

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101425\
 Data File : BF143946.D
 Acq On : 14 Oct 2025 13:57
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2025
 Supervised By :mohammad ahmed 10/17/2025

Quant Time: Oct 14 14:44:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	131735	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	483664	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	238586	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	401091	20.000	ng	0.00
76) Chrysene-d12	14.063	240	215371	20.000	ng	0.00
86) Perylene-d12	15.545	264	223666	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	690421	83.226	ng	0.00
7) Phenol-d6	6.510	99	811974	82.116	ng	0.00
23) Nitrobenzene-d5	7.445	82	682662	85.752	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	189633	79.800	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1136532	75.586	ng	0.00
79) Terphenyl-d14	13.004	244	1149086	91.186	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	169001	44.024	ng	96
3) Pyridine	3.399	79	480430	42.990	ng	98
4) n-Nitrosodimethylamine	3.352	42	236372	40.207	ng	94
6) Aniline	6.545	93	588388	39.710	ng	100
8) 2-Chlorophenol	6.669	128	342924	42.289	ng	99
9) Benzaldehyde	6.434	77	324748	42.575	ng	98
10) Phenol	6.522	94	498291m	42.151	ng	
11) bis(2-Chloroethyl)ether	6.616	93	374945	41.059	ng	96
12) 1,3-Dichlorobenzene	6.822	146	385674	39.733	ng	99
13) 1,4-Dichlorobenzene	6.904	146	389372	40.666	ng	99
14) 1,2-Dichlorobenzene	7.051	146	376141	41.014	ng	99
15) Benzyl Alcohol	7.022	79	296222	39.983	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	836311	40.234	ng	99
17) 2-Methylphenol	7.134	107	267271	39.882	ng	99
18) Hexachloroethane	7.398	117	132810	41.592	ng	96
19) n-Nitroso-di-n-propyla...	7.298	70	228389	33.743	ng	99
20) 3+4-Methylphenols	7.287	107	301950	38.875	ng	# 86
22) Acetophenone	7.292	105	389320	38.069	ng	97
24) Nitrobenzene	7.469	77	374413	42.351	ng	98
25) Isophorone	7.704	82	618157	36.826	ng	100
26) 2-Nitrophenol	7.781	139	174296	45.985	ng	98
27) 2,4-Dimethylphenol	7.816	122	267205	39.190	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	398619	37.593	ng	99
29) 2,4-Dichlorophenol	8.022	162	281062	39.575	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	292262	41.843	ng	99
31) Naphthalene	8.192	128	875804	39.806	ng	100
32) Benzoic acid	7.922	122	173523	36.773	ng	93
33) 4-Chloroaniline	8.234	127	312547	37.877	ng	98
34) Hexachlorobutadiene	8.304	225	195169	40.211	ng	99
35) Caprolactam	8.610	113	83372	36.920	ng	94
36) 4-Chloro-3-methylphenol	8.716	107	257833	37.794	ng	99
37) 2-Methylnaphthalene	8.881	142	541743	36.965	ng	99
38) 1-Methylnaphthalene	8.981	142	514512	36.193	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	283503	42.993	ng	99
41) Hexachlorocyclopentadiene	9.034	237	93838	34.302	ng	97
43) 2,4,6-Trichlorophenol	9.157	196	193277	40.115	ng	96

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
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Manual Integrations
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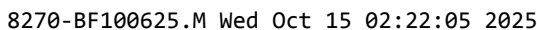
Reviewed By :Jagrut Upadhyay 10/14/2025
 Supervised By :mohammad ahmed 10/17/2025

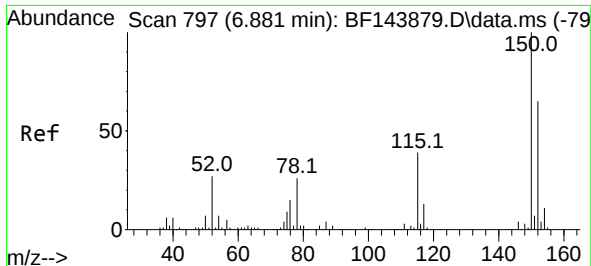
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	211314	41.502	ng	99
46) 1,1'-Biphenyl	9.345	154	641629	40.618	ng	99
47) 2-Chloronaphthalene	9.369	162	540831	41.064	ng	97
48) 2-Nitroaniline	9.463	65	188709	45.320	ng	98
49) Acenaphthylene	9.786	152	751334	40.578	ng	99
50) Dimethylphthalate	9.639	163	618312	40.809	ng	99
51) 2,6-Dinitrotoluene	9.704	165	126824	45.141	ng	98
52) Acenaphthene	9.957	154	490216	40.405	ng	99
53) 3-Nitroaniline	9.875	138	147312	42.822	ng	96
54) 2,4-Dinitrophenol	9.981	184	59081	38.075	ng	97
55) Dibenzofuran	10.133	168	690158	40.297	ng	98
56) 4-Nitrophenol	10.033	139	106964	41.065	ng	97
57) 2,4-Dinitrotoluene	10.110	165	175714	45.966	ng	97
58) Fluorene	10.475	166	515449	39.886	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	149408	41.453	ng	# 97
60) Diethylphthalate	10.345	149	569179	40.437	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	281308	41.172	ng	100
62) 4-Nitroaniline	10.492	138	137840	41.668	ng	97
63) Azobenzene	10.628	77	623168	42.361	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	92947	46.114	ng	97
66) n-Nitrosodiphenylamine	10.586	169	510617	40.545	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	179555	40.507	ng	99
68) Hexachlorobenzene	11.022	284	204767	39.902	ng	98
69) Atrazine	11.110	200	150571	39.446	ng	99
70) Pentachlorophenol	11.216	266	110105	37.358	ng	98
71) Phenanthrene	11.439	178	779766	40.101	ng	100
72) Anthracene	11.492	178	792245	40.330	ng	99
73) Carbazole	11.645	167	699298	40.194	ng	99
74) Di-n-butylphthalate	11.975	149	855352	42.420	ng	99
75) Fluoranthene	12.633	202	794413	39.552	ng	99
77) Benzidine	12.757	184	253067	33.841	ng	98
78) Pyrene	12.863	202	807540	44.975	ng	100
80) Butylbenzylphthalate	13.480	149	279216	47.883	ng	100
81) Benzo(a)anthracene	14.057	228	618496	43.884	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	167715	39.048	ng	98
83) Chrysene	14.092	228	535510	41.053	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	326413	46.436	ng	100
85) Di-n-octyl phthalate	14.657	149	501872	43.470	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	654042	47.723	ng	97
88) Benzo(b)fluoranthene	15.110	252	527965	41.093	ng	99
89) Benzo(k)fluoranthene	15.139	252	458608	38.576	ng	99
90) Benzo(a)pyrene	15.486	252	465078	41.746	ng	# 98
91) Dibenzo(a,h)anthracene	17.068	278	516947	46.900	ng	97
92) Benzo(g,h,i)perylene	17.509	276	520481	47.220	ng	97

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

Manual Integrations APPROVED

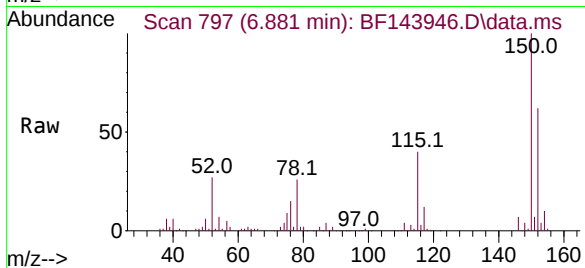
Quant Time: Oct 14 14:44:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
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QLast Update : Mon Oct 06 15:29:47 2025
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

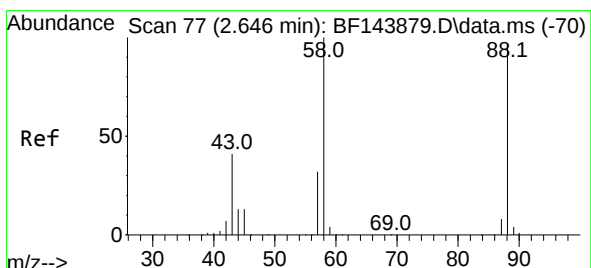
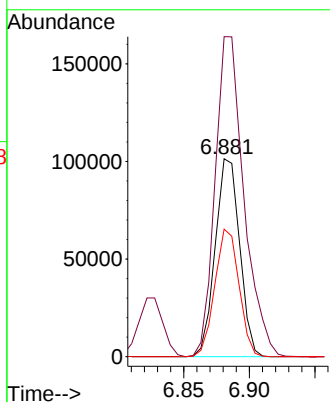
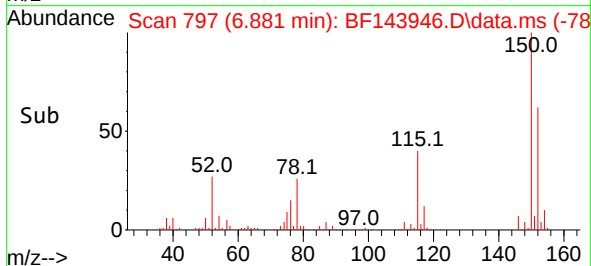
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



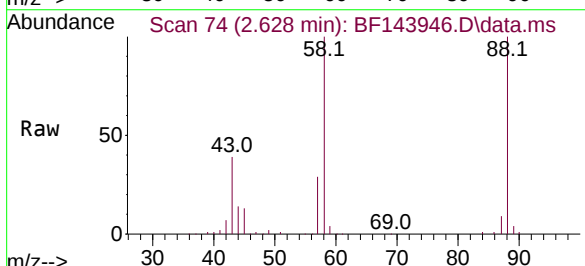
Tgt Ion:152 Resp: 131735
Ion Ratio Lower Upper
152 100
150 161.8 124.4 186.6
115 64.4 48.1 72.1

Manual Integrations
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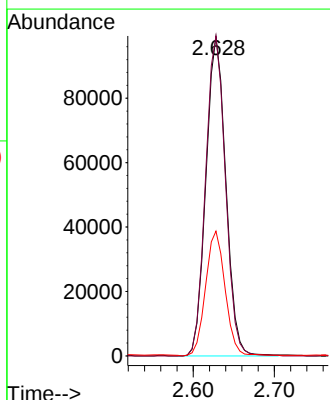
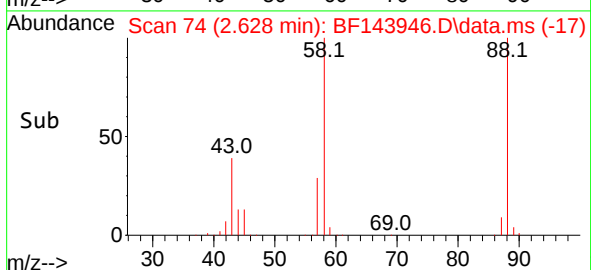
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

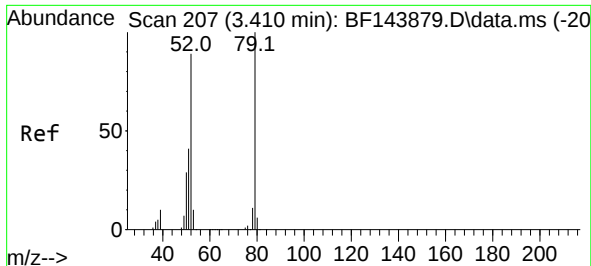


#2
1,4-Dioxane
Concen: 44.024 ng
RT: 2.628 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57



Tgt Ion: 88 Resp: 169001
Ion Ratio Lower Upper
88 100
58 99.9 83.0 124.6
43 38.6 33.9 50.9





#3

Pyridine

Concen: 42.990 ng

RT: 3.399 min Scan# 207

Delta R.T. -0.018 min

Lab File: BF143946.D

Acq: 14 Oct 2025 13:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 480430

Ion Ratio Lower Upper

79 100

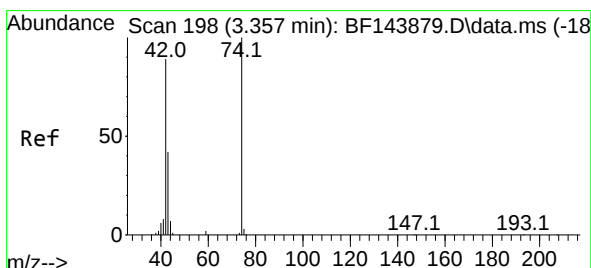
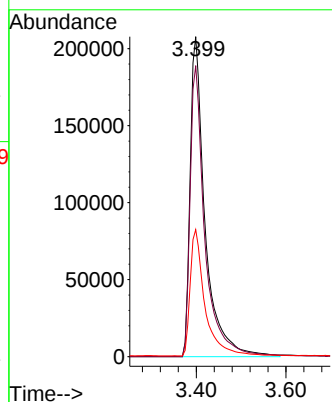
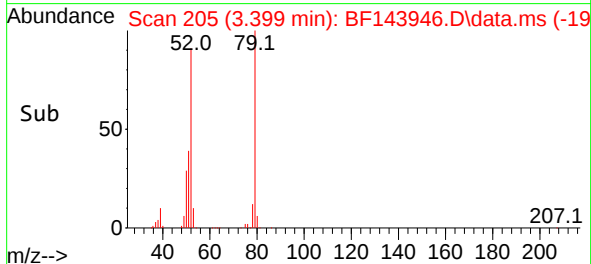
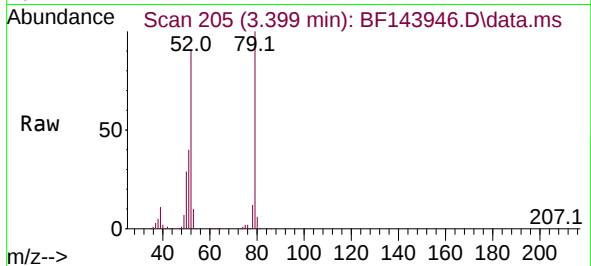
52 90.9 71.5 107.3

51 39.7 32.9 49.3

Manual Integrations

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Supervised By :mohammad ahmed 10/17/2025



#4

n-Nitrosodimethylamine

Concen: 40.207 ng

RT: 3.352 min Scan# 197

Delta R.T. -0.035 min

Lab File: BF143946.D

Acq: 14 Oct 2025 13:57

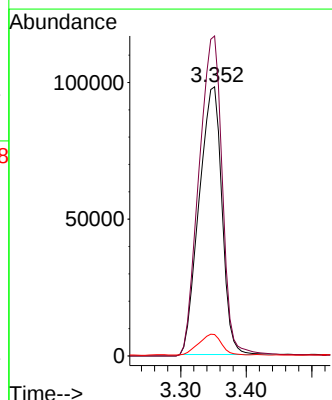
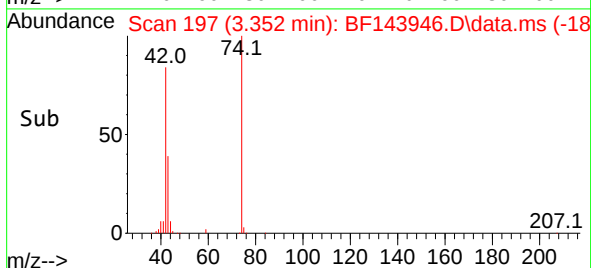
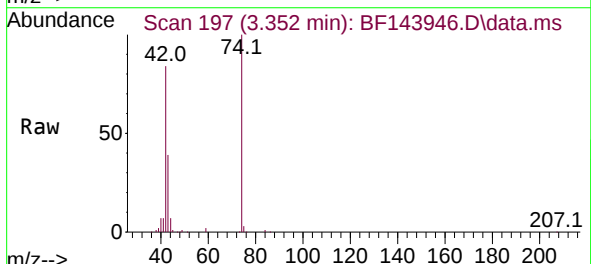
Tgt Ion: 42 Resp: 236372

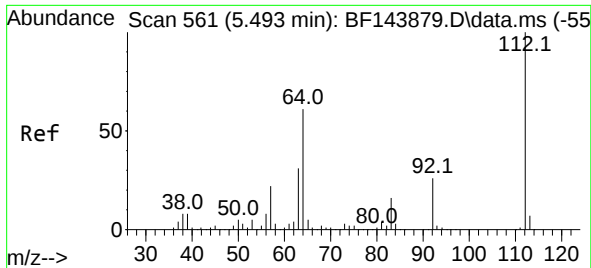
Ion Ratio Lower Upper

42 100

74 118.9 90.0 135.0

44 7.9 6.2 9.2





#5
2-Fluorophenol
Concen: 83.226 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.006 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

Instrument :

BNA_F

ClientSampleId :

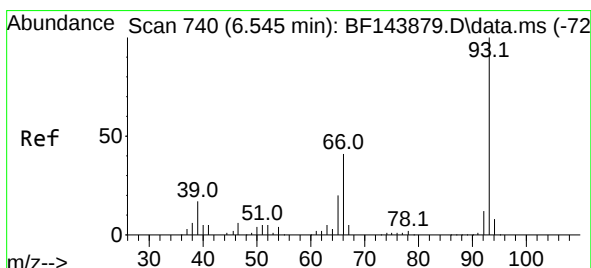
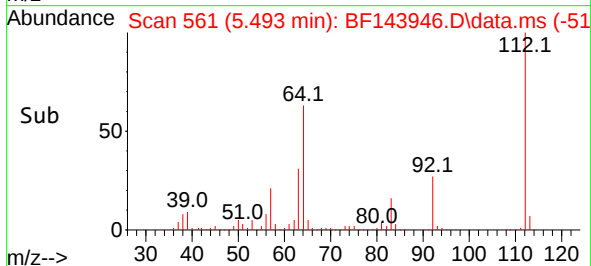
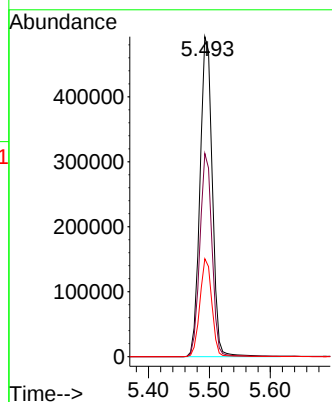
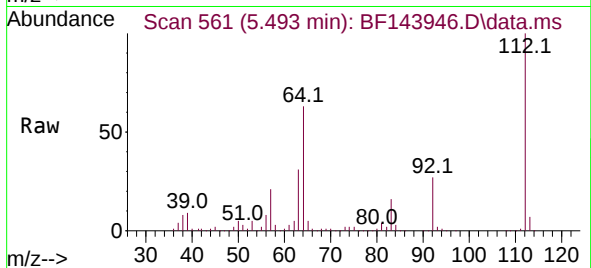
SSTDCCC040

Tgt Ion:112 Resp: 690421
Ion Ratio Lower Upper
112 100
64 63.5 49.1 73.7
63 30.6 24.5 36.7

Manual Integrations

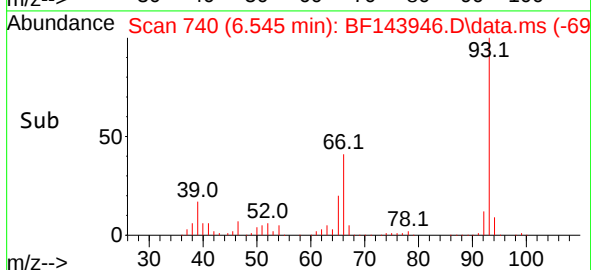
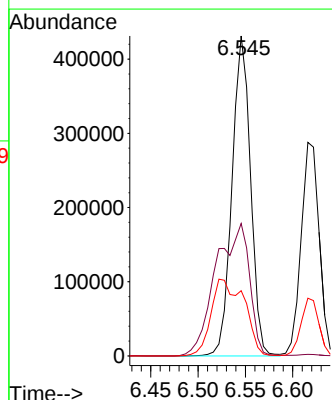
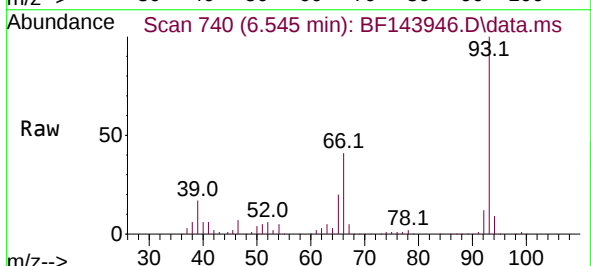
APPROVED

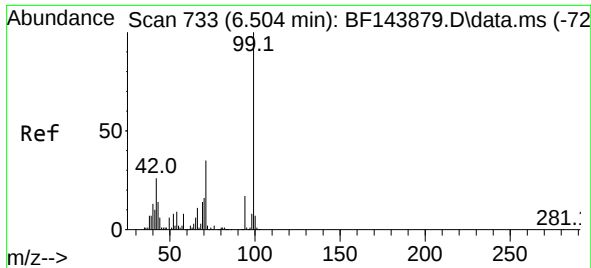
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025



#6
Aniline
Concen: 39.710 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

Tgt Ion: 93 Resp: 588388
Ion Ratio Lower Upper
93 100
66 41.4 33.0 49.6
65 20.4 15.8 23.8





#7

Phenol-d6

Concen: 82.116 ng

RT: 6.510 min Scan# 734

Delta R.T. -0.006 min

Lab File: BF143946.D

Acq: 14 Oct 2025 13:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 811974

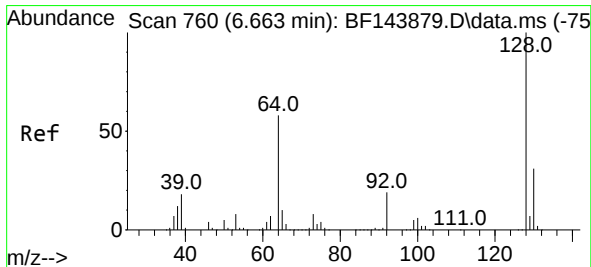
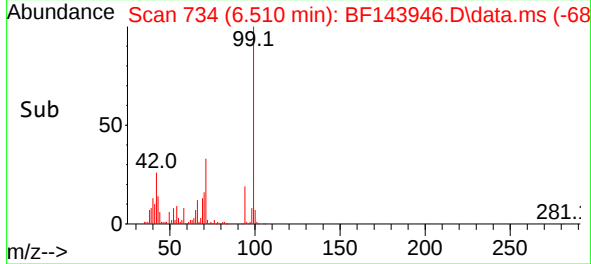
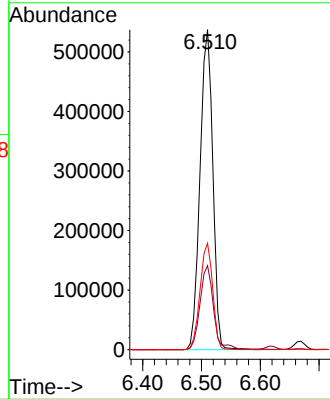
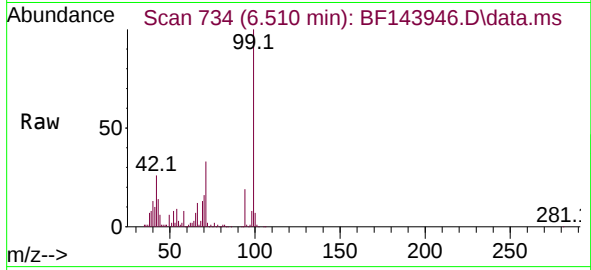
Ion	Ratio	Lower	Upper
99	100		
42	26.2	21.0	31.4
71	33.2	27.8	41.8

Manual Integrations

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Supervised By :mohammad ahmed 10/17/2025



#8

2-Chlorophenol

Concen: 42.289 ng

RT: 6.669 min Scan# 761

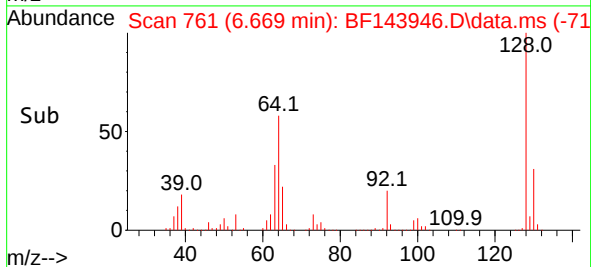
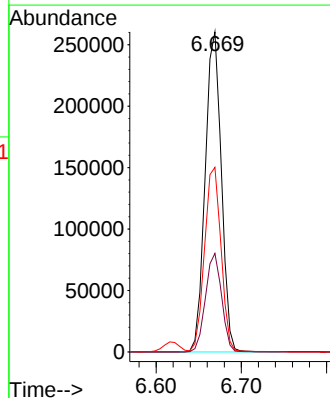
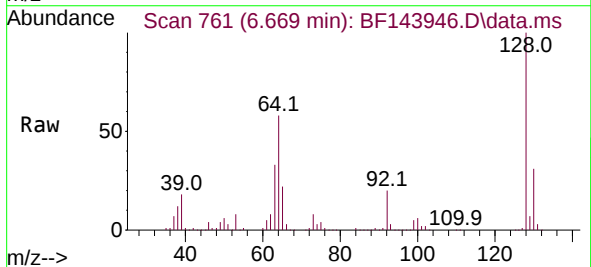
Delta R.T. 0.000 min

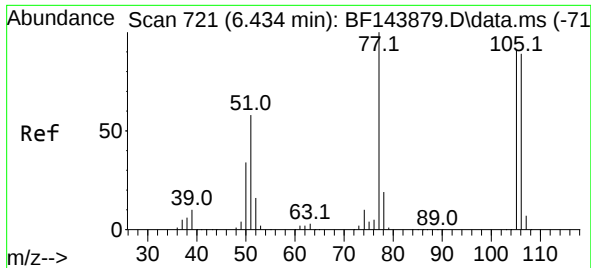
Lab File: BF143946.D

Acq: 14 Oct 2025 13:57

Tgt Ion:128 Resp: 342924

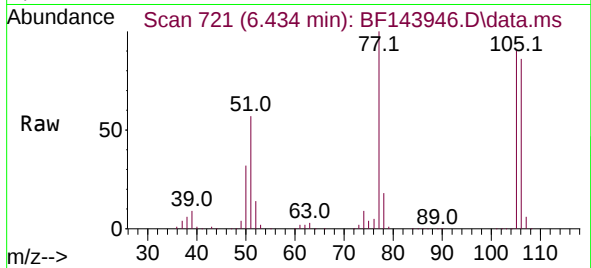
Ion	Ratio	Lower	Upper
128	100		
130	30.8	10.7	50.7
64	57.7	39.0	79.0





#9
Benzaldehyde
Concen: 42.575 ng
RT: 6.434 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

