

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
 Data File : BF144382.D
 Acq On : 01 Dec 2025 12:41
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025

Quant Time: Dec 01 13:07:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	58717	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	221118	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	119295	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	191565	20.000	ng	0.00
76) Chrysene-d12	14.045	240	137289	20.000	ng	0.00
86) Perylene-d12	15.527	264	182291	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	313920	83.663	ng	0.00
7) Phenol-d6	6.498	99	347086	81.638	ng	0.00
23) Nitrobenzene-d5	7.428	82	307849	80.409	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	107298	71.675	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	622643	77.086	ng	0.00
79) Terphenyl-d14	12.980	244	600969	69.531	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.575	88	68402	44.094	ng	96
3) Pyridine	3.351	79	187981	43.435	ng	98
4) n-Nitrosodimethylamine	3.298	42	86064	38.071	ng	91
6) Aniline	6.528	93	244717	40.400	ng	91
8) 2-Chlorophenol	6.651	128	154379	41.954	ng	99
9) Benzaldehyde	6.416	77	116553	48.549	ng	98
10) Phenol	6.516	94	212470	40.903	ng	84
11) bis(2-Chloroethyl)ether	6.598	93	159024	42.014	ng	99
12) 1,3-Dichlorobenzene	6.804	146	180848	39.829	ng	97
13) 1,4-Dichlorobenzene	6.881	146	182952	40.218	ng	99
14) 1,2-Dichlorobenzene	7.034	146	171877	39.420	ng	99
15) Benzyl Alcohol	7.010	79	132720	39.424	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.134	45	287361	41.227	ng	88
17) 2-Methylphenol	7.122	107	118607	40.517	ng	97
18) Hexachloroethane	7.375	117	60409	39.971	ng	100
19) n-Nitroso-di-n-propyla...	7.275	70	104910	37.484	ng	98
20) 3+4-Methylphenols	7.275	107	137064	39.719	ng	95
22) Acetophenone	7.275	105	183860	38.761	ng	97
24) Nitrobenzene	7.451	77	168032	40.422	ng	97
25) Isophorone	7.686	82	288281	39.808	ng	98
26) 2-Nitrophenol	7.763	139	87141	42.348	ng	96
27) 2,4-Dimethylphenol	7.798	122	126939m	41.158	ng	
28) bis(2-Chloroethoxy)met...	7.892	93	187333	41.425	ng	98
29) 2,4-Dichlorophenol	8.010	162	143010	40.230	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	140198	38.408	ng	99
31) Naphthalene	8.169	128	425428	40.446	ng	99
32) Benzoic acid	7.916	122	86617m	38.313	ng	
33) 4-Chloroaniline	8.222	127	155895	40.638	ng	98
34) Hexachlorobutadiene	8.281	225	101051	36.733	ng	98
35) Caprolactam	8.592	113	39341	40.395	ng	97
36) 4-Chloro-3-methylphenol	8.704	107	127233	39.937	ng	99
37) 2-Methylnaphthalene	8.863	142	276714	39.348	ng	99
38) 1-Methylnaphthalene	8.957	142	261880	38.593	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	149328	38.194	ng	97
41) Hexachlorocyclopentadiene	9.010	237	37801	33.548	ng	98
43) 2,4,6-Trichlorophenol	9.139	196	103805	39.010	ng	100

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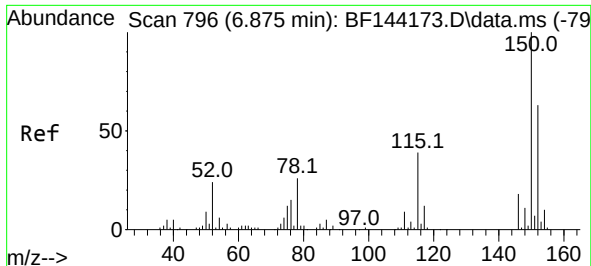
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	109307	38.113	ng	99
46) 1,1'-Biphenyl	9.322	154	337329	40.510	ng	100
47) 2-Chloronaphthalene	9.351	162	284497	40.052	ng	99
48) 2-Nitroaniline	9.451	65	84742	41.348	ng	94
49) Acenaphthylene	9.763	152	384106	39.682	ng	100
50) Dimethylphthalate	9.616	163	303102	38.352	ng	99
51) 2,6-Dinitrotoluene	9.686	165	64232	40.149	ng	97
52) Acenaphthene	9.939	154	235733	36.418	ng	99
53) 3-Nitroaniline	9.863	138	71774	41.041	ng	96
54) 2,4-Dinitrophenol	9.975	184	42780	44.283	ng	97
55) Dibenzofuran	10.110	168	351740	38.799	ng	99
56) 4-Nitrophenol	10.033	139	45990	36.354	ng	89
57) 2,4-Dinitrotoluene	10.098	165	85136	39.752	ng	98
58) Fluorene	10.457	166	266464	38.659	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	74216	36.576	ng	# 100
60) Diethylphthalate	10.322	149	274187	37.635	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	147621	37.599	ng	99
62) 4-Nitroaniline	10.474	138	65981	39.617	ng	93
63) Azobenzene	10.604	77	267889	39.510	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	48786	37.488	ng	96
66) n-Nitrosodiphenylamine	10.563	169	254610	41.324	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	94832	38.784	ng	99
68) Hexachlorobenzene	11.004	284	111963	38.875	ng	98
69) Atrazine	11.092	200	71941	36.716	ng	96
70) Pentachlorophenol	11.204	266	60464	42.160	ng	99
71) Phenanthrene	11.421	178	383477	40.206	ng	99
72) Anthracene	11.474	178	389942	40.207	ng	99
73) Carbazole	11.627	167	335985	40.741	ng	99
74) Di-n-butylphthalate	11.951	149	399779	40.101	ng	99
75) Fluoranthene	12.616	202	393834	39.973	ng	99
77) Benzidine	12.733	184	205721	50.659	ng	99
78) Pyrene	12.845	202	401965	36.313	ng	98
80) Butylbenzylphthalate	13.457	149	148885	38.807	ng	96
81) Benzo(a)anthracene	14.033	228	388268	40.805	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	134399	41.207	ng	98
83) Chrysene	14.074	228	340440	38.758	ng	98
84) Bis(2-ethylhexyl)phtha...	14.015	149	212428	40.447	ng	98
85) Di-n-octyl phthalate	14.627	149	390334	43.076	ng	100
87) Indeno(1,2,3-cd)pyrene	17.045	276	499107	38.142	ng	# 95
88) Benzo(b)fluoranthene	15.098	252	412945m	39.846	ng	
89) Benzo(k)fluoranthene	15.127	252	387886	39.987	ng	98
90) Benzo(a)pyrene	15.468	252	384963	40.265	ng	# 99
91) Dibenzo(a,h)anthracene	17.056	278	405260	38.563	ng	98
92) Benzo(g,h,i)perylene	17.498	276	397188	38.273	ng	97

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

Manual Integrations APPROVED

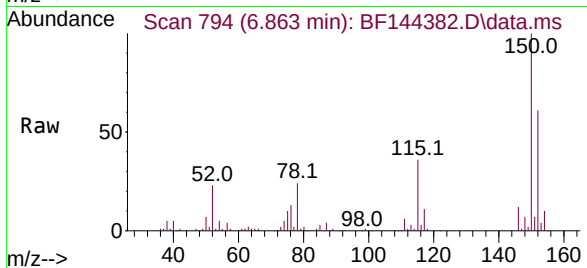
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

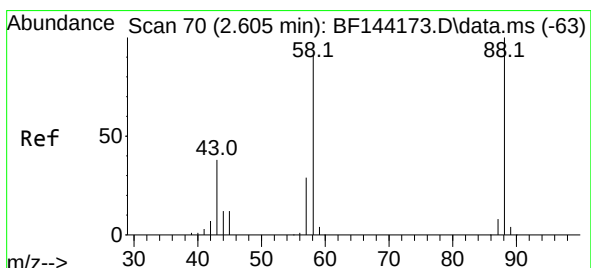
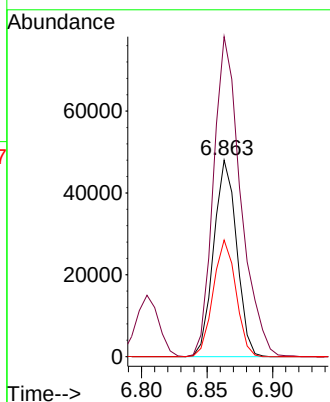
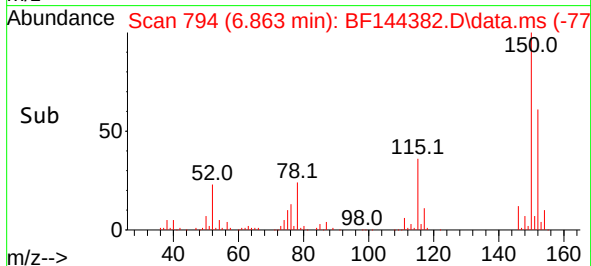
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 5871
Ion Ratio Lower Upper
152 100
150 163.0 127.4 191.0
115 59.4 49.5 74.3

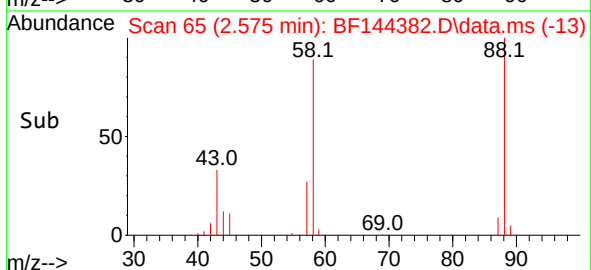
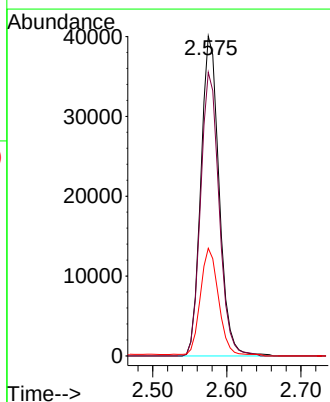
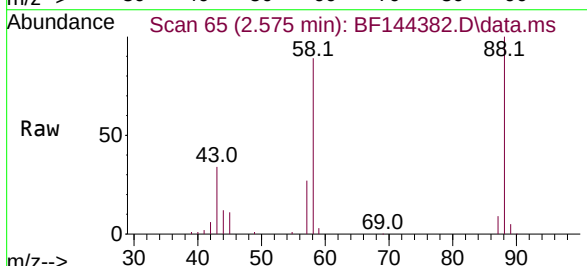
Manual Integrations
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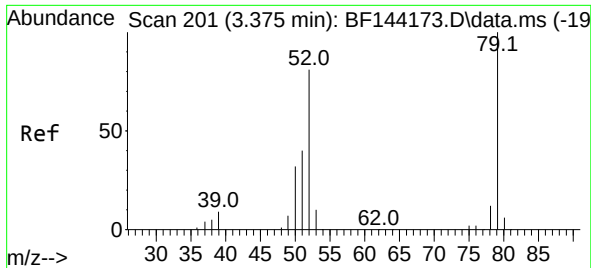
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#2
1,4-Dioxane
Concen: 44.094 ng
RT: 2.575 min Scan# 65
Delta R.T. -0.041 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion: 88 Resp: 68402
Ion Ratio Lower Upper
88 100
58 89.7 73.1 109.7
43 34.0 31.0 46.6





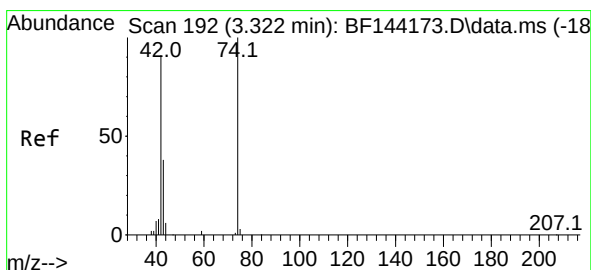
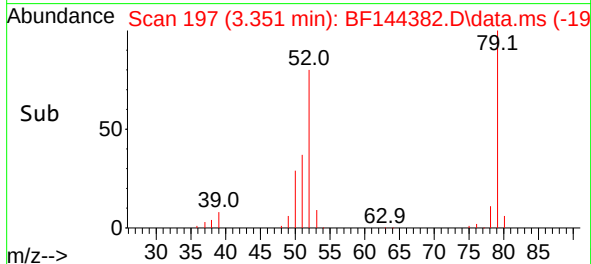
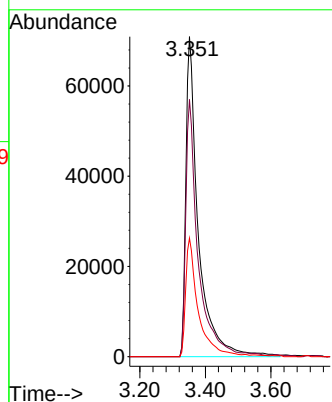
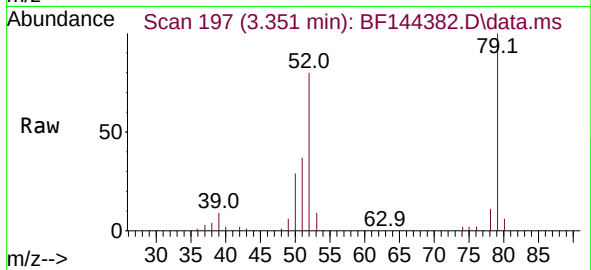
#3
Pyridine
Concen: 43.435 ng
RT: 3.351 min Scan# 19
Delta R.T. -0.059 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 18798
Ion Ratio Lower Upper
79 100
52 80.3 64.5 96.7
51 37.0 31.7 47.5

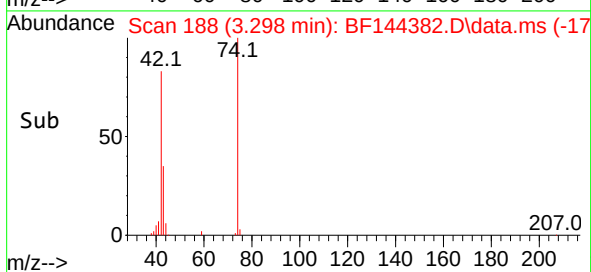
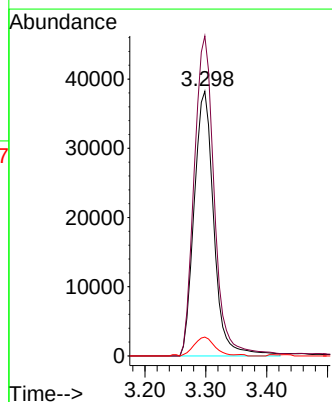
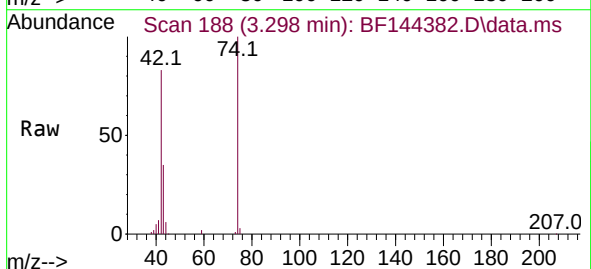
Manual Integrations
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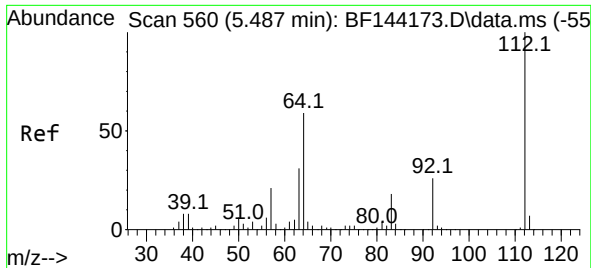
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#4
n-Nitrosodimethylamine
Concen: 38.071 ng
RT: 3.298 min Scan# 188
Delta R.T. -0.047 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion: 42 Resp: 86064
Ion Ratio Lower Upper
42 100
74 120.9 88.2 132.4
44 7.1 5.7 8.5





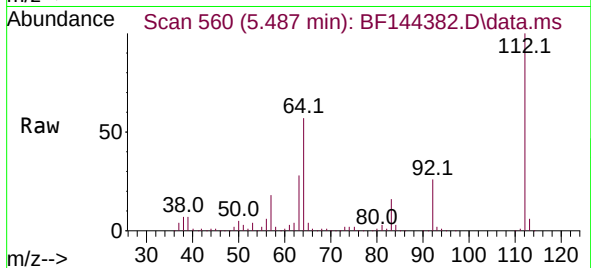
#5
2-Fluorophenol
Concen: 83.663 ng
RT: 5.487 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

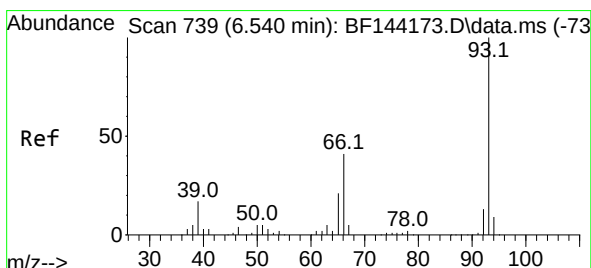
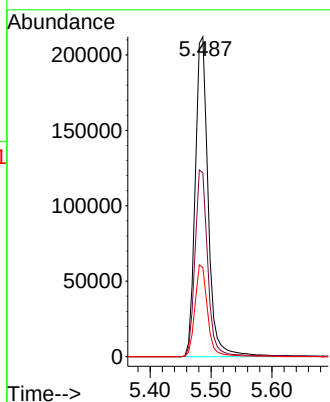
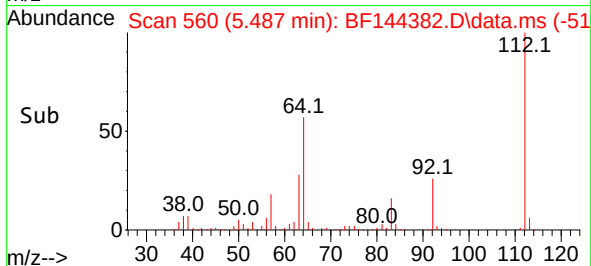


Tgt Ion:112 Resp: 313920
Ion Ratio Lower Upper
112 100
64 57.4 47.2 70.8
63 27.8 24.4 36.6

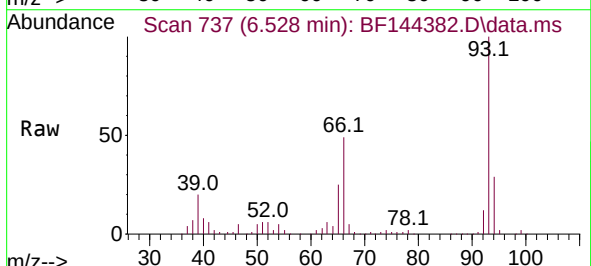
Manual Integrations

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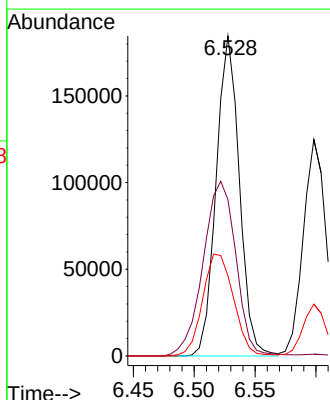
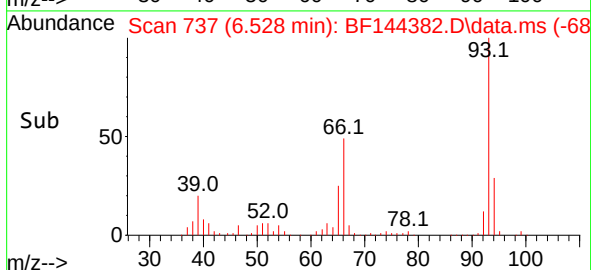
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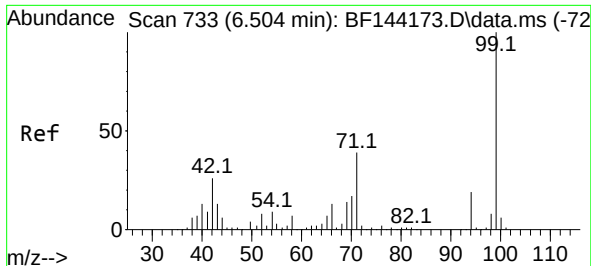


#6
Aniline
Concen: 40.400 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41



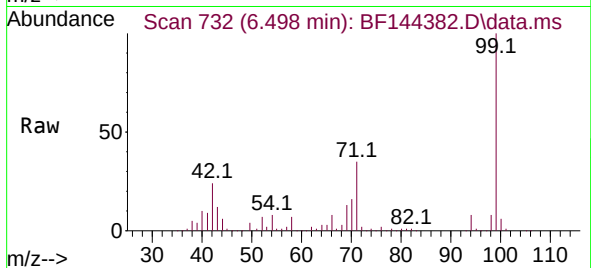
Tgt Ion: 93 Resp: 244717
Ion Ratio Lower Upper
93 100
66 48.8 34.3 51.5
65 25.0 16.9 25.3





#7
Phenol-d6
Concen: 81.638 ng
RT: 6.498 min Scan# 733
Delta R.T. -0.000 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

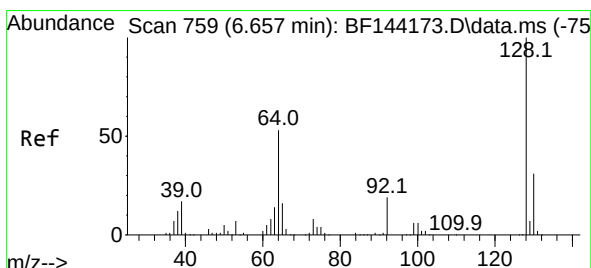
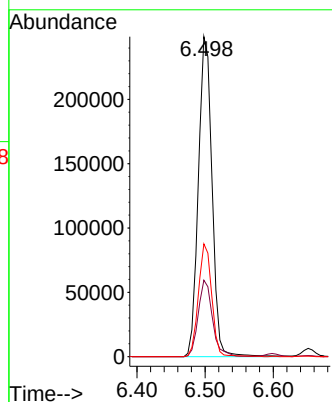
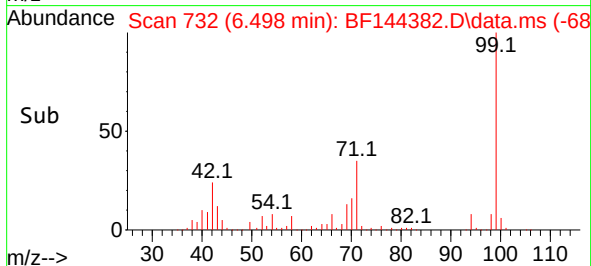
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BNA_F
ClientSampleId :
SSTDCCC040



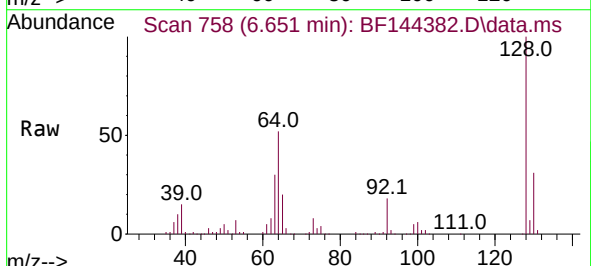
Tgt Ion: 99 Resp: 347086
Ion Ratio Lower Upper
99 100
42 23.9 20.9 31.3
71 35.2 31.4 47.2

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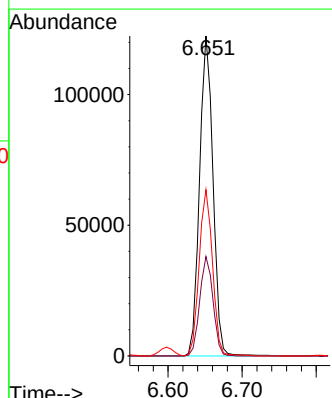
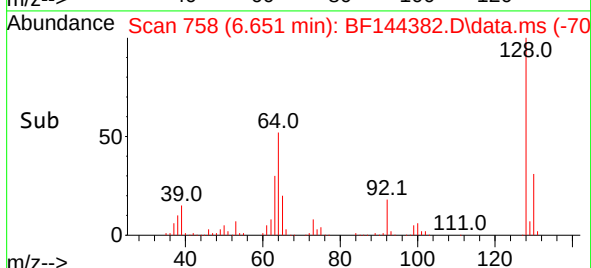
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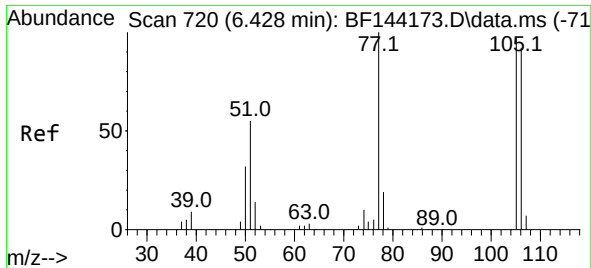


#8
2-Chlorophenol
Concen: 41.954 ng
RT: 6.651 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41



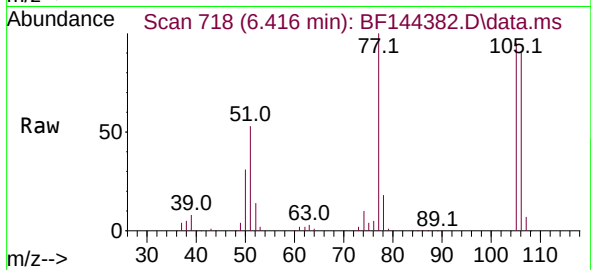
Tgt Ion:128 Resp: 154379
Ion Ratio Lower Upper
128 100
130 31.0 10.5 50.5
64 51.9 33.2 73.2





#9
Benzaldehyde
Concen: 48.549 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

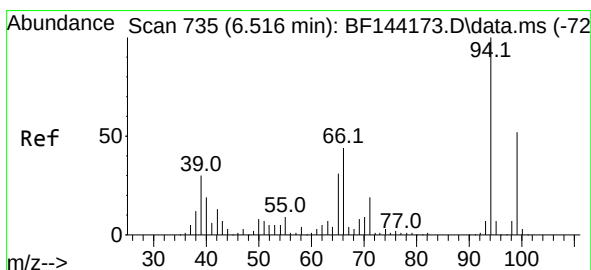
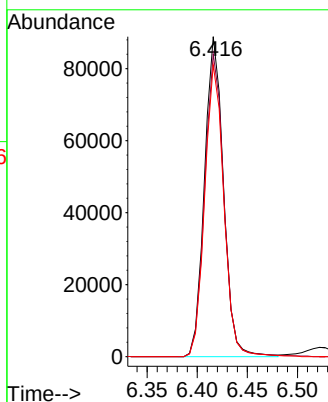
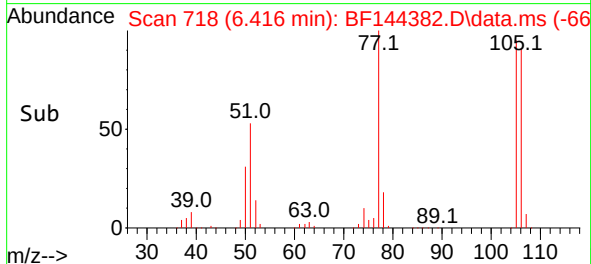
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 77 Resp: 11655
Ion Ratio Lower Upper
77 100
105 94.6 77.2 117.2
106 91.2 72.2 112.2

