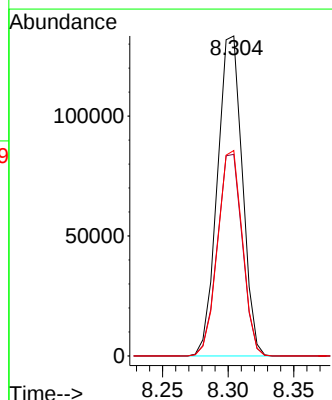
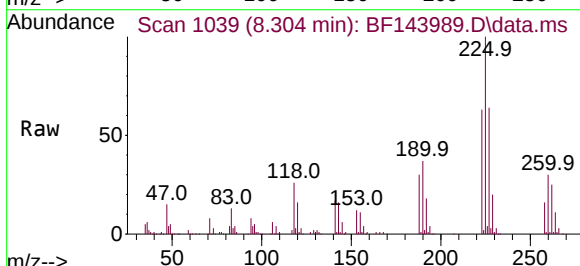
RT: 8.304 min Scan# 1039

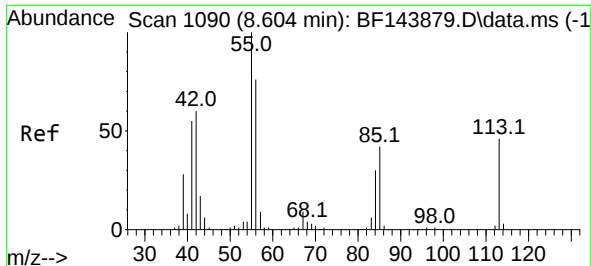
Delta R.T. -0.006 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

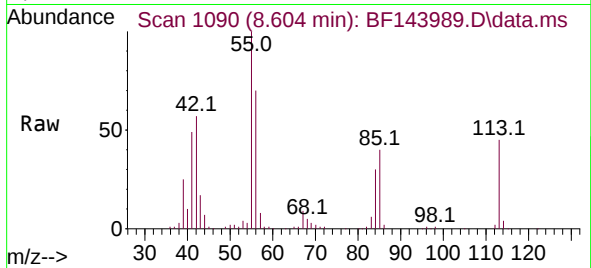
Tgt Ion:	225	Resp:	177052
Ion Ratio	Lower	Upper	
225	100		
223	63.0	49.4	74.2
227	64.2	49.7	74.5





#35
Caprolactam
Concen: 51.317 ng m
RT: 8.604 min Scan# 1090
Delta R.T. -0.041 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

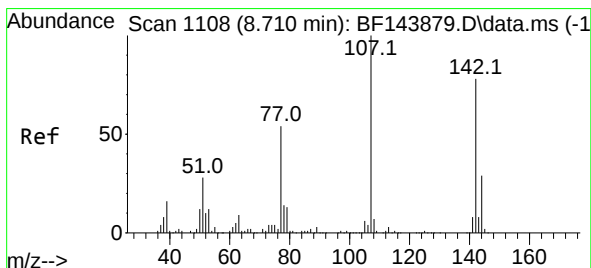
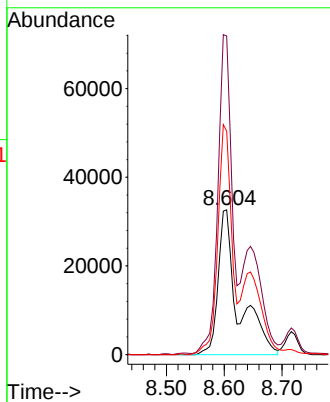
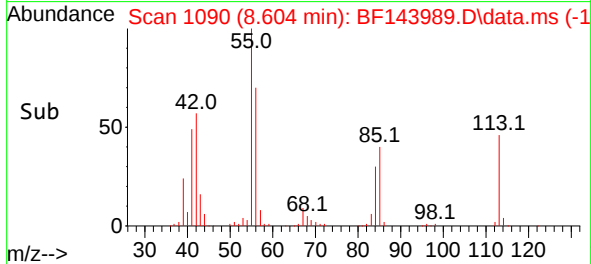
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:113 Resp: 79908
Ion Ratio Lower Upper
113 100
55 220.3 199.6 239.6
56 154.5 146.0 186.0

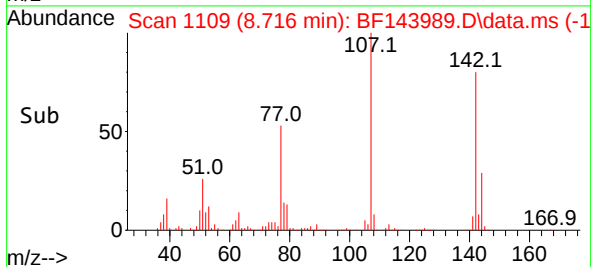
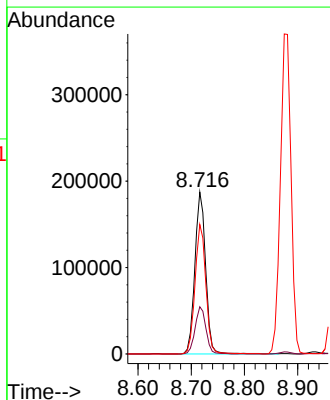
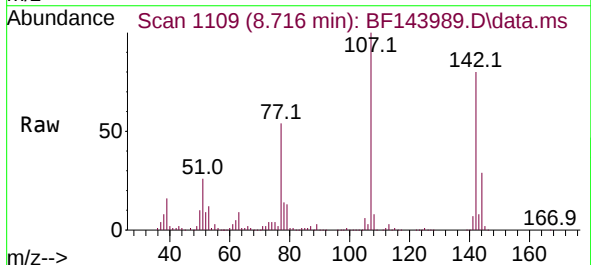
Manual Integrations
APPROVED

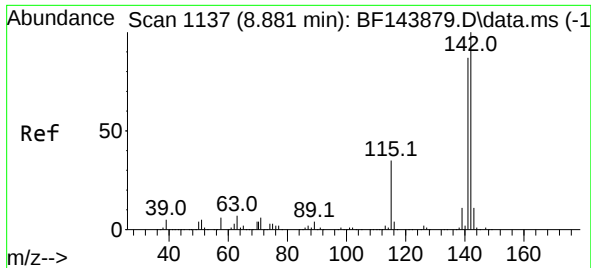
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#36
4-Chloro-3-methylphenol
Concen: 55.989 ng
RT: 8.716 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

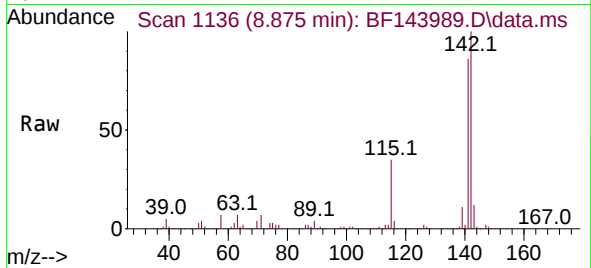
Tgt Ion:107 Resp: 263386
Ion Ratio Lower Upper
107 100
144 29.1 23.1 34.7
142 79.9 62.6 94.0





#37
2-Methylnaphthalene
Concen: 50.781 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.012 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

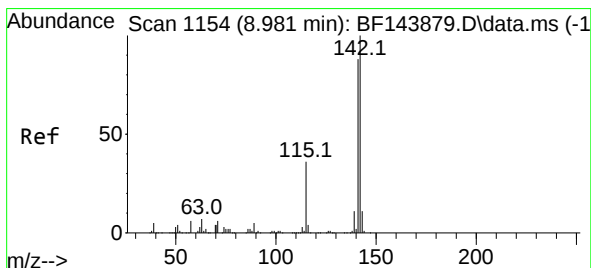
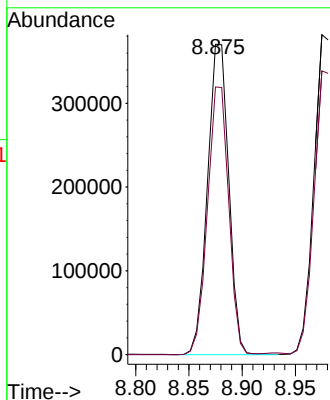
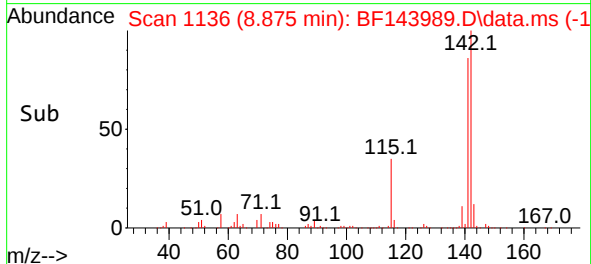
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:142 Resp: 513194
Ion Ratio Lower Upper
142 100
141 86.2 69.2 103.8

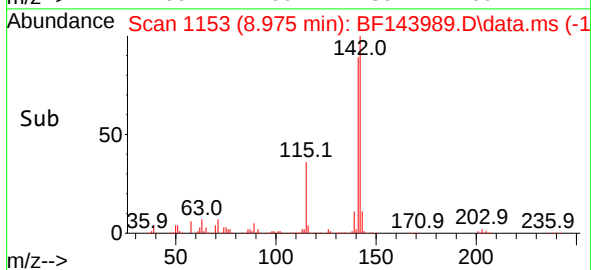
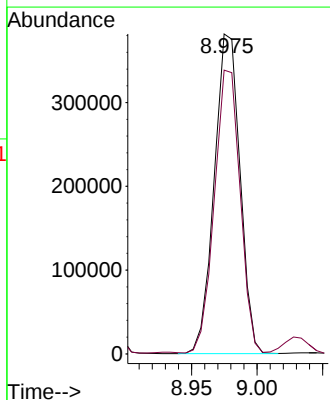
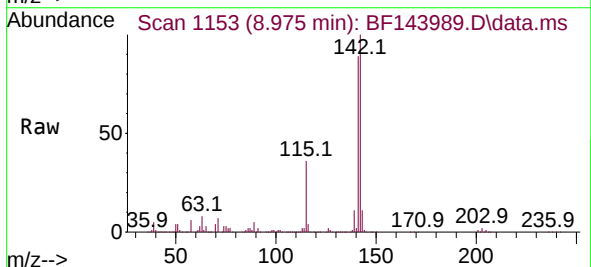
Manual Integrations
APPROVED

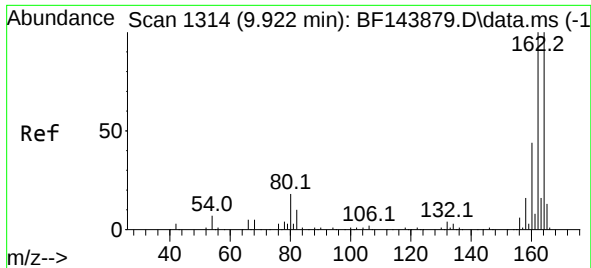
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#38
1-Methylnaphthalene
Concen: 53.263 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.011 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion:142 Resp: 522115
Ion Ratio Lower Upper
142 100
141 88.7 70.8 106.2





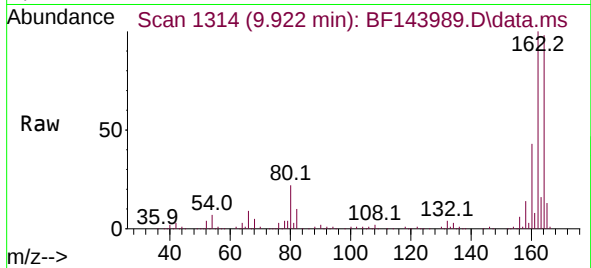
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS



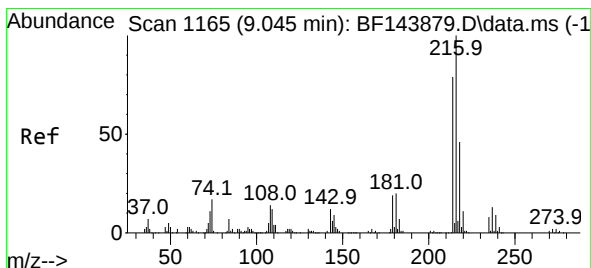
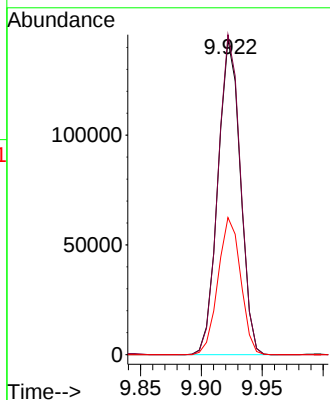
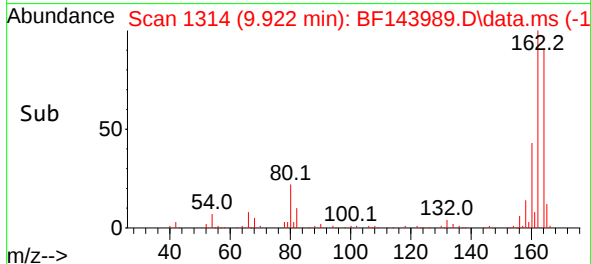
Tgt Ion:164 Resp: 183894
Ion Ratio Lower Upper
164 100
162 101.6 80.2 120.2
160 43.5 35.4 53.0

Manual Integrations

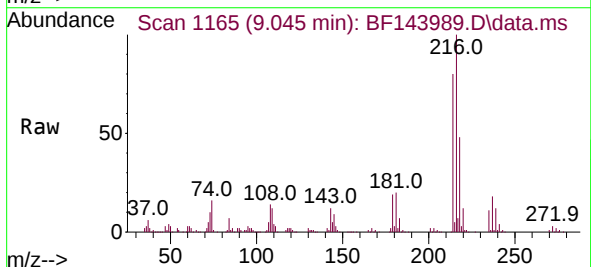
APPROVED

Reviewed By :Rahul Chavli 10/20/2025

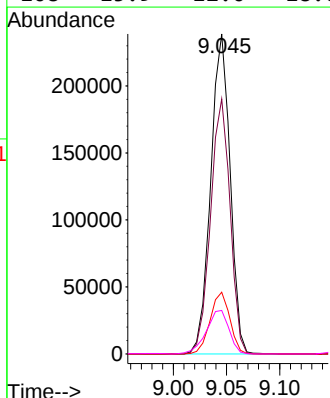
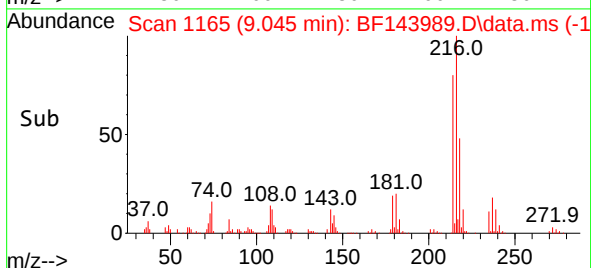
Supervised By :Jagrut Upadhyay 10/20/2025

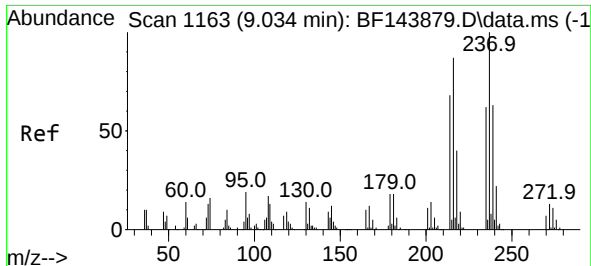


#40
1,2,4,5-Tetrachlorobenzene
Concen: 59.566 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16



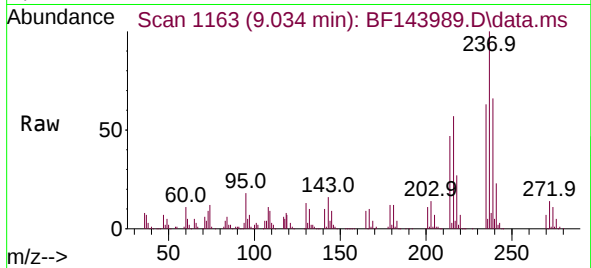
Tgt Ion:216 Resp: 302751
Ion Ratio Lower Upper
216 100
214 80.1 62.6 94.0
179 19.6 15.4 23.0
108 15.9 12.0 18.0





#41
Hexachlorocyclopentadiene
Concen: 118.337 ng
RT: 9.034 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