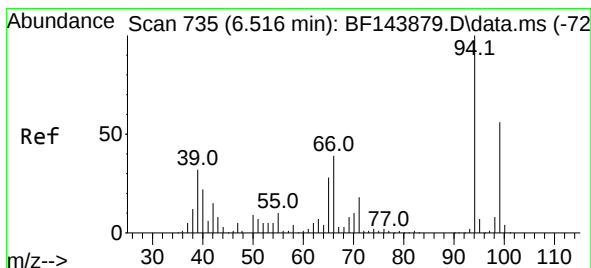
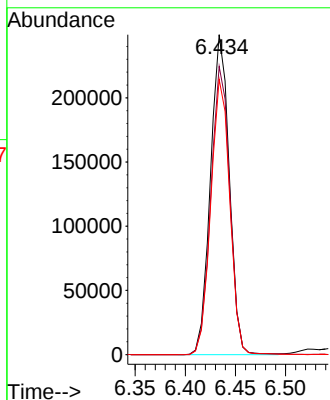
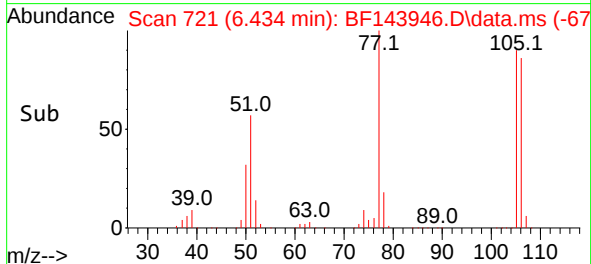
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 324748
Ion Ratio Lower Upper
77 100
105 90.1 70.9 110.9
106 86.0 68.9 108.9

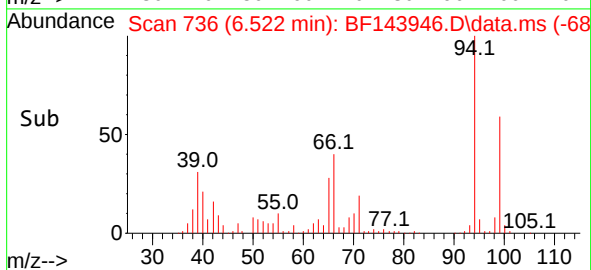
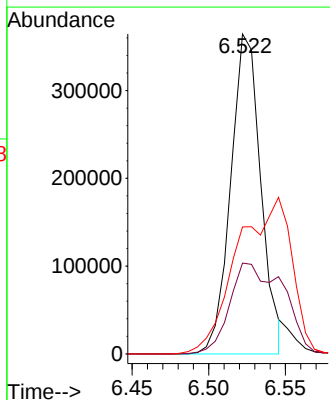
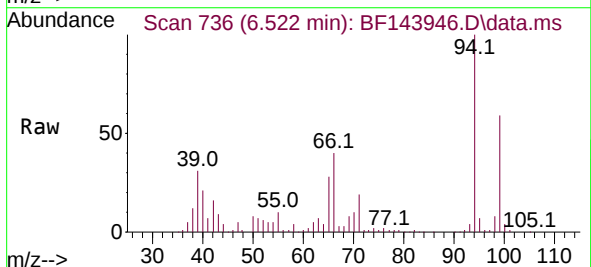
Manual Integrations
APPROVED

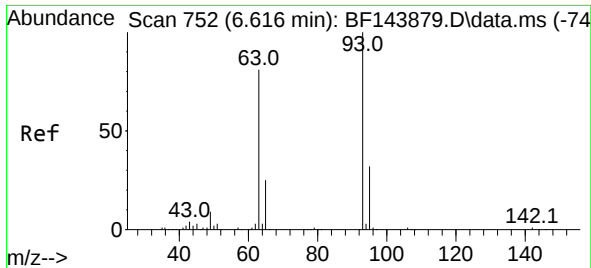
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025



#10
Phenol
Concen: 42.151 ng m
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

Tgt Ion: 94 Resp: 498291
Ion Ratio Lower Upper
94 100
65 28.4 8.5 48.5
66 39.7 19.9 59.9





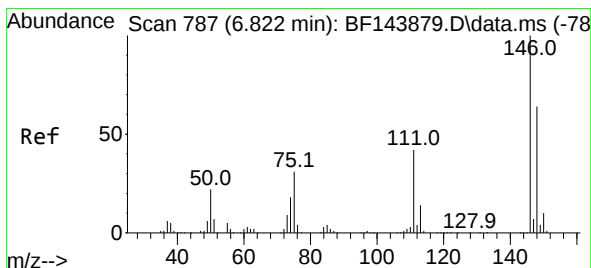
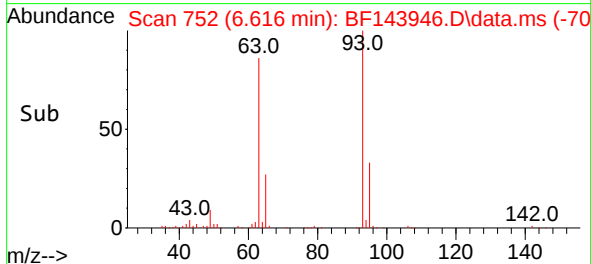
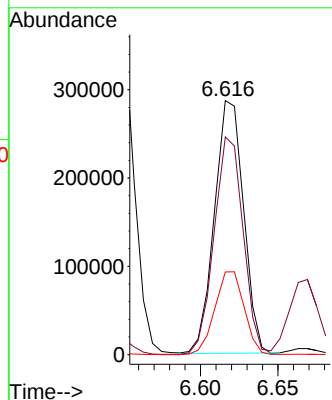
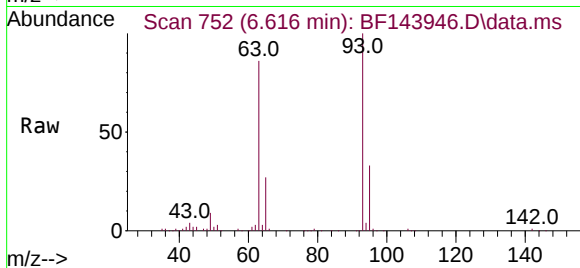
#11
bis(2-Chloroethyl)ether
Concen: 41.059 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 374945
Ion Ratio Lower Upper
93 100
63 85.7 60.9 100.9
95 32.6 11.5 51.5

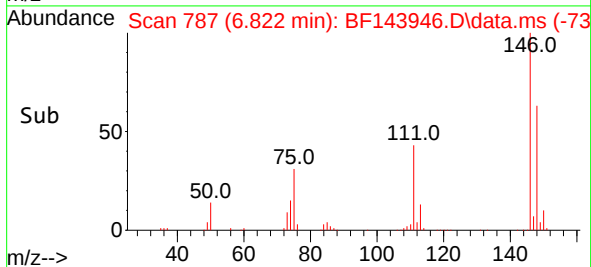
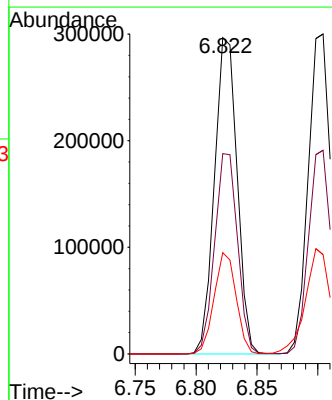
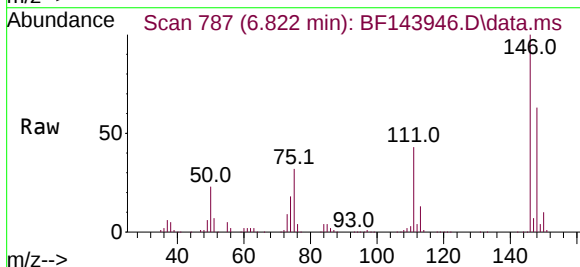
Manual Integrations
APPROVED

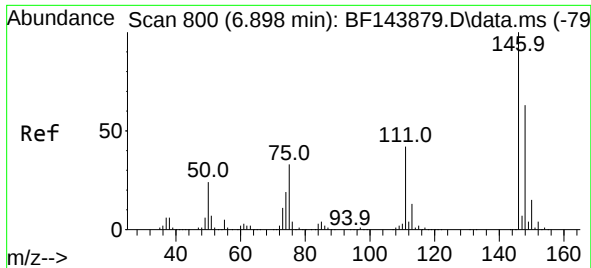
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025



#12
1,3-Dichlorobenzene
Concen: 39.733 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

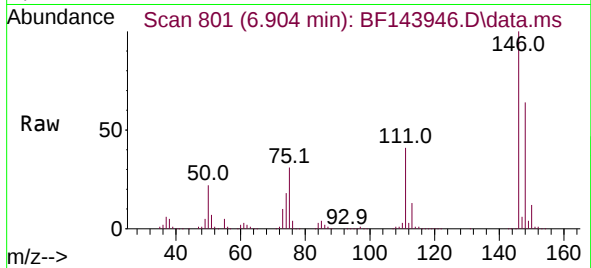
Tgt Ion:146 Resp: 385674
Ion Ratio Lower Upper
146 100
148 63.3 51.0 76.4
75 32.0 24.9 37.3





#13
1,4-Dichlorobenzene
Concen: 40.666 ng
RT: 6.904 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

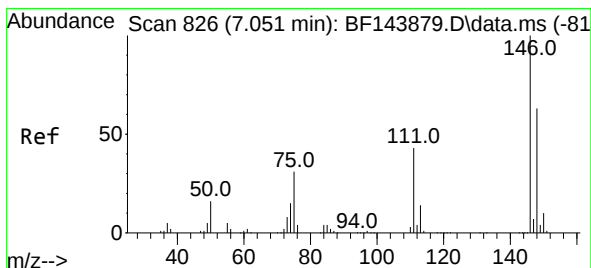
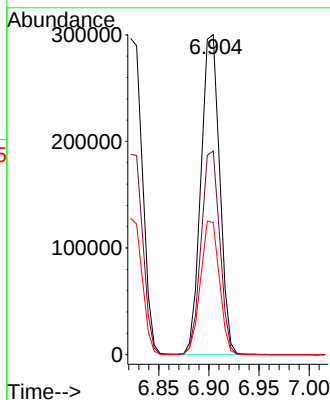
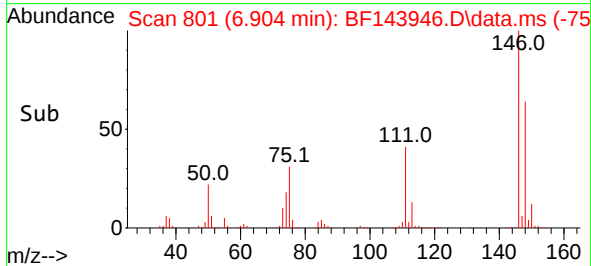
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



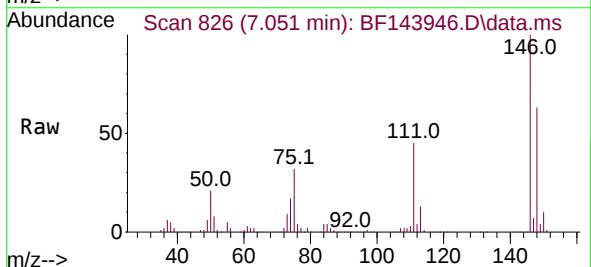
Tgt Ion:146 Resp: 389372
Ion Ratio Lower Upper
146 100
148 63.6 50.5 75.7
111 41.3 33.4 50.0

Manual Integrations
APPROVED

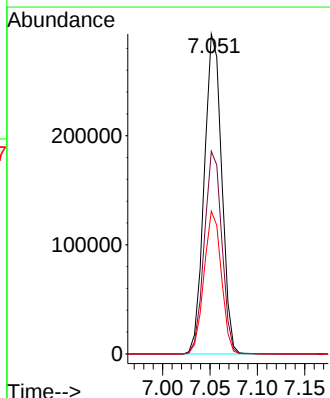
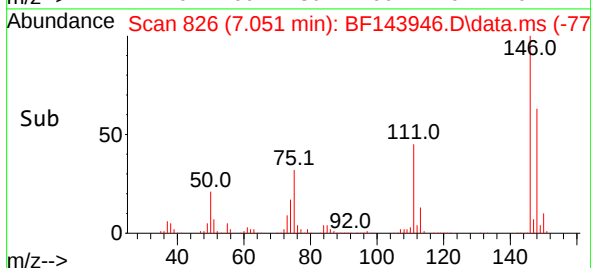
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

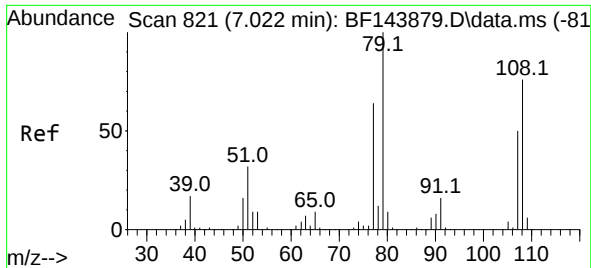


#14
1,2-Dichlorobenzene
Concen: 41.014 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57



Tgt Ion:146 Resp: 376141
Ion Ratio Lower Upper
146 100
148 63.4 50.6 75.8
111 44.6 34.6 51.8





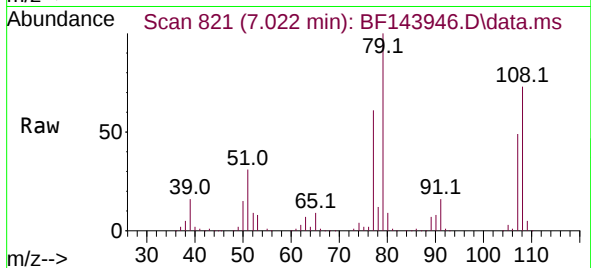
#15
Benzyl Alcohol
Concen: 39.983 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.012 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

Instrument :

BNA_F

ClientSampleId :

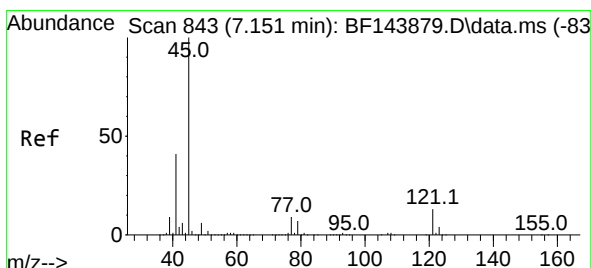
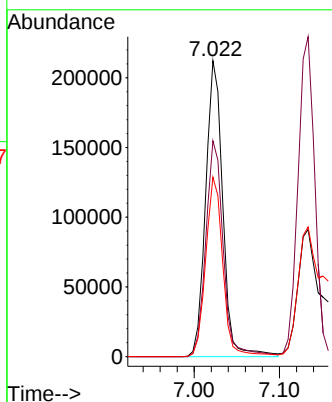
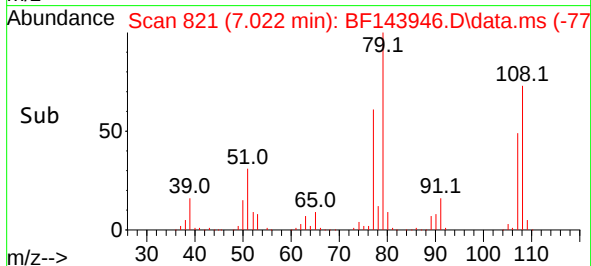
SSTDCCC040



Tgt Ion: 79 Resp: 296222
Ion Ratio Lower Upper
79 100
108 72.9 60.8 91.2
77 60.6 51.0 76.6

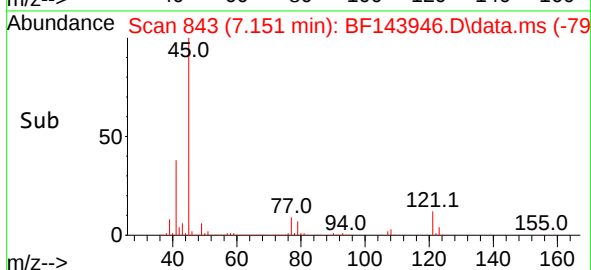
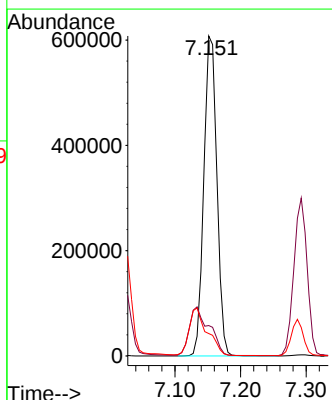
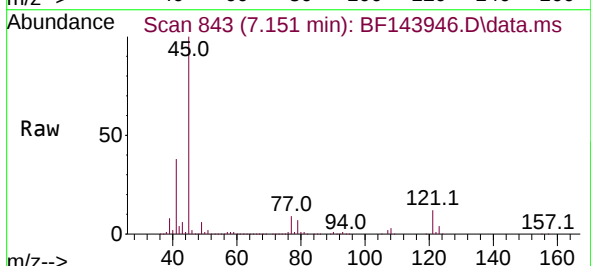
Manual Integrations
APPROVED

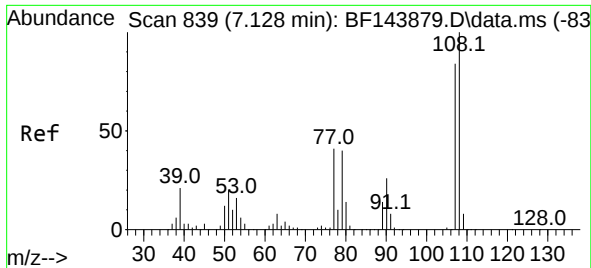
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.234 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

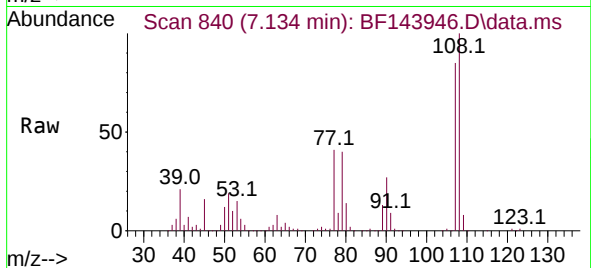
Tgt Ion: 45 Resp: 836311
Ion Ratio Lower Upper
45 100
77 9.5 0.0 29.0
79 7.0 0.0 26.8





#17
2-Methylphenol
Concen: 39.882 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

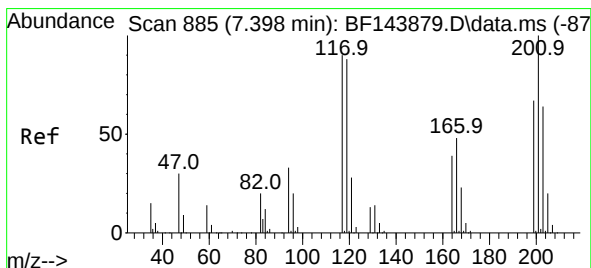
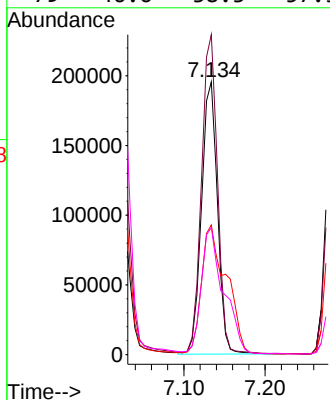
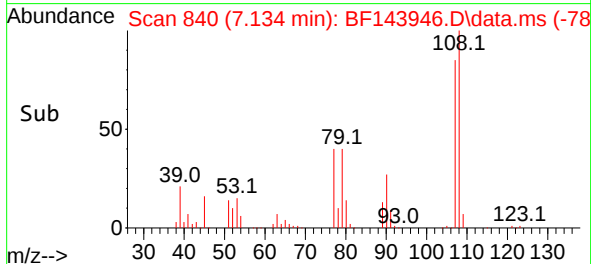
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



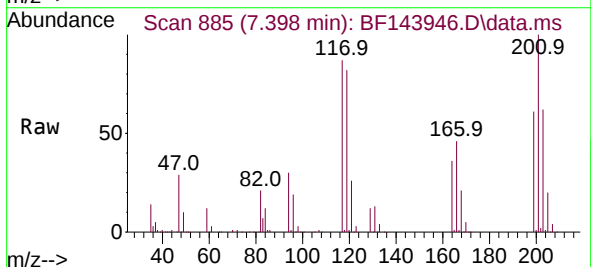
Tgt Ion:107 Resp: 26727
Ion Ratio Lower Upper
107 100
108 117.3 94.7 142.1
77 47.6 38.8 58.2
79 46.6 38.3 57.5

Manual Integrations
APPROVED

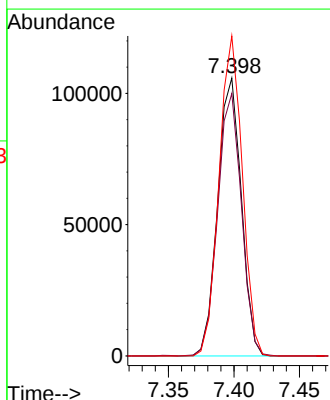
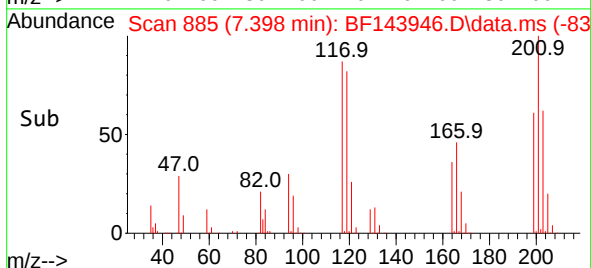
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

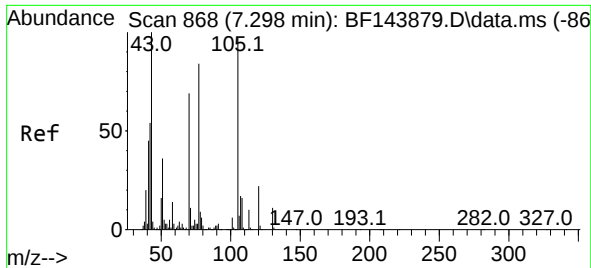


#18
Hexachloroethane
Concen: 41.592 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57



Tgt Ion:117 Resp: 132810
Ion Ratio Lower Upper
117 100
119 94.4 77.8 116.8
201 115.2 88.5 132.7





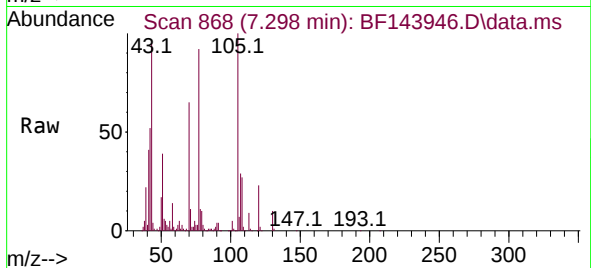
#19
n-Nitroso-di-n-propylamine
Concen: 33.743 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

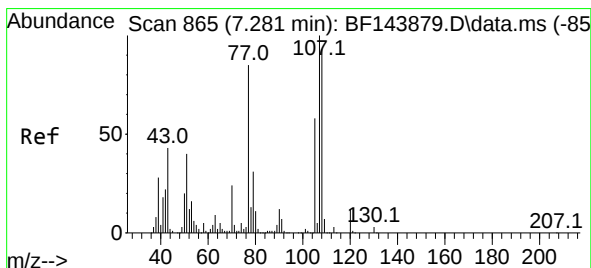
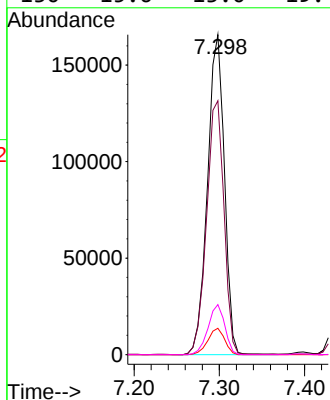
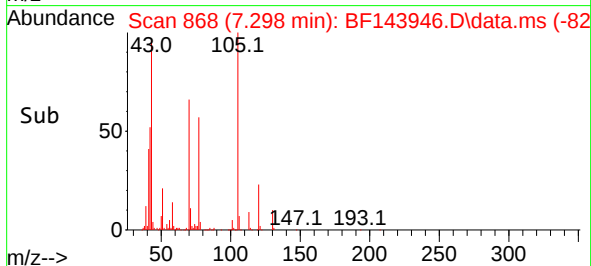


Tgt Ion: 70 Resp: 228389
Ion Ratio Lower Upper
70 100
42 79.3 62.8 94.2
101 8.2 6.7 10.1
130 15.6 13.0 19.4

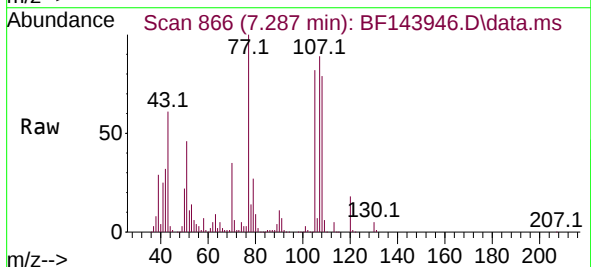
Manual Integrations

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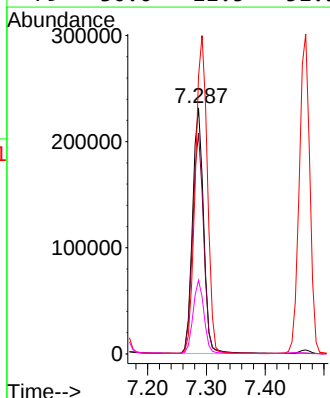
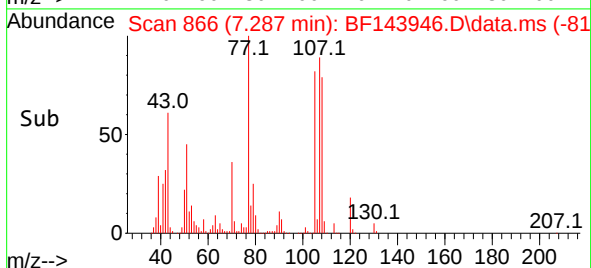
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

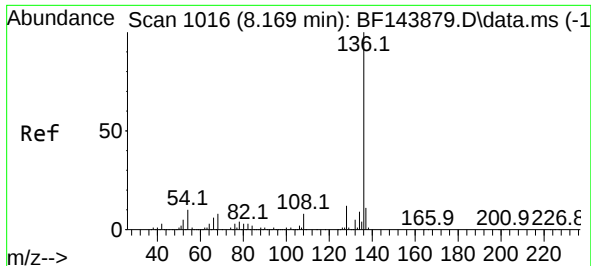


#20
3+4-Methylphenols
Concen: 38.875 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.012 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57



Tgt Ion:107 Resp: 301950
Ion Ratio Lower Upper
107 100
108 89.6 73.0 113.0
77 112.8 64.6 104.6#
79 30.0 11.5 51.5





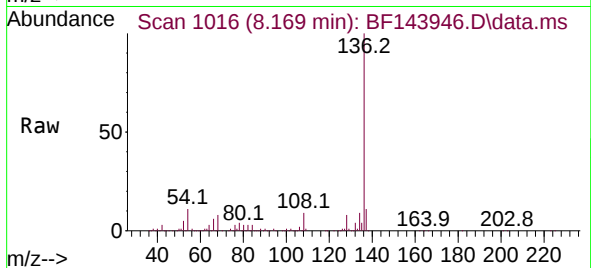
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

