

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071525\
 Data File : BF143097.D
 Acq On : 15 Jul 2025 15:05
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/16/2025
 Supervised By :Jagrut Upadhyay 07/16/2025

Quant Time: Jul 15 17:40:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 15 17:08:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	123440	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	466428	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	227730	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	369241	20.000	ng	0.00
76) Chrysene-d12	14.127	240	192349	20.000	ng	0.00
86) Perylene-d12	15.639	264	226517	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	619840	79.335	ng	0.00
7) Phenol-d6	6.587	99	772641	78.673	ng	0.00
23) Nitrobenzene-d5	7.528	82	694498m	83.526	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	170969	84.198	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1326482	77.428	ng	0.00
79) Terphenyl-d14	13.074	244	1033540	78.547	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.810	88	154739	39.787	ng	100
3) Pyridine	3.581	79	393514	39.957	ng	100
4) n-Nitrosodimethylamine	3.522	42	201552	39.500	ng	100
6) Aniline	6.628	93	544405	39.365	ng	100
8) 2-Chlorophenol	6.751	128	314192	40.025	ng	100
9) Benzaldehyde	6.516	77	358216	47.869	ng	100
10) Phenol	6.598	94	421819m	39.676	ng	
11) bis(2-Chloroethyl)ether	6.698	93	323129	39.260	ng	100
12) 1,3-Dichlorobenzene	6.910	146	349154	39.371	ng	100
13) 1,4-Dichlorobenzene	6.987	146	348706	39.084	ng	100
14) 1,2-Dichlorobenzene	7.140	146	336818	39.587	ng	100
15) Benzyl Alcohol	7.098	79	288056	39.585	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.239	45	593735	39.134	ng	100
17) 2-Methylphenol	7.204	107	267472	39.484	ng	100
18) Hexachloroethane	7.487	117	116640	40.159	ng	100
19) n-Nitroso-di-n-propyla...	7.375	70	237958	39.549	ng	100
20) 3+4-Methylphenols	7.363	107	334719	40.291	ng	100
22) Acetophenone	7.375	105	437447	38.906	ng	100
24) Nitrobenzene	7.545	77	332013	41.364	ng	100
25) Isophorone	7.787	82	632327	39.346	ng	100
26) 2-Nitrophenol	7.863	139	112314	36.079	ng	100
27) 2,4-Dimethylphenol	7.892	122	298241	39.984	ng	100
28) bis(2-Chloroethoxy)met...	7.992	93	381576	39.155	ng	100
29) 2,4-Dichlorophenol	8.098	162	248676	40.752	ng	100
30) 1,2,4-Trichlorobenzene	8.192	180	274944	39.701	ng	100
31) Naphthalene	8.275	128	900967	38.898	ng	100
32) Benzoic acid	7.987	122	133968m	37.684	ng	
33) 4-Chloroaniline	8.310	127	371249	39.858	ng	100
34) Hexachlorobutadiene	8.392	225	165576	39.978	ng	100
35) Caprolactam	8.669	113	77472	40.657	ng	100
36) 4-Chloro-3-methylphenol	8.786	107	272885	40.145	ng	100
37) 2-Methylnaphthalene	8.963	142	540844	39.141	ng	100
38) 1-Methylnaphthalene	9.063	142	562696	39.263	ng	100
40) 1,2,4,5-Tetrachloroben...	9.128	216	263160	39.653	ng	100
41) Hexachlorocyclopentadiene	9.122	237	147221	40.011	ng	100
43) 2,4,6-Trichlorophenol	9.233	196	171419	41.569	ng	100

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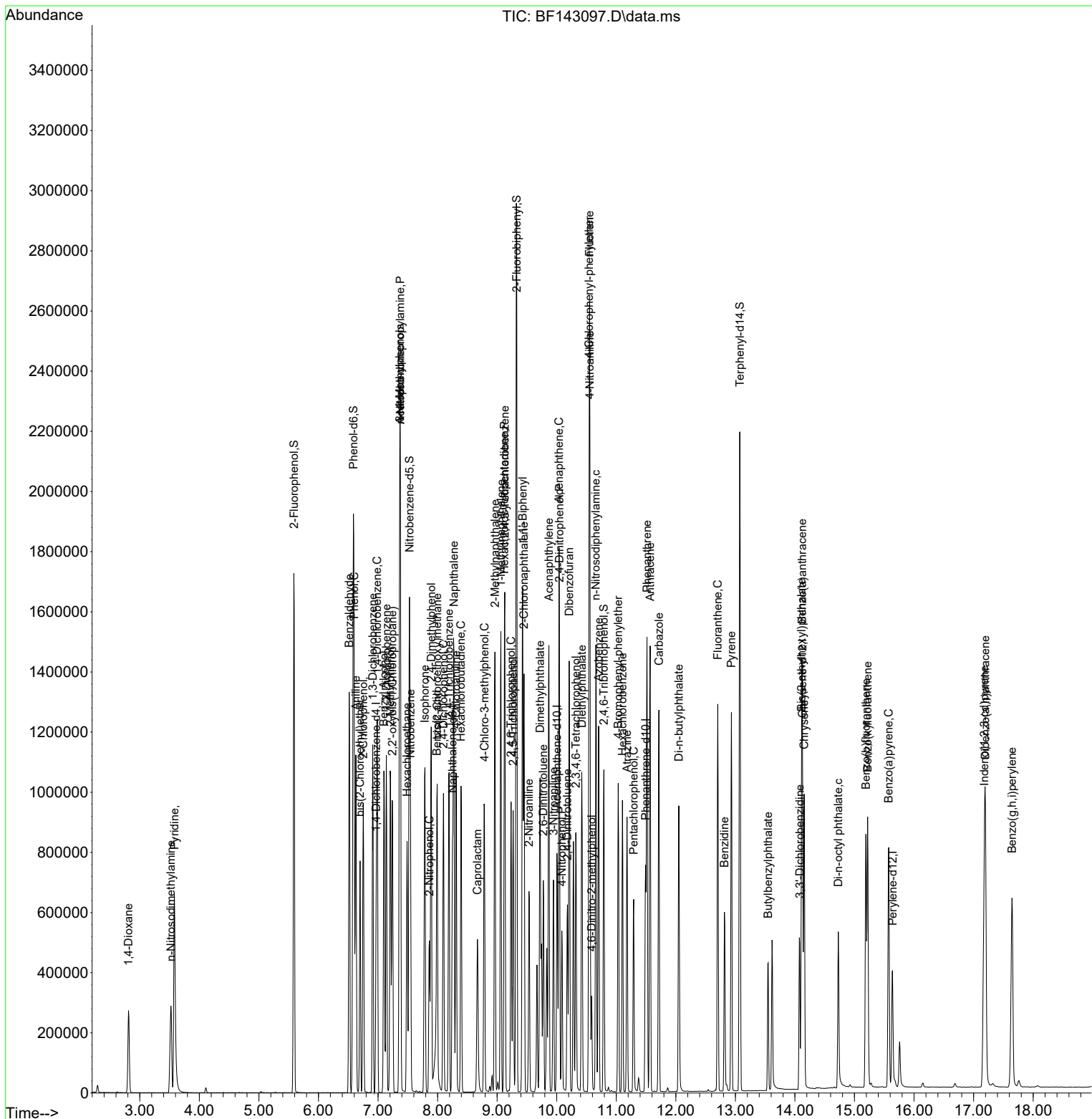
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	179101	41.422	ng	100
46) 1,1'-Biphenyl	9.428	154	713513	39.288	ng	100
47) 2-Chloronaphthalene	9.451	162	527800	39.561	ng	100
48) 2-Nitroaniline	9.533	65	149322	38.182	ng	100
49) Acenaphthylene	9.869	152	892054	40.126	ng	100
50) Dimethylphthalate	9.722	163	572658	39.971	ng	100
51) 2,6-Dinitrotoluene	9.775	165	106468	38.213	ng	100
52) Acenaphthene	10.039	154	513370	39.131	ng	100
53) 3-Nitroaniline	9.945	138	130953	42.301	ng	100
54) 2,4-Dinitrophenol	10.045	184	31236	37.582	ng	100
55) Dibenzofuran	10.210	168	772862	39.524	ng	100
56) 4-Nitrophenol	10.086	139	101948	41.436	ng	100
57) 2,4-Dinitrotoluene	10.180	165	134243	38.682	ng	100
58) Fluorene	10.551	166	567511	38.710	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	142027	41.334	ng	100
60) Diethylphthalate	10.422	149	557712	40.349	ng	100
61) 4-Chlorophenyl-phenyle...	10.545	204	279817	39.822	ng	100
62) 4-Nitroaniline	10.557	138	113355	42.106	ng	100
63) Azobenzene	10.704	77	604710	39.558	ng	100
65) 4,6-Dinitro-2-methylph...	10.586	198	47349	37.223	ng	100
66) n-Nitrosodiphenylamine	10.657	169	503590	38.827	ng	100
67) 4-Bromophenyl-phenylether	11.033	248	164133	39.088	ng	100
68) Hexachlorobenzene	11.104	284	173911	39.034	ng	100
69) Atrazine	11.180	200	133416	40.206	ng	100
70) Pentachlorophenol	11.292	266	97625	39.938	ng	100
71) Phenanthrene	11.516	178	769372	38.609	ng	100
72) Anthracene	11.569	178	780754	38.961	ng	100
73) Carbazole	11.716	167	692468	38.572	ng	100
74) Di-n-butylphthalate	12.051	149	680394	41.288	ng	100
75) Fluoranthene	12.704	202	708736	39.115	ng	100
77) Benzidine	12.816	184	321029	48.989	ng	100
78) Pyrene	12.933	202	708631	39.706	ng	100
80) Butylbenzylphthalate	13.551	149	132061	37.625	ng	100
81) Benzo(a)anthracene	14.121	228	518137	40.424	ng	100
82) 3,3'-Dichlorobenzidine	14.080	252	148294	39.841	ng	100
83) Chrysene	14.157	228	461979	39.134	ng	100
84) Bis(2-ethylhexyl)phtha...	14.110	149	198176	37.454	ng	100
85) Di-n-octyl phthalate	14.727	149	354747	36.531	ng	100
87) Indeno(1,2,3-cd)pyrene	17.180	276	689277	40.912	ng	100
88) Benzo(b)fluoranthene	15.192	252	490240	37.520	ng	100
89) Benzo(k)fluoranthene	15.221	252	520058	41.721	ng	100
90) Benzo(a)pyrene	15.574	252	509307	41.215	ng	100
91) Dibenzo(a,h)anthracene	17.198	278	561661	40.782	ng	100
92) Benzo(g,h,i)perylene	17.645	276	569850	40.584	ng	100

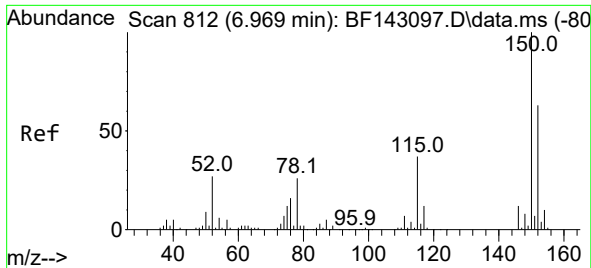
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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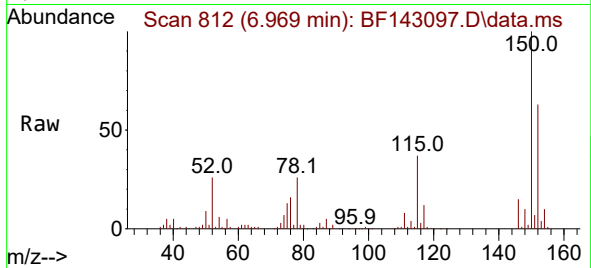
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.969 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF143097.D
 Acq: 15 Jul 2025 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



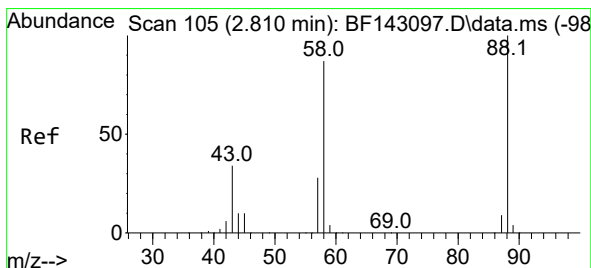
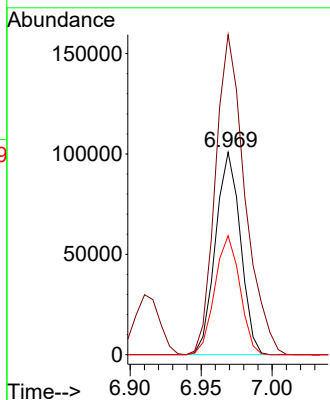
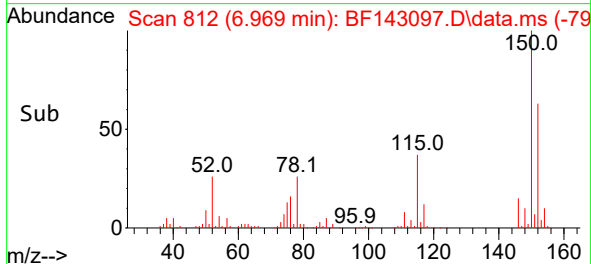
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 Ion Ratio Lower Upper
 152 100
 150 158.1 126.5 189.7
 115 58.8 47.0 70.6

Manual Integrations

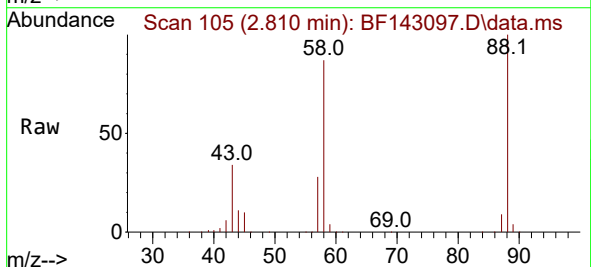
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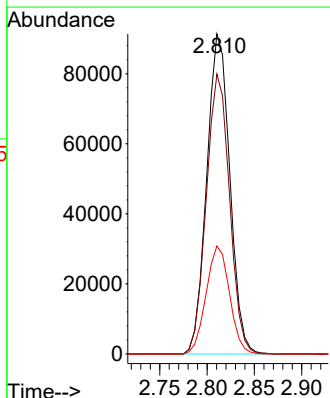
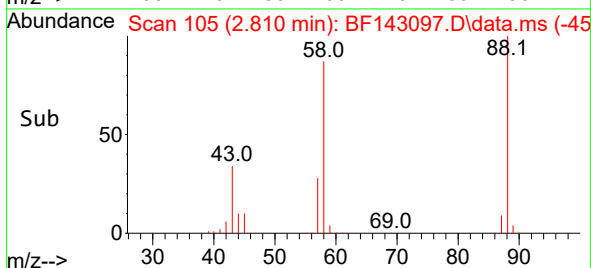
Supervised By :Jagrut Upadhyay 07/16/2025

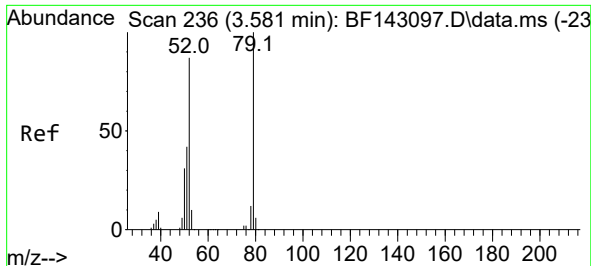


#2
 1,4-Dioxane
 Concen: 39.787 ng
 RT: 2.810 min Scan# 105
 Delta R.T. 0.000 min
 Lab File: BF143097.D
 Acq: 15 Jul 2025 15:05



Tgt Ion: 88 Resp: 154739
 Ion Ratio Lower Upper
 88 100
 58 88.1 70.5 105.7
 43 34.1 27.3 40.9





#3

Pyridine

Concen: 39.957 ng

RT: 3.581 min Scan# 236

Delta R.T. 0.000 min

Lab File: BF143097.D

Acq: 15 Jul 2025 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 79 Resp: 393514

Ion Ratio Lower Upper

79 100

52 86.5 69.2 103.8

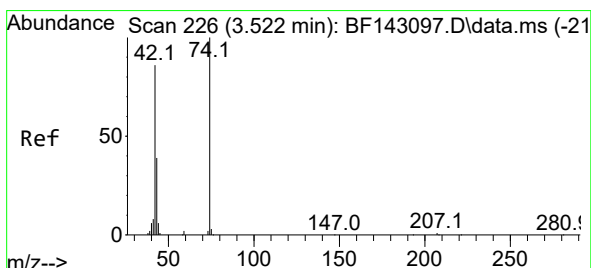
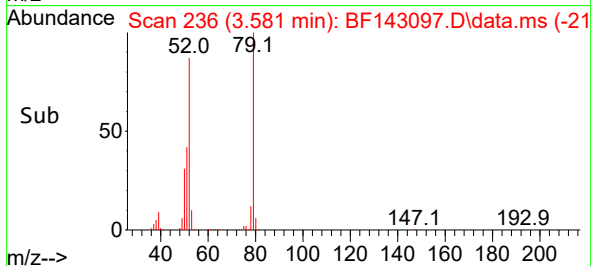
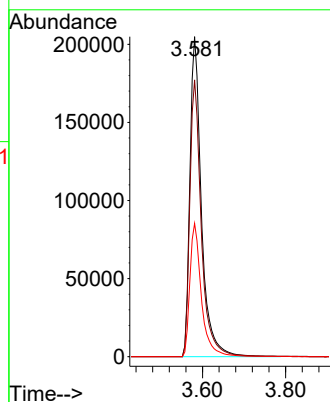
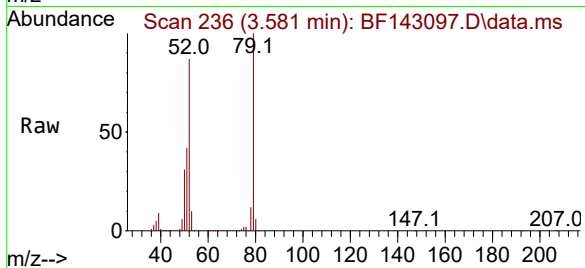
51 41.6 33.3 49.9

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#4

n-Nitrosodimethylamine

Concen: 39.500 ng

RT: 3.522 min Scan# 226

Delta R.T. 0.000 min

Lab File: BF143097.D

Acq: 15 Jul 2025 15:05

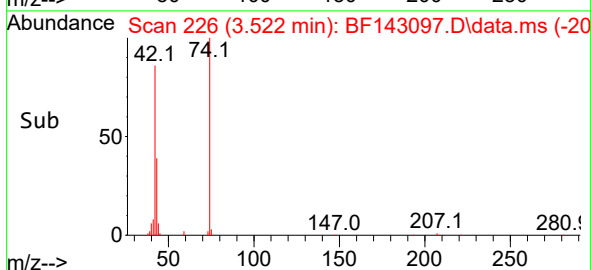
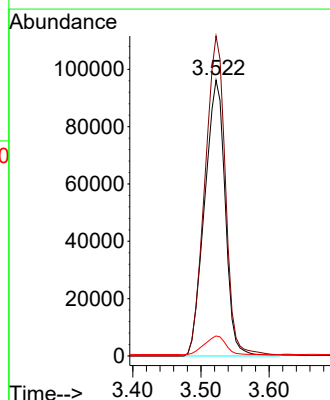
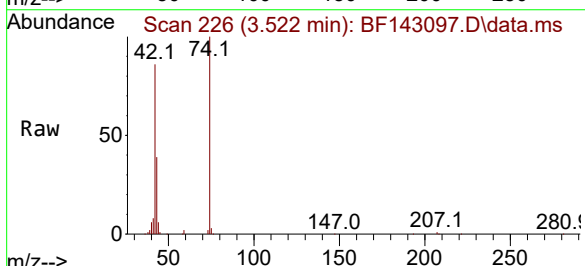
Tgt Ion: 42 Resp: 201552

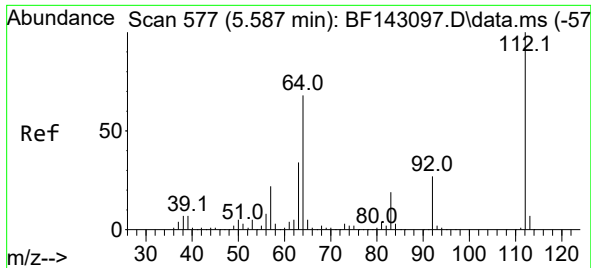
Ion Ratio Lower Upper

42 100

74 116.0 92.8 139.2

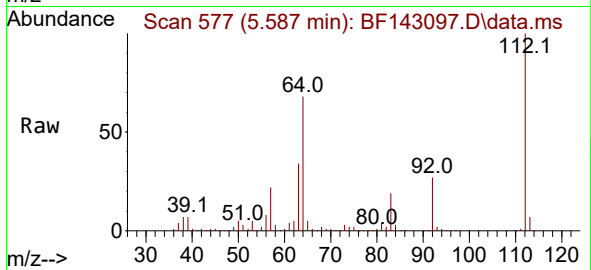
44 7.2 5.8 8.6





#5
2-Fluorophenol
Concen: 79.335 ng
RT: 5.587 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

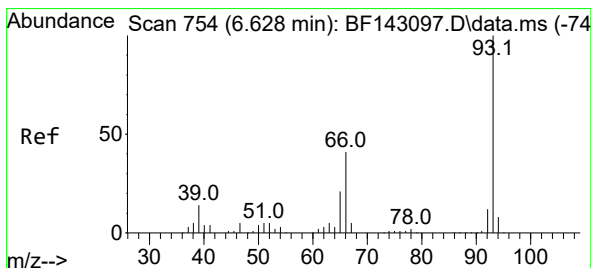
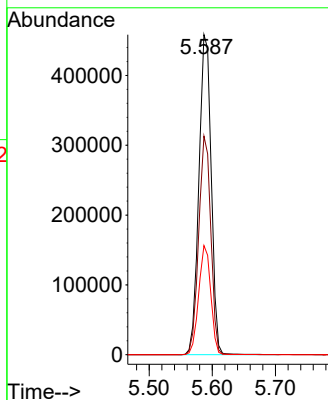
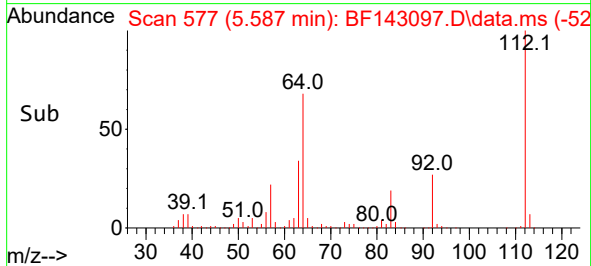
Instrument :
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Tgt Ion:112 Resp: 619840
Ion Ratio Lower Upper
112 100
64 68.3 54.6 82.0
63 34.1 27.3 40.9

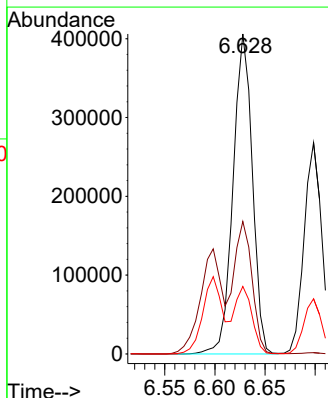
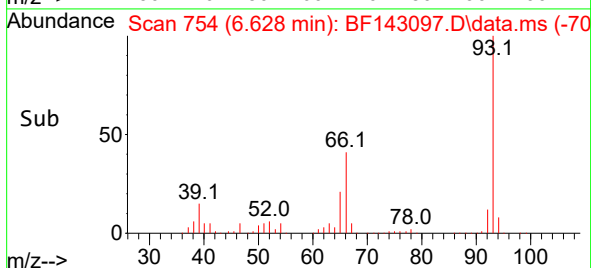
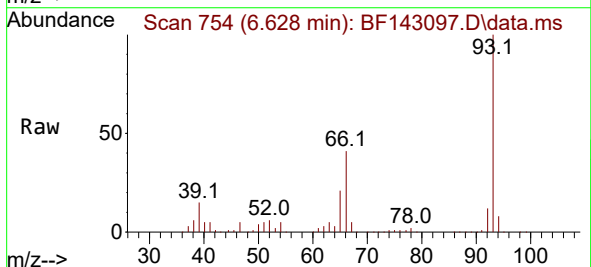
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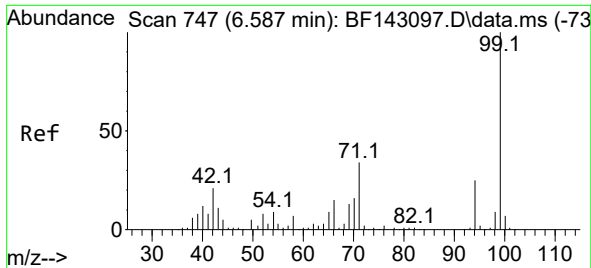
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#6
Aniline
Concen: 39.365 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

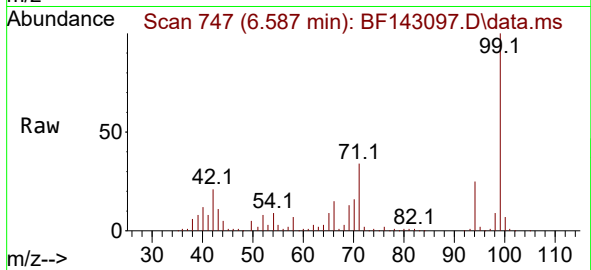
Tgt Ion: 93 Resp: 544405
Ion Ratio Lower Upper
93 100
66 41.4 33.1 49.7
65 21.1 16.9 25.3





#7
Phenol-d6
Concen: 78.673 ng
RT: 6.587 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

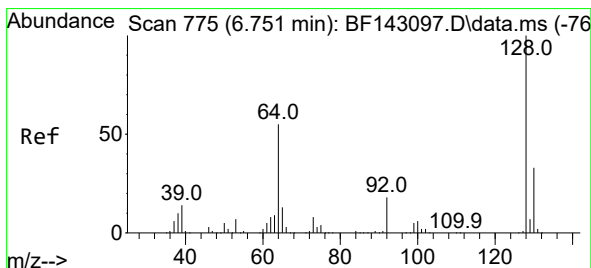
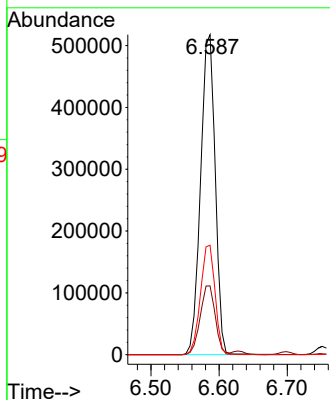
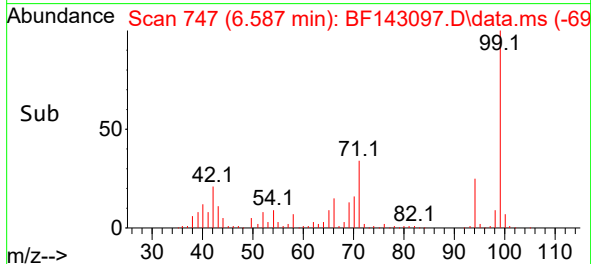
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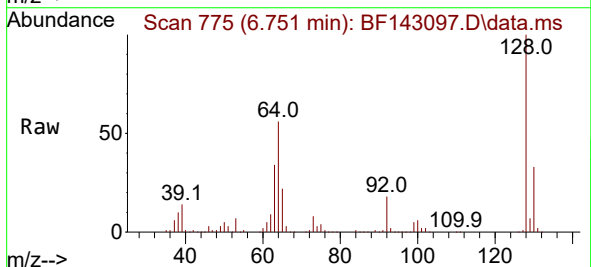
Tgt Ion: 99 Resp: 77264
Ion Ratio Lower Upper
99 100
42 21.5 17.2 25.8
71 34.2 27.4 41.0