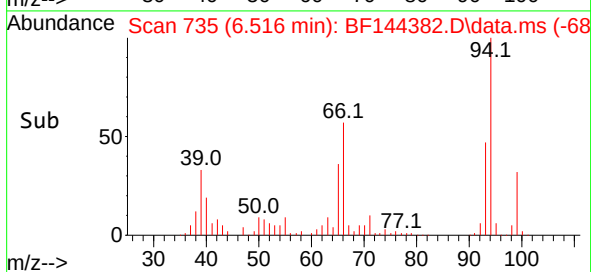
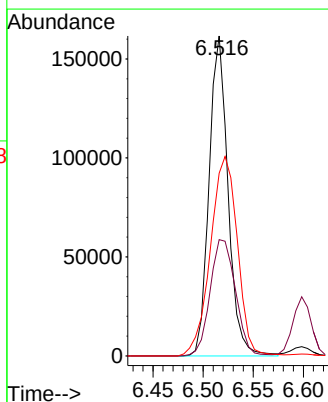
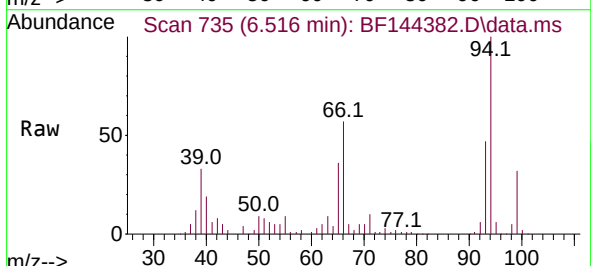
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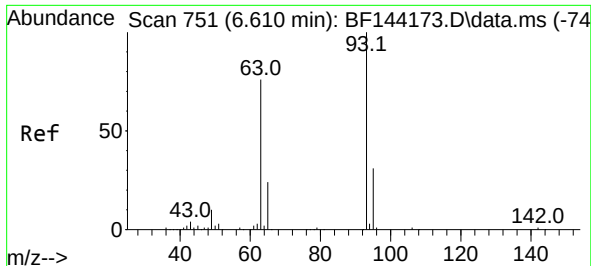
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#10
Phenol
Concen: 40.903 ng
RT: 6.516 min Scan# 735
Delta R.T. 0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion: 94 Resp: 212470
Ion Ratio Lower Upper
94 100
65 36.3 10.8 50.8
66 57.1 24.3 64.3





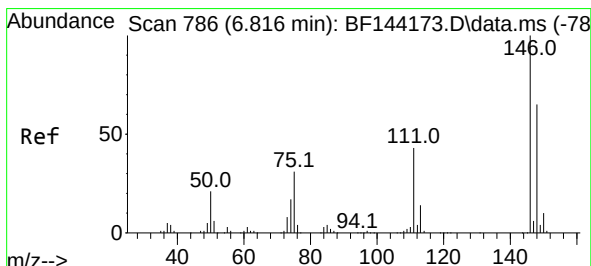
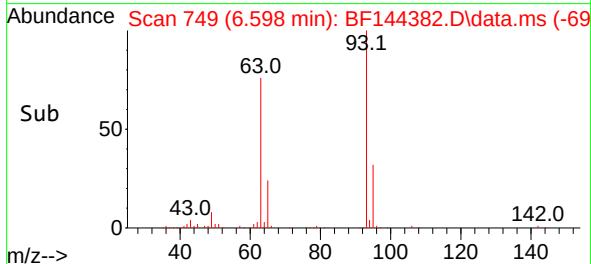
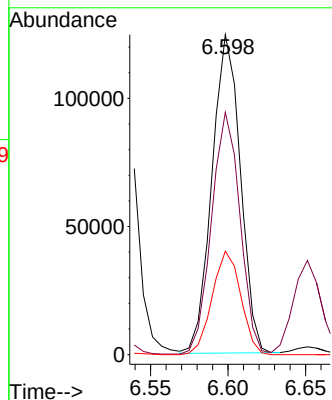
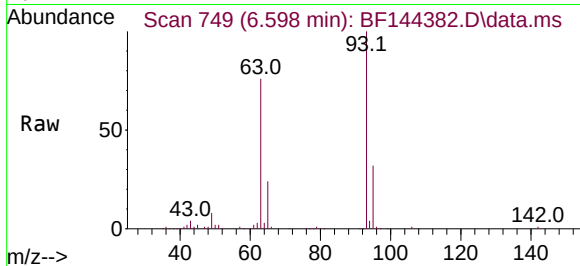
#11
bis(2-Chloroethyl)ether
Concen: 42.014 ng
RT: 6.598 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 159024
Ion Ratio Lower Upper
93 100
63 75.7 55.2 95.2
95 32.3 11.2 51.2

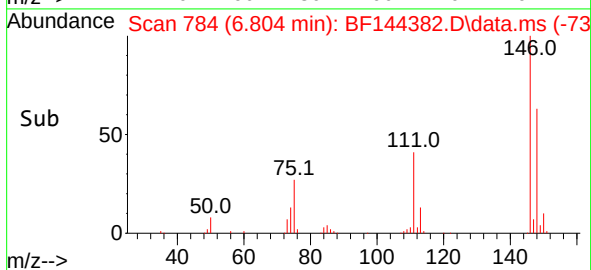
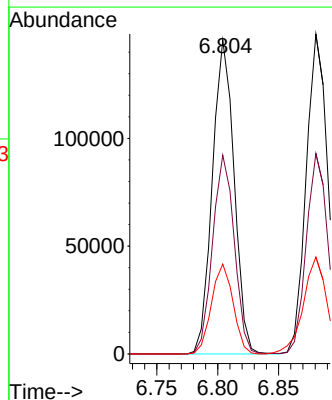
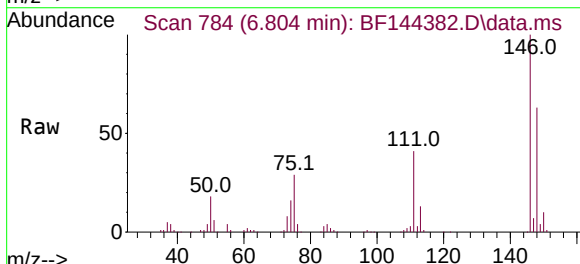
Manual Integrations
APPROVED

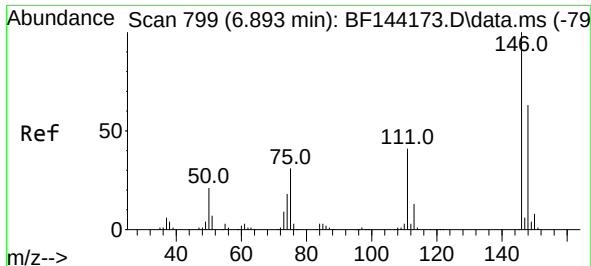
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#12
1,3-Dichlorobenzene
Concen: 39.829 ng
RT: 6.804 min Scan# 784
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:146 Resp: 180848
Ion Ratio Lower Upper
146 100
148 63.3 51.8 77.8
75 28.6 25.0 37.4





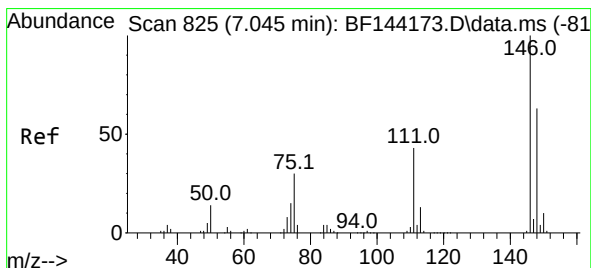
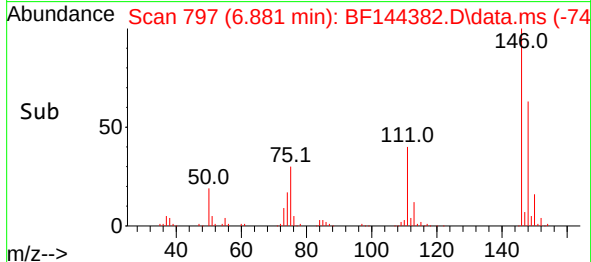
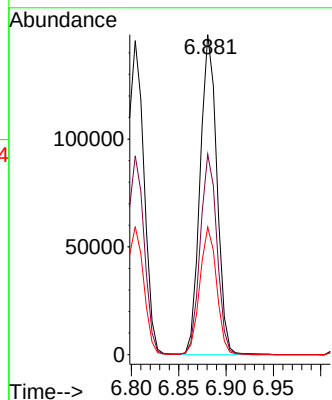
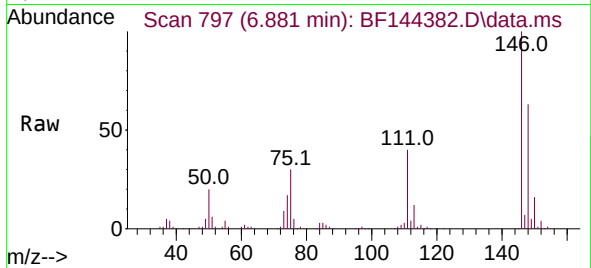
#13
1,4-Dichlorobenzene
Concen: 40.218 ng
RT: 6.881 min Scan# 799
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 182952
Ion Ratio Lower Upper
146 100
148 62.6 50.2 75.2
111 39.9 32.6 48.8

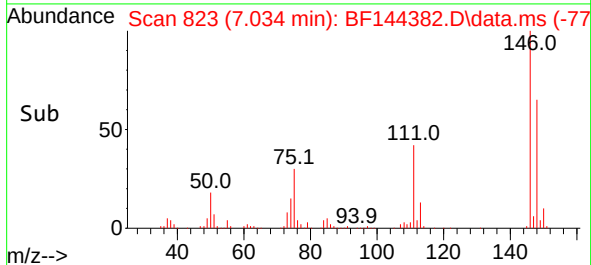
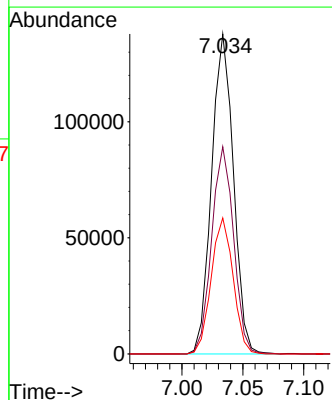
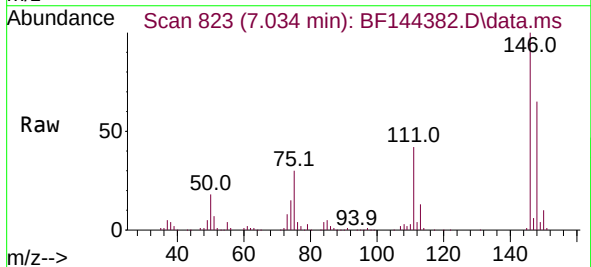
Manual Integrations
APPROVED

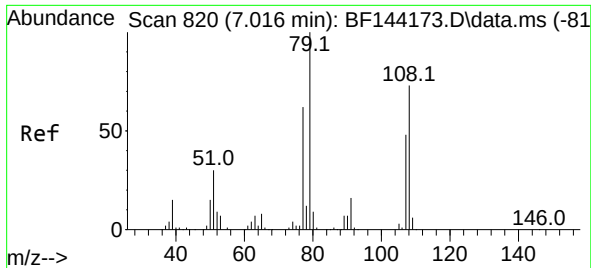
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#14
1,2-Dichlorobenzene
Concen: 39.420 ng
RT: 7.034 min Scan# 823
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:146 Resp: 171877
Ion Ratio Lower Upper
146 100
148 64.7 50.7 76.1
111 42.5 34.2 51.4





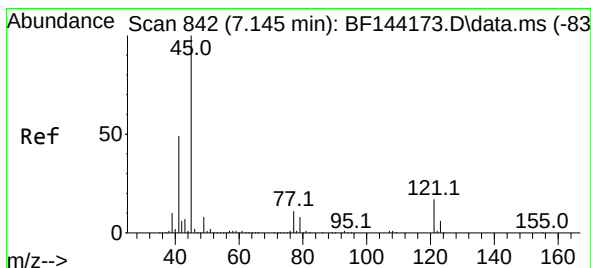
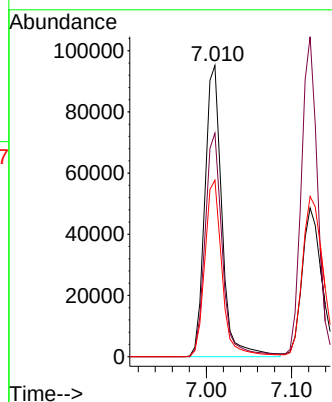
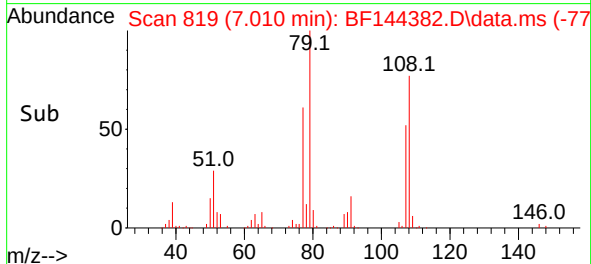
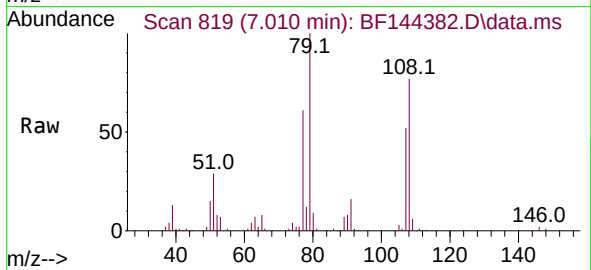
#15
Benzyl Alcohol
Concen: 39.424 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 132720
Ion Ratio Lower Upper
79 100
108 76.7 58.2 87.4
77 60.6 49.9 74.9

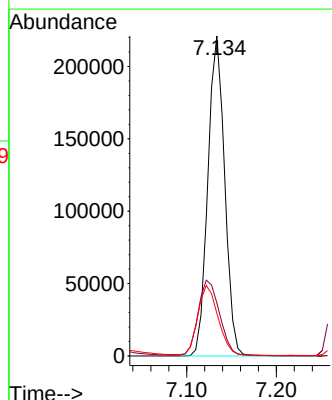
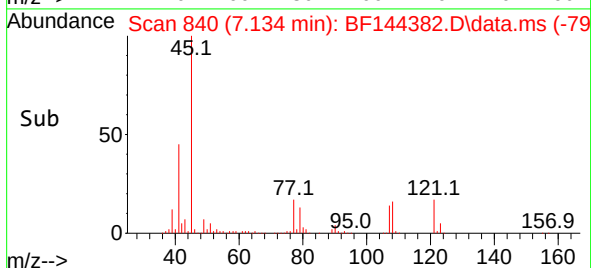
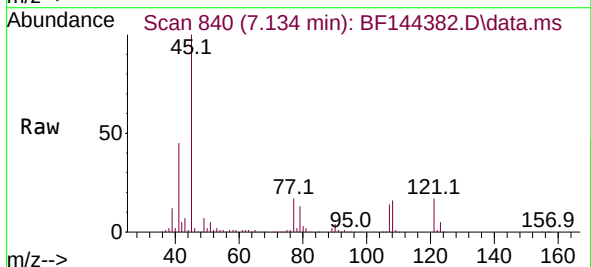
Manual Integrations
APPROVED

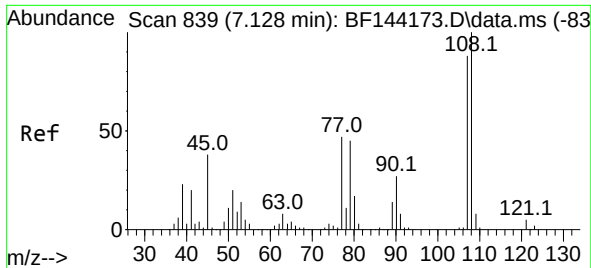
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.227 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion: 45 Resp: 287361
Ion Ratio Lower Upper
45 100
77 16.6 0.0 31.8
79 13.3 0.0 29.1





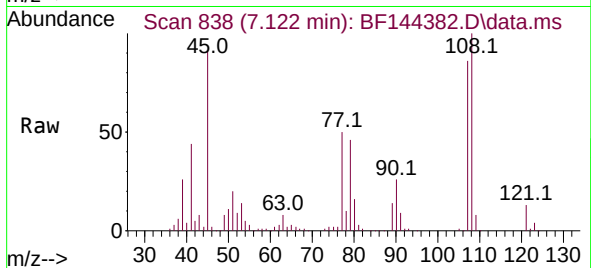
#17
2-Methylphenol
Concen: 40.517 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

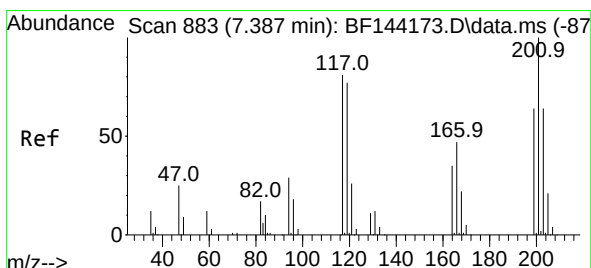
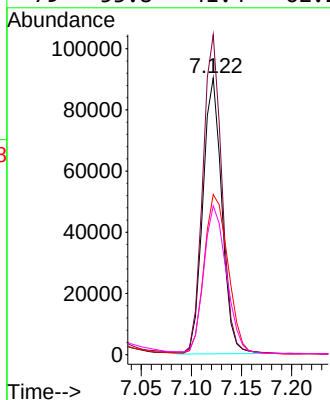
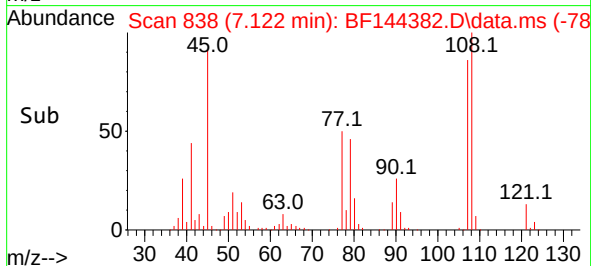


Tgt Ion:107 Resp: 11860
Ion Ratio Lower Upper
107 100
108 115.6 91.0 136.4
77 57.8 42.7 64.1
79 53.8 41.4 62.2

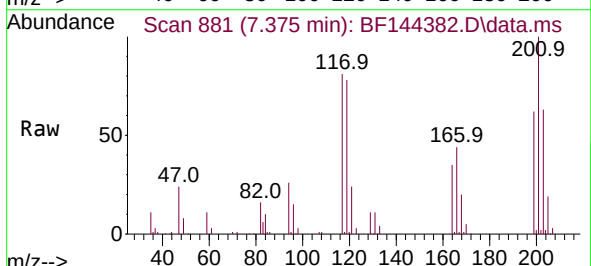
Manual Integrations

APPROVED

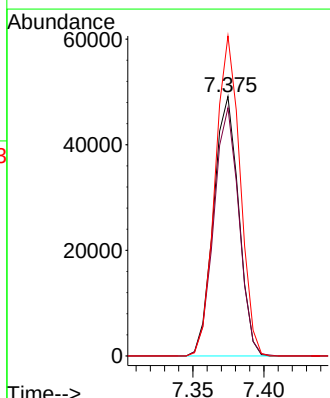
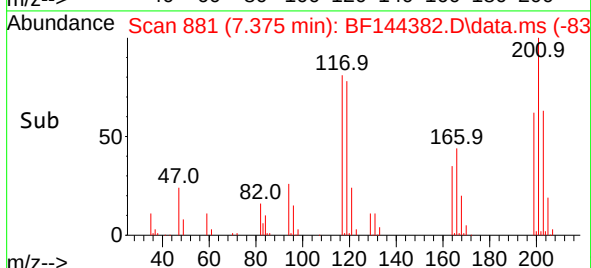
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

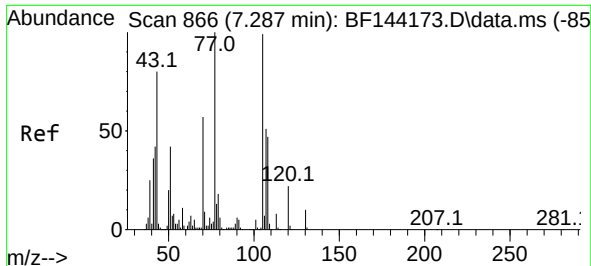


#18
Hexachloroethane
Concen: 39.971 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41



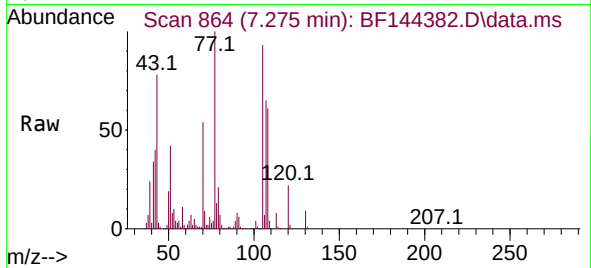
Tgt Ion:117 Resp: 60409
Ion Ratio Lower Upper
117 100
119 95.7 75.8 113.8
201 123.4 98.9 148.3





#19
n-Nitroso-di-n-propylamine
Concen: 37.484 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

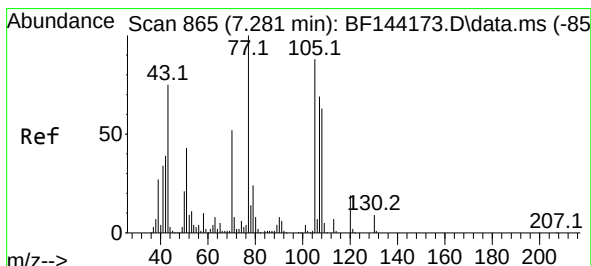
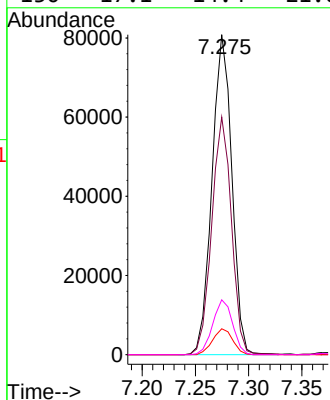
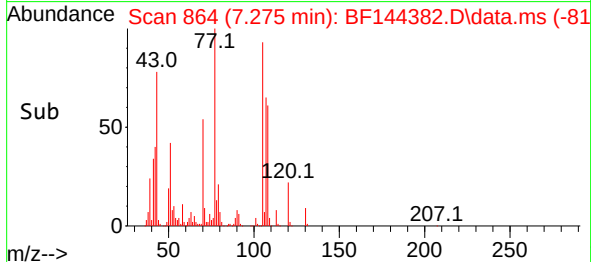
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



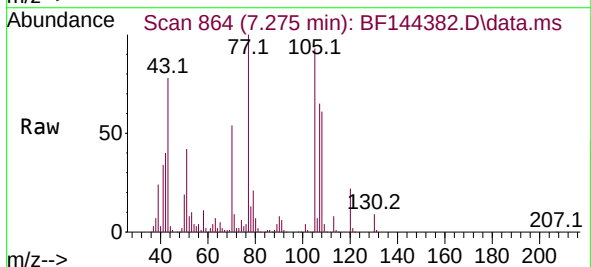
Tgt Ion: 70 Resp: 104910
Ion Ratio Lower Upper
70 100
42 74.2 58.3 87.5
101 8.1 7.0 10.6
130 17.1 14.4 21.6

Manual Integrations
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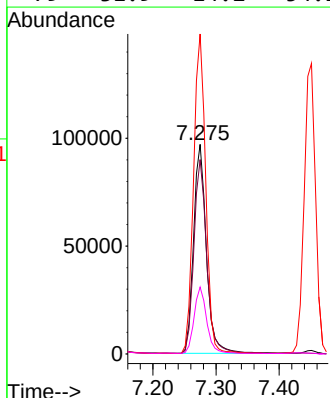
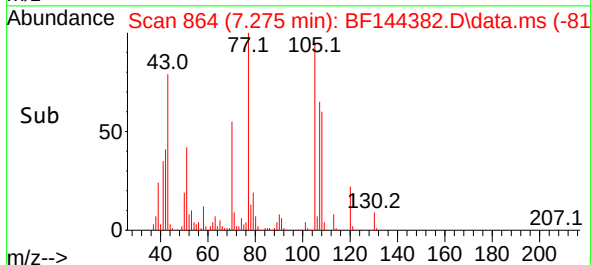
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

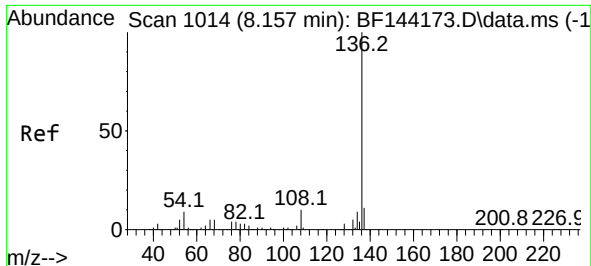


#20
3+4-Methylphenols
Concen: 39.719 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41



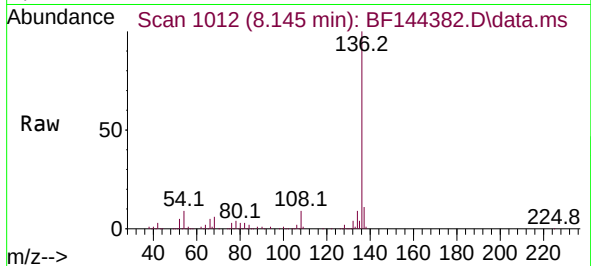
Tgt Ion:107 Resp: 137064
Ion Ratio Lower Upper
107 100
108 92.7 70.2 110.2
77 152.7 123.9 163.9
79 31.9 14.2 54.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

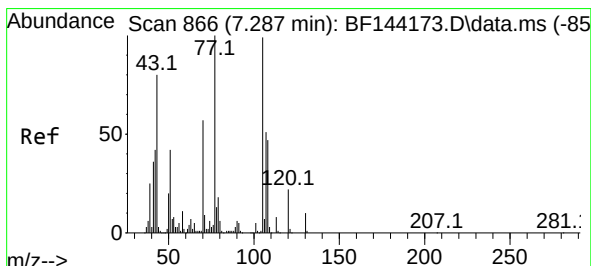
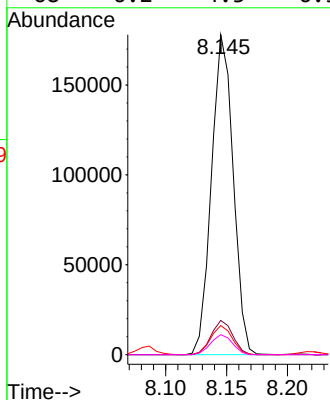
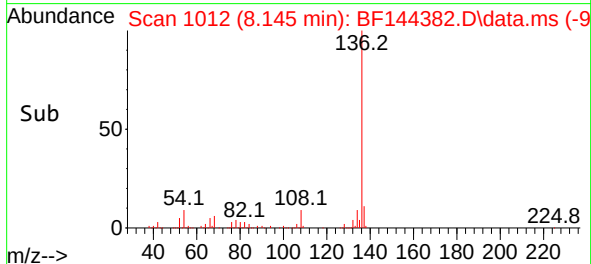
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:136 Resp: 221118
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.1 7.0 10.6
68 6.2 4.3 6.5