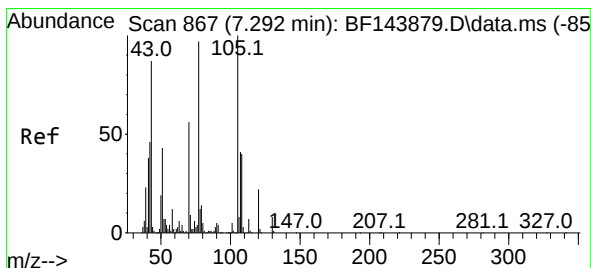
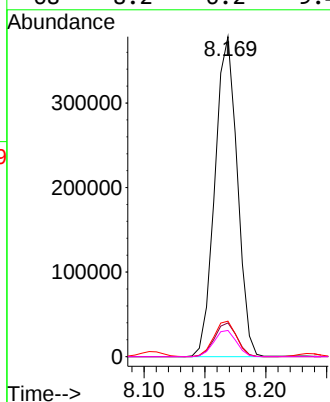
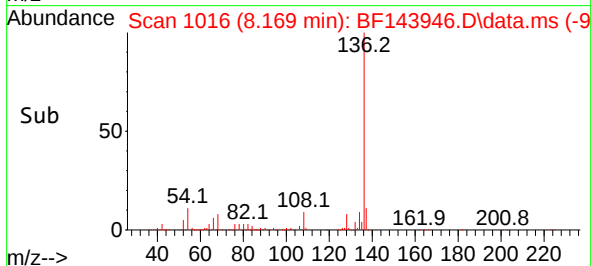


Tgt Ion:136 Resp: 483664
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 11.1 8.2 12.4
68 8.2 6.2 9.4

Manual Integrations

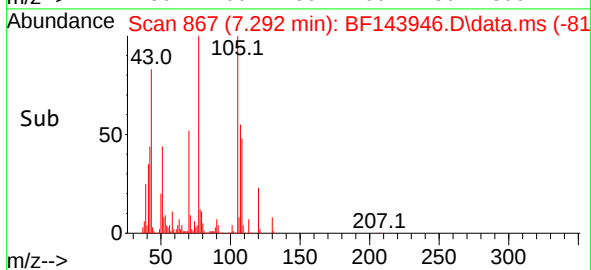
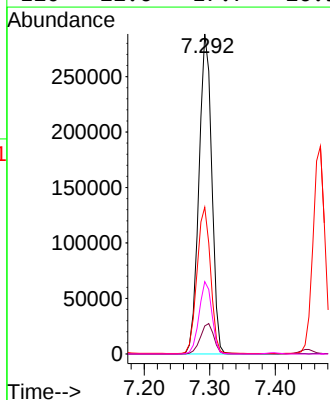
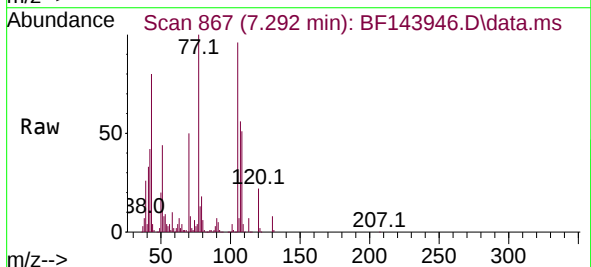
APPROVED

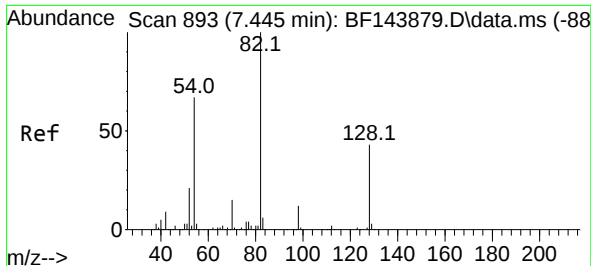
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025



#22
Acetophenone
Concen: 38.069 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

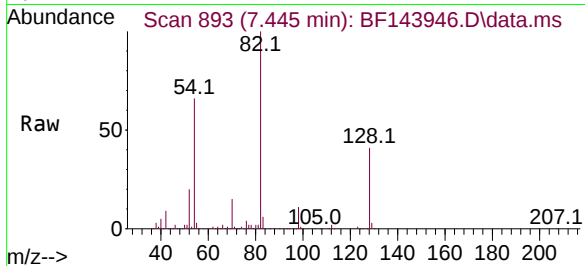
Tgt Ion:105 Resp: 389320
Ion Ratio Lower Upper
105 100
71 8.7 7.4 11.0
51 45.8 34.2 51.4
120 22.6 17.7 26.5





#23
Nitrobenzene-d5
Concen: 85.752 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

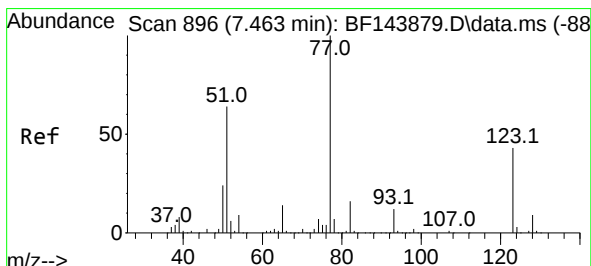
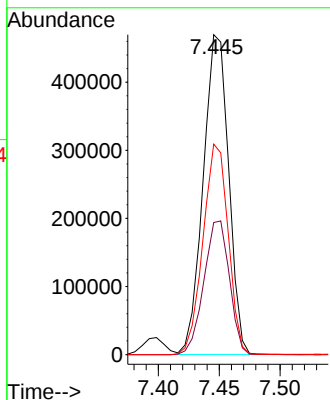
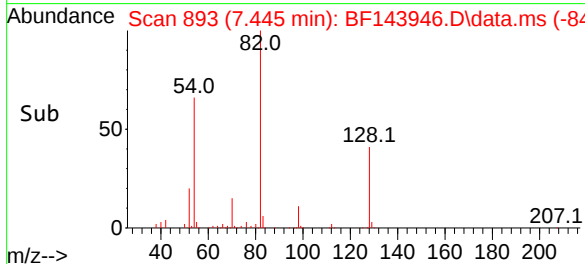
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



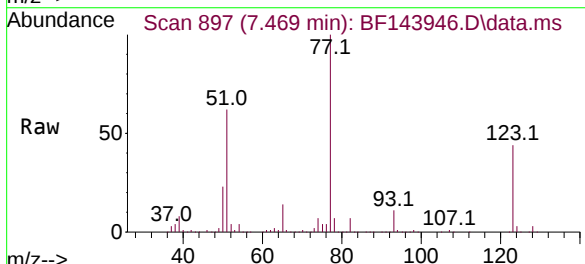
Tgt Ion: 82 Resp: 682662
Ion Ratio Lower Upper
82 100
128 41.3 34.0 51.0
54 65.8 53.2 79.8

Manual Integrations
APPROVED

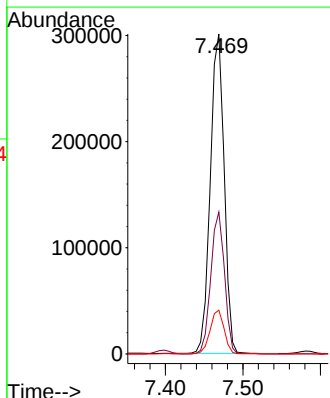
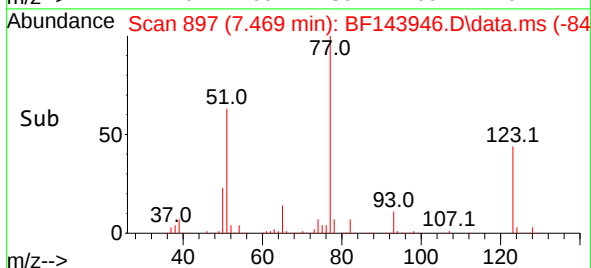
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

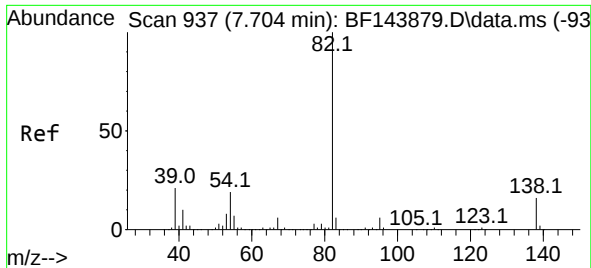


#24
Nitrobenzene
Concen: 42.351 ng
RT: 7.469 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57



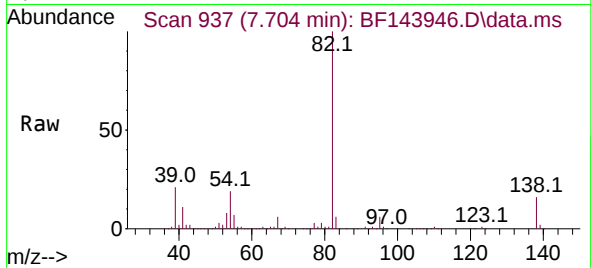
Tgt Ion: 77 Resp: 374413
Ion Ratio Lower Upper
77 100
123 44.3 34.2 51.4
65 13.7 11.0 16.6





#25
Isophorone
Concen: 36.826 ng
RT: 7.704 min Scan# 931
Delta R.T. -0.018 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

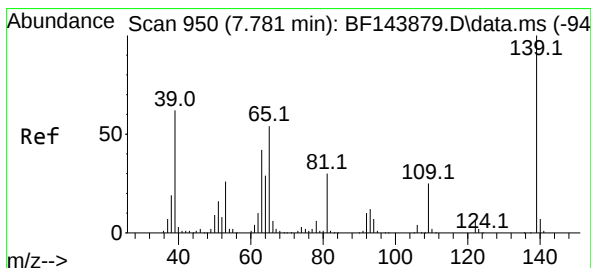
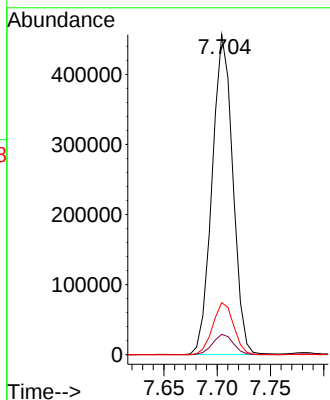
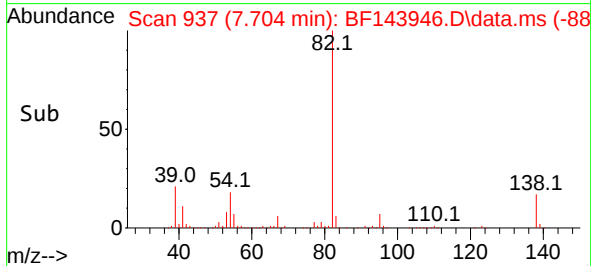
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



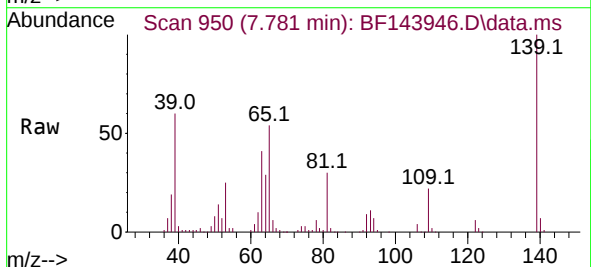
Tgt Ion: 82 Resp: 61815
Ion Ratio Lower Upper
82 100
95 6.3 5.1 7.7
138 16.2 12.9 19.3

Manual Integrations
APPROVED

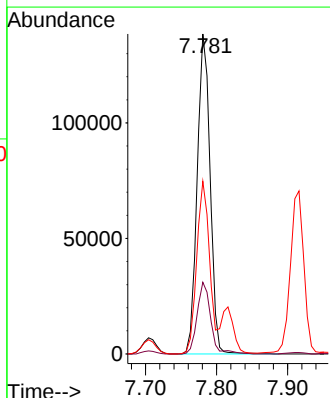
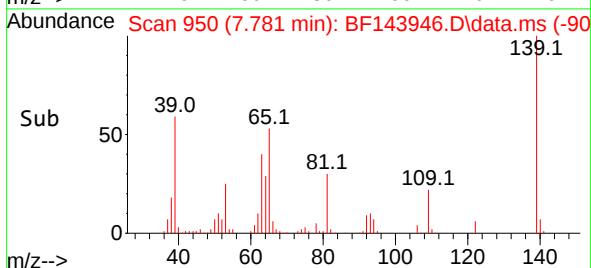
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

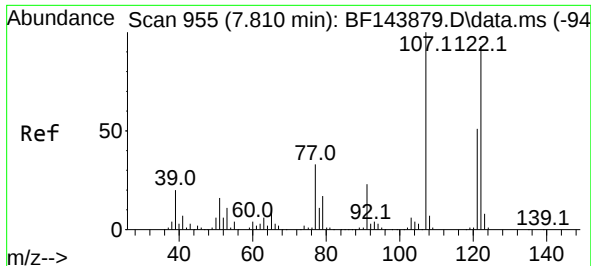


#26
2-Nitrophenol
Concen: 45.985 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57



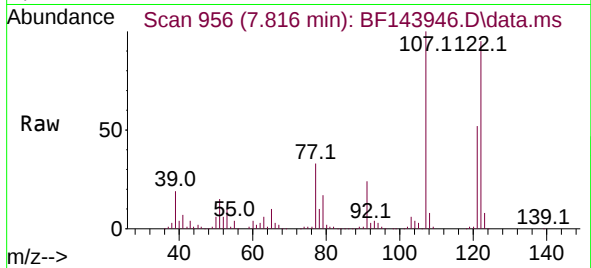
Tgt Ion:139 Resp: 174296
Ion Ratio Lower Upper
139 100
109 22.4 19.8 29.6
65 53.9 42.9 64.3





#27
2,4-Dimethylphenol
Concen: 39.190 ng
RT: 7.816 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

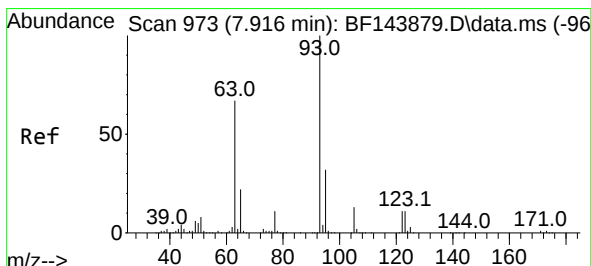
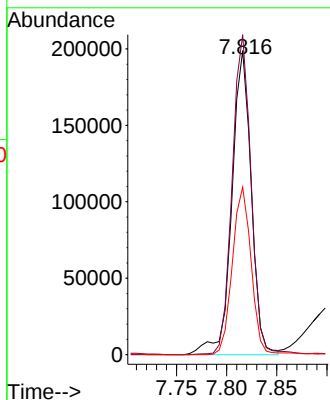
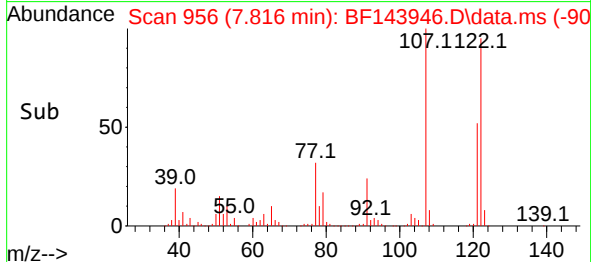
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:122 Resp: 267205
Ion Ratio Lower Upper
122 100
107 105.3 86.1 129.1
121 55.1 43.8 65.6

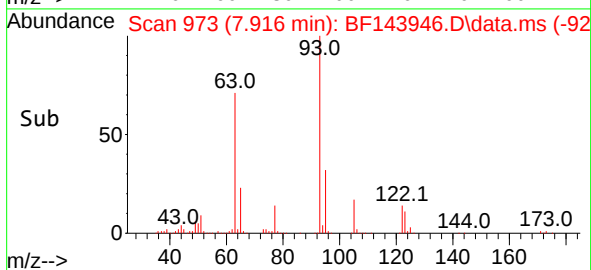
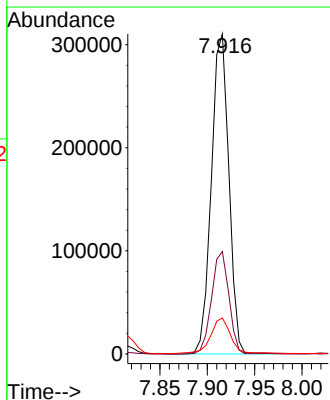
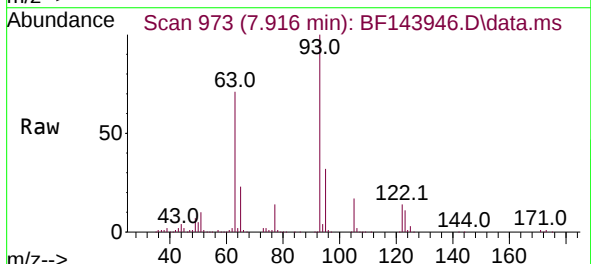
Manual Integrations
APPROVED

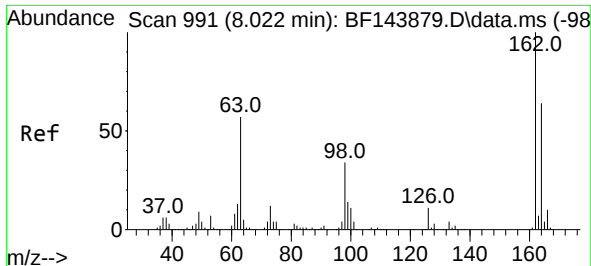
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025



#28
bis(2-Chloroethoxy)methane
Concen: 37.593 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.006 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

Tgt Ion: 93 Resp: 398619
Ion Ratio Lower Upper
93 100
95 32.0 25.9 38.9
123 11.2 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 39.575 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143946.D

Acq: 14 Oct 2025 13:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 281062

Ion Ratio Lower Upper

162 100

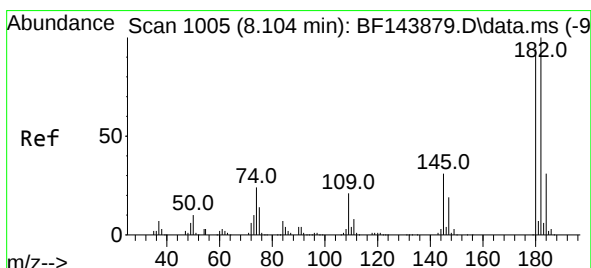
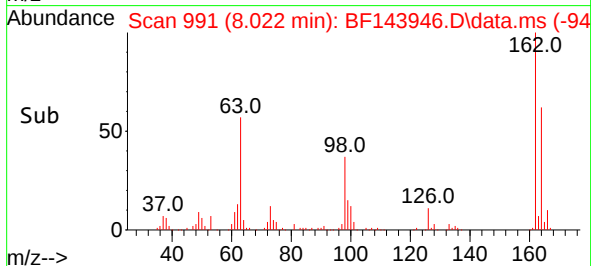
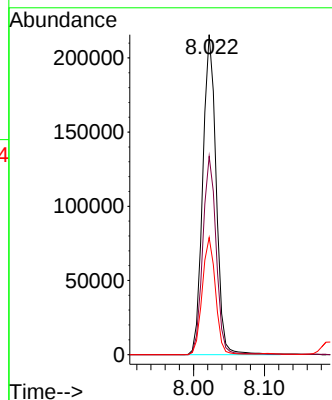
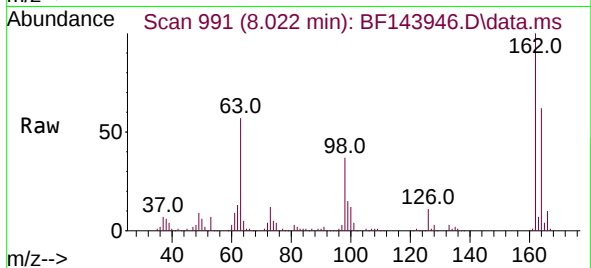
164 62.0 43.9 83.9

98 36.6 14.4 54.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025



#30

1,2,4-Trichlorobenzene

Concen: 41.843 ng

RT: 8.110 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF143946.D

Acq: 14 Oct 2025 13:57

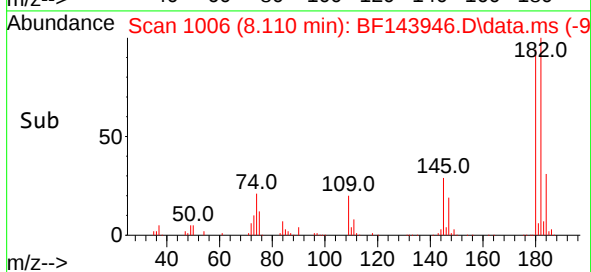
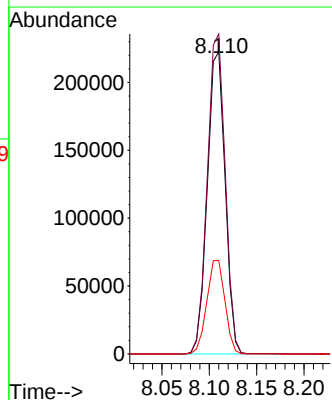
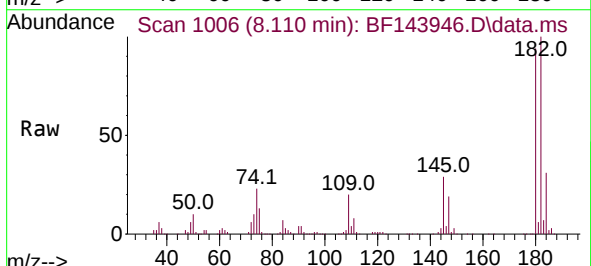
Tgt Ion:180 Resp: 292262

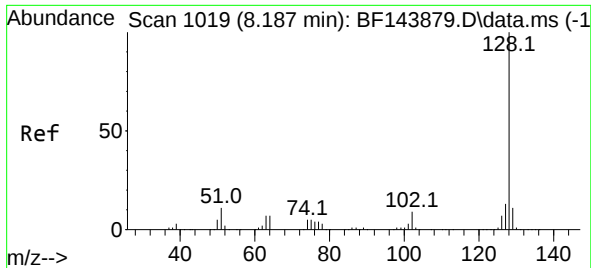
Ion Ratio Lower Upper

180 100

182 105.9 85.4 128.0

145 30.9 26.3 39.5





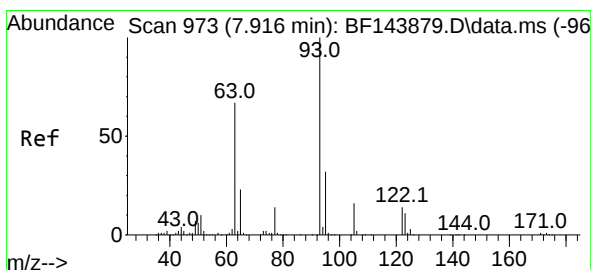
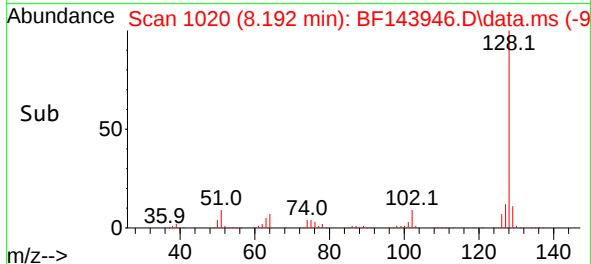
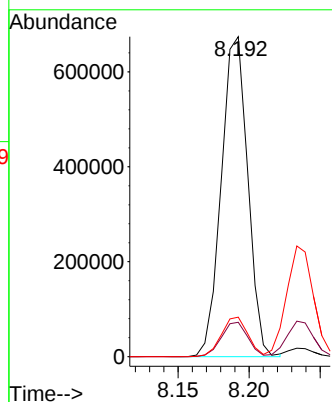
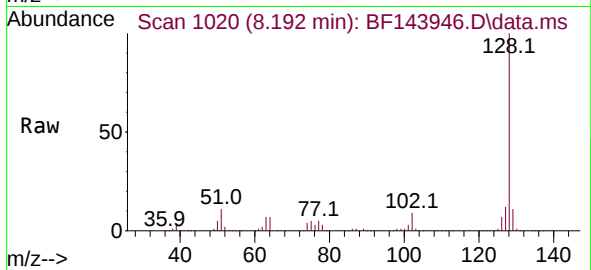
#31
Naphthalene
Concen: 39.806 ng
RT: 8.192 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 875804
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 12.3 10.0 15.0

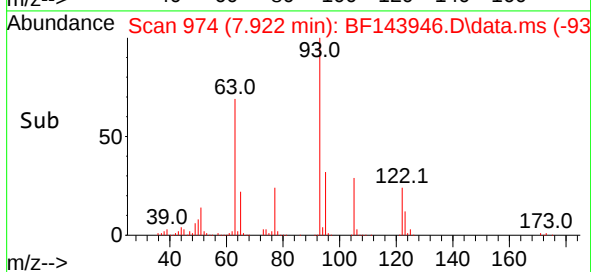
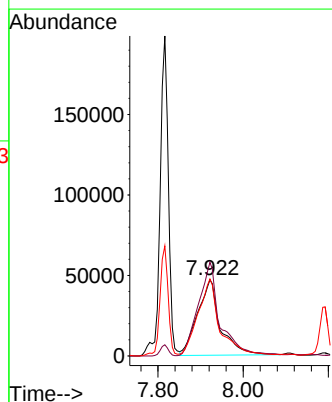
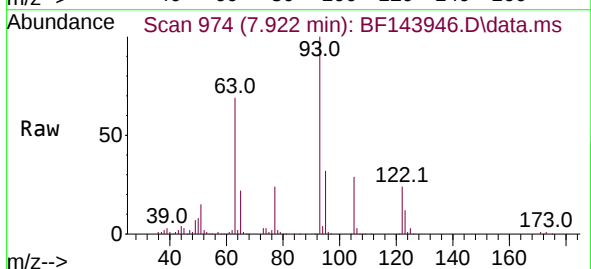
Manual Integrations
APPROVED

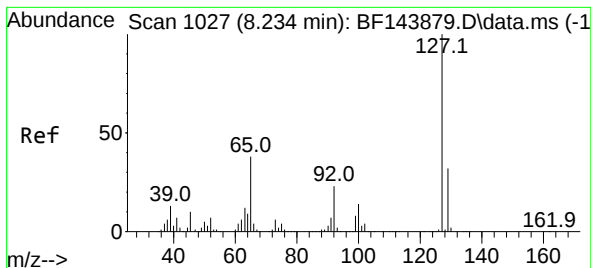
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025



#32
Benzoic acid
Concen: 36.773 ng
RT: 7.922 min Scan# 974
Delta R.T. -0.041 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

Tgt Ion:122 Resp: 173523
Ion Ratio Lower Upper
122 100
105 122.9 93.5 133.5
77 101.1 76.3 116.3





#33
4-Chloroaniline
Concen: 37.877 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

Instrument :

BNA_F

ClientSampleId :