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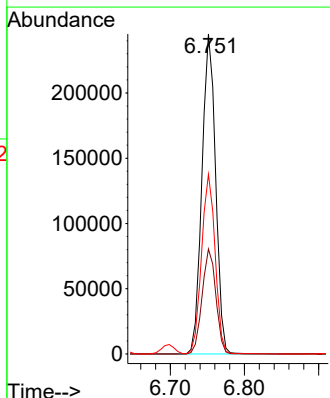
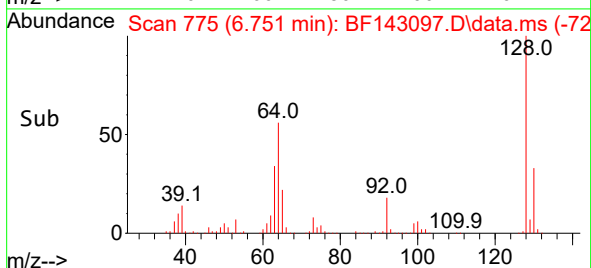
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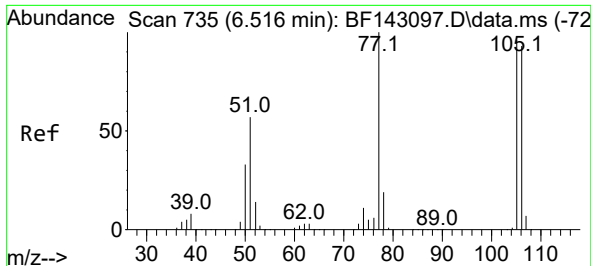


#8
2-Chlorophenol
Concen: 40.025 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05



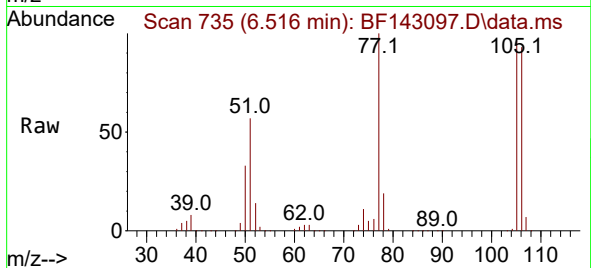
Tgt Ion:128 Resp: 314192
Ion Ratio Lower Upper
128 100
130 32.8 12.8 52.8
64 56.1 36.1 76.1





#9
Benzaldehyde
Concen: 47.869 ng
RT: 6.516 min Scan# 735
Delta R.T. 0.000 min
Lab File: BF143097.D
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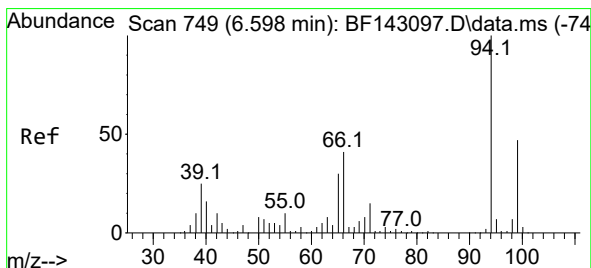
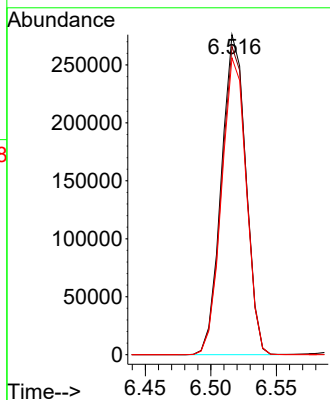
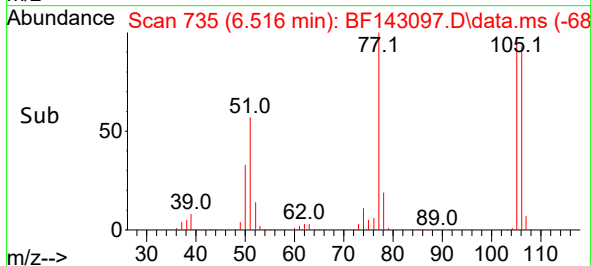
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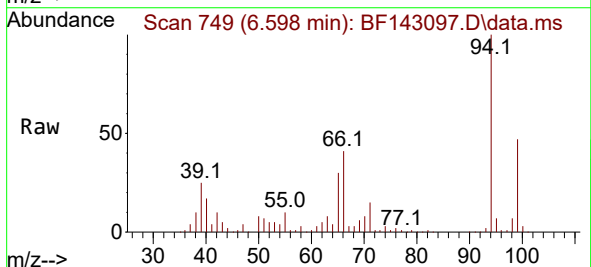
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Ion Ratio Lower Upper
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105 96.3 76.3 116.3
106 92.8 72.8 112.8

Manual Integrations
APPROVED

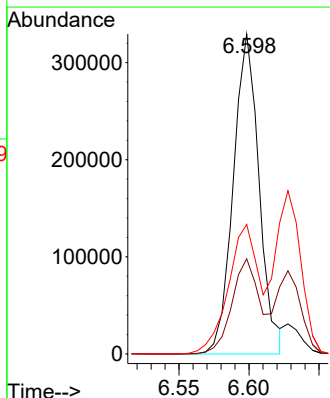
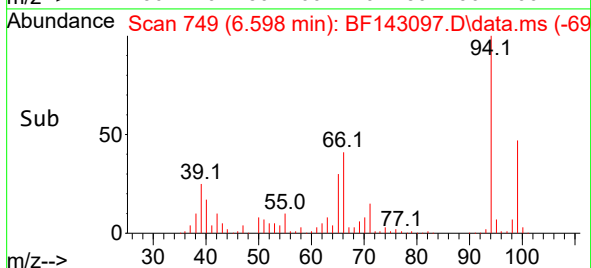
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

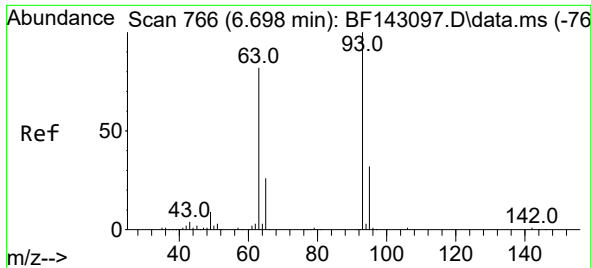


#10
Phenol
Concen: 39.676 ng m
RT: 6.598 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05



Tgt Ion: 94 Resp: 421819
Ion Ratio Lower Upper
94 100
65 29.8 9.8 49.8
66 40.5 20.5 60.5





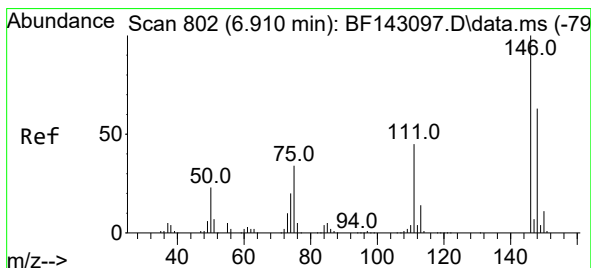
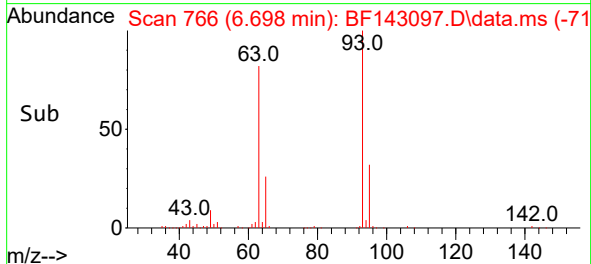
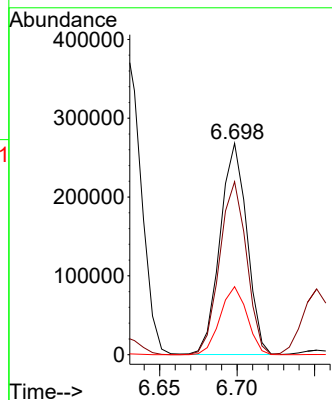
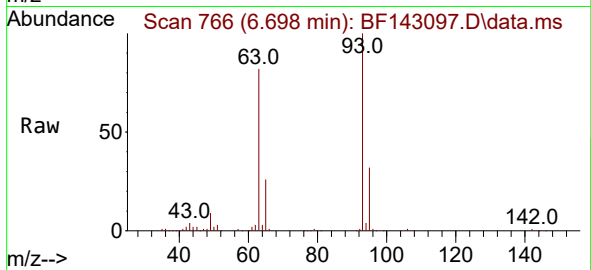
#11
bis(2-Chloroethyl)ether
Concen: 39.260 ng
RT: 6.698 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 323129
Ion Ratio Lower Upper
93 100
63 81.9 61.9 101.9
95 32.2 12.2 52.2

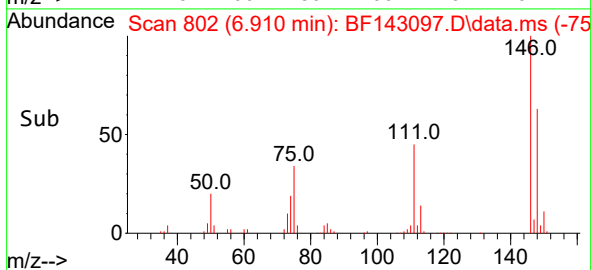
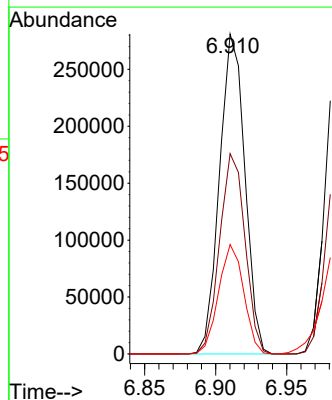
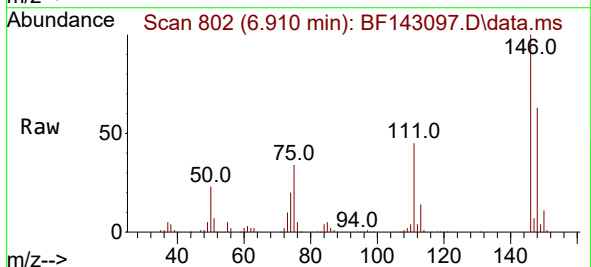
Manual Integrations
APPROVED

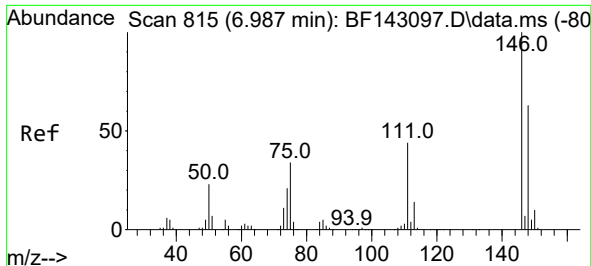
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025



#12
1,3-Dichlorobenzene
Concen: 39.371 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:146 Resp: 349154
Ion Ratio Lower Upper
146 100
148 62.6 50.1 75.1
75 34.2 27.4 41.0





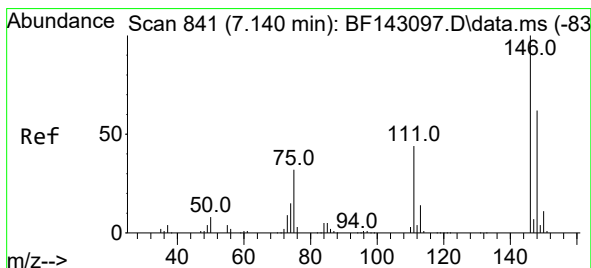
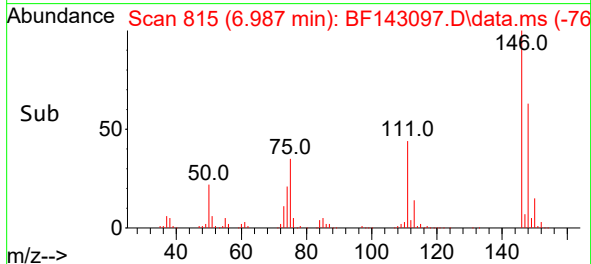
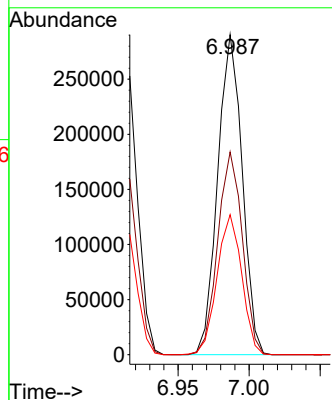
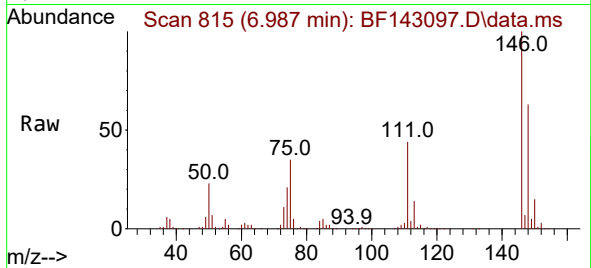
#13
1,4-Dichlorobenzene
Concen: 39.084 ng
RT: 6.987 min Scan# 815
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:146 Resp: 348700
Ion Ratio Lower Upper
146 100
148 63.3 50.6 76.0
111 43.8 35.0 52.6

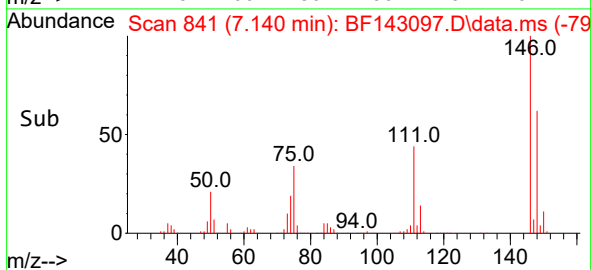
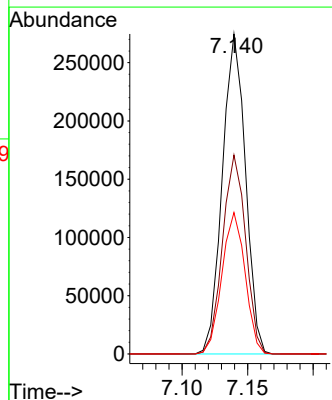
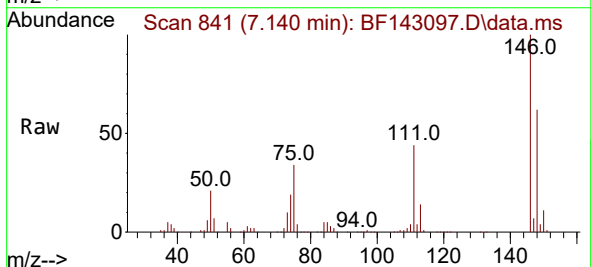
Manual Integrations
APPROVED

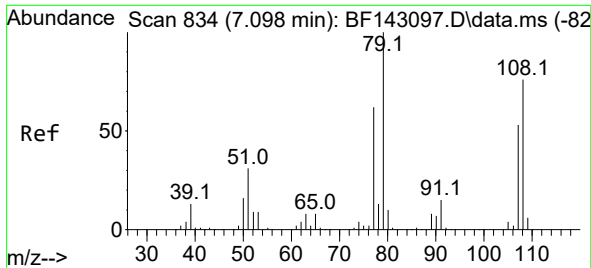
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025



#14
1,2-Dichlorobenzene
Concen: 39.587 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

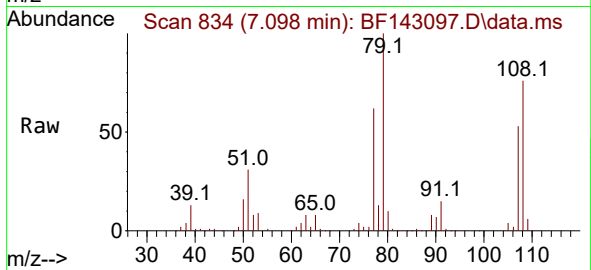
Tgt Ion:146 Resp: 336818
Ion Ratio Lower Upper
146 100
148 62.2 49.8 74.6
111 44.2 35.4 53.0





#15
Benzyl Alcohol
Concen: 39.585 ng
RT: 7.098 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

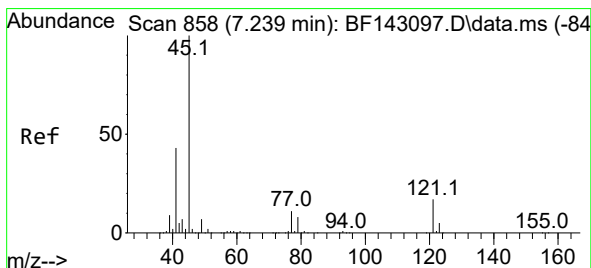
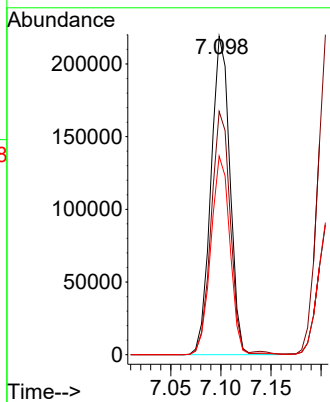
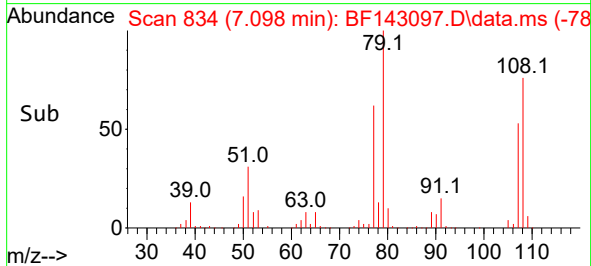
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion: 79 Resp: 288056
Ion Ratio Lower Upper
79 100
108 76.4 61.1 91.7
77 62.4 49.9 74.9

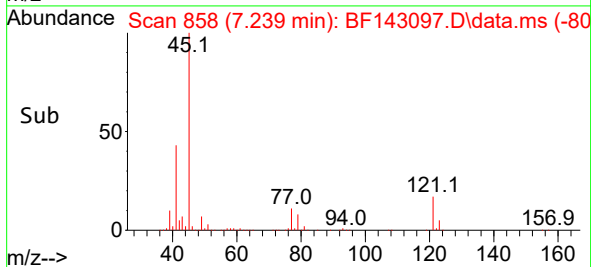
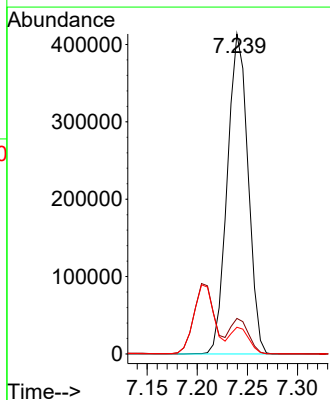
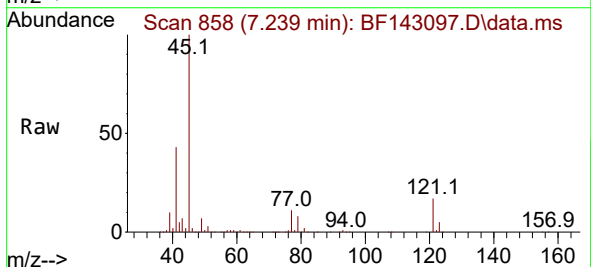
Manual Integrations
APPROVED

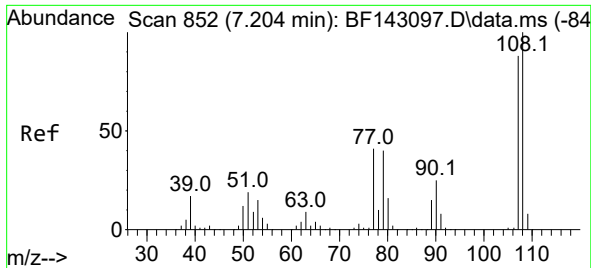
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.134 ng
RT: 7.239 min Scan# 858
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion: 45 Resp: 593735
Ion Ratio Lower Upper
45 100
77 11.1 0.0 31.1
79 8.4 0.0 28.4





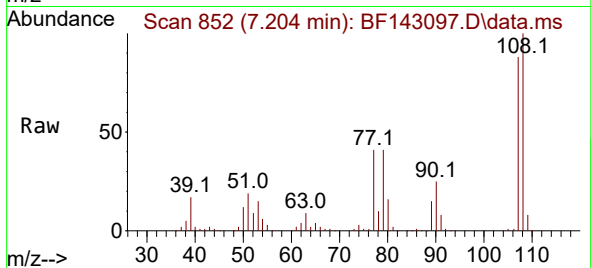
#17
2-Methylphenol
Concen: 39.484 ng
RT: 7.204 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



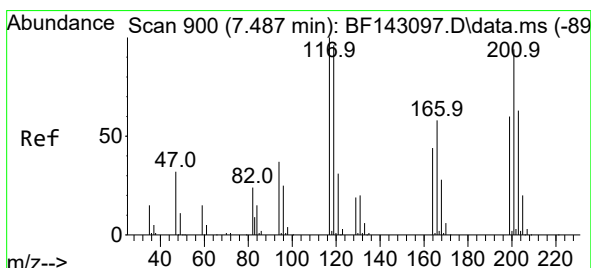
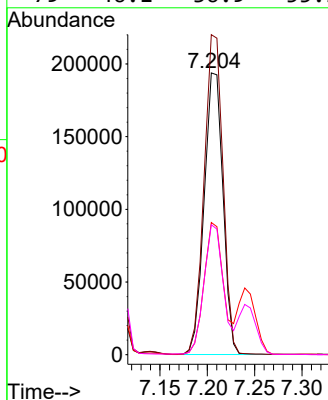
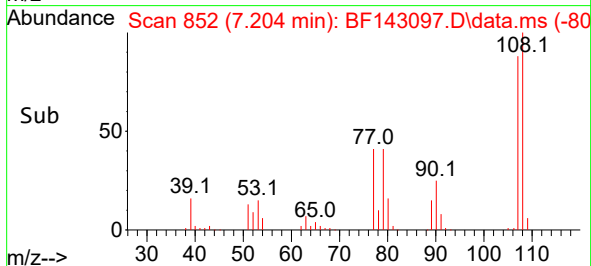
Tgt Ion:107 Resp: 267472
Ion Ratio Lower Upper
107 100
108 113.6 90.9 136.3
77 46.9 37.5 56.3
79 46.1 36.9 55.3

Manual Integrations

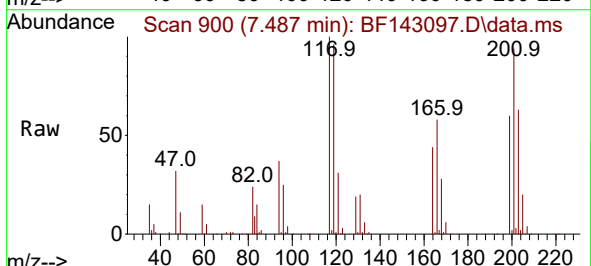
APPROVED

Reviewed By :Rahul Chavli 07/16/2025

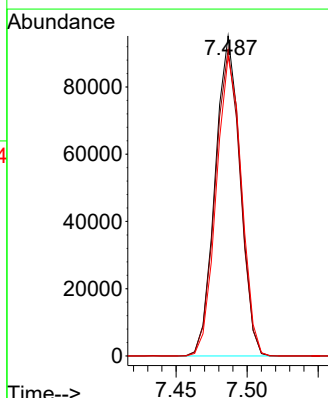
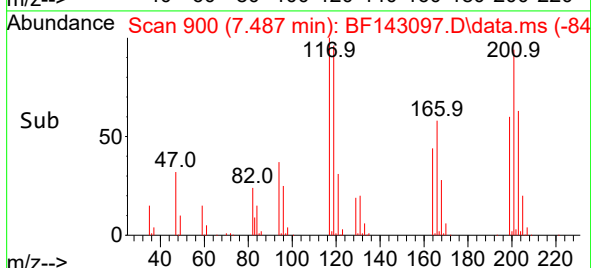
Supervised By :Jagrut Upadhyay 07/16/2025

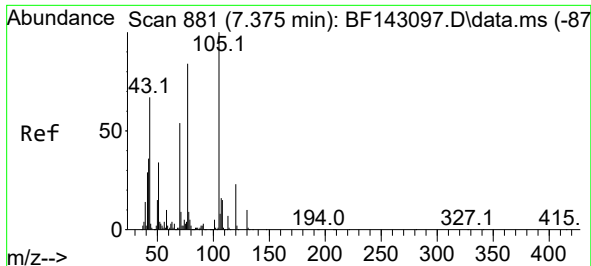


#18
Hexachloroethane
Concen: 40.159 ng
RT: 7.487 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05



Tgt Ion:117 Resp: 116640
Ion Ratio Lower Upper
117 100
119 95.9 76.7 115.1
201 93.7 75.0 112.4





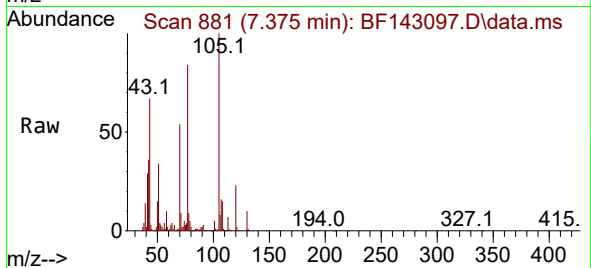
#19
n-Nitroso-di-n-propylamine
Concen: 39.549 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



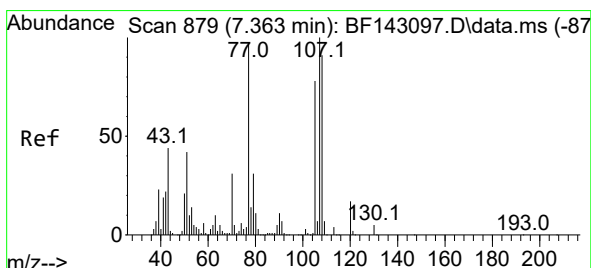
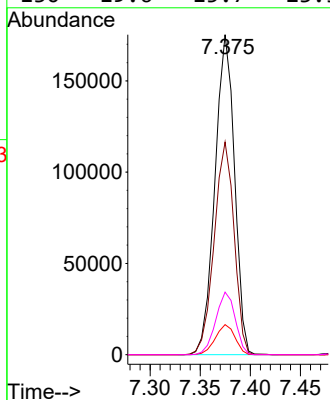
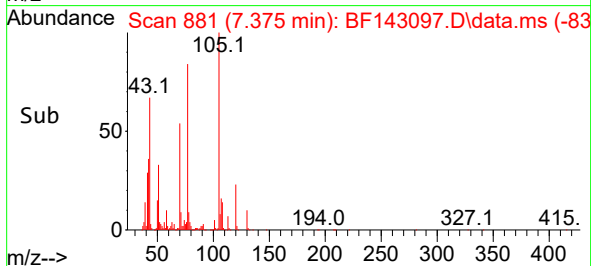
Tgt Ion: 70 Resp: 237958
Ion Ratio Lower Upper
70 100
42 66.5 53.2 79.8
101 9.4 7.5 11.3
130 19.6 15.7 23.5