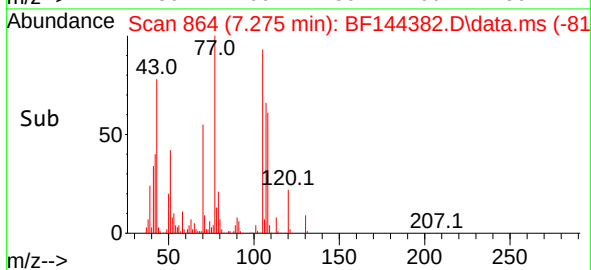
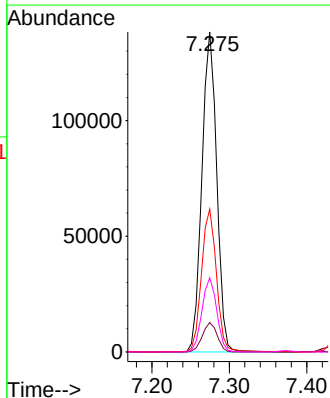
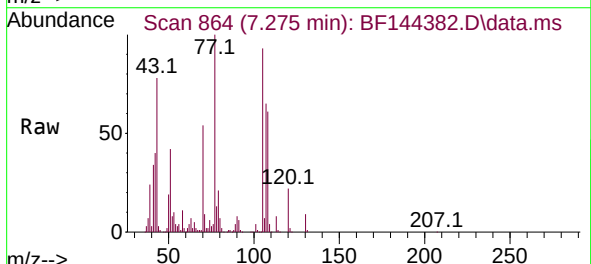
Manual Integrations
APPROVED

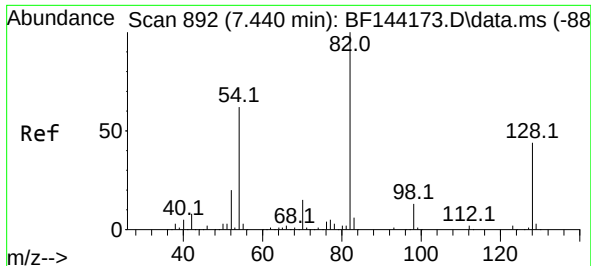
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#22
Acetophenone
Concen: 38.761 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:105 Resp: 183860
Ion Ratio Lower Upper
105 100
71 9.2 7.2 10.8
51 44.6 34.0 51.0
120 23.2 17.8 26.6





#23

Nitrobenzene-d5

Concen: 80.409 ng

RT: 7.428 min Scan# 890

Delta R.T. -0.006 min

Lab File: BF144382.D

Acq: 01 Dec 2025 12:41

Instrument :

BNA_F

ClientSampleId :

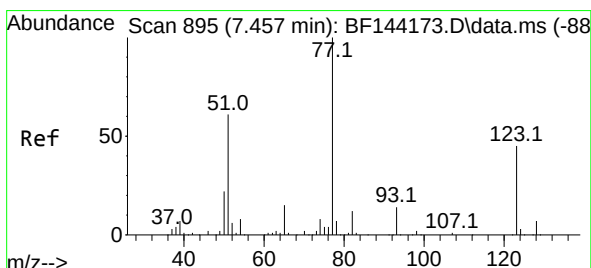
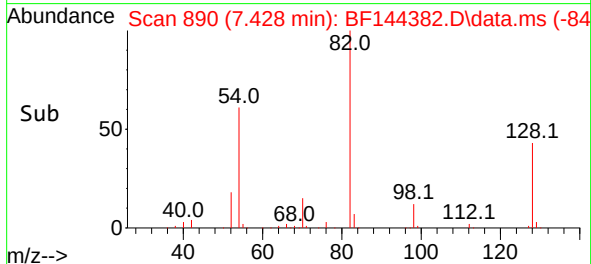
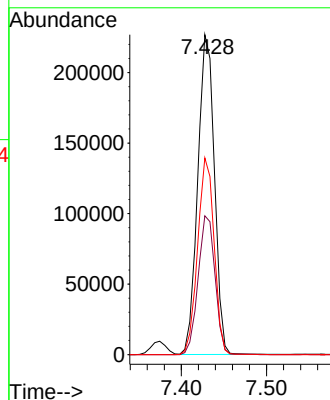
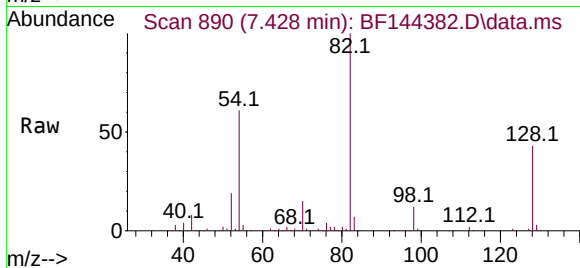
SSTDCCC040

Tgt Ion: 82 Resp: 307849
 Ion Ratio Lower Upper
 82 100
 128 43.4 34.7 52.1
 54 61.5 49.5 74.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025



#24

Nitrobenzene

Concen: 40.422 ng

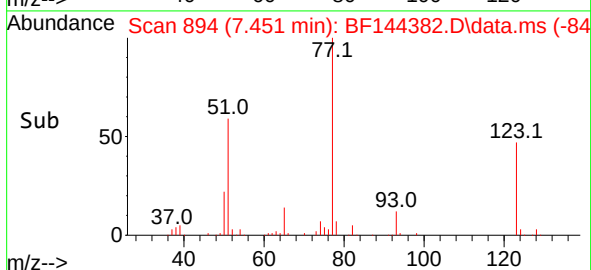
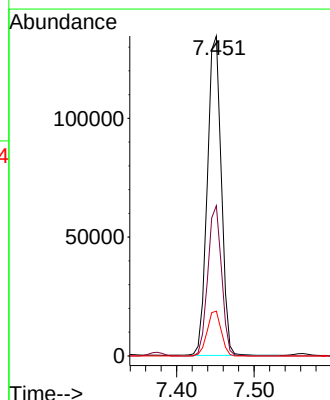
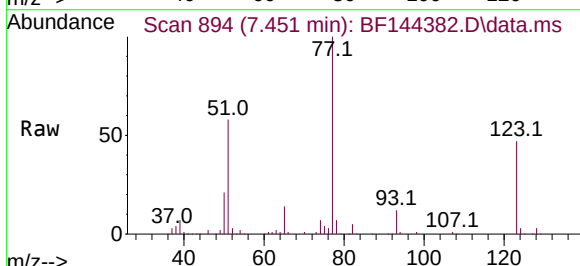
RT: 7.451 min Scan# 894

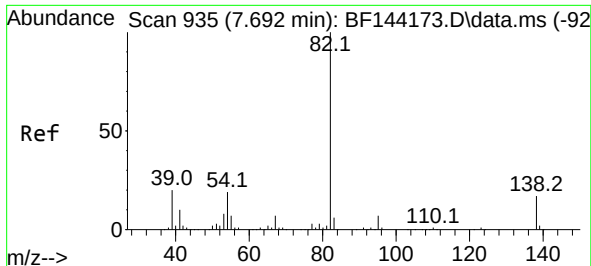
Delta R.T. -0.000 min

Lab File: BF144382.D

Acq: 01 Dec 2025 12:41

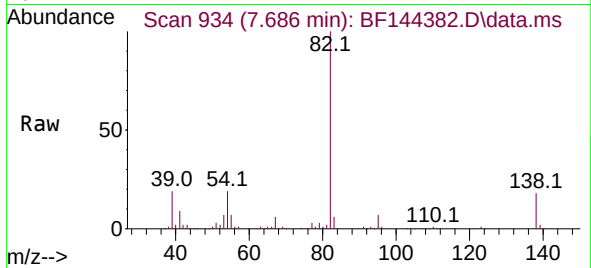
Tgt Ion: 77 Resp: 168032
 Ion Ratio Lower Upper
 77 100
 123 46.9 35.8 53.8
 65 14.0 12.2 18.2





#25
Isophorone
Concen: 39.808 ng
RT: 7.686 min Scan# 934
Delta R.T. -0.000 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

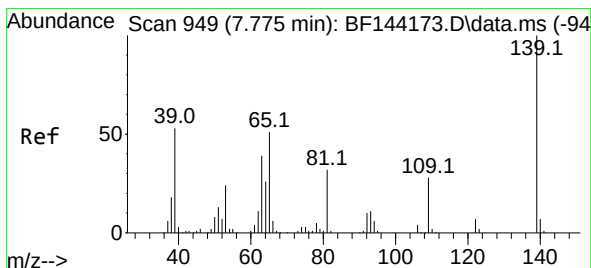
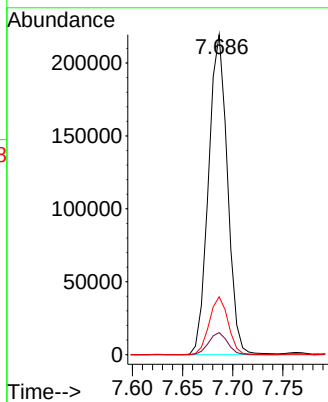
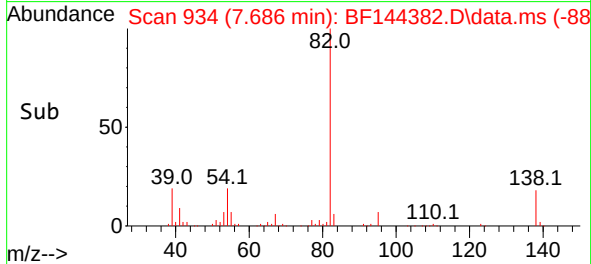
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



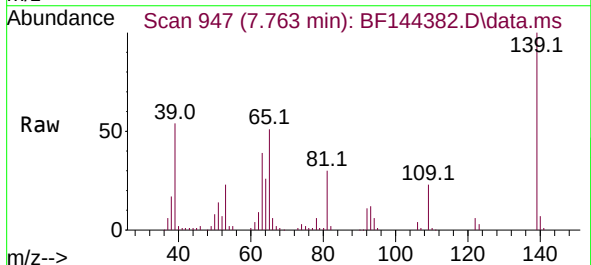
Tgt Ion: 82 Resp: 28828
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 18.1 13.7 20.5

Manual Integrations
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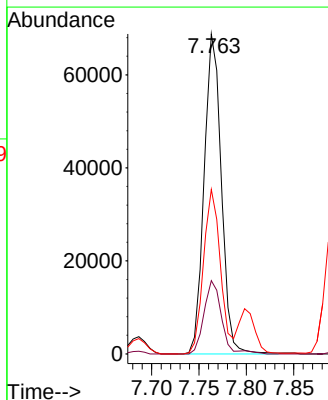
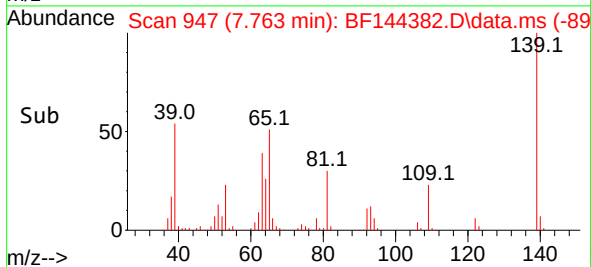
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

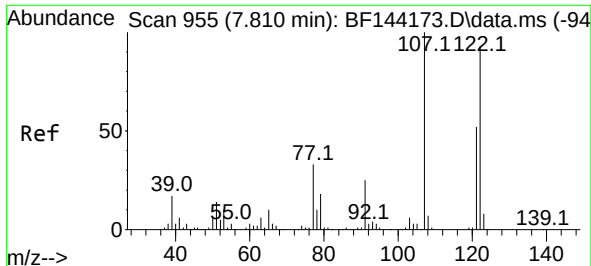


#26
2-Nitrophenol
Concen: 42.348 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41



Tgt Ion:139 Resp: 87141
Ion Ratio Lower Upper
139 100
109 22.9 22.2 33.2
65 51.4 40.7 61.1





#27
2,4-Dimethylphenol
Concen: 41.158 ng m
RT: 7.798 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Instrument :

BNA_F

ClientSampleId :

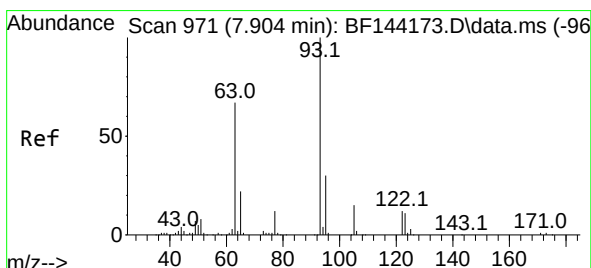
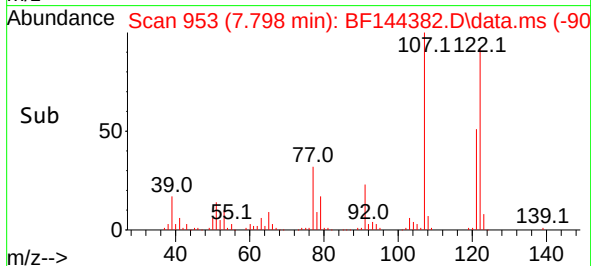
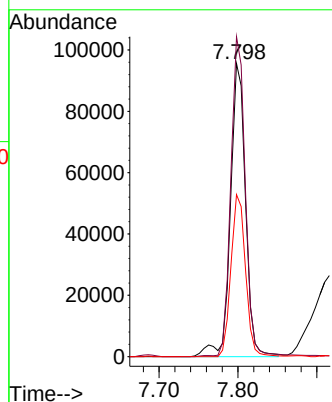
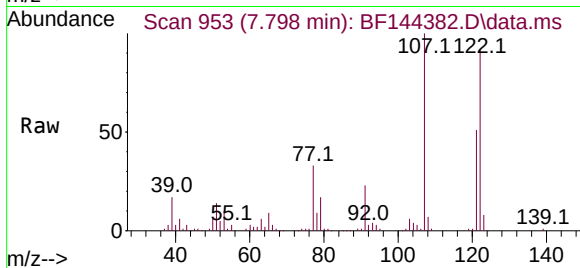
SSTDCCC040

Tgt Ion:122 Resp: 126939
Ion Ratio Lower Upper
122 100
107 109.2 86.2 129.4
121 55.3 44.6 66.8

Manual Integrations

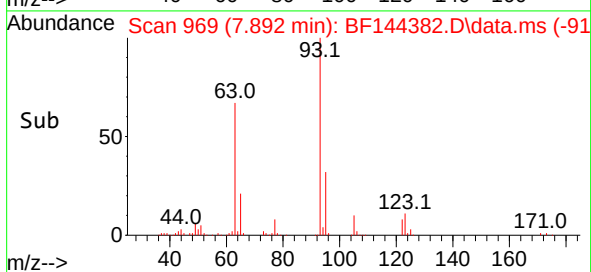
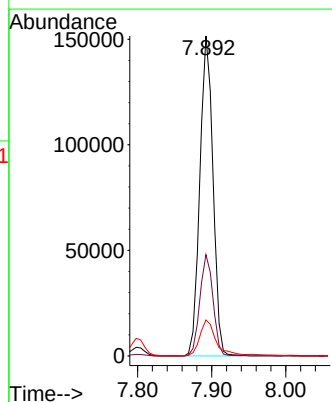
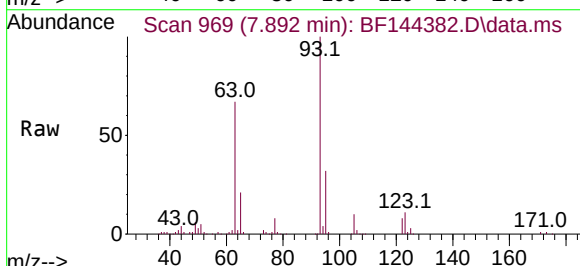
APPROVED

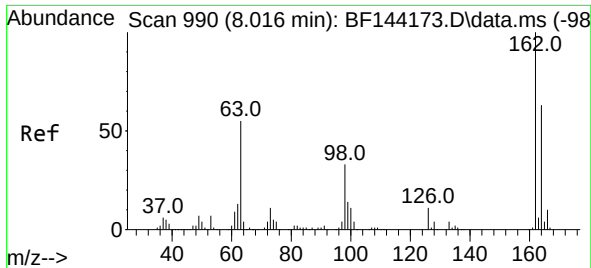
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#28
bis(2-Chloroethoxy)methane
Concen: 41.425 ng
RT: 7.892 min Scan# 969
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion: 93 Resp: 187333
Ion Ratio Lower Upper
93 100
95 31.6 24.2 36.4
123 11.2 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 40.230 ng

RT: 8.010 min Scan# 98

Delta R.T. -0.006 min

Lab File: BF144382.D

Acq: 01 Dec 2025 12:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 143010

Ion Ratio Lower Upper

162 100

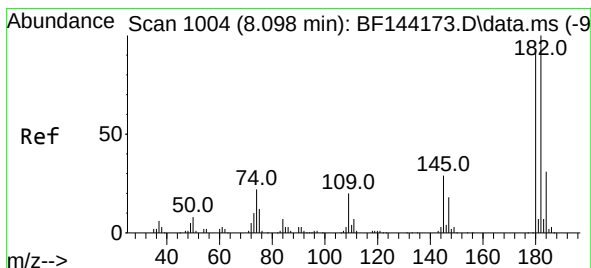
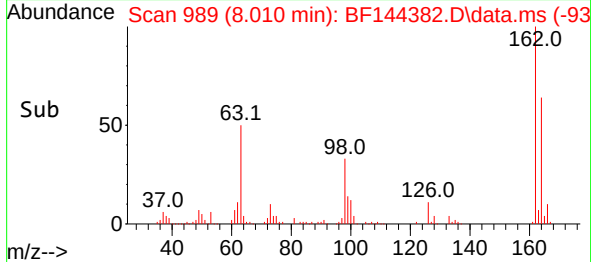
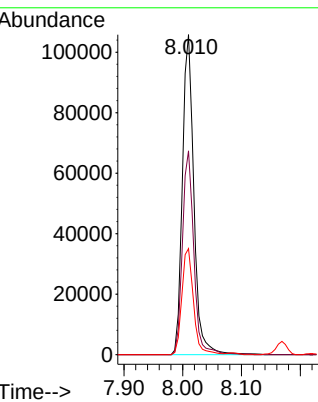
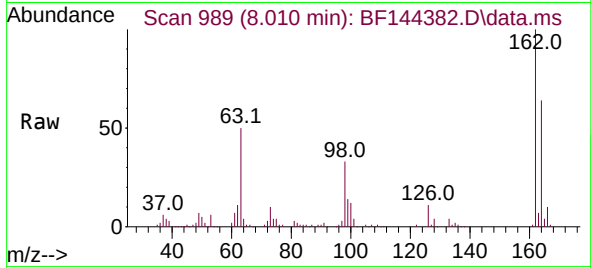
164 63.7 42.9 82.9

98 33.1 13.3 53.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#30

1,2,4-Trichlorobenzene

Concen: 38.408 ng

RT: 8.086 min Scan# 1002

Delta R.T. -0.012 min

Lab File: BF144382.D

Acq: 01 Dec 2025 12:41

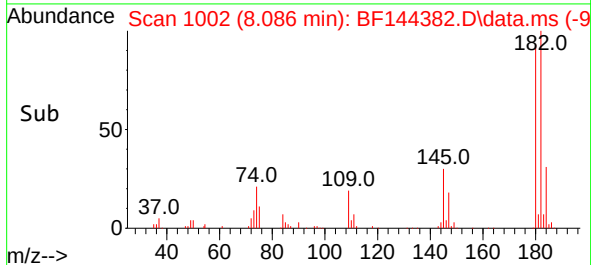
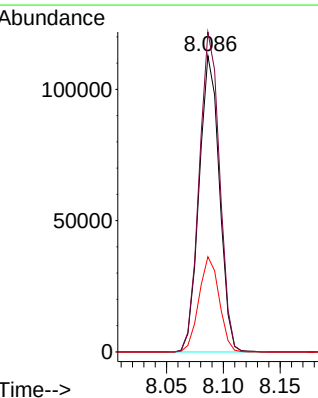
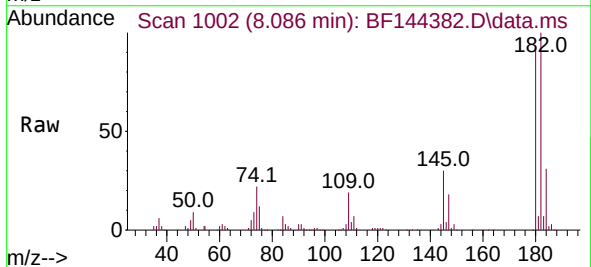
Tgt Ion:180 Resp: 140198

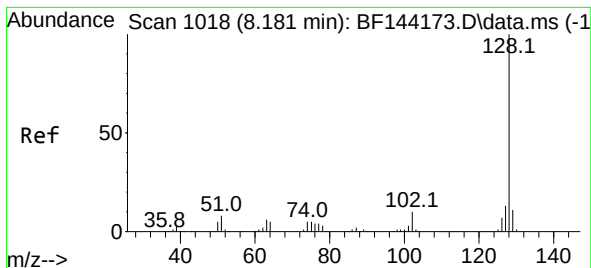
Ion Ratio Lower Upper

180 100

182 108.0 87.7 131.5

145 32.1 25.4 38.0





#31

Naphthalene

Concen: 40.446 ng

RT: 8.169 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF144382.D

Acq: 01 Dec 2025 12:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 425428

Ion Ratio Lower Upper

128 100

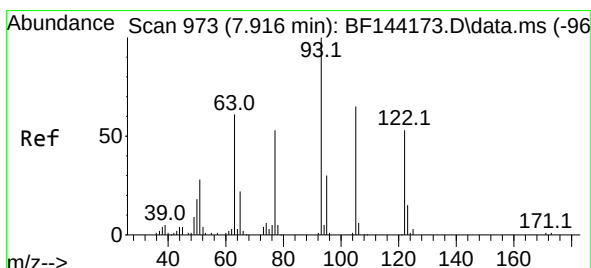
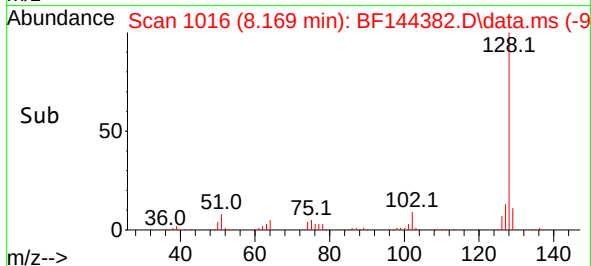
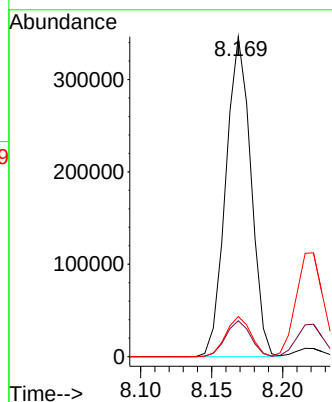
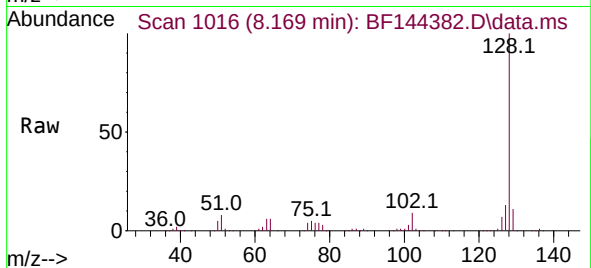
129 11.2 8.9 13.3

127 12.6 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#32

Benzoic acid

Concen: 38.313 ng m

RT: 7.916 min Scan# 973

Delta R.T. -0.035 min

Lab File: BF144382.D

Acq: 01 Dec 2025 12:41

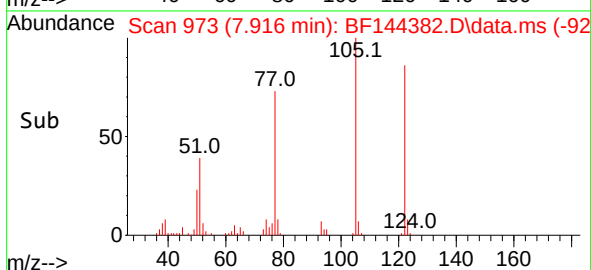
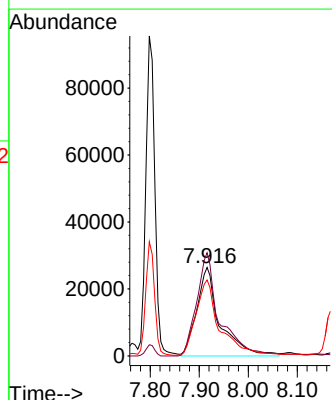
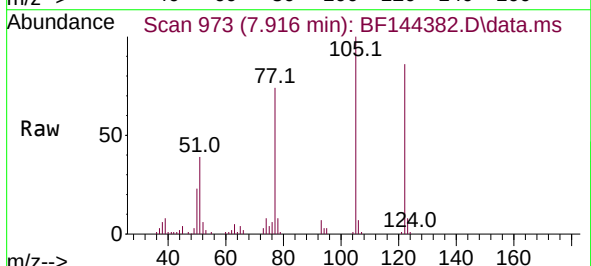
Tgt Ion:122 Resp: 86617

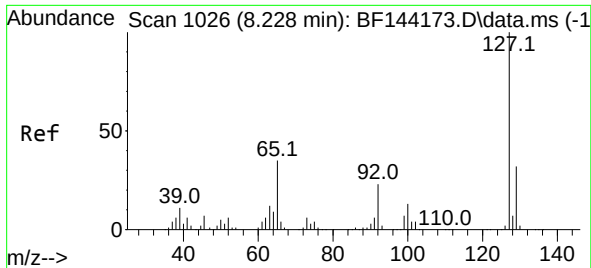
Ion Ratio Lower Upper

122 100

105 116.7 99.9 139.9

77 85.9 77.5 117.5





#33
4-Chloroaniline
Concen: 40.638 ng
RT: 8.222 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Instrument :

BNA_F

ClientSampleId :

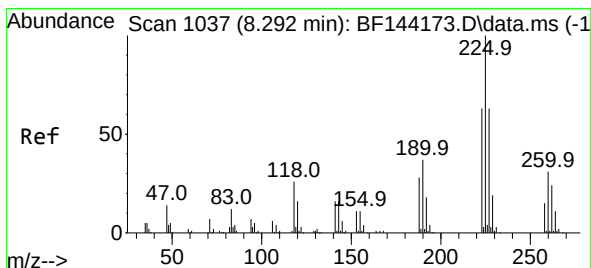
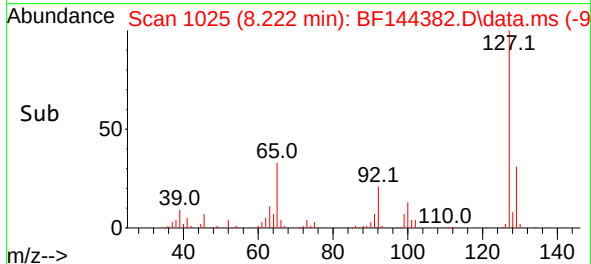
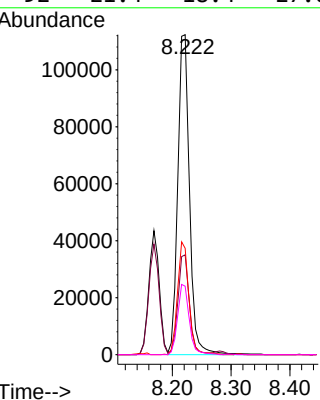
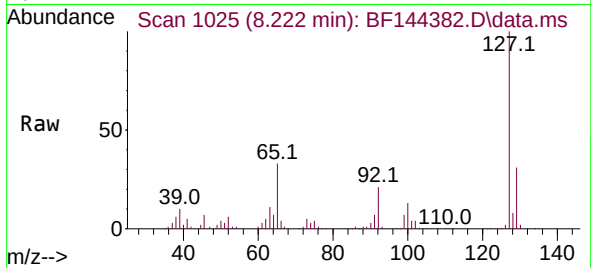
SSTDCCC040

