

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112025\
 Data File : BF144294.D
 Acq On : 20 Nov 2025 14:54
 Operator : RC/JU
 Sample : PB170652BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170652BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/21/2025
 Supervised By :mohammad ahmed 11/22/2025

Quant Time: Nov 20 15:14:00 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	62374	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	246197	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	141980	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	227540	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	143230	20.000	ng	0.00
86) Perylene-d12	15.521	264	161054	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	455598	114.303	ng	0.00
7) Phenol-d6	6.498	99	526124	116.494	ng	0.00
23) Nitrobenzene-d5	7.428	82	330984	77.645	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	202619	113.723	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	732546	76.202	ng	0.00
79) Terphenyl-d14	12.980	244	679751	75.384	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	64576	39.187	ng	100
3) Pyridine	3.451	79	166149	36.140	ng	99
4) n-Nitrosodimethylamine	3.393	42	107382	44.716	ng	98
6) Aniline	6.528	93	205572	31.948	ng	# 90
8) 2-Chlorophenol	6.651	128	170318	43.572	ng	98
9) Benzaldehyde	6.416	77	61039	23.934	ng	99
10) Phenol	6.516	94	229187	41.534	ng	89
11) bis(2-Chloroethyl)ether	6.598	93	179256	44.583	ng	99
12) 1,3-Dichlorobenzene	6.804	146	198194	41.090	ng	99
13) 1,4-Dichlorobenzene	6.881	146	206381	42.708	ng	100
14) 1,2-Dichlorobenzene	7.034	146	202629	43.748	ng	97
15) Benzyl Alcohol	7.010	79	157270	43.977	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.139	45	329524	44.505	ng	100
17) 2-Methylphenol	7.122	107	137807	44.316	ng	99
18) Hexachloroethane	7.375	117	67159	41.832	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	127040	42.730	ng	94
20) 3+4-Methylphenols	7.275	107	154629	42.182	ng	# 88
22) Acetophenone	7.275	105	241839	45.790	ng	96
24) Nitrobenzene	7.445	77	192461	41.583	ng	100
25) Isophorone	7.686	82	352634	43.734	ng	98
26) 2-Nitrophenol	7.763	139	100185	43.727	ng	98
27) 2,4-Dimethylphenol	7.798	122	165705	48.254	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	219762	43.646	ng	97
29) 2,4-Dichlorophenol	8.004	162	164288	41.508	ng	98
30) 1,2,4-Trichlorobenzene	8.086	180	172610	42.471	ng	98
31) Naphthalene	8.169	128	480415	41.021	ng	100
32) Benzoic acid	7.934	122	136113	54.073	ng	95
33) 4-Chloroaniline	8.216	127	108833	25.480	ng	99
34) Hexachlorobutadiene	8.281	225	121314	39.606	ng	99
35) Caprolactam	8.586	113	49749m	45.879	ng	
36) 4-Chloro-3-methylphenol	8.704	107	158168	44.590	ng	99
37) 2-Methylnaphthalene	8.857	142	302469	38.629	ng	99
38) 1-Methylnaphthalene	8.957	142	305263	40.404	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	200583	43.107	ng	99
41) Hexachlorocyclopentadiene	9.010	237	137468	76.850	ng	95
43) 2,4,6-Trichlorophenol	9.139	196	131316	41.464	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112025\
 Data File : BF144294.D
 Acq On : 20 Nov 2025 14:54
 Operator : RC/JU
 Sample : PB170652BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170652BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/21/2025
 Supervised By :mohammad ahmed 11/22/2025

Quant Time: Nov 20 15:14:00 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

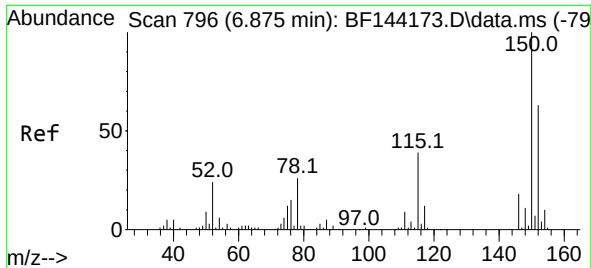
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	137392	40.252	ng	97
46) 1,1'-Biphenyl	9.322	154	441924	44.591	ng	99
47) 2-Chloronaphthalene	9.351	162	339272	40.132	ng	100
48) 2-Nitroaniline	9.451	65	105693	43.331	ng	93
49) Acenaphthylene	9.769	152	526854	45.732	ng	100
50) Dimethylphthalate	9.627	163	409781	43.566	ng	99
51) 2,6-Dinitrotoluene	9.692	165	87167	45.780	ng	97
52) Acenaphthene	9.939	154	292255	37.936	ng	97
53) 3-Nitroaniline	9.863	138	67579	32.468	ng	92
54) 2,4-Dinitrophenol	9.975	184	102093	88.794	ng	98
55) Dibenzofuran	10.110	168	439203	40.706	ng	99
56) 4-Nitrophenol	10.027	139	111351	73.956	ng	93
57) 2,4-Dinitrotoluene	10.098	165	113470	44.516	ng	97
58) Fluorene	10.457	166	341198	41.592	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	103545	42.877	ng	98
60) Diethylphthalate	10.327	149	379201	43.733	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	188134	40.261	ng	97
62) 4-Nitroaniline	10.475	138	76947	38.819	ng	98
63) Azobenzene	10.604	77	350397	43.421	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	69379	44.883	ng	98
66) n-Nitrosodiphenylamine	10.563	169	336413	45.969	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	127623	43.942	ng	98
68) Hexachlorobenzene	11.004	284	151729	44.353	ng	95
69) Atrazine	11.092	200	108180	46.481	ng	98
70) Pentachlorophenol	11.204	266	149378	87.689	ng	98
71) Phenanthrene	11.422	178	485489	42.854	ng	99
72) Anthracene	11.469	178	489461	42.490	ng	100
73) Carbazole	11.627	167	405763	41.423	ng	99
74) Di-n-butylphthalate	11.951	149	534760	45.159	ng	99
75) Fluoranthene	12.610	202	468147	40.003	ng	99
77) Benzidine	12.733	184	83173	19.632	ng	100
78) Pyrene	12.839	202	467640	40.494	ng	99
80) Butylbenzylphthalate	13.457	149	174061	43.487	ng	96
81) Benzo(a)anthracene	14.033	228	436153	43.936	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	119842	35.220	ng	98
83) Chrysene	14.068	228	397839	43.414	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	235548	42.989	ng	99
85) Di-n-octyl phthalate	14.627	149	418406	44.259	ng	100
87) Indeno(1,2,3-cd)pyrene	17.021	276	462565	40.010	ng	98
88) Benzo(b)fluoranthene	15.086	252	497365	54.320	ng	99
89) Benzo(k)fluoranthene	15.115	252	412357	48.115	ng	99
90) Benzo(a)pyrene	15.457	252	424368	50.239	ng	97
91) Dibenzo(a,h)anthracene	17.033	278	383984	41.356	ng	99
92) Benzo(g,h,i)perylene	17.474	276	361752	39.454	ng	100