Manual Integrations

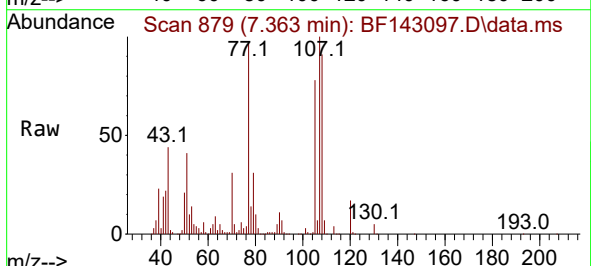
APPROVED

Reviewed By :Rahul Chavli 07/16/2025

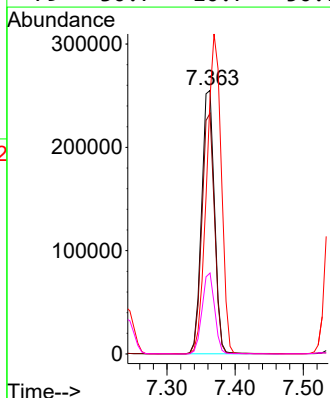
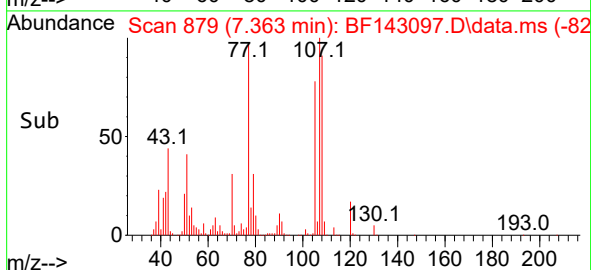
Supervised By :Jagrut Upadhyay 07/16/2025

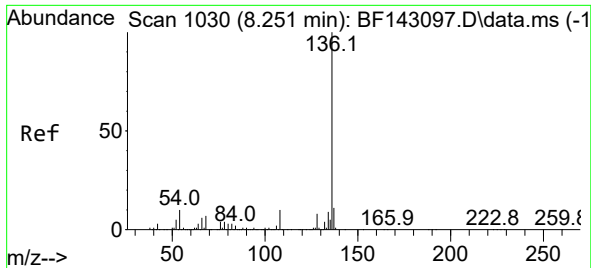


#20
3+4-Methylphenols
Concen: 40.291 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05



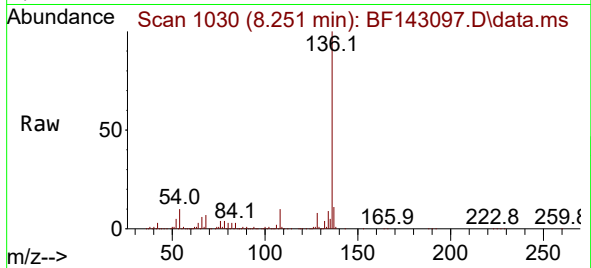
Tgt Ion:107 Resp: 334719
Ion Ratio Lower Upper
107 100
108 91.3 71.3 111.3
77 97.2 77.2 117.2
79 30.7 10.7 50.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

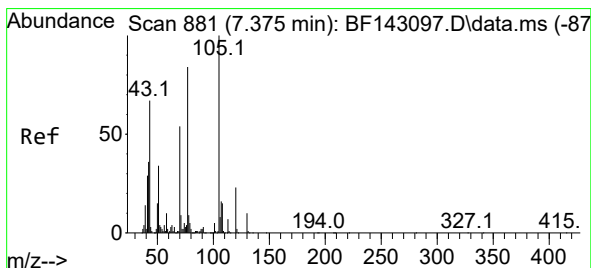
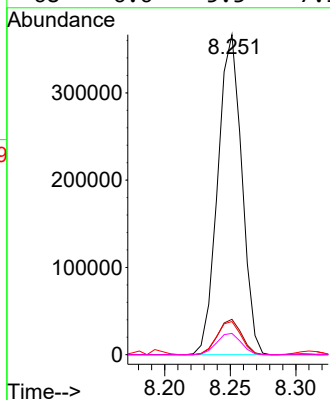
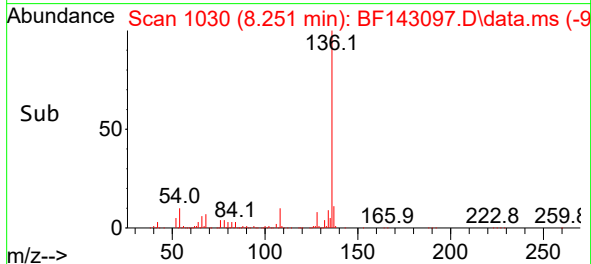
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:136 Resp: 466428
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 10.4 8.3 12.5
68 6.6 5.3 7.9

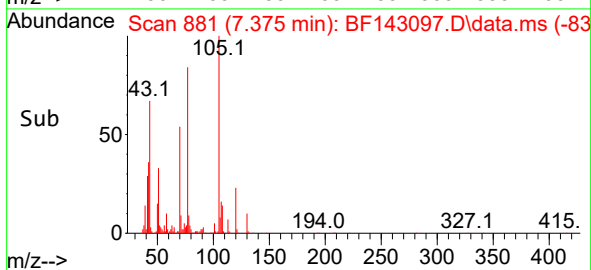
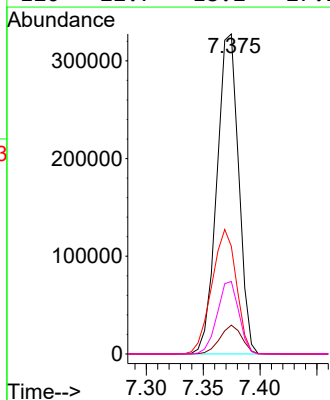
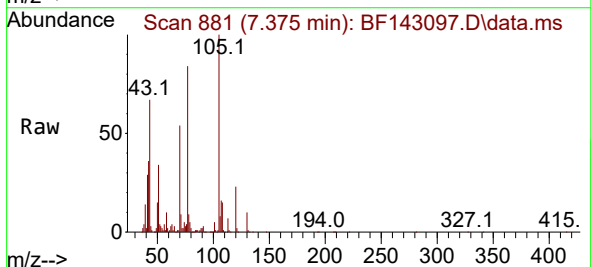
Manual Integrations
APPROVED

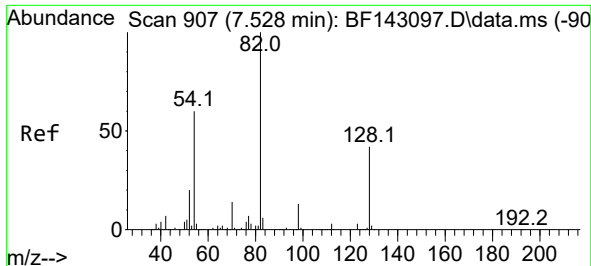
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025



#22
Acetophenone
Concen: 38.906 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:105 Resp: 437447
Ion Ratio Lower Upper
105 100
71 9.0 7.2 10.8
51 33.7 27.0 40.4
120 22.7 18.2 27.2





#23

Nitrobenzene-d5

Concen: 83.526 ng m

RT: 7.528 min Scan# 907

Delta R.T. 0.000 min

Lab File: BF143097.D

Acq: 15 Jul 2025 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

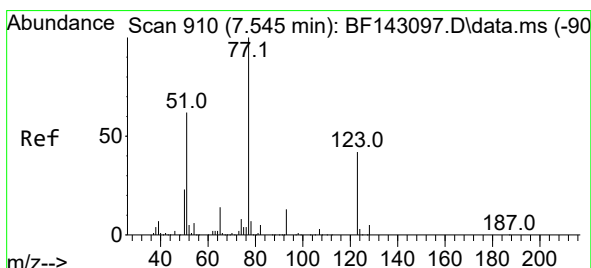
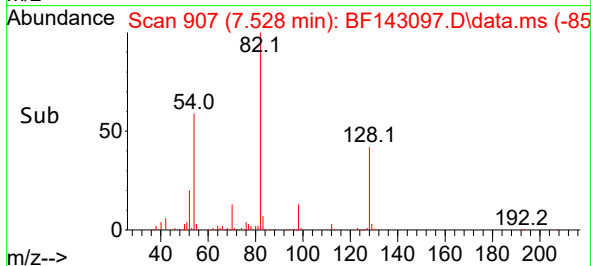
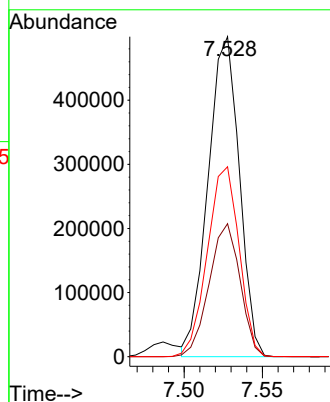
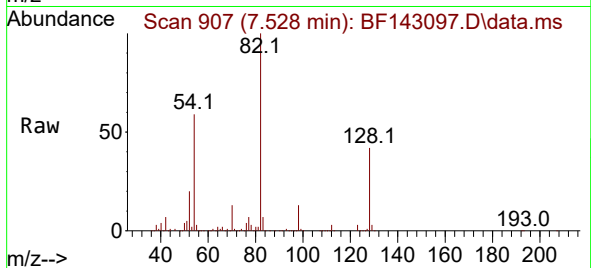
Tgt Ion: 82 Resp: 694498
 Ion Ratio Lower Upper
 82 100
 128 41.6 33.3 49.9
 54 59.3 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/16/2025

Supervised By :Jagrut Upadhyay 07/16/2025



#24

Nitrobenzene

Concen: 41.364 ng

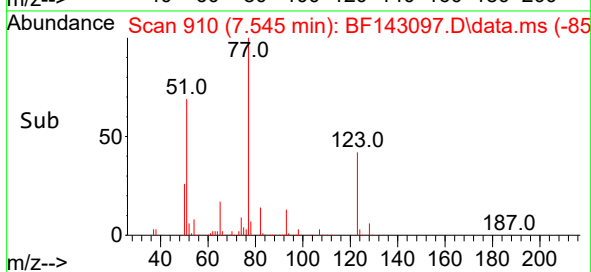
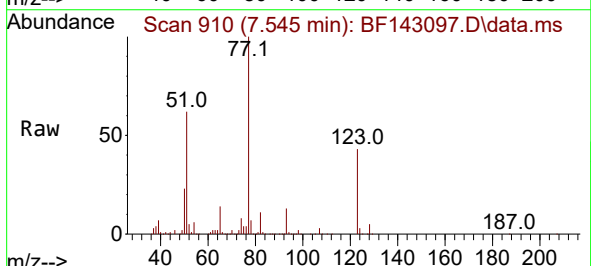
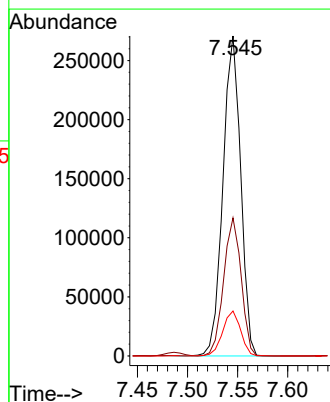
RT: 7.545 min Scan# 910

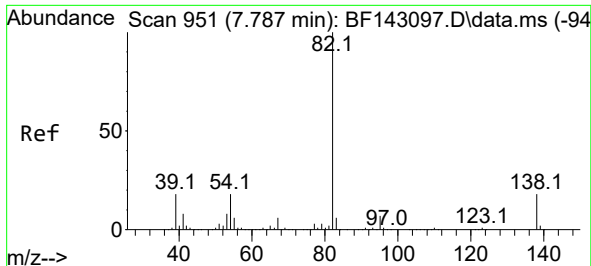
Delta R.T. 0.000 min

Lab File: BF143097.D

Acq: 15 Jul 2025 15:05

Tgt Ion: 77 Resp: 332013
 Ion Ratio Lower Upper
 77 100
 123 43.1 34.5 51.7
 65 14.1 11.3 16.9





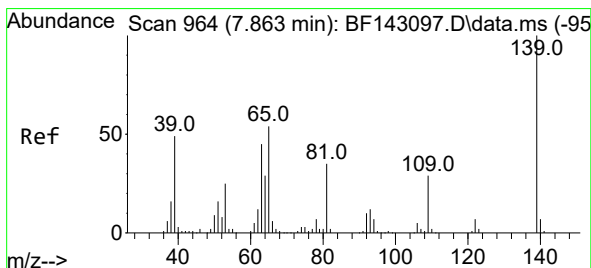
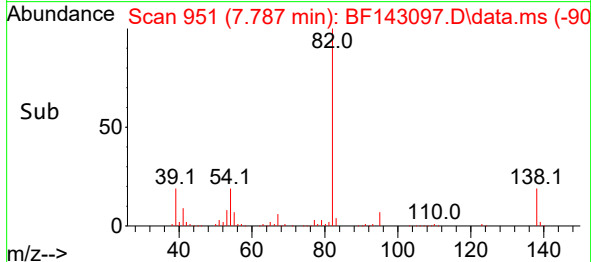
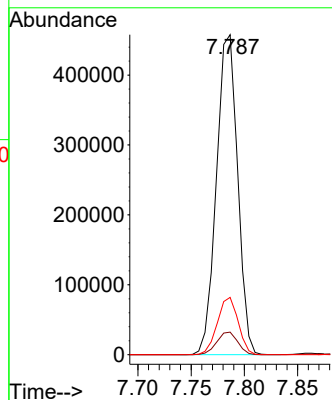
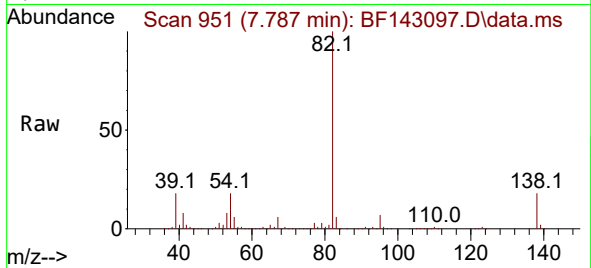
#25
Isophorone
Concen: 39.346 ng
RT: 7.787 min Scan# 951
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 63232
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 17.9 14.3 21.5

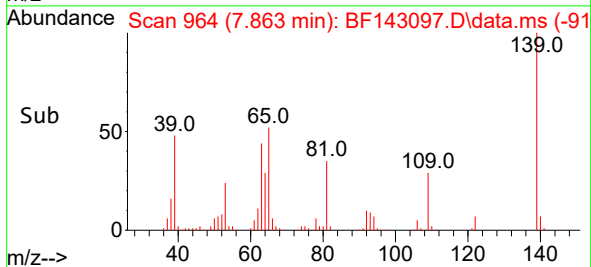
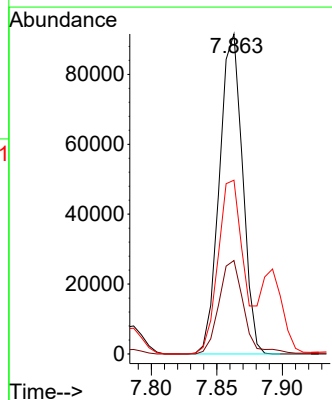
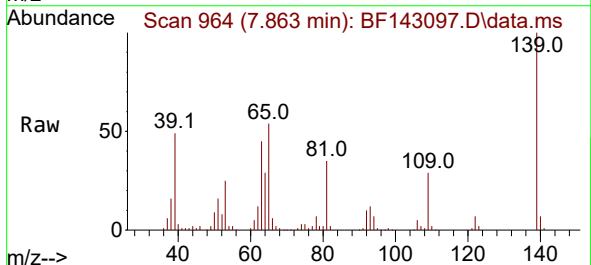
Manual Integrations
APPROVED

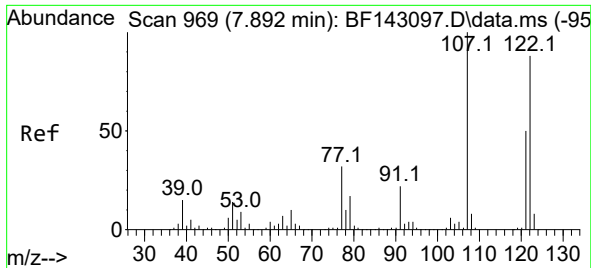
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025



#26
2-Nitrophenol
Concen: 36.079 ng
RT: 7.863 min Scan# 964
Delta R.T. -0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:139 Resp: 112314
Ion Ratio Lower Upper
139 100
109 29.2 23.4 35.0
65 54.3 43.4 65.2





#27

2,4-Dimethylphenol

Concen: 39.984 ng

RT: 7.892 min Scan# 969

Delta R.T. 0.000 min

Lab File: BF143097.D

Acq: 15 Jul 2025 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:122 Resp: 29824

Ion Ratio Lower Upper

122 100

107 114.1 91.3 136.9

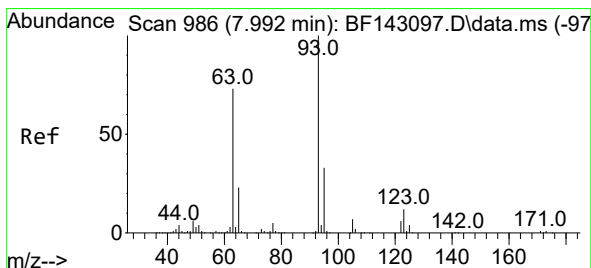
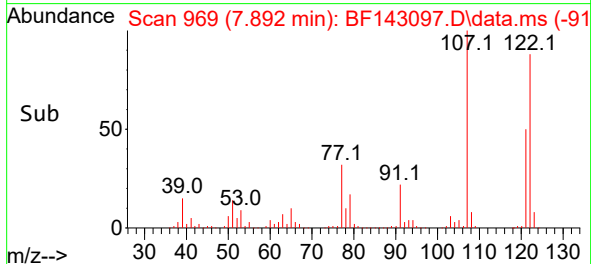
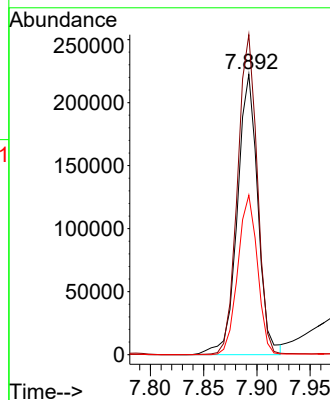
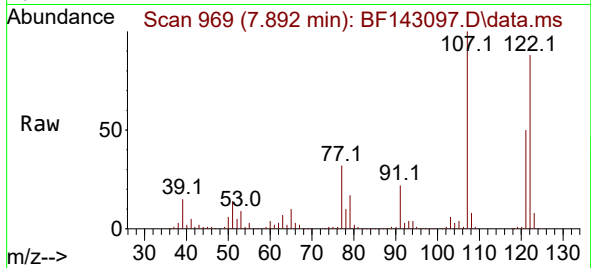
121 56.9 45.5 68.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/16/2025

Supervised By :Jagrut Upadhyay 07/16/2025



#28

bis(2-Chloroethoxy)methane

Concen: 39.155 ng

RT: 7.992 min Scan# 986

Delta R.T. 0.000 min

Lab File: BF143097.D

Acq: 15 Jul 2025 15:05

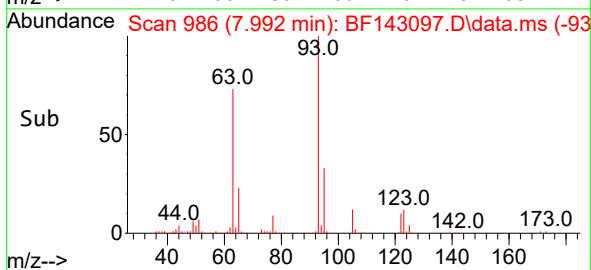
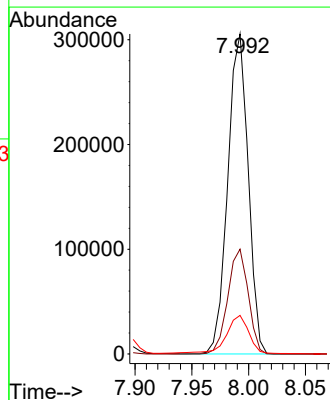
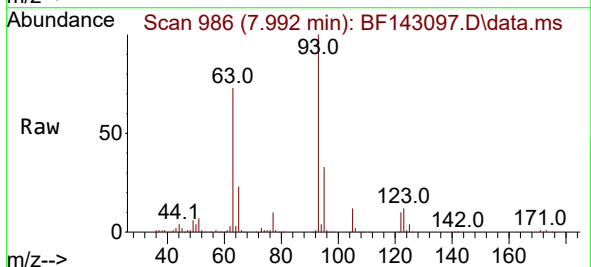
Tgt Ion: 93 Resp: 381576

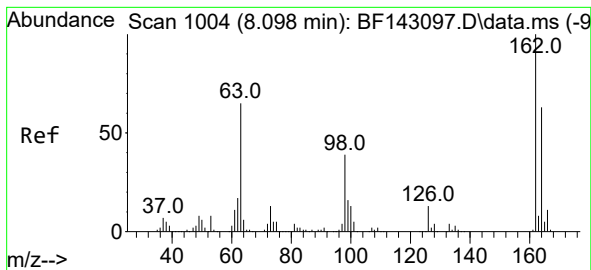
Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.4

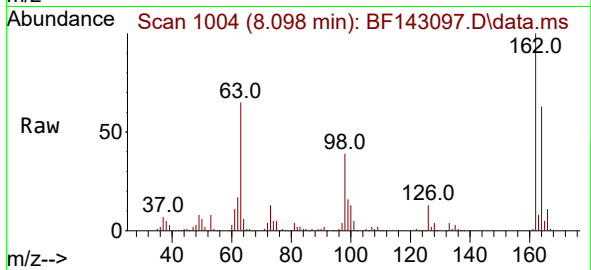
123 12.0 9.6 14.4





#29
2,4-Dichlorophenol
Concen: 40.752 ng
RT: 8.098 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

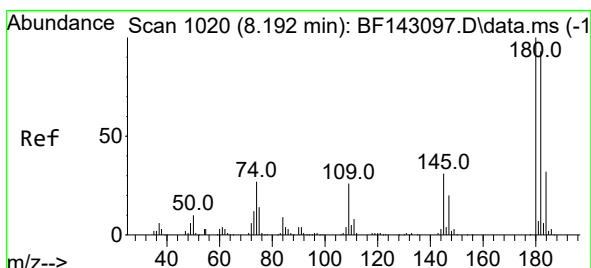
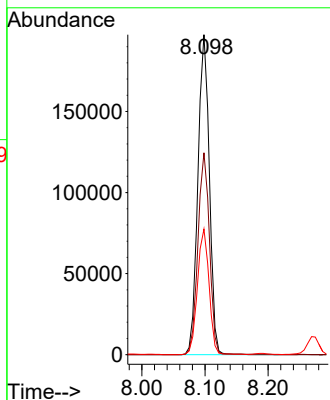
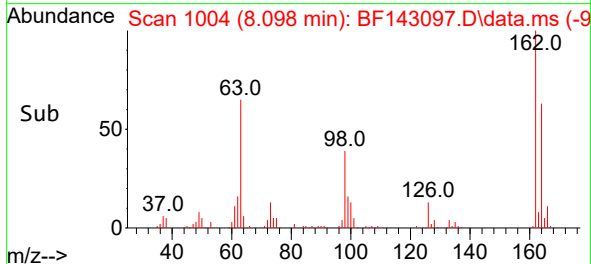
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:162 Resp: 248670
Ion Ratio Lower Upper
162 100
164 63.1 43.1 83.1
98 39.2 19.2 59.2

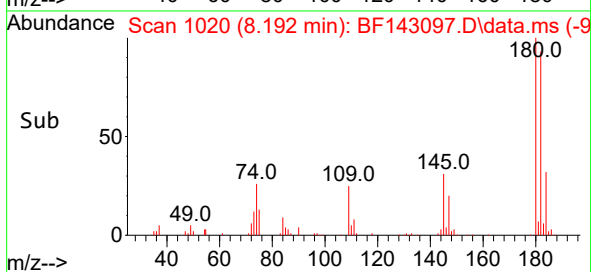
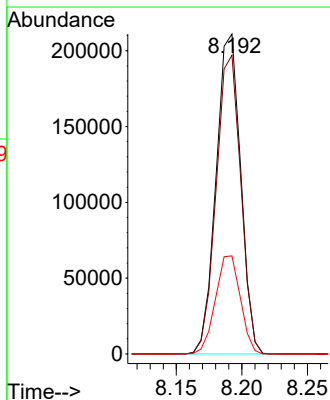
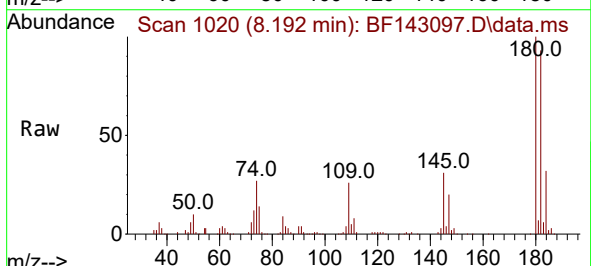
Manual Integrations
APPROVED

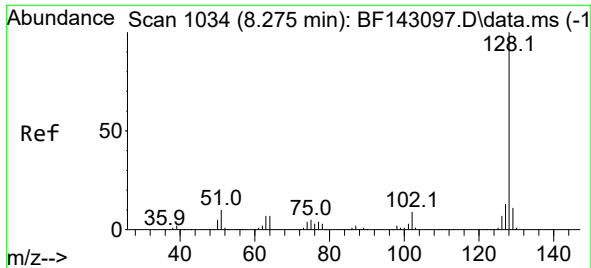
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025



#30
1,2,4-Trichlorobenzene
Concen: 39.701 ng
RT: 8.192 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

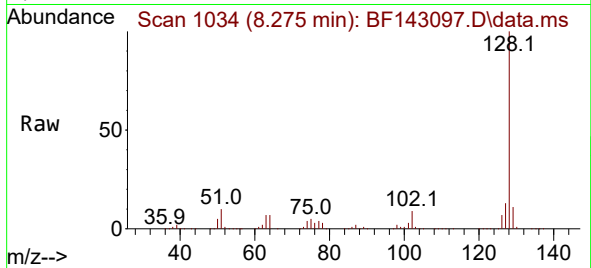
Tgt Ion:180 Resp: 274944
Ion Ratio Lower Upper
180 100
182 93.4 74.7 112.1
145 30.6 24.5 36.7





#31
Naphthalene
Concen: 38.898 ng
RT: 8.275 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

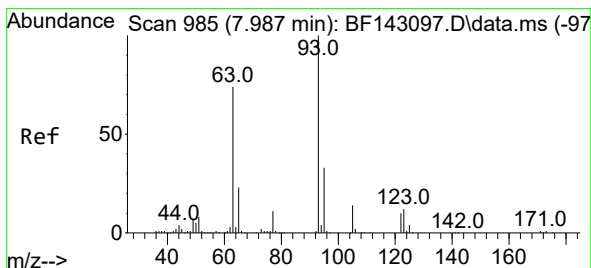
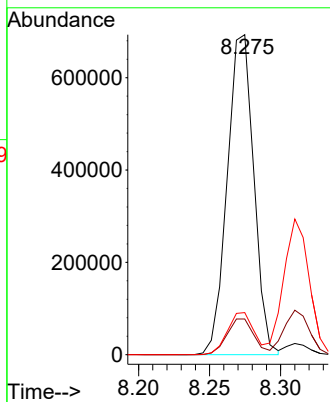
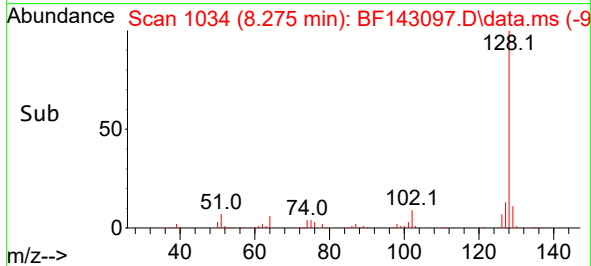
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:128 Resp: 90096
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.1 10.5 15.7