Tgt Ion:127 Resp: 155895
Ion Ratio Lower Upper
127 100
129 31.2 25.3 37.9
65 33.3 27.6 41.4
92 21.4 18.4 27.6

Manual Integrations

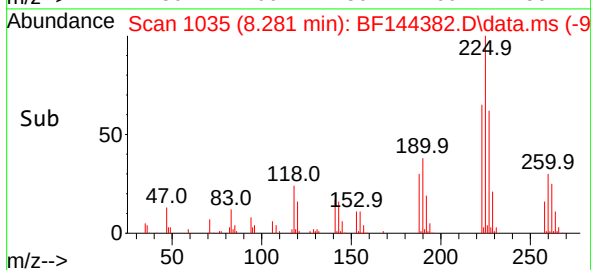
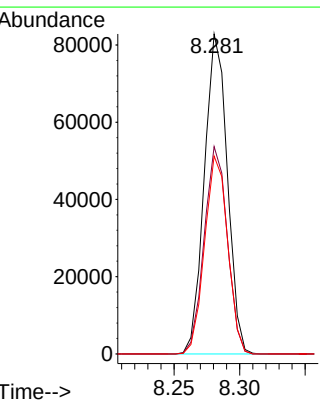
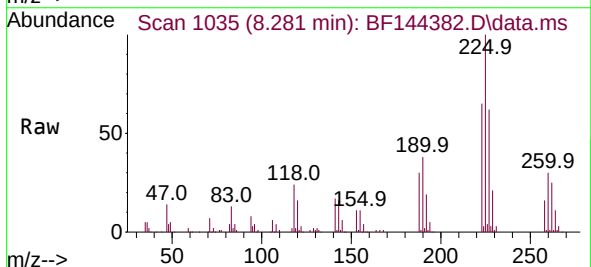
APPROVED

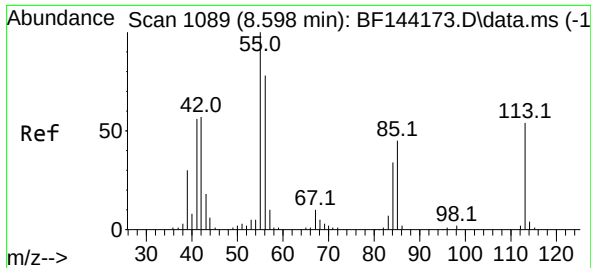
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#34
Hexachlorobutadiene
Concen: 36.733 ng
RT: 8.281 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:225 Resp: 101051
Ion Ratio Lower Upper
225 100
223 64.8 50.2 75.4
227 61.8 50.1 75.1





#35
 Caprolactam
 Concen: 40.395 ng
 RT: 8.592 min Scan# 1088
 Delta R.T. -0.029 min
 Lab File: BF144382.D
 Acq: 01 Dec 2025 12:41

Instrument :

BNA_F

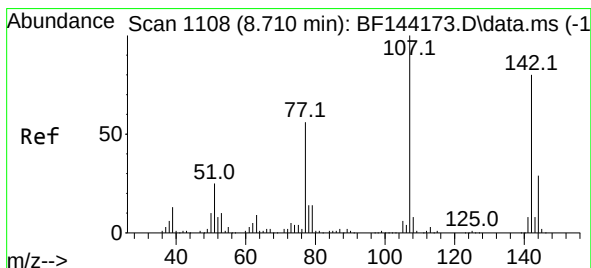
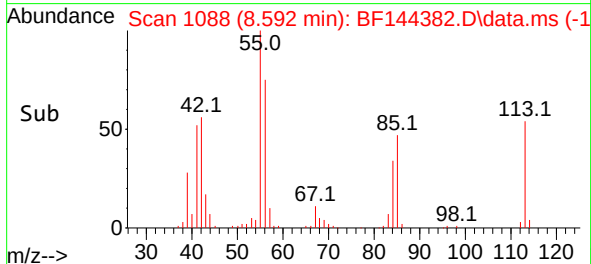
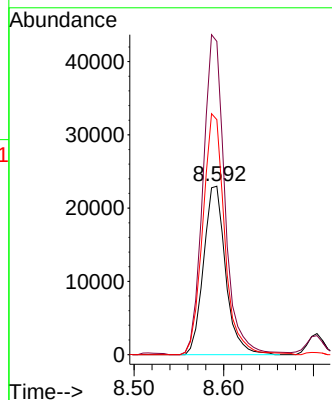
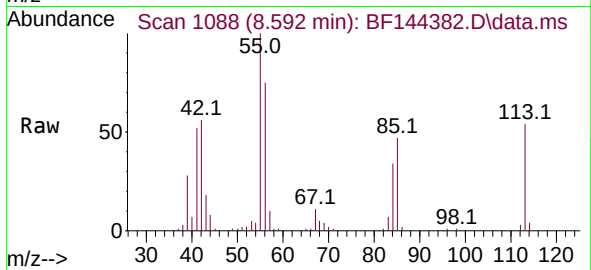
ClientSampleId :

SSTDCCC040

Tgt Ion:113 Resp: 3934
 Ion Ratio Lower Upper
 113 100
 55 185.9 166.8 206.8
 56 139.5 125.9 165.9

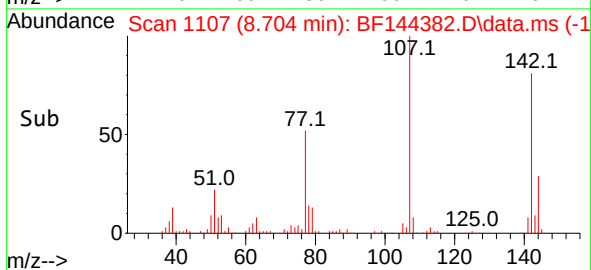
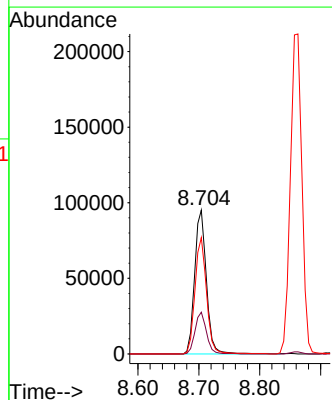
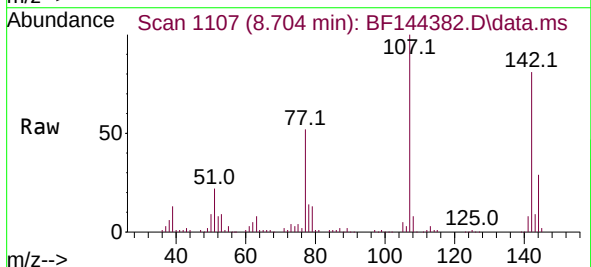
Manual Integrations
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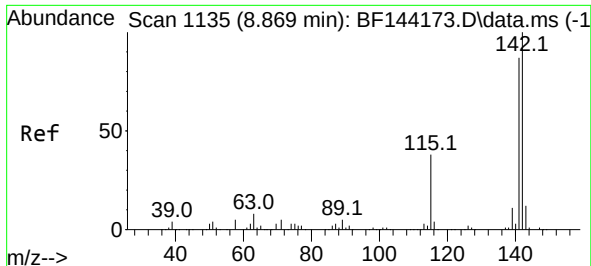
Reviewed By :Jagrut Upadhyay 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025



#36
 4-Chloro-3-methylphenol
 Concen: 39.937 ng
 RT: 8.704 min Scan# 1107
 Delta R.T. -0.000 min
 Lab File: BF144382.D
 Acq: 01 Dec 2025 12:41

Tgt Ion:107 Resp: 127233
 Ion Ratio Lower Upper
 107 100
 144 29.0 23.3 34.9
 142 80.9 63.8 95.6





#37

2-Methylnaphthalene

Concen: 39.348 ng

RT: 8.863 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BF144382.D

Acq: 01 Dec 2025 12:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 276714

Ion Ratio Lower Upper

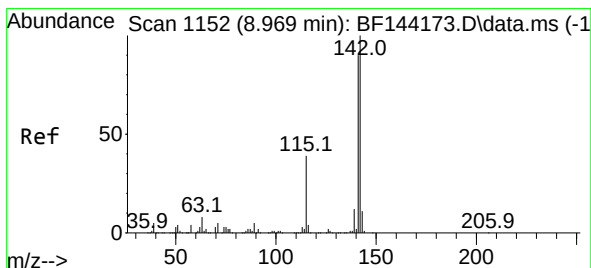
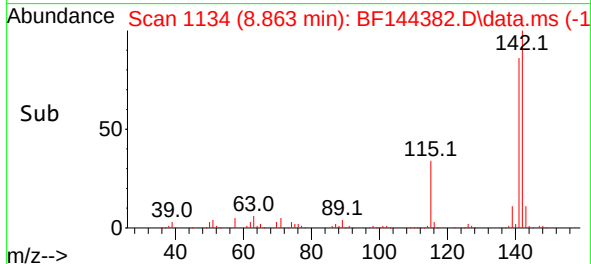
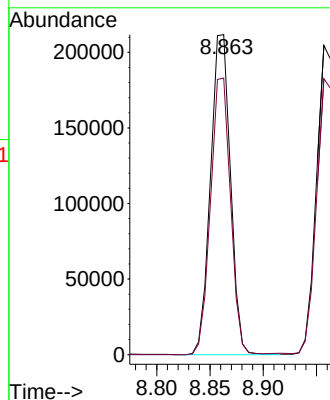
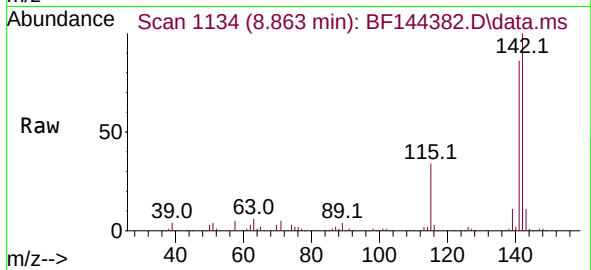
142 100

141 86.4 69.9 104.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#38

1-Methylnaphthalene

Concen: 38.593 ng

RT: 8.957 min Scan# 1150

Delta R.T. -0.012 min

Lab File: BF144382.D

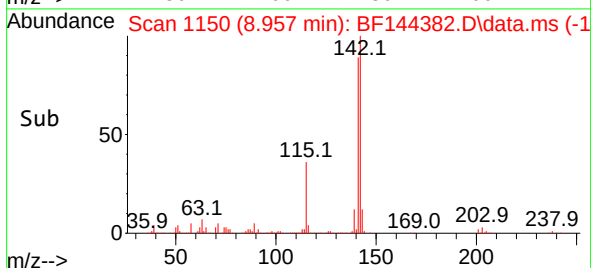
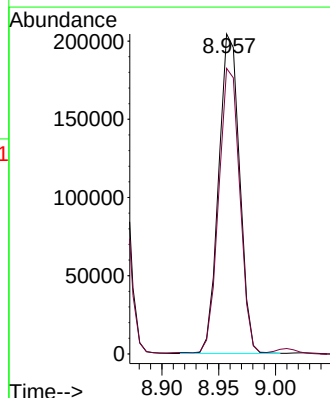
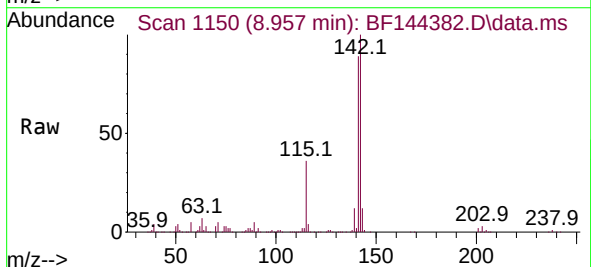
Acq: 01 Dec 2025 12:41

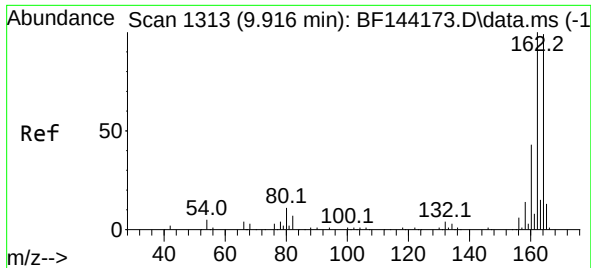
Tgt Ion:142 Resp: 261880

Ion Ratio Lower Upper

142 100

141 89.2 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1313

Delta R.T. -0.012 min

Lab File: BF144382.D

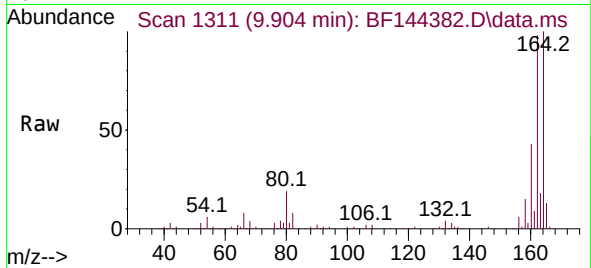
Acq: 01 Dec 2025 12:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 119295

Ion Ratio Lower Upper

164 100

162 98.4 81.1 121.7

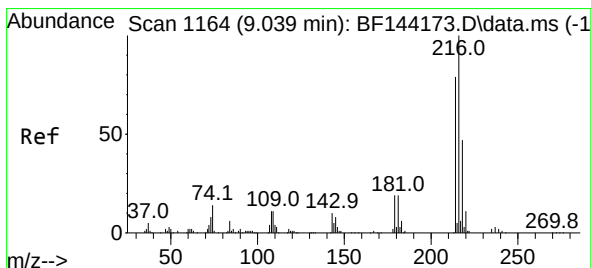
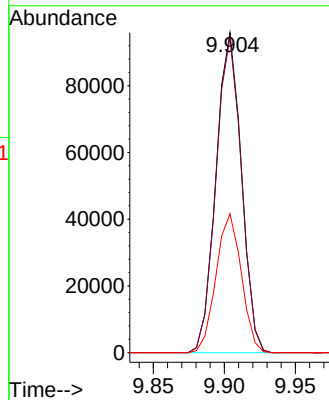
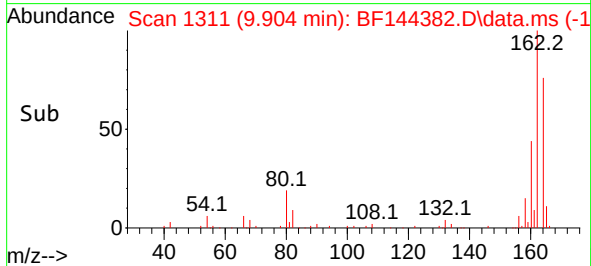
160 43.4 34.5 51.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025

Supervised By :mohammad ahmed 12/03/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.194 ng

RT: 9.028 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF144382.D

Acq: 01 Dec 2025 12:41

Tgt Ion:216 Resp: 149328

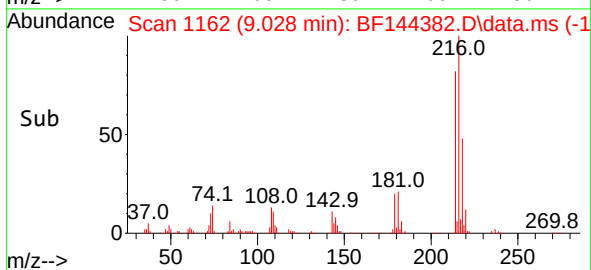
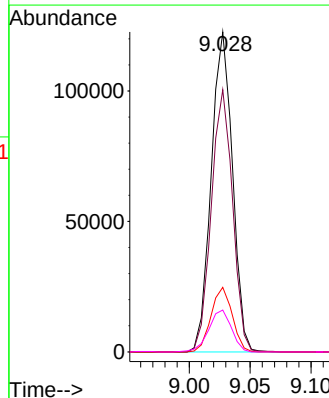
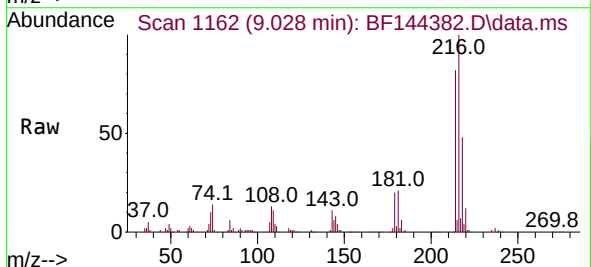
Ion Ratio Lower Upper

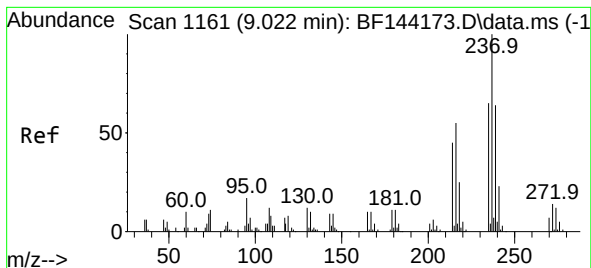
216 100

214 81.8 63.4 95.2

179 20.1 15.0 22.4

108 14.0 10.5 15.7





#41

Hexachlorocyclopentadiene

Concen: 33.548 ng

RT: 9.010 min Scan# 1161

Delta R.T. -0.018 min

Lab File: BF144382.D

Acq: 01 Dec 2025 12:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:237 Resp: 3780

Ion Ratio Lower Upper

237 100

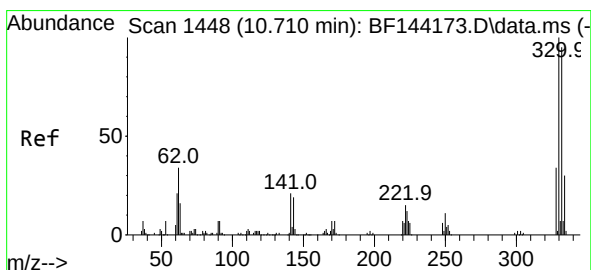
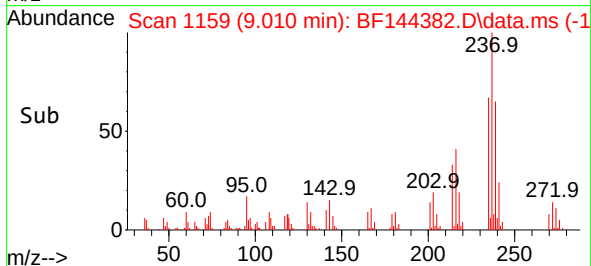
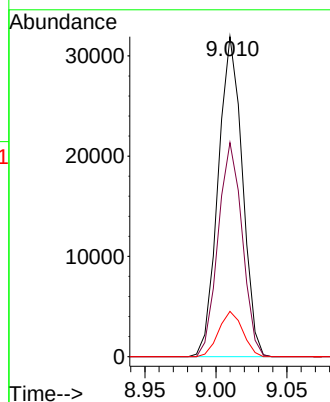
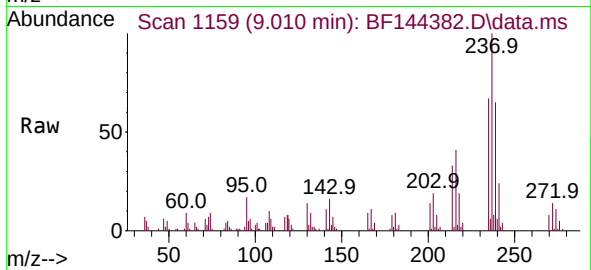
235 66.9 45.5 85.5

272 14.1 0.0 33.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#42

2,4,6-Tribromophenol

Concen: 71.675 ng

RT: 10.698 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF144382.D

Acq: 01 Dec 2025 12:41

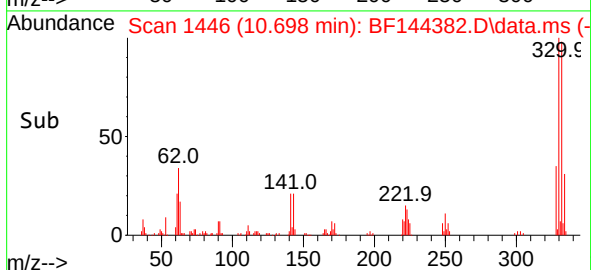
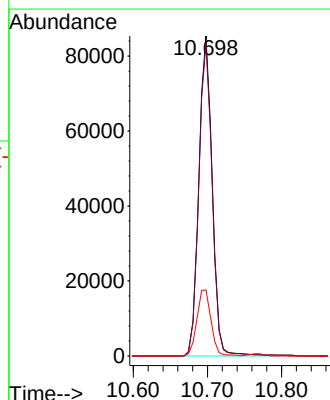
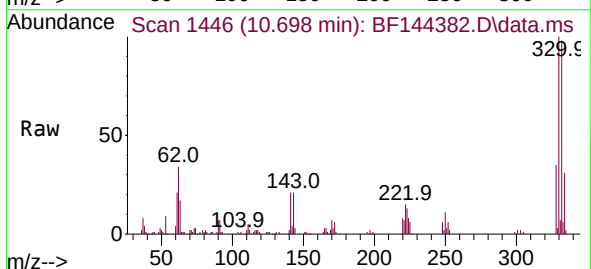
Tgt Ion:330 Resp: 107298

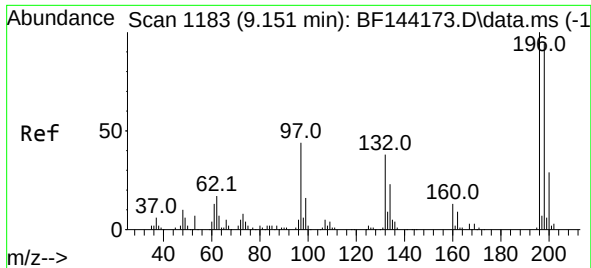
Ion Ratio Lower Upper

330 100

332 97.2 76.7 115.1

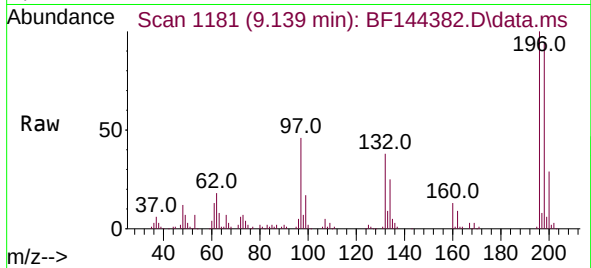
141 21.7 17.8 26.8





#43
2,4,6-Trichlorophenol
Concen: 39.010 ng
RT: 9.139 min Scan# 1181
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

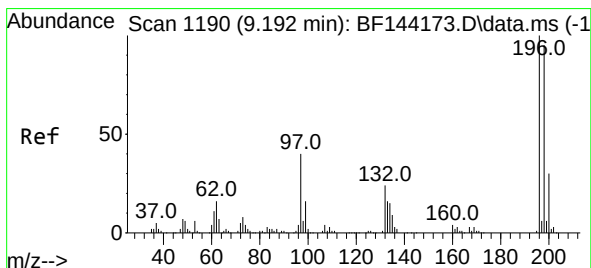
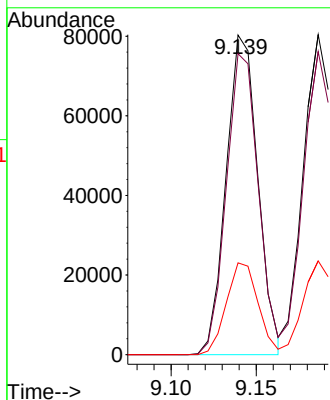
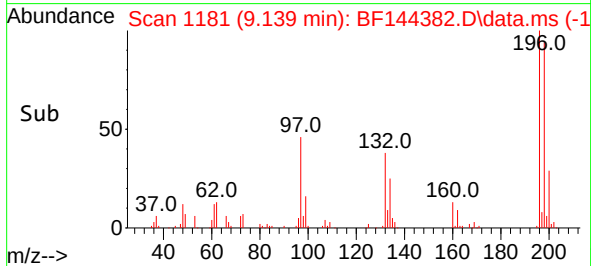
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



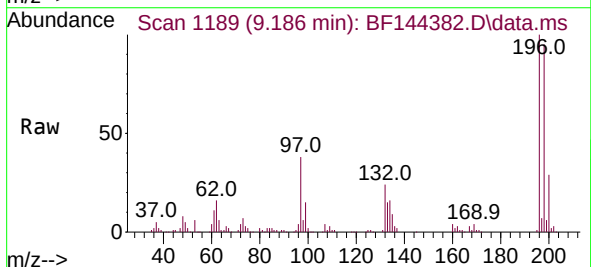
Tgt Ion:196 Resp: 103805
Ion Ratio Lower Upper
196 100
198 94.1 75.3 112.9
200 28.7 23.4 35.2

Manual Integrations
APPROVED

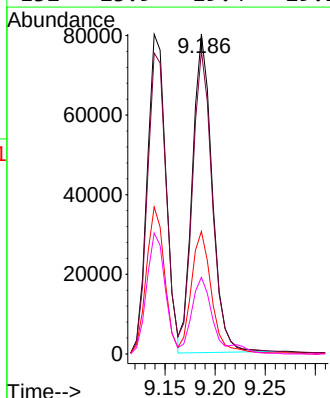
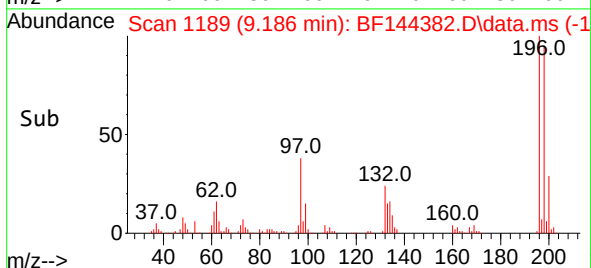
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

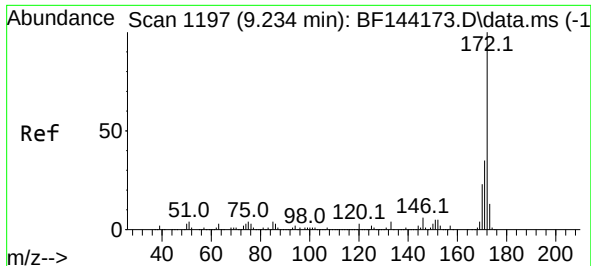


#44
2,4,5-Trichlorophenol
Concen: 38.113 ng
RT: 9.186 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41



Tgt Ion:196 Resp: 109307
Ion Ratio Lower Upper
196 100
198 94.7 76.1 114.1
97 38.3 31.9 47.9
132 23.9 19.4 29.2





#45
2-Fluorobiphenyl
Concen: 77.086 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Instrument :

BNA_F

ClientSampleId :