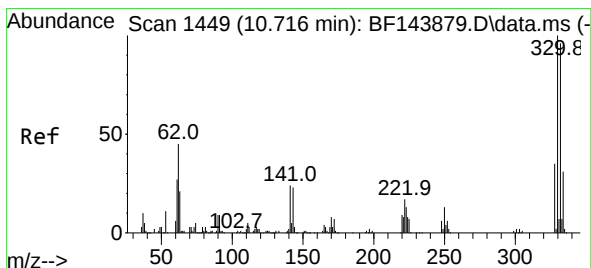
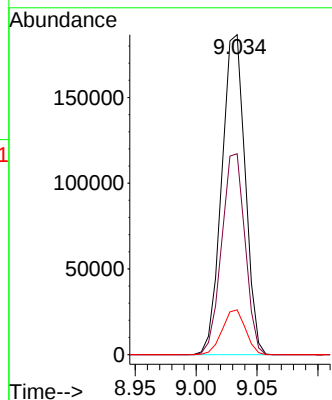
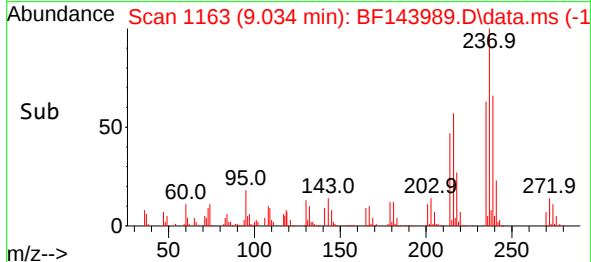
Instrument :
BNA_F
ClientSampleId :
TP-3MS



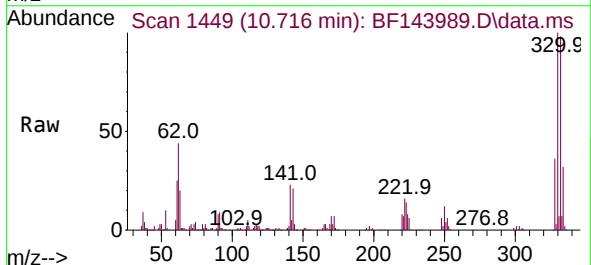
Tgt Ion: 237 Resp: 249519
Ion Ratio Lower Upper
237 100
235 62.8 42.3 82.3
272 14.0 0.0 33.1

Manual Integrations
APPROVED

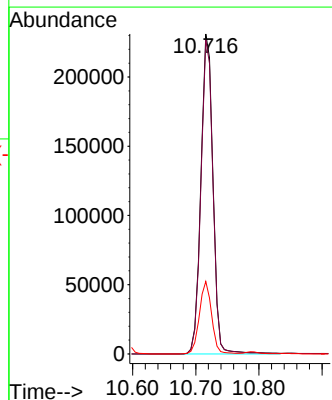
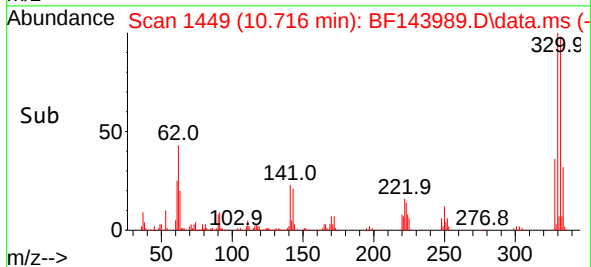
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

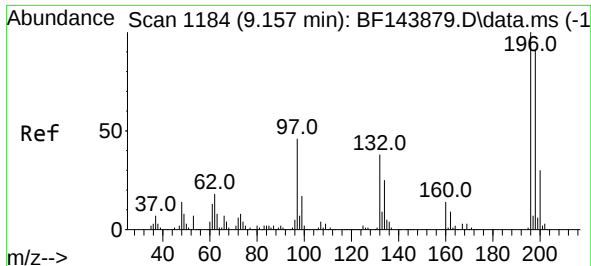


#42
2,4,6-Tribromophenol
Concen: 167.862 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16



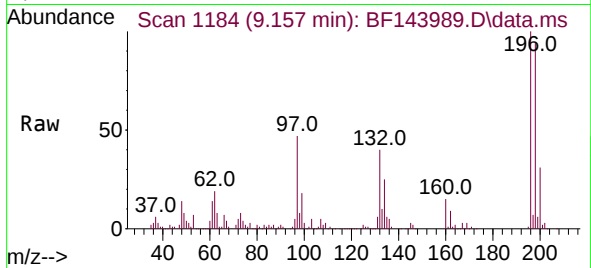
Tgt Ion: 330 Resp: 307460
Ion Ratio Lower Upper
330 100
332 97.6 76.9 115.3
141 22.9 20.2 30.4





#43
2,4,6-Trichlorophenol
Concen: 54.834 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

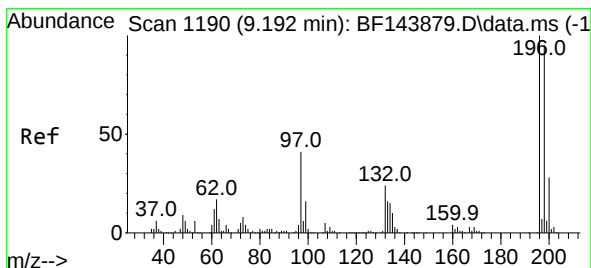
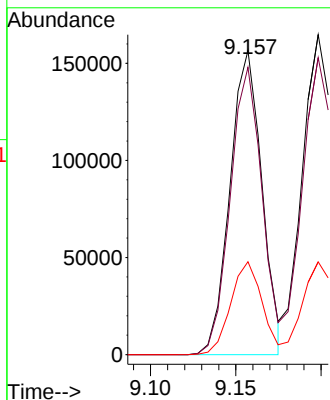
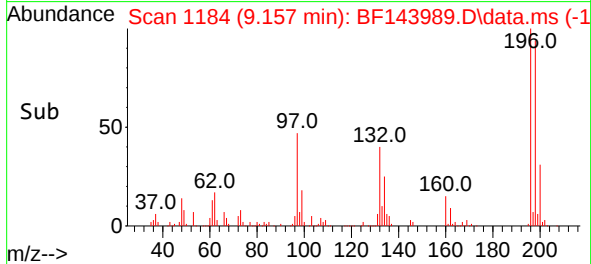
Instrument :
BNA_F
ClientSampleId :
TP-3MS



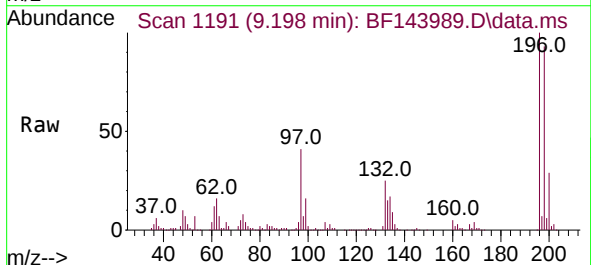
Tgt Ion:196 Resp: 203632
Ion Ratio Lower Upper
196 100
198 94.5 72.8 109.2
200 30.5 24.0 36.0

Manual Integrations
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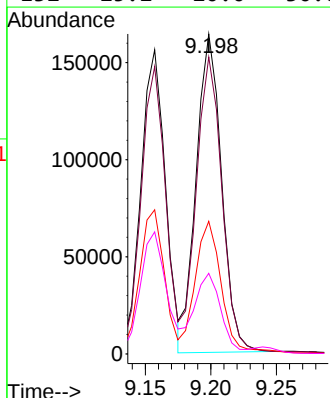
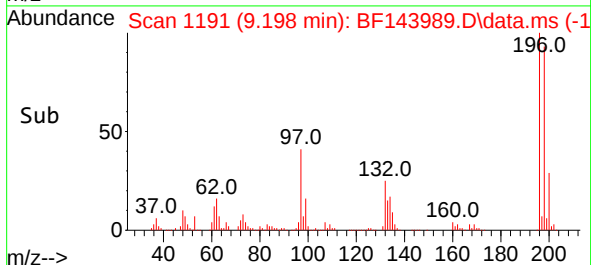
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

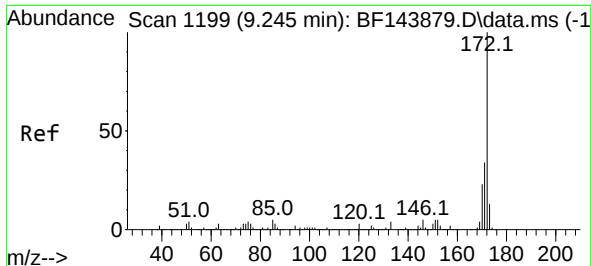


#44
2,4,5-Trichlorophenol
Concen: 56.197 ng
RT: 9.198 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16



Tgt Ion:196 Resp: 220540
Ion Ratio Lower Upper
196 100
198 92.8 75.5 113.3
97 41.5 33.9 50.9
132 25.2 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 102.169 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.011 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:172 Resp: 118407

Ion Ratio Lower Upper

172 100

171 34.0 27.4 41.0

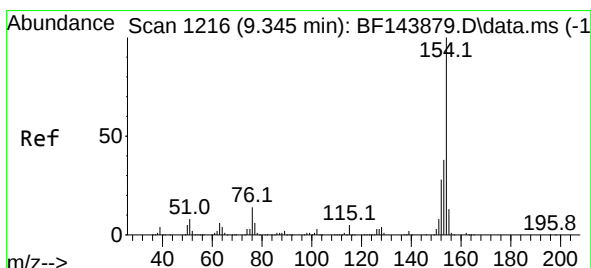
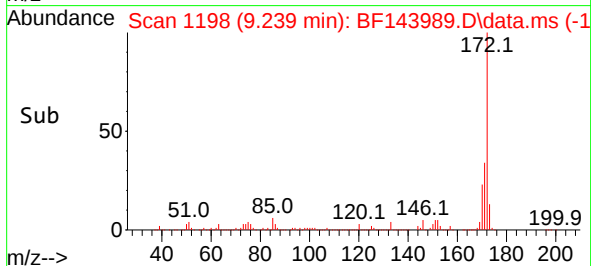
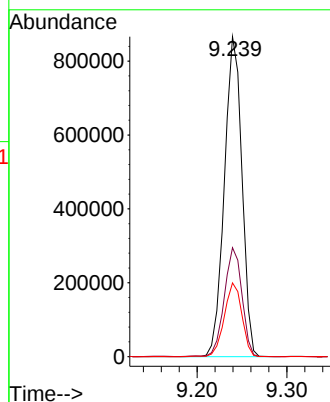
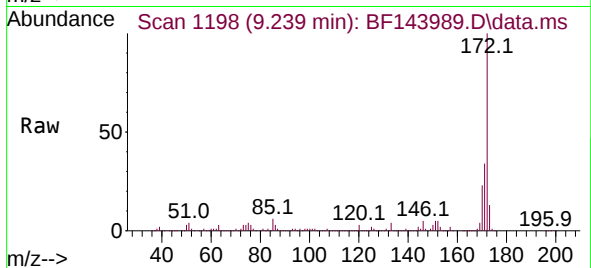
170 23.0 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#46

1,1'-Biphenyl

Concen: 60.021 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

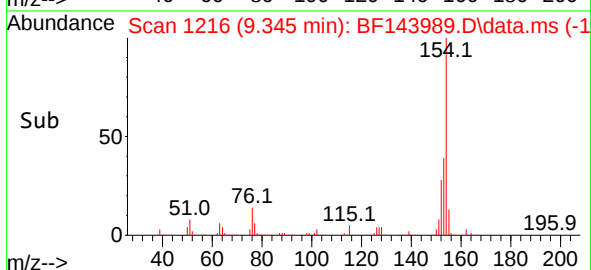
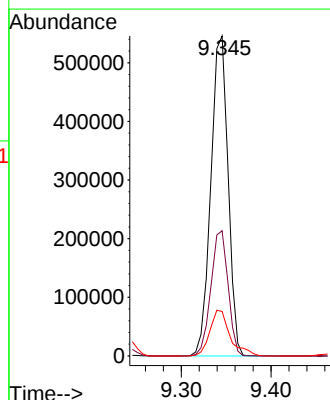
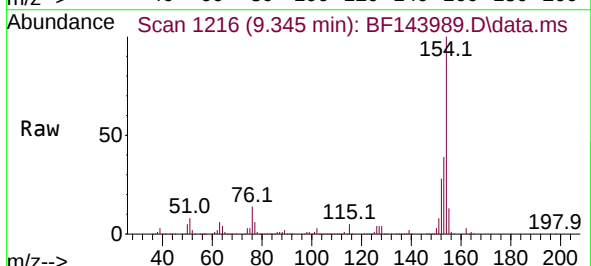
Tgt Ion:154 Resp: 730778

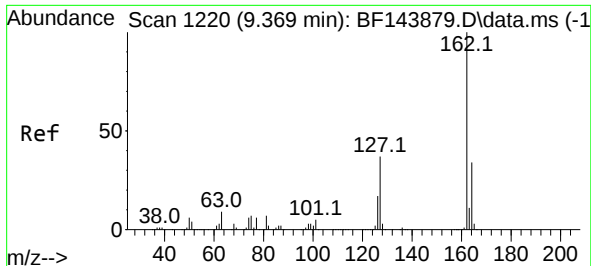
Ion Ratio Lower Upper

154 100

153 39.1 18.4 58.4

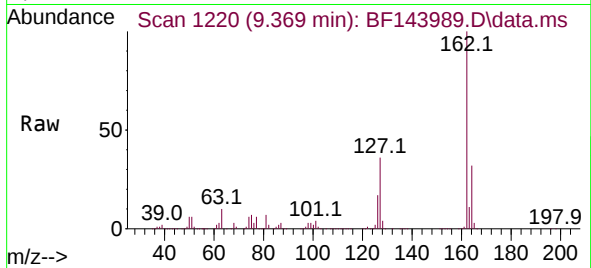
76 13.9 0.0 34.0





#47
2-Chloronaphthalene
Concen: 54.624 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

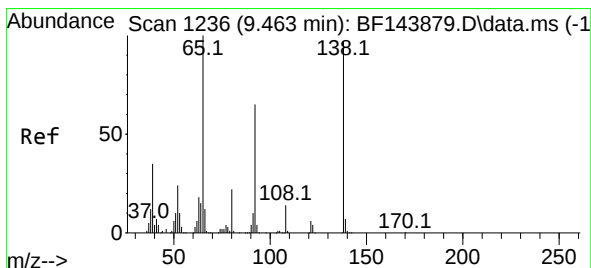
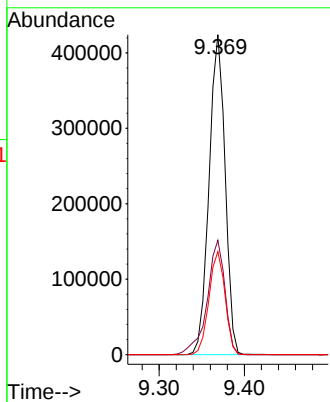
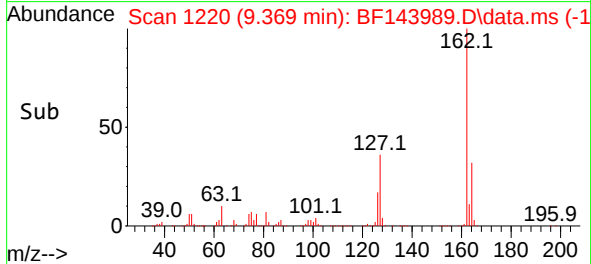
Instrument :
BNA_F
ClientSampleId :
TP-3MS



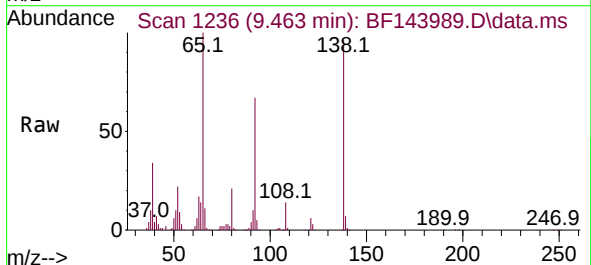
Tgt Ion:162 Resp: 554506
Ion Ratio Lower Upper
162 100
127 35.7 30.2 45.2
164 32.2 26.9 40.3

Manual Integrations
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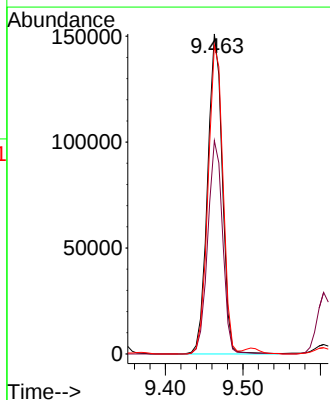
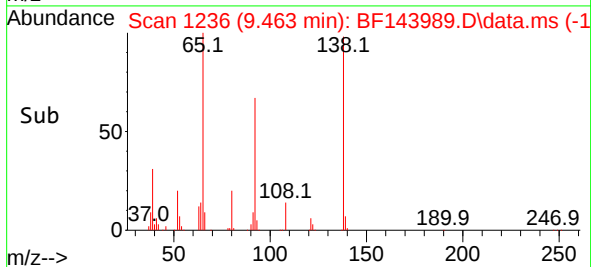
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