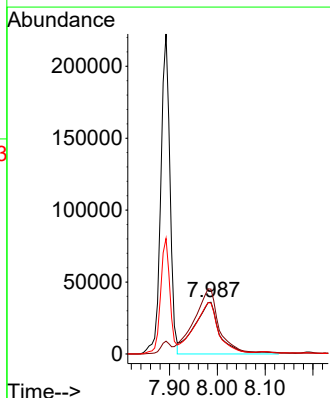
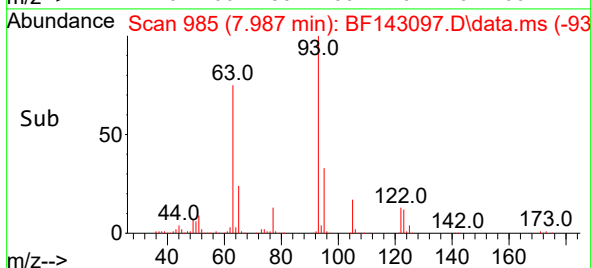
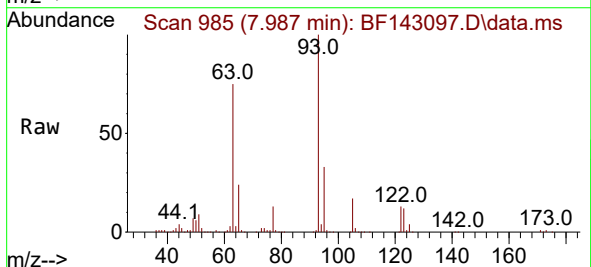
Manual Integrations
APPROVED

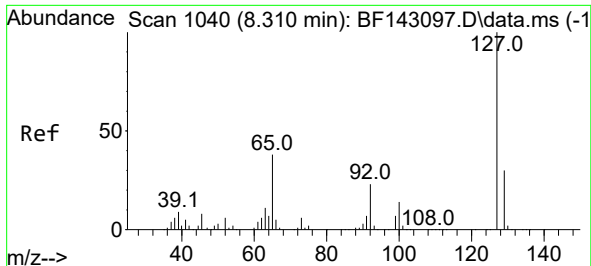
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025



#32
Benzoic acid
Concen: 37.684 ng m
RT: 7.987 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:122 Resp: 133968
Ion Ratio Lower Upper
122 100
105 125.4 105.4 145.4
77 98.6 78.6 118.6





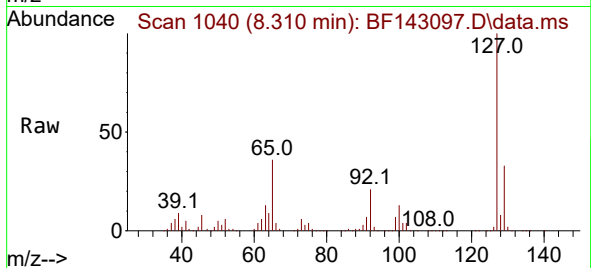
#33
4-Chloroaniline
Concen: 39.858 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



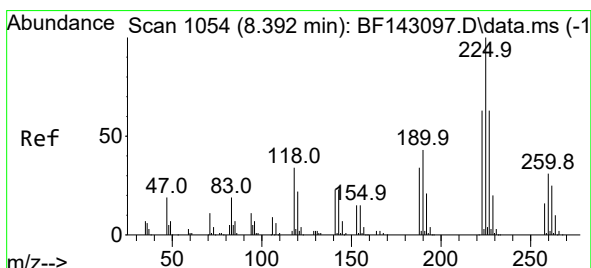
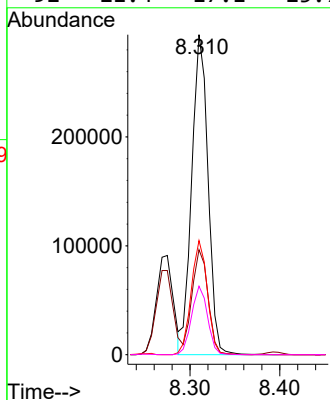
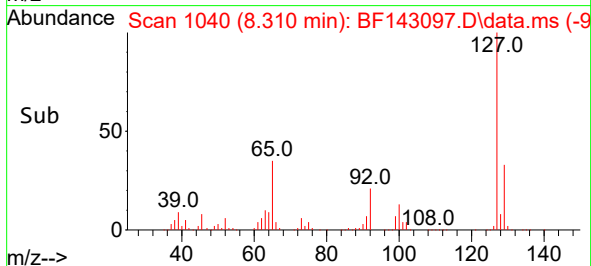
Tgt Ion:127 Resp: 371249
Ion Ratio Lower Upper
127 100
129 32.8 26.2 39.4
65 35.7 28.6 42.8
92 21.4 17.1 25.7

Manual Integrations

APPROVED

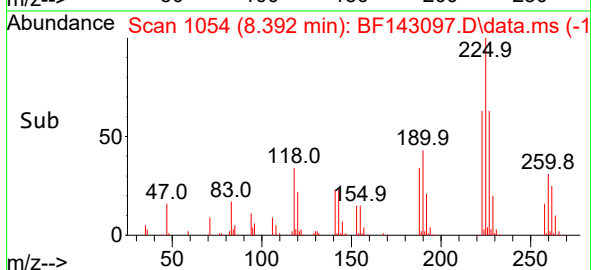
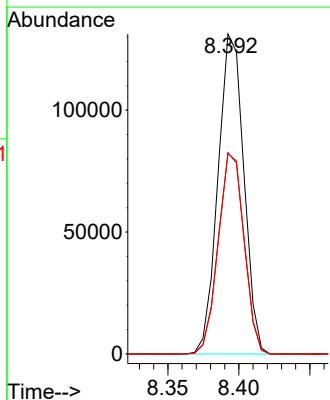
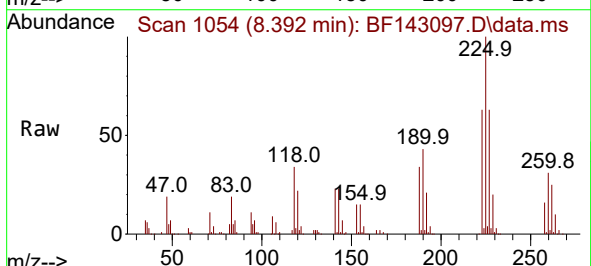
Reviewed By :Rahul Chavli 07/16/2025

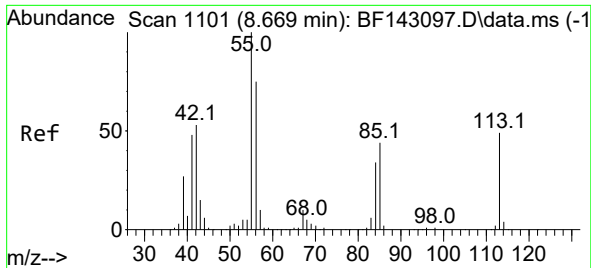
Supervised By :Jagrut Upadhyay 07/16/2025



#34
Hexachlorobutadiene
Concen: 39.978 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:225 Resp: 165576
Ion Ratio Lower Upper
225 100
223 62.9 50.3 75.5
227 62.6 50.1 75.1





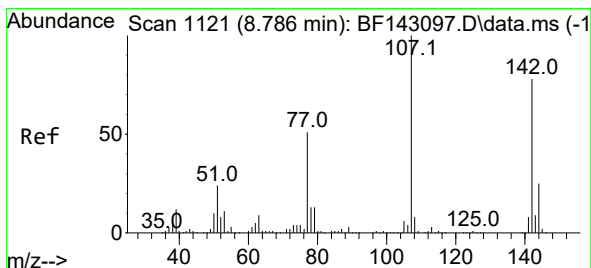
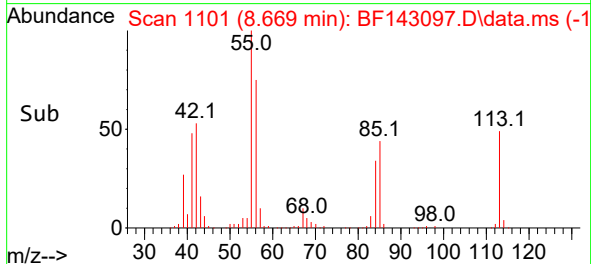
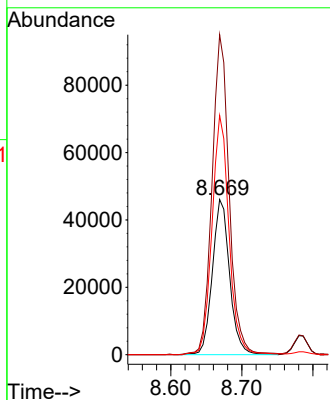
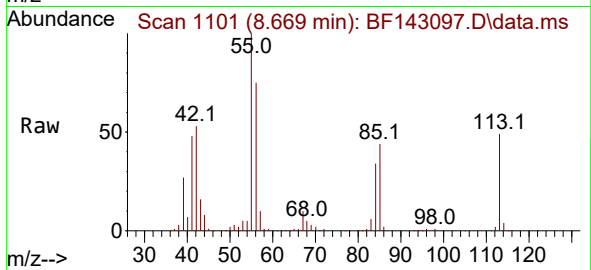
#35
Caprolactam
Concen: 40.657 ng
RT: 8.669 min Scan# 1101
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:113 Resp: 77472
Ion Ratio Lower Upper
113 100
55 206.2 186.2 226.2
56 154.1 134.1 174.1

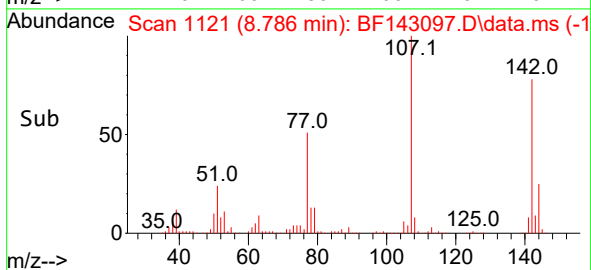
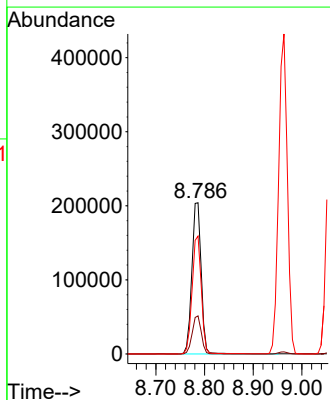
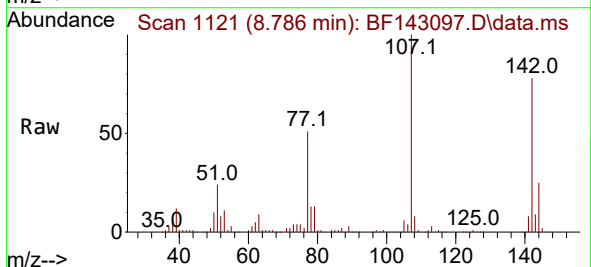
Manual Integrations
APPROVED

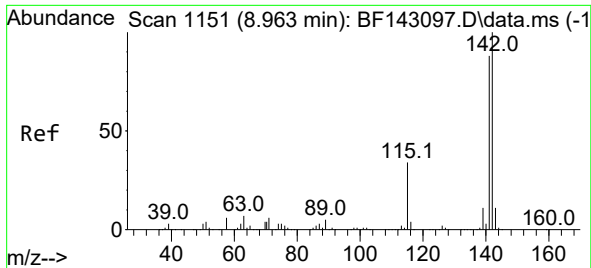
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025



#36
4-Chloro-3-methylphenol
Concen: 40.145 ng
RT: 8.786 min Scan# 1121
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

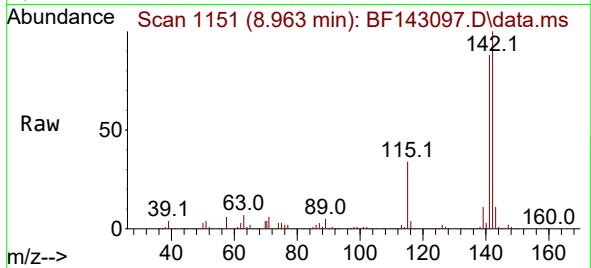
Tgt Ion:107 Resp: 272885
Ion Ratio Lower Upper
107 100
144 25.2 20.2 30.2
142 78.0 62.4 93.6





#37
2-Methylnaphthalene
Concen: 39.141 ng
RT: 8.963 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

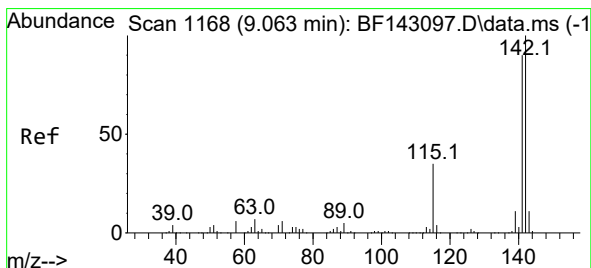
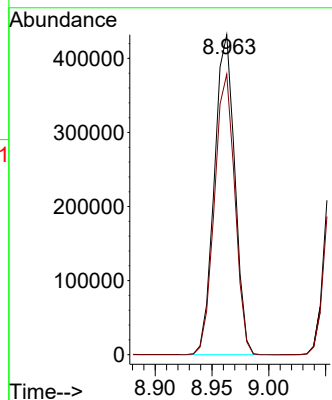
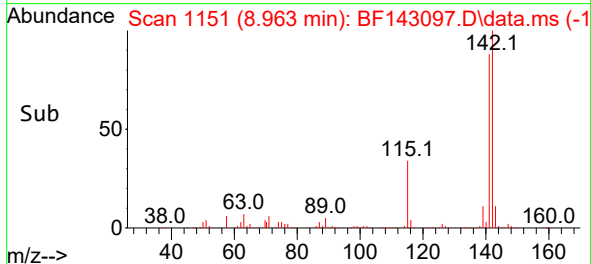
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



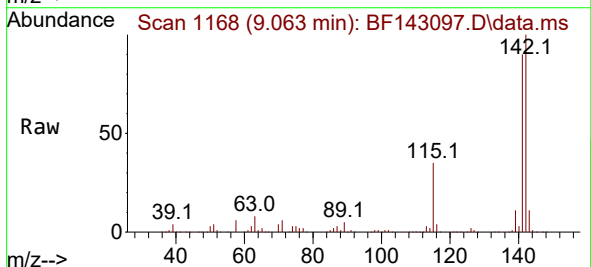
Tgt Ion:142 Resp: 540844
Ion Ratio Lower Upper
142 100
141 87.7 70.2 105.2

Manual Integrations
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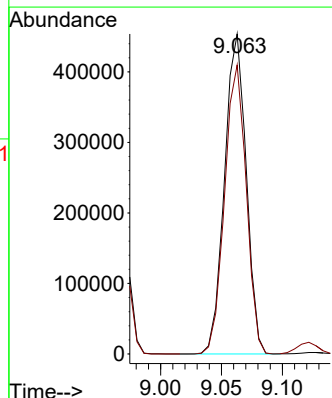
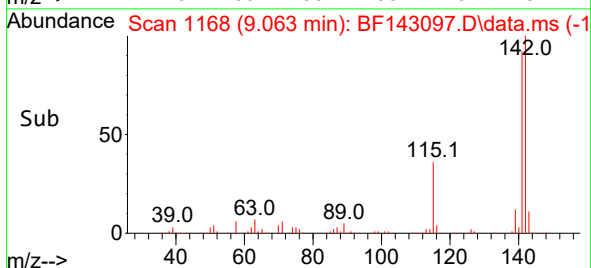
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

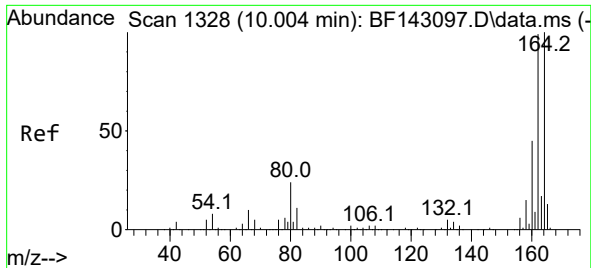


#38
1-Methylnaphthalene
Concen: 39.263 ng
RT: 9.063 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05



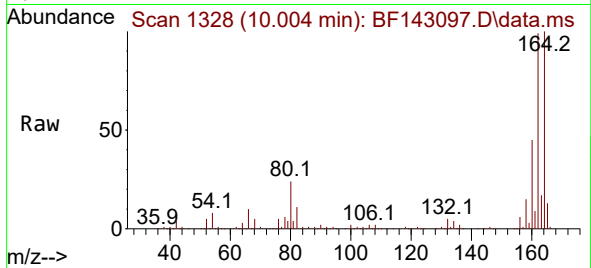
Tgt Ion:142 Resp: 562696
Ion Ratio Lower Upper
142 100
141 90.3 72.2 108.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

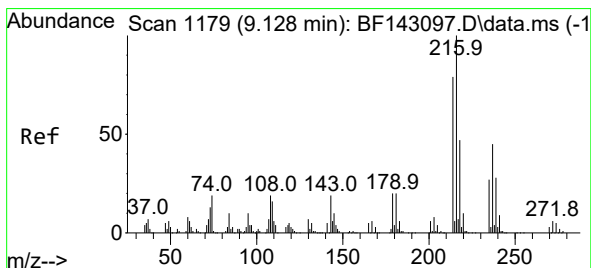
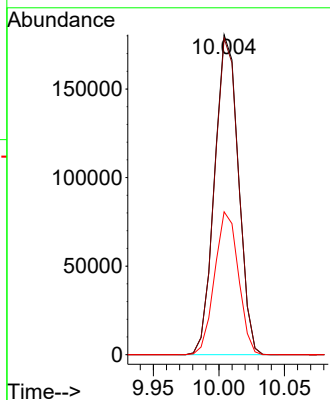
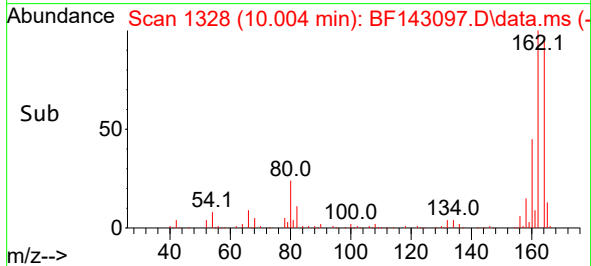
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:164 Resp: 227730
Ion Ratio Lower Upper
164 100
162 98.8 79.0 118.6
160 44.7 35.8 53.6

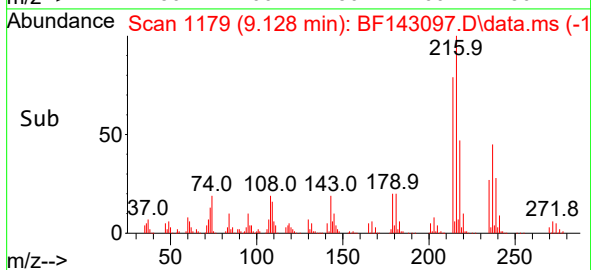
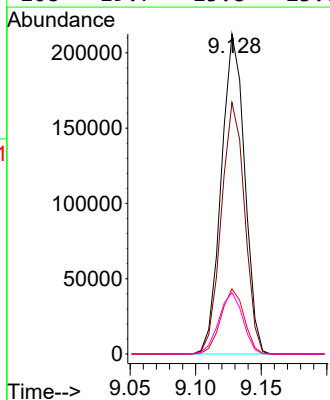
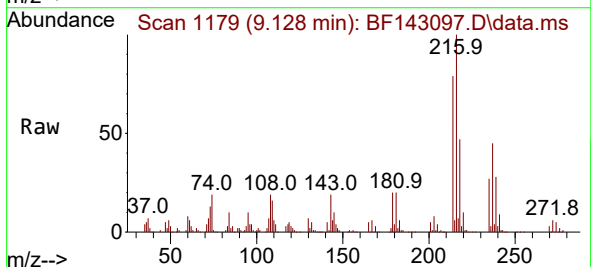
Manual Integrations
APPROVED

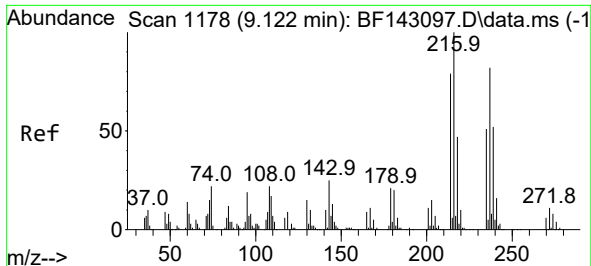
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.653 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

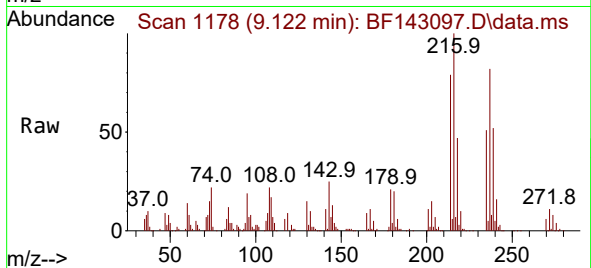
Tgt Ion:216 Resp: 263160
Ion Ratio Lower Upper
216 100
214 78.3 62.6 94.0
179 20.2 16.2 24.2
108 19.7 15.8 23.6





#41
Hexachlorocyclopentadiene
Concen: 40.011 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

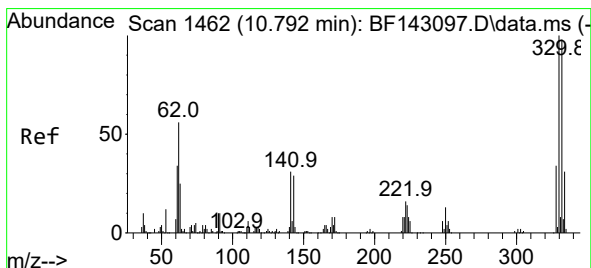
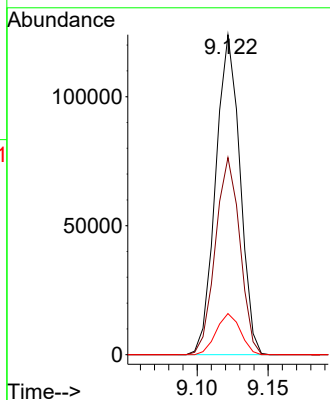
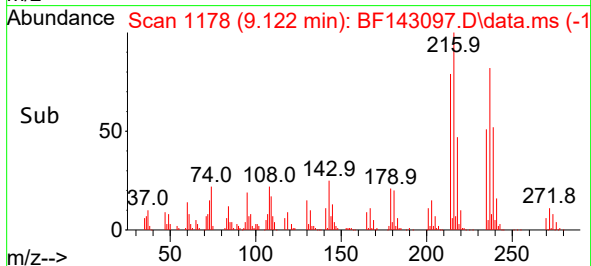
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



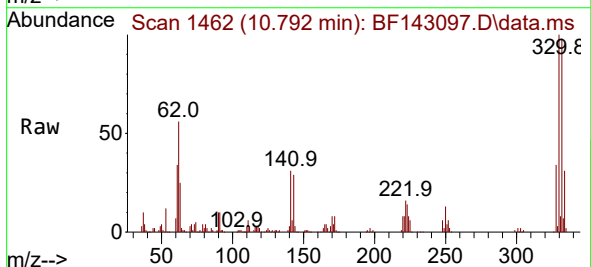
Tgt Ion:237 Resp: 14722
Ion Ratio Lower Upper
237 100
235 61.6 41.6 81.6
272 12.9 0.0 32.9

Manual Integrations
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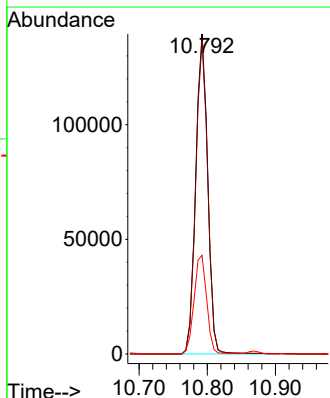
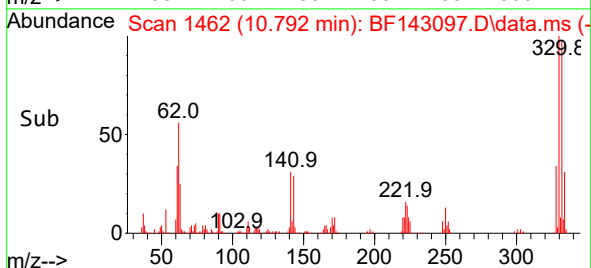
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

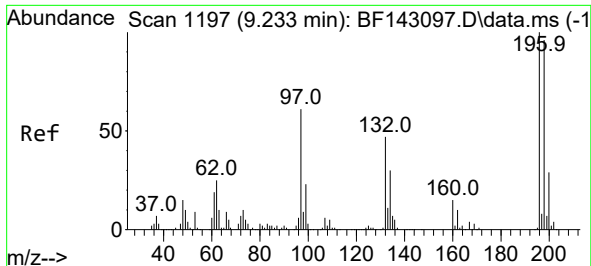


#42
2,4,6-Tribromophenol
Concen: 84.198 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05



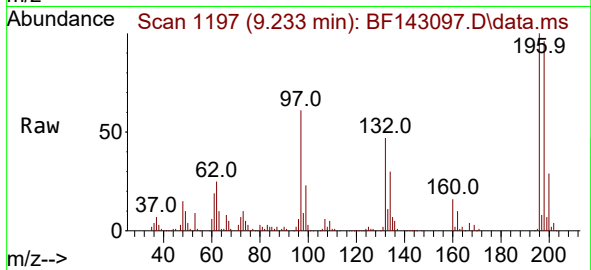
Tgt Ion:330 Resp: 170969
Ion Ratio Lower Upper
330 100
332 97.4 77.9 116.9
141 32.4 25.9 38.9





#43
2,4,6-Trichlorophenol
Concen: 41.569 ng
RT: 9.233 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

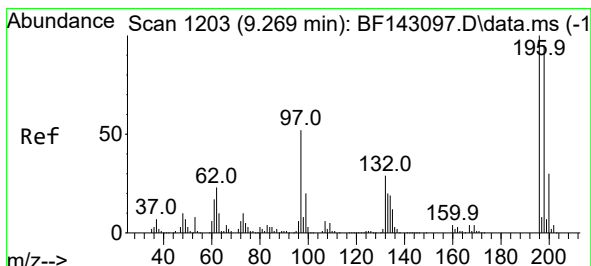
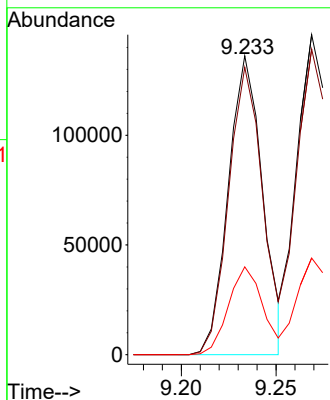
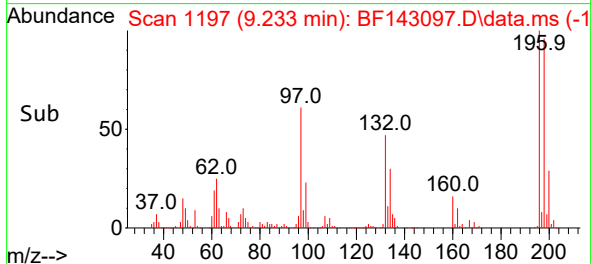
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



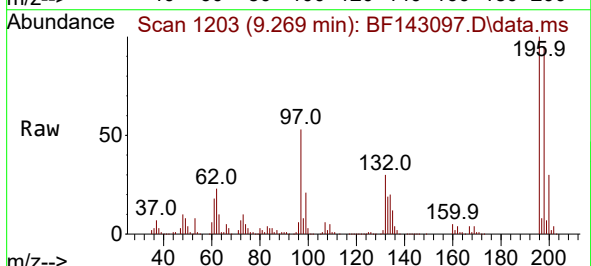
Tgt Ion:196 Resp: 171419
Ion Ratio Lower Upper
196 100
198 96.1 76.9 115.3
200 29.4 23.5 35.3