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

Manual Integrations APPROVED

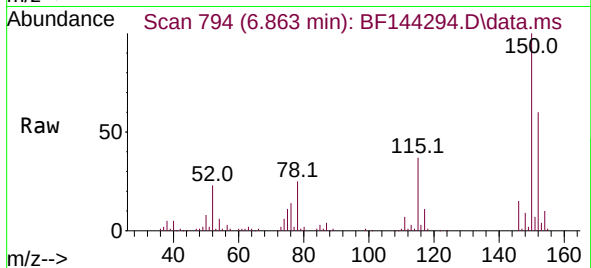
Quant Time: Nov 20 15:14:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: BF144294.D
 Acq: 20 Nov 2025 14:54

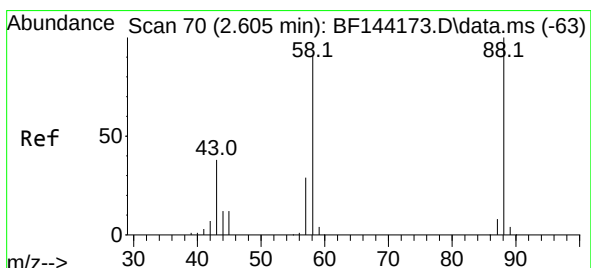
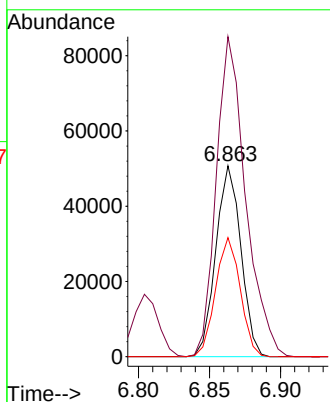
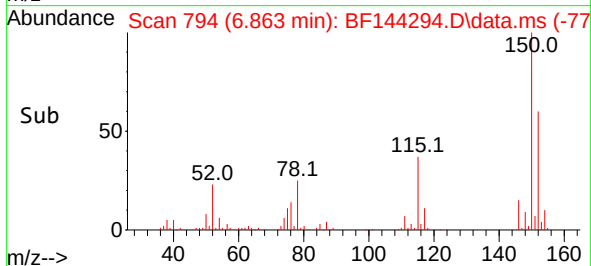
Instrument :
 BNA_F
 ClientSampleId :
 PB170652BS



Tgt Ion:152 Resp: 62374
 Ion Ratio Lower Upper
 152 100
 150 167.8 127.4 191.0
 115 62.4 49.5 74.3

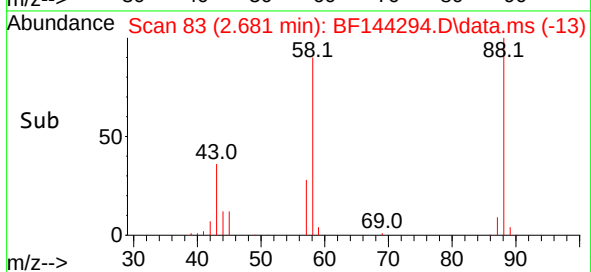
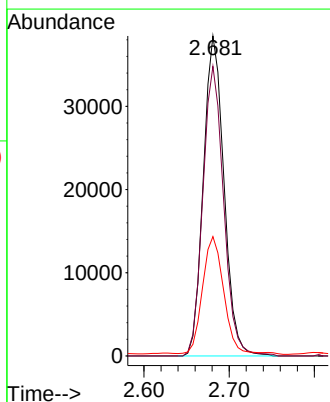
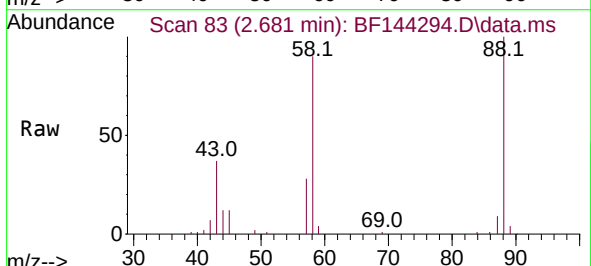
Manual Integrations
 APPROVED

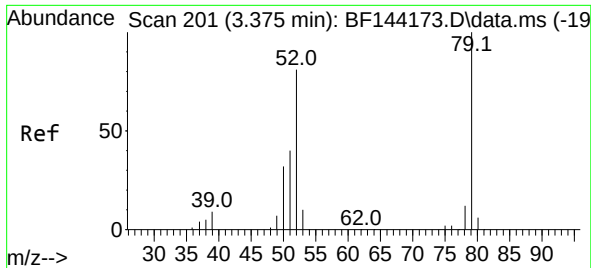
Reviewed By :Jagrut Upadhyay 11/21/2025
 Supervised By :mohammad ahmed 11/22/2025