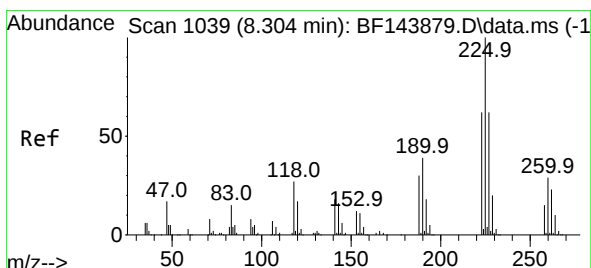
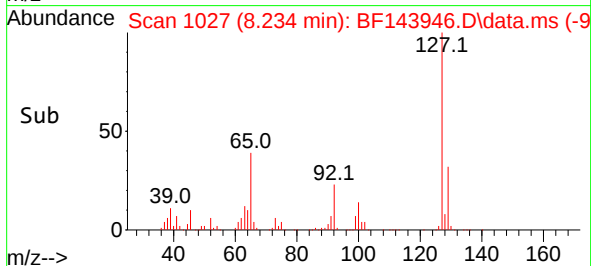
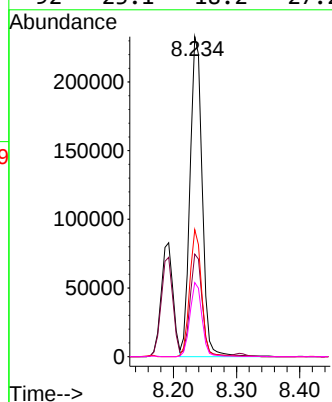
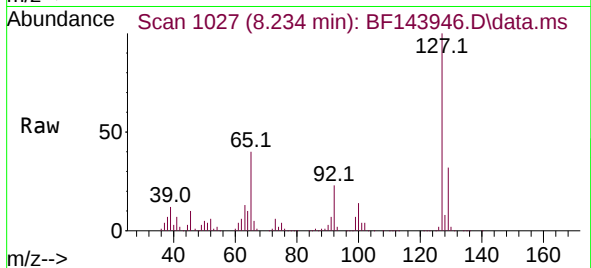
SSTDCCC040

Tgt Ion:127 Resp: 31254
Ion Ratio Lower Upper
127 100
129 32.0 25.8 38.8
65 39.7 30.0 45.0
92 23.1 18.2 27.2

Manual Integrations

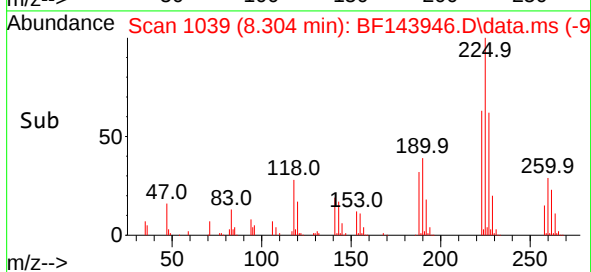
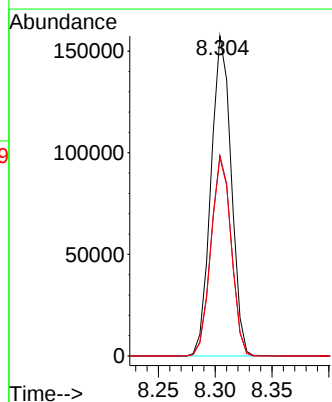
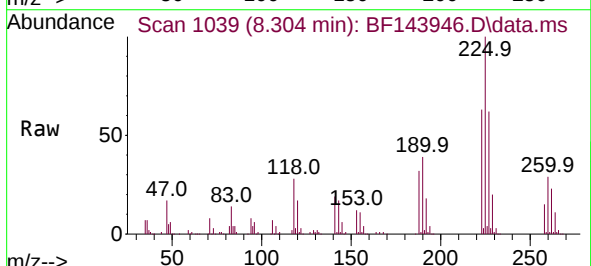
APPROVED

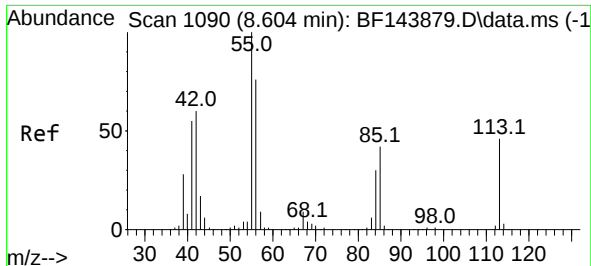
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025



#34
Hexachlorobutadiene
Concen: 40.211 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

Tgt Ion:225 Resp: 195169
Ion Ratio Lower Upper
225 100
223 62.6 49.4 74.2
227 62.0 49.7 74.5





#35
 Caprolactam
 Concen: 36.920 ng
 RT: 8.610 min Scan# 1109
 Delta R.T. -0.035 min
 Lab File: BF143946.D
 Acq: 14 Oct 2025 13:57

Instrument :

BNA_F

ClientSampleId :

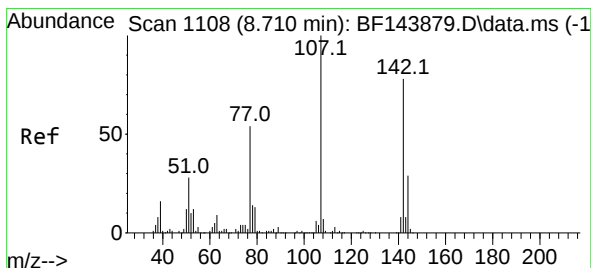
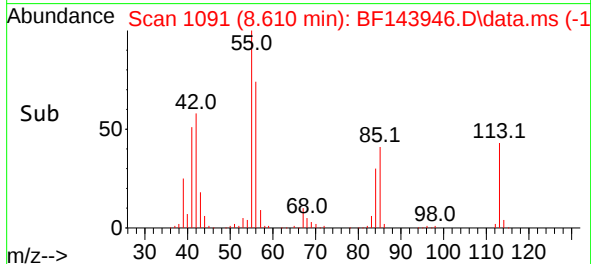
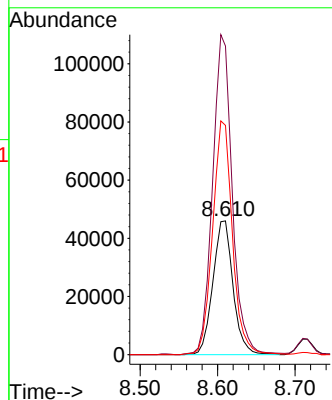
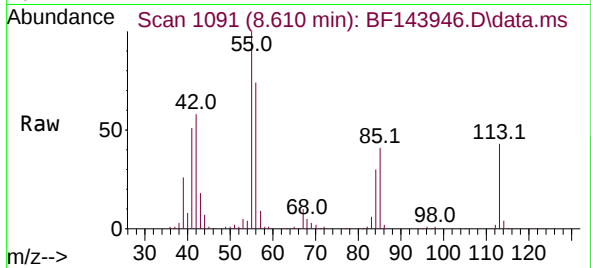
SSTDCCC040

Tgt Ion:113 Resp: 83372
 Ion Ratio Lower Upper
 113 100
 55 230.8 199.6 239.6
 56 171.5 146.0 186.0

Manual Integrations

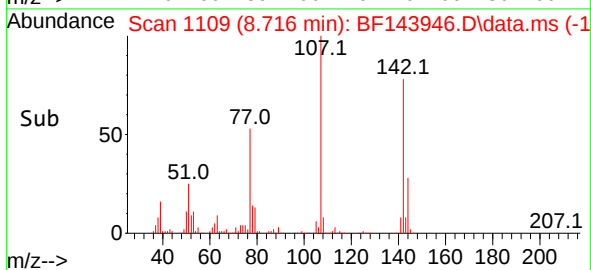
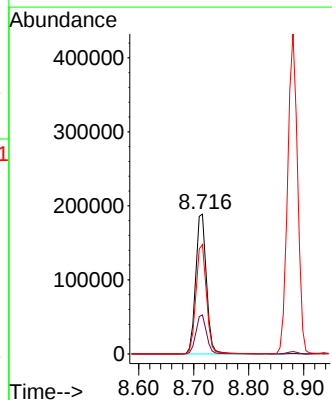
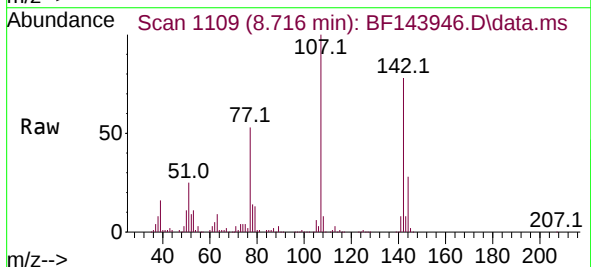
APPROVED

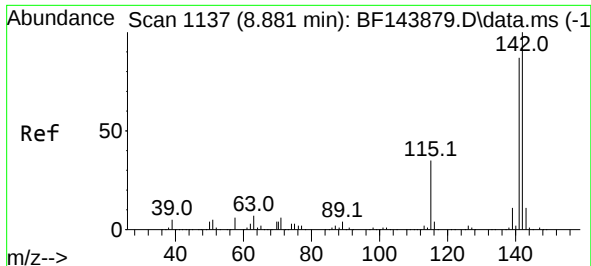
Reviewed By :Jagrut Upadhyay 10/14/2025
 Supervised By :mohammad ahmed 10/17/2025



#36
 4-Chloro-3-methylphenol
 Concen: 37.794 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: BF143946.D
 Acq: 14 Oct 2025 13:57

Tgt Ion:107 Resp: 257833
 Ion Ratio Lower Upper
 107 100
 144 27.9 23.1 34.7
 142 78.3 62.6 94.0





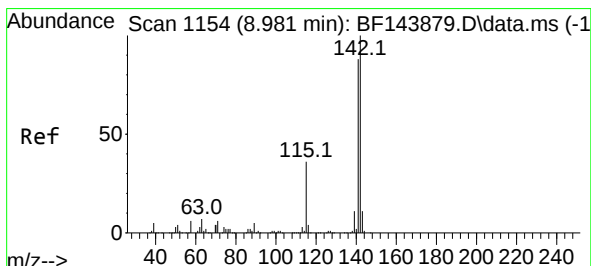
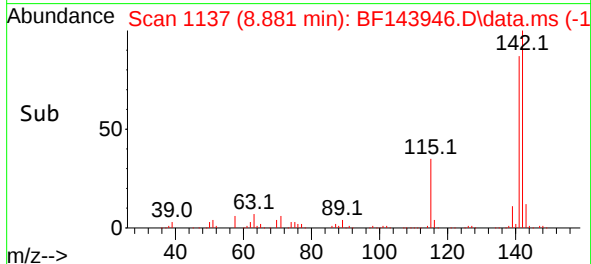
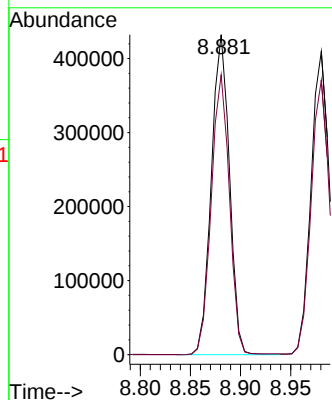
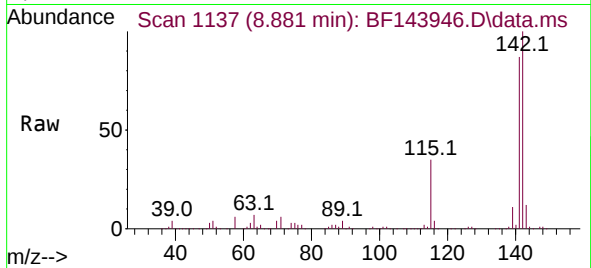
#37
2-Methylnaphthalene
Concen: 36.965 ng
RT: 8.881 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 541743
Ion Ratio Lower Upper
142 100
141 87.4 69.2 103.8

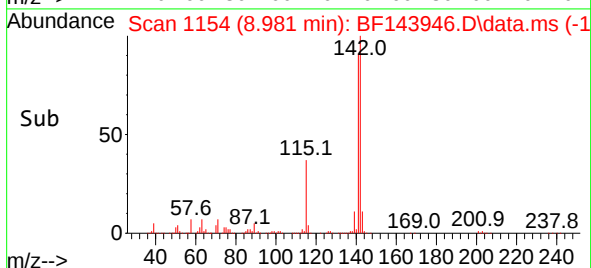
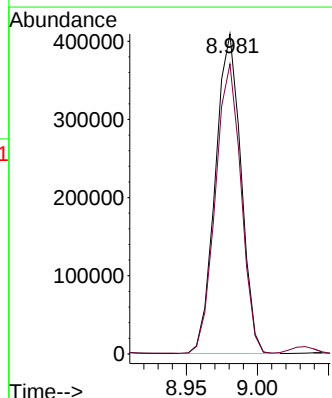
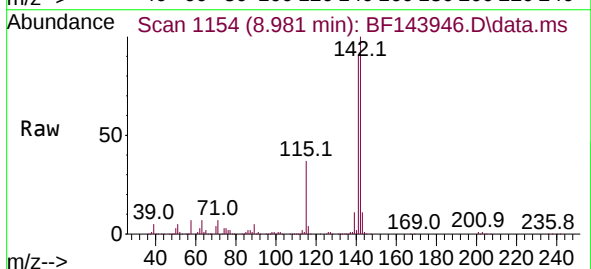
Manual Integrations
APPROVED

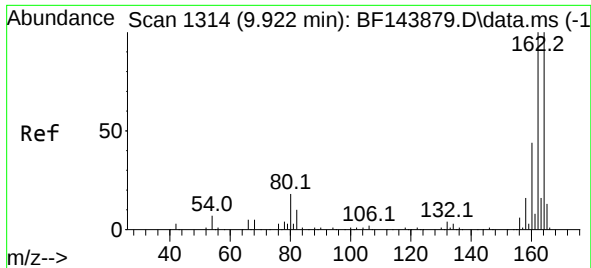
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025



#38
1-Methylnaphthalene
Concen: 36.193 ng
RT: 8.981 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

Tgt Ion:142 Resp: 514512
Ion Ratio Lower Upper
142 100
141 90.6 70.8 106.2





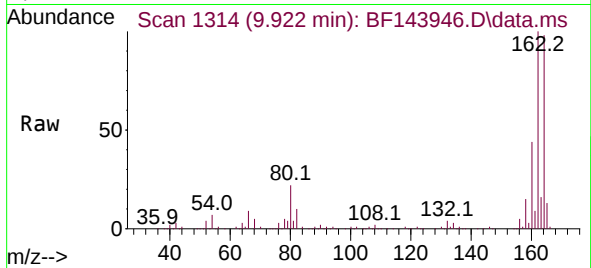
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

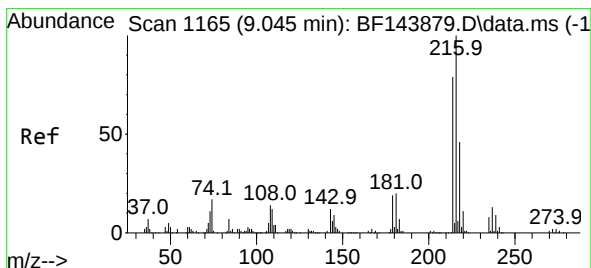
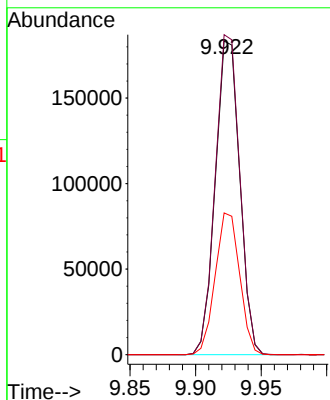
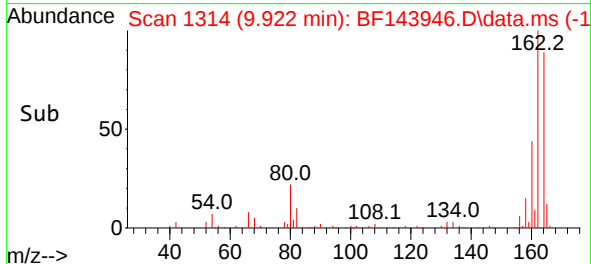


Tgt Ion:164 Resp: 238586
Ion Ratio Lower Upper
164 100
162 102.1 80.2 120.2
160 45.2 35.4 53.0

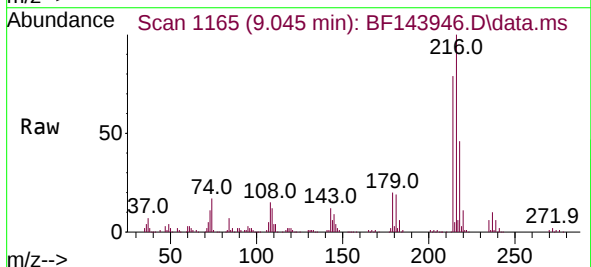
Manual Integrations

APPROVED

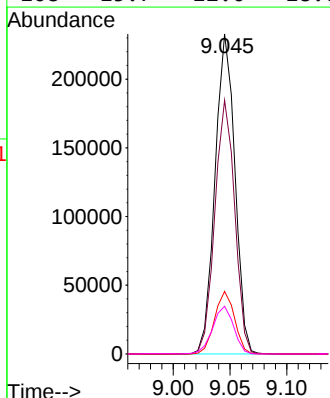
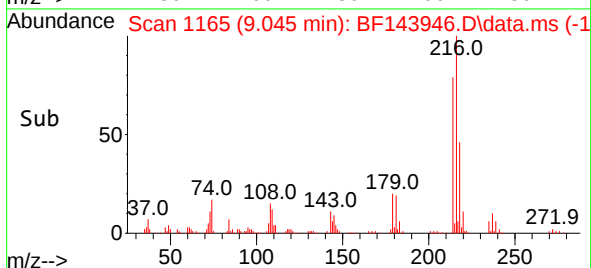
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

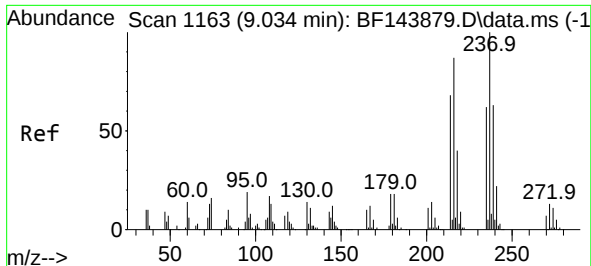


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.993 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57



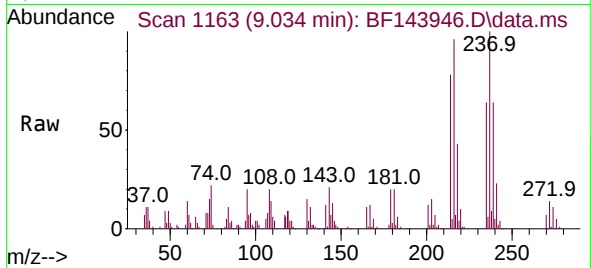
Tgt Ion:216 Resp: 283503
Ion Ratio Lower Upper
216 100
214 79.1 62.6 94.0
179 19.5 15.4 23.0
108 15.7 12.0 18.0





#41
Hexachlorocyclopentadiene
Concen: 34.302 ng
RT: 9.034 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

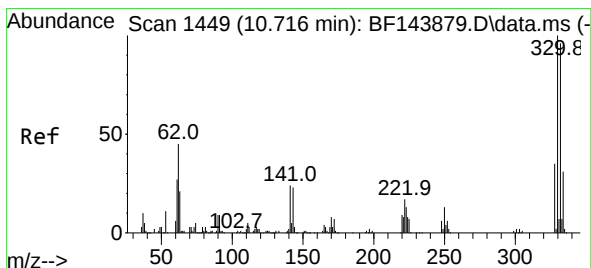
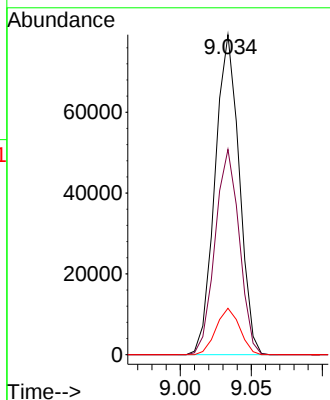
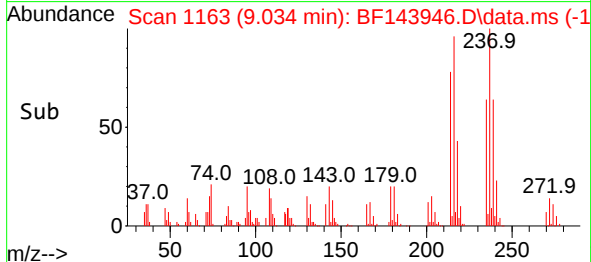
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



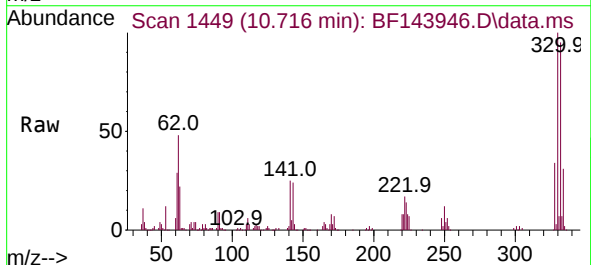
Tgt Ion: 237 Resp: 93838
Ion Ratio Lower Upper
237 100
235 64.1 42.3 82.3
272 14.5 0.0 33.1

Manual Integrations
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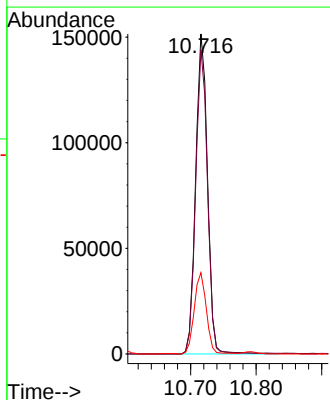
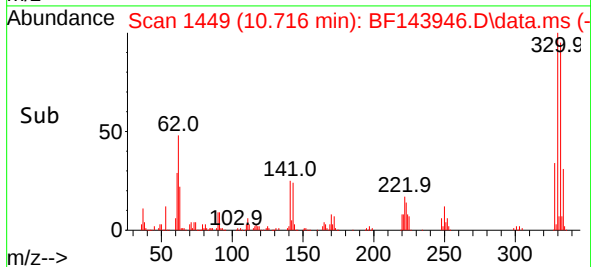
Reviewed By : Jagrut Upadhyay 10/14/2025
Supervised By : mohammad ahmed 10/17/2025

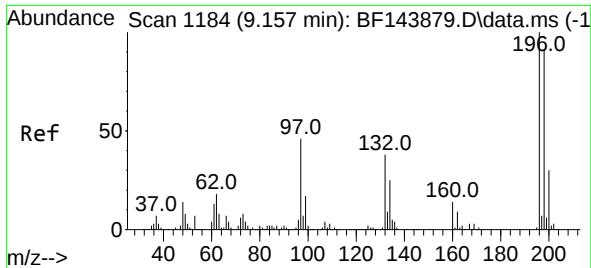


#42
2,4,6-Tribromophenol
Concen: 79.800 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57



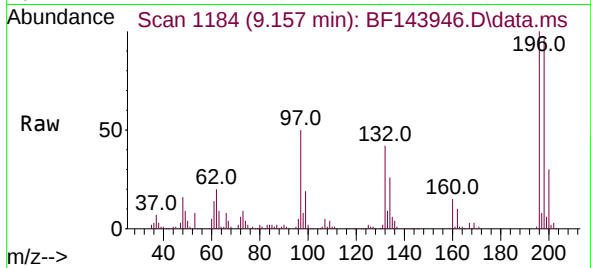
Tgt Ion: 330 Resp: 189633
Ion Ratio Lower Upper
330 100
332 94.5 76.9 115.3
141 25.9 20.2 30.4





#43
2,4,6-Trichlorophenol
Concen: 40.115 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

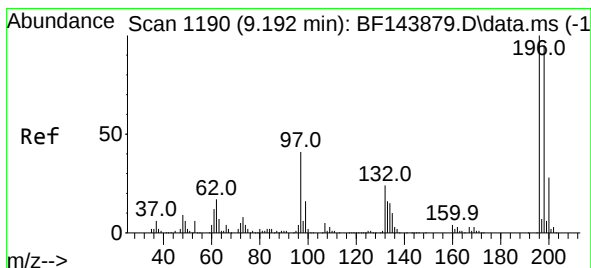
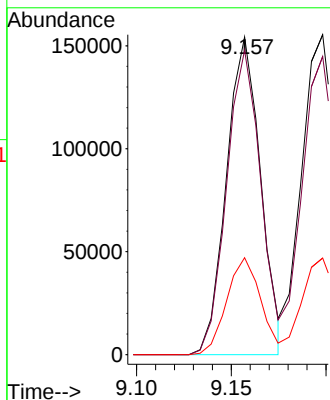
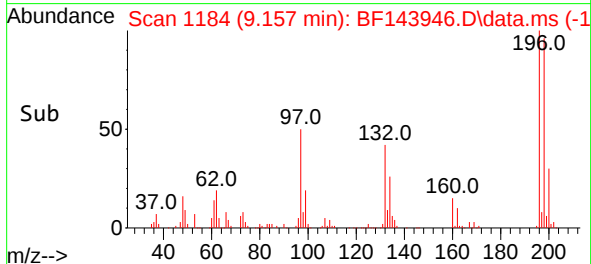
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



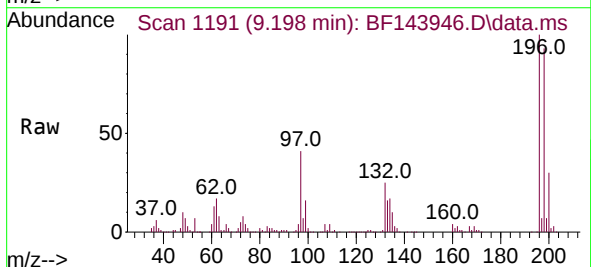
Tgt Ion:196 Resp: 193272
Ion Ratio Lower Upper
196 100
198 95.9 72.8 109.2
200 30.5 24.0 36.0

Manual Integrations
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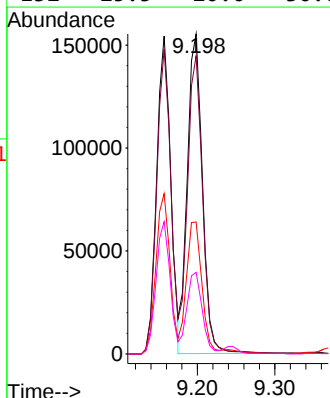
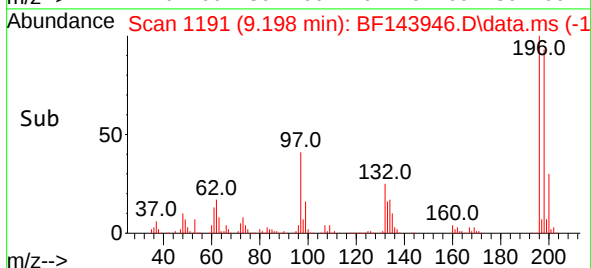
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

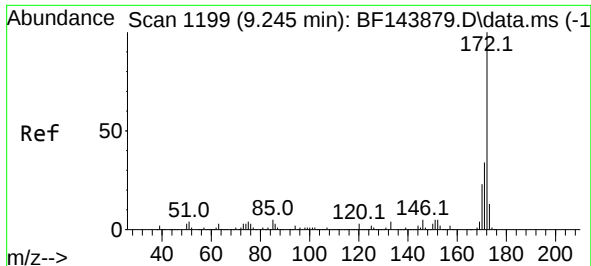


#44
2,4,5-Trichlorophenol
Concen: 41.502 ng
RT: 9.198 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57