Manual Integrations
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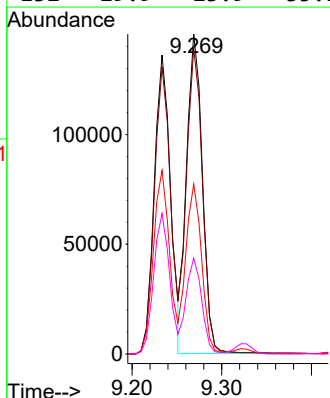
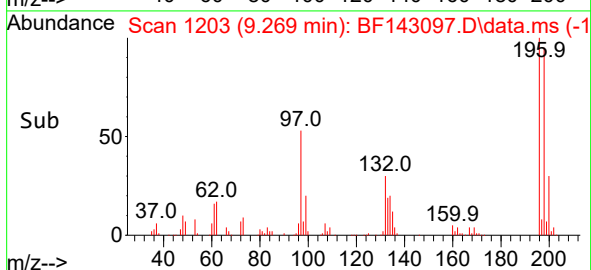
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

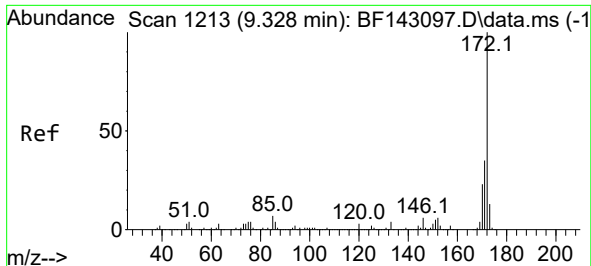


#44
2,4,5-Trichlorophenol
Concen: 41.422 ng
RT: 9.269 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05



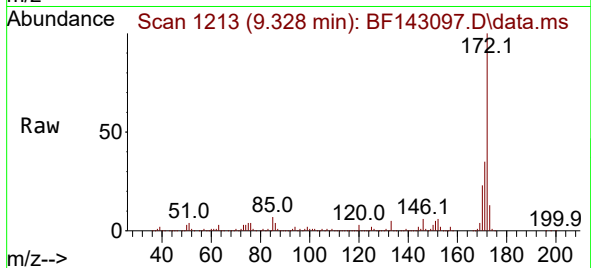
Tgt Ion:196 Resp: 179101
Ion Ratio Lower Upper
196 100
198 95.5 76.4 114.6
97 53.0 42.4 63.6
132 29.9 23.9 35.9





#45
2-Fluorobiphenyl
Concen: 77.428 ng
RT: 9.328 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

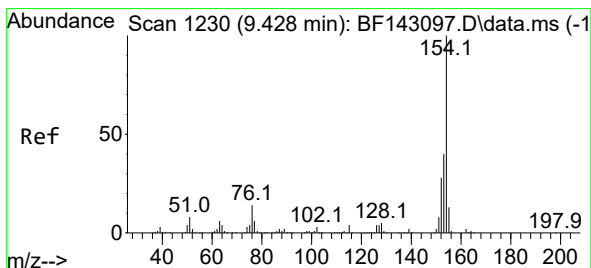
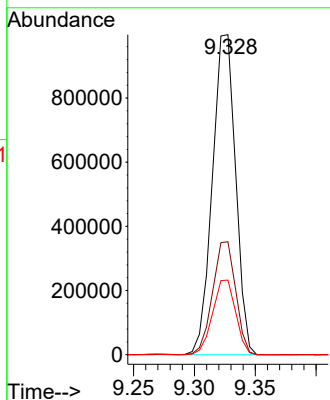
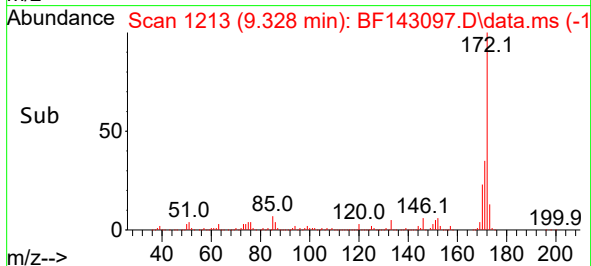
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



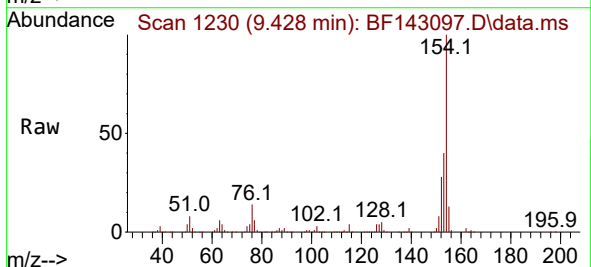
Tgt Ion:172 Resp: 132648
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.3 18.6 28.0

Manual Integrations
APPROVED

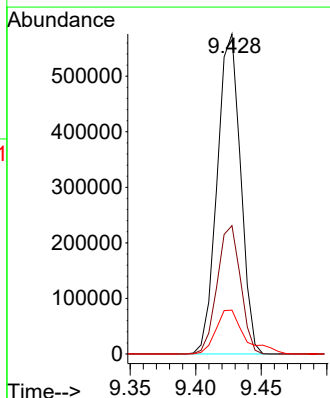
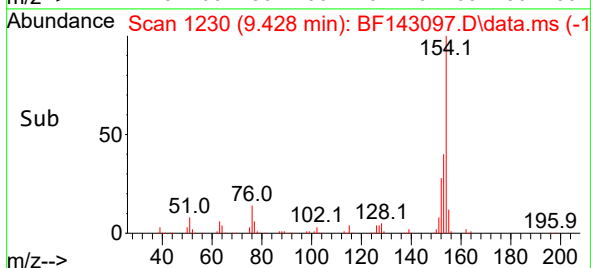
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

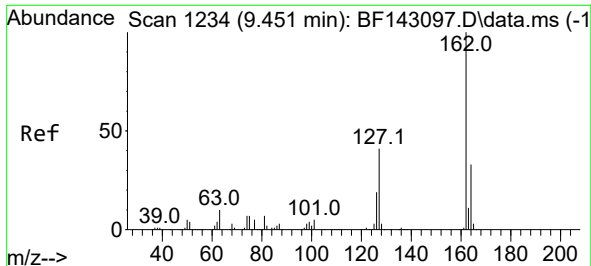


#46
1,1'-Biphenyl
Concen: 39.288 ng
RT: 9.428 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05



Tgt Ion:154 Resp: 713513
Ion Ratio Lower Upper
154 100
153 40.1 20.1 60.1
76 13.7 0.0 33.7





#47

2-Chloronaphthalene

Concen: 39.561 ng

RT: 9.451 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF143097.D

Acq: 15 Jul 2025 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

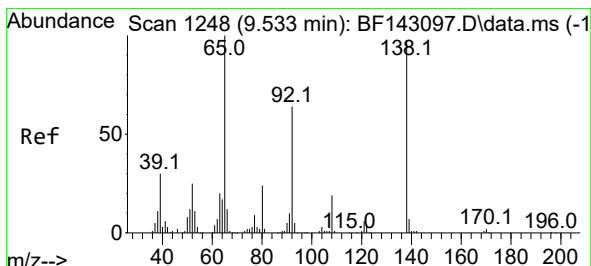
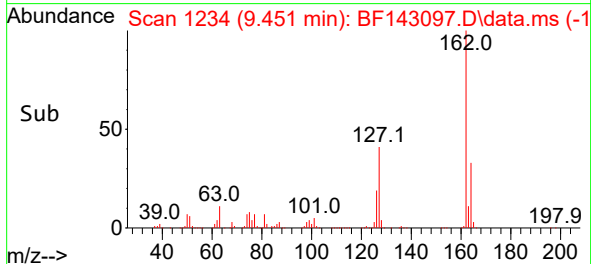
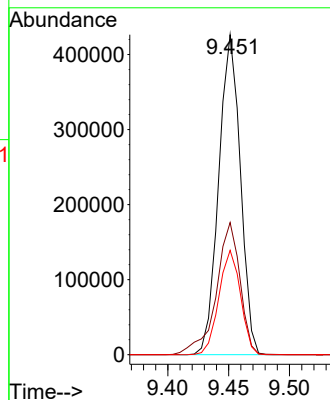
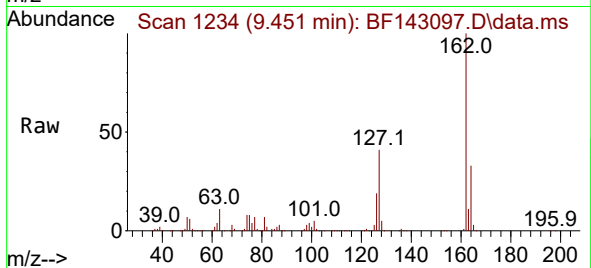
Tgt Ion:162 Resp: 527800
 Ion Ratio Lower Upper
 162 100
 127 41.3 33.0 49.6
 164 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/16/2025

Supervised By :Jagrut Upadhyay 07/16/2025



#48

2-Nitroaniline

Concen: 38.182 ng

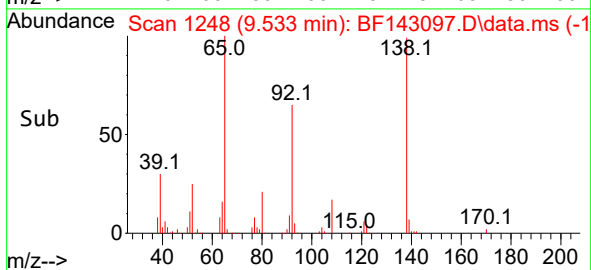
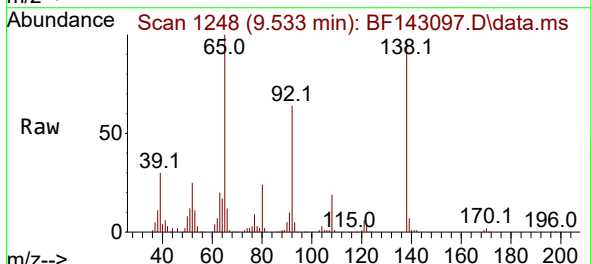
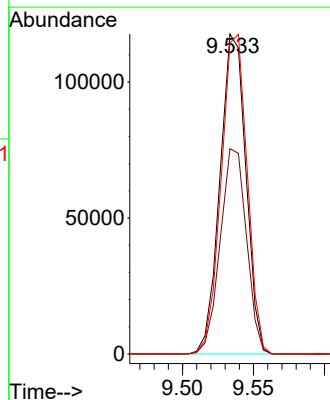
RT: 9.533 min Scan# 1248

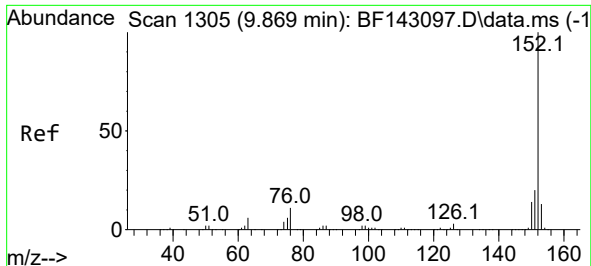
Delta R.T. 0.000 min

Lab File: BF143097.D

Acq: 15 Jul 2025 15:05

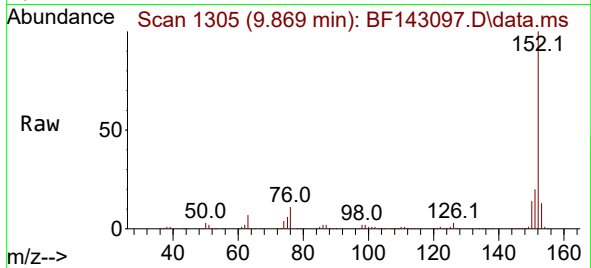
Tgt Ion: 65 Resp: 149322
 Ion Ratio Lower Upper
 65 100
 92 64.1 51.3 76.9
 138 97.2 77.8 116.6





#49
Acenaphthylene
Concen: 40.126 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

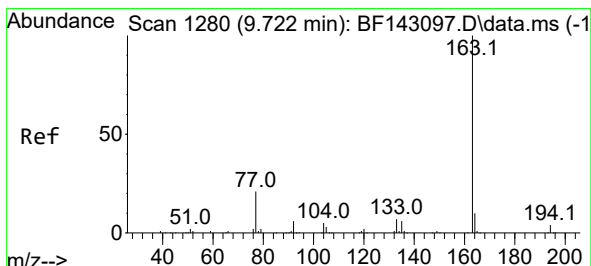
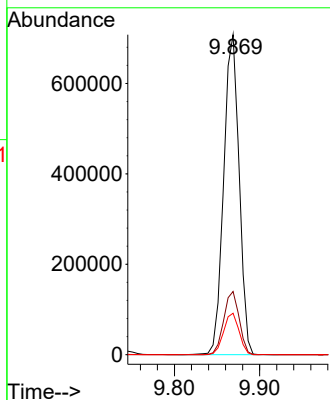
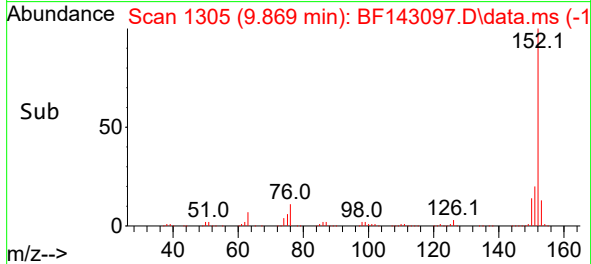
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



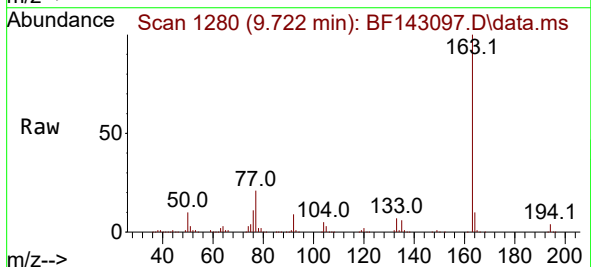
Tgt Ion:152 Resp: 892054
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 13.0 10.4 15.6

Manual Integrations
APPROVED

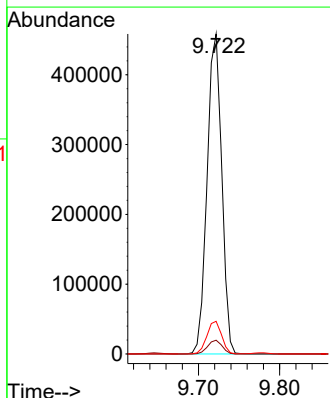
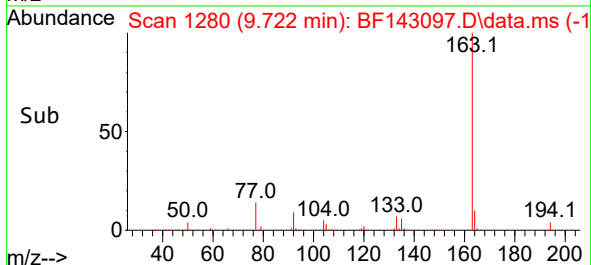
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

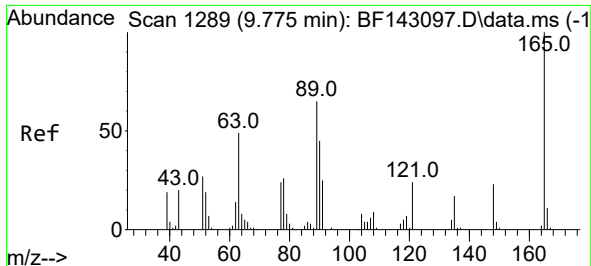


#50
Dimethylphthalate
Concen: 39.971 ng
RT: 9.722 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05



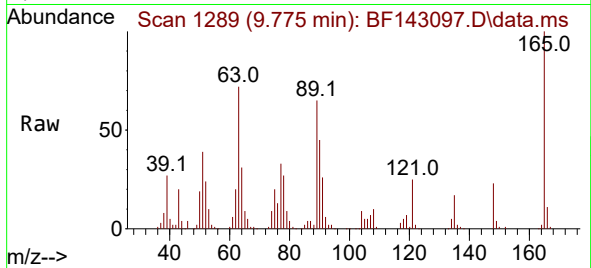
Tgt Ion:163 Resp: 572658
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 38.213 ng
RT: 9.775 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

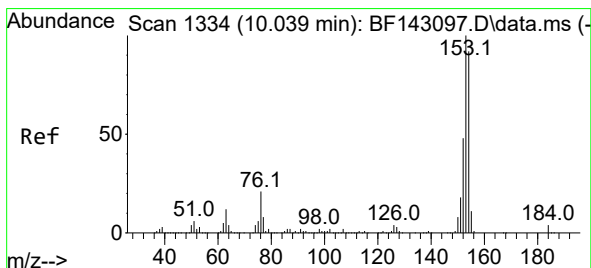
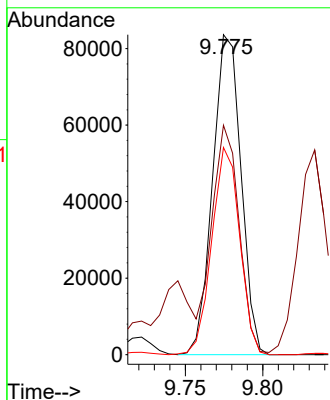
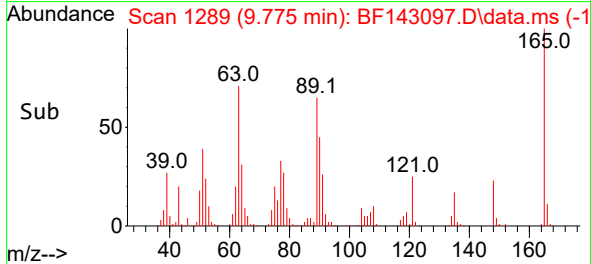
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:165 Resp: 106468
Ion Ratio Lower Upper
165 100
63 71.7 57.4 86.0
89 64.8 51.8 77.8

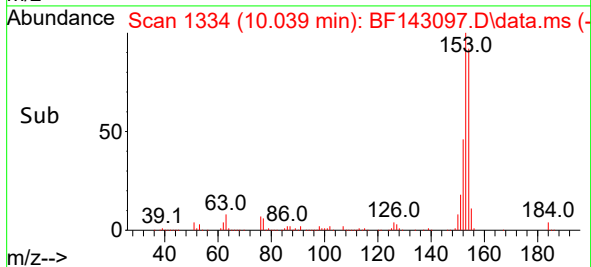
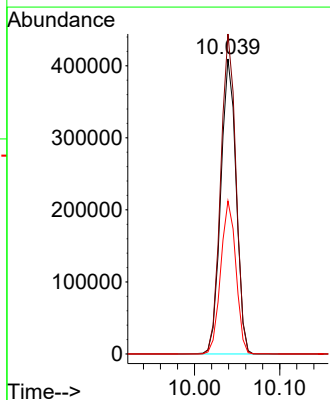
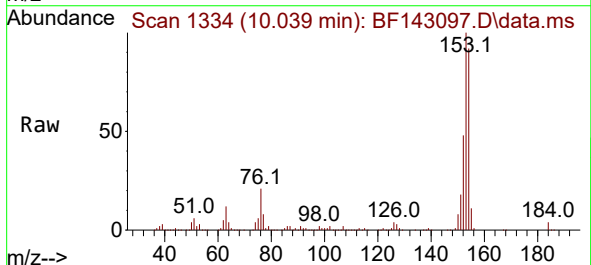
Manual Integrations
APPROVED

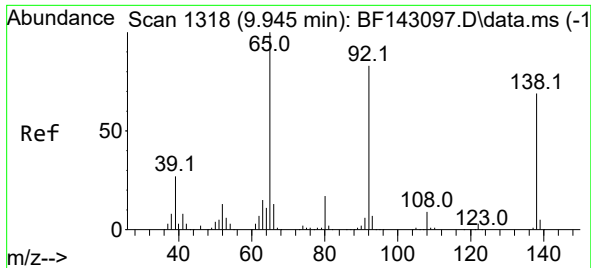
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025



#52
Acenaphthene
Concen: 39.131 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

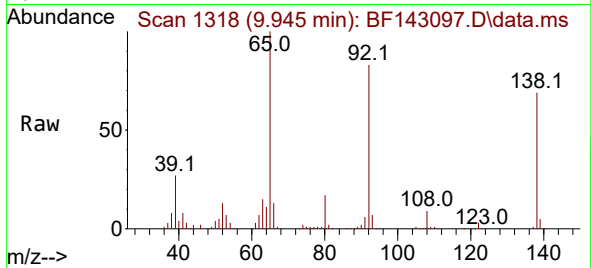
Tgt Ion:154 Resp: 513370
Ion Ratio Lower Upper
154 100
153 108.4 86.7 130.1
152 51.8 41.4 62.2





#53
3-Nitroaniline
Concen: 42.301 ng
RT: 9.945 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

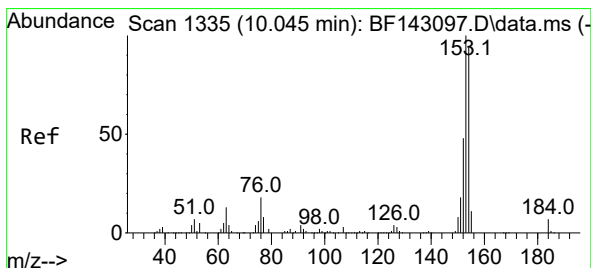
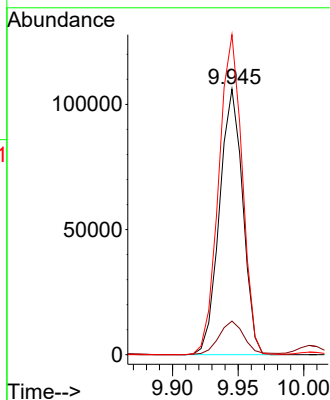
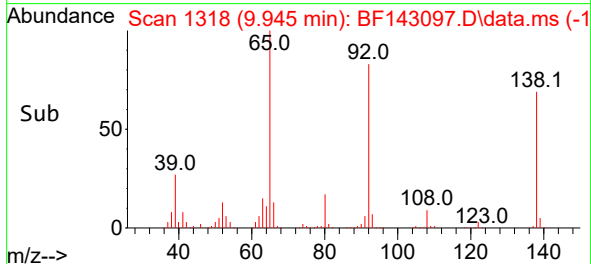
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



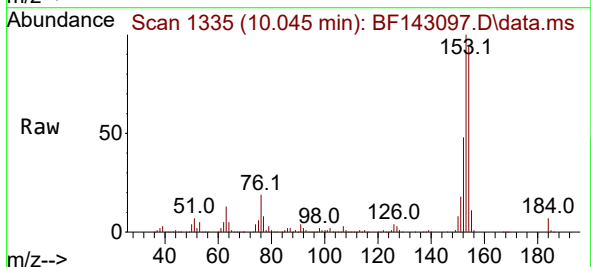
Tgt Ion:138 Resp: 13095
Ion Ratio Lower Upper
138 100
108 12.6 10.1 15.1
92 120.5 96.4 144.6

Manual Integrations
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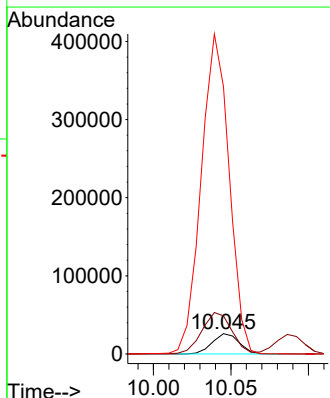
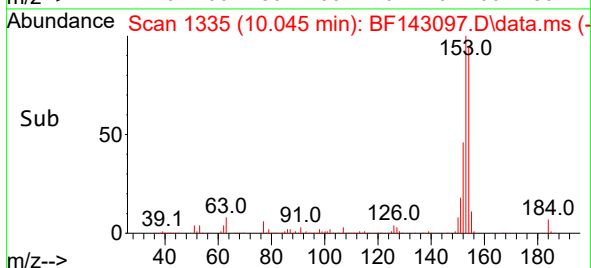
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

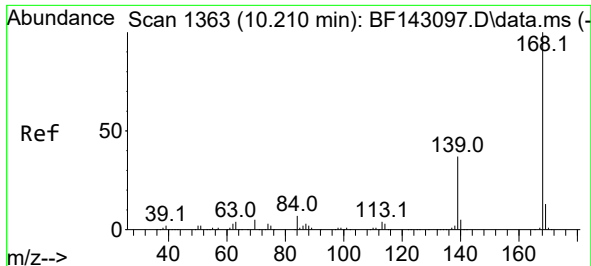


#54
2,4-Dinitrophenol
Concen: 37.582 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05



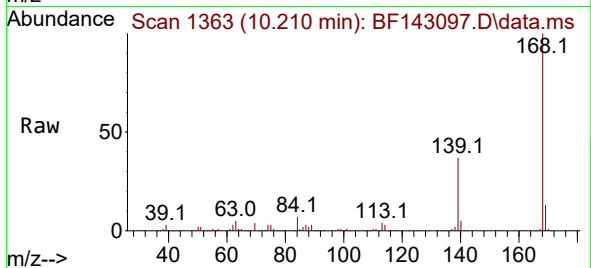
Tgt Ion:184 Resp: 31236
Ion Ratio Lower Upper
184 100
63 186.6 149.3 223.9
154 1310.0 1048.0 1572.0





#55
Dibenzofuran
Concen: 39.524 ng
RT: 10.210 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

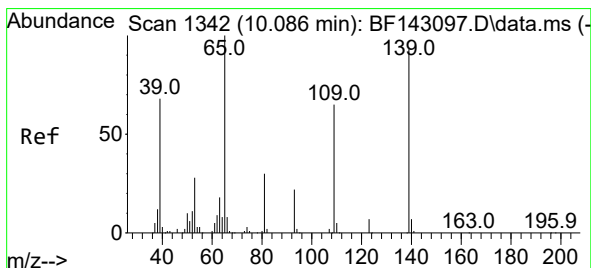
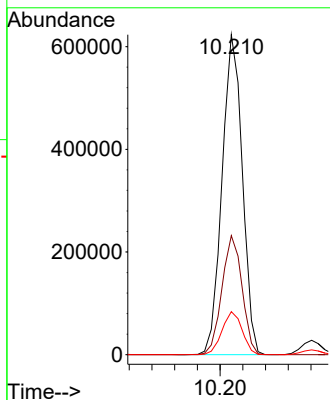
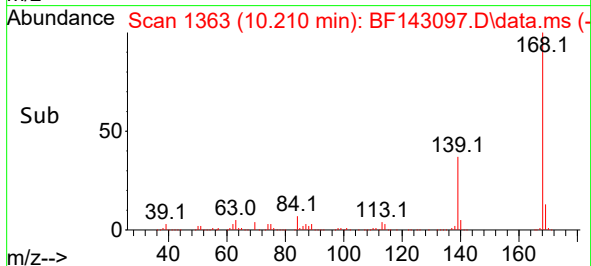
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



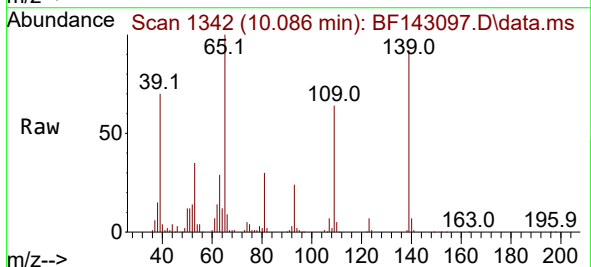
Tgt Ion:168 Resp: 772862
Ion Ratio Lower Upper
168 100
139 37.2 29.8 44.6
169 13.5 10.8 16.2