#2
 1,4-Dioxane
 Concen: 39.187 ng
 RT: 2.681 min Scan# 83
 Delta R.T. 0.065 min
 Lab File: BF144294.D
 Acq: 20 Nov 2025 14:54

Tgt Ion: 88 Resp: 64576
 Ion Ratio Lower Upper
 88 100
 58 91.2 73.1 109.7
 43 38.6 31.0 46.6





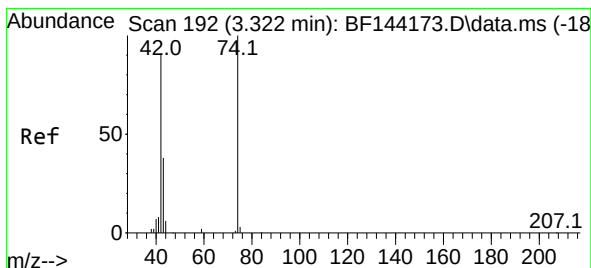
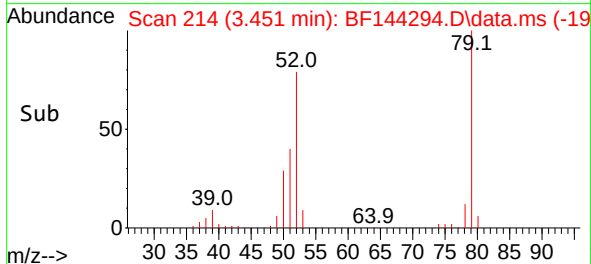
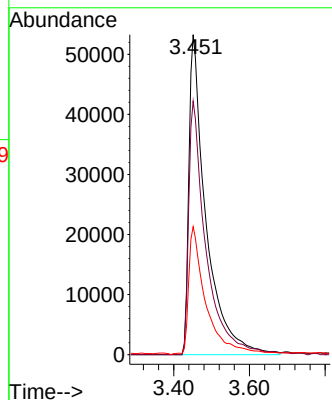
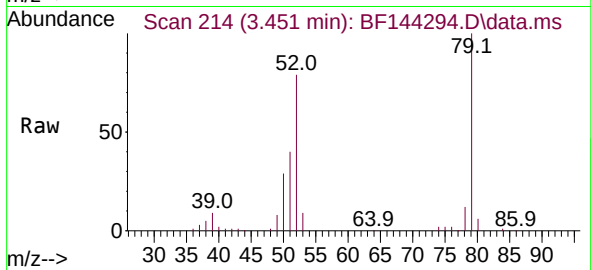
#3
Pyridine
Concen: 36.140 ng
RT: 3.451 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

Instrument :
BNA_F
ClientSampleId :
PB170652BS

Tgt Ion: 79 Resp: 166149
Ion Ratio Lower Upper
79 100
52 79.2 64.5 96.7
51 40.0 31.7 47.5

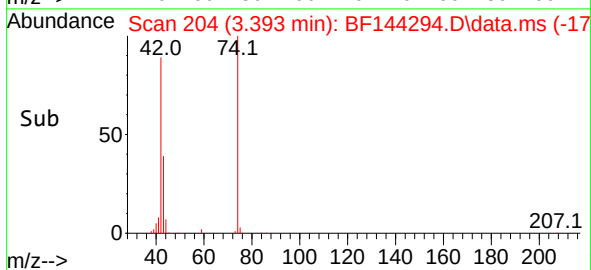
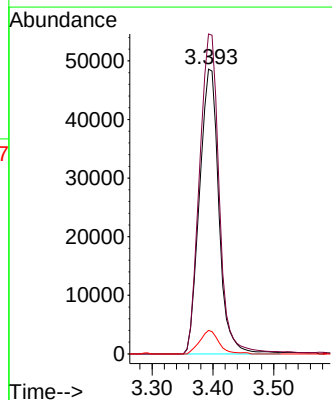
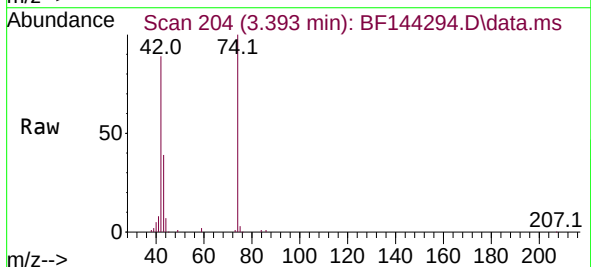
Manual Integrations
APPROVED

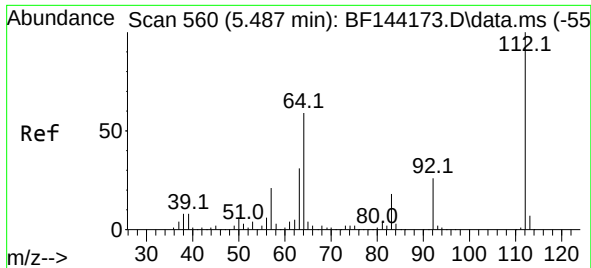
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#4
n-Nitrosodimethylamine
Concen: 44.716 ng
RT: 3.393 min Scan# 204
Delta R.T. 0.047 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

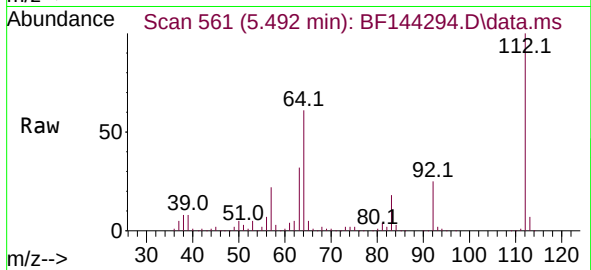
Tgt Ion: 42 Resp: 107382
Ion Ratio Lower Upper
42 100
74 112.4 88.2 132.4
44 8.2 5.7 8.5