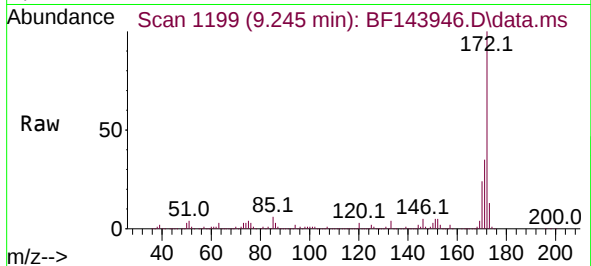
Tgt Ion:196 Resp: 211314
Ion Ratio Lower Upper
196 100
198 93.2 75.5 113.3
97 41.2 33.9 50.9
132 25.5 20.0 30.0





#45
2-Fluorobiphenyl
Concen: 75.586 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

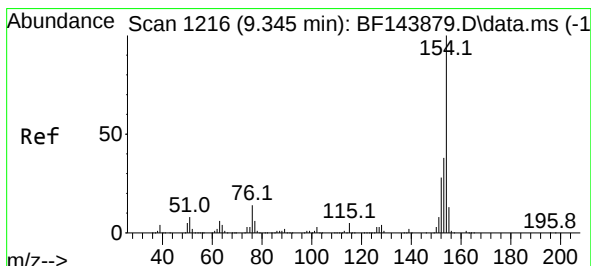
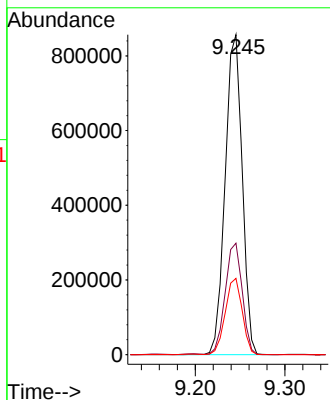
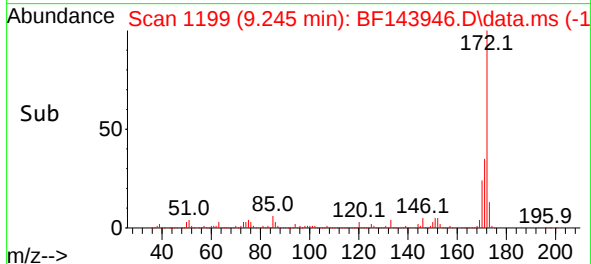
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



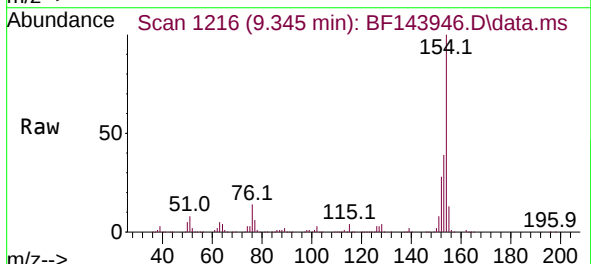
Tgt Ion:172 Resp: 1136532
Ion Ratio Lower Upper
172 100
171 34.8 27.4 41.0
170 23.8 18.6 28.0

Manual Integrations
APPROVED

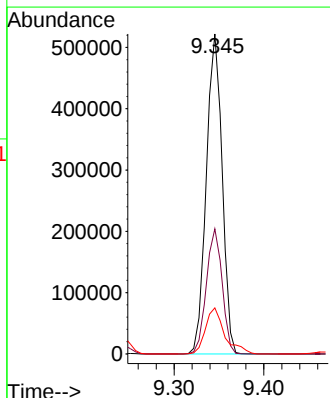
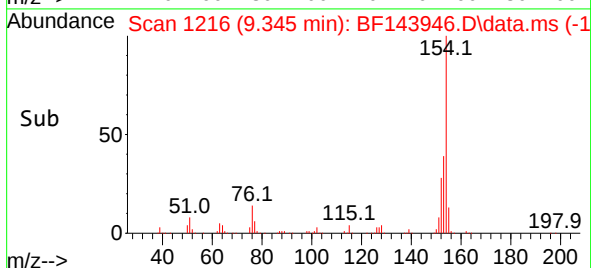
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

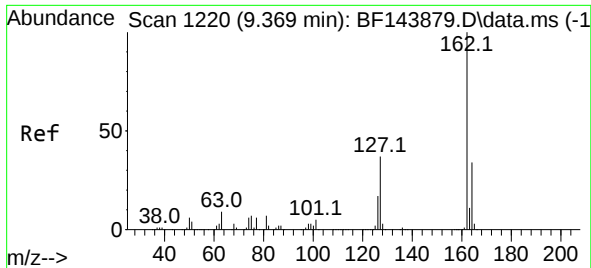


#46
1,1'-Biphenyl
Concen: 40.618 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57



Tgt Ion:154 Resp: 641629
Ion Ratio Lower Upper
154 100
153 39.1 18.4 58.4
76 14.4 0.0 34.0





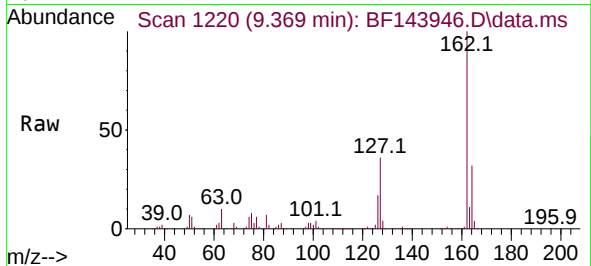
#47
2-Chloronaphthalene
Concen: 41.064 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

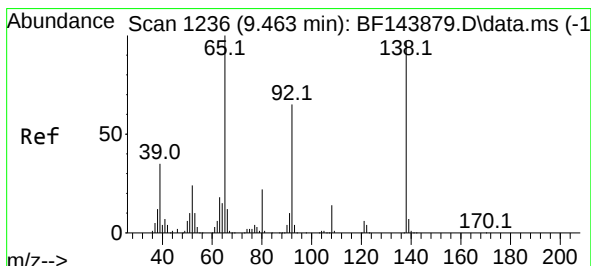
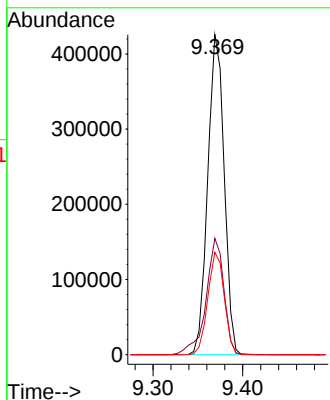
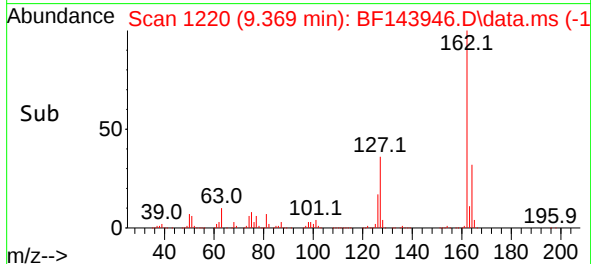


Tgt Ion:162 Resp: 540831
Ion Ratio Lower Upper
162 100
127 36.3 30.2 45.2
164 32.0 26.9 40.3

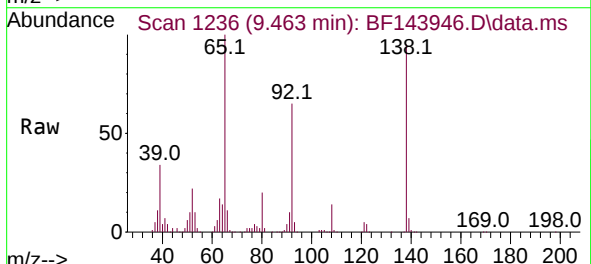
Manual Integrations

APPROVED

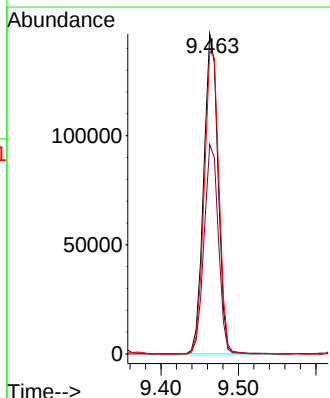
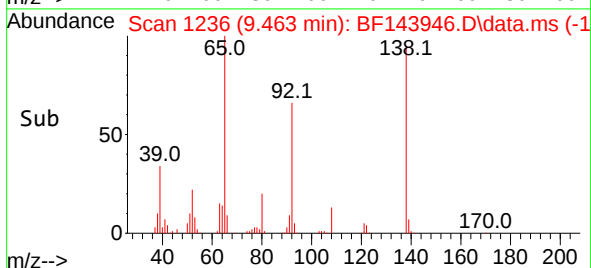
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

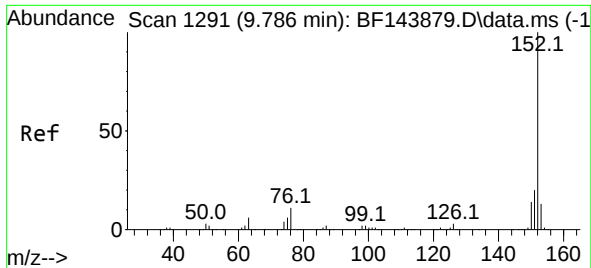


#48
2-Nitroaniline
Concen: 45.320 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57



Tgt Ion: 65 Resp: 188709
Ion Ratio Lower Upper
65 100
92 65.4 52.1 78.1
138 94.5 77.4 116.2





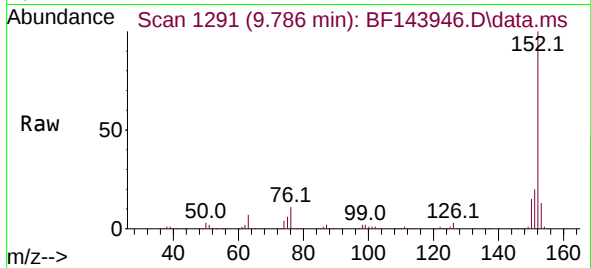
#49
Acenaphthylene
Concen: 40.578 ng
RT: 9.786 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

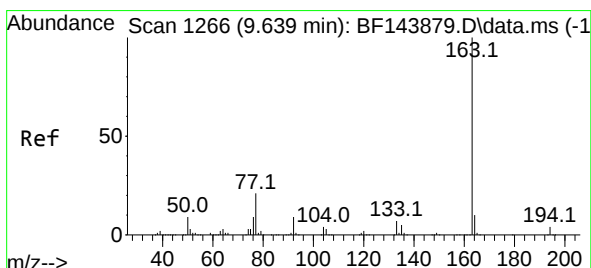
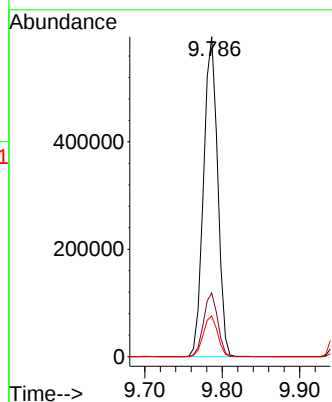
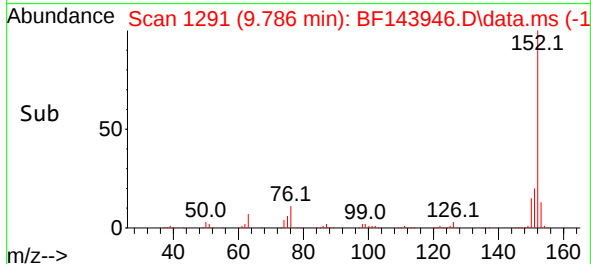


Tgt Ion:152 Resp: 751334
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.6
153 12.7 10.5 15.7

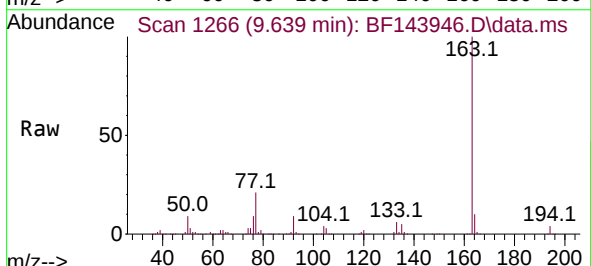
Manual Integrations

APPROVED

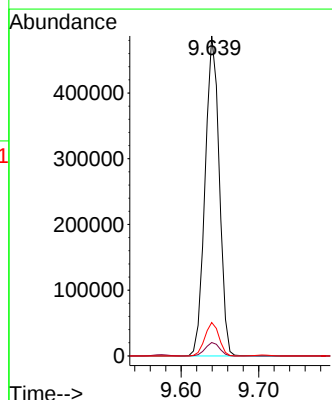
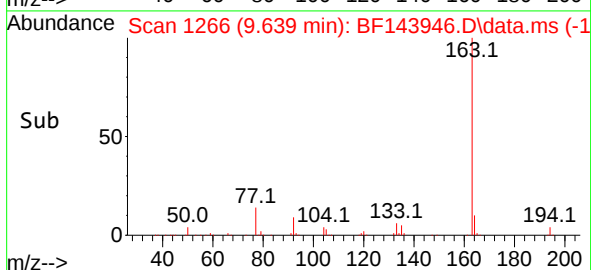
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

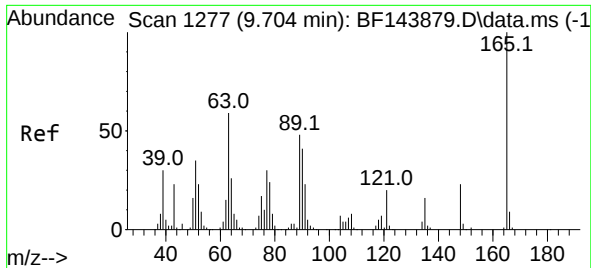


#50
Dimethylphthalate
Concen: 40.809 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57



Tgt Ion:163 Resp: 618312
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.4 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 45.141 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.012 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

Instrument :

BNA_F

ClientSampleId :

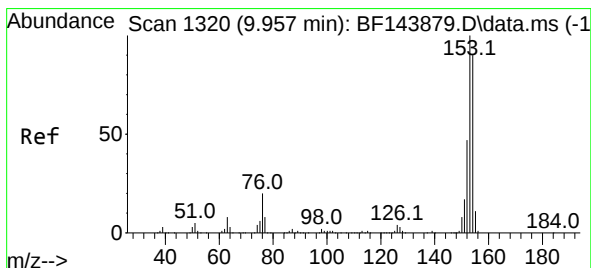
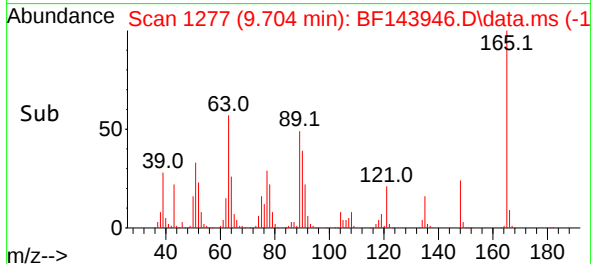
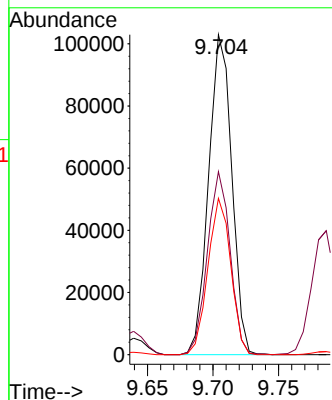
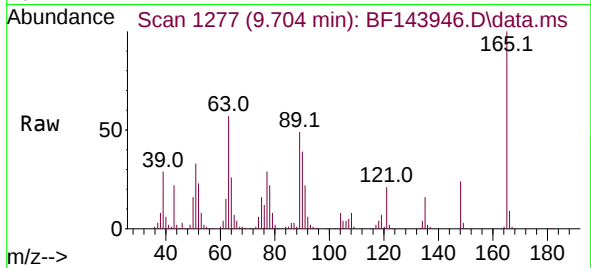
SSTDCCC040

Tgt Ion:165 Resp: 126824
Ion Ratio Lower Upper
165 100
63 57.2 47.3 70.9
89 48.8 38.2 57.4

Manual Integrations

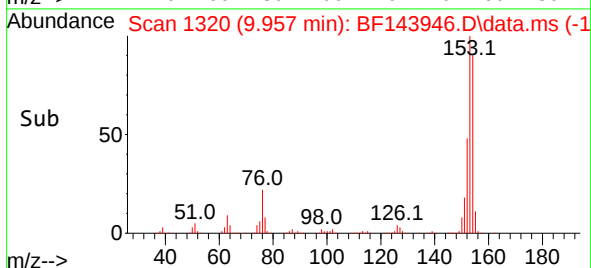
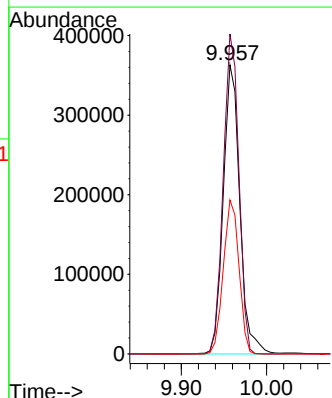
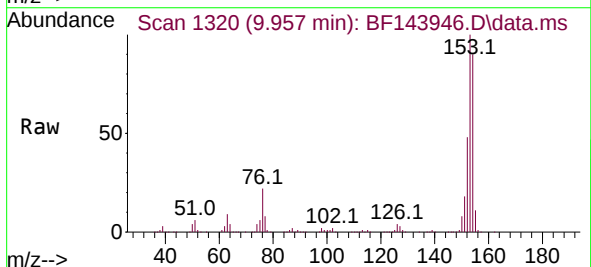
APPROVED

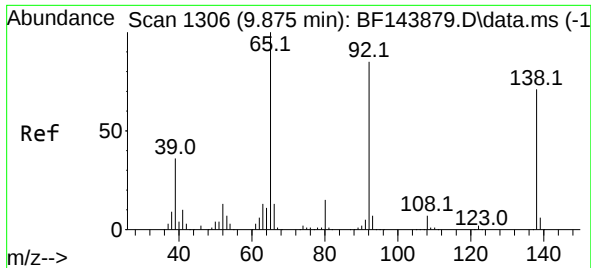
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025



#52
Acenaphthene
Concen: 40.405 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

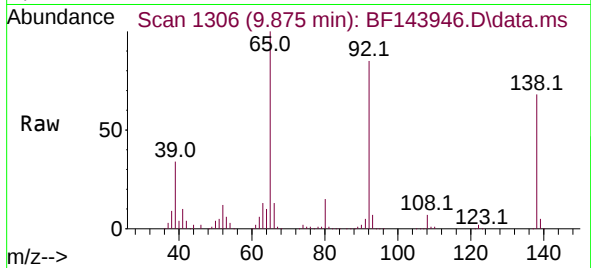
Tgt Ion:154 Resp: 490216
Ion Ratio Lower Upper
154 100
153 110.7 89.3 133.9
152 53.2 42.2 63.2





#53
3-Nitroaniline
Concen: 42.822 ng
RT: 9.875 min Scan# 1306
Delta R.T. -0.012 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

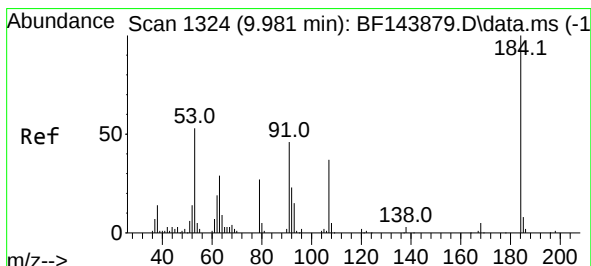
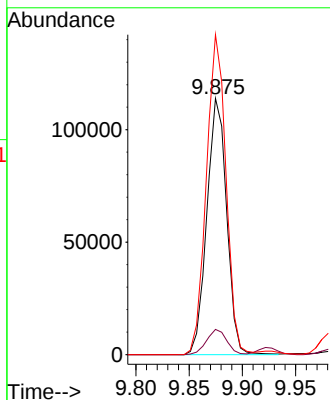
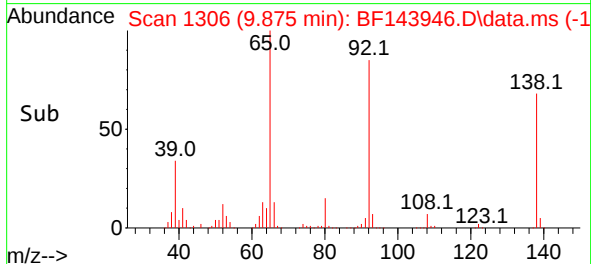
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:138 Resp: 147312
Ion Ratio Lower Upper
138 100
108 9.8 8.3 12.5
92 124.9 96.2 144.2

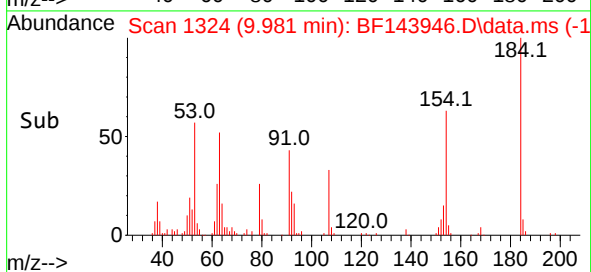
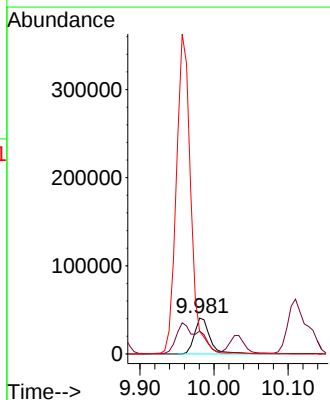
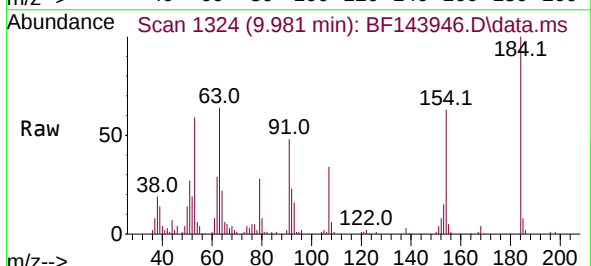
Manual Integrations
APPROVED

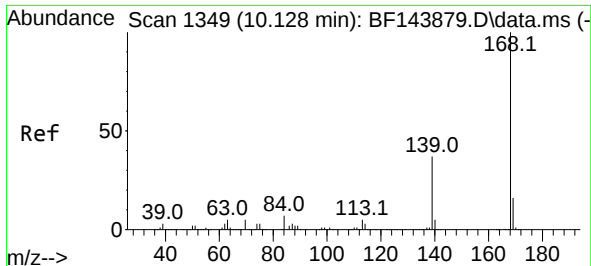
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025



#54
2,4-Dinitrophenol
Concen: 38.075 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.005 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

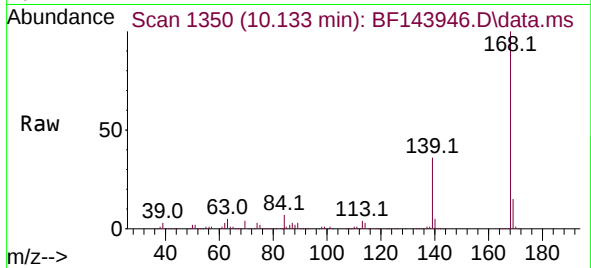
Tgt Ion:184 Resp: 59081
Ion Ratio Lower Upper
184 100
63 63.8 48.2 72.4
154 62.6 49.2 73.8





#55
Dibenzenofuran
Concen: 40.297 ng
RT: 10.133 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

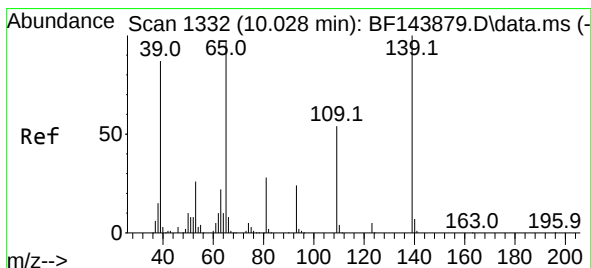
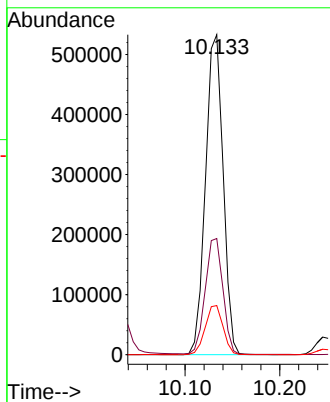
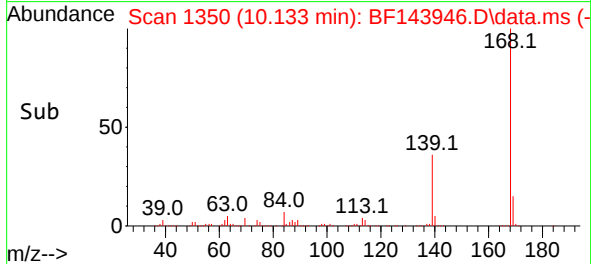
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 690158
Ion Ratio Lower Upper
168 100
139 36.3 29.8 44.8
169 15.3 12.8 19.2

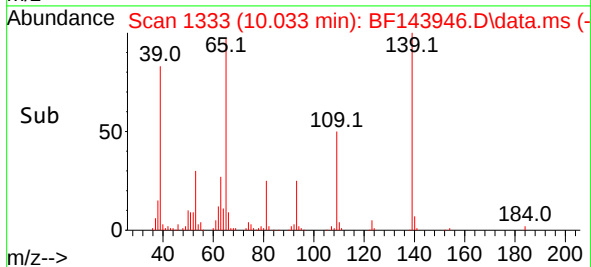
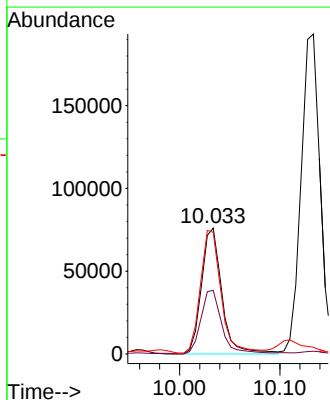
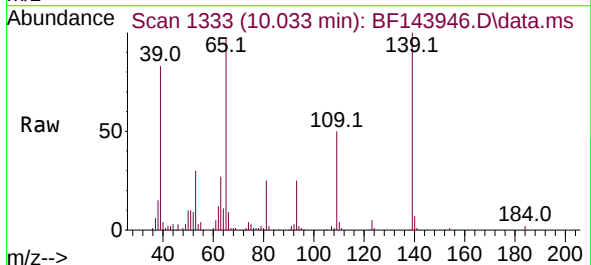
Manual Integrations
APPROVED