Manual Integrations
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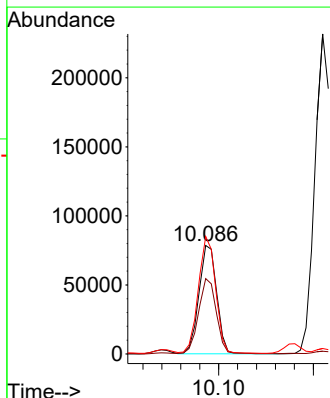
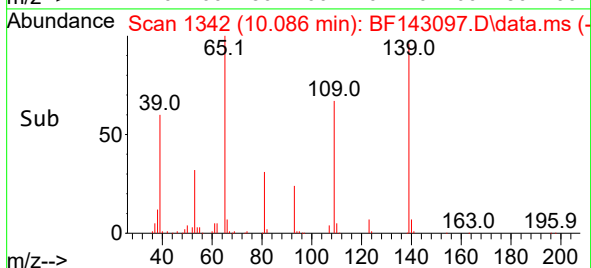
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

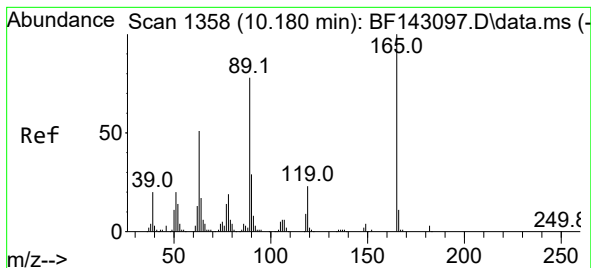


#56
4-Nitrophenol
Concen: 41.436 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05



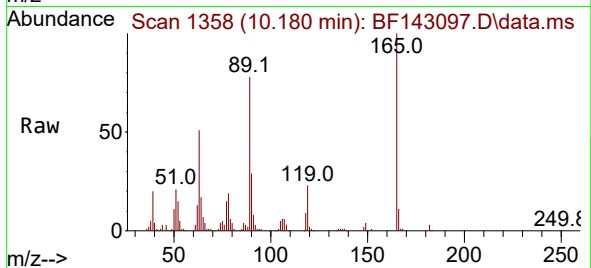
Tgt Ion:139 Resp: 101948
Ion Ratio Lower Upper
139 100
109 69.4 49.4 89.4
65 108.2 88.2 128.2





#57
2,4-Dinitrotoluene
Concen: 38.682 ng
RT: 10.180 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

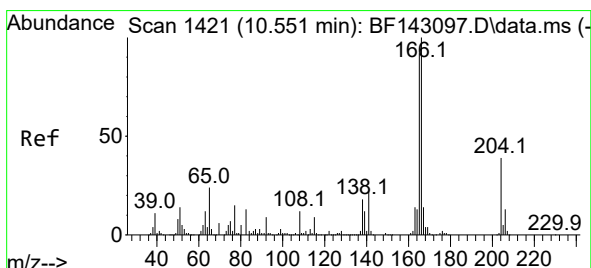
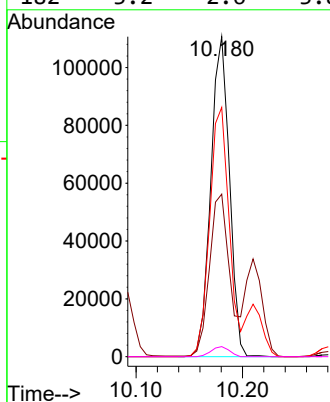
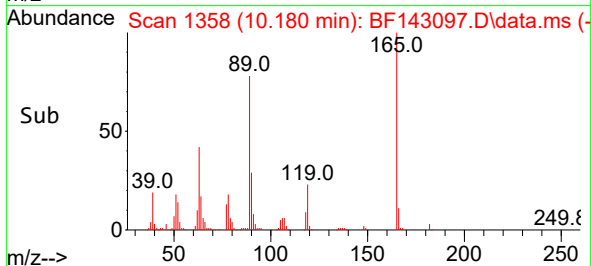
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



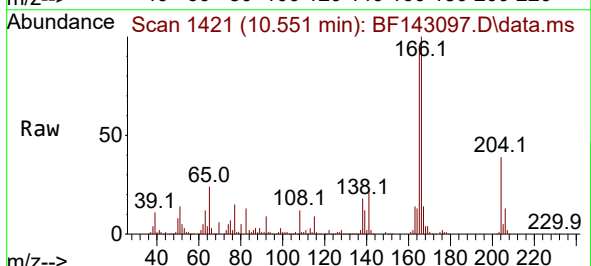
Tgt Ion:165 Resp: 13424
Ion Ratio Lower Upper
165 100
63 50.8 40.6 61.0
89 77.9 62.3 93.5
182 3.2 2.6 3.8

Manual Integrations
APPROVED

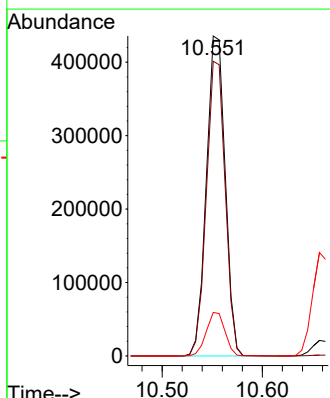
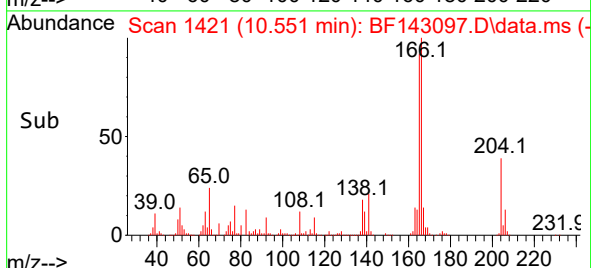
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

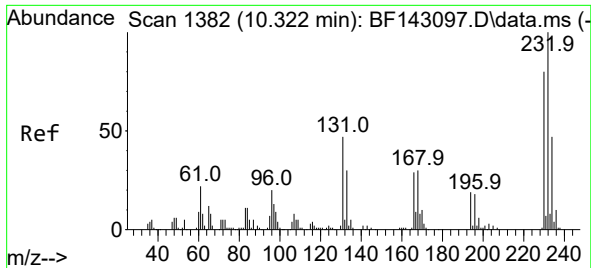


#58
Fluorene
Concen: 38.710 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05



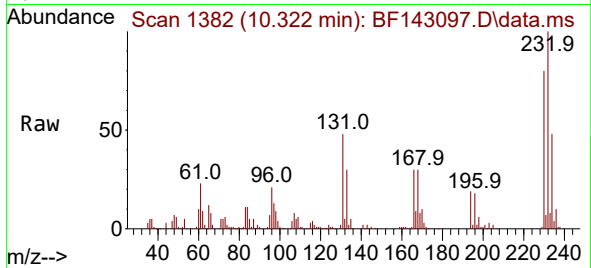
Tgt Ion:166 Resp: 567511
Ion Ratio Lower Upper
166 100
165 92.1 73.7 110.5
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.334 ng
RT: 10.322 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

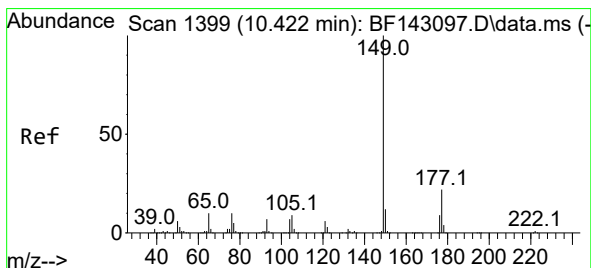
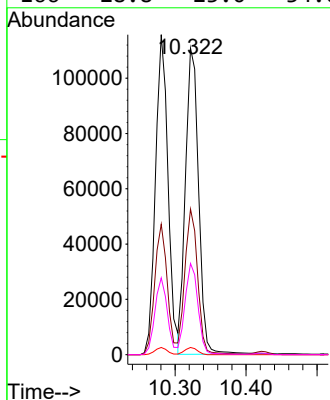
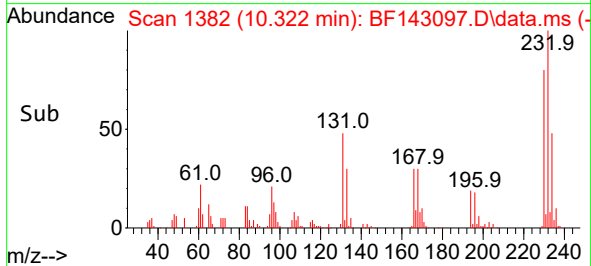
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:232 Resp: 142021
Ion Ratio Lower Upper
232 100
131 46.1 36.9 55.3
130 2.3 1.8 2.8
166 28.8 23.0 34.6

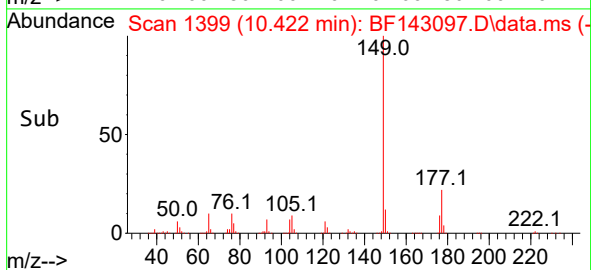
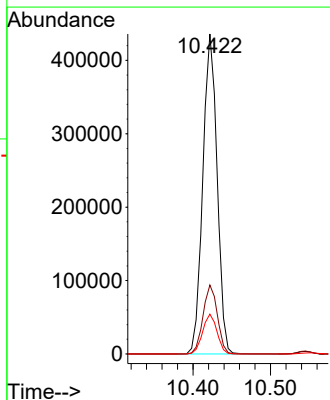
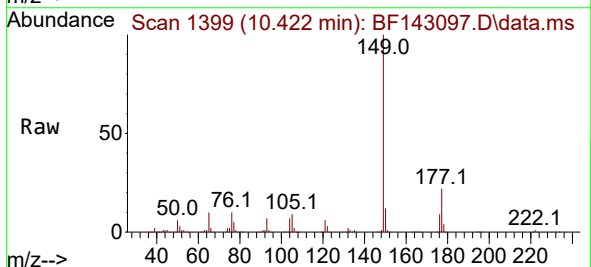
Manual Integrations
APPROVED

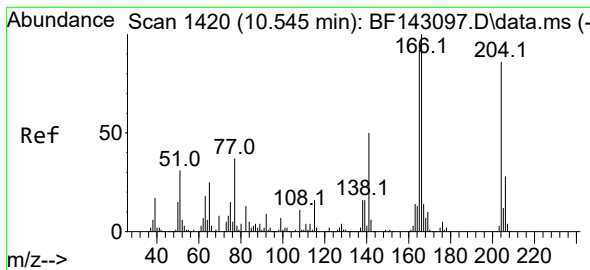
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025



#60
Diethylphthalate
Concen: 40.349 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

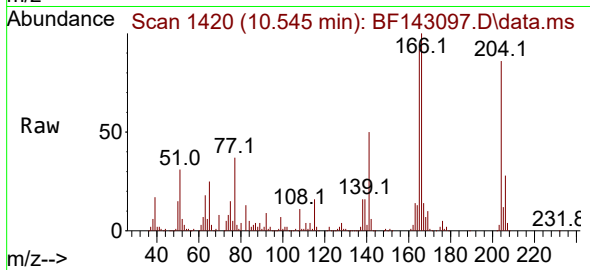
Tgt Ion:149 Resp: 557712
Ion Ratio Lower Upper
149 100
177 21.6 17.3 25.9
150 12.4 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 39.822 ng
RT: 10.545 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

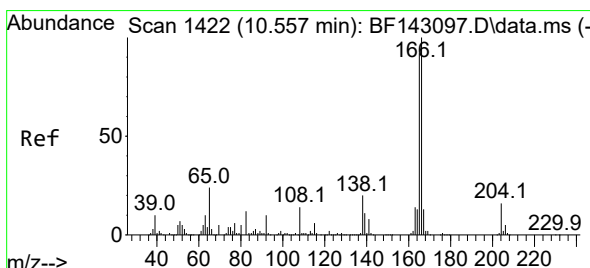
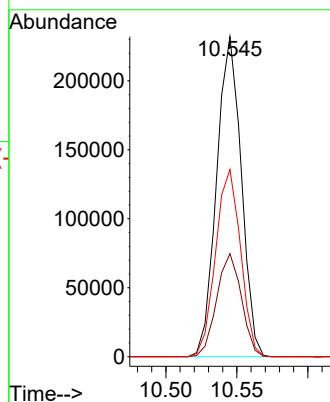
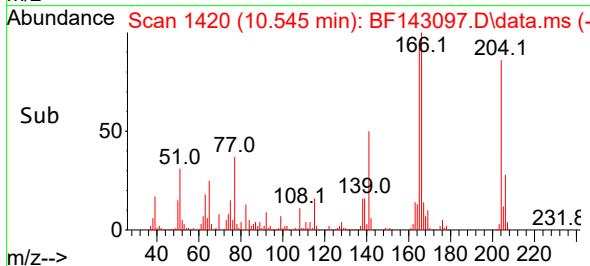
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



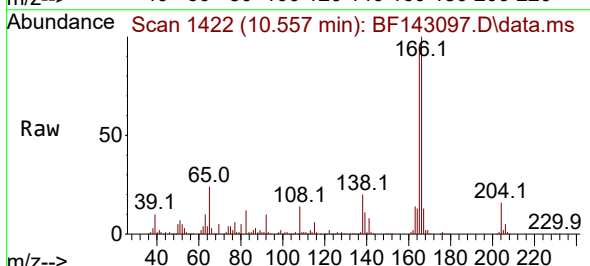
Tgt Ion:204 Resp: 27981
Ion Ratio Lower Upper
204 100
206 32.2 25.8 38.6
141 58.5 46.8 70.2

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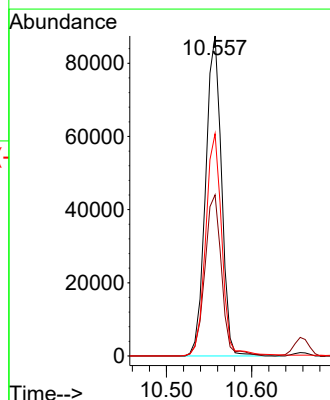
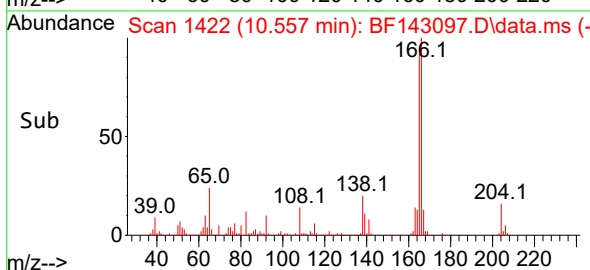
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

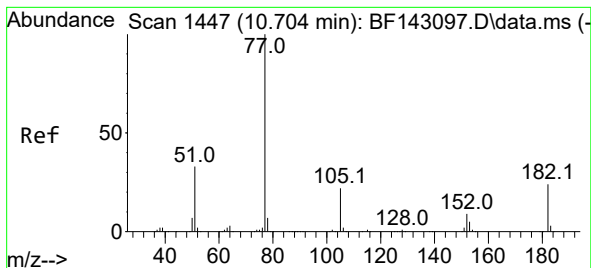


#62
4-Nitroaniline
Concen: 42.106 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05



Tgt Ion:138 Resp: 113355
Ion Ratio Lower Upper
138 100
92 50.4 30.4 70.4
108 69.5 49.5 89.5





#63

Azobenzene

Concen: 39.558 ng

RT: 10.704 min Scan# 1447

Delta R.T. 0.000 min

Lab File: BF143097.D

Acq: 15 Jul 2025 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 77 Resp: 604710

Ion Ratio Lower Upper

77 100

182 24.0 4.0 44.0

105 21.4 1.4 41.4

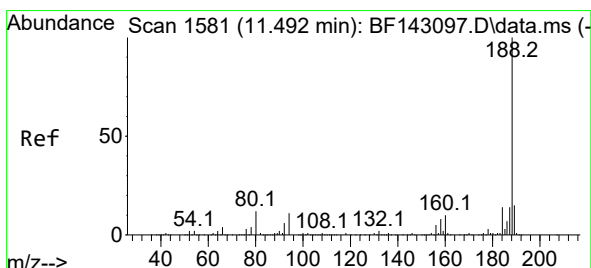
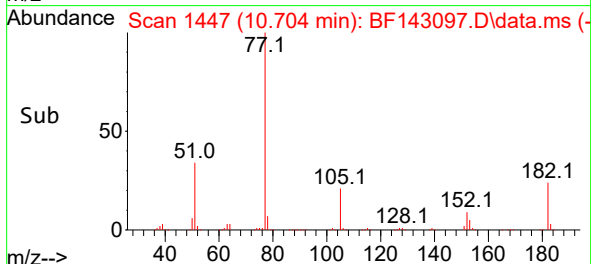
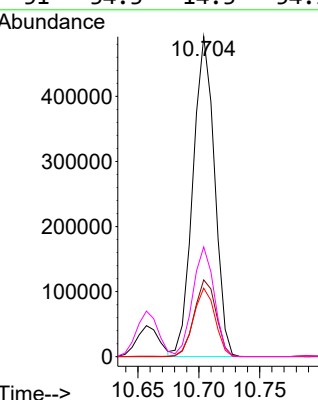
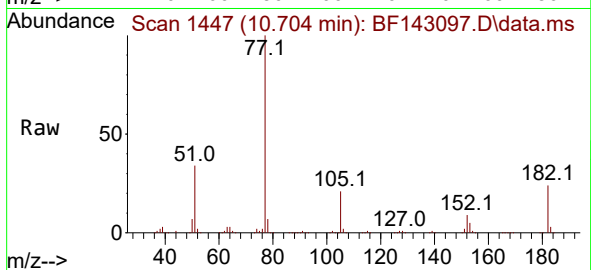
51 34.3 14.3 54.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/16/2025

Supervised By :Jagrut Upadhyay 07/16/2025



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.492 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF143097.D

Acq: 15 Jul 2025 15:05

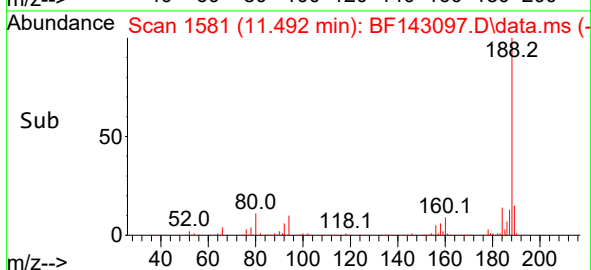
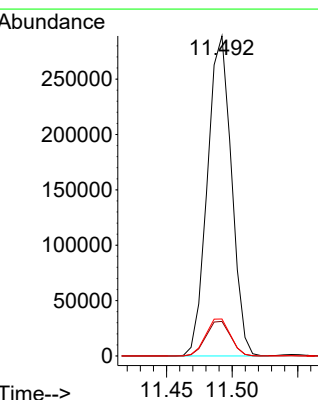
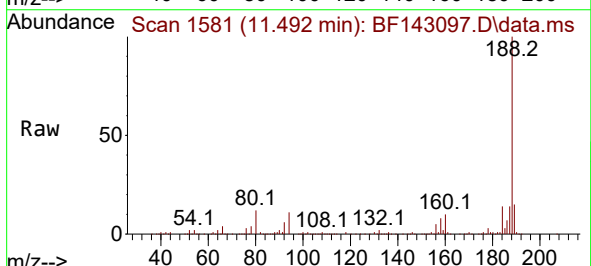
Tgt Ion:188 Resp: 369241

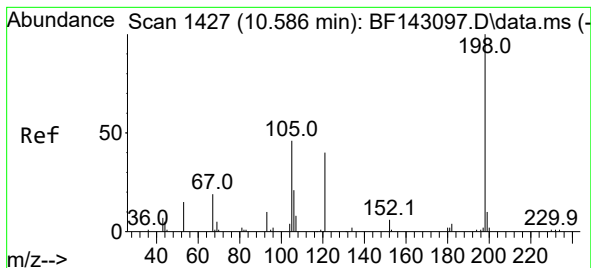
Ion Ratio Lower Upper

188 100

94 10.8 8.6 13.0

80 11.6 9.3 13.9





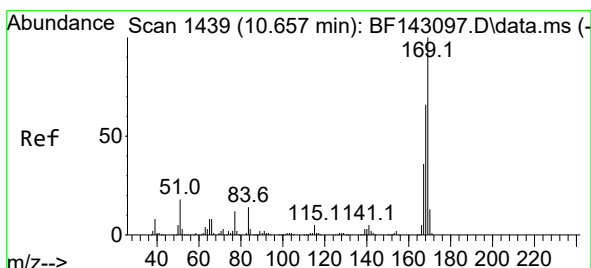
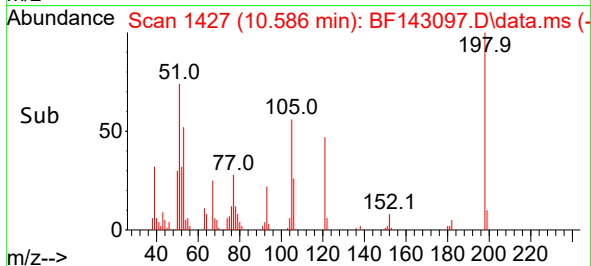
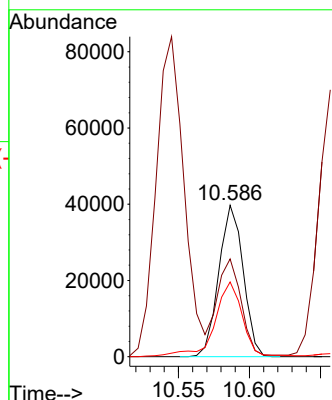
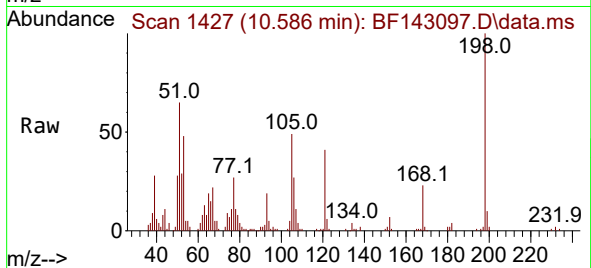
#65
4,6-Dinitro-2-methylphenol
Concen: 37.223 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 47349
Ion Ratio Lower Upper
198 100
51 64.6 44.6 84.6
105 49.3 29.3 69.3

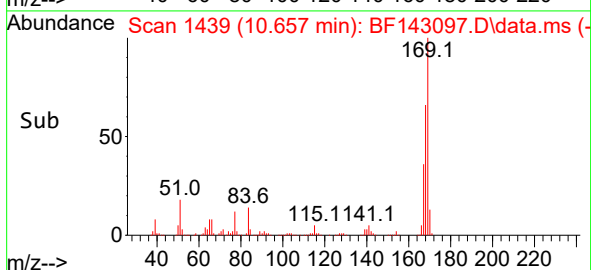
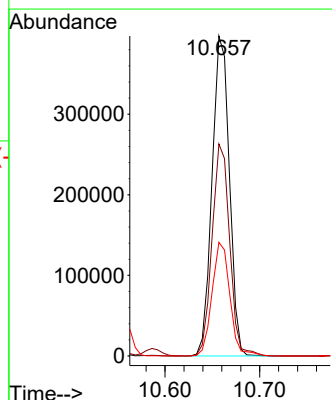
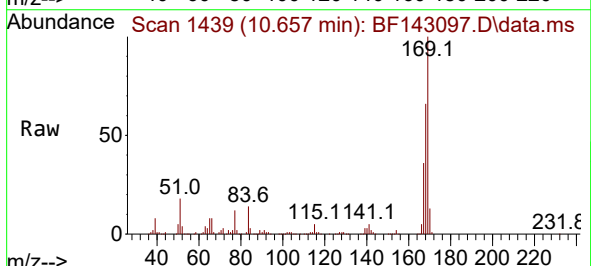
Manual Integrations
APPROVED

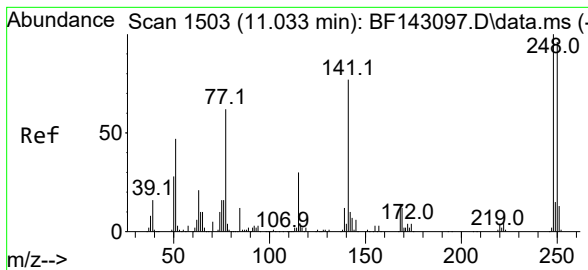
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025



#66
n-Nitrosodiphenylamine
Concen: 38.827 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

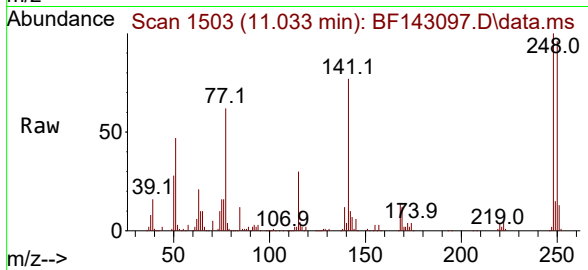
Tgt Ion:169 Resp: 503590
Ion Ratio Lower Upper
169 100
168 66.3 53.0 79.6
167 35.5 28.4 42.6





#67
4-Bromophenyl-phenylether
Concen: 39.088 ng
RT: 11.033 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

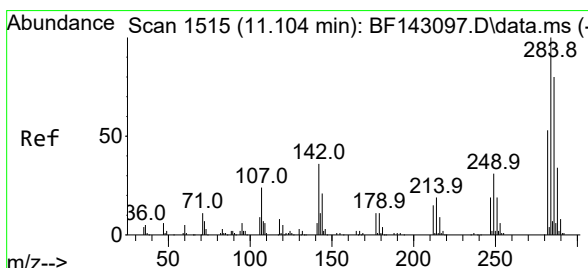
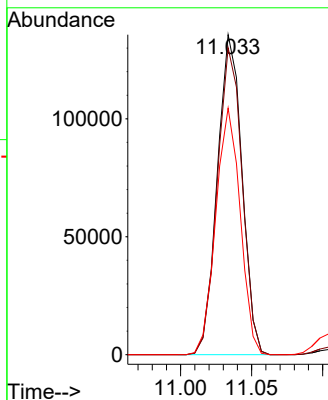
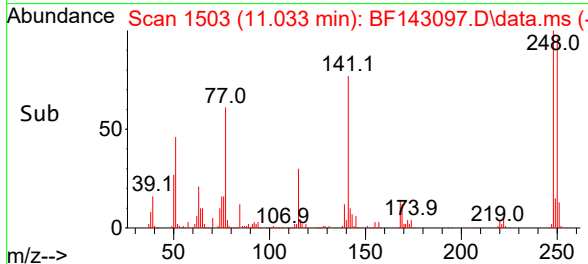
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



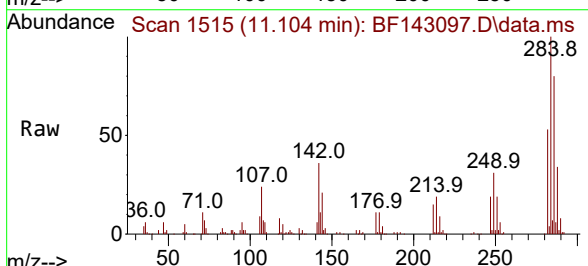
Tgt Ion:248 Resp: 16413
Ion Ratio Lower Upper
248 100
250 95.9 76.7 115.1
141 77.1 61.7 92.5

Manual Integrations
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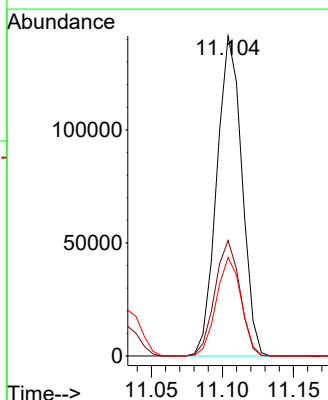
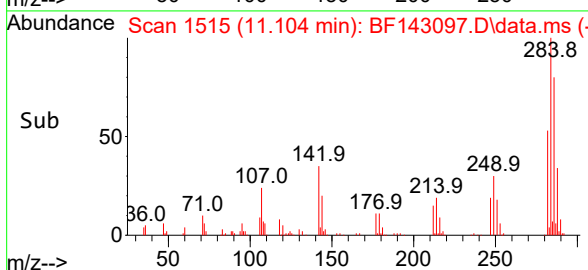
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