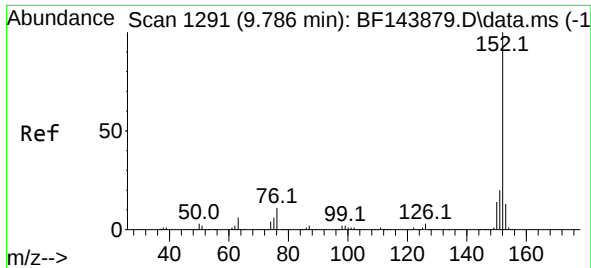


#48
2-Nitroaniline
Concen: 61.892 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16



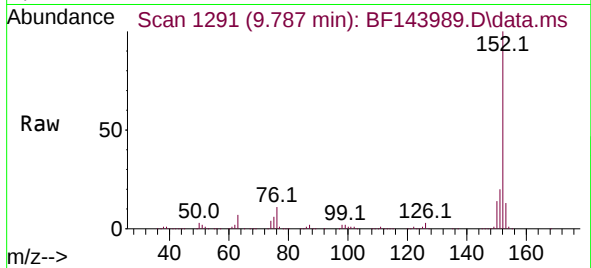
Tgt Ion: 65 Resp: 198638
Ion Ratio Lower Upper
65 100
92 66.6 52.1 78.1
138 96.5 77.4 116.2





#49
Acenaphthylene
Concen: 62.032 ng
RT: 9.787 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

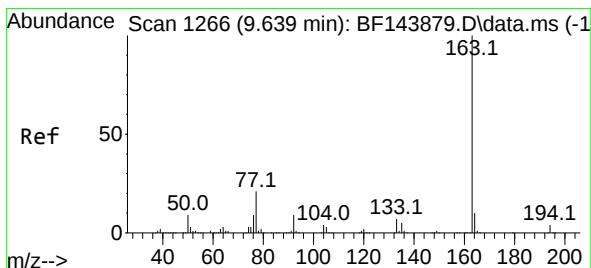
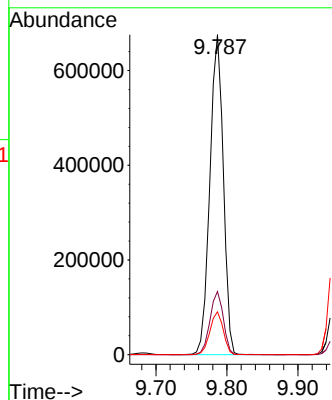
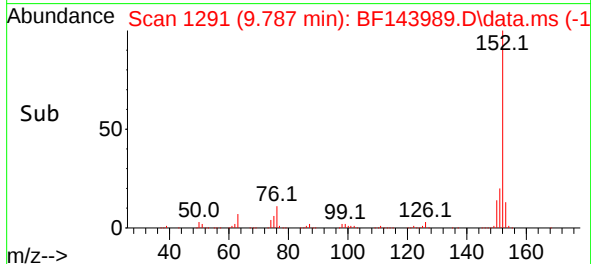
Instrument :
BNA_F
ClientSampleId :
TP-3MS



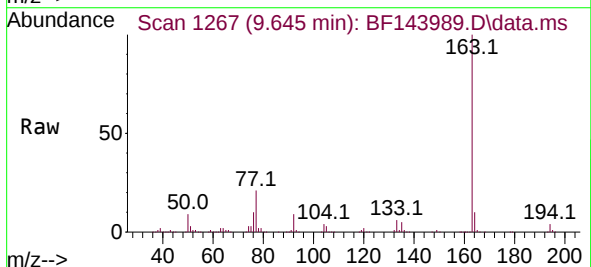
Tgt Ion:152 Resp: 885274
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.6
153 13.4 10.5 15.7

Manual Integrations
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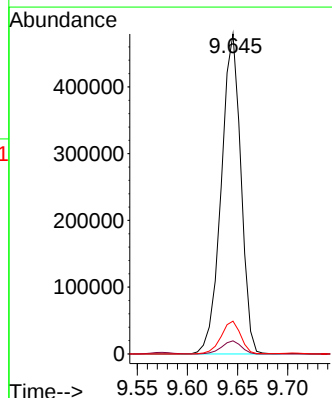
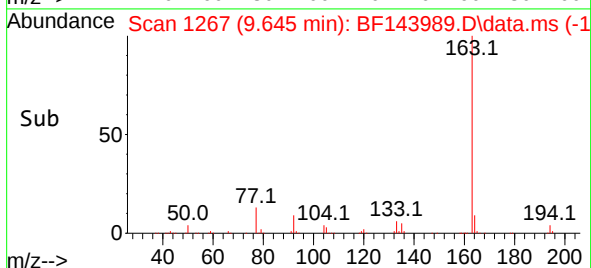
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

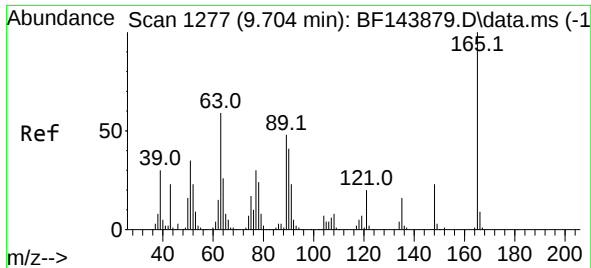


#50
Dimethylphthalate
Concen: 56.086 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16



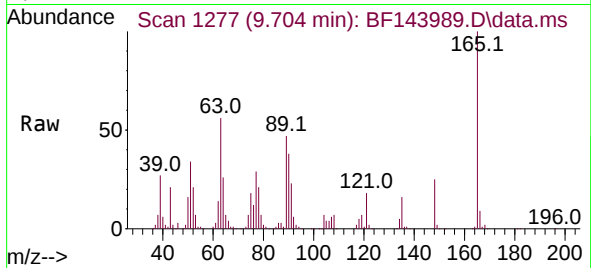
Tgt Ion:163 Resp: 654970
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 67.156 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.012 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

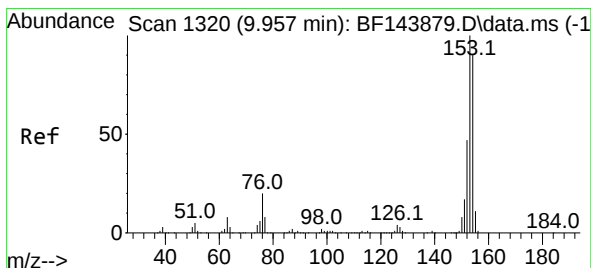
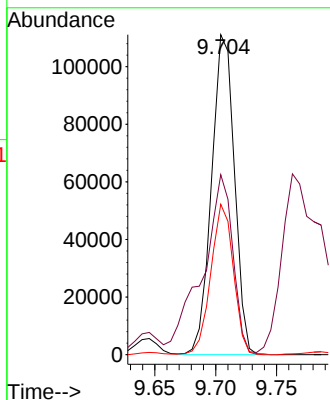
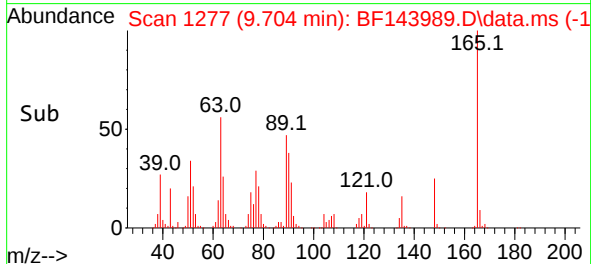
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:165 Resp: 145425
Ion Ratio Lower Upper
165 100
63 56.2 47.3 70.9
89 47.0 38.2 57.4

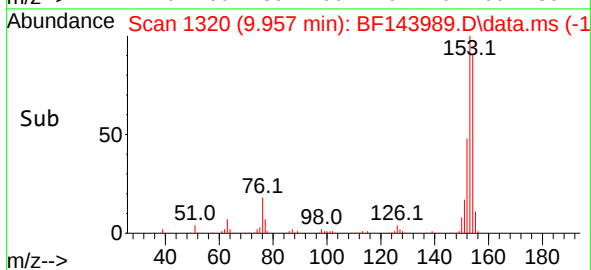
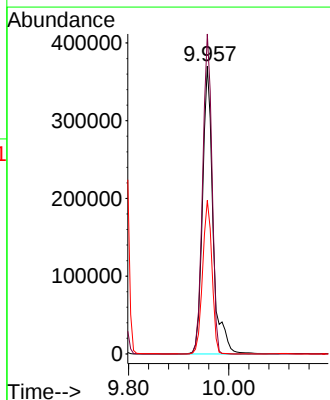
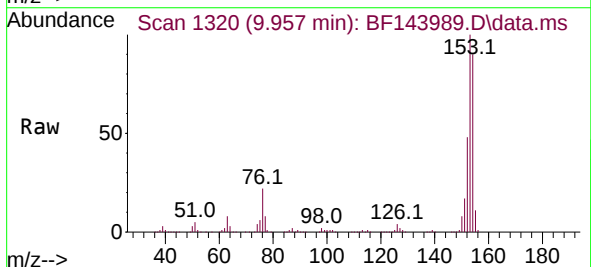
Manual Integrations
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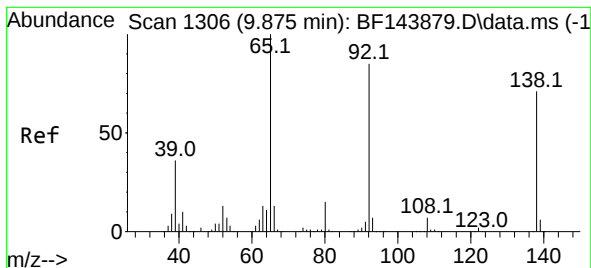
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#52
Acenaphthene
Concen: 57.515 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion:154 Resp: 537847
Ion Ratio Lower Upper
154 100
153 111.3 89.3 133.9
152 53.4 42.2 63.2





#53

3-Nitroaniline

Concen: 20.098 ng

RT: 9.875 min Scan# 1306

Delta R.T. -0.012 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:138 Resp: 53290

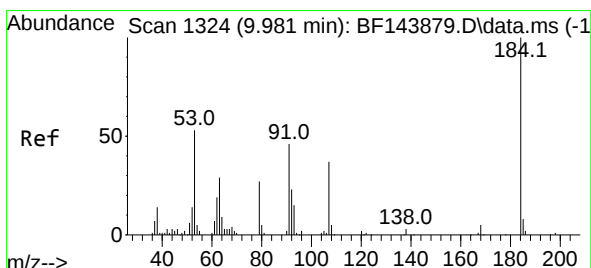
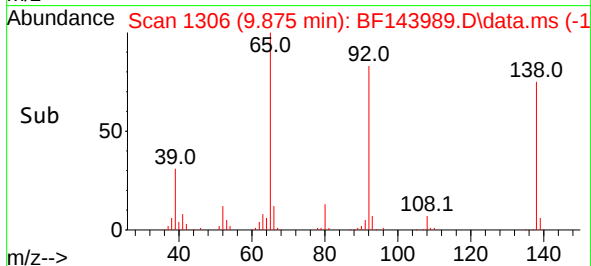
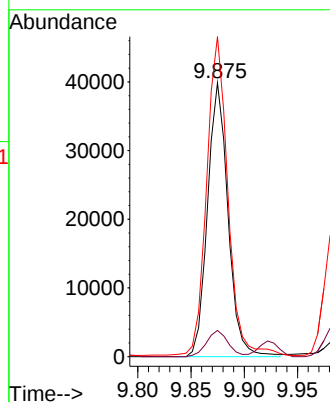
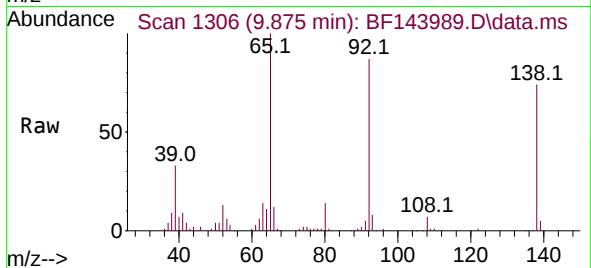
Ion	Ratio	Lower	Upper
138	100		
108	9.5	8.3	12.5
92	116.8	96.2	144.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#54

2,4-Dinitrophenol

Concen: 90.476 ng

RT: 9.987 min Scan# 1325

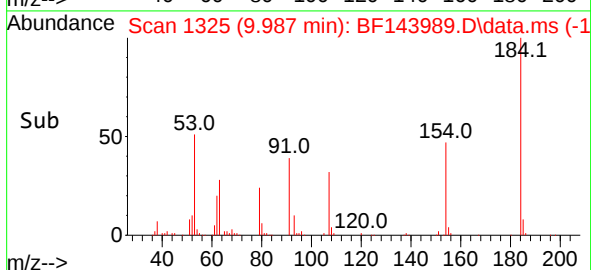
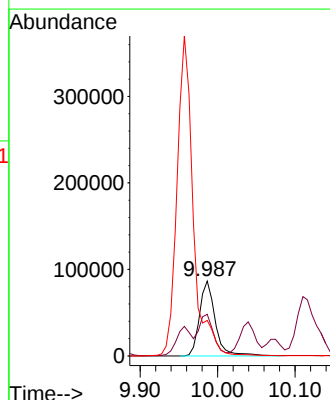
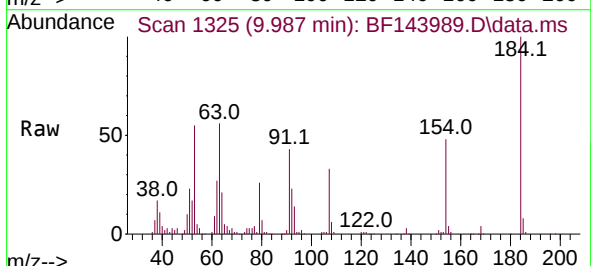
Delta R.T. 0.001 min

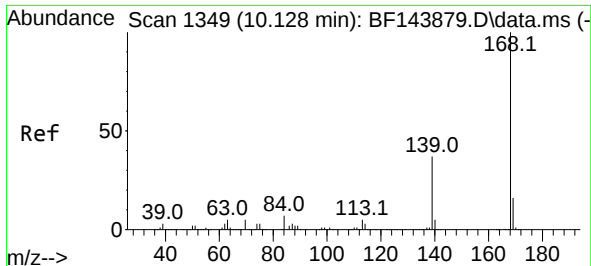
Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Tgt Ion:184 Resp: 122181

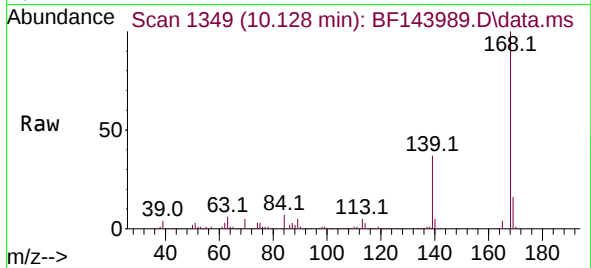
Ion	Ratio	Lower	Upper
184	100		
63	55.6	48.2	72.4
154	47.5	49.2	73.8





#55
Dibenzofuran
Concen: 55.301 ng
RT: 10.128 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

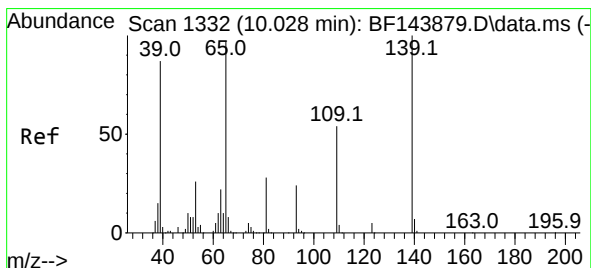
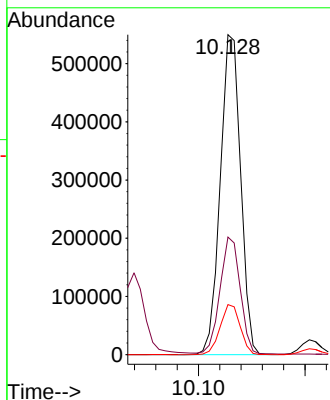
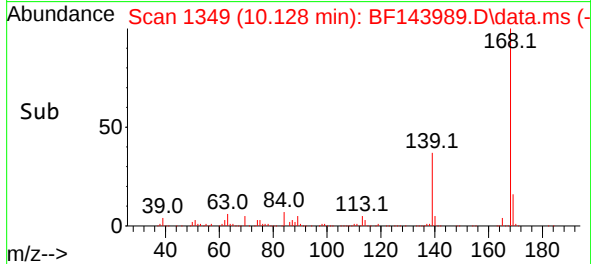
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:168 Resp: 730000
Ion Ratio Lower Upper
168 100
139 36.7 29.8 44.8
169 15.6 12.8 19.2