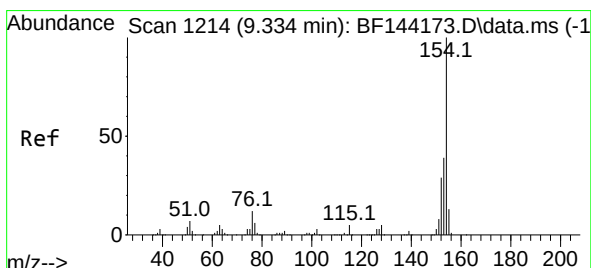
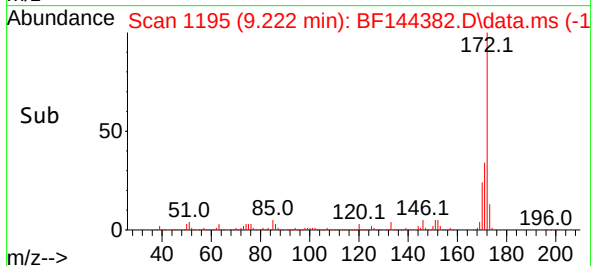
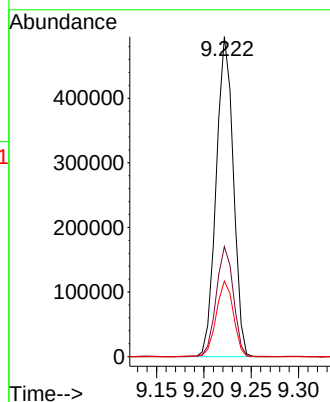
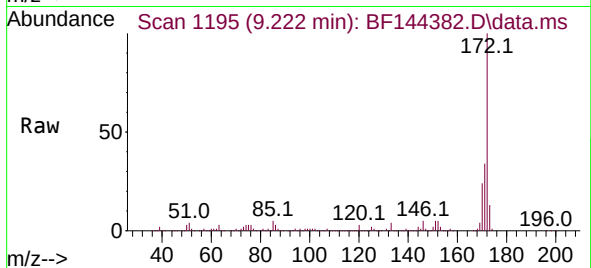
SSTDCCC040

Tgt Ion:172 Resp: 622643
Ion Ratio Lower Upper
172 100
171 34.4 28.1 42.1
170 23.6 18.6 28.0

Manual Integrations

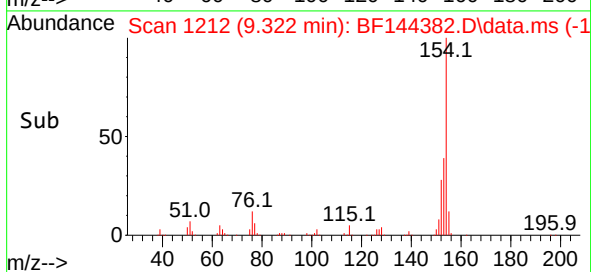
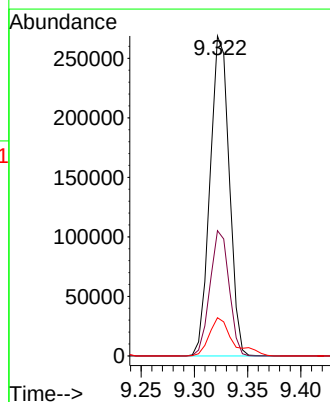
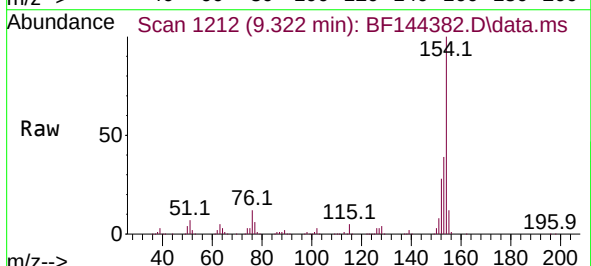
APPROVED

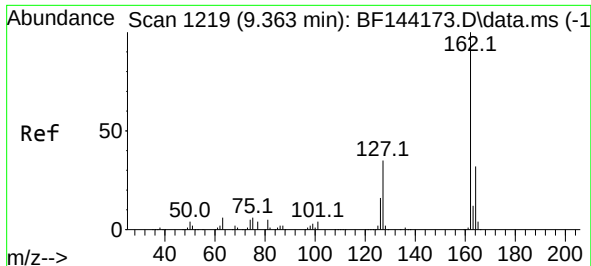
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#46
1,1'-Biphenyl
Concen: 40.510 ng
RT: 9.322 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:154 Resp: 337329
Ion Ratio Lower Upper
154 100
153 39.1 19.2 59.2
76 11.9 0.0 31.8





#47

2-Chloronaphthalene

Concen: 40.052 ng

RT: 9.351 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144382.D

Acq: 01 Dec 2025 12:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

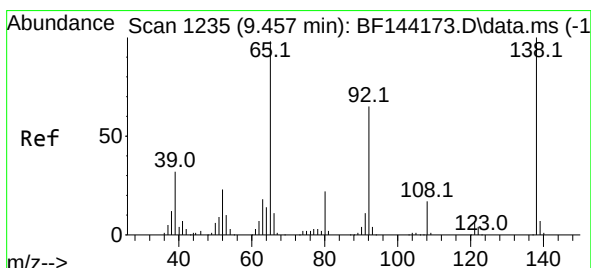
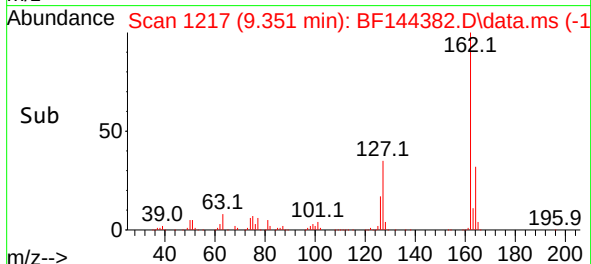
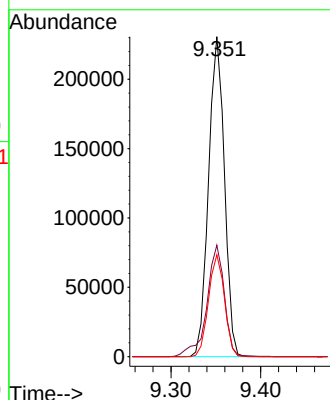
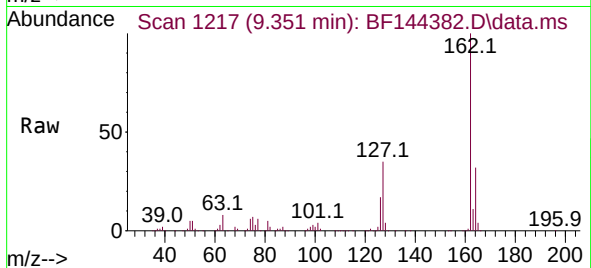
Tgt Ion:162 Resp: 28449

Ion	Ratio	Lower	Upper
162	100		
127	34.8	28.8	43.2
164	31.8	25.8	38.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#48

2-Nitroaniline

Concen: 41.348 ng

RT: 9.451 min Scan# 1234

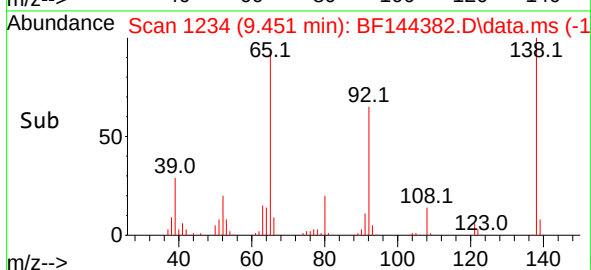
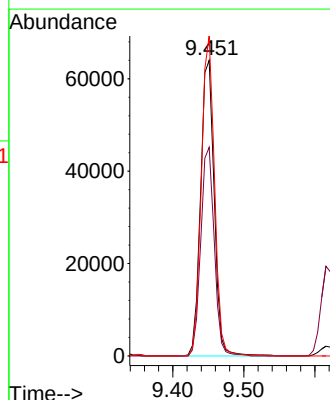
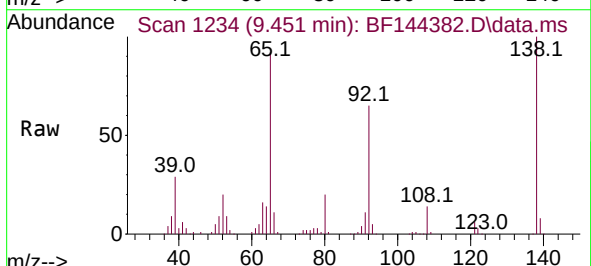
Delta R.T. -0.006 min

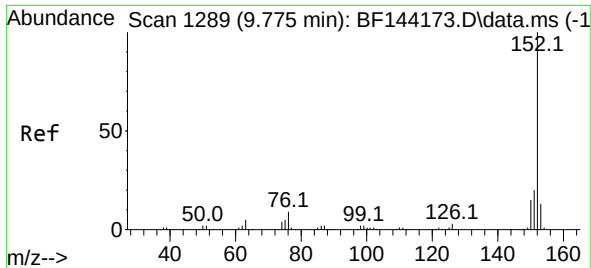
Lab File: BF144382.D

Acq: 01 Dec 2025 12:41

Tgt Ion: 65 Resp: 84742

Ion	Ratio	Lower	Upper
65	100		
92	70.6	53.0	79.6
138	108.2	81.6	122.4





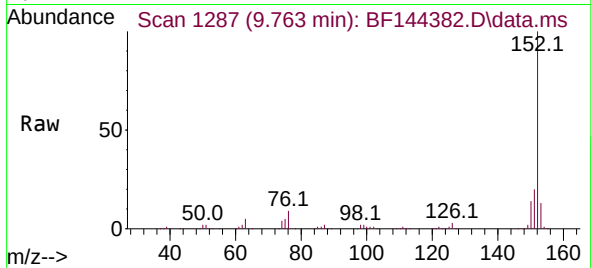
#49
Acenaphthylene
Concen: 39.682 ng
RT: 9.763 min Scan# 1287
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

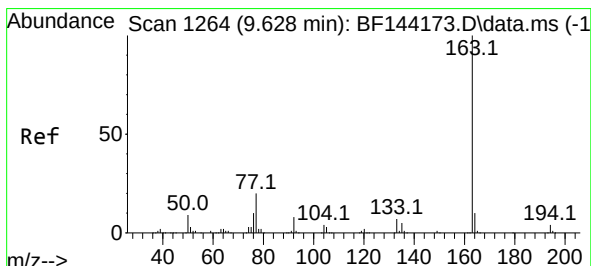
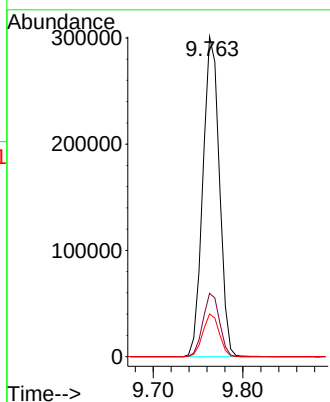
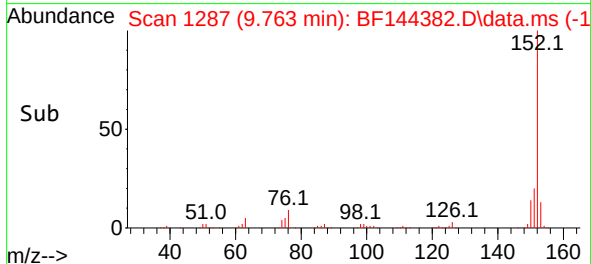


Tgt Ion:152 Resp: 384106
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.3 10.5 15.7

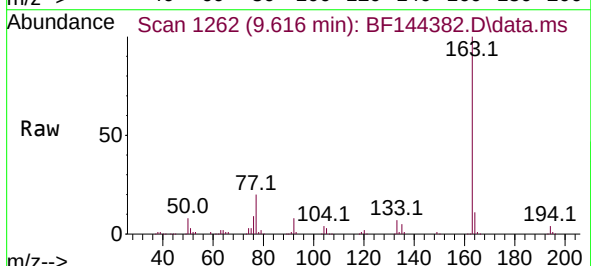
Manual Integrations

APPROVED

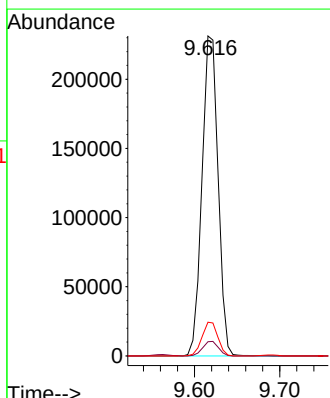
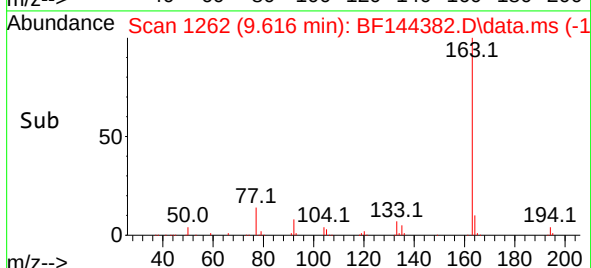
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

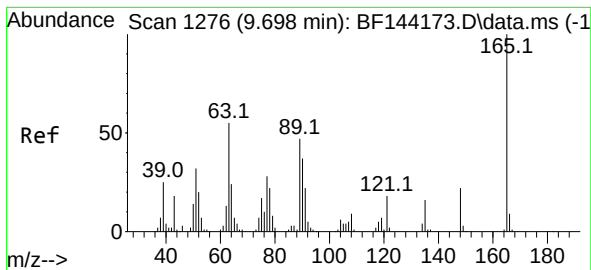


#50
Dimethylphthalate
Concen: 38.352 ng
RT: 9.616 min Scan# 1262
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41



Tgt Ion:163 Resp: 303102
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 10.5 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 40.149 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Instrument :

BNA_F

ClientSampleId :

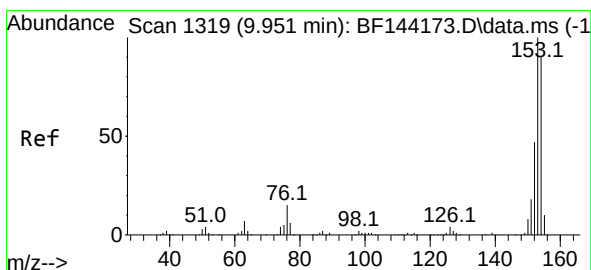
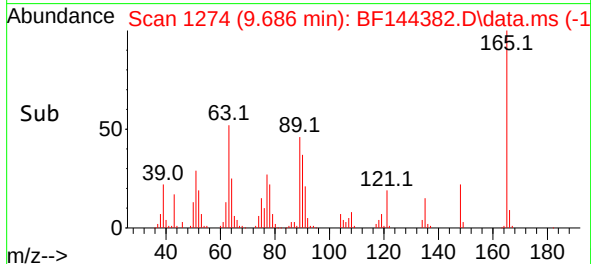
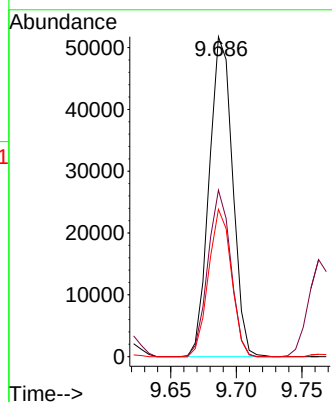
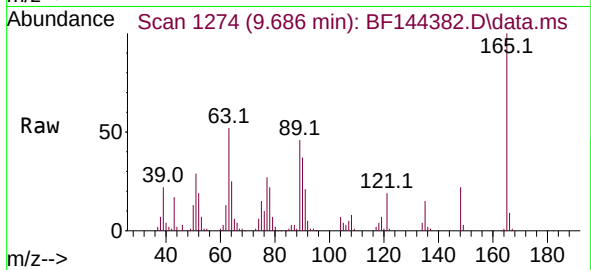
SSTDCCC040

Tgt Ion:165 Resp: 64232
Ion Ratio Lower Upper
165 100
63 52.0 43.8 65.8
89 46.0 37.5 56.3

Manual Integrations

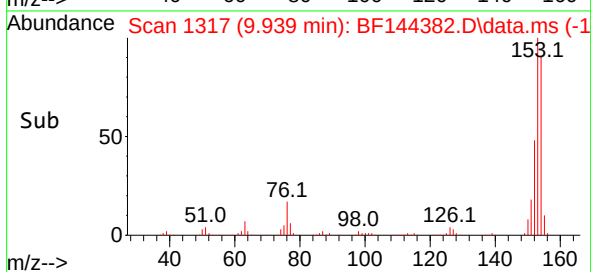
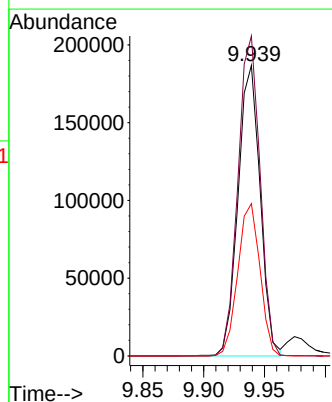
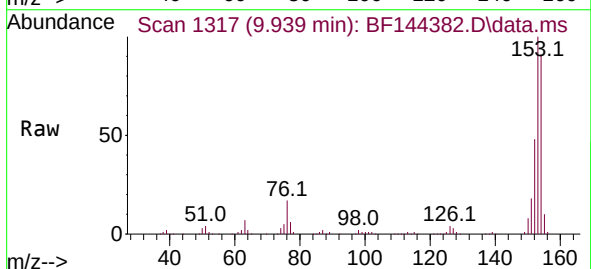
APPROVED

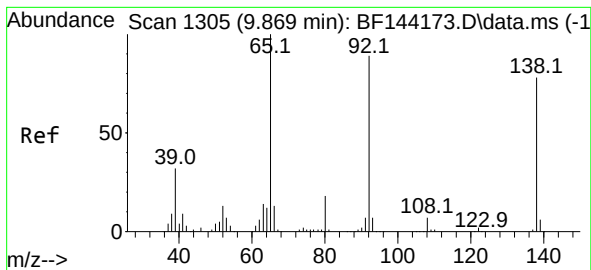
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#52
Acenaphthene
Concen: 36.418 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

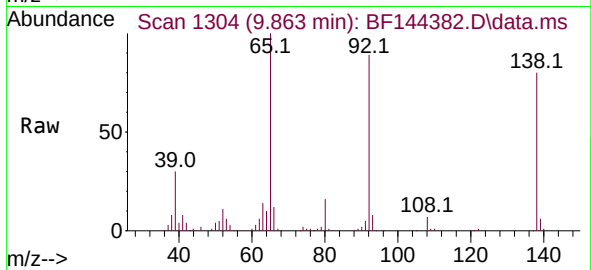
Tgt Ion:154 Resp: 235733
Ion Ratio Lower Upper
154 100
153 110.2 89.0 133.4
152 52.4 42.2 63.4





#53
3-Nitroaniline
Concen: 41.041 ng
RT: 9.863 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

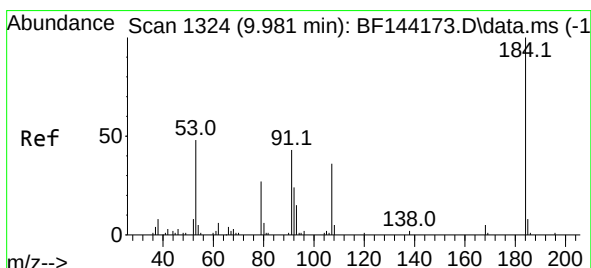
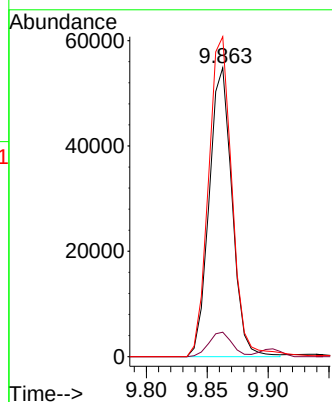
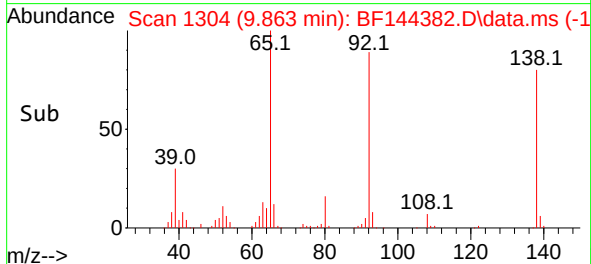
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



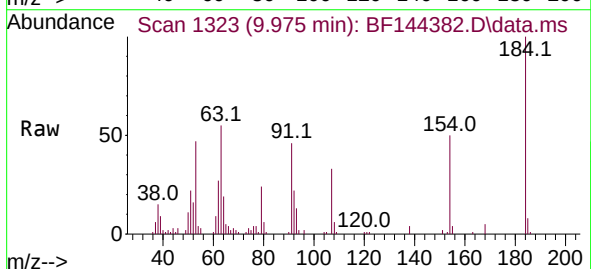
Tgt Ion:138 Resp: 71774
Ion Ratio Lower Upper
138 100
108 8.5 7.5 11.3
92 110.8 91.8 137.6

Manual Integrations
APPROVED

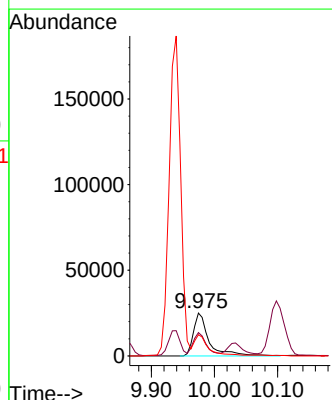
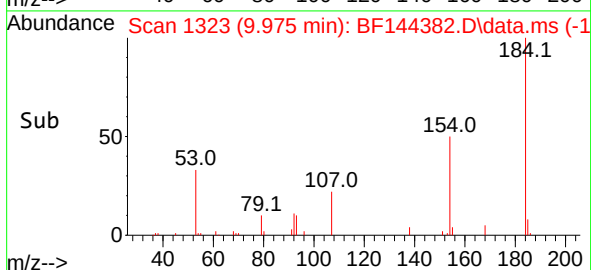
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

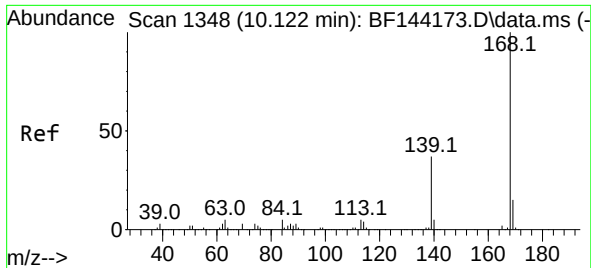


#54
2,4-Dinitrophenol
Concen: 44.283 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41



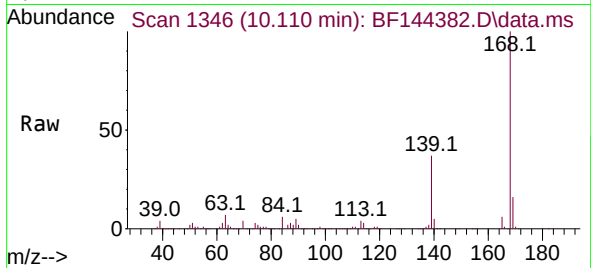
Tgt Ion:184 Resp: 42780
Ion Ratio Lower Upper
184 100
63 54.5 44.0 66.0
154 49.7 42.4 63.6





#55
Dibenzofuran
Concen: 38.799 ng
RT: 10.110 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

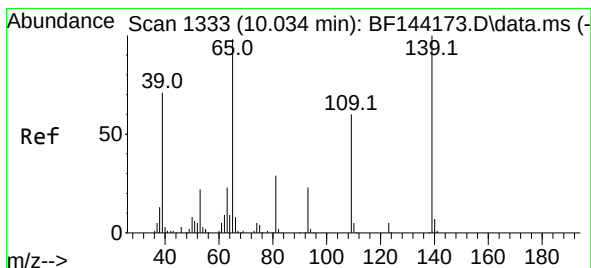
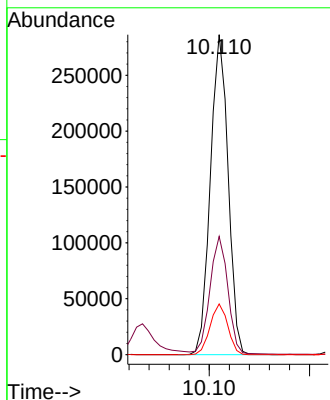
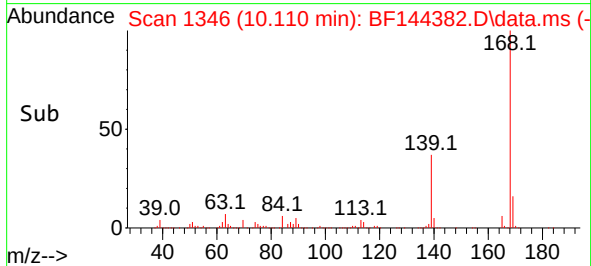
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 351740
Ion Ratio Lower Upper
168 100
139 36.9 30.2 45.2
169 15.8 12.2 18.4

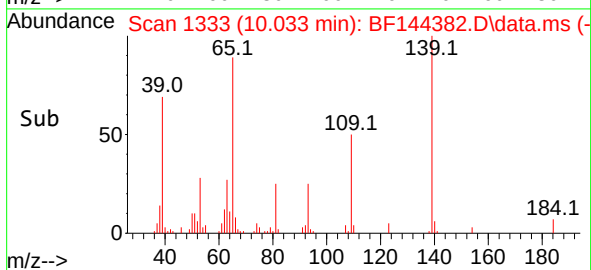
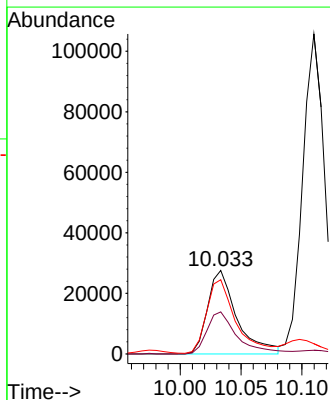
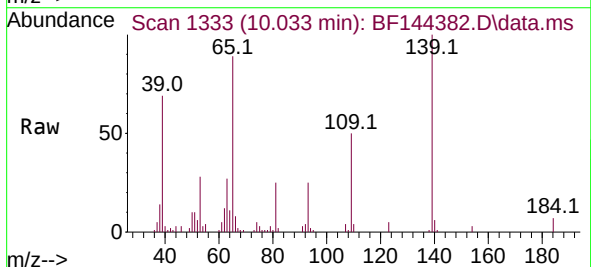
Manual Integrations
APPROVED

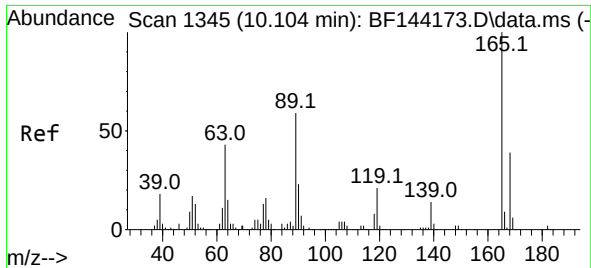
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#56
4-Nitrophenol
Concen: 36.354 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:139 Resp: 45990
Ion Ratio Lower Upper
139 100
109 50.3 39.9 79.9
65 88.9 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 39.752 ng
RT: 10.098 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Instrument :