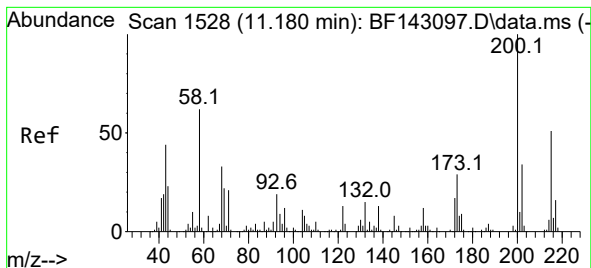


#68
Hexachlorobenzene
Concen: 39.034 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05



Tgt Ion:284 Resp: 173911
Ion Ratio Lower Upper
284 100
142 36.1 28.9 43.3
249 30.8 24.6 37.0





#69

Atrazine

Concen: 40.206 ng

RT: 11.180 min Scan# 1528

Delta R.T. 0.000 min

Lab File: BF143097.D

Acq: 15 Jul 2025 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:200 Resp: 133410

Ion Ratio Lower Upper

200 100

173 29.1 9.1 49.1

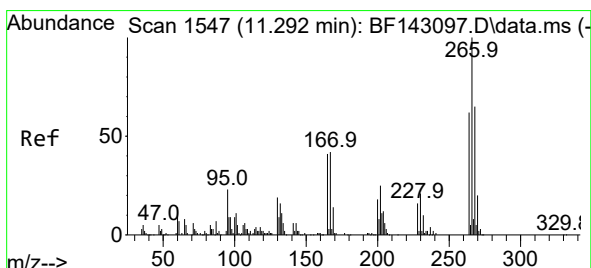
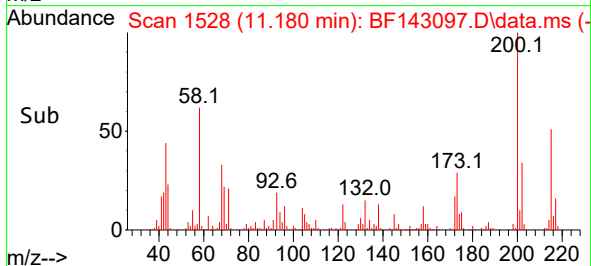
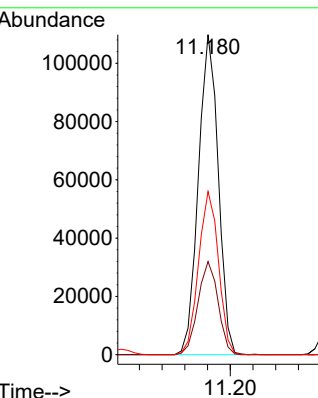
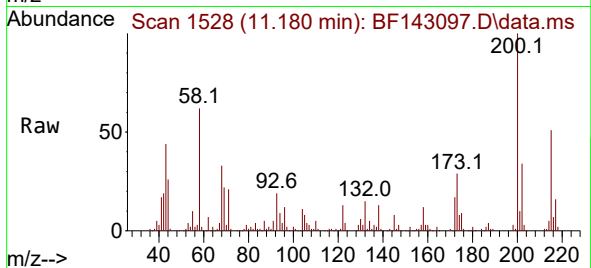
215 51.0 31.0 71.0

Manual Integrations

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Reviewed By :Rahul Chavli 07/16/2025

Supervised By :Jagrut Upadhyay 07/16/2025



#70

Pentachlorophenol

Concen: 39.938 ng

RT: 11.292 min Scan# 1547

Delta R.T. 0.000 min

Lab File: BF143097.D

Acq: 15 Jul 2025 15:05

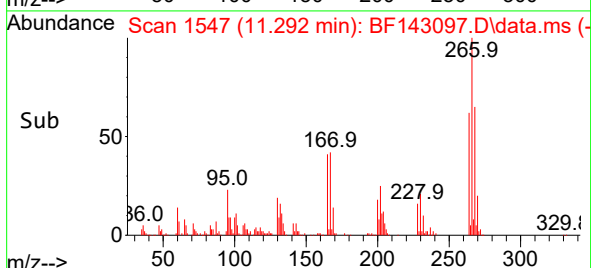
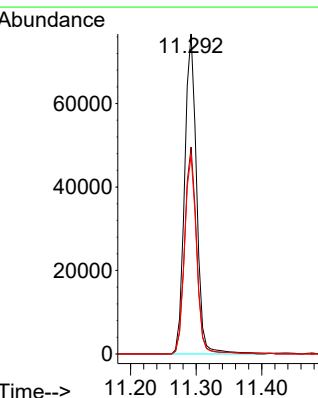
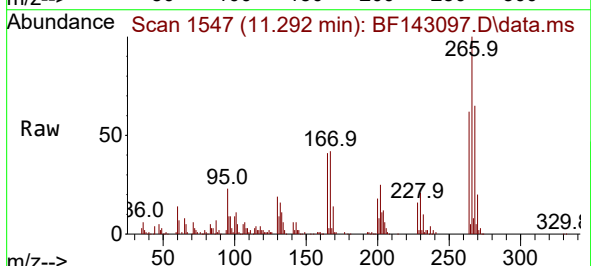
Tgt Ion:266 Resp: 97625

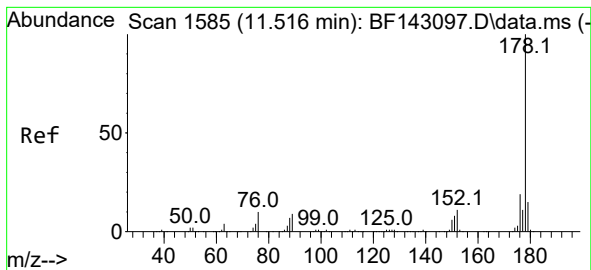
Ion Ratio Lower Upper

266 100

268 64.7 51.8 77.6

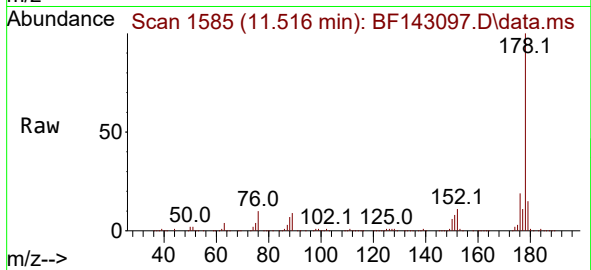
264 62.1 49.7 74.5





#71
Phenanthrene
Concen: 38.609 ng
RT: 11.516 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

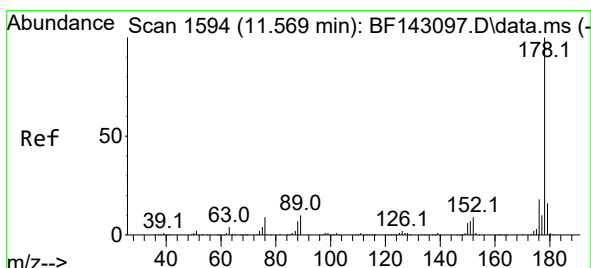
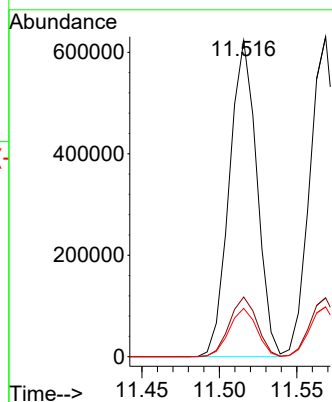
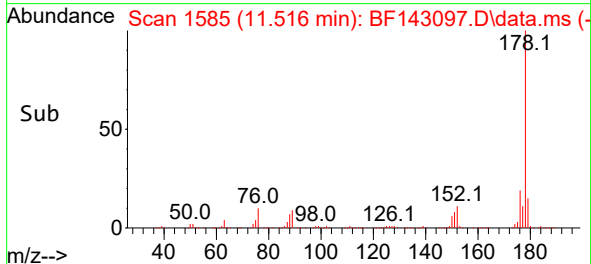
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



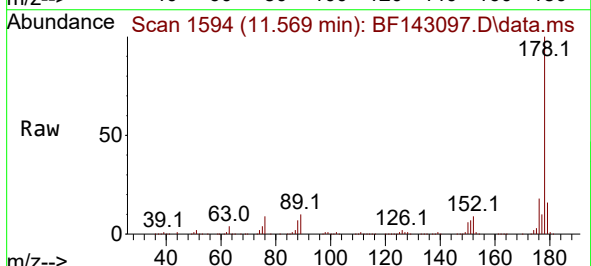
Tgt Ion:178 Resp: 769372
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.3 12.2 18.4

Manual Integrations
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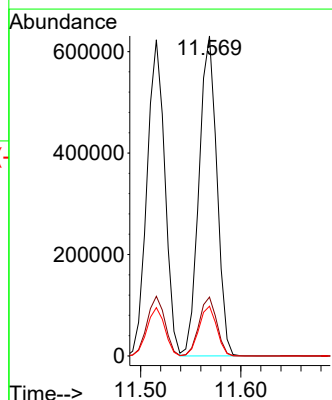
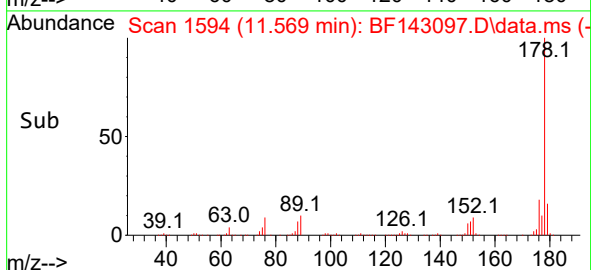
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

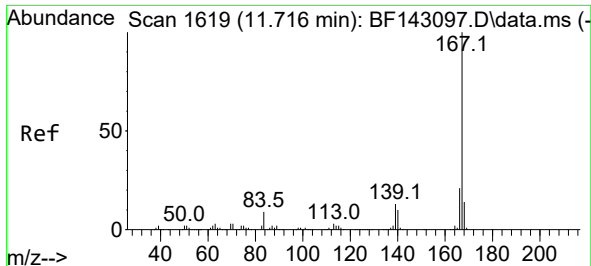


#72
Anthracene
Concen: 38.961 ng
RT: 11.569 min Scan# 1594
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05



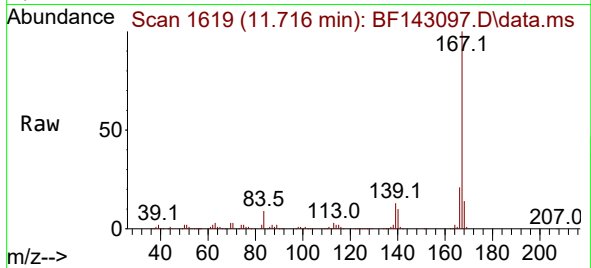
Tgt Ion:178 Resp: 780754
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.5 12.4 18.6





#73
 Carbazole
 Concen: 38.572 ng
 RT: 11.716 min Scan# 1619
 Delta R.T. 0.000 min
 Lab File: BF143097.D
 Acq: 15 Jul 2025 15:05

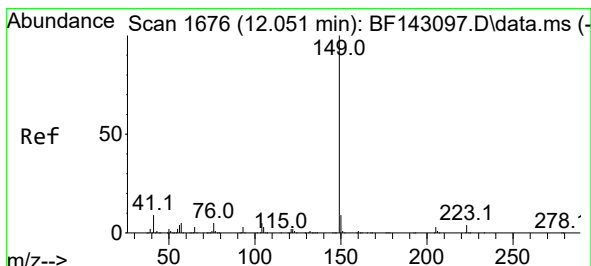
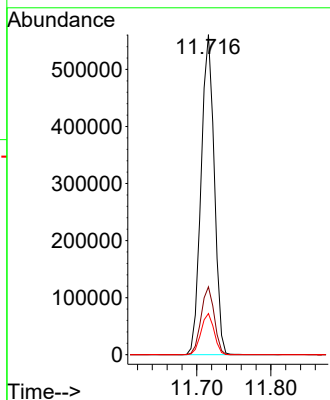
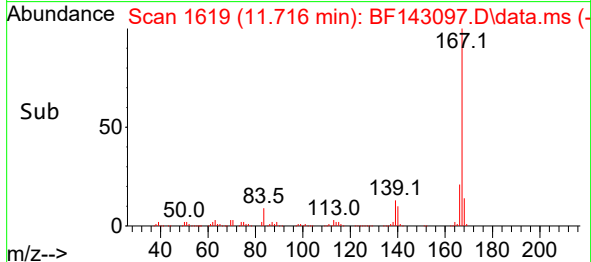
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040



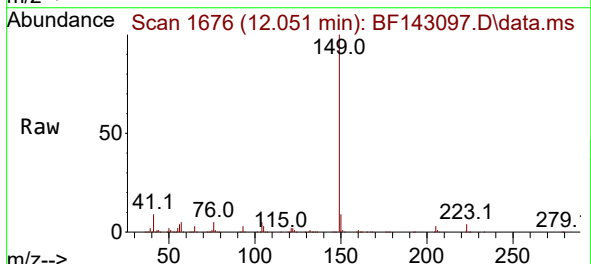
Tgt Ion:167 Resp: 692468
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.4
 139 12.8 10.2 15.4

Manual Integrations
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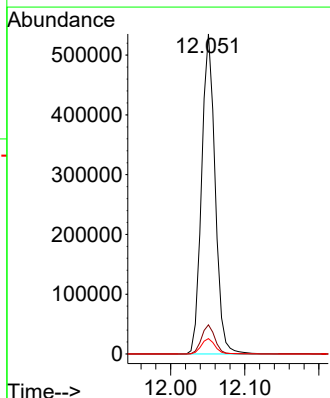
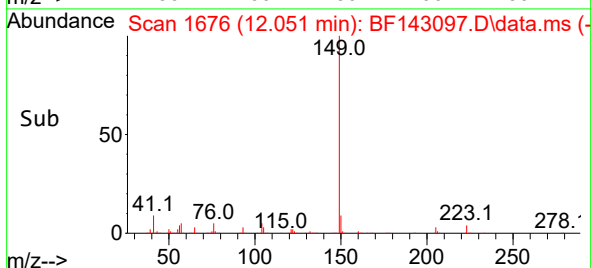
Reviewed By :Rahul Chavli 07/16/2025
 Supervised By :Jagrut Upadhyay 07/16/2025

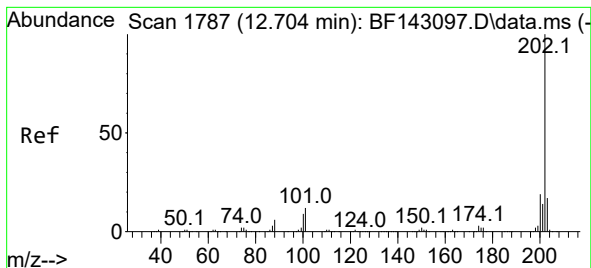


#74
 Di-n-butylphthalate
 Concen: 41.288 ng
 RT: 12.051 min Scan# 1676
 Delta R.T. 0.000 min
 Lab File: BF143097.D
 Acq: 15 Jul 2025 15:05



Tgt Ion:149 Resp: 680394
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 4.8 3.8 5.8





#75

Fluoranthene

Concen: 39.115 ng

RT: 12.704 min Scan# 1787

Delta R.T. 0.000 min

Lab File: BF143097.D

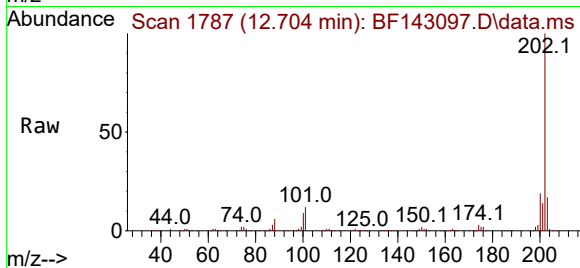
Acq: 15 Jul 2025 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



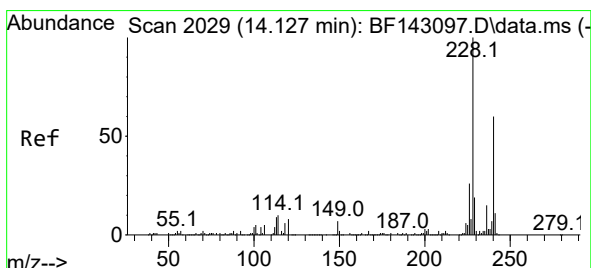
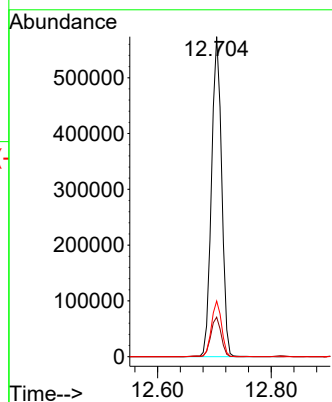
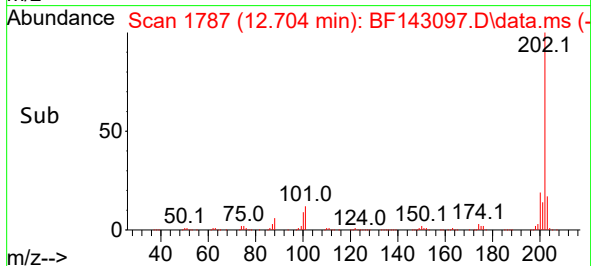
Tgt Ion:	202	Resp:	708730
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	32.4
203	17.4	0.0	37.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/16/2025

Supervised By :Jagrut Upadhyay 07/16/2025



#76

Chrysene-d12

Concen: 20.000 ng

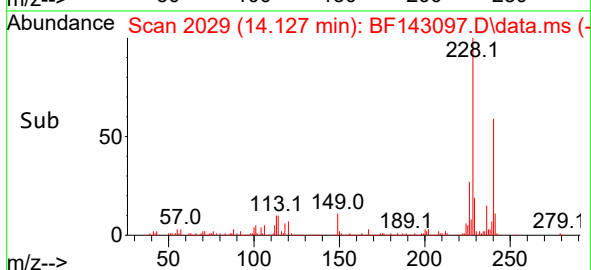
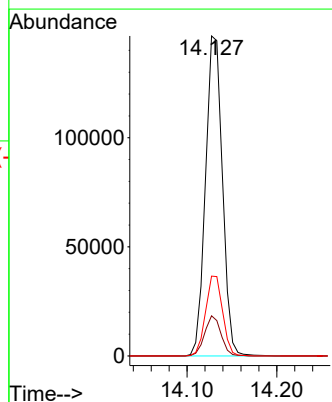
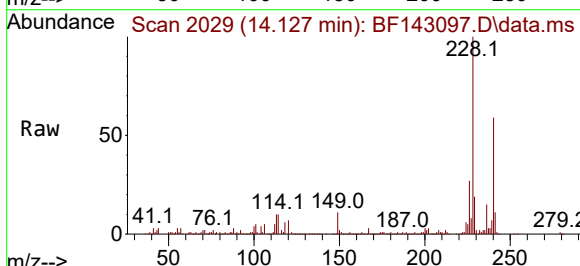
RT: 14.127 min Scan# 2029

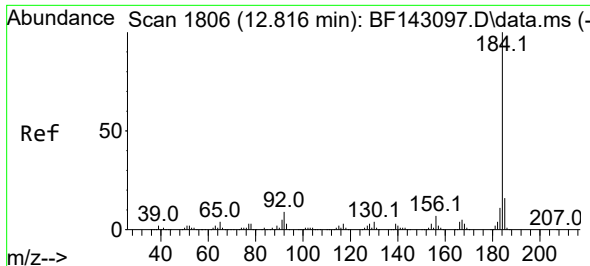
Delta R.T. 0.000 min

Lab File: BF143097.D

Acq: 15 Jul 2025 15:05

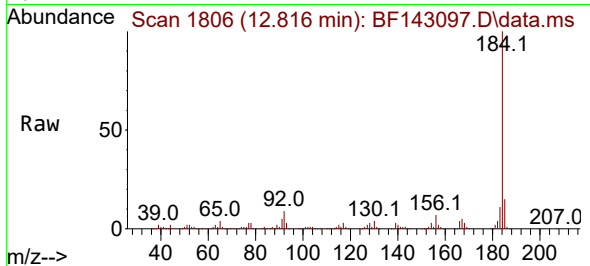
Tgt Ion:	240	Resp:	192349
Ion Ratio	Lower	Upper	
240	100		
120	12.5	10.0	15.0
236	25.0	20.0	30.0





#77
Benzidine
Concen: 48.989 ng
RT: 12.816 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

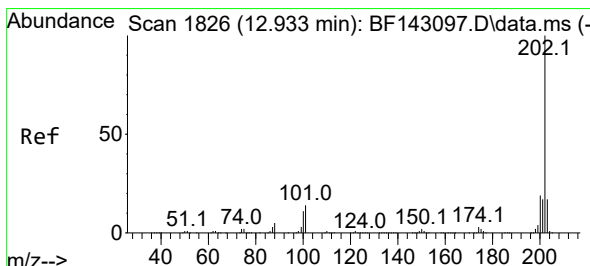
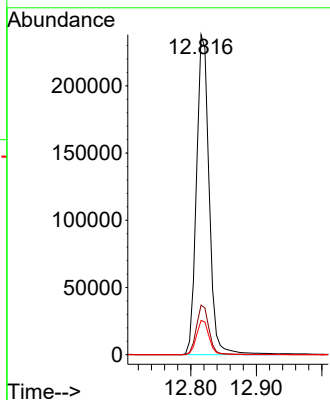
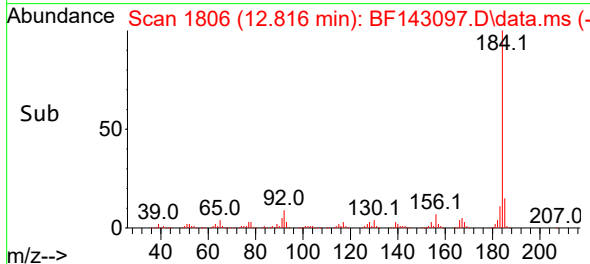
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



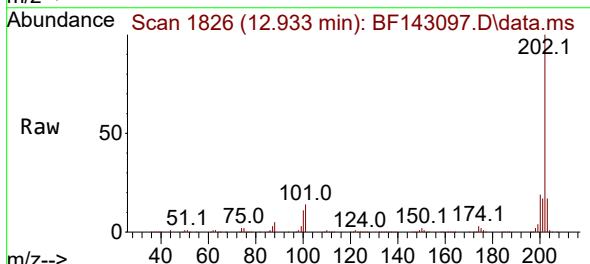
Tgt Ion:184 Resp: 321029
Ion Ratio Lower Upper
184 100
185 15.5 12.4 18.6
183 10.7 8.6 12.8

Manual Integrations
APPROVED

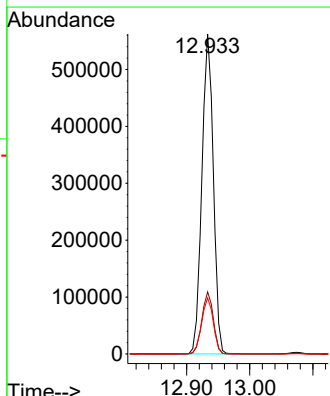
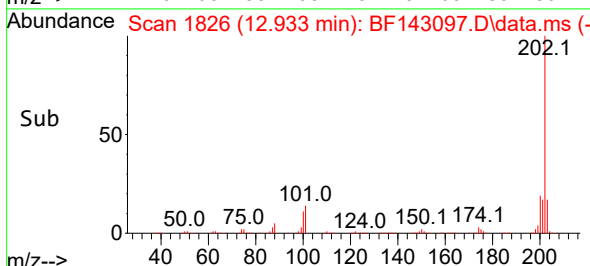
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

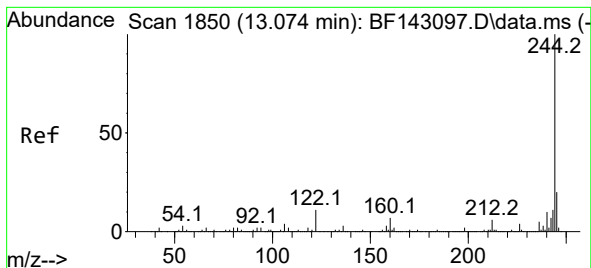


#78
Pyrene
Concen: 39.706 ng
RT: 12.933 min Scan# 1826
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05



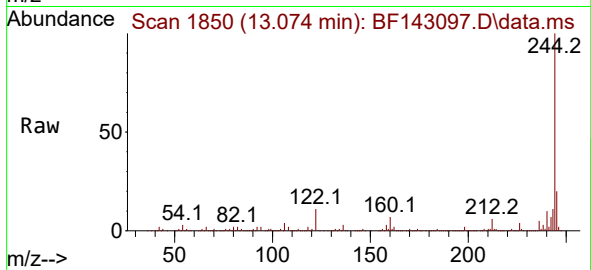
Tgt Ion:202 Resp: 708631
Ion Ratio Lower Upper
202 100
200 19.4 15.5 23.3
203 17.5 14.0 21.0





#79
 Terphenyl-d14
 Concen: 78.547 ng
 RT: 13.074 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: BF143097.D
 Acq: 15 Jul 2025 15:05

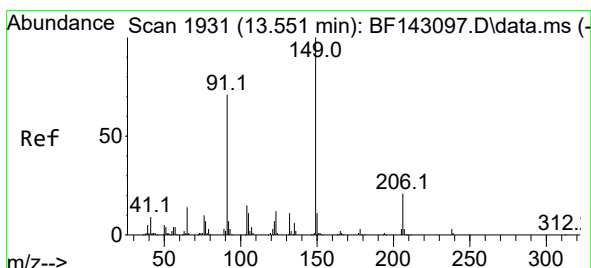
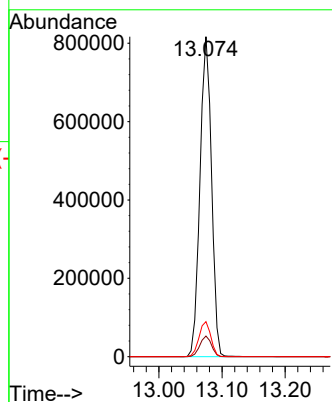
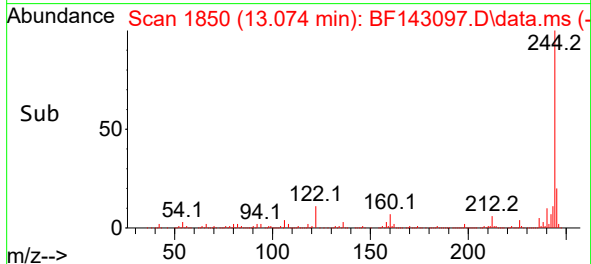
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040



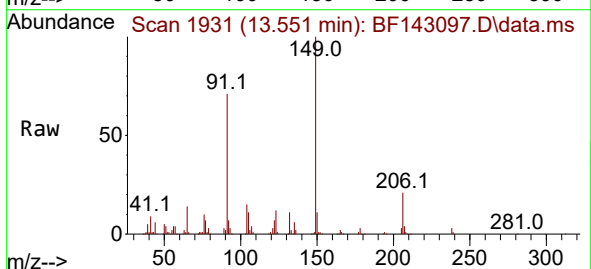
Tgt Ion:244 Resp: 1033540
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.2 7.8
 122 11.0 8.8 13.2