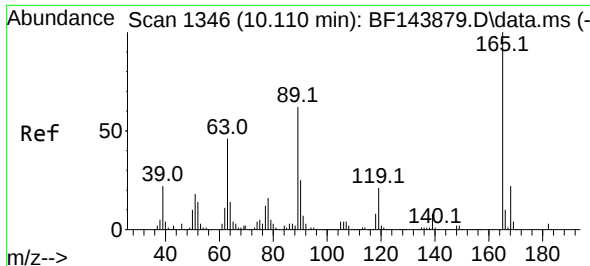
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025



#56
4-Nitrophenol
Concen: 41.065 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

Tgt Ion:139 Resp: 106964
Ion Ratio Lower Upper
139 100
109 50.5 34.5 74.5
65 96.7 77.6 117.6





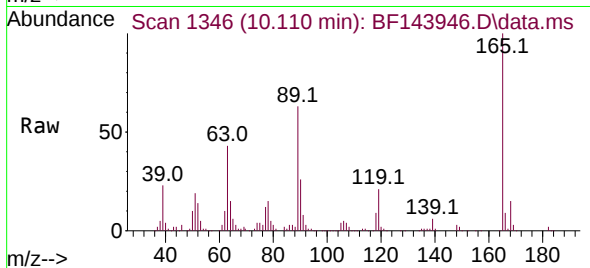
#57
2,4-Dinitrotoluene
Concen: 45.966 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

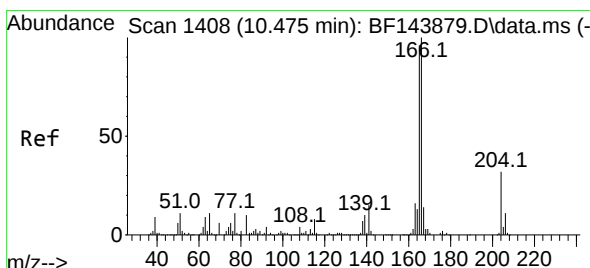
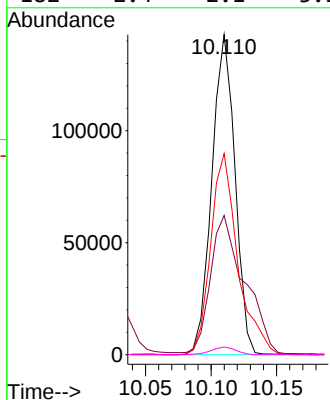
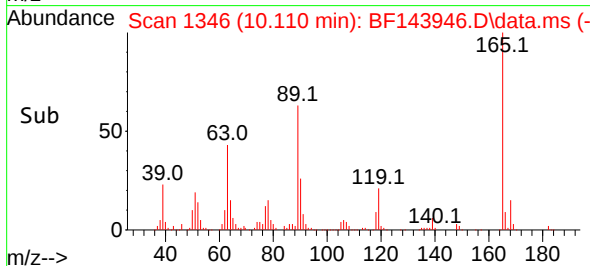


Tgt Ion:165 Resp: 175714
Ion Ratio Lower Upper
165 100
63 43.5 37.2 55.8
89 62.8 49.4 74.2
182 2.4 2.1 3.1

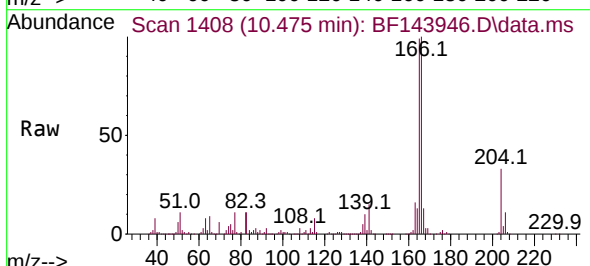
Manual Integrations

APPROVED

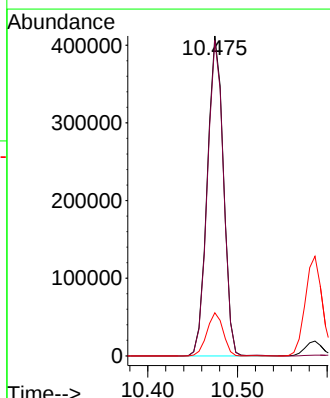
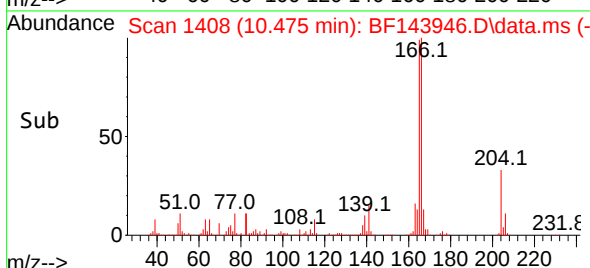
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

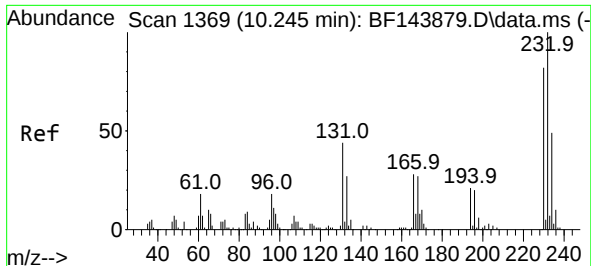


#58
Fluorene
Concen: 39.886 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57



Tgt Ion:166 Resp: 515449
Ion Ratio Lower Upper
166 100
165 98.6 77.0 115.6
167 13.5 11.1 16.7





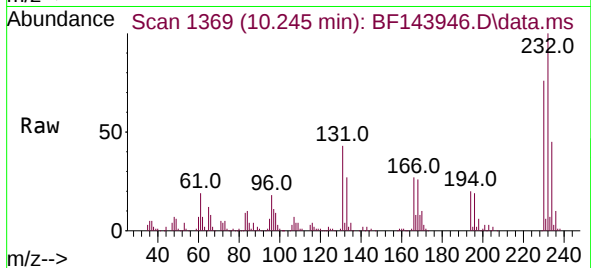
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.453 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

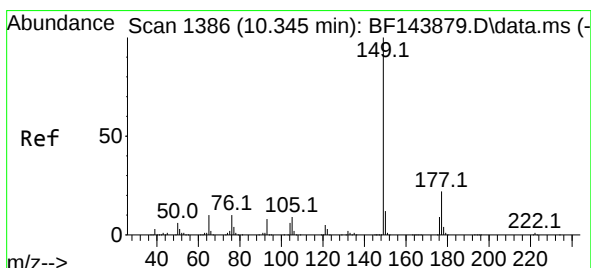
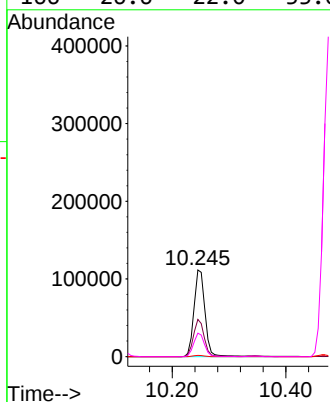
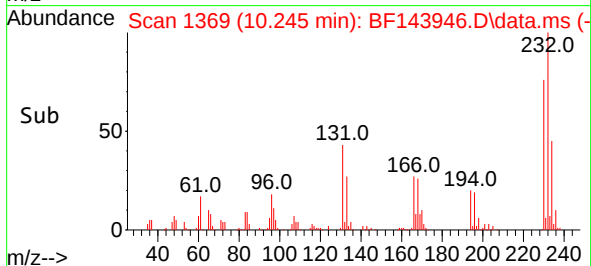


Tgt Ion:232 Resp: 149408
Ion Ratio Lower Upper
232 100
131 41.6 34.9 52.3
130 1.3 1.6 2.4
166 26.6 22.0 33.0

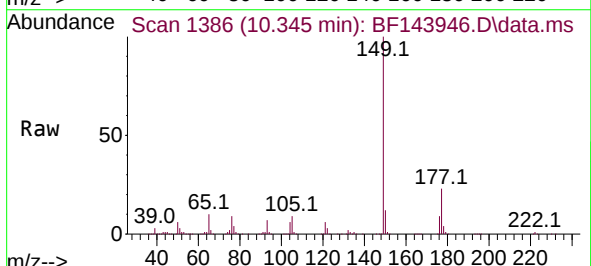
Manual Integrations

APPROVED

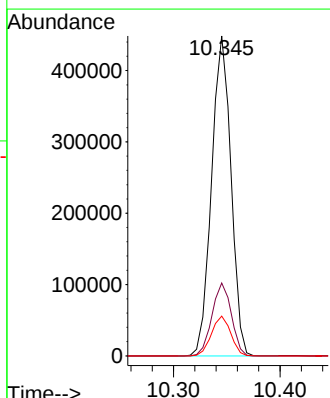
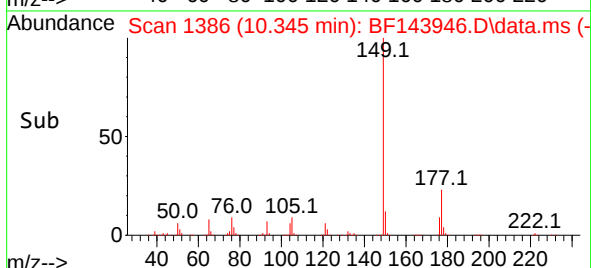
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

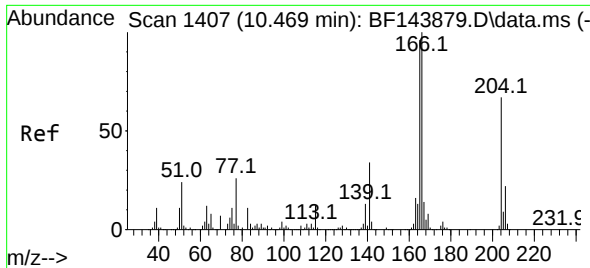


#60
Diethylphthalate
Concen: 40.437 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57



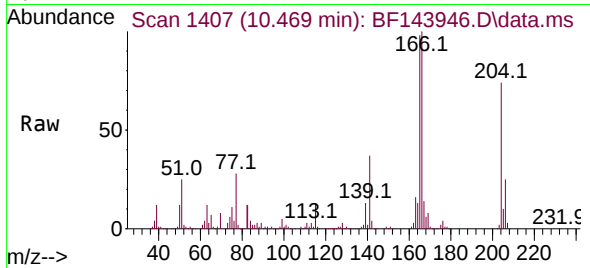
Tgt Ion:149 Resp: 569179
Ion Ratio Lower Upper
149 100
177 22.8 17.9 26.9
150 12.4 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 41.172 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

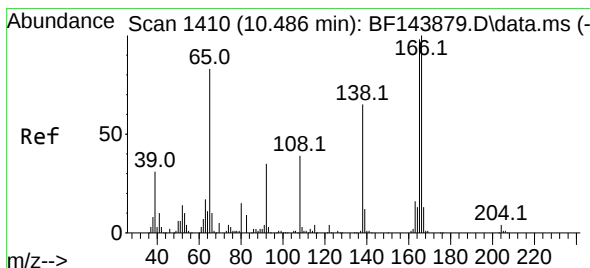
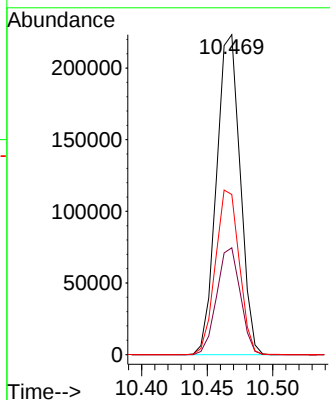
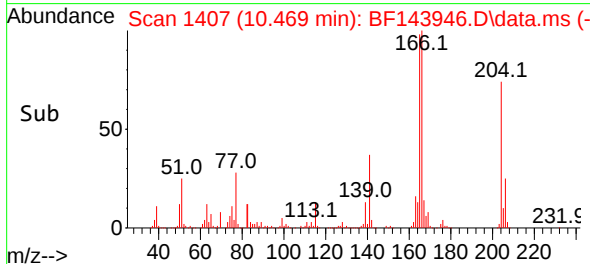
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



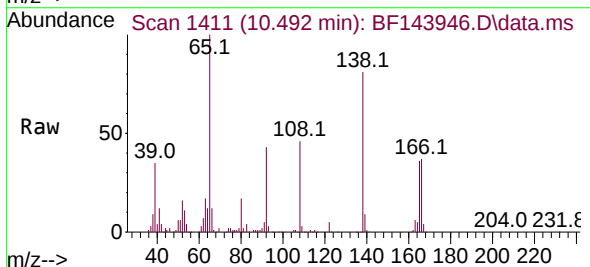
Tgt Ion:204 Resp: 281308
Ion Ratio Lower Upper
204 100
206 33.4 26.6 40.0
141 50.0 40.4 60.6

Manual Integrations
APPROVED

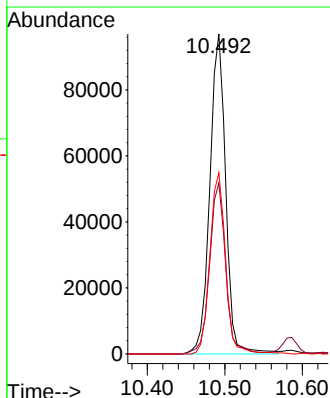
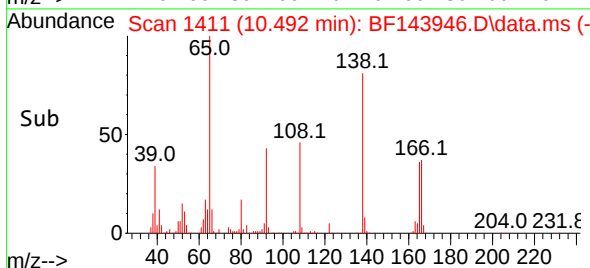
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

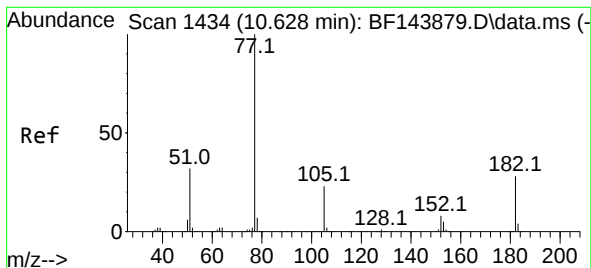


#62
4-Nitroaniline
Concen: 41.668 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.018 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57



Tgt Ion:138 Resp: 137840
Ion Ratio Lower Upper
138 100
92 53.4 33.9 73.9
108 56.6 40.2 80.2





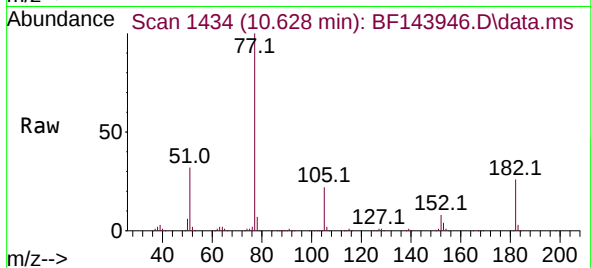
#63
Azobenzene
Concen: 42.361 ng
RT: 10.628 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

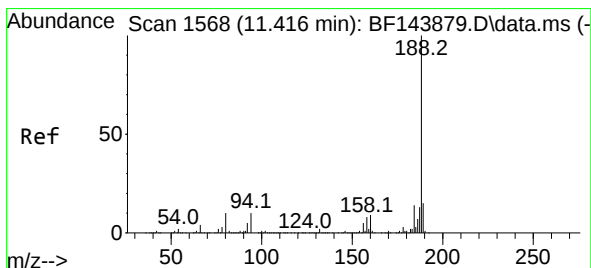
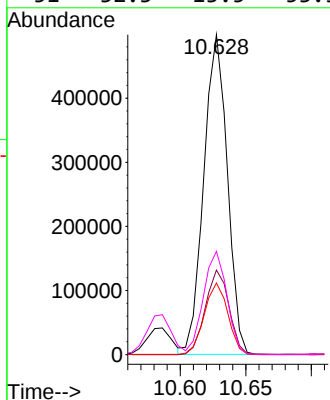
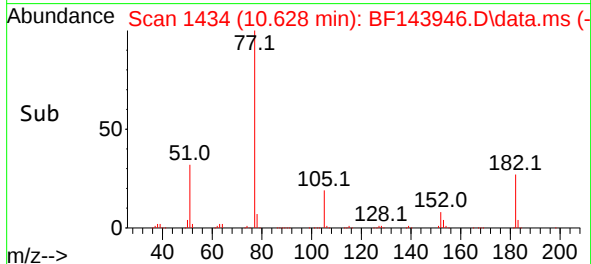


Tgt Ion: 77 Resp: 623168
Ion Ratio Lower Upper
77 100
182 26.4 7.3 47.3
105 22.4 3.0 43.0
51 32.3 13.5 53.5

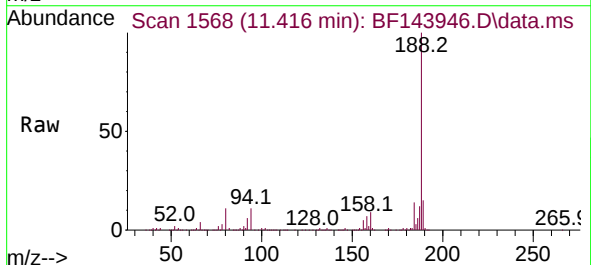
Manual Integrations

APPROVED

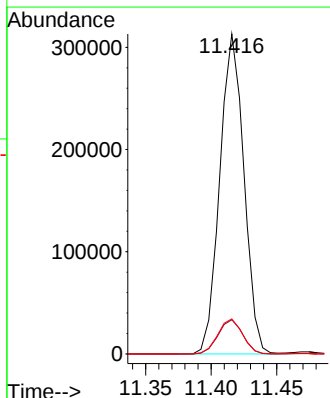
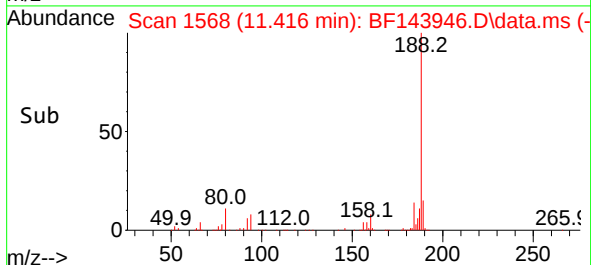
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

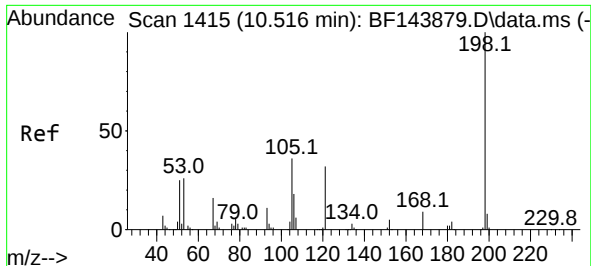


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57



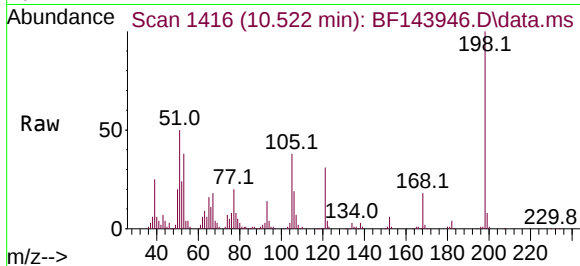
Tgt Ion:188 Resp: 401091
Ion Ratio Lower Upper
188 100
94 10.7 7.8 11.6
80 10.9 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 46.114 ng
RT: 10.522 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

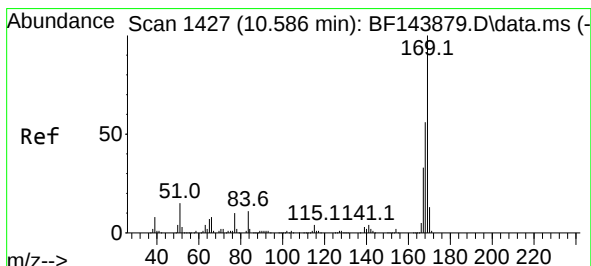
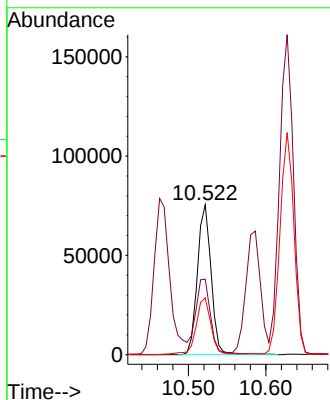
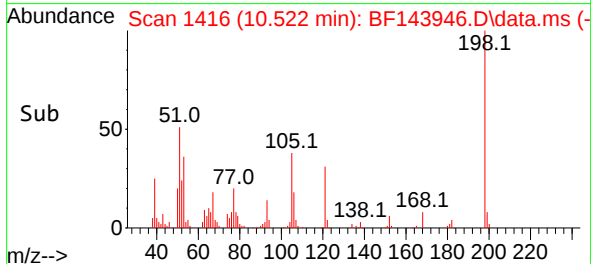
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



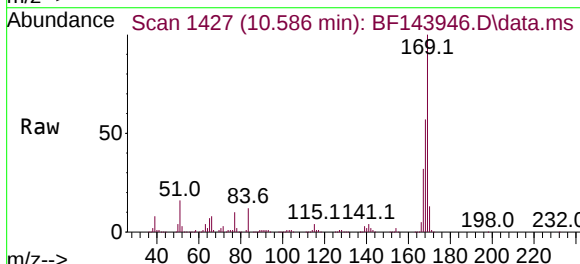
Tgt Ion:198 Resp: 92947
Ion Ratio Lower Upper
198 100
51 50.4 33.8 73.8
105 37.8 17.0 57.0

Manual Integrations
APPROVED

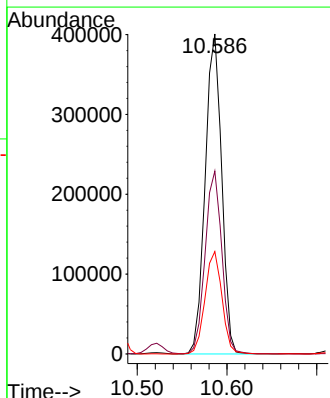
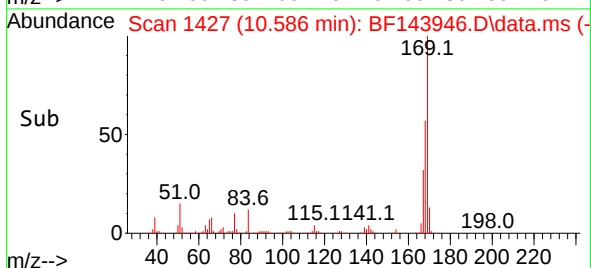
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

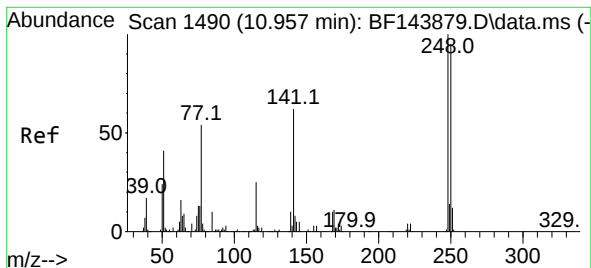


#66
n-Nitrosodiphenylamine
Concen: 40.545 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57



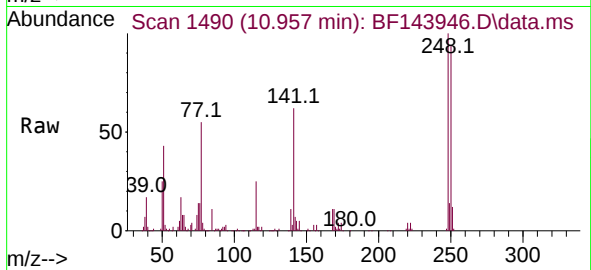
Tgt Ion:169 Resp: 510617
Ion Ratio Lower Upper
169 100
168 57.1 44.9 67.3
167 32.0 26.3 39.5





#67
4-Bromophenyl-phenylether
Concen: 40.507 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

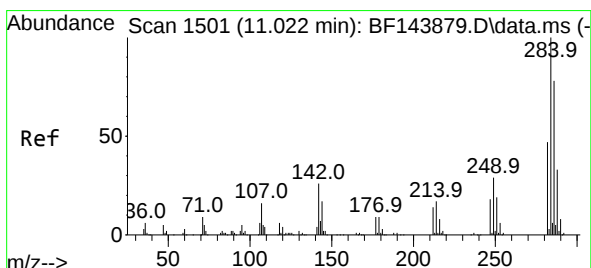
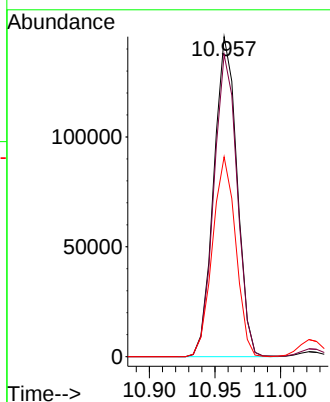
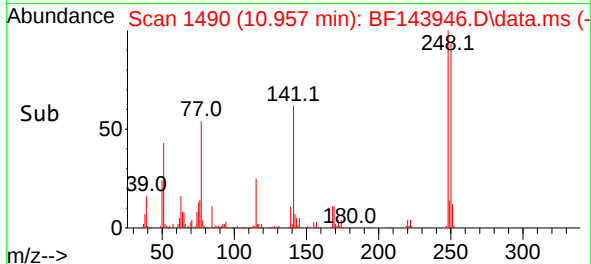
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



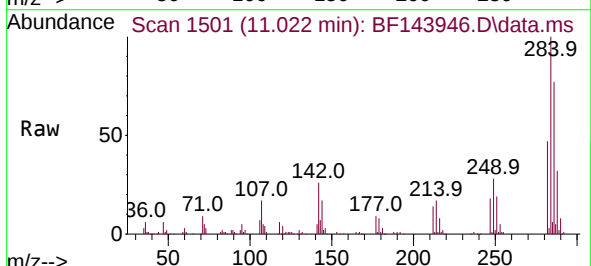
Tgt Ion:248 Resp: 179555
Ion Ratio Lower Upper
248 100
250 94.4 76.3 114.5
141 62.4 49.7 74.5

Manual Integrations
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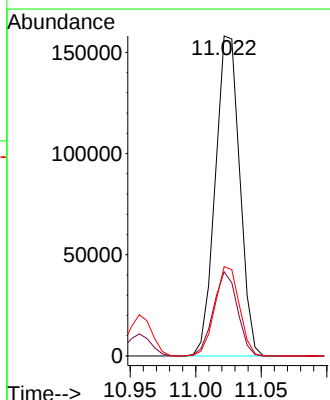
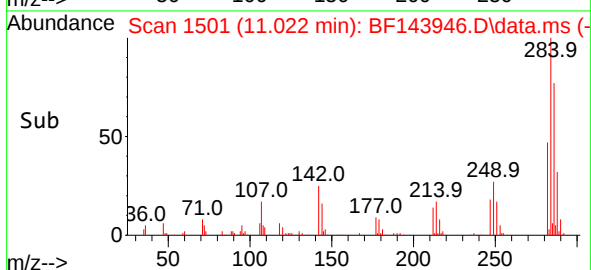
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