BNA_F

ClientSampleId :

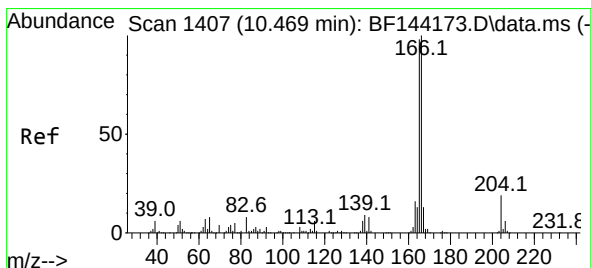
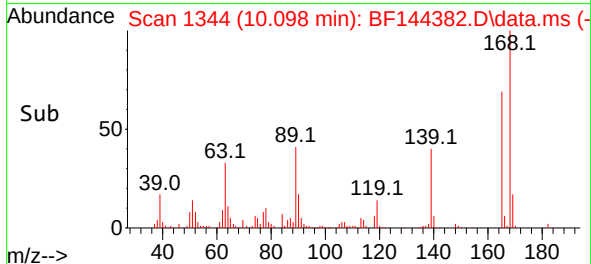
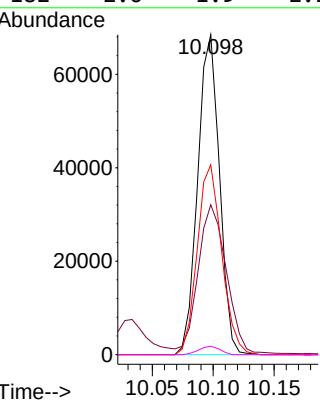
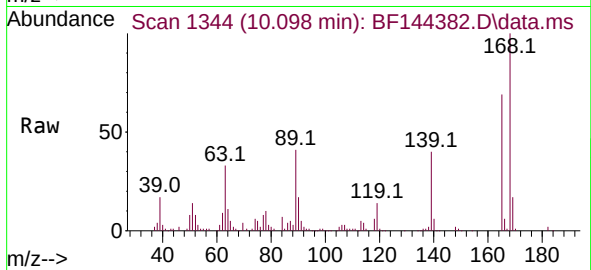
SSTDCCC040

Tgt Ion:165 Resp: 85136
Ion Ratio Lower Upper
165 100
63 46.8 35.5 53.3
89 59.3 47.4 71.2
182 2.6 1.9 2.9

Manual Integrations

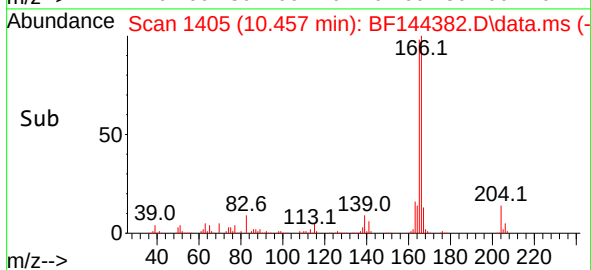
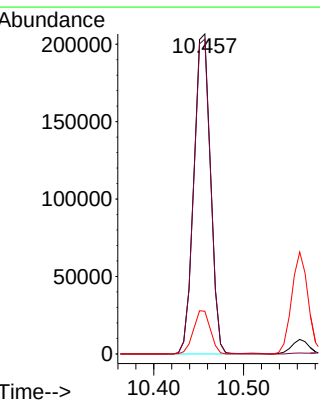
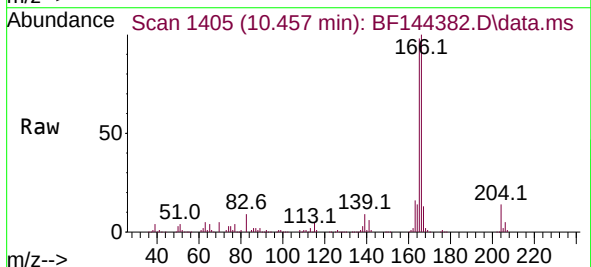
APPROVED

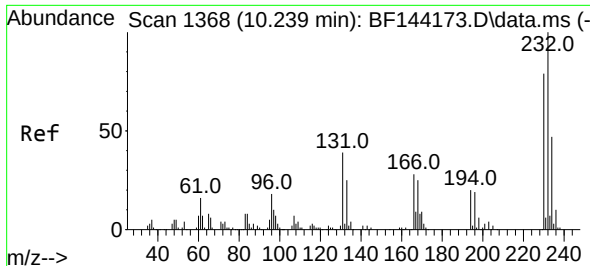
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#58
Fluorene
Concen: 38.659 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:166 Resp: 266464
Ion Ratio Lower Upper
166 100
165 98.4 78.6 118.0
167 13.3 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 36.576 ng
RT: 10.233 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Instrument :

BNA_F

ClientSampleId :

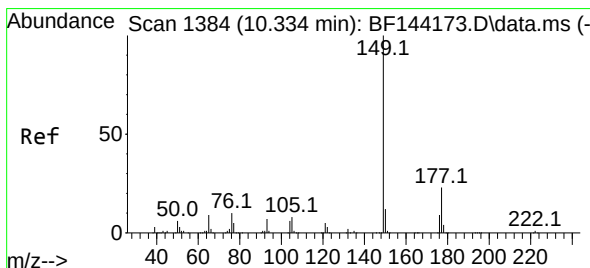
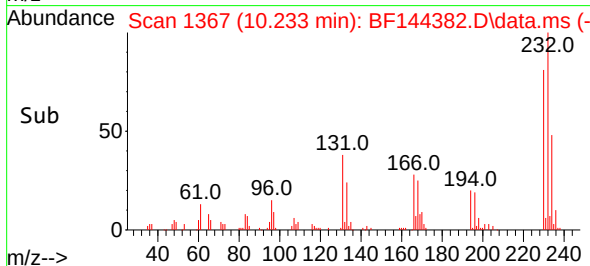
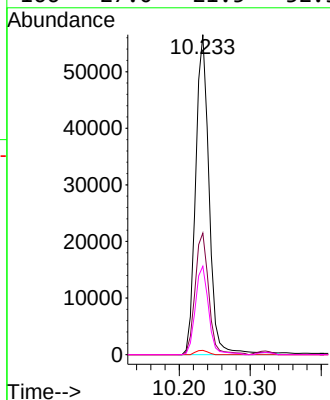
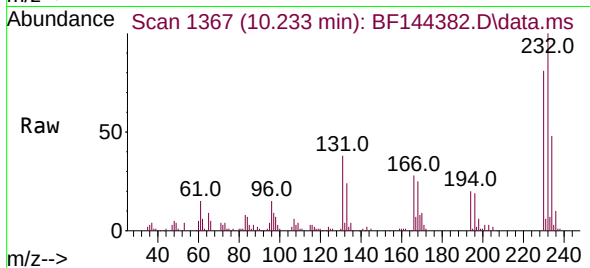
SSTDCCC040

Tgt Ion:232 Resp: 74216
Ion Ratio Lower Upper
232 100
131 38.2 30.3 45.5
130 1.2 1.2 1.8
166 27.0 21.5 32.3

Manual Integrations

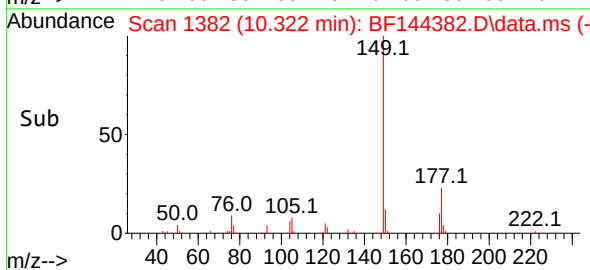
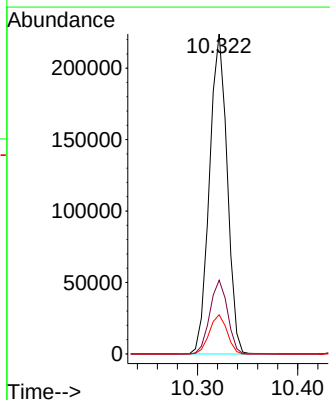
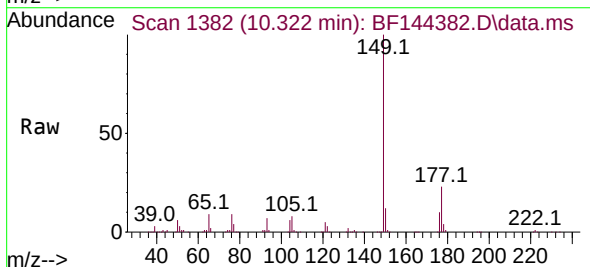
APPROVED

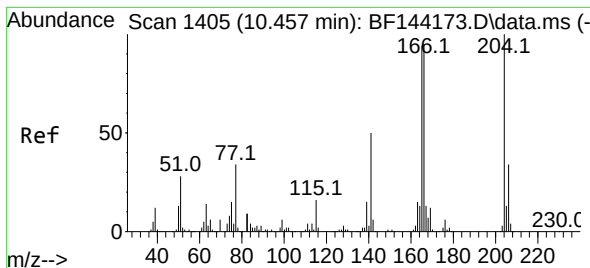
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#60
Diethylphthalate
Concen: 37.635 ng
RT: 10.322 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

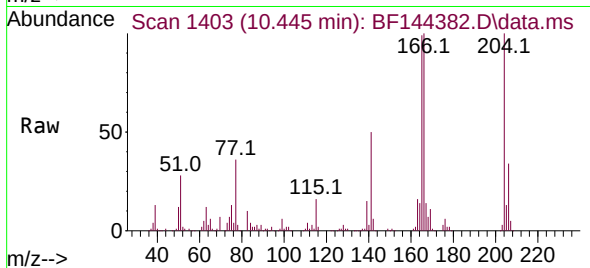
Tgt Ion:149 Resp: 274187
Ion Ratio Lower Upper
149 100
177 23.0 18.3 27.5
150 12.2 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 37.599 ng
RT: 10.445 min Scan# 1405
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

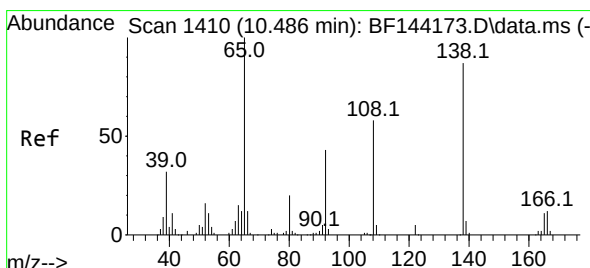
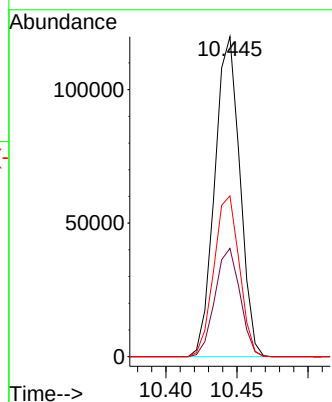
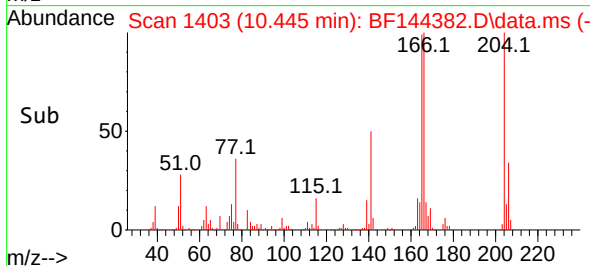
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



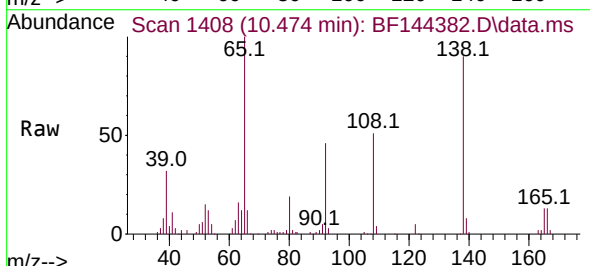
Tgt Ion:204 Resp: 147621
Ion Ratio Lower Upper
204 100
206 33.8 27.4 41.2
141 50.2 40.0 60.0

Manual Integrations
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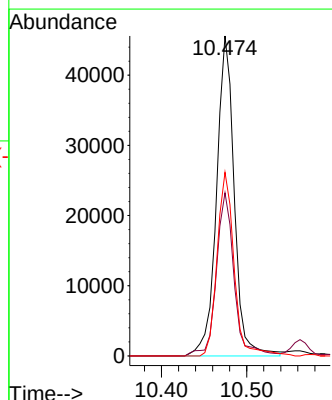
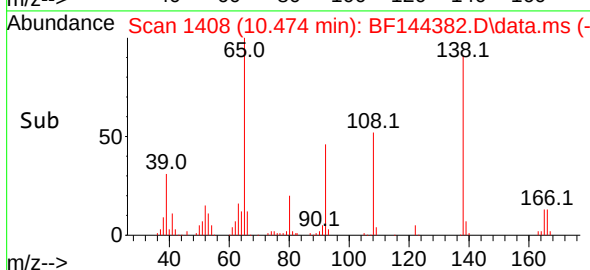
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

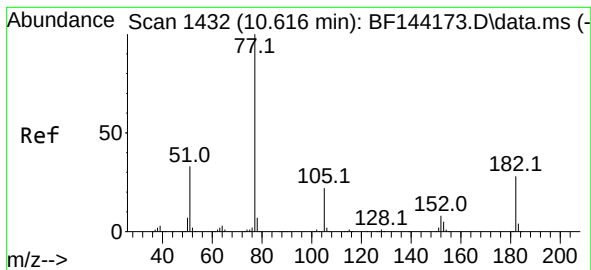


#62
4-Nitroaniline
Concen: 39.617 ng
RT: 10.474 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41



Tgt Ion:138 Resp: 65981
Ion Ratio Lower Upper
138 100
92 51.0 29.4 69.4
108 57.4 46.4 86.4





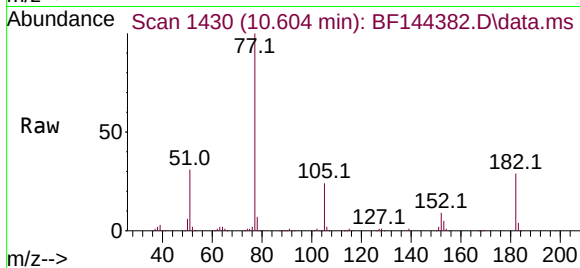
#63
Azobenzene
Concen: 39.510 ng
RT: 10.604 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

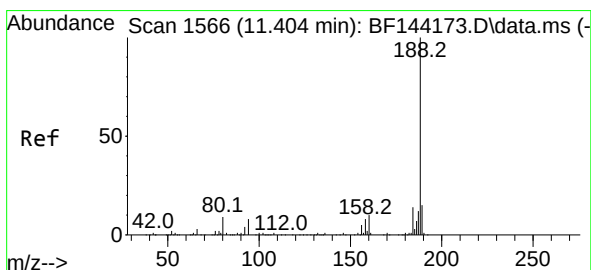
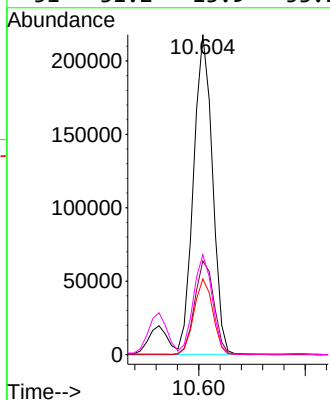
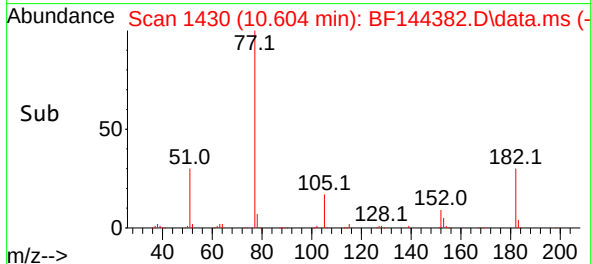


Tgt Ion: 77 Resp: 267889
Ion Ratio Lower Upper
77 100
182 29.3 8.1 48.1
105 23.6 2.0 42.0
51 31.2 13.9 53.9

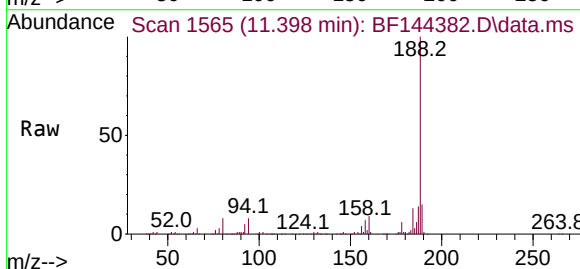
Manual Integrations

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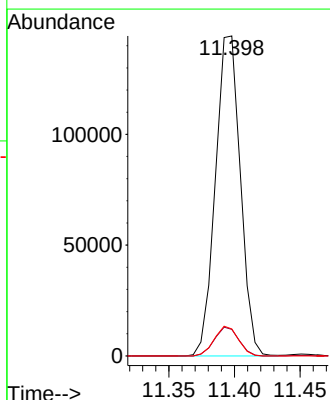
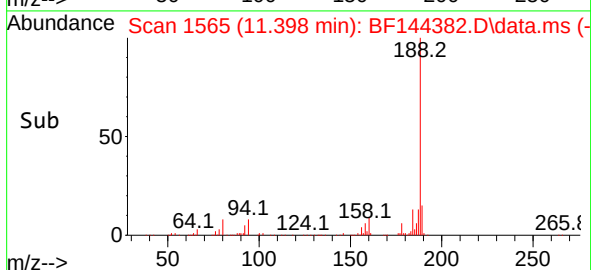
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

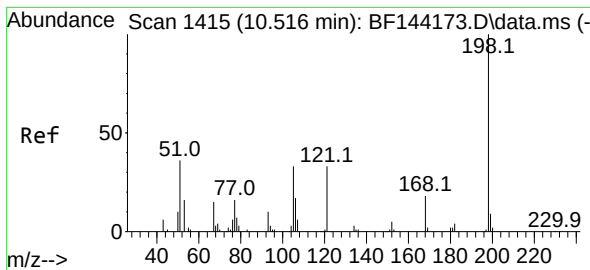


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41



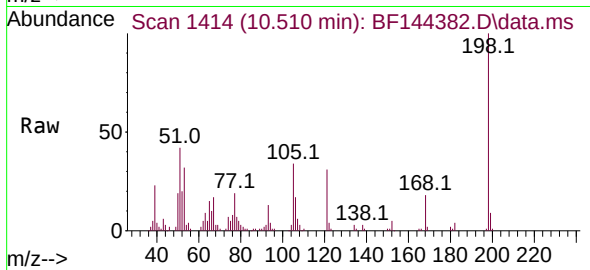
Tgt Ion:188 Resp: 191565
Ion Ratio Lower Upper
188 100
94 8.3 6.2 9.2
80 8.4 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 37.488 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

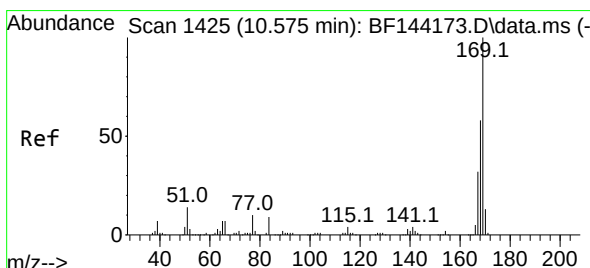
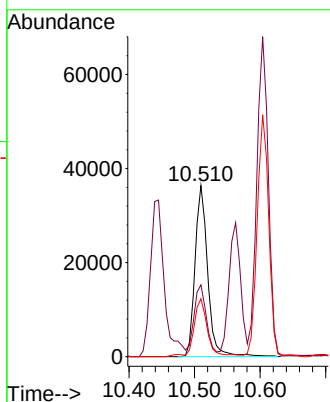
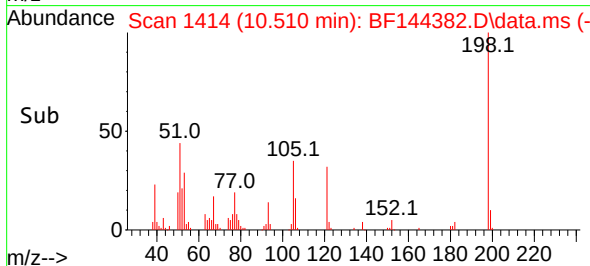
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:198 Resp: 48786
Ion Ratio Lower Upper
198 100
51 42.0 25.6 65.6
105 33.8 14.6 54.6

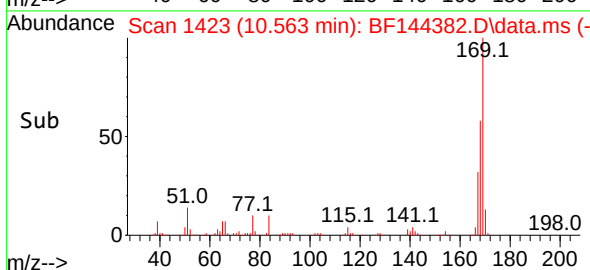
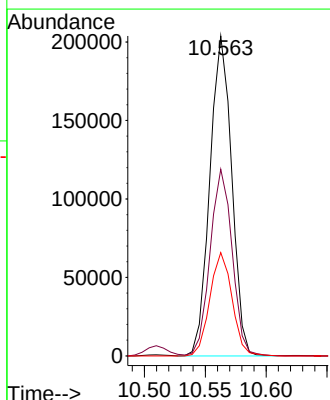
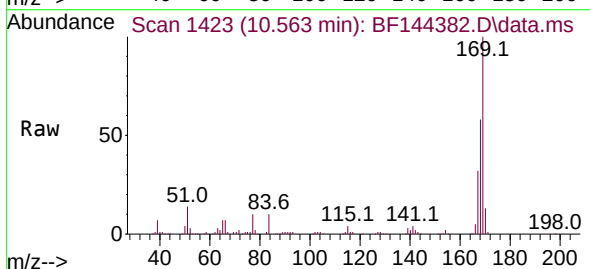
Manual Integrations
APPROVED

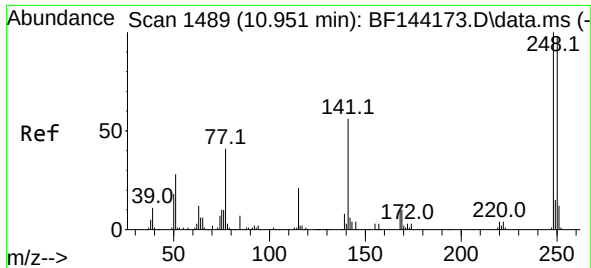
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#66
n-Nitrosodiphenylamine
Concen: 41.324 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

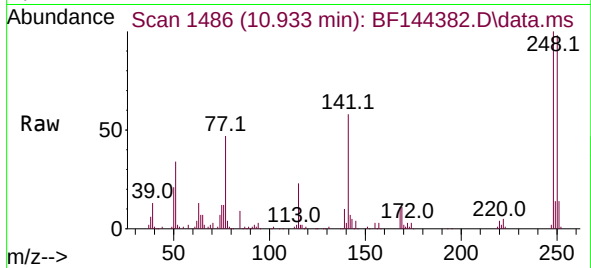
Tgt Ion:169 Resp: 254610
Ion Ratio Lower Upper
169 100
168 58.3 46.2 69.2
167 32.3 25.7 38.5





#67
4-Bromophenyl-phenylether
Concen: 38.784 ng
RT: 10.933 min Scan# 1486
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

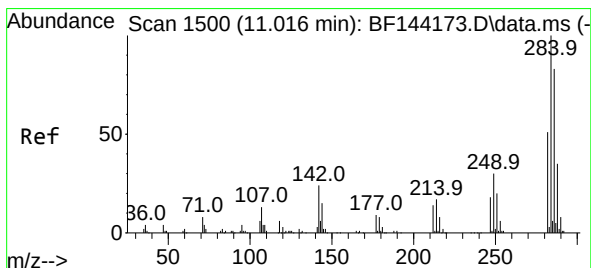
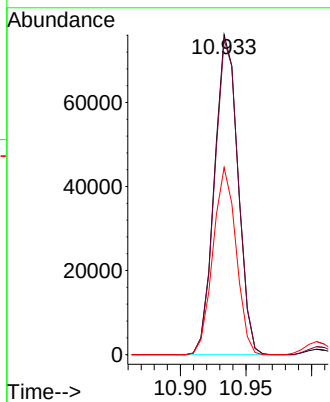
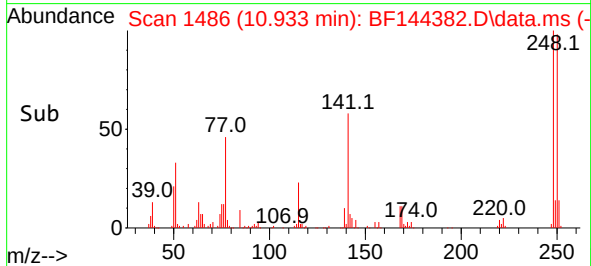
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



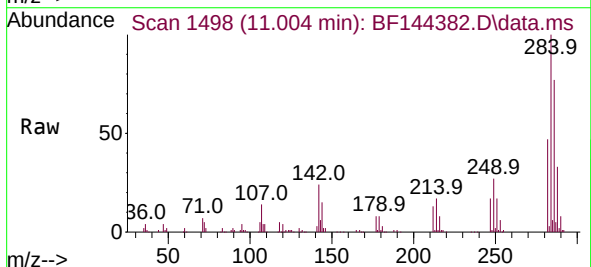
Tgt Ion:248 Resp: 94832
Ion Ratio Lower Upper
248 100
250 98.4 78.4 117.6
141 58.5 45.1 67.7

Manual Integrations
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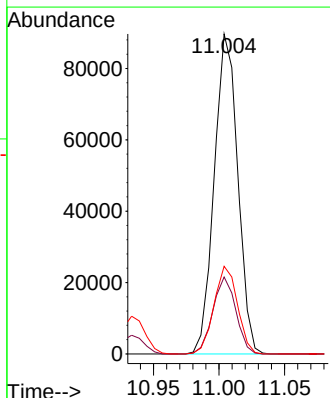
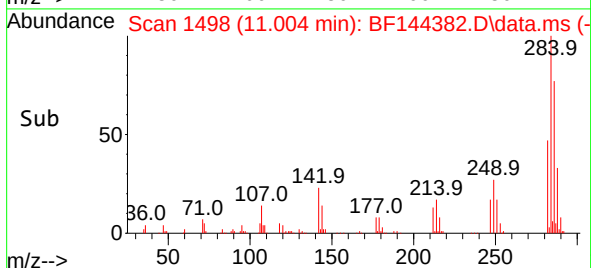
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

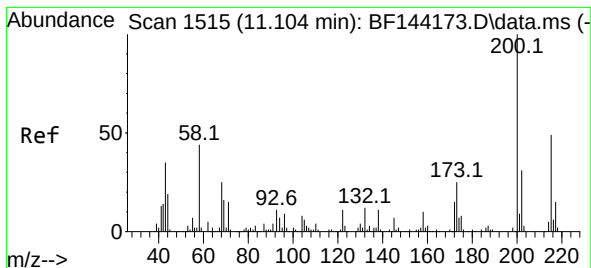


#68
Hexachlorobenzene
Concen: 38.875 ng
RT: 11.004 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41