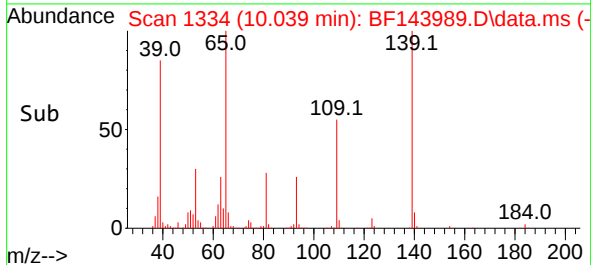
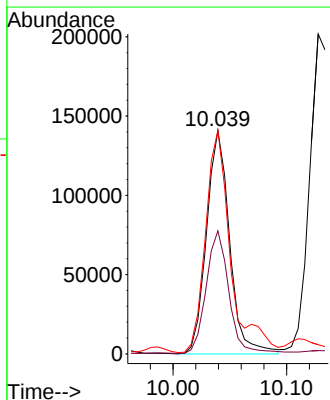
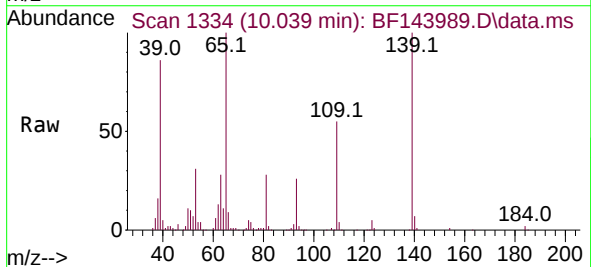
Manual Integrations
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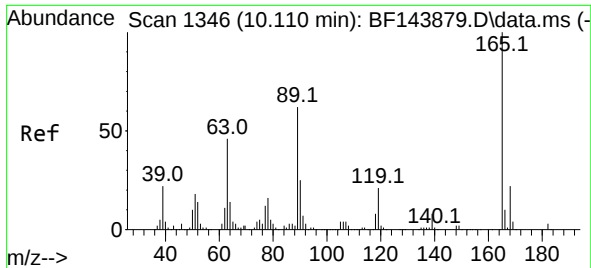
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#56
4-Nitrophenol
Concen: 99.366 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion:139 Resp: 199491
Ion Ratio Lower Upper
139 100
109 55.1 34.5 74.5
65 100.1 77.6 117.6





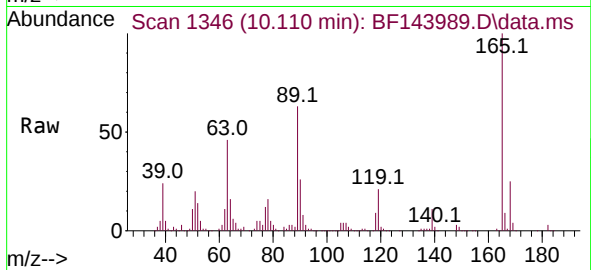
#57
2,4-Dinitrotoluene
Concen: 65.963 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS



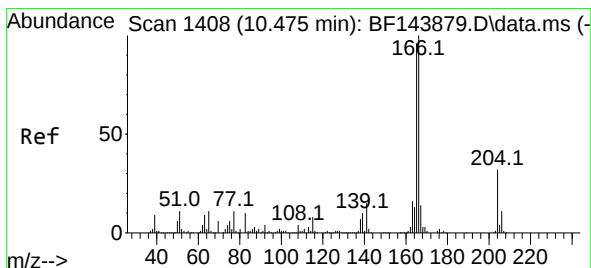
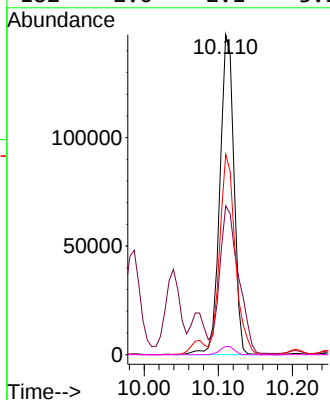
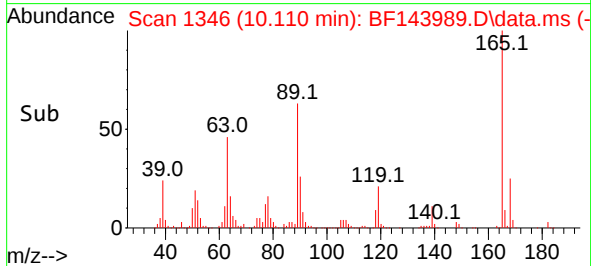
Tgt Ion:165 Resp: 194353
Ion Ratio Lower Upper
165 100
63 46.5 37.2 55.8
89 62.6 49.4 74.2
182 2.6 2.1 3.1

Manual Integrations

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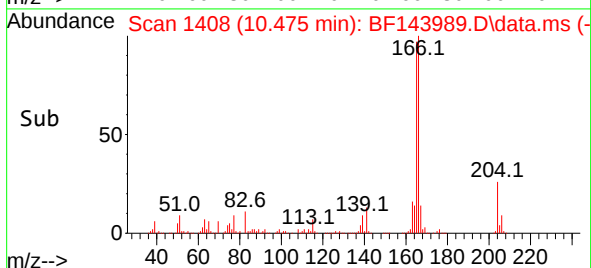
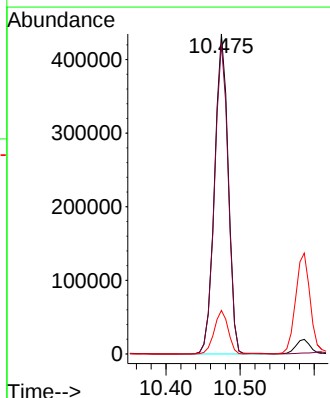
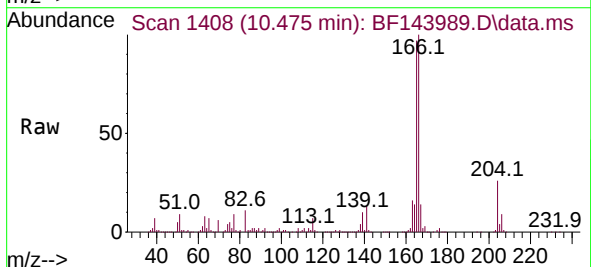
Reviewed By :Rahul Chavli 10/20/2025

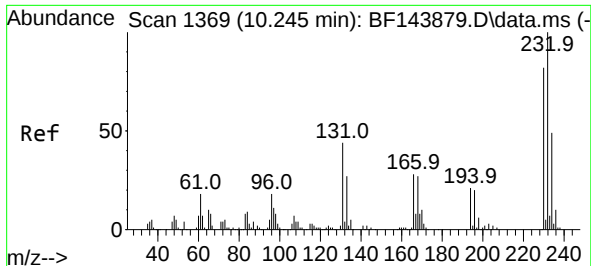
Supervised By :Jagrut Upadhyay 10/20/2025



#58
Fluorene
Concen: 55.980 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

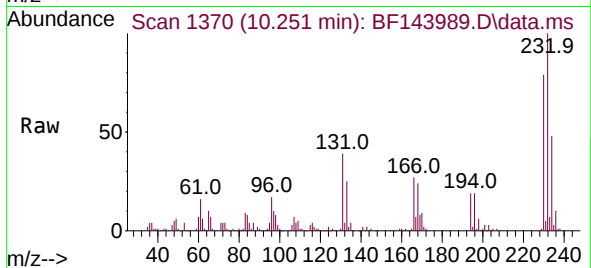
Tgt Ion:166 Resp: 557598
Ion Ratio Lower Upper
166 100
165 97.0 77.0 115.6
167 13.6 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 62.146 ng
RT: 10.251 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

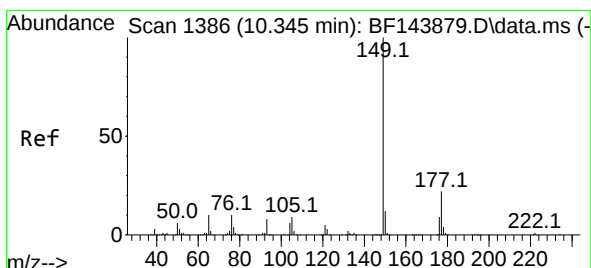
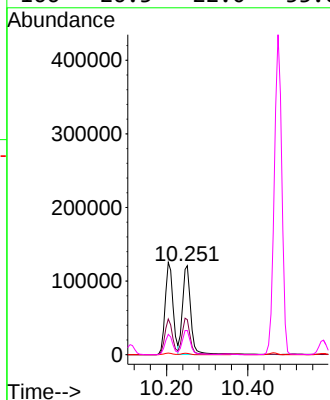
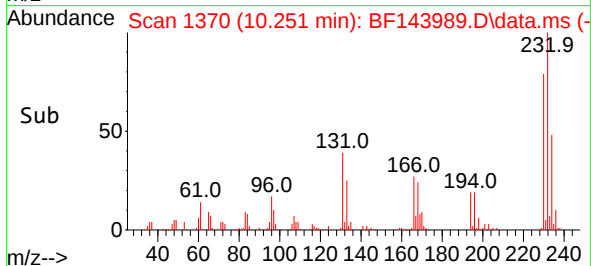
Instrument :
BNA_F
ClientSampleId :
TP-3MS



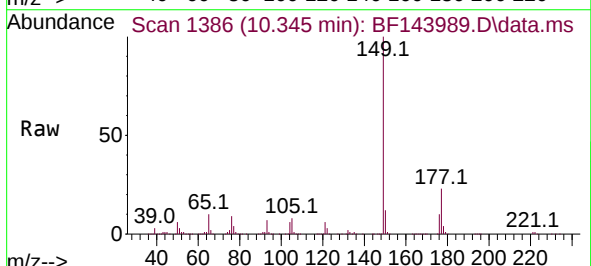
Tgt Ion:232 Resp: 172642
Ion Ratio Lower Upper
232 100
131 39.2 34.9 52.3
130 1.4 1.6 2.4
166 26.3 22.0 33.0

Manual Integrations
APPROVED

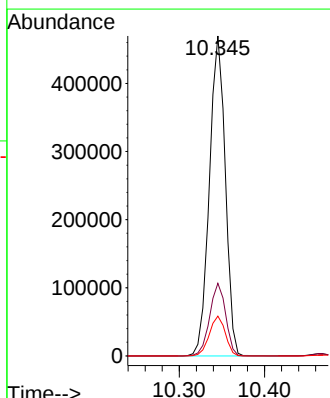
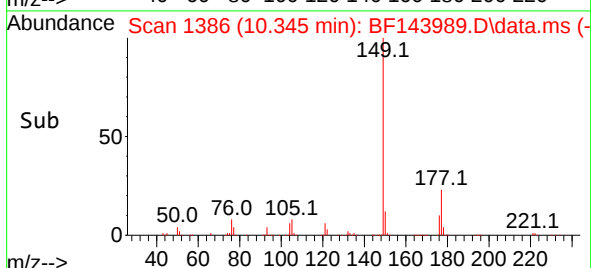
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

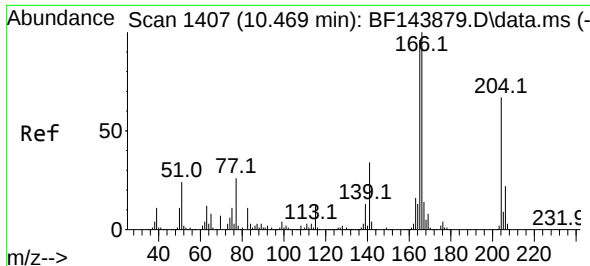


#60
Diethylphthalate
Concen: 56.086 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16



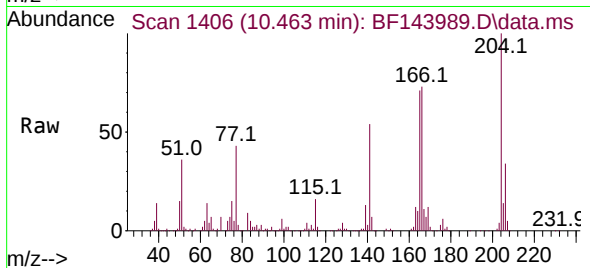
Tgt Ion:149 Resp: 608476
Ion Ratio Lower Upper
149 100
177 22.7 17.9 26.9
150 12.4 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 54.654 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

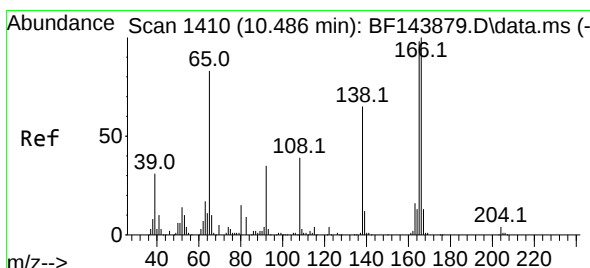
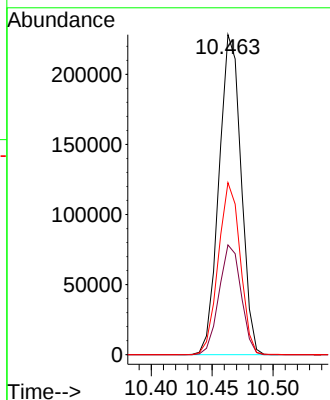
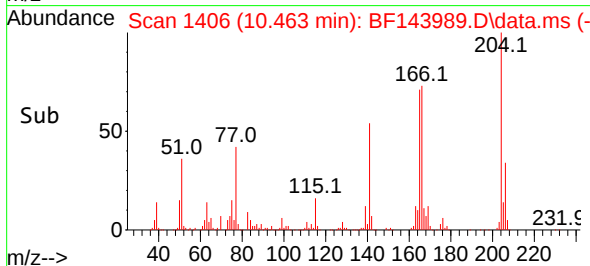
Instrument :
BNA_F
ClientSampleId :
TP-3MS



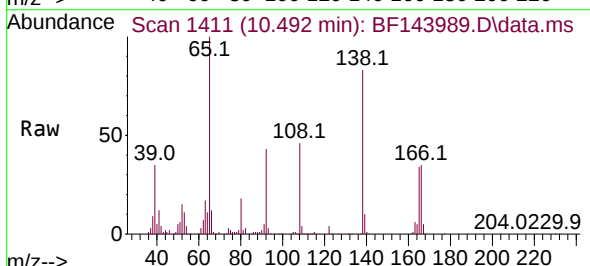
Tgt Ion:204 Resp: 287821
Ion Ratio Lower Upper
204 100
206 34.3 26.6 40.0
141 53.7 40.4 60.6

Manual Integrations
APPROVED

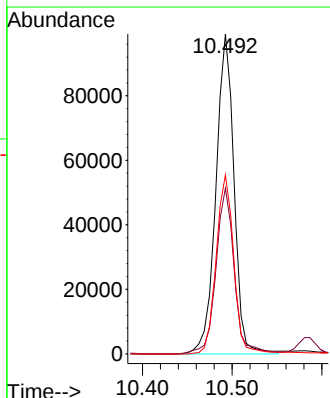
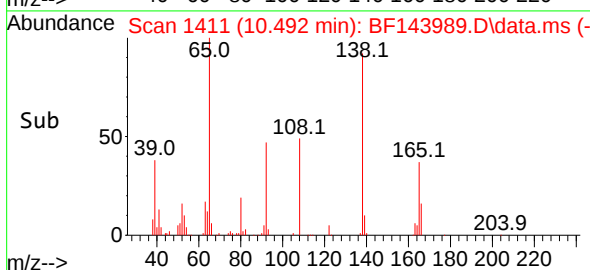
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

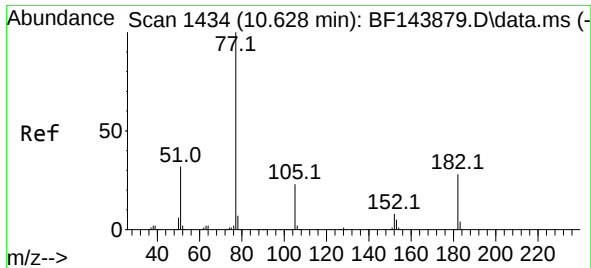


#62
4-Nitroaniline
Concen: 54.671 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.017 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16