#5
2-Fluorophenol
Concen: 114.303 ng
RT: 5.492 min Scan# 50
Delta R.T. -0.000 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

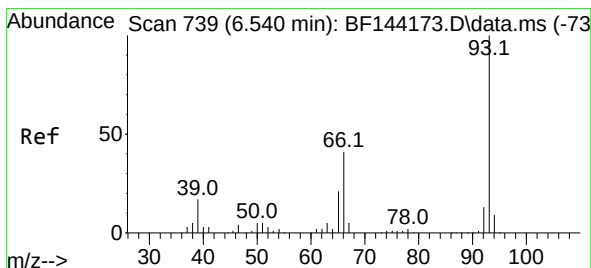
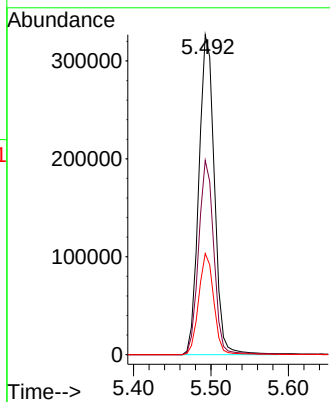
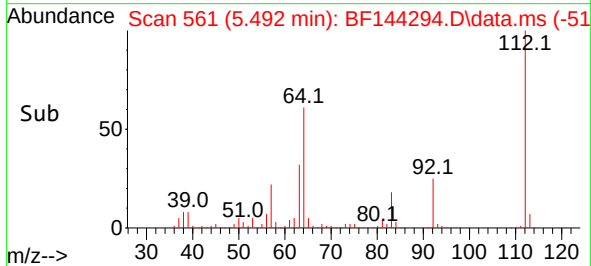
Instrument :
BNA_F
ClientSampleId :
PB170652BS



Tgt Ion:112 Resp: 455598
Ion Ratio Lower Upper
112 100
64 60.7 47.2 70.8
63 31.6 24.4 36.6

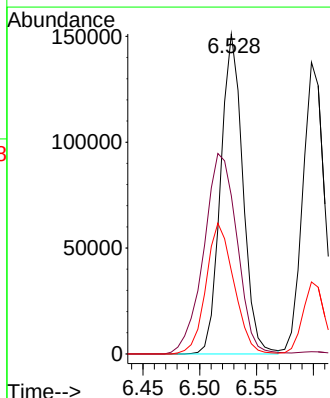
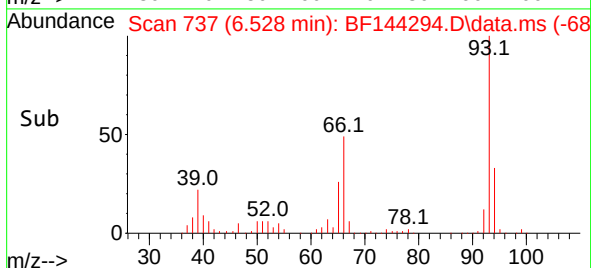
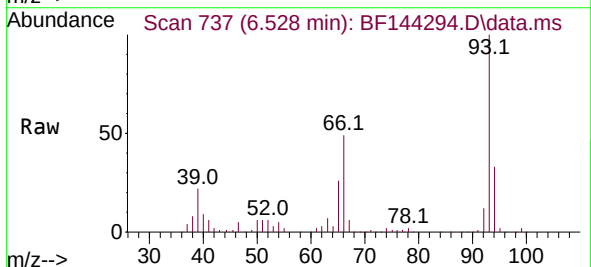
Manual Integrations
APPROVED

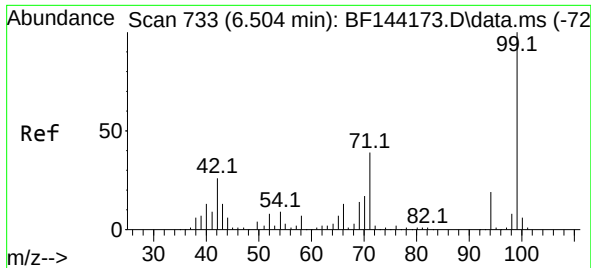
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#6
Aniline
Concen: 31.948 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

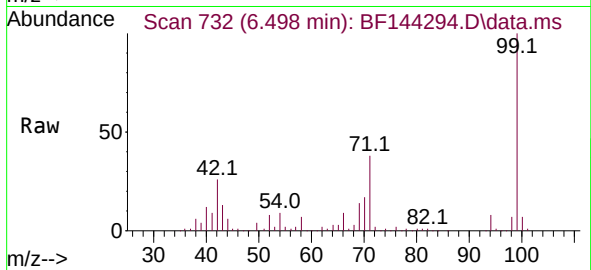
Tgt Ion: 93 Resp: 205572
Ion Ratio Lower Upper
93 100
66 49.4 34.3 51.5
65 26.0 16.9 25.3





#7
Phenol-d6
Concen: 116.494 ng
RT: 6.498 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