Tgt Ion:284 Resp: 111963
Ion Ratio Lower Upper
284 100
142 24.0 19.2 28.8
249 27.4 23.8 35.8





#69

Atrazine

Concen: 36.716 ng

RT: 11.092 min Scan# 1513

Delta R.T. -0.006 min

Lab File: BF144382.D

Acq: 01 Dec 2025 12:41

Instrument :

BNA_F

ClientSampleId :

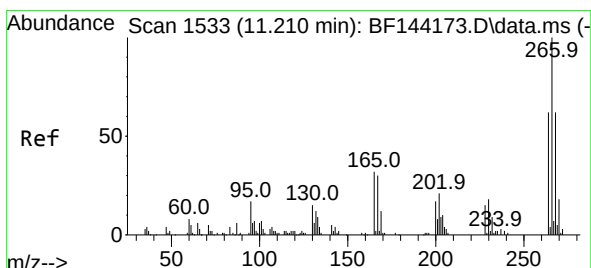
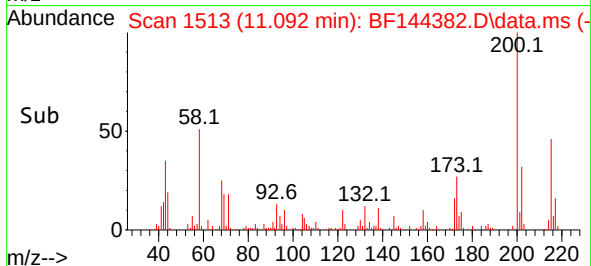
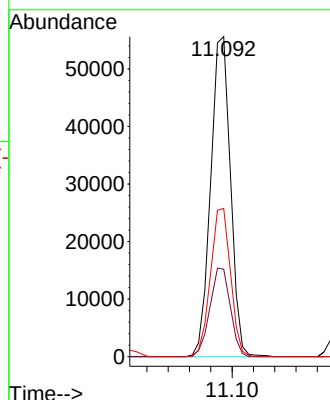
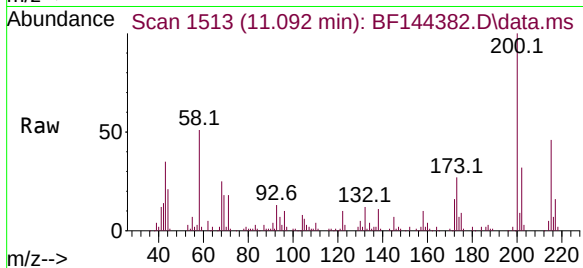
SSTDCCC040

Tgt Ion:200 Resp: 71941
 Ion Ratio Lower Upper
 200 100
 173 27.3 5.0 45.0
 215 46.3 28.7 68.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025



#70

Pentachlorophenol

Concen: 42.160 ng

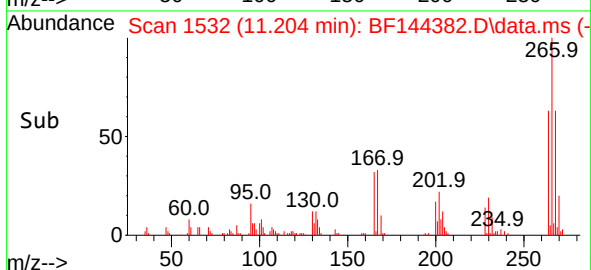
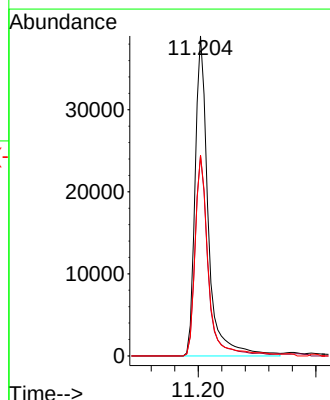
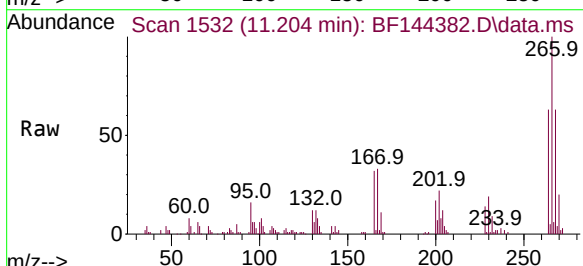
RT: 11.204 min Scan# 1532

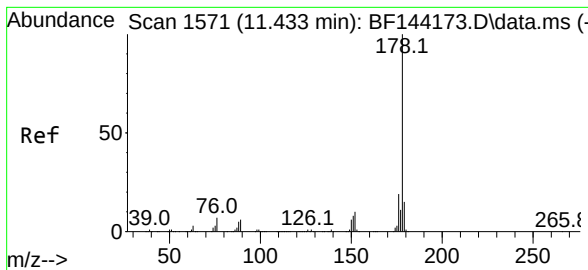
Delta R.T. -0.012 min

Lab File: BF144382.D

Acq: 01 Dec 2025 12:41

Tgt Ion:266 Resp: 60464
 Ion Ratio Lower Upper
 266 100
 268 62.6 49.5 74.3
 264 62.7 49.4 74.2





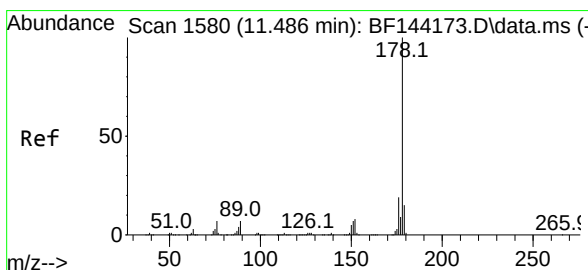
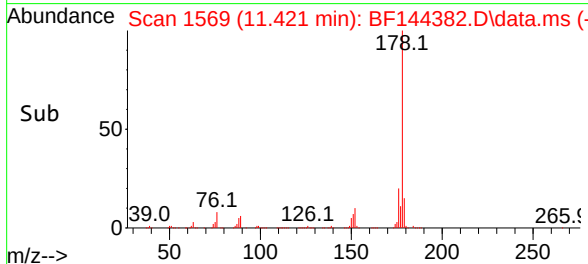
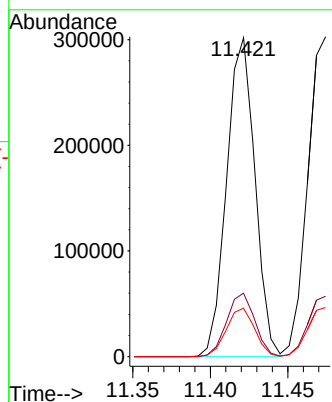
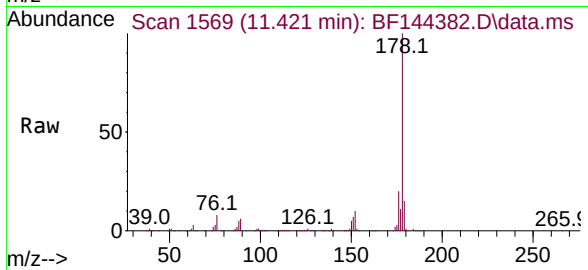
#71
Phenanthrene
Concen: 40.206 ng
RT: 11.421 min Scan# 11421
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 383472
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 15.2 12.2 18.4

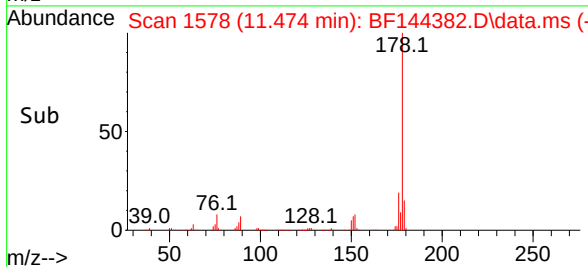
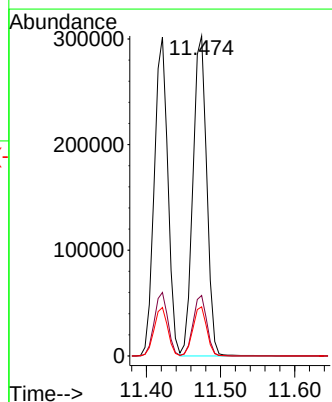
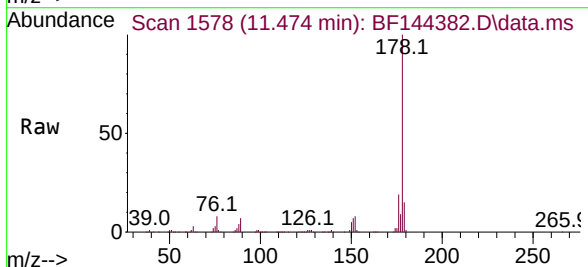
Manual Integrations
APPROVED

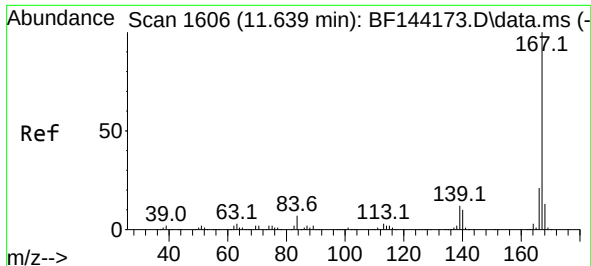
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#72
Anthracene
Concen: 40.207 ng
RT: 11.474 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

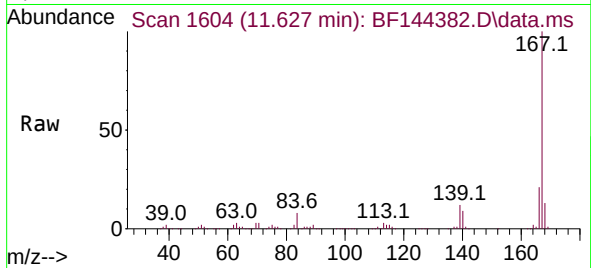
Tgt Ion:178 Resp: 389942
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.3 12.0 18.0





#73
 Carbazole
 Concen: 40.741 ng
 RT: 11.627 min Scan# 1604
 Delta R.T. -0.012 min
 Lab File: BF144382.D
 Acq: 01 Dec 2025 12:41

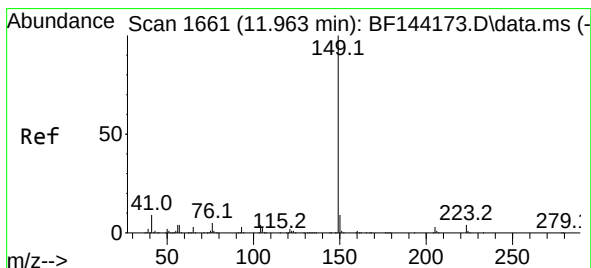
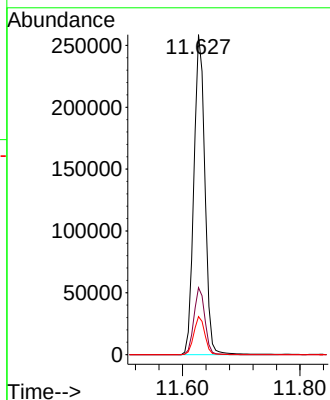
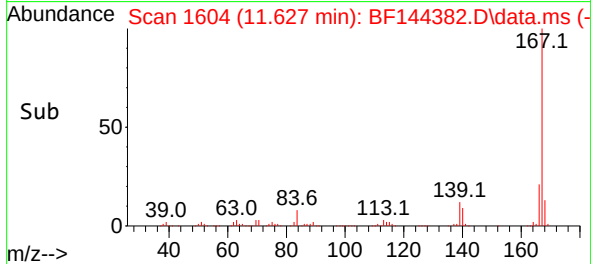
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



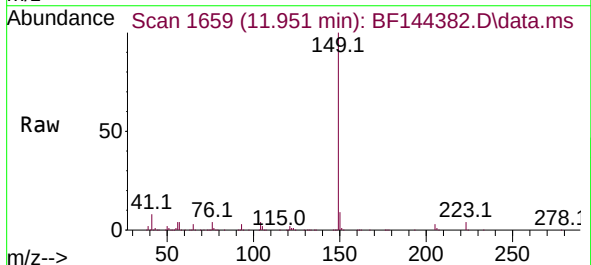
Tgt Ion:167 Resp: 335985
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.2 25.8
 139 11.9 9.9 14.9

Manual Integrations
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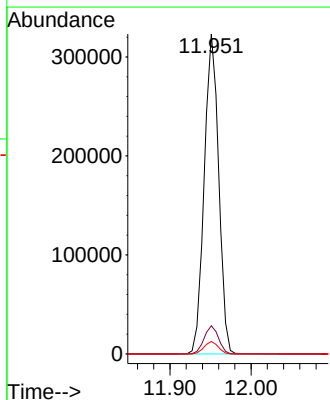
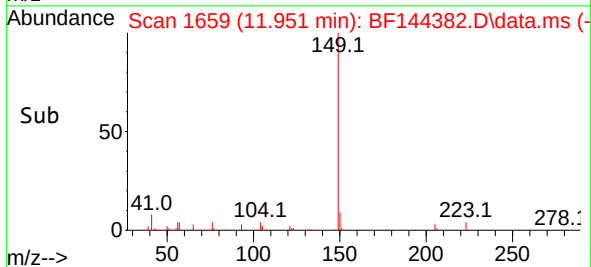
Reviewed By :Jagrut Upadhyay 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025

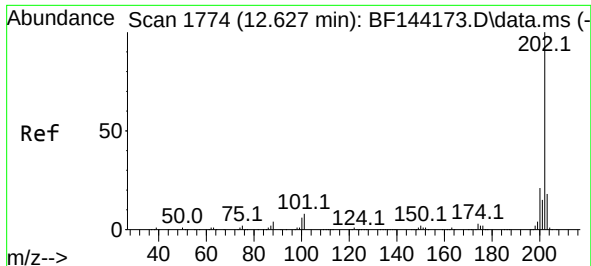


#74
 Di-n-butylphthalate
 Concen: 40.101 ng
 RT: 11.951 min Scan# 1659
 Delta R.T. -0.012 min
 Lab File: BF144382.D
 Acq: 01 Dec 2025 12:41



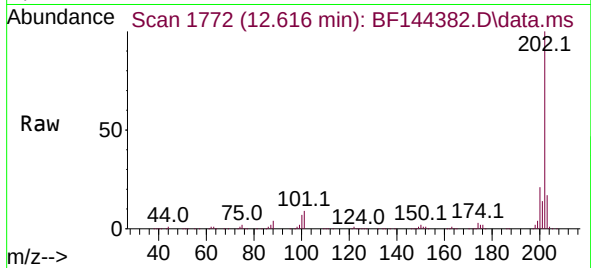
Tgt Ion:149 Resp: 399779
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.4 11.0
 104 3.9 3.4 5.2





#75
Fluoranthene
Concen: 39.973 ng
RT: 12.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

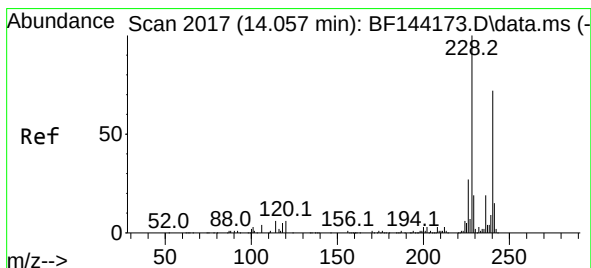
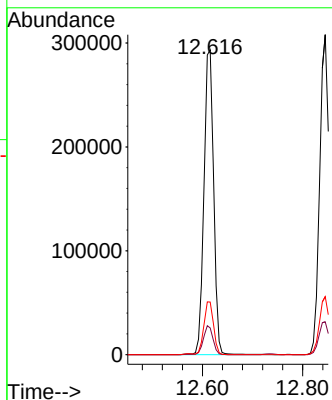
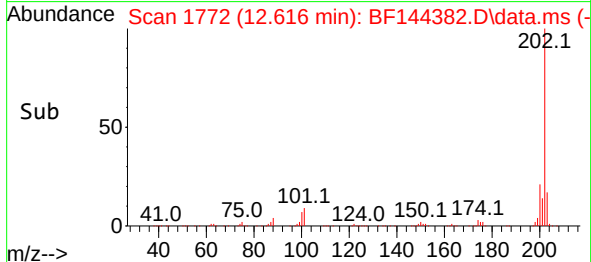
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



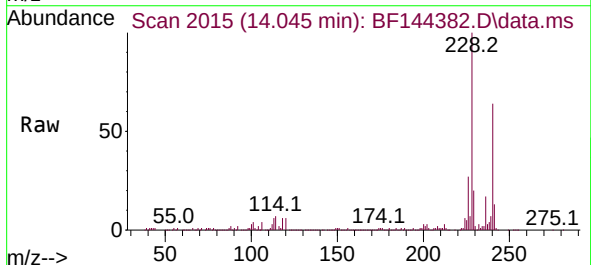
Tgt Ion:202 Resp: 393834
Ion Ratio Lower Upper
202 100
101 8.7 0.0 27.9
203 17.3 0.0 37.5

Manual Integrations
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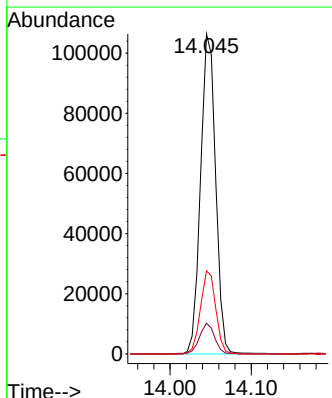
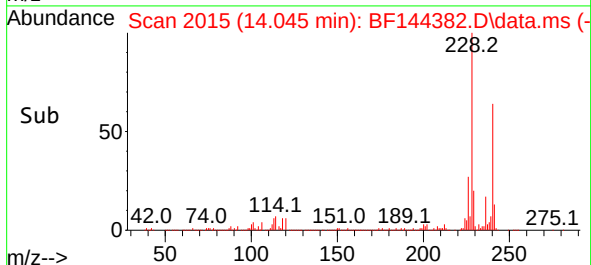
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

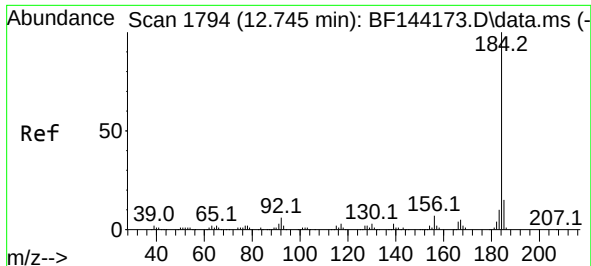


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41



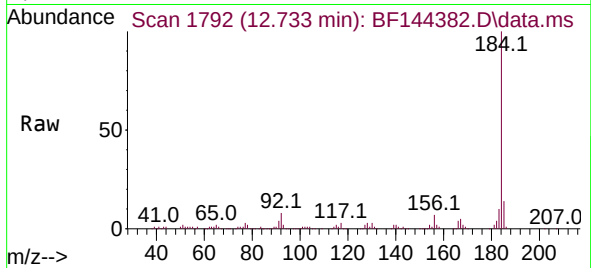
Tgt Ion:240 Resp: 137289
Ion Ratio Lower Upper
240 100
120 9.6 6.6 10.0
236 26.0 21.4 32.2





#77
Benzidine
Concen: 50.659 ng
RT: 12.733 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

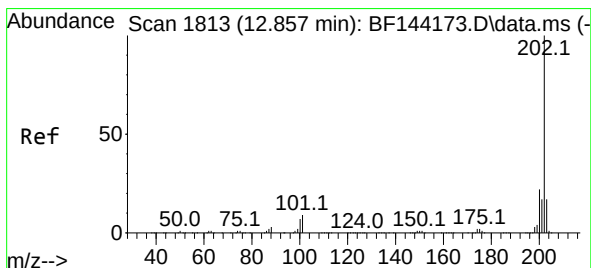
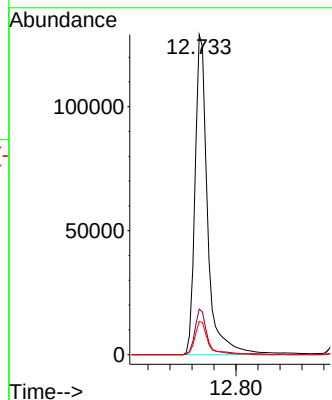
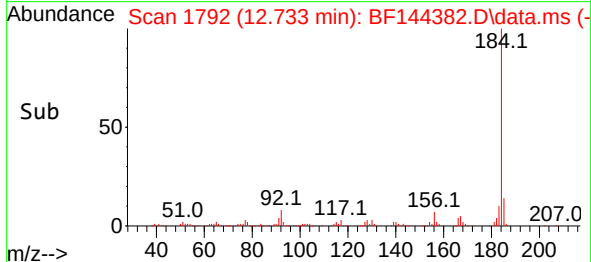
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



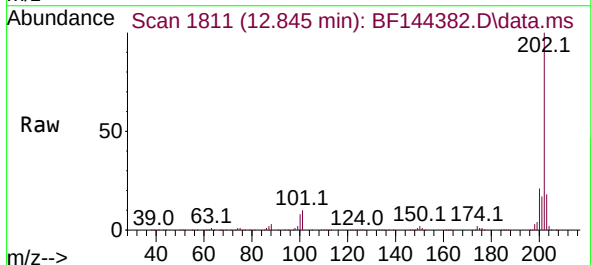
Tgt Ion:184 Resp: 20572
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 10.3 8.3 12.5

Manual Integrations
APPROVED

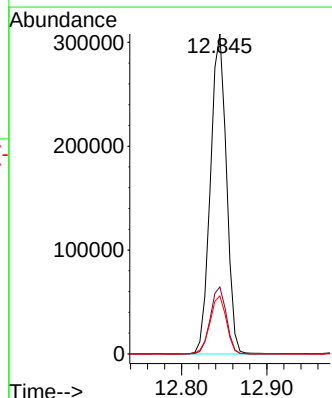
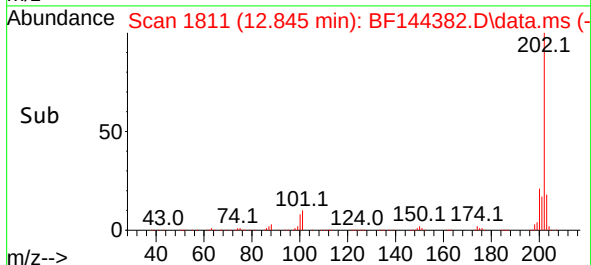
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

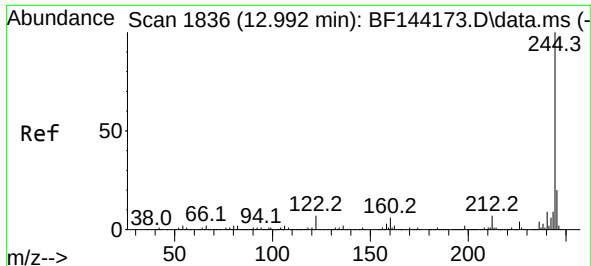


#78
Pyrene
Concen: 36.313 ng
RT: 12.845 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41



Tgt Ion:202 Resp: 401965
Ion Ratio Lower Upper
202 100
200 20.9 17.2 25.8
203 18.1 13.7 20.5





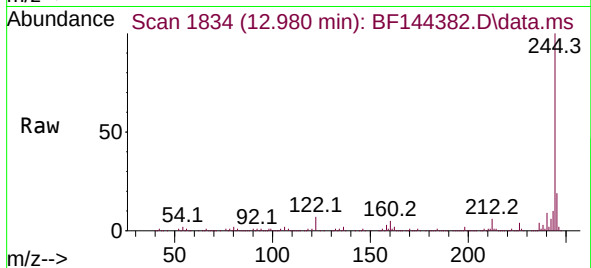
#79
 Terphenyl-d14
 Concen: 69.531 ng
 RT: 12.980 min Scan# 1836
 Delta R.T. -0.012 min
 Lab File: BF144382.D
 Acq: 01 Dec 2025 12:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

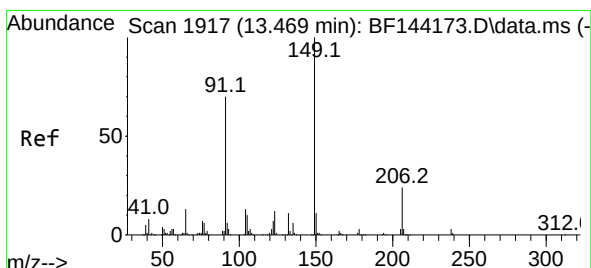
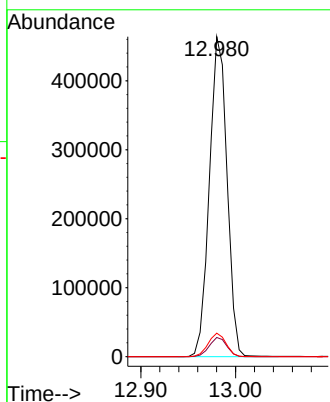
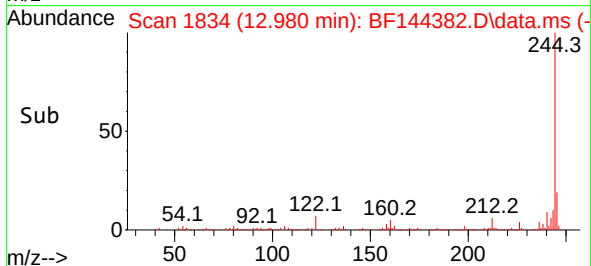


Tgt Ion:244 Resp: 600969
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.3 7.9
 122 7.3 5.6 8.4

Manual Integrations

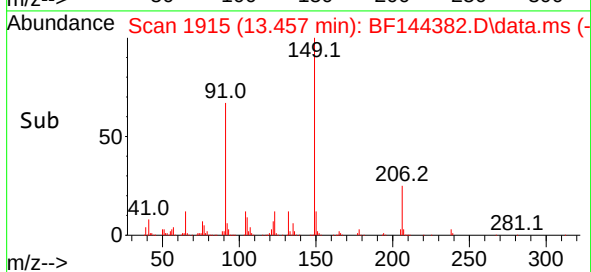
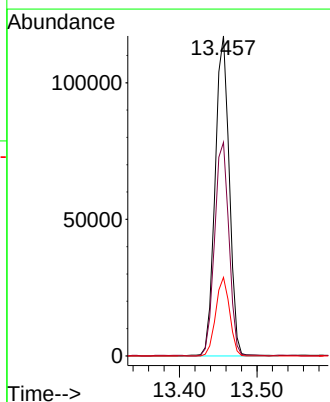
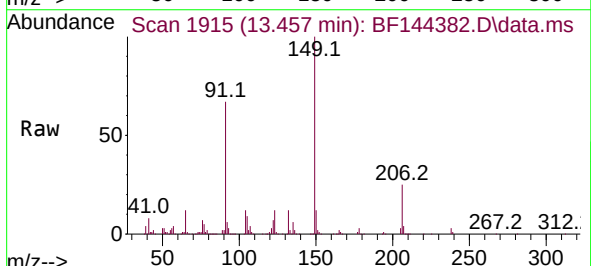
APPROVED