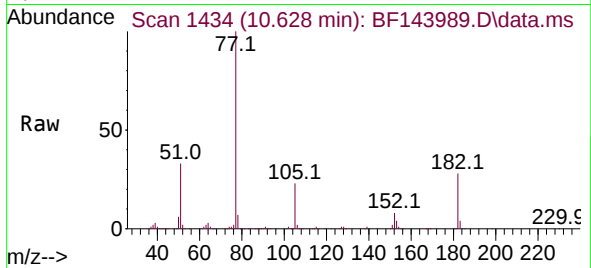
Tgt Ion:138 Resp: 139399
Ion Ratio Lower Upper
138 100
92 51.8 33.9 73.9
108 55.9 40.2 80.2





#63
Azobenzene
Concen: 57.080 ng
RT: 10.628 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

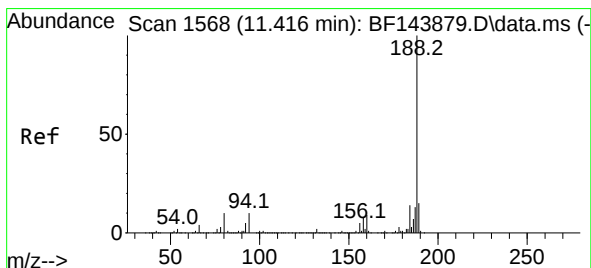
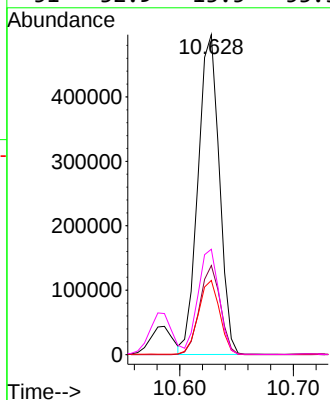
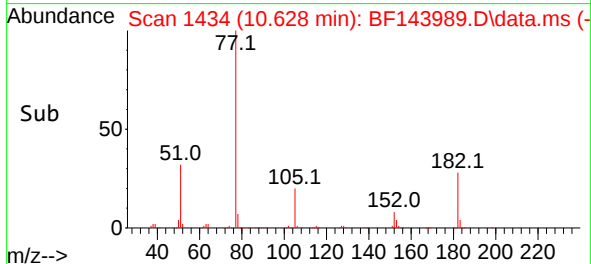
Instrument :
BNA_F
ClientSampleId :
TP-3MS



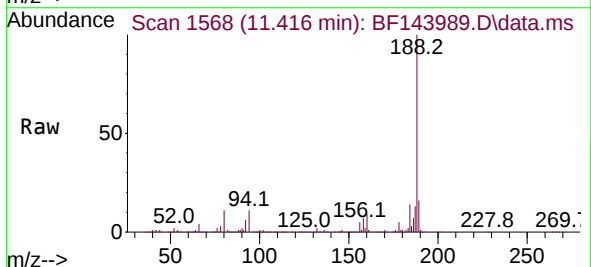
Tgt Ion: 77 Resp: 647215
Ion Ratio Lower Upper
77 100
182 27.8 7.3 47.3
105 23.2 3.0 43.0
51 32.9 13.5 53.5

Manual Integrations
APPROVED

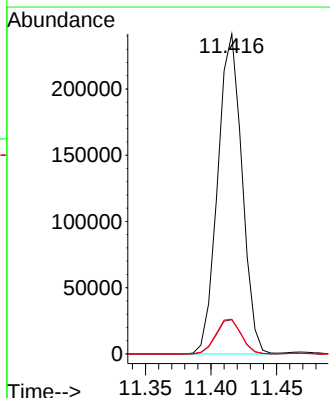
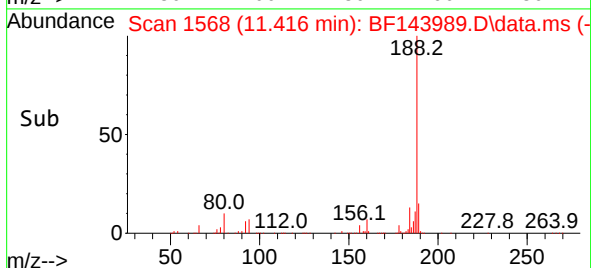
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

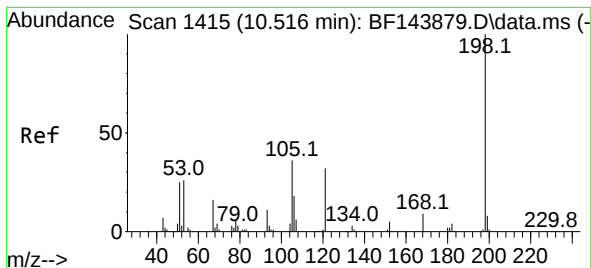


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16



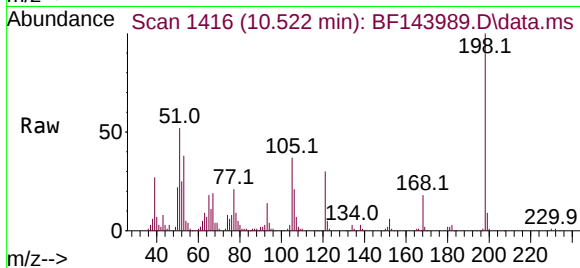
Tgt Ion:188 Resp: 312055
Ion Ratio Lower Upper
188 100
94 10.7 7.8 11.6
80 10.8 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 60.444 ng
RT: 10.522 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

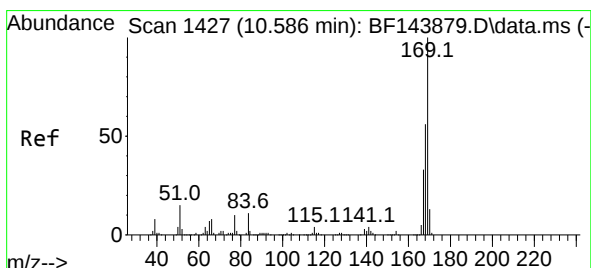
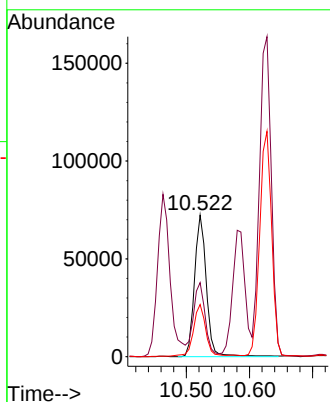
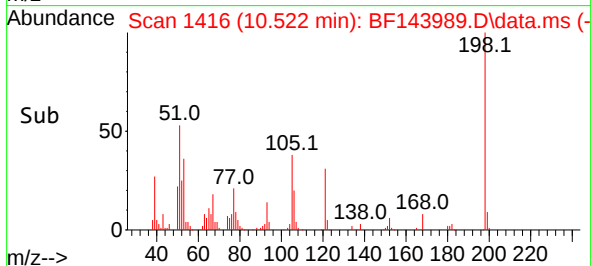
Instrument :
BNA_F
ClientSampleId :
TP-3MS



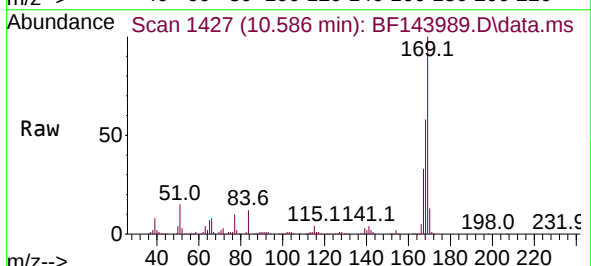
Tgt Ion:198 Resp: 94785
Ion Ratio Lower Upper
198 100
51 52.3 33.8 73.8
105 36.8 17.0 57.0

Manual Integrations
APPROVED

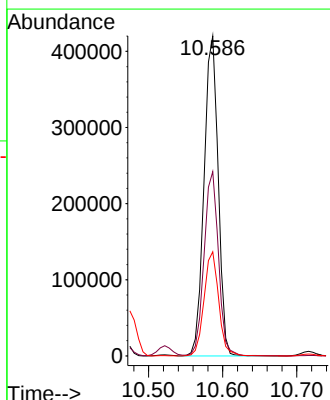
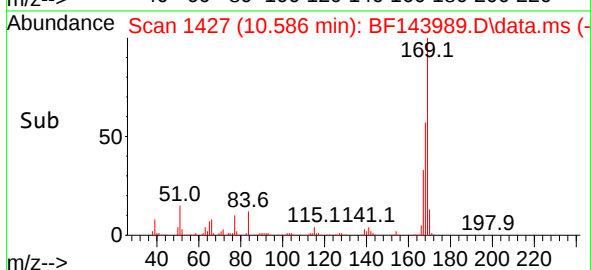
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

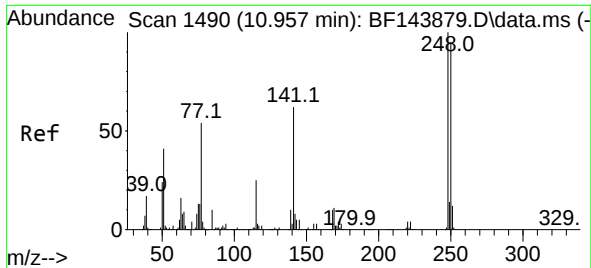


#66
n-Nitrosodiphenylamine
Concen: 56.808 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16



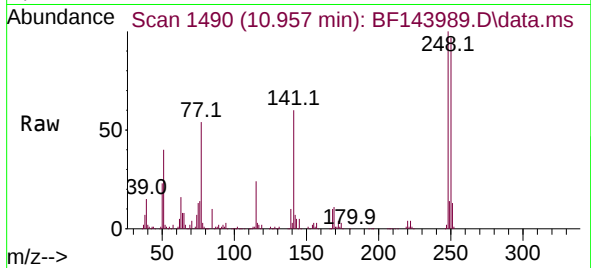
Tgt Ion:169 Resp: 556624
Ion Ratio Lower Upper
169 100
168 57.6 44.9 67.3
167 32.6 26.3 39.5





#67
4-Bromophenyl-phenylether
Concen: 55.983 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

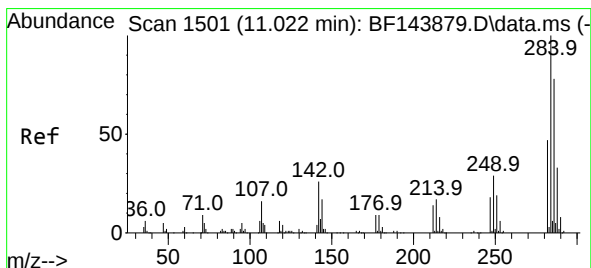
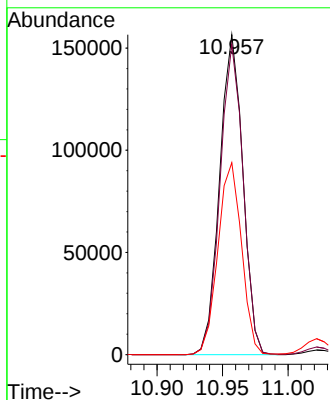
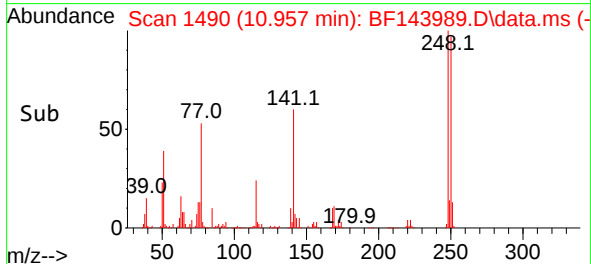
Instrument :
BNA_F
ClientSampleId :
TP-3MS



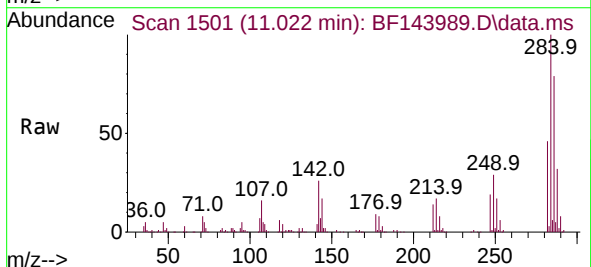
Tgt Ion:248 Resp: 193069
Ion Ratio Lower Upper
248 100
250 96.9 76.3 114.5
141 60.0 49.7 74.5

Manual Integrations
APPROVED

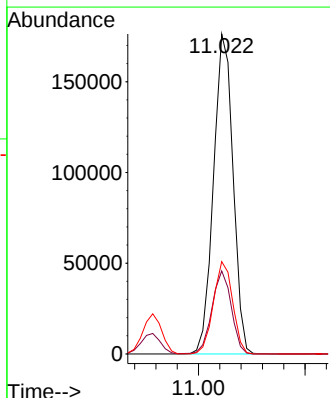
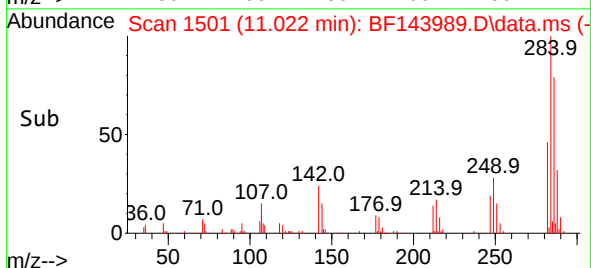
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

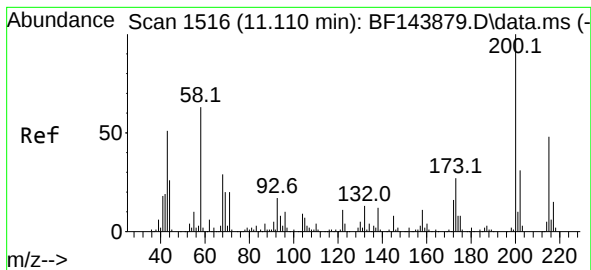


#68
Hexachlorobenzene
Concen: 56.374 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16



Tgt Ion:284 Resp: 225078
Ion Ratio Lower Upper
284 100
142 26.0 20.6 30.8
249 28.8 23.2 34.8





#69

Atrazine

Concen: 61.423 ng

RT: 11.110 min Scan# 1516

Delta R.T. -0.012 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

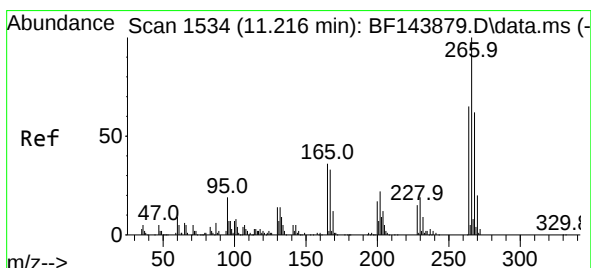
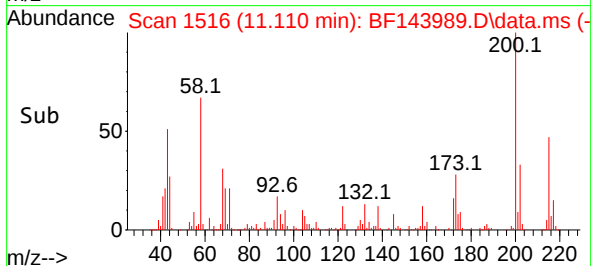
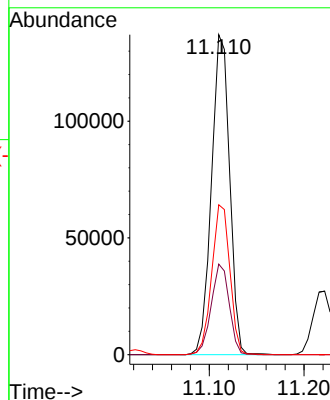
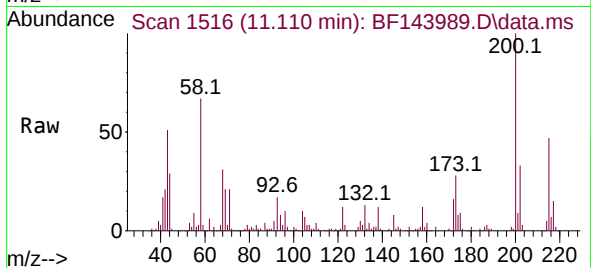
Tgt Ion:200 Resp: 182413
 Ion Ratio Lower Upper
 200 100
 173 28.3 7.0 47.0
 215 46.8 27.8 67.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#70