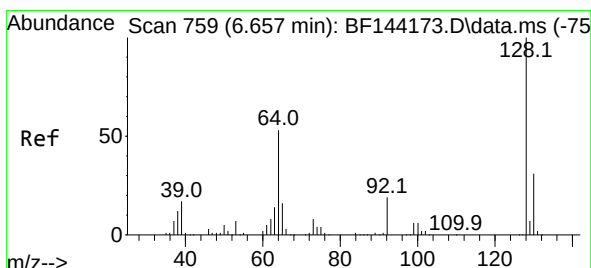
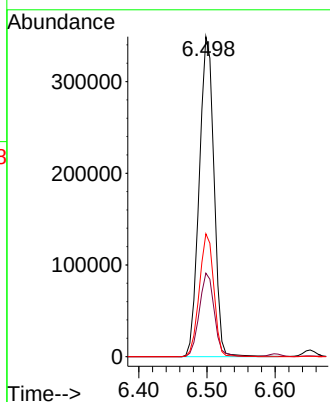
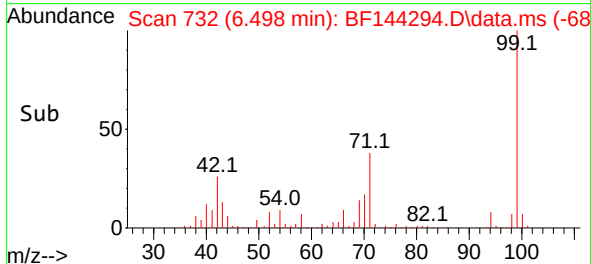
Instrument :
BNA_F
ClientSampleId :
PB170652BS



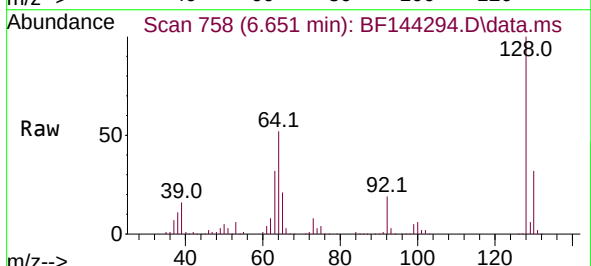
Tgt Ion: 99 Resp: 526124
Ion Ratio Lower Upper
99 100
42 26.1 20.9 31.3
71 38.4 31.4 47.2

Manual Integrations
APPROVED

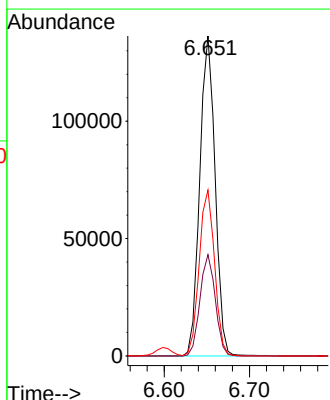
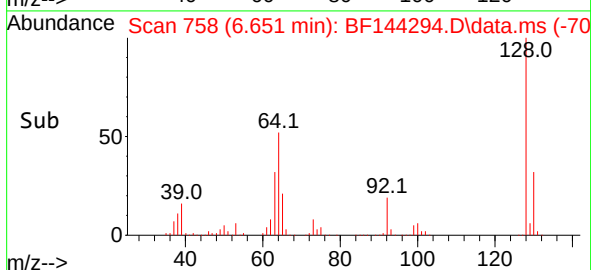
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

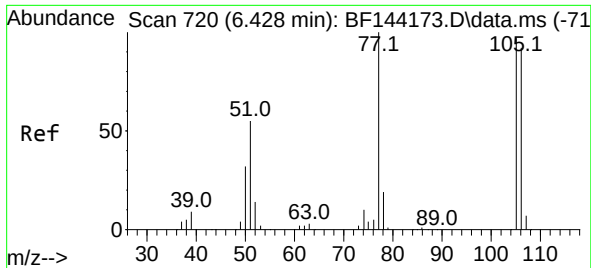


#8
2-Chlorophenol
Concen: 43.572 ng
RT: 6.651 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54



Tgt Ion:128 Resp: 170318
Ion Ratio Lower Upper
128 100
130 31.6 10.5 50.5
64 51.8 33.2 73.2





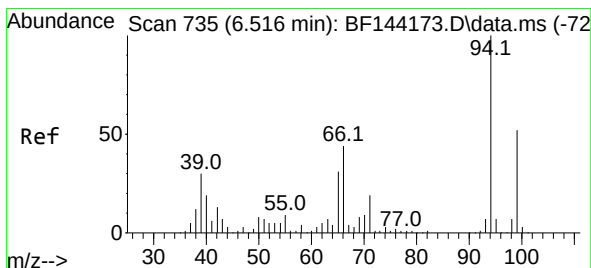
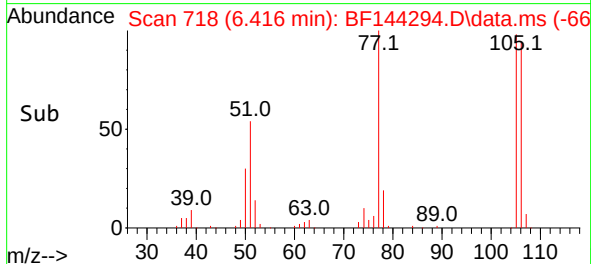
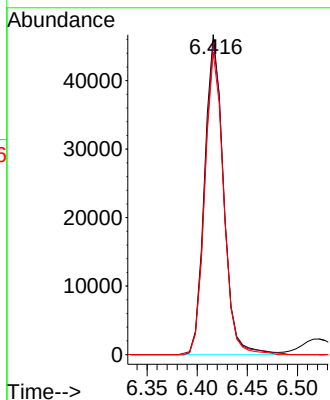
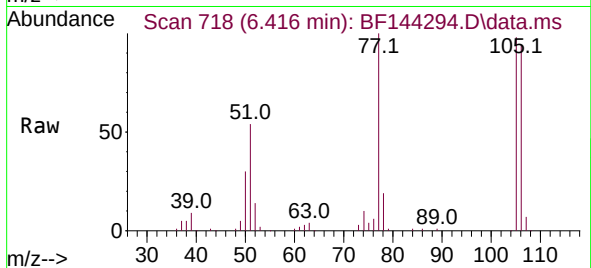
#9
Benzaldehyde
Concen: 23.934 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

Instrument :
BNA_F
ClientSampleId :
PB170652BS

Tgt Ion: 77 Resp: 61039
Ion Ratio Lower Upper
77 100
105 97.5 77.2 117.2
106 94.5 72.2 112.2