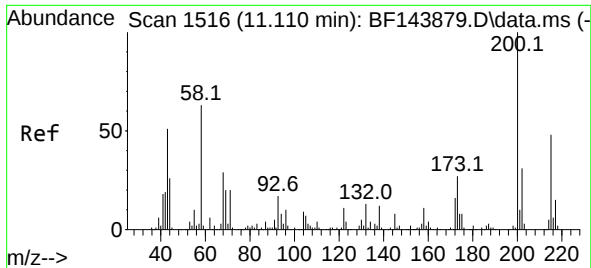


#68
Hexachlorobenzene
Concen: 39.902 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57



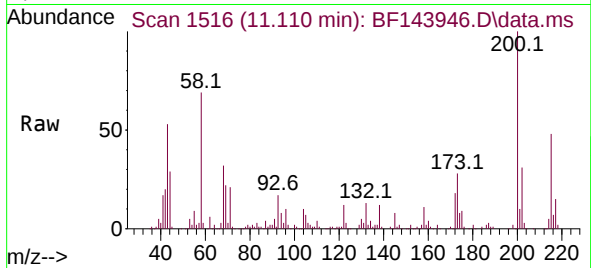
Tgt Ion:284 Resp: 204767
Ion Ratio Lower Upper
284 100
142 26.3 20.6 30.8
249 27.9 23.2 34.8





#69
Atrazine
Concen: 39.446 ng
RT: 11.110 min Scan# 1516
Delta R.T. -0.012 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

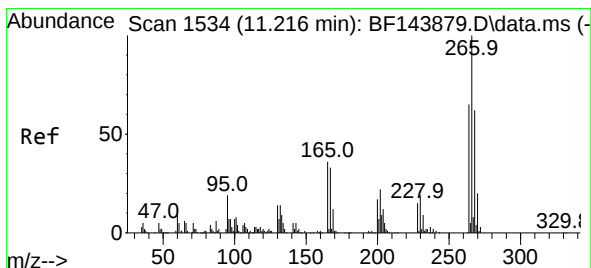
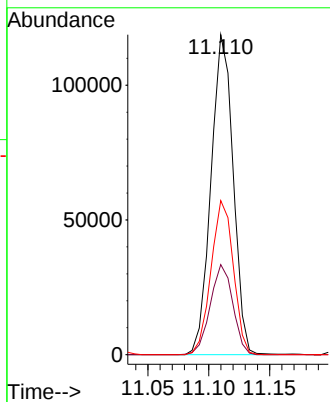
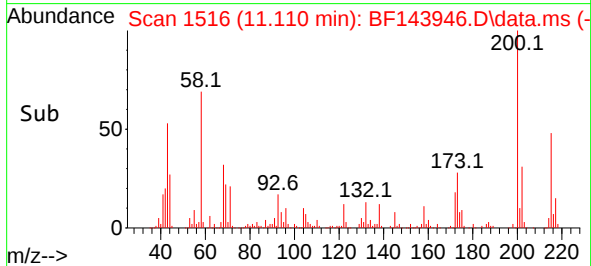
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



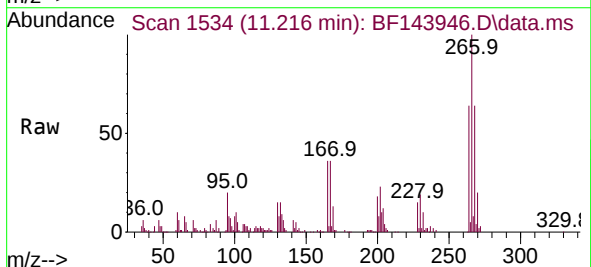
Tgt Ion:200 Resp: 15057
Ion Ratio Lower Upper
200 100
173 28.1 7.0 47.0
215 48.1 27.8 67.8

Manual Integrations
APPROVED

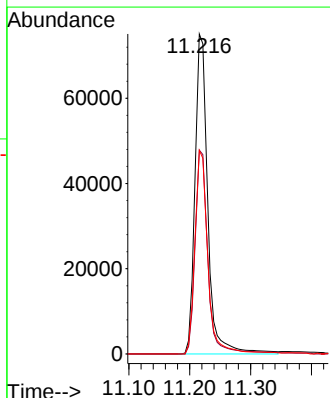
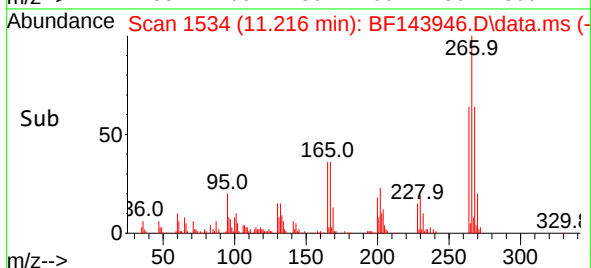
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

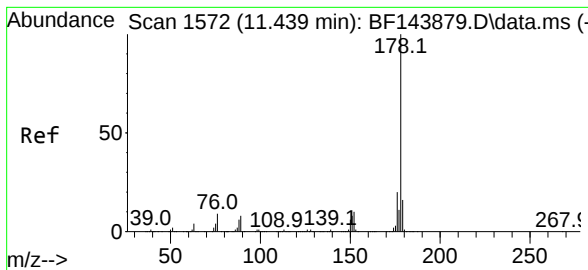


#70
Pentachlorophenol
Concen: 37.358 ng
RT: 11.216 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57



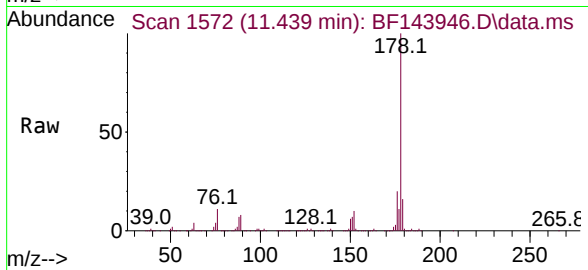
Tgt Ion:266 Resp: 110105
Ion Ratio Lower Upper
266 100
268 63.7 49.4 74.0
264 63.6 51.8 77.6





#71
Phenanthrene
Concen: 40.101 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

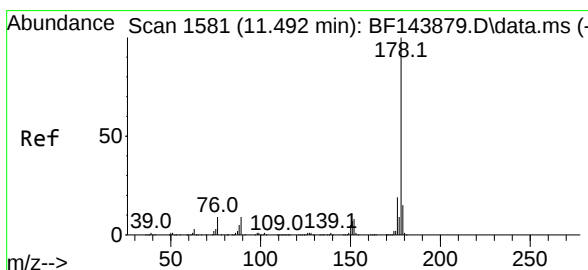
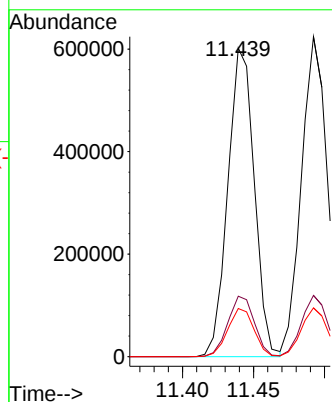
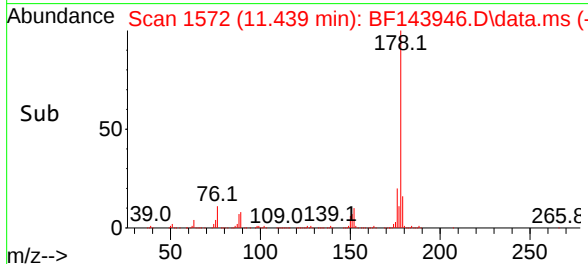
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:178 Resp: 779766
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.6 12.4 18.6

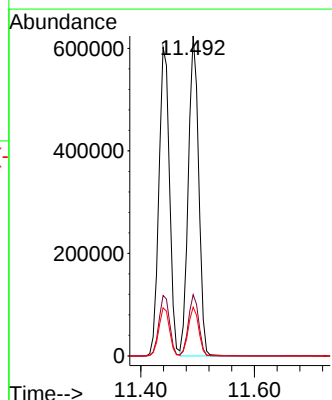
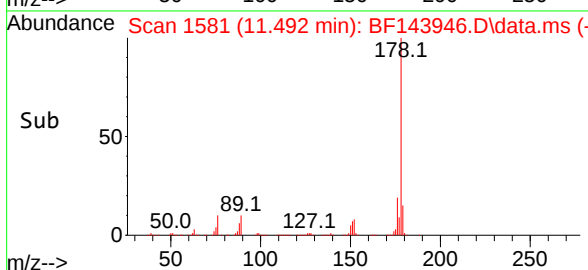
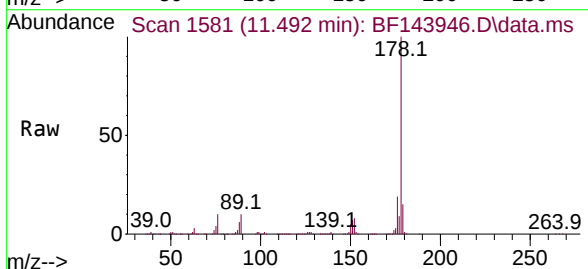
Manual Integrations
APPROVED

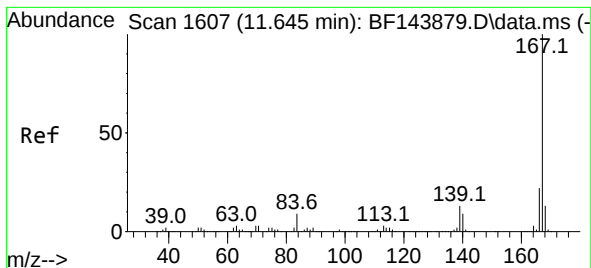
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025



#72
Anthracene
Concen: 40.330 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

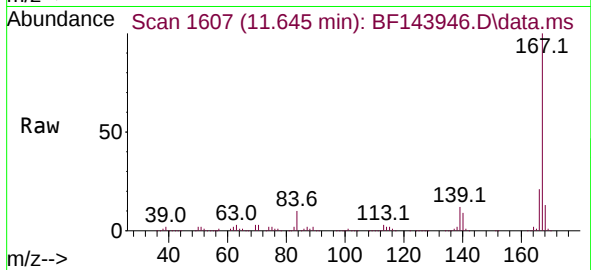
Tgt Ion:178 Resp: 792245
Ion Ratio Lower Upper
178 100
176 19.1 14.9 22.3
179 15.2 12.2 18.2





#73
 Carbazole
 Concen: 40.194 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF143946.D
 Acq: 14 Oct 2025 13:57

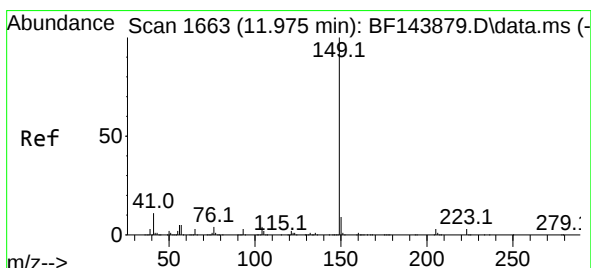
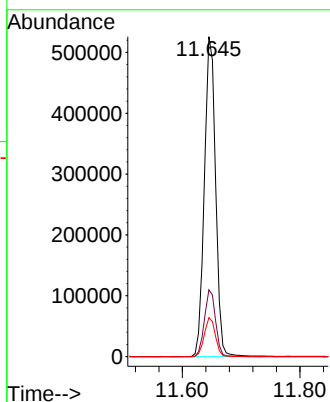
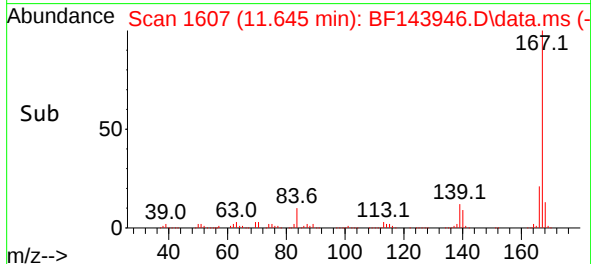
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



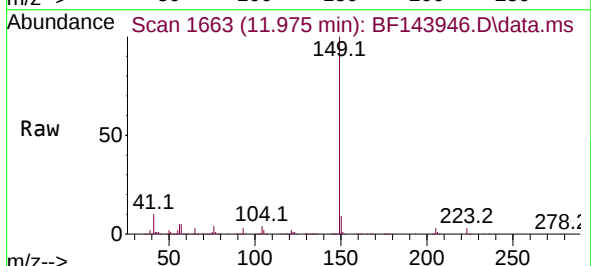
Tgt Ion:167 Resp: 699298
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.2 25.8
 139 12.2 10.1 15.1

Manual Integrations
 APPROVED

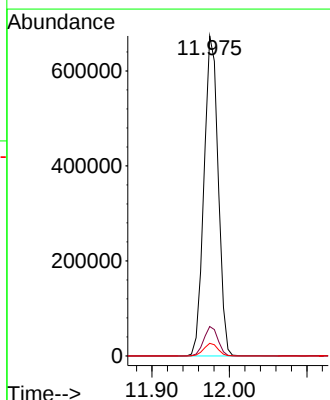
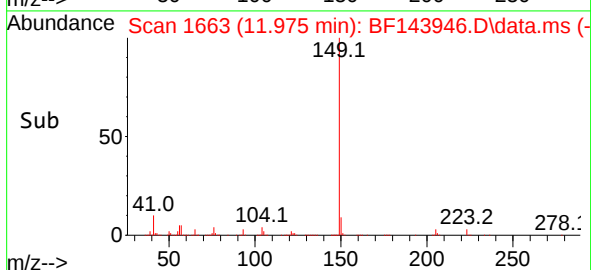
Reviewed By :Jagrut Upadhyay 10/14/2025
 Supervised By :mohammad ahmed 10/17/2025

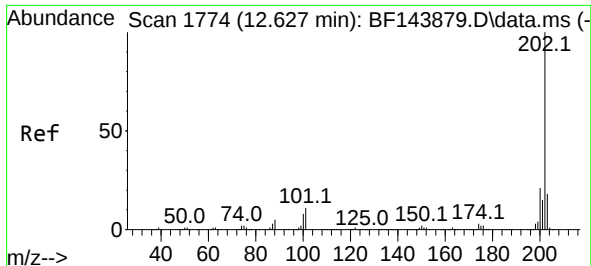


#74
 Di-n-butylphthalate
 Concen: 42.420 ng
 RT: 11.975 min Scan# 1663
 Delta R.T. -0.006 min
 Lab File: BF143946.D
 Acq: 14 Oct 2025 13:57



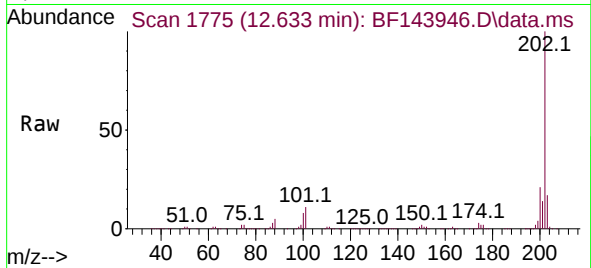
Tgt Ion:149 Resp: 855352
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 3.9 3.4 5.2





#75
Fluoranthene
Concen: 39.552 ng
RT: 12.633 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

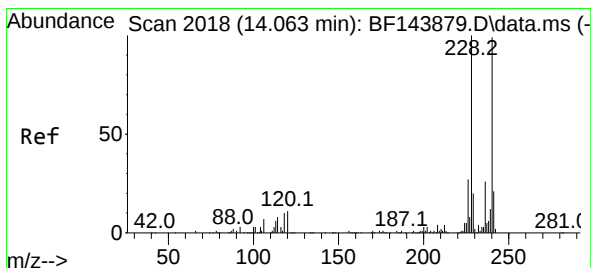
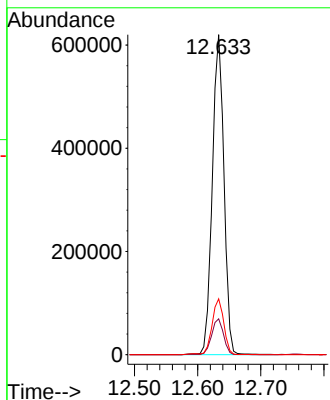
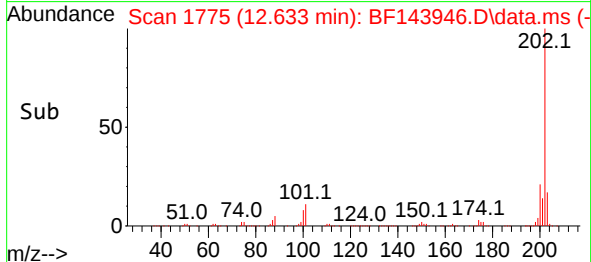
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



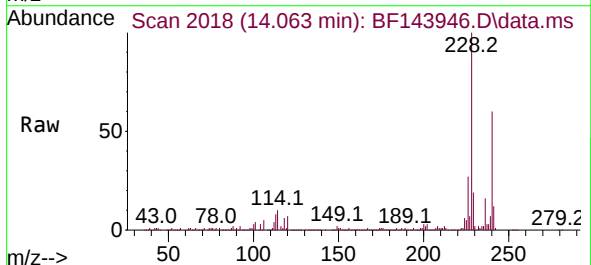
Tgt Ion:202 Resp: 794413
Ion Ratio Lower Upper
202 100
101 11.2 0.0 30.7
203 17.4 0.0 37.8

Manual Integrations
APPROVED

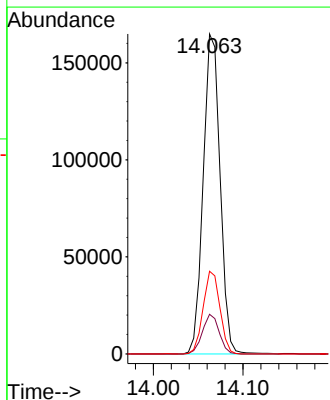
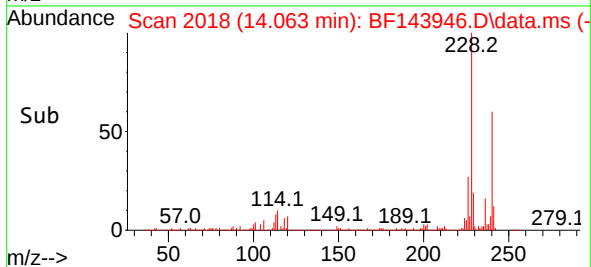
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

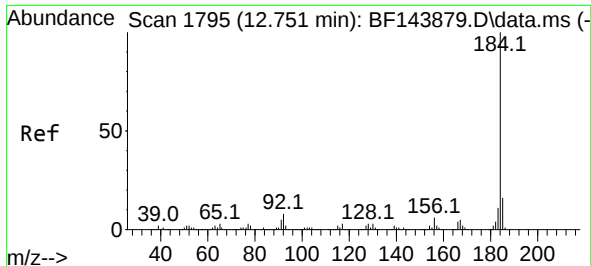


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57



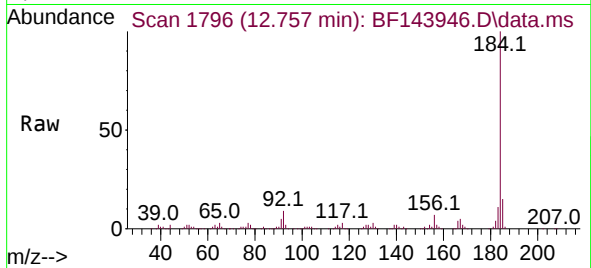
Tgt Ion:240 Resp: 215371
Ion Ratio Lower Upper
240 100
120 12.4 8.6 13.0
236 25.8 21.1 31.7





#77
Benzidine
Concen: 33.841 ng
RT: 12.757 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

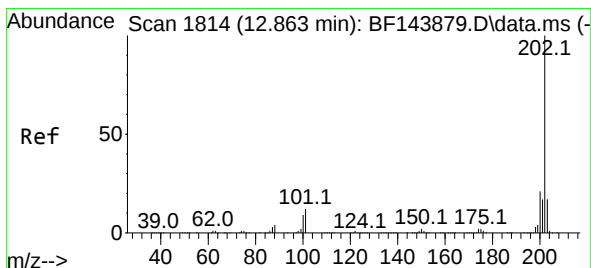
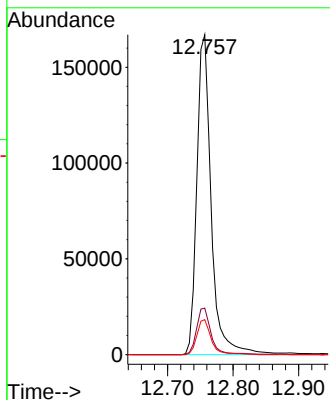
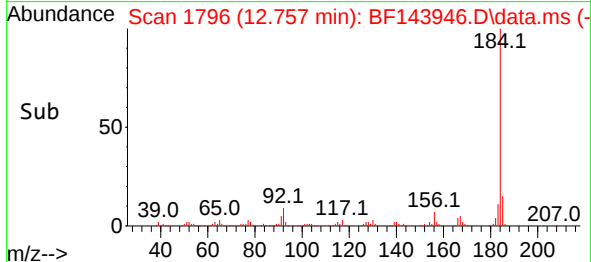
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



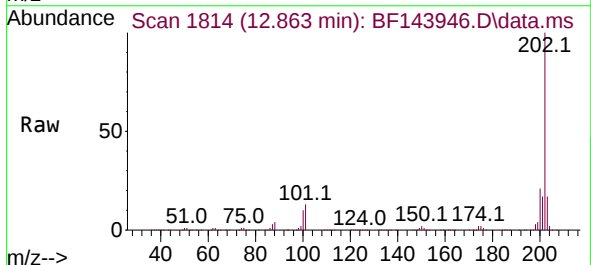
Tgt Ion:184 Resp: 253062
Ion Ratio Lower Upper
184 100
185 14.5 12.6 18.8
183 10.9 8.8 13.2

Manual Integrations
APPROVED

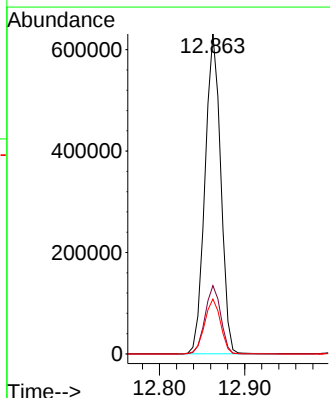
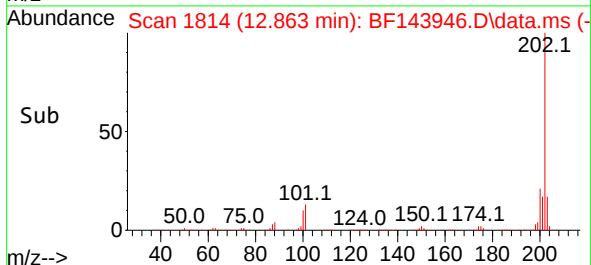
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

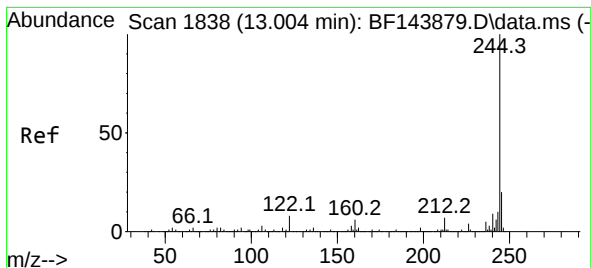


#78
Pyrene
Concen: 44.975 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57



Tgt Ion:202 Resp: 807540
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.6
203 17.1 13.8 20.6





#79

Terphenyl-d14

Concen: 91.186 ng

RT: 13.004 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BF143946.D

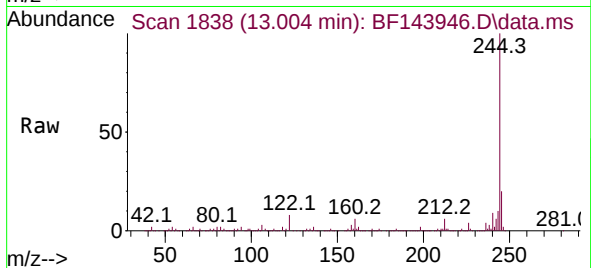
Acq: 14 Oct 2025 13:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:244 Resp: 1149086

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

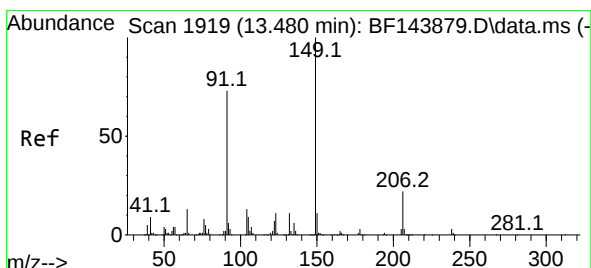
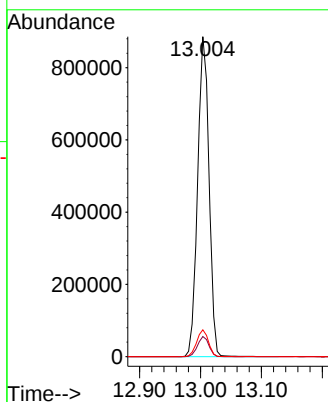
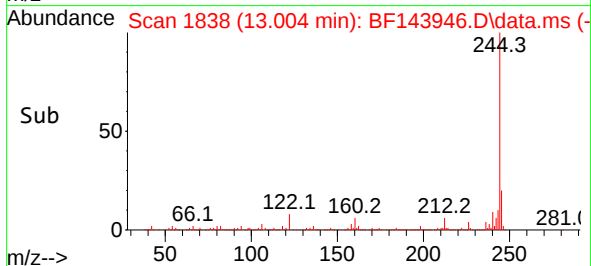
122 8.4 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2025

Supervised By :mohammad ahmed 10/17/2025



#80

Butylbenzylphthalate

Concen: 47.883 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF143946.D

Acq: 14 Oct 2025 13:57

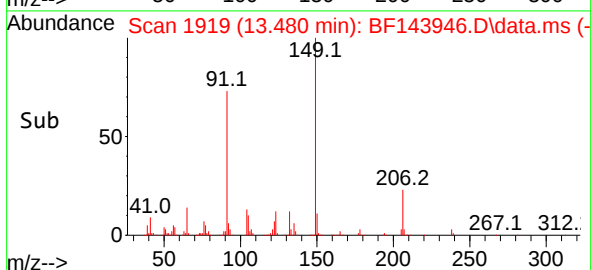
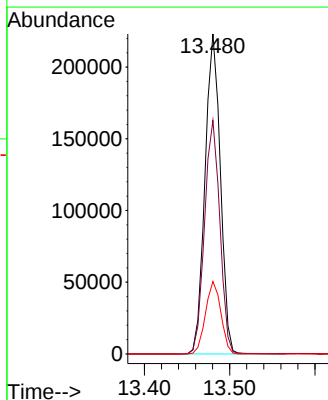
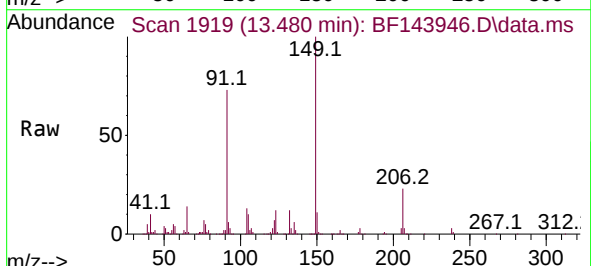
Tgt Ion:149 Resp: 279216