Pentachlorophenol

Concen: 104.891 ng

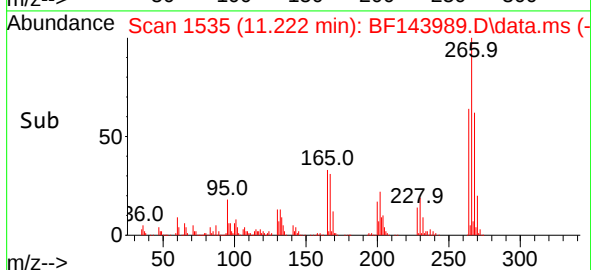
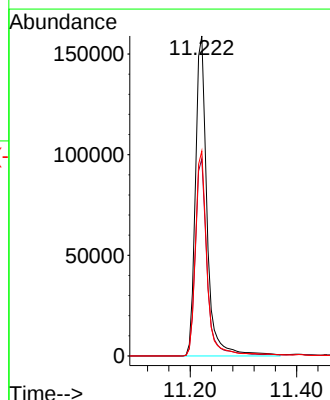
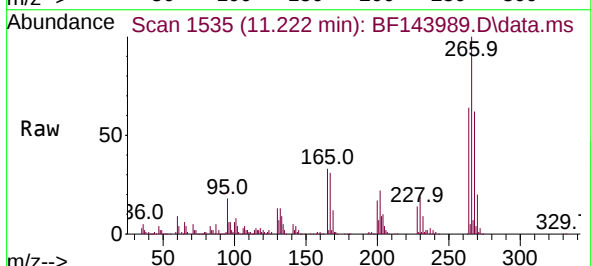
RT: 11.222 min Scan# 1535

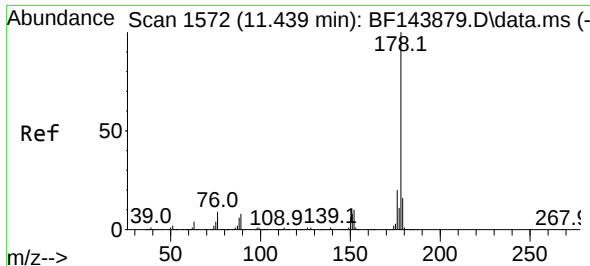
Delta R.T. 0.000 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

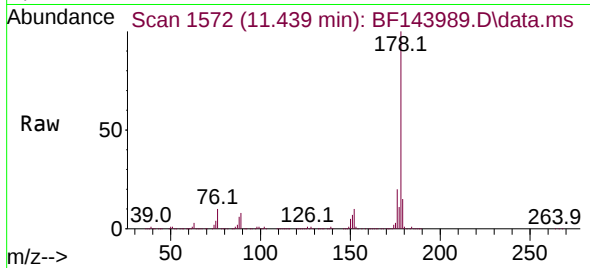
Tgt Ion:266 Resp: 240521
 Ion Ratio Lower Upper
 266 100
 268 61.6 49.4 74.0
 264 64.0 51.8 77.6





#71
Phenanthrene
Concen: 55.161 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

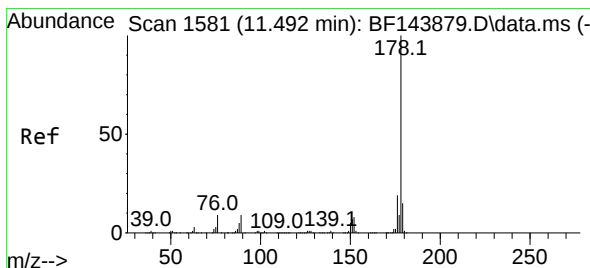
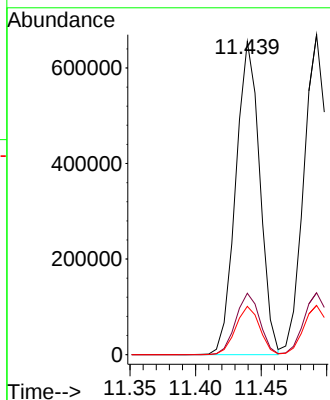
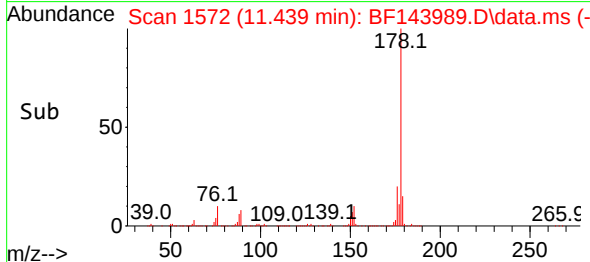
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:178 Resp: 834503
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.4 12.4 18.6

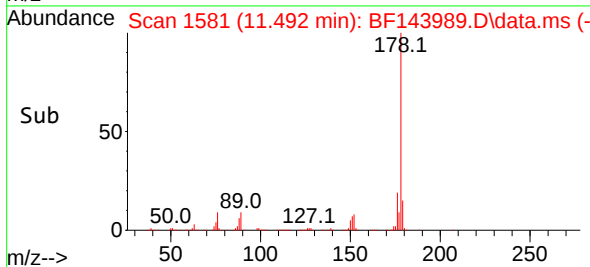
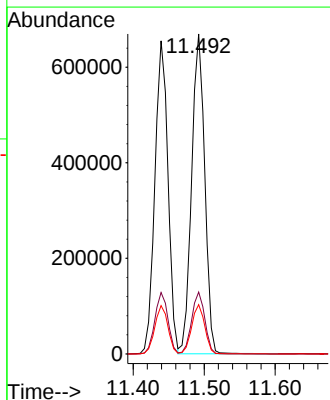
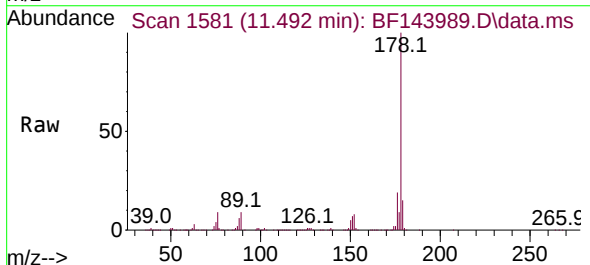
Manual Integrations
APPROVED

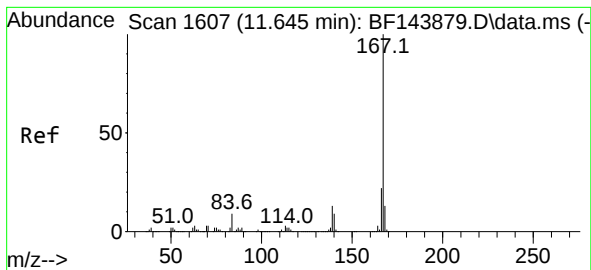
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#72
Anthracene
Concen: 55.952 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

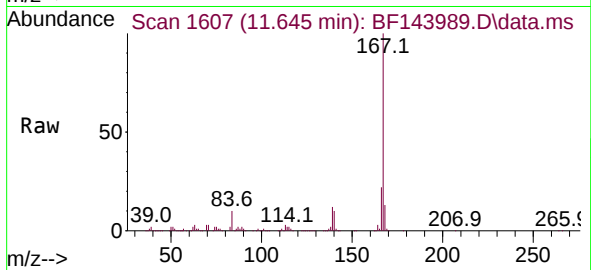
Tgt Ion:178 Resp: 855144
Ion Ratio Lower Upper
178 100
176 19.3 14.9 22.3
179 15.4 12.2 18.2





#73
 Carbazole
 Concen: 56.408 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF143989.D
 Acq: 17 Oct 2025 17:16

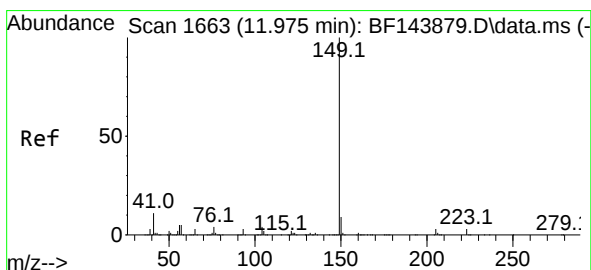
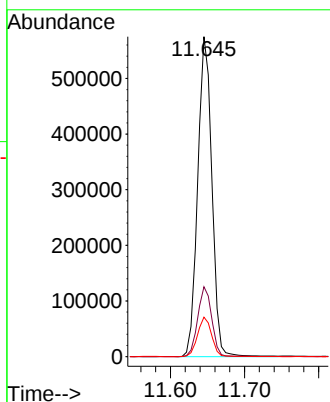
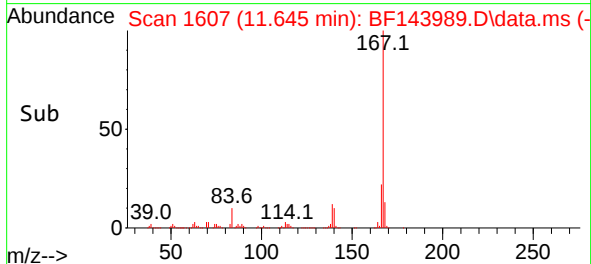
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS



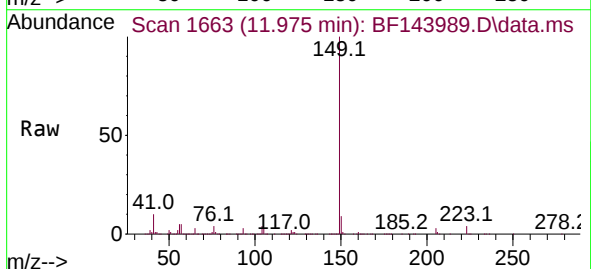
Tgt Ion:167 Resp: 763540
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 12.3 10.1 15.1

Manual Integrations
 APPROVED

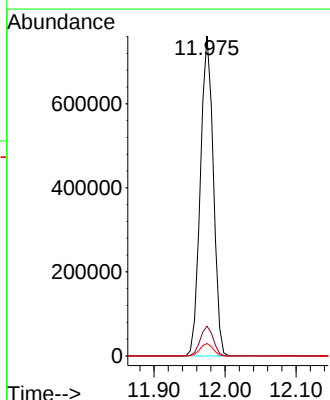
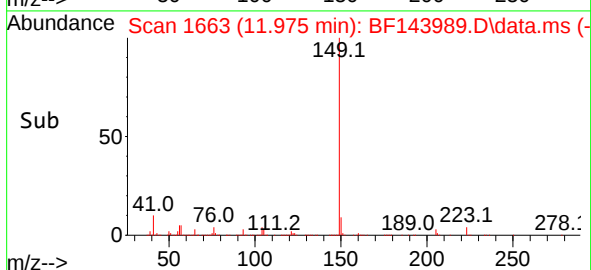
Reviewed By :Rahul Chavli 10/20/2025
 Supervised By :Jagrut Upadhyay 10/20/2025

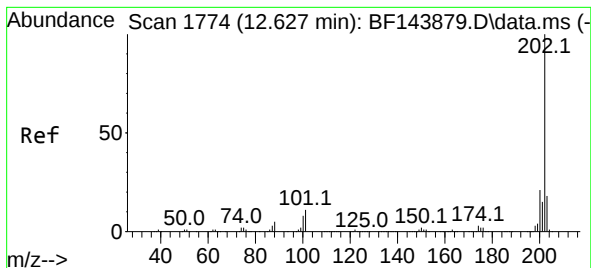


#74
 Di-n-butylphthalate
 Concen: 61.072 ng
 RT: 11.975 min Scan# 1663
 Delta R.T. -0.006 min
 Lab File: BF143989.D
 Acq: 17 Oct 2025 17:16



Tgt Ion:149 Resp: 958093
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 3.9 3.4 5.2





#75

Fluoranthene

Concen: 56.990 ng

RT: 12.633 min Scan# 1775

Delta R.T. 0.000 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:202 Resp: 89055

Ion Ratio Lower Upper

202 100

101 10.7 0.0 30.7

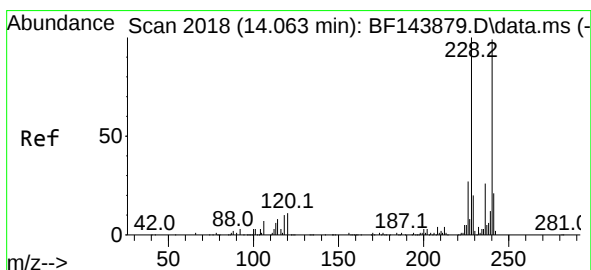
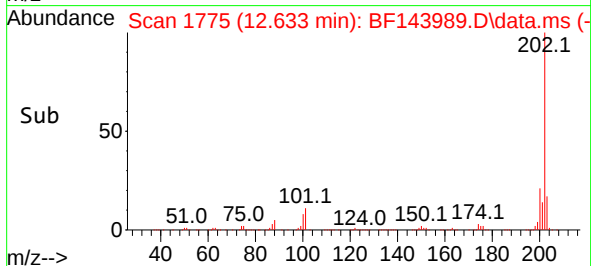
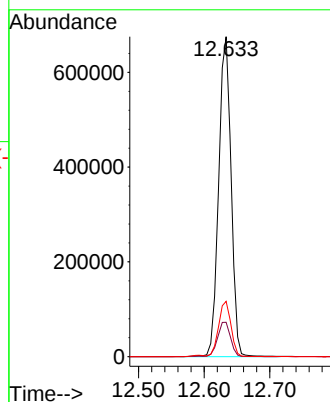
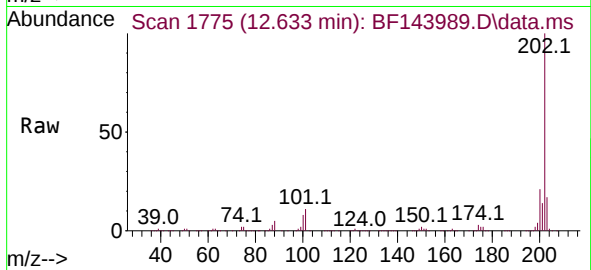
203 17.3 0.0 37.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.005 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

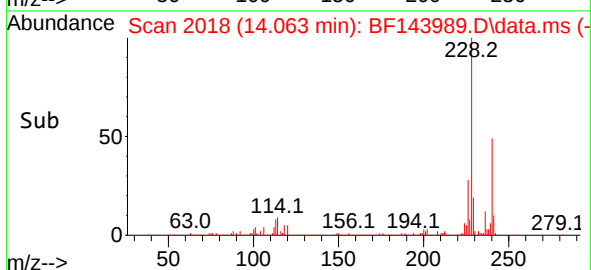
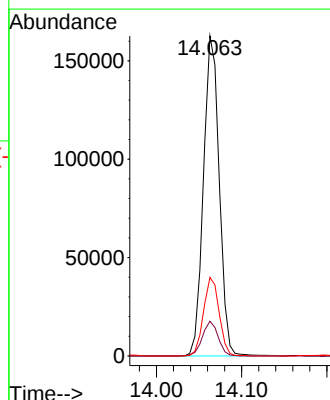
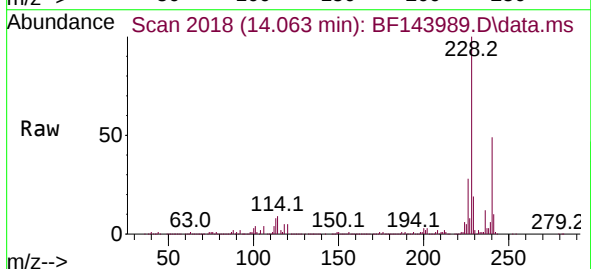
Tgt Ion:240 Resp: 209178