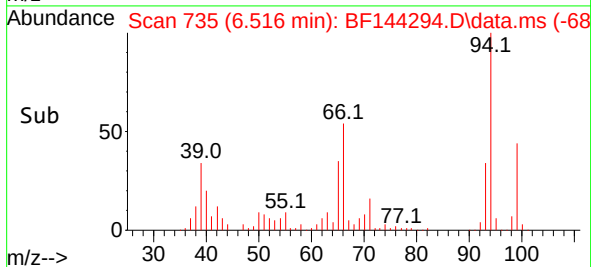
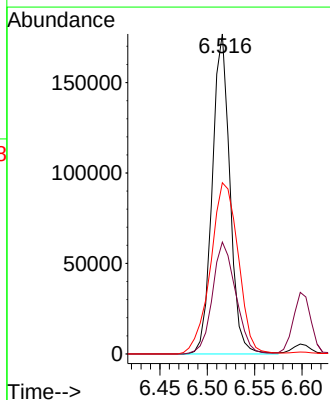
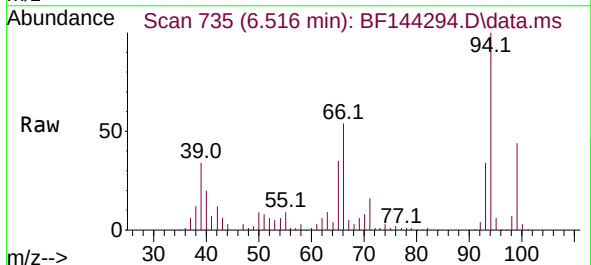
Manual Integrations
APPROVED

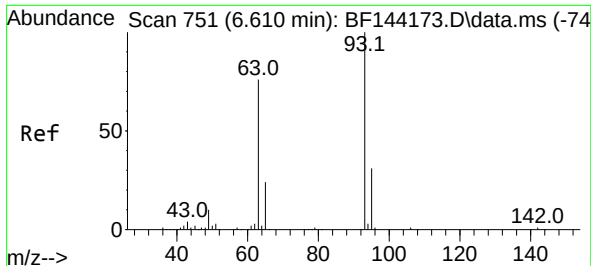
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#10
Phenol
Concen: 41.534 ng
RT: 6.516 min Scan# 735
Delta R.T. 0.006 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

Tgt Ion: 94 Resp: 229187
Ion Ratio Lower Upper
94 100
65 34.9 10.8 50.8
66 53.5 24.3 64.3





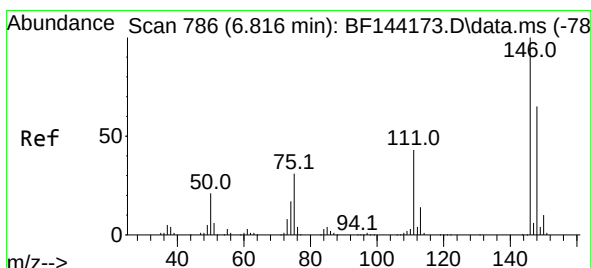
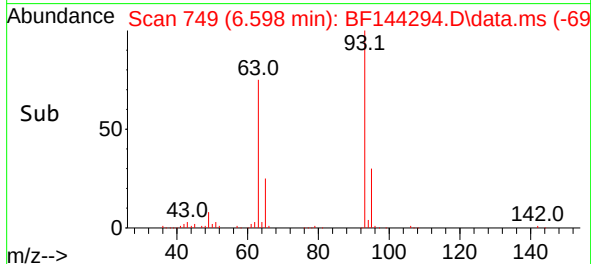
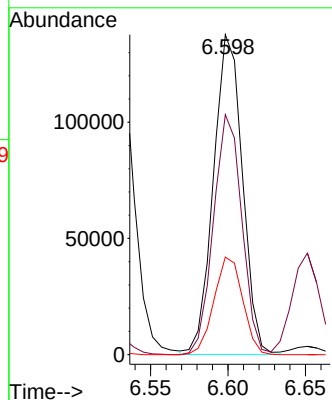
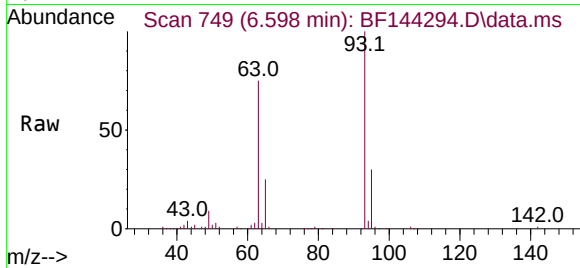
#11
bis(2-Chloroethyl)ether
Concen: 44.583 ng
RT: 6.598 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

Instrument :
BNA_F
ClientSampleId :
PB170652BS

Tgt Ion: 93 Resp: 179256
Ion Ratio Lower Upper
93 100
63 75.0 55.2 95.2
95 30.5 11.2 51.2

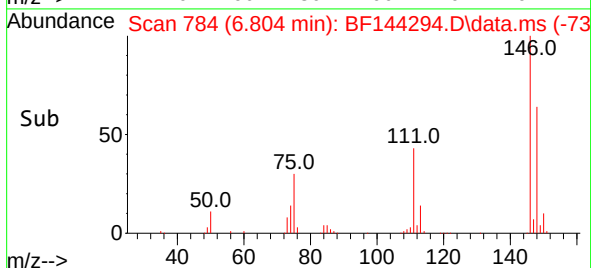
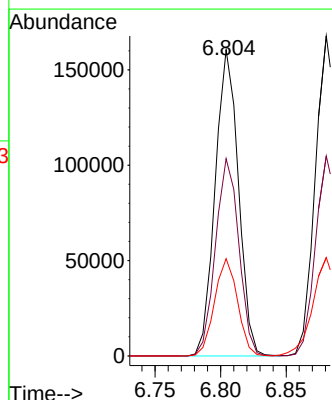
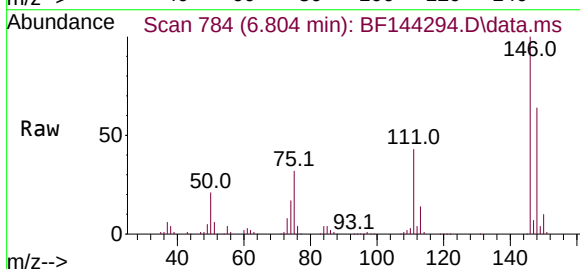
Manual Integrations
APPROVED