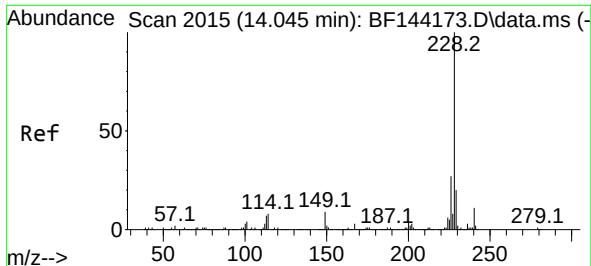
Reviewed By :Jagrut Upadhyay 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025



#80
 Butylbenzylphthalate
 Concen: 38.807 ng
 RT: 13.457 min Scan# 1915
 Delta R.T. -0.012 min
 Lab File: BF144382.D
 Acq: 01 Dec 2025 12:41

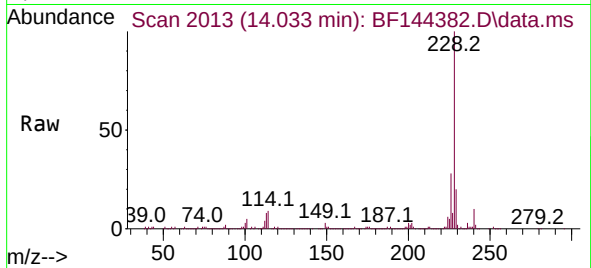
Tgt Ion:149 Resp: 148885
 Ion Ratio Lower Upper
 149 100
 91 66.7 56.1 84.1
 206 24.5 18.8 28.2





#81
Benzo(a)anthracene
Concen: 40.805 ng
RT: 14.033 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

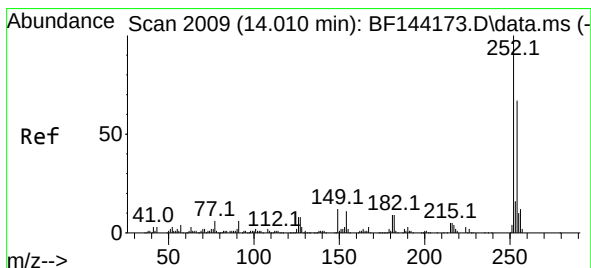
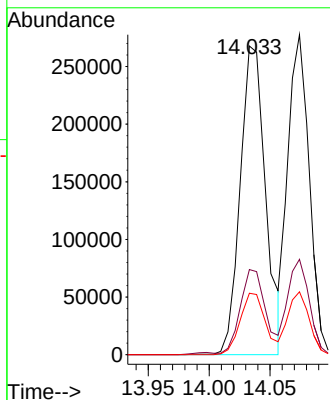
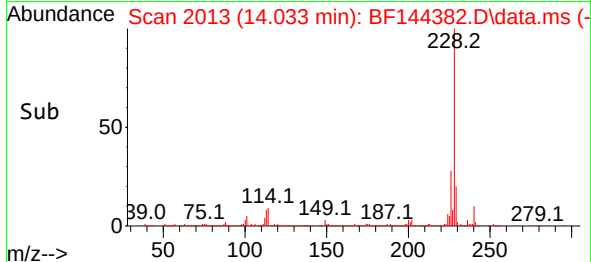
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



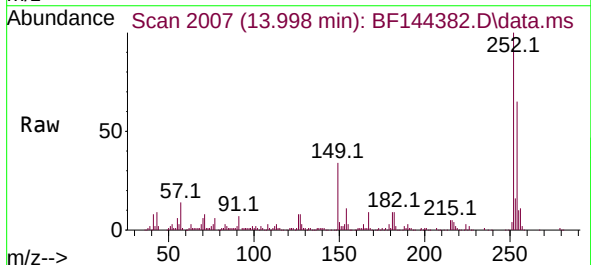
Tgt Ion:228 Resp: 388268
Ion Ratio Lower Upper
228 100
226 27.5 21.8 32.8
229 19.9 15.8 23.6

Manual Integrations
APPROVED

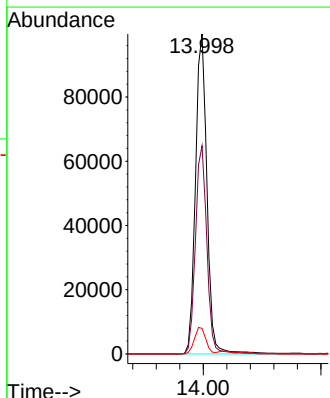
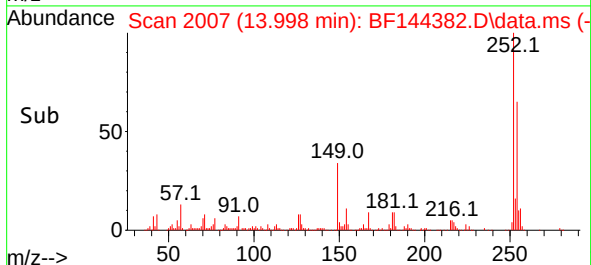
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

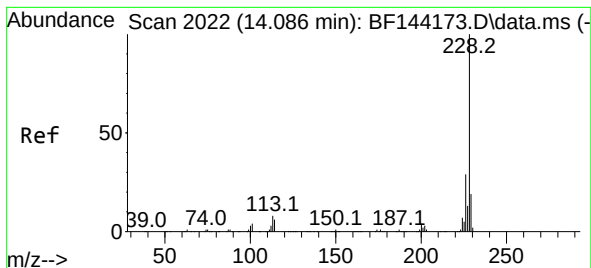


#82
3,3'-Dichlorobenzidine
Concen: 41.207 ng
RT: 13.998 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41



Tgt Ion:252 Resp: 134399
Ion Ratio Lower Upper
252 100
254 65.0 53.5 80.3
126 8.0 6.4 9.6





#83

Chrysene

Concen: 38.758 ng

RT: 14.074 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF144382.D

Acq: 01 Dec 2025 12:41

Instrument :

BNA_F

ClientSampleId :

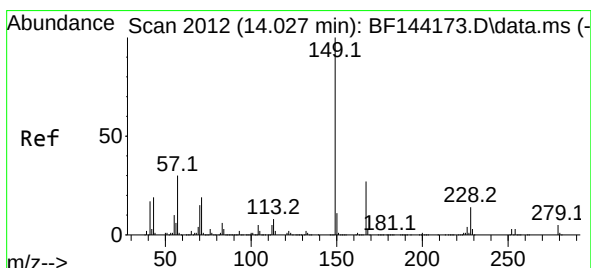
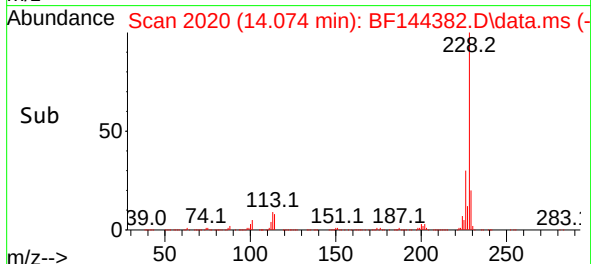
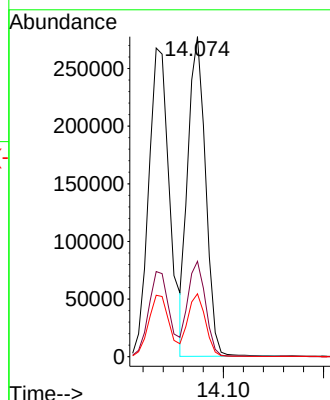
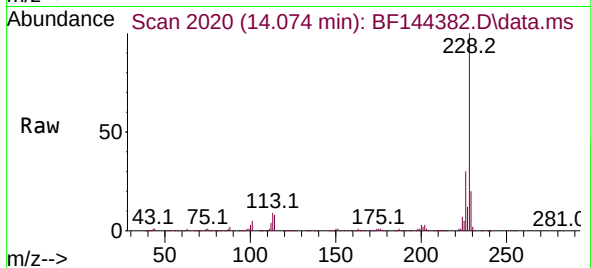
SSTDCCC040

Tgt Ion:228	Resp: 340440
Ion Ratio	Lower Upper
228 100	
226 29.8	22.9 34.3
229 19.6	15.0 22.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.447 ng

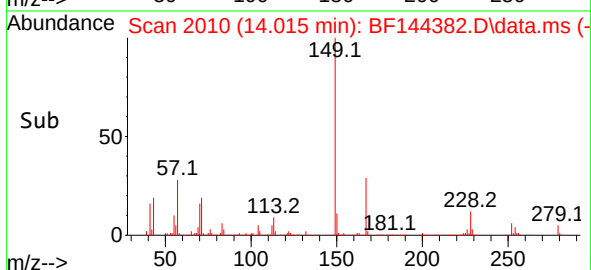
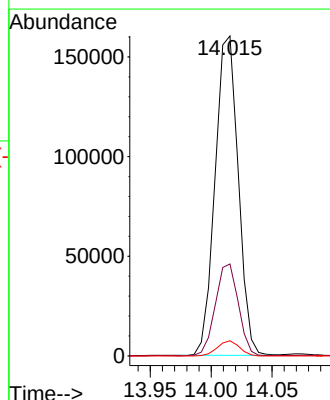
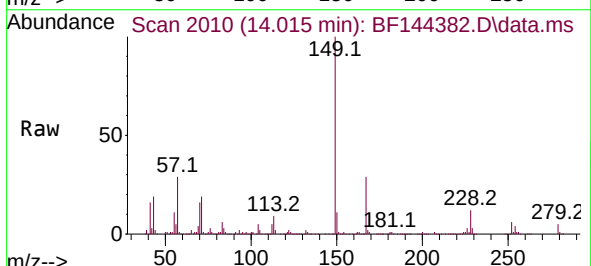
RT: 14.015 min Scan# 2010

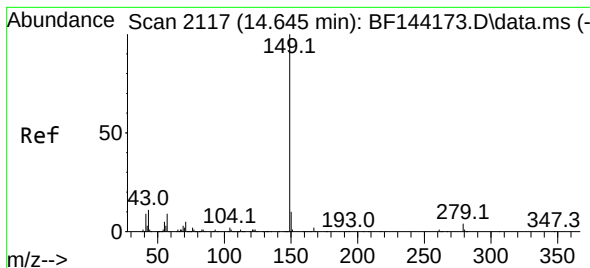
Delta R.T. -0.012 min

Lab File: BF144382.D

Acq: 01 Dec 2025 12:41

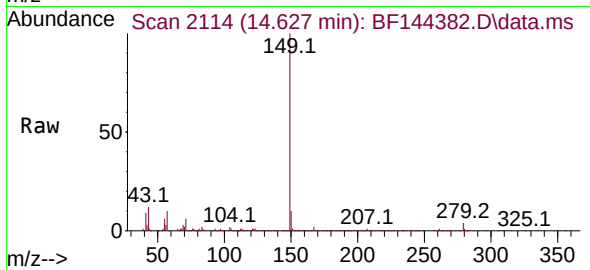
Tgt Ion:149	Resp: 212428
Ion Ratio	Lower Upper
149 100	
167 28.7	21.8 32.8
279 4.7	3.7 5.5





#85
Di-n-octyl phthalate
Concen: 43.076 ng
RT: 14.627 min Scan# 2114
Delta R.T. -0.018 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

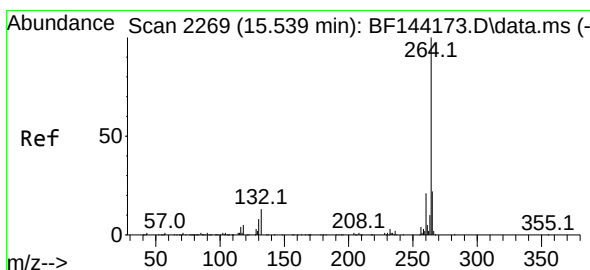
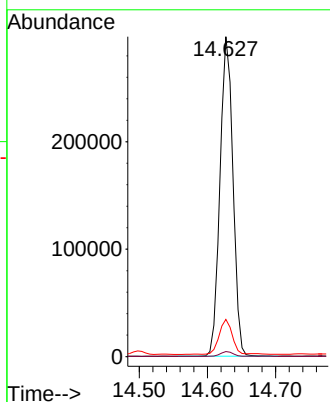
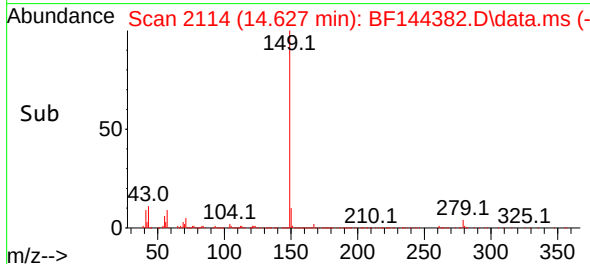
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 390334
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.0 9.0 13.4

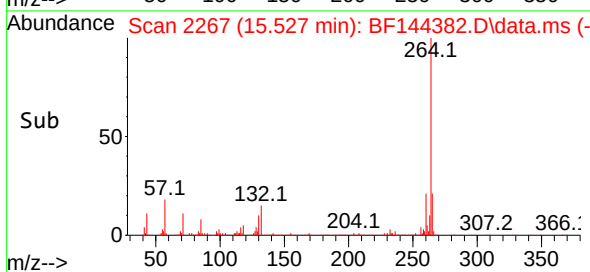
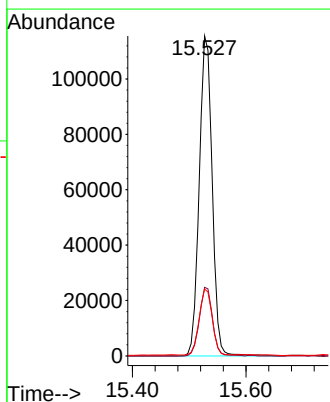
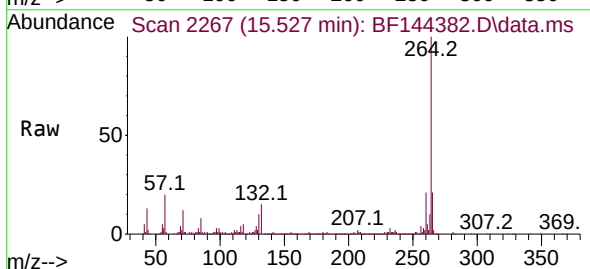
Manual Integrations
APPROVED

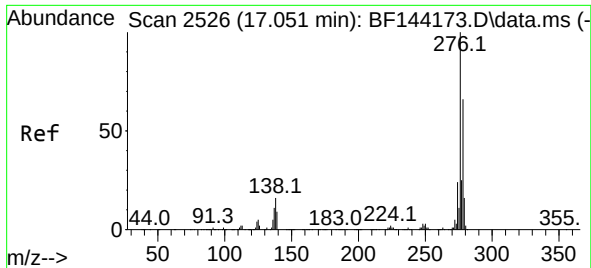
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

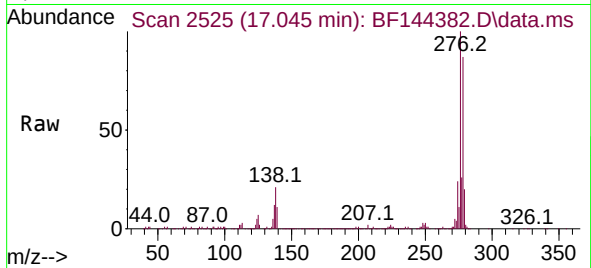
Tgt Ion:264 Resp: 182291
Ion Ratio Lower Upper
264 100
260 21.4 17.1 25.7
265 20.9 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 38.142 ng
RT: 17.045 min Scan# 2194
Delta R.T. 0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

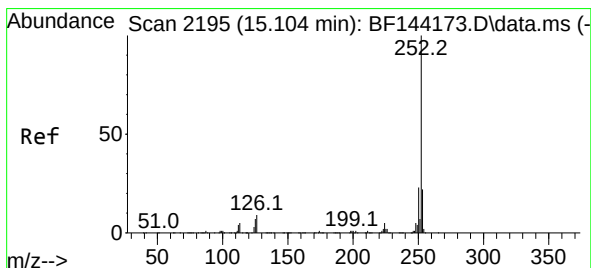
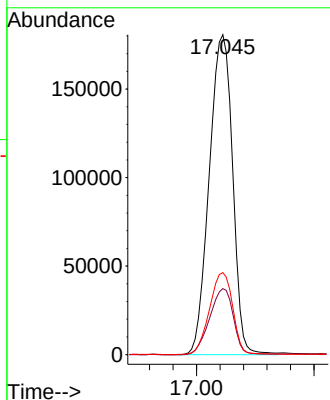
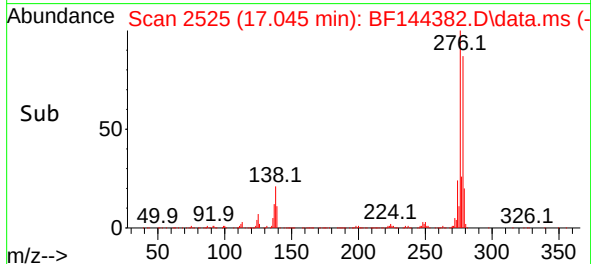
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



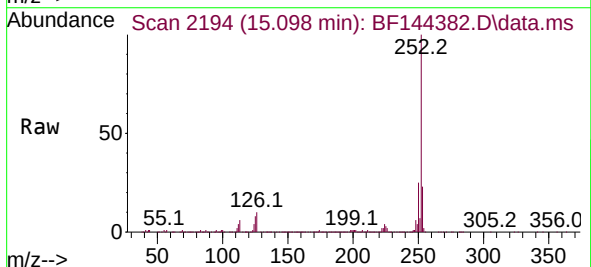
Tgt Ion: 276 Resp: 499107
Ion Ratio Lower Upper
276 100
138 21.1 13.9 20.9
277 25.6 19.8 29.6

Manual Integrations
APPROVED

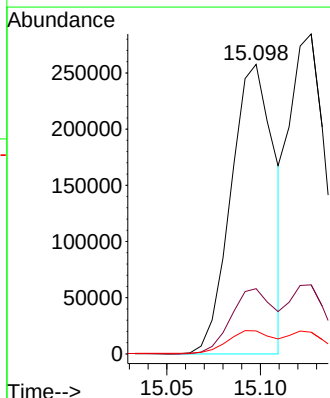
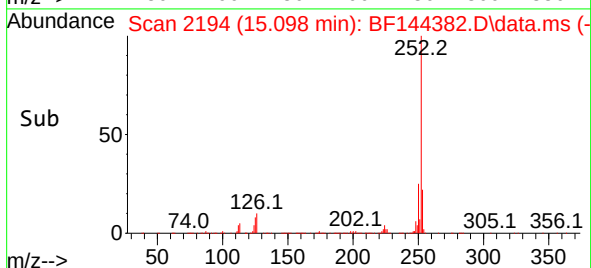
Reviewed By : Jagrut Upadhyay 12/02/2025
Supervised By : mohammad ahmed 12/03/2025

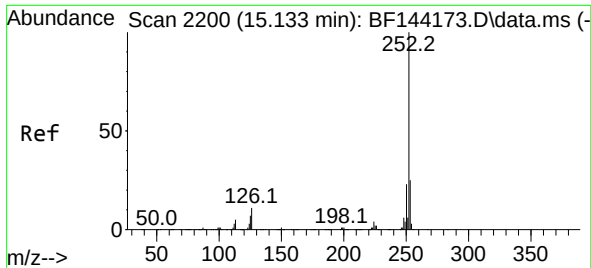


#88
Benzo(b)fluoranthene
Concen: 39.846 ng m
RT: 15.098 min Scan# 2194
Delta R.T. -0.000 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41



Tgt Ion: 252 Resp: 412945
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 7.9 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 39.987 ng

RT: 15.127 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF144382.D

Acq: 01 Dec 2025 12:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 387886

Ion Ratio Lower Upper

252 100

253 21.6 18.0 27.0

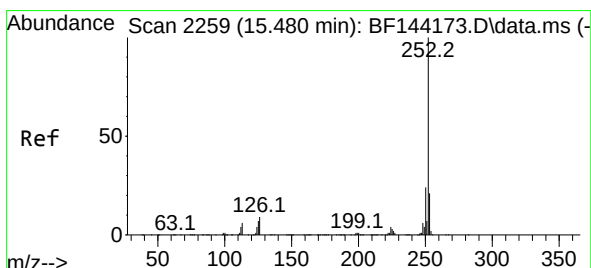
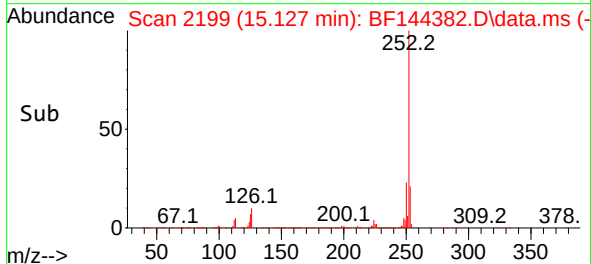
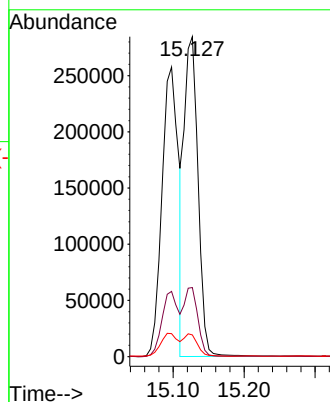
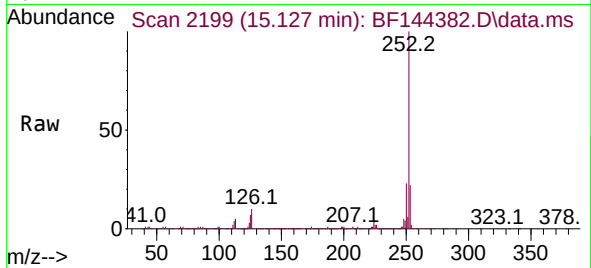
125 6.8 5.4 8.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025

Supervised By :mohammad ahmed 12/03/2025



#90

Benzo(a)pyrene

Concen: 40.265 ng

RT: 15.468 min Scan# 2257

Delta R.T. -0.006 min

Lab File: BF144382.D

Acq: 01 Dec 2025 12:41

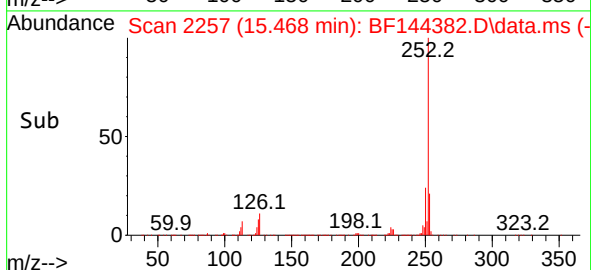
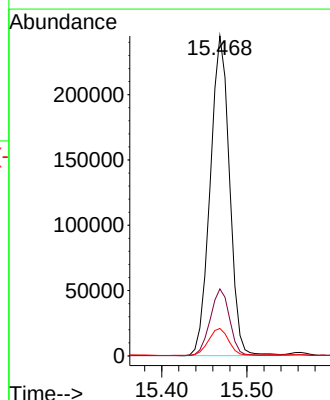
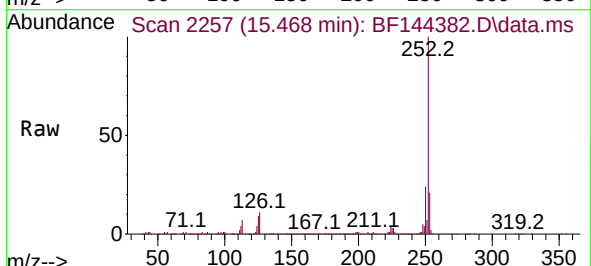
Tgt Ion:252 Resp: 384963

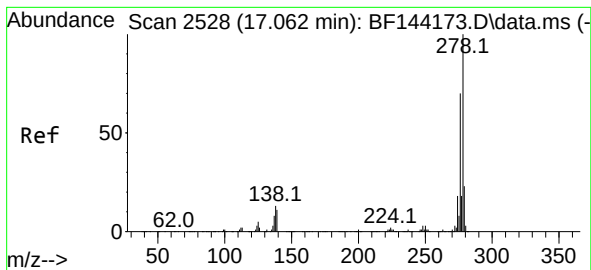
Ion Ratio Lower Upper

252 100

253 20.9 16.7 25.1

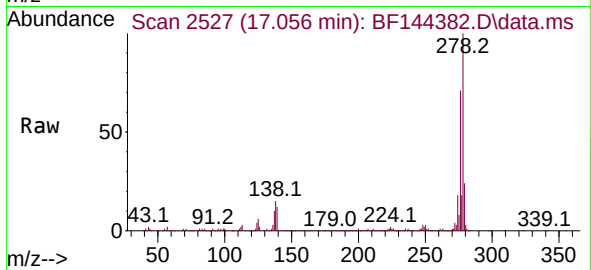
125 8.6 5.7 8.5#





#91
Dibenzo(a,h)anthracene
Concen: 38.563 ng
RT: 17.056 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

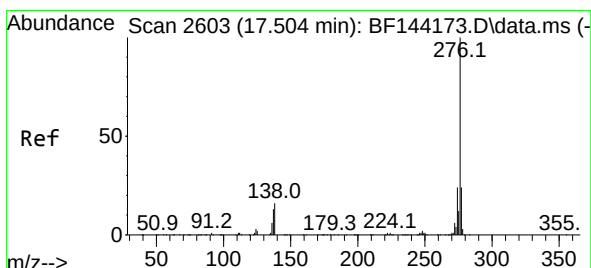
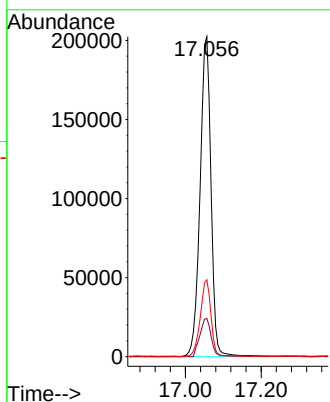
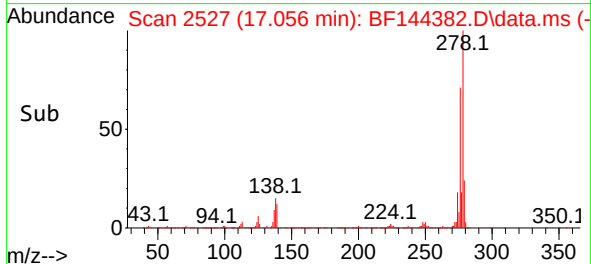
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



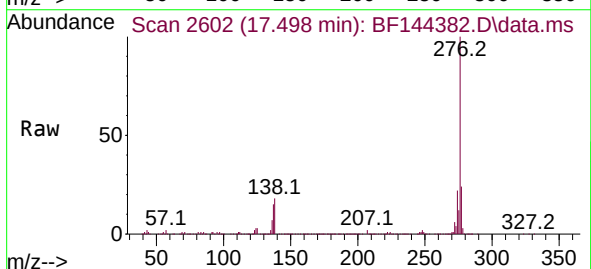
Tgt Ion:278 Resp: 405260
Ion Ratio Lower Upper
278 100
139 11.9 9.1 13.7
279 24.0 18.2 27.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#92
Benzo(g,h,i)perylene
Concen: 38.273 ng
RT: 17.498 min Scan# 2602
Delta R.T. 0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41



Tgt Ion:276 Resp: 397188
Ion Ratio Lower Upper
276 100
277 24.1 19.0 28.4
138 18.4 12.9 19.3