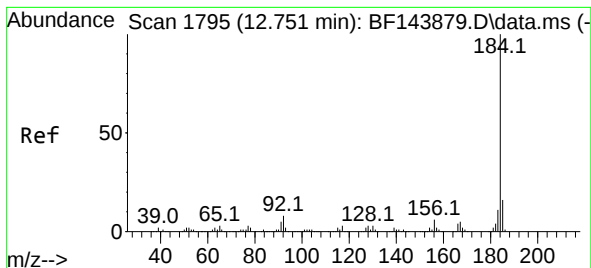
Ion Ratio Lower Upper

240 100

120 10.8 8.6 13.0

236 24.5 21.1 31.7





#77

Benzidine

Concen: 13.615 ng

RT: 12.757 min Scan# 1795

Delta R.T. -0.000 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

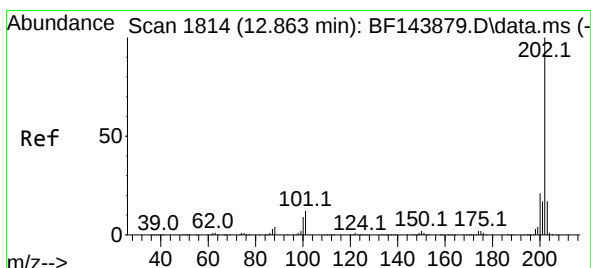
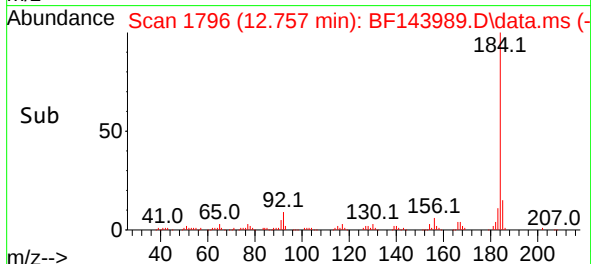
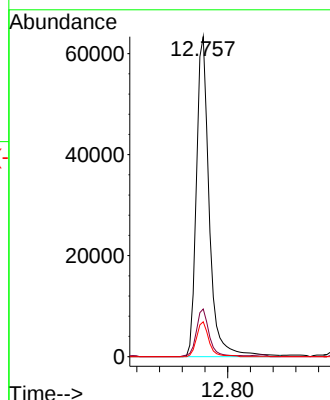
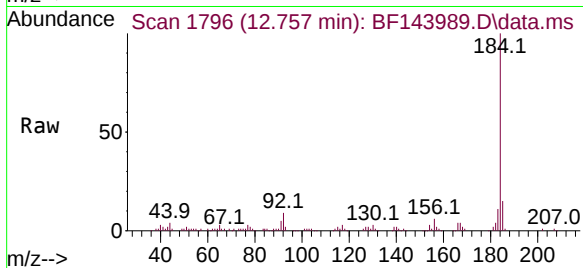
Tgt Ion:184 Resp: 98888
 Ion Ratio Lower Upper
 184 100
 185 14.9 12.6 18.8
 183 10.9 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#78

Pyrene

Concen: 52.170 ng

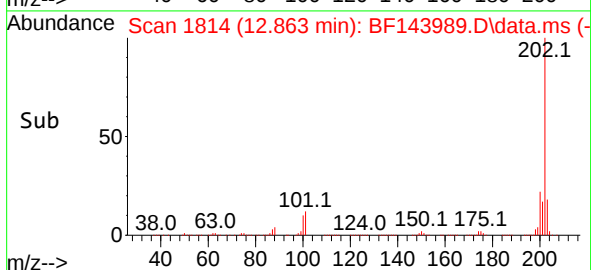
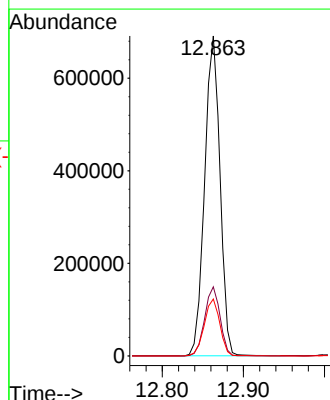
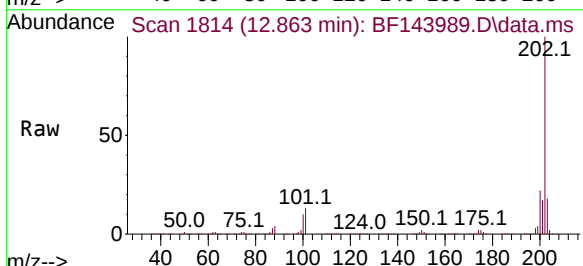
RT: 12.863 min Scan# 1814

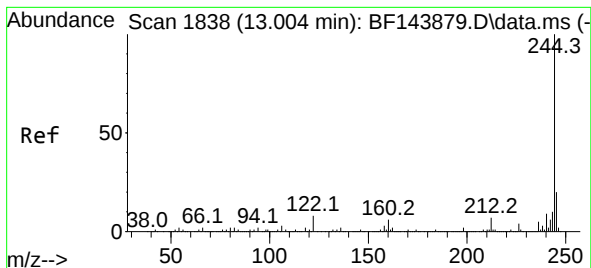
Delta R.T. 0.000 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Tgt Ion:202 Resp: 909793
 Ion Ratio Lower Upper
 202 100
 200 21.6 17.0 25.6
 203 17.8 13.8 20.6





#79

Terphenyl-d14

Concen: 99.554 ng

RT: 13.004 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:244 Resp: 121846

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

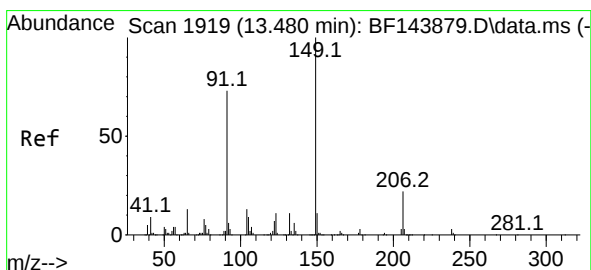
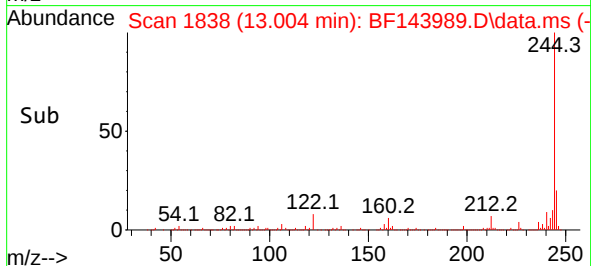
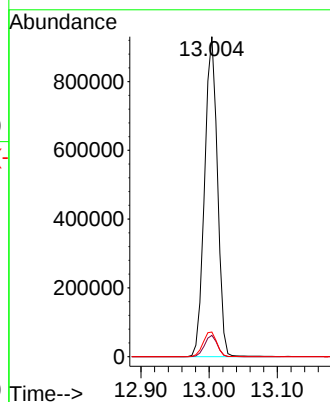
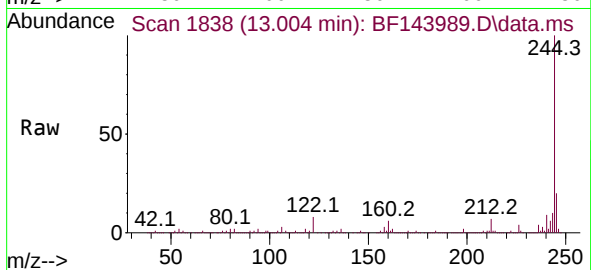
122 7.7 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#80

Butylbenzylphthalate

Concen: 63.948 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

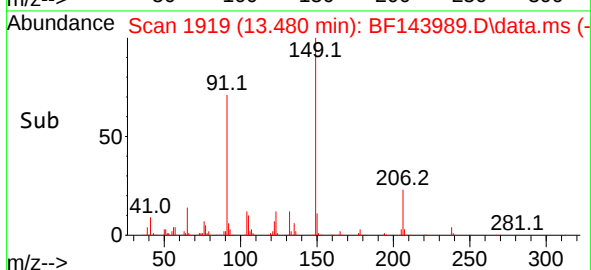
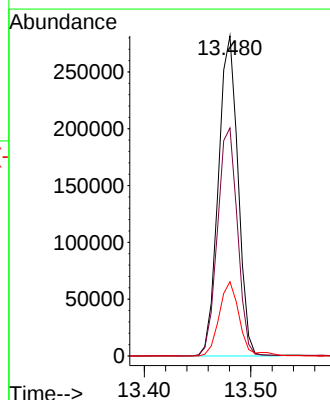
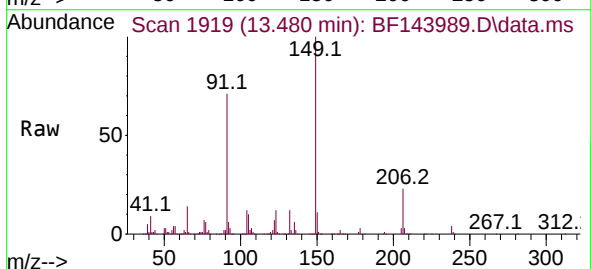
Tgt Ion:149 Resp: 362178

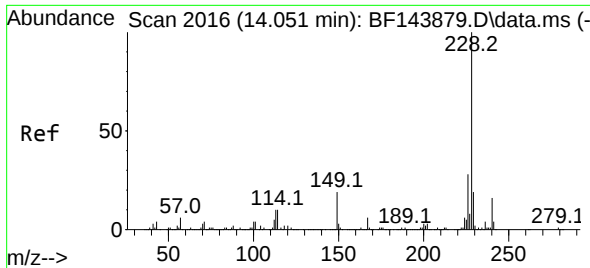
Ion Ratio Lower Upper

149 100

91 71.2 58.2 87.2

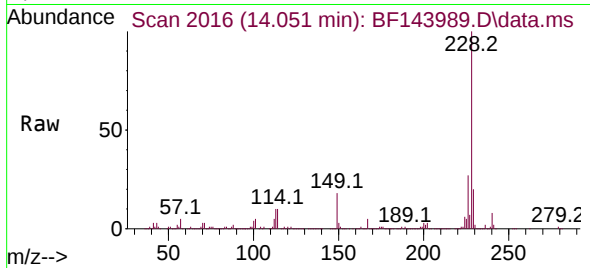
206 23.2 17.9 26.9





#81
Benzo(a)anthracene
Concen: 59.624 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

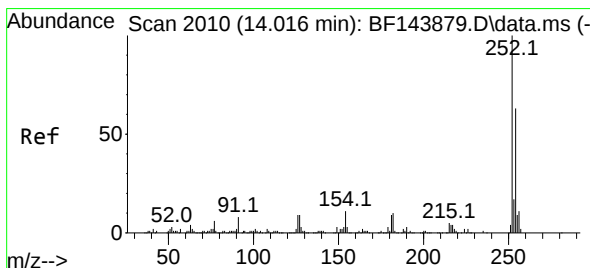
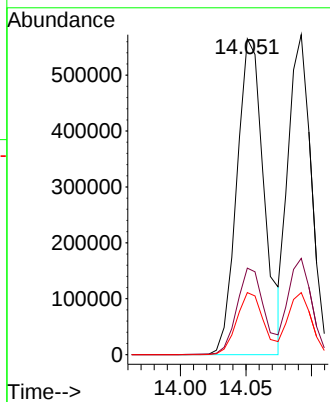
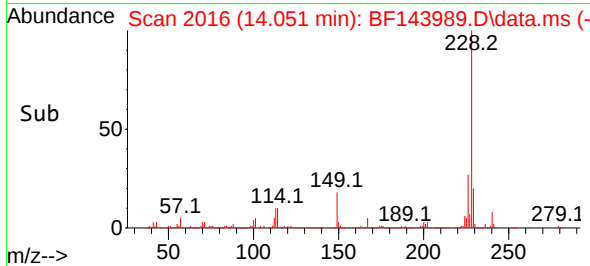
Instrument :
BNA_F
ClientSampleId :
TP-3MS



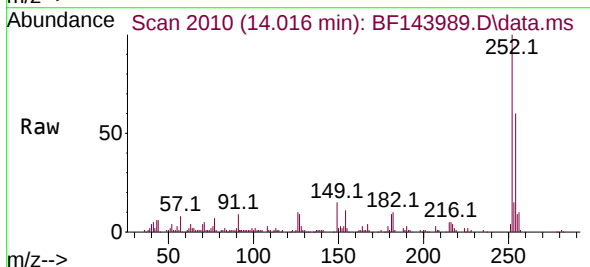
Tgt Ion:228 Resp: 816180
Ion Ratio Lower Upper
228 100
226 27.4 22.2 33.2
229 19.6 15.6 23.4

Manual Integrations
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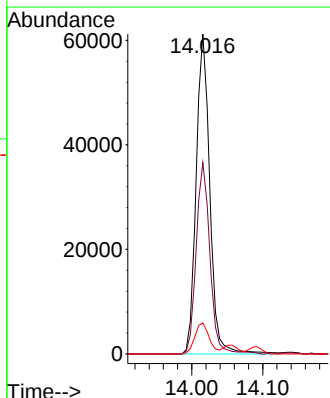
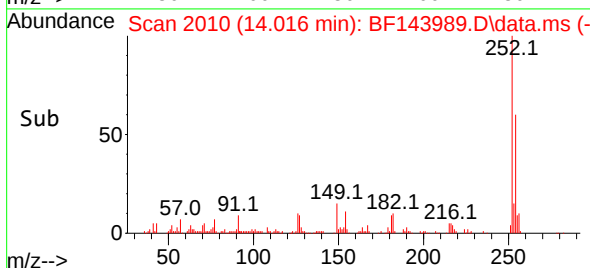
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

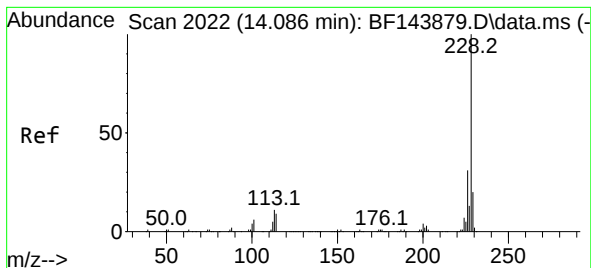


#82
3,3'-Dichlorobenzidine
Concen: 19.504 ng
RT: 14.016 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16



Tgt Ion:252 Resp: 81364
Ion Ratio Lower Upper
252 100
254 59.8 50.6 76.0
126 9.7 7.0 10.6





#83

Chrysene

Concen: 55.399 ng

RT: 14.092 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:228 Resp: 70186

Ion Ratio Lower Upper

228 100

226 30.1 24.4 36.6

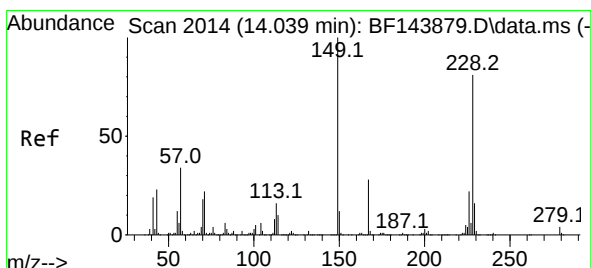
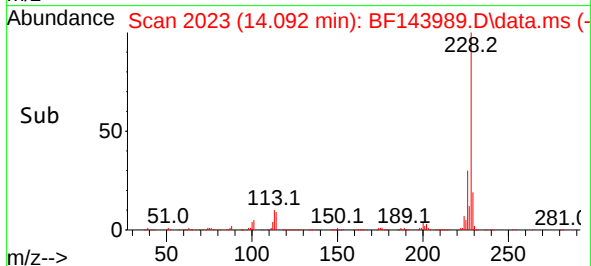
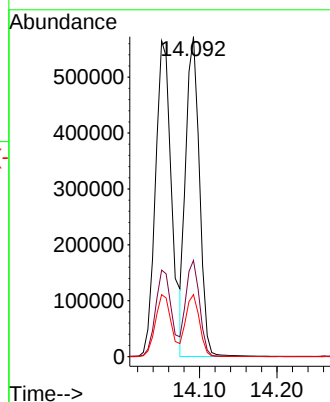
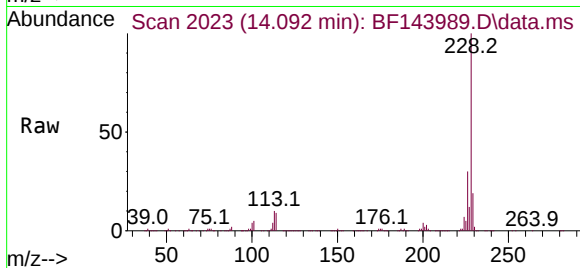
229 19.4 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 67.177 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

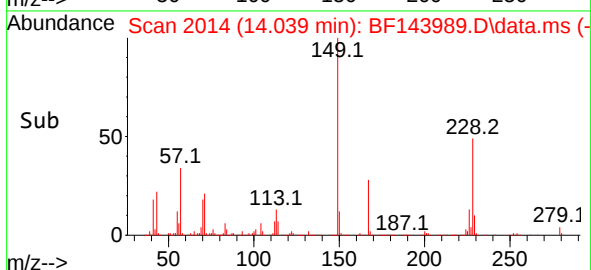
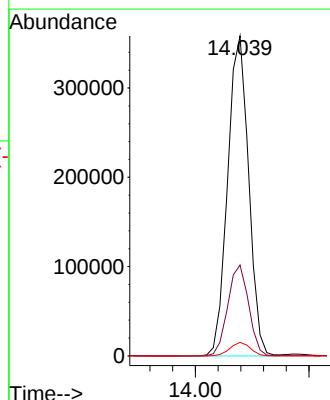
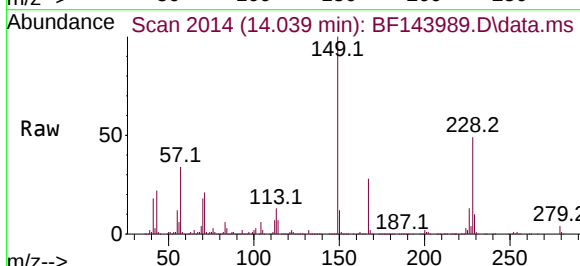
Tgt Ion:149 Resp: 458629