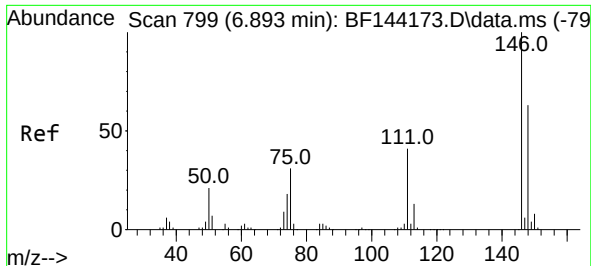
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#12
1,3-Dichlorobenzene
Concen: 41.090 ng
RT: 6.804 min Scan# 784
Delta R.T. -0.012 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

Tgt Ion:146 Resp: 198194
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.8
75 31.7 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 42.708 ng

RT: 6.881 min Scan# 799

Delta R.T. -0.012 min

Lab File: BF144294.D

Acq: 20 Nov 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB170652BS

Tgt Ion:146 Resp: 20638

Ion Ratio Lower Upper

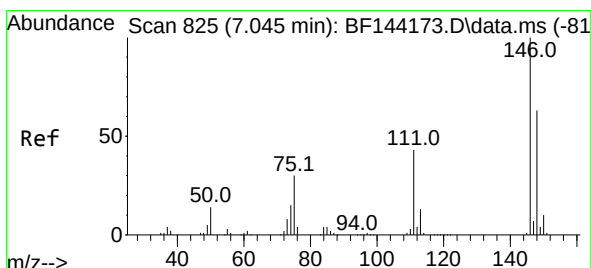
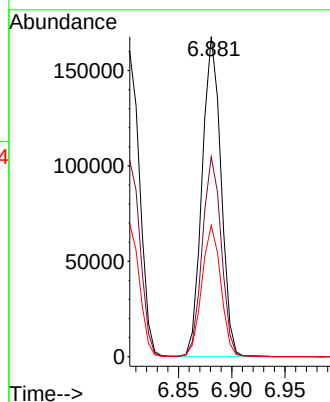
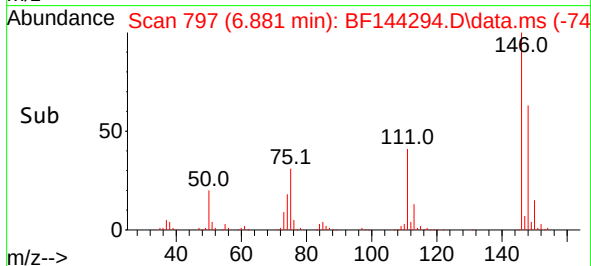
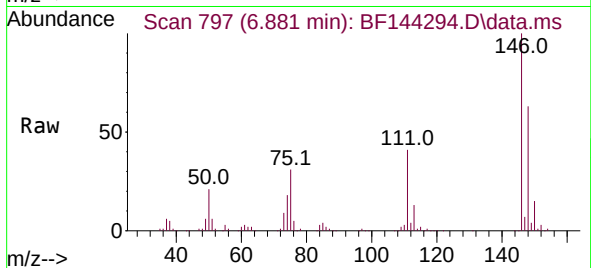
146 100

148 62.5 50.2 75.2

111 41.0 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

#14

1,2-Dichlorobenzene

Concen: 43.748 ng

RT: 7.034 min Scan# 823

Delta R.T. -0.012 min

Lab File: BF144294.D

Acq: 20 Nov 2025 14:54

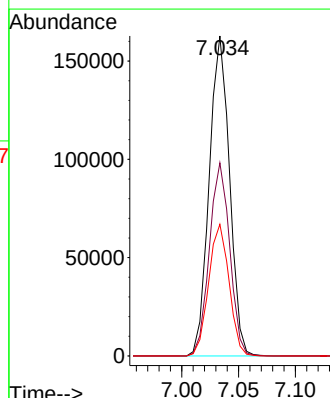
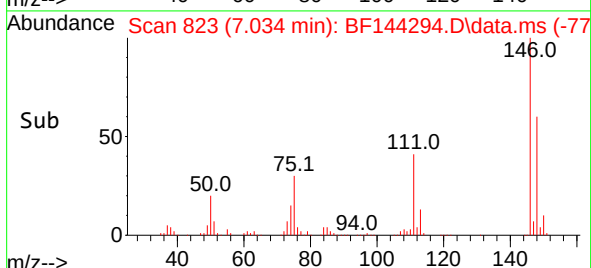
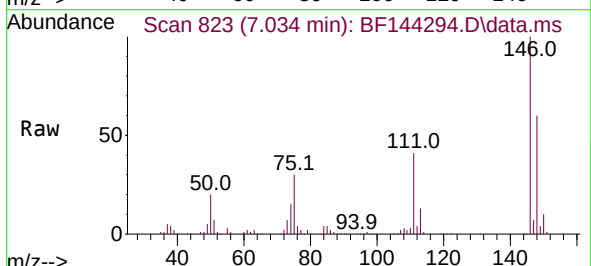
Tgt Ion:146 Resp: 202629