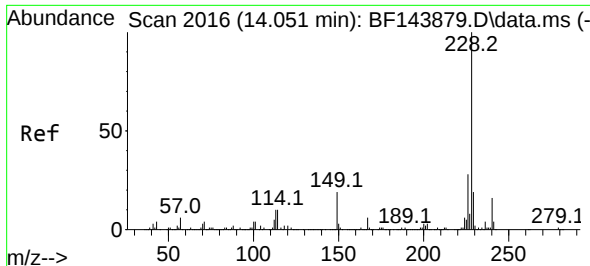
Ion Ratio Lower Upper

149 100

91 73.0 58.2 87.2

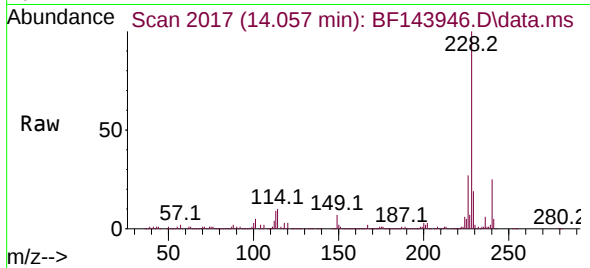
206 22.6 17.9 26.9





#81
Benzo(a)anthracene
Concen: 43.884 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

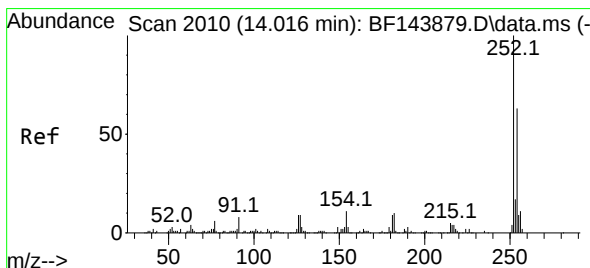
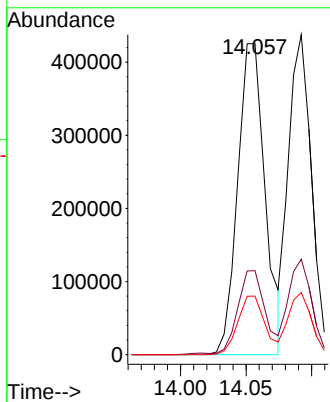
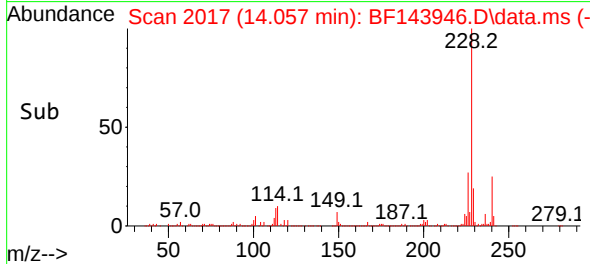
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



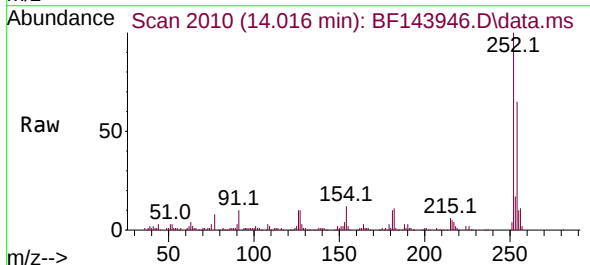
Tgt Ion:228 Resp: 618496
Ion Ratio Lower Upper
228 100
226 27.0 22.2 33.2
229 18.8 15.6 23.4

Manual Integrations
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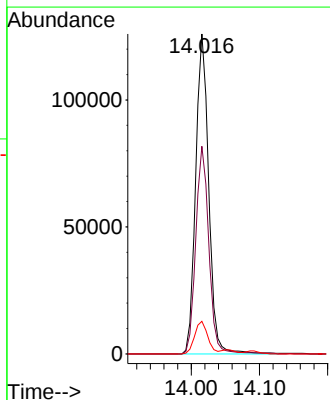
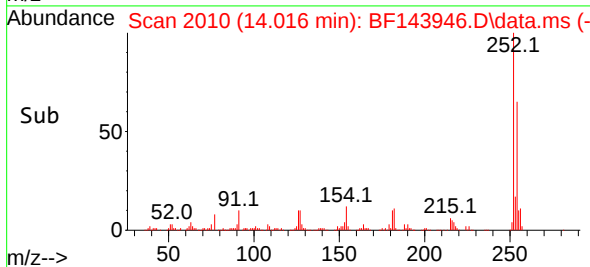
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

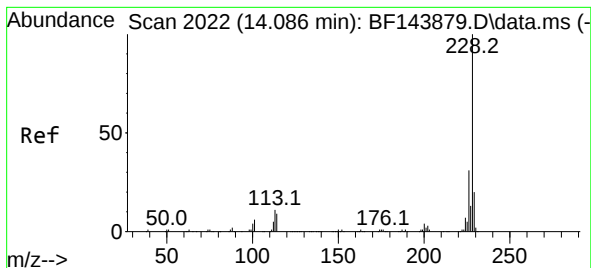


#82
3,3'-Dichlorobenzidine
Concen: 39.048 ng
RT: 14.016 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57



Tgt Ion:252 Resp: 167715
Ion Ratio Lower Upper
252 100
254 64.9 50.6 76.0
126 10.2 7.0 10.6





#83

Chrysene

Concen: 41.053 ng

RT: 14.092 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BF143946.D

Acq: 14 Oct 2025 13:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

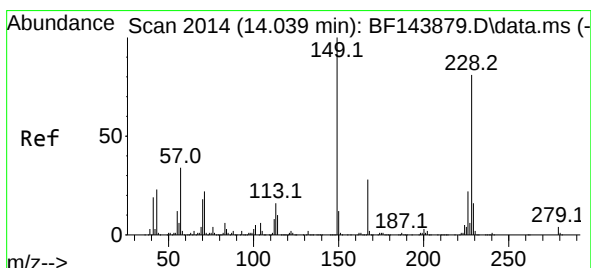
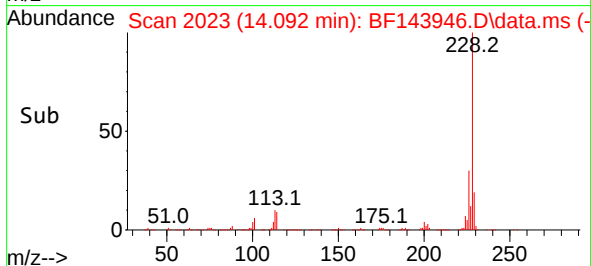
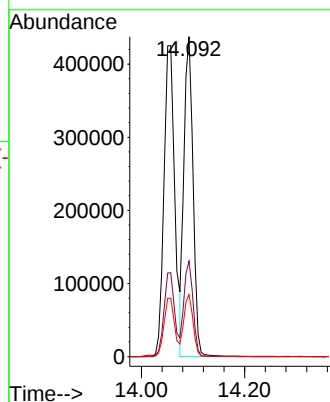
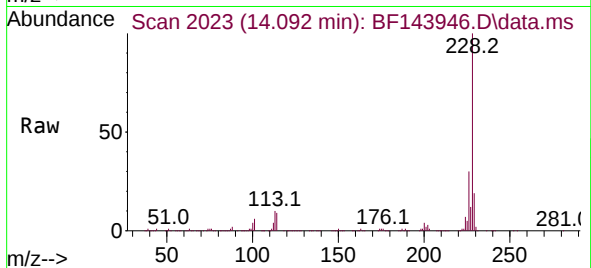
Tgt Ion:228 Resp: 535510

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.4	36.6
229	19.4	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.436 ng

RT: 14.039 min Scan# 2014

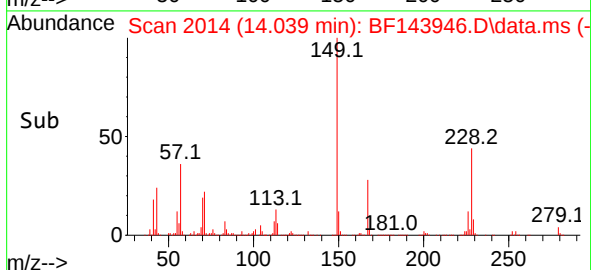
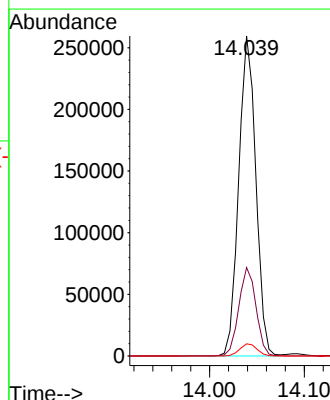
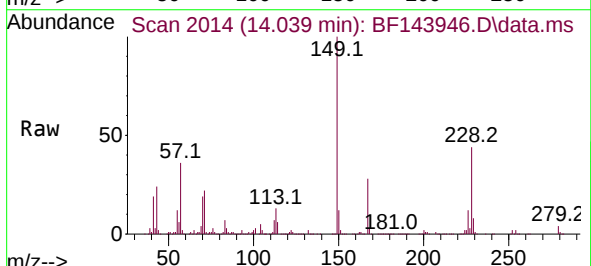
Delta R.T. 0.000 min

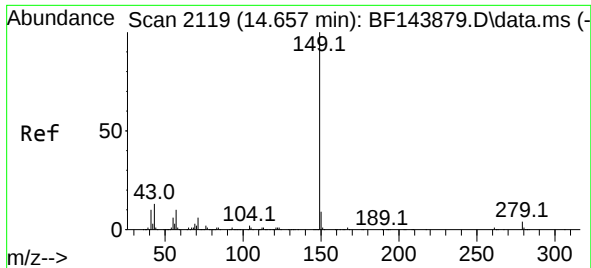
Lab File: BF143946.D

Acq: 14 Oct 2025 13:57

Tgt Ion:149 Resp: 326413

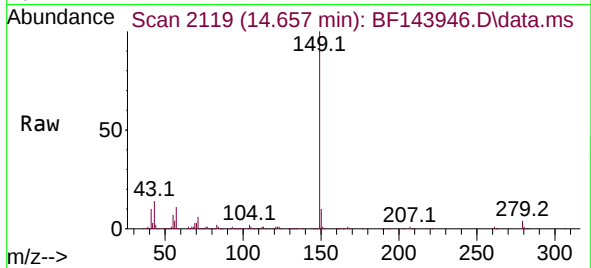
Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.2	33.4
279	3.8	3.1	4.7





#85
Di-n-octyl phthalate
Concen: 43.470 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

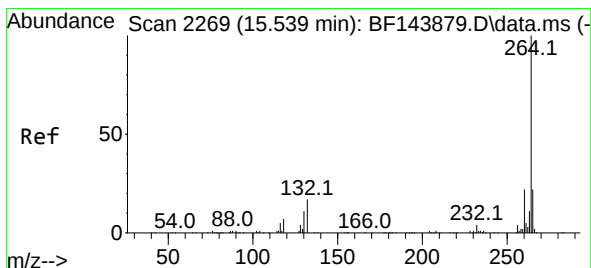
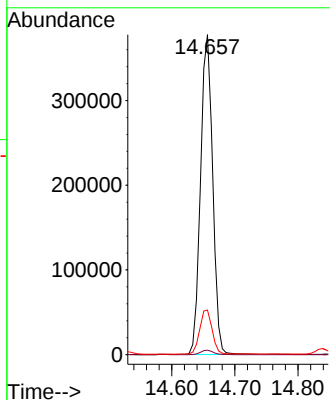
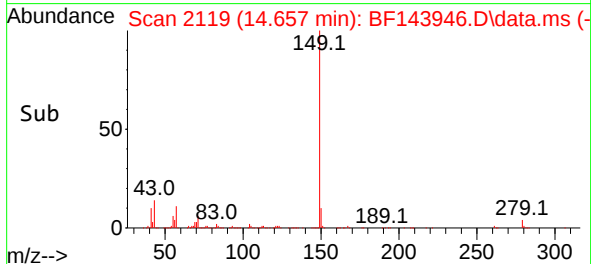
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



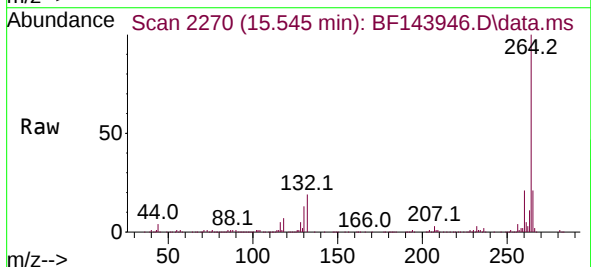
Tgt Ion:149 Resp: 501872
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 14.3 11.0 16.4

Manual Integrations
APPROVED

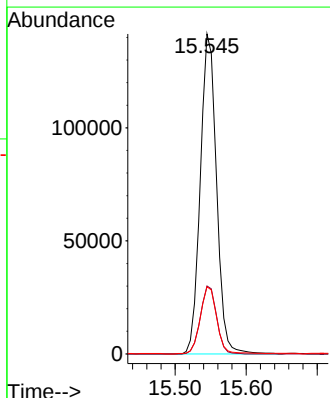
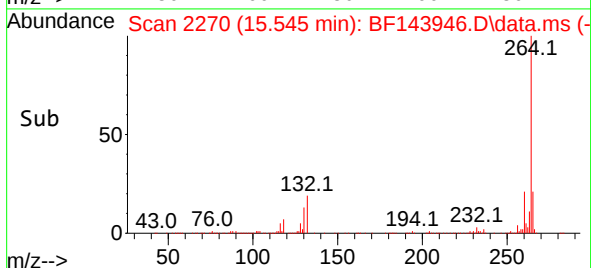
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

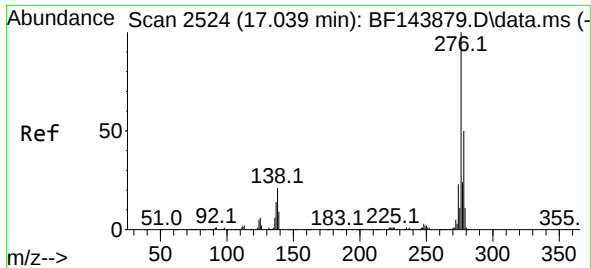


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57



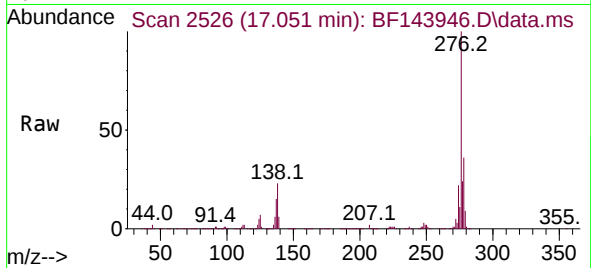
Tgt Ion:264 Resp: 223666
Ion Ratio Lower Upper
264 100
260 21.2 17.8 26.8
265 21.0 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.723 ng
RT: 17.051 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

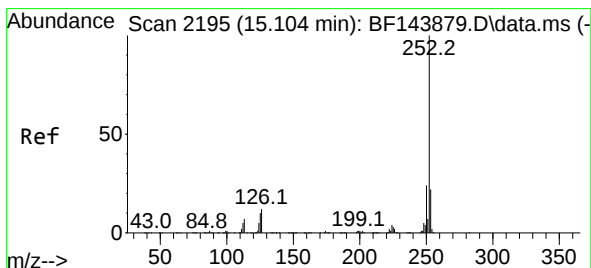
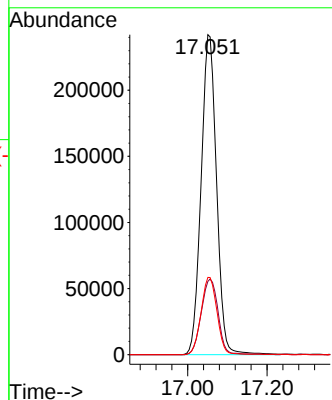
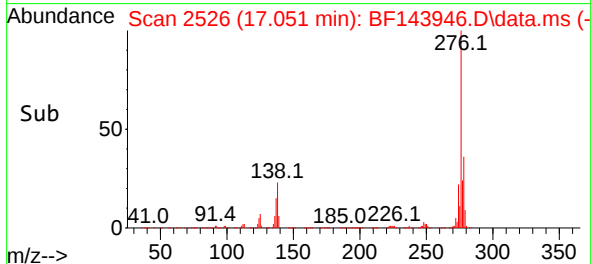
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:276 Resp: 654042
Ion Ratio Lower Upper
276 100
138 25.6 18.2 27.2
277 24.9 19.8 29.6

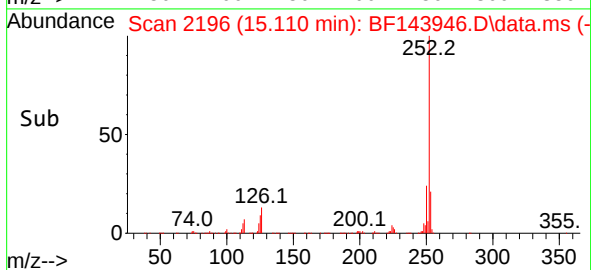
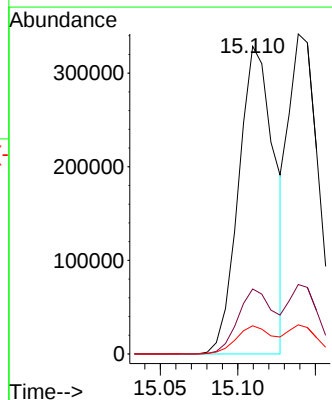
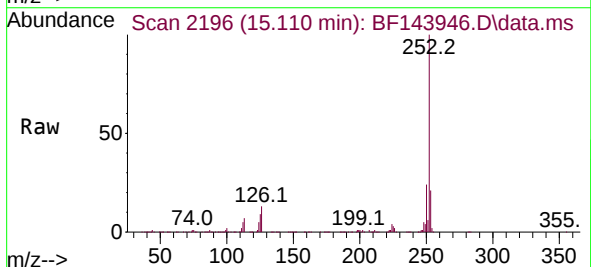
Manual Integrations
APPROVED

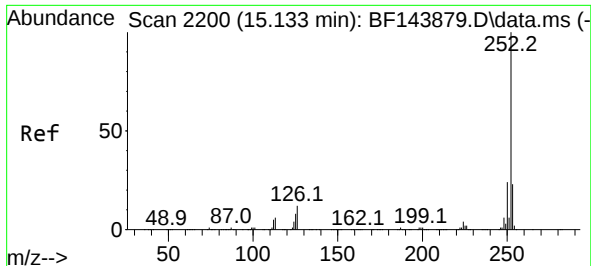
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025



#88
Benzo(b)fluoranthene
Concen: 41.093 ng
RT: 15.110 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

Tgt Ion:252 Resp: 527965
Ion Ratio Lower Upper
252 100
253 21.1 17.4 26.2
125 9.1 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 38.576 ng

RT: 15.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143946.D

Acq: 14 Oct 2025 13:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 458608

Ion Ratio Lower Upper

252 100

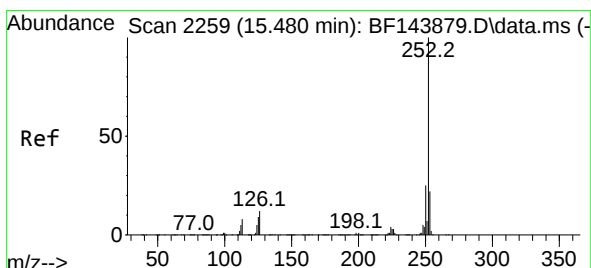
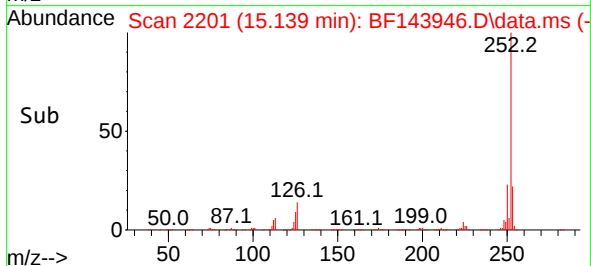
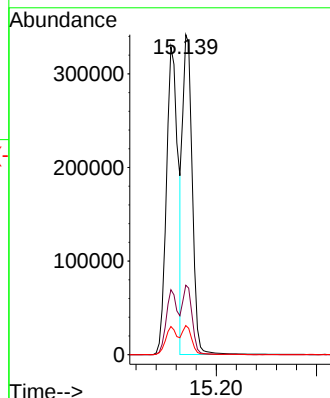
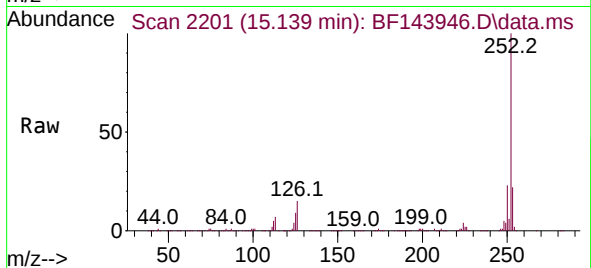
253 21.7 17.8 26.8

125 9.1 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025



#90

Benzo(a)pyrene

Concen: 41.746 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF143946.D

Acq: 14 Oct 2025 13:57

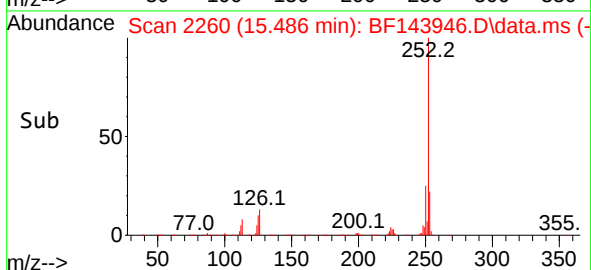
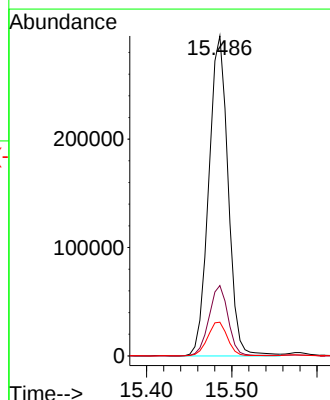
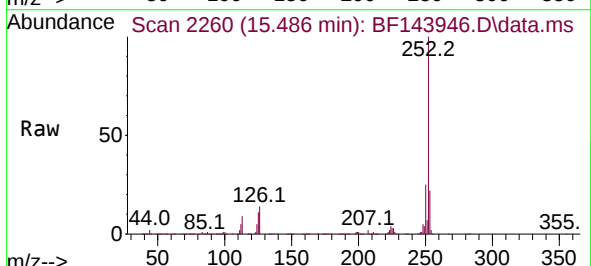
Tgt Ion:252 Resp: 465078

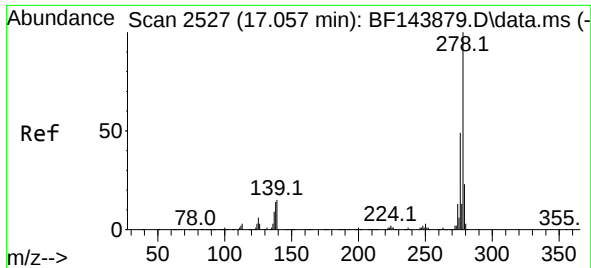
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 10.5 7.0 10.4#





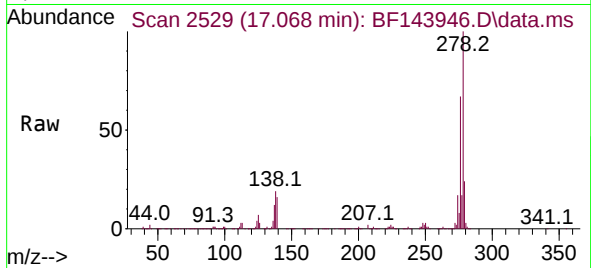
#91
Dibenzo(a,h)anthracene
Concen: 46.900 ng
RT: 17.068 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

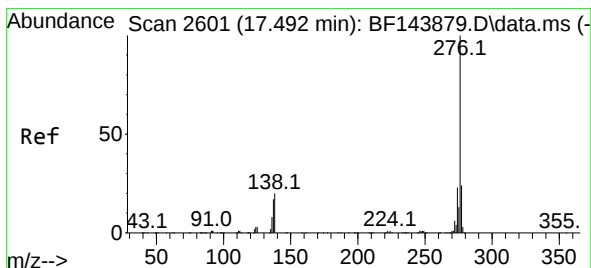
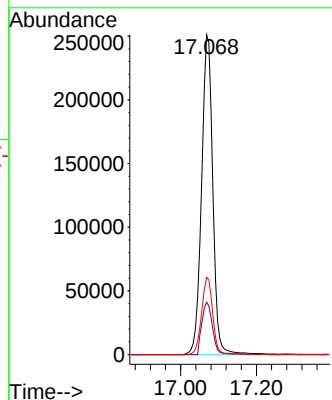
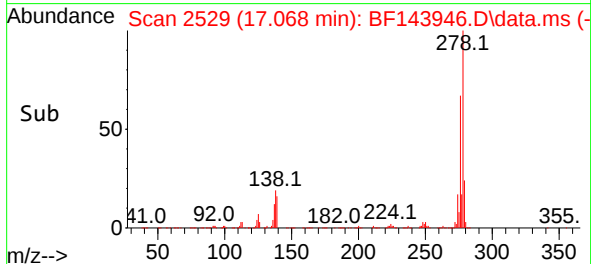


Tgt Ion:278 Resp: 51694
Ion Ratio Lower Upper
278 100
139 16.4 11.7 17.5
279 24.1 18.4 27.6

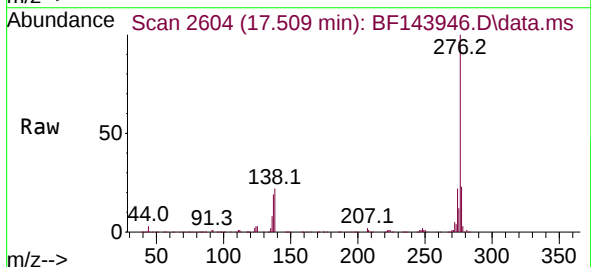
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025



#92
Benzo(g,h,i)perylene
Concen: 47.220 ng
RT: 17.509 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF143946.D
Acq: 14 Oct 2025 13:57



Tgt Ion:276 Resp: 520481
Ion Ratio Lower Upper
276 100
277 23.3 19.0 28.6
138 22.2 16.1 24.1