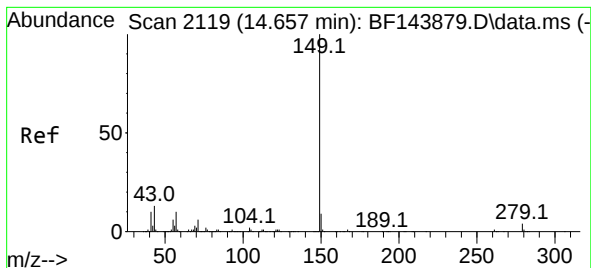
Ion Ratio Lower Upper

149 100

167 28.4 22.2 33.4

279 4.2 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 71.817 ng

RT: 14.651 min Scan# 2119

Delta R.T. -0.006 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

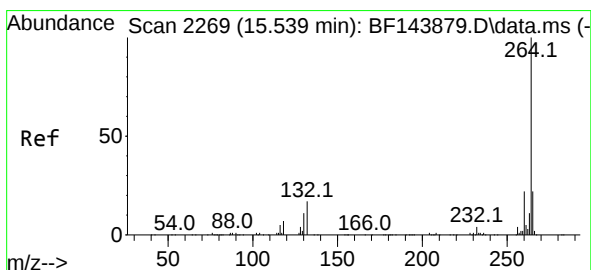
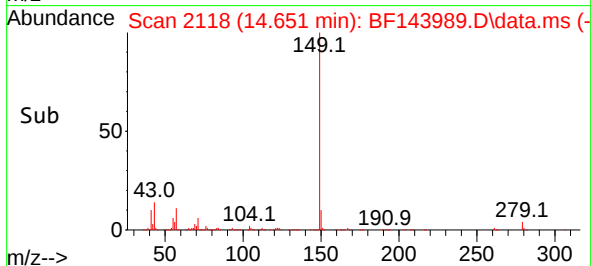
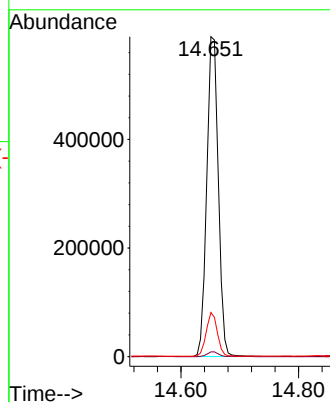
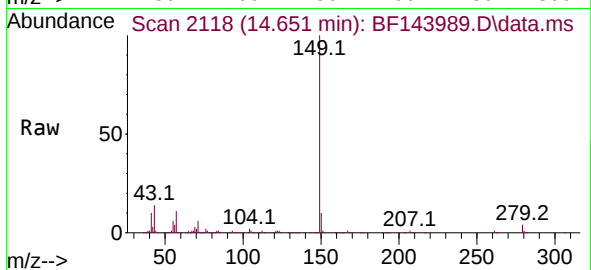
Tgt Ion:149 Resp: 805297
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.1 1.7
 43 13.1 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#86

Perylene-d12

Concen: 20.000 ng

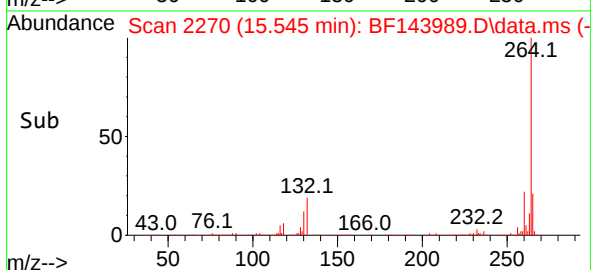
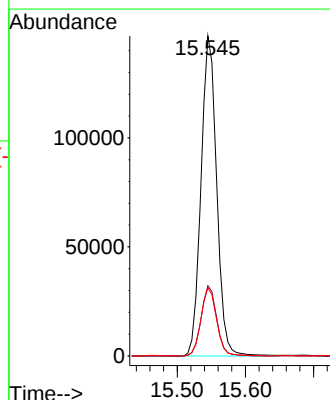
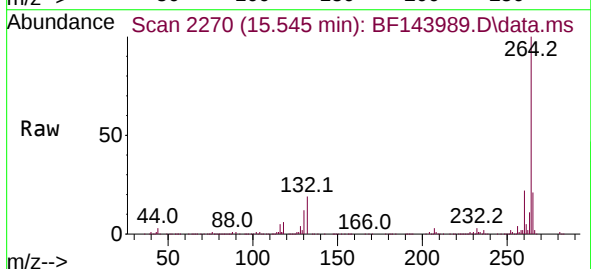
RT: 15.545 min Scan# 2270

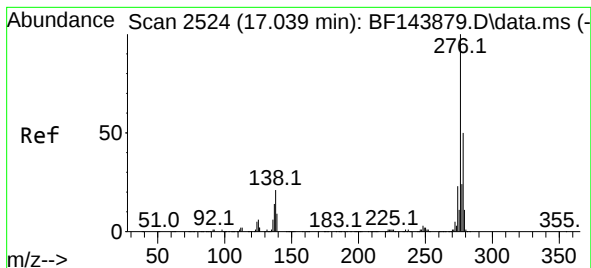
Delta R.T. 0.000 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Tgt Ion:264 Resp: 234382
 Ion Ratio Lower Upper
 264 100
 260 21.9 17.8 26.8
 265 21.3 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 59.560 ng

RT: 17.057 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:276 Resp: 855372

Ion Ratio Lower Upper

276 100

138 24.4 18.2 27.2

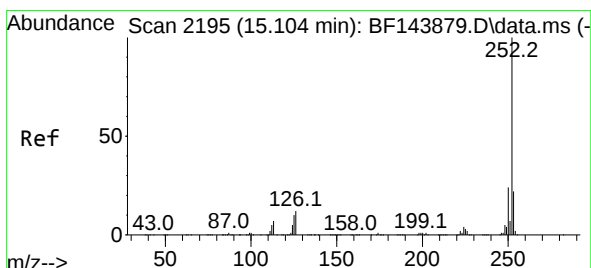
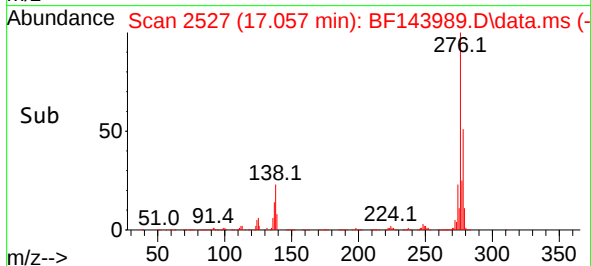
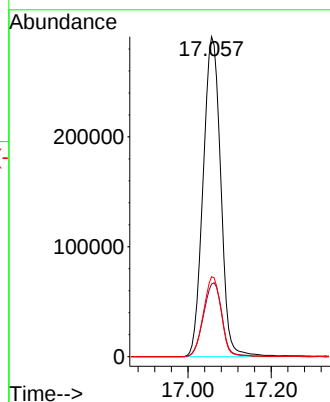
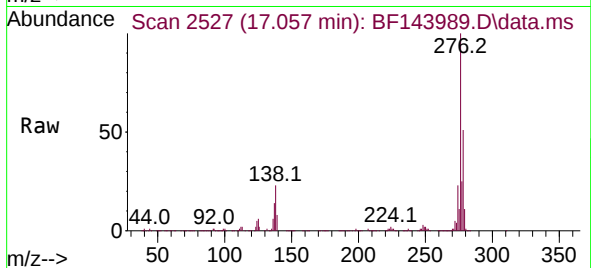
277 25.1 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#88

Benzo(b)fluoranthene

Concen: 55.891 ng

RT: 15.116 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

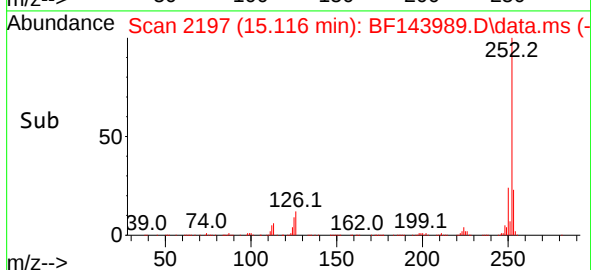
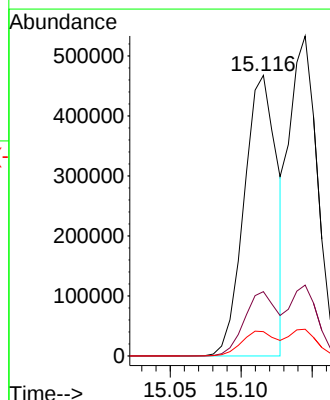
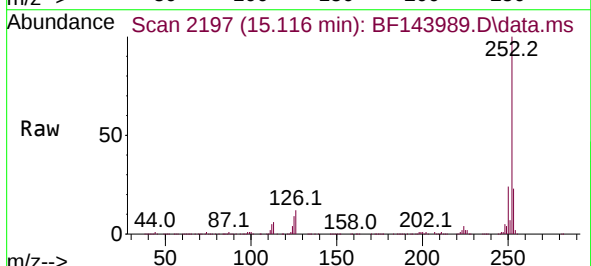
Tgt Ion:252 Resp: 752500

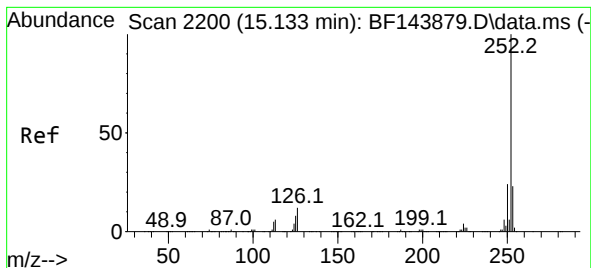
Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.2

125 8.6 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 58.731 ng

RT: 15.145 min Scan# 2200

Delta R.T. 0.000 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:252 Resp: 731679

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

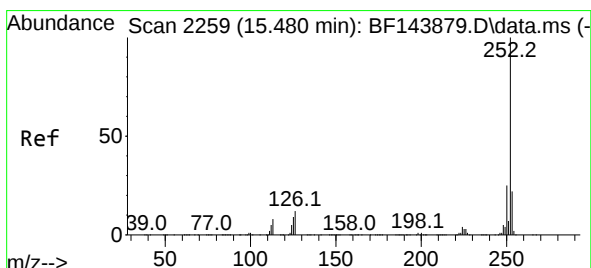
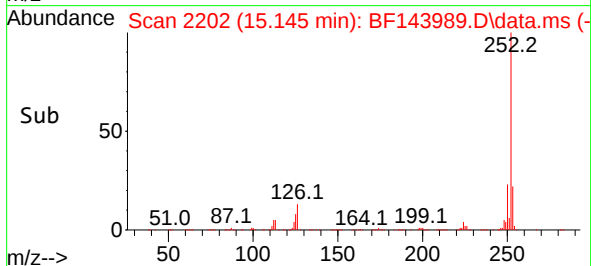
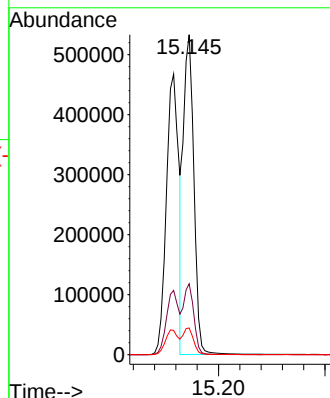
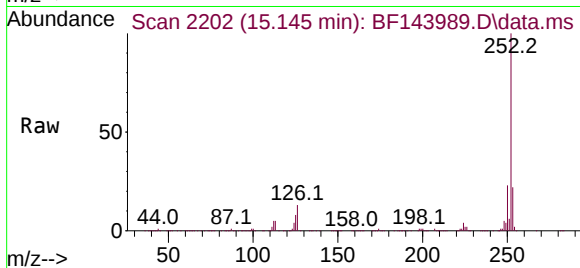
125 8.3 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#90

Benzo(a)pyrene

Concen: 61.497 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

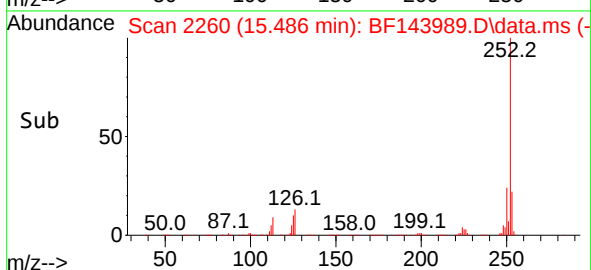
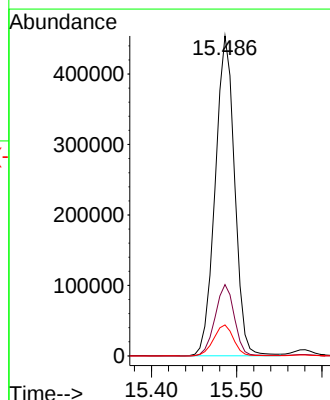
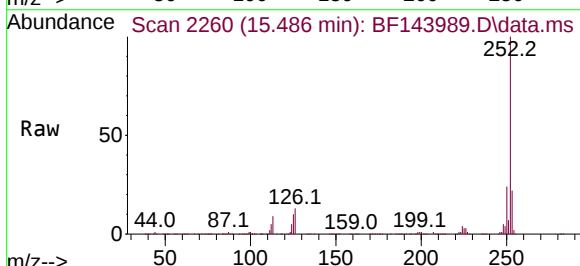
Tgt Ion:252 Resp: 717939

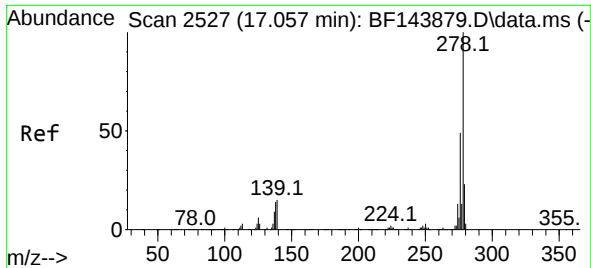
Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

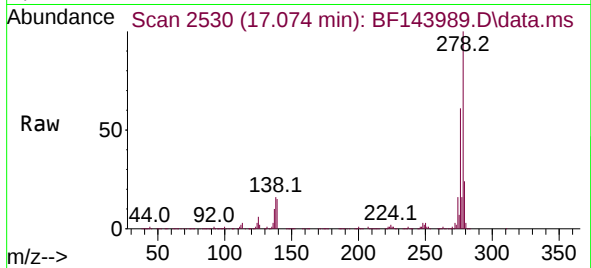
125 9.7 7.0 10.4





#91
Dibenzo(a,h)anthracene
Concen: 60.293 ng
RT: 17.074 min Scan# 2527
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

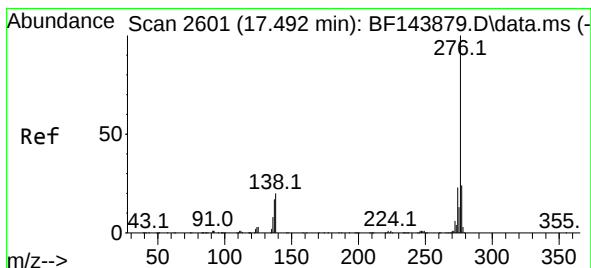
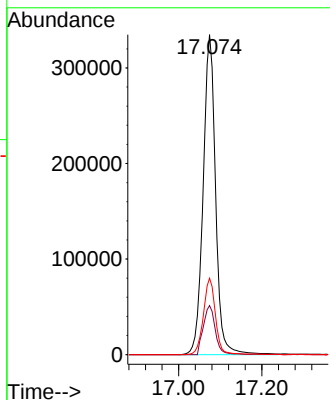
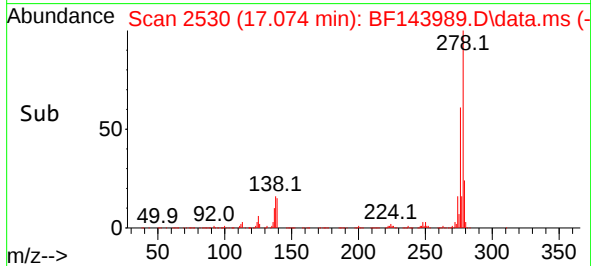
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:278 Resp: 696410
Ion Ratio Lower Upper
278 100
139 15.3 11.7 17.5
279 23.9 18.4 27.6

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#92
Benzo(g,h,i)perylene
Concen: 58.585 ng
RT: 17.510 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion:276 Resp: 676691
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.6
138 22.3 16.1 24.1