Manual Integrations
 APPROVED

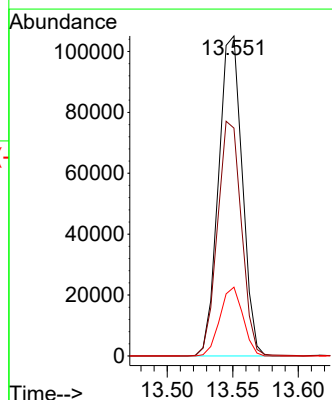
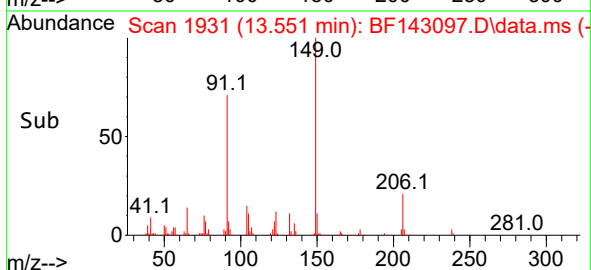
Reviewed By :Rahul Chavli 07/16/2025
 Supervised By :Jagrut Upadhyay 07/16/2025

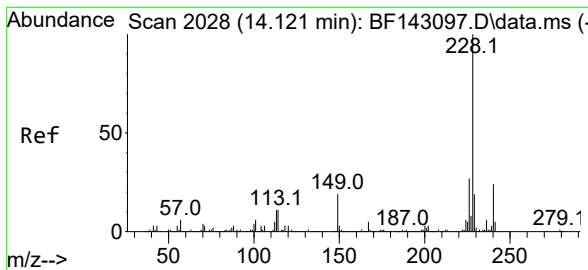


#80
 Butylbenzylphthalate
 Concen: 37.625 ng
 RT: 13.551 min Scan# 1931
 Delta R.T. -0.000 min
 Lab File: BF143097.D
 Acq: 15 Jul 2025 15:05



Tgt Ion:149 Resp: 132061
 Ion Ratio Lower Upper
 149 100
 91 71.2 57.0 85.4
 206 21.5 17.2 25.8





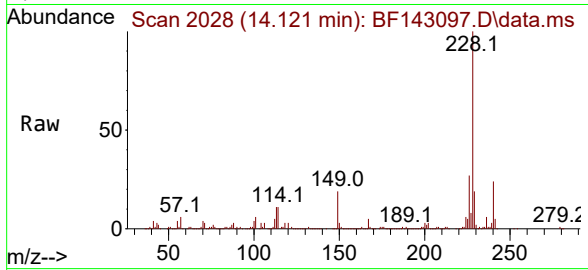
#81
Benzo(a)anthracene
Concen: 40.424 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



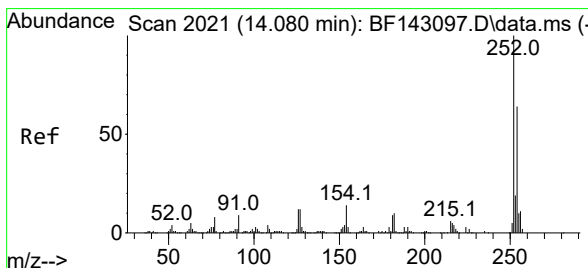
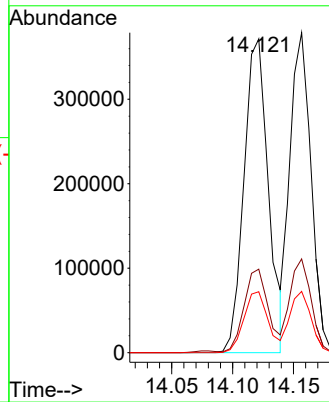
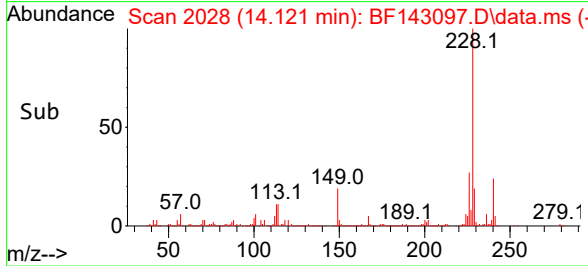
Tgt Ion:228 Resp: 51813
Ion Ratio Lower Upper
228 100
226 26.6 21.3 31.9
229 19.4 15.5 23.3

Manual Integrations

APPROVED

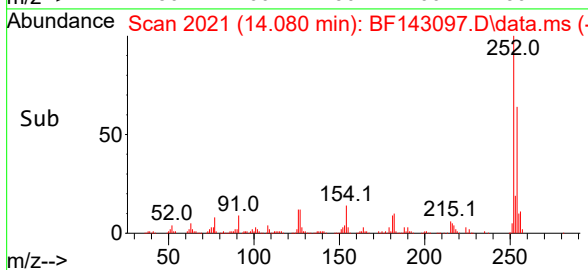
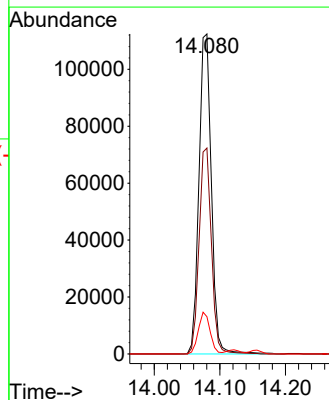
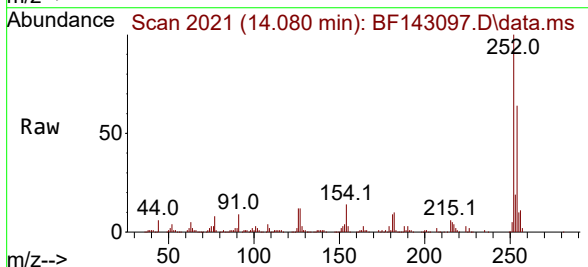
Reviewed By :Rahul Chavli 07/16/2025

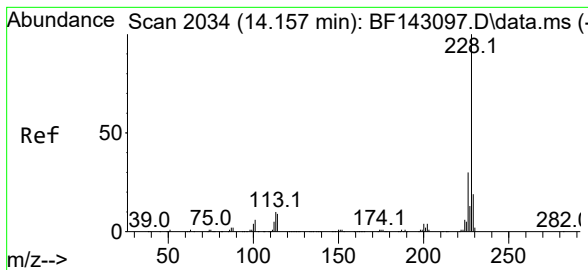
Supervised By :Jagrut Upadhyay 07/16/2025



#82
3,3'-Dichlorobenzidine
Concen: 39.841 ng
RT: 14.080 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:252 Resp: 148294
Ion Ratio Lower Upper
252 100
254 64.4 51.5 77.3
126 11.7 9.4 14.0





#83

Chrysene

Concen: 39.134 ng

RT: 14.157 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BF143097.D

Acq: 15 Jul 2025 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

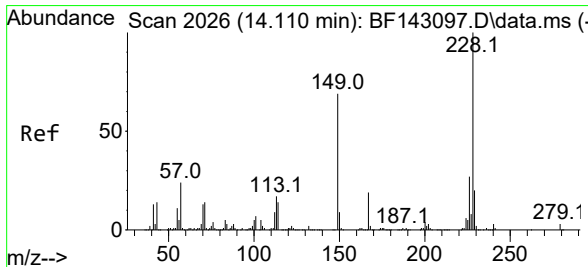
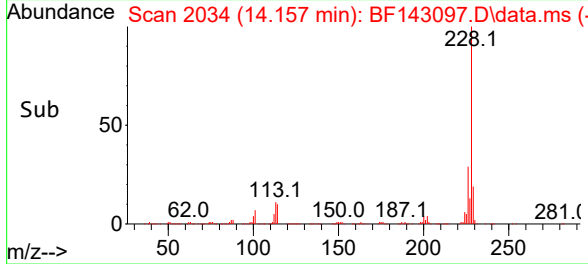
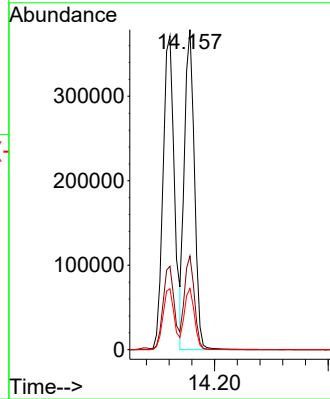
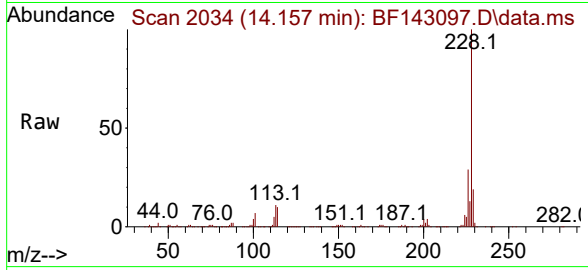
Tgt Ion:	228	Resp:	461979
Ion Ratio	Lower	Upper	
228	100		
226	29.3	23.4	35.2
229	19.1	15.3	22.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/16/2025

Supervised By :Jagrut Upadhyay 07/16/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.454 ng

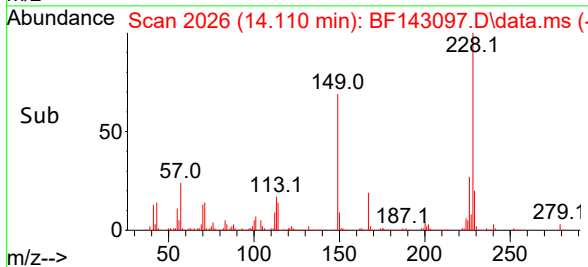
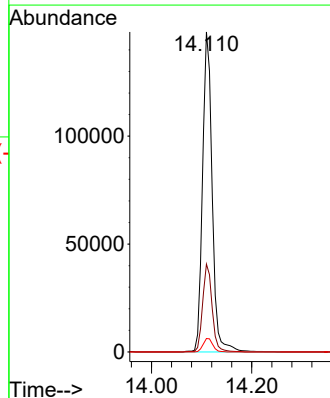
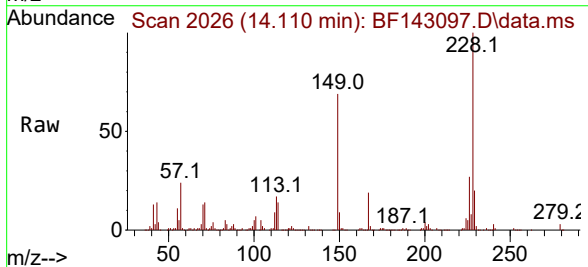
RT: 14.110 min Scan# 2026

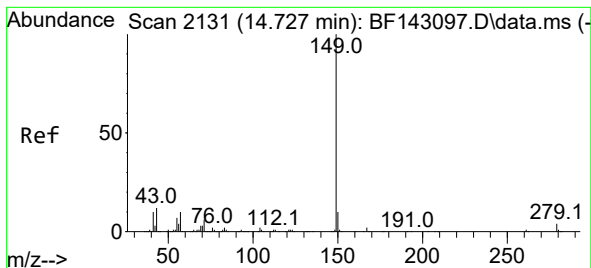
Delta R.T. -0.000 min

Lab File: BF143097.D

Acq: 15 Jul 2025 15:05

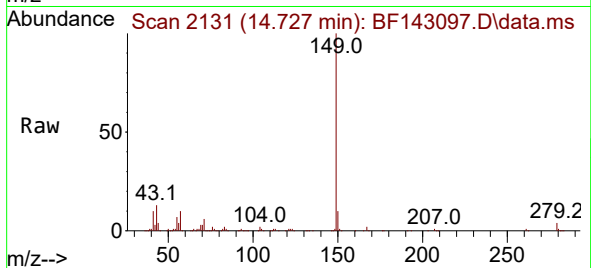
Tgt Ion:	149	Resp:	198176
Ion Ratio	Lower	Upper	
149	100		
167	27.4	21.9	32.9
279	4.2	3.4	5.0





#85
Di-n-octyl phthalate
Concen: 36.531 ng
RT: 14.727 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

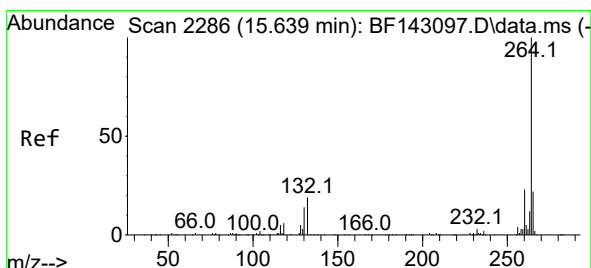
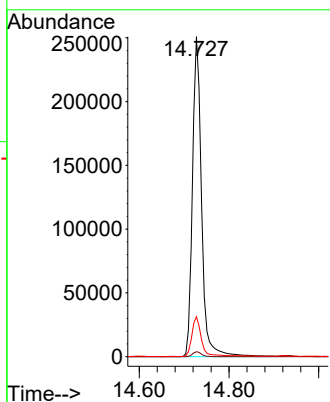
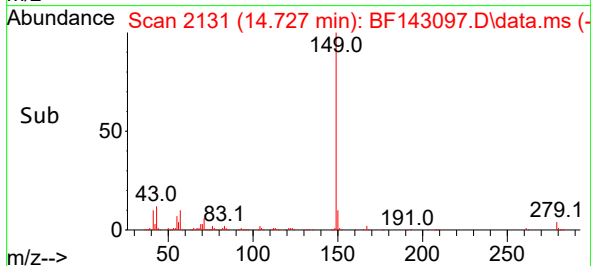
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



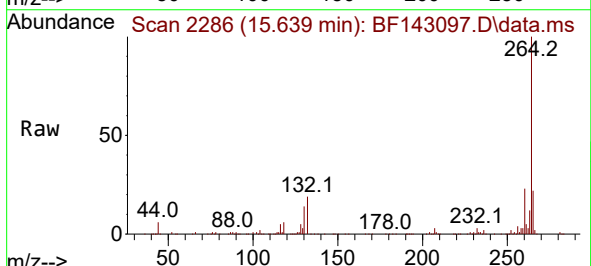
Tgt Ion:149 Resp: 35474
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 13.3 10.6 16.0

Manual Integrations
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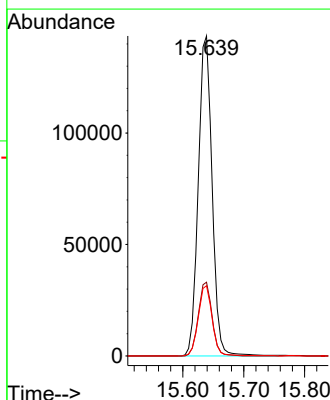
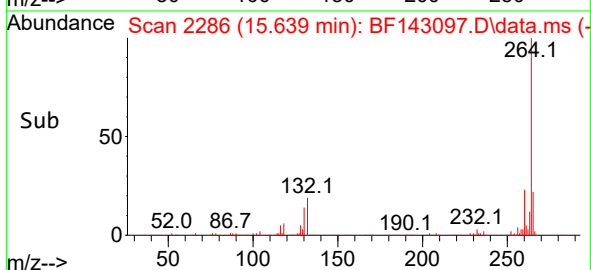
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

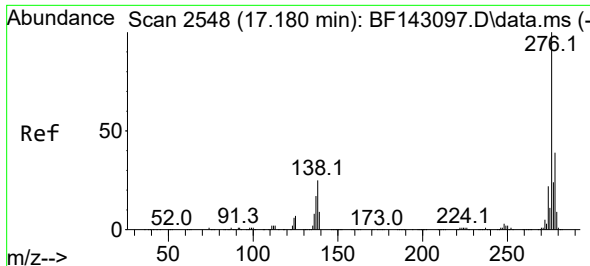


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.639 min Scan# 2286
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05



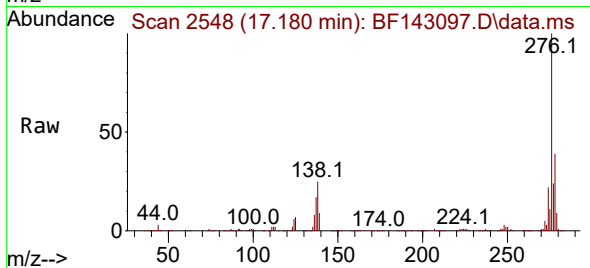
Tgt Ion:264 Resp: 226517
Ion Ratio Lower Upper
264 100
260 23.1 18.5 27.7
265 21.9 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.912 ng
RT: 17.180 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

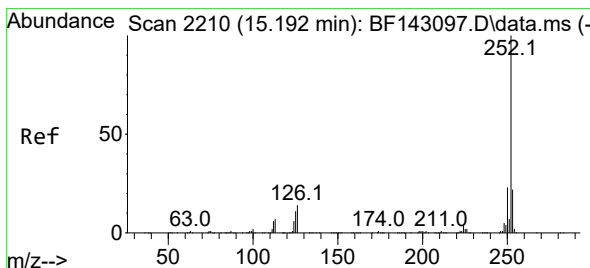
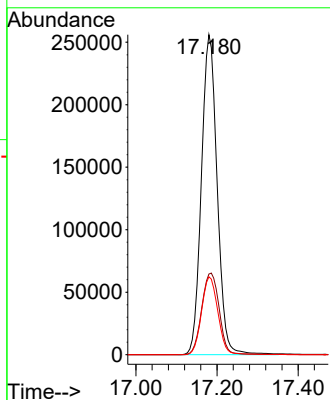
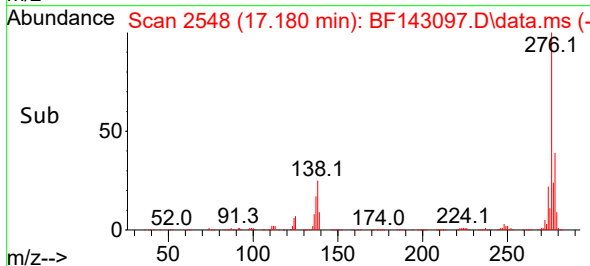
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



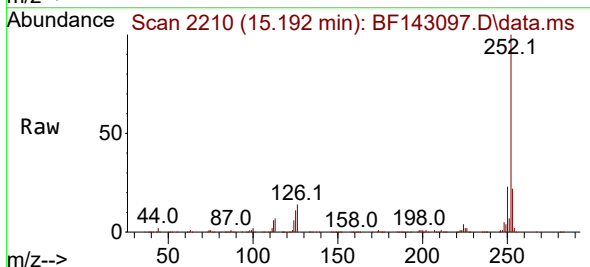
Tgt Ion:276 Resp: 68927
Ion Ratio Lower Upper
276 100
138 28.3 22.6 34.0
277 25.2 20.2 30.2

Manual Integrations
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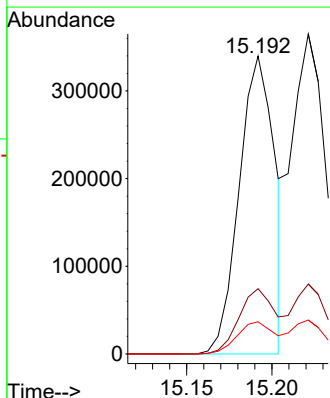
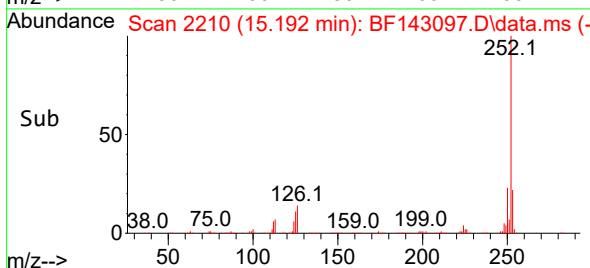
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

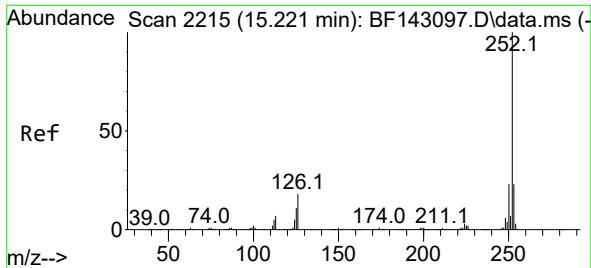


#88
Benzo(b)fluoranthene
Concen: 37.520 ng
RT: 15.192 min Scan# 2210
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05



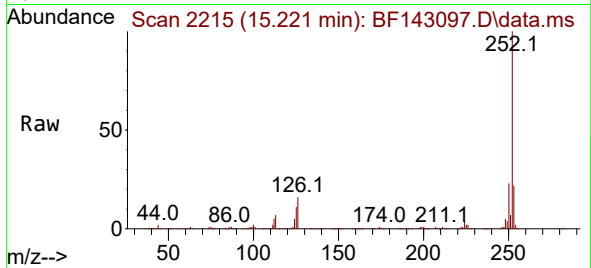
Tgt Ion:252 Resp: 490240
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.8 8.6 13.0





#89
Benzo(k)fluoranthene
Concen: 41.721 ng
RT: 15.221 min Scan# 2215
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

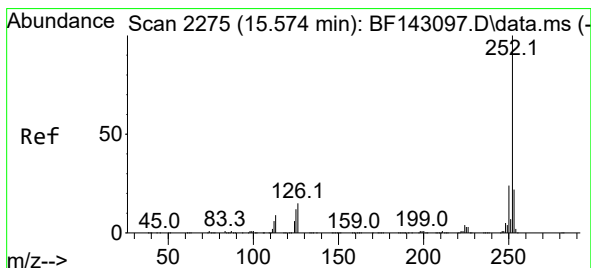
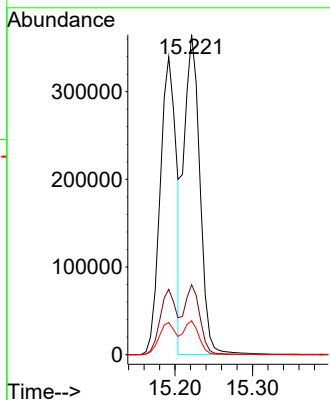
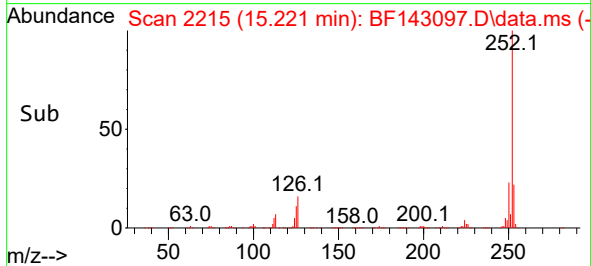
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



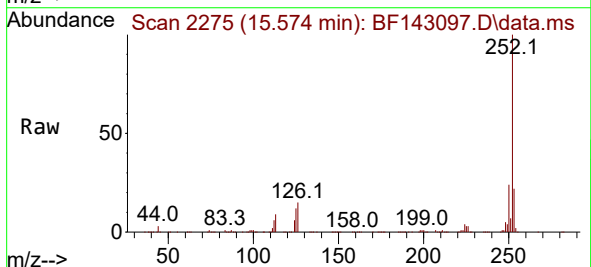
Tgt Ion:252 Resp: 520058
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 10.6 8.5 12.7

Manual Integrations
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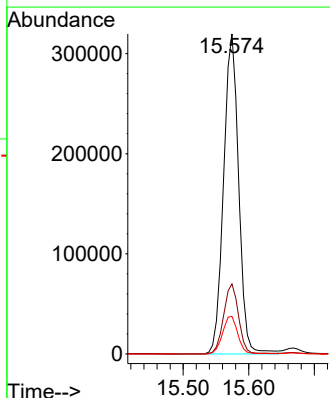
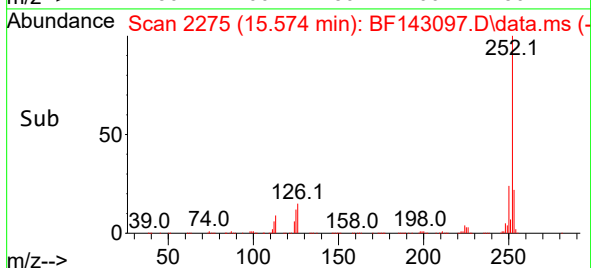
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

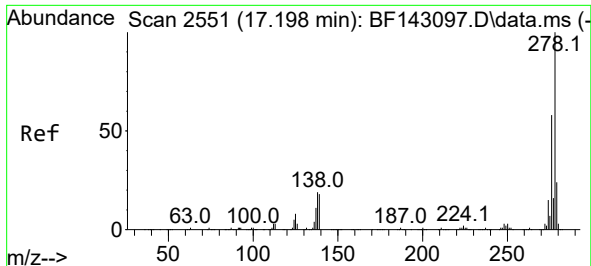


#90
Benzo(a)pyrene
Concen: 41.215 ng
RT: 15.574 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05



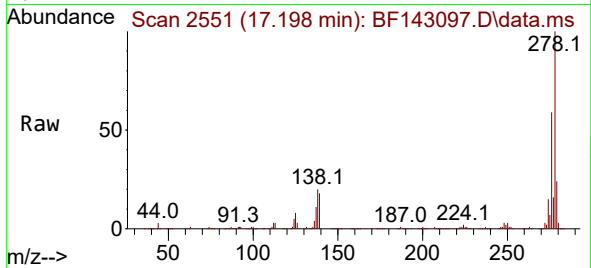
Tgt Ion:252 Resp: 509307
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 11.7 9.4 14.0





#91
Dibenzo(a,h)anthracene
Concen: 40.782 ng
RT: 17.198 min Scan# 2551
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

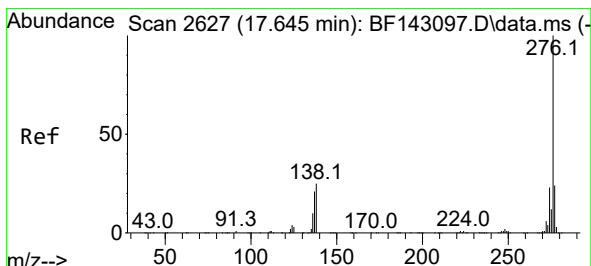
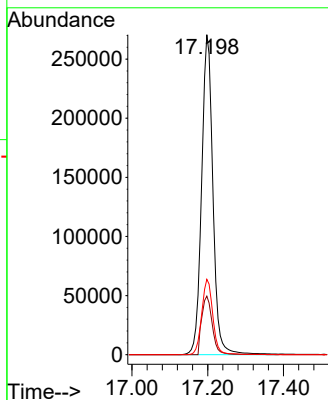
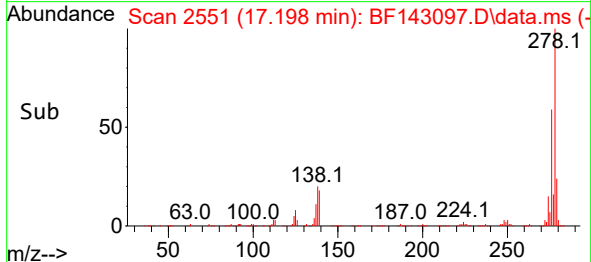
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



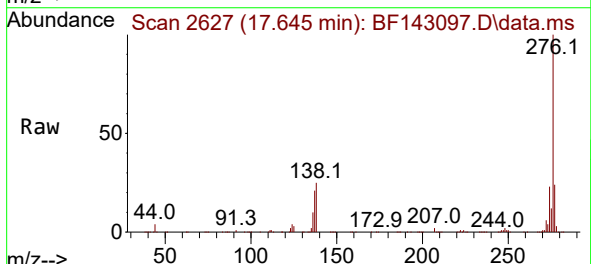
Tgt Ion:278 Resp: 56166
Ion Ratio Lower Upper
278 100
139 18.3 14.6 22.0
279 23.5 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025



#92
Benzo(g,h,i)perylene
Concen: 40.584 ng
RT: 17.645 min Scan# 2627
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05



Tgt Ion:276 Resp: 569850
Ion Ratio Lower Upper
276 100
277 24.0 19.2 28.8
138 24.7 19.8 29.6