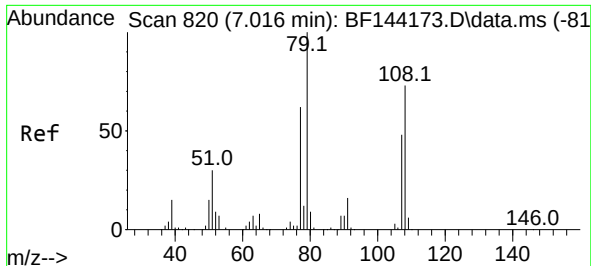
Ion Ratio Lower Upper

146 100

148 60.3 50.7 76.1

111 41.1 34.2 51.4





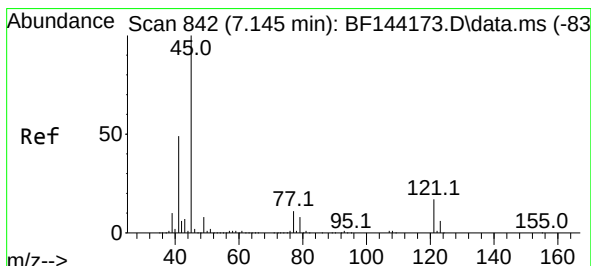
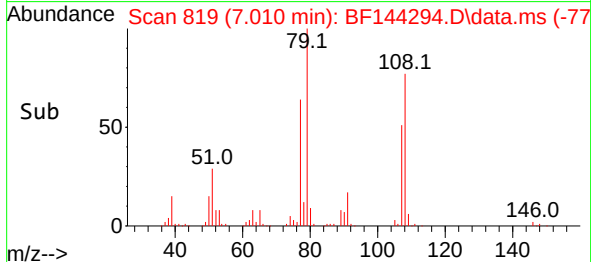
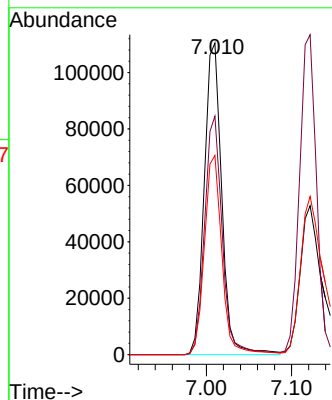
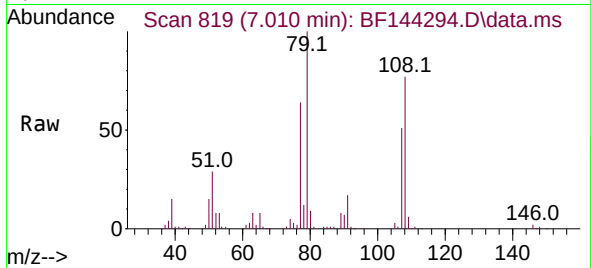
#15
Benzyl Alcohol
Concen: 43.977 ng
RT: 7.010 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

Instrument :
BNA_F
ClientSampleId :
PB170652BS

Tgt Ion: 79 Resp: 157270
Ion Ratio Lower Upper
79 100
108 76.5 58.2 87.4
77 63.9 49.9 74.9

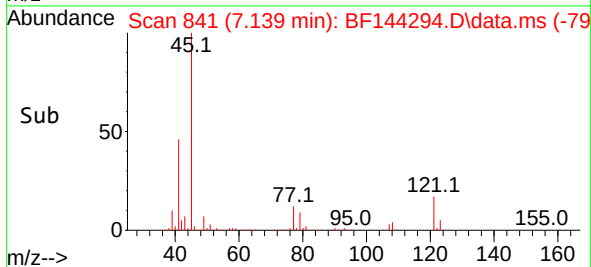
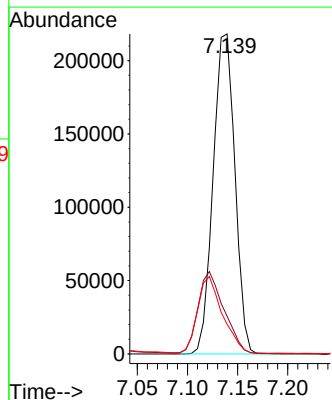
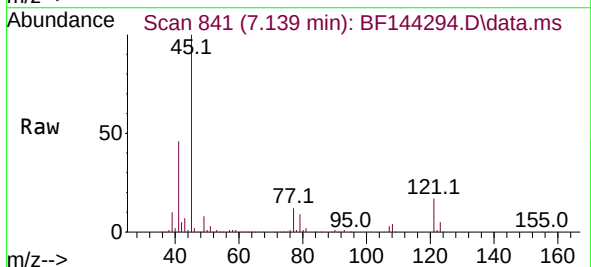
Manual Integrations
APPROVED

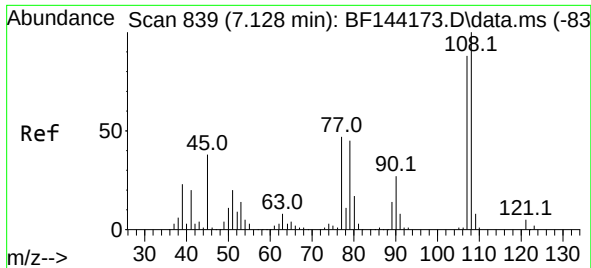
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.505 ng
RT: 7.139 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

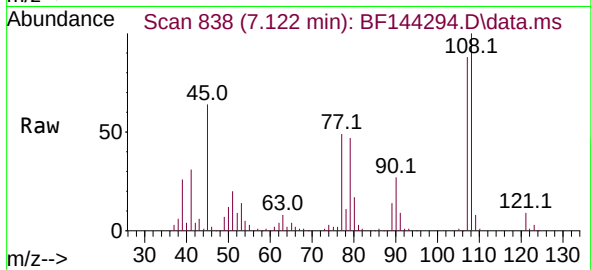
Tgt Ion: 45 Resp: 329524
Ion Ratio Lower Upper
45 100
77 11.8 0.0 31.8
79 9.3 0.0 29.1





#17
2-Methylphenol
Concen: 44.316 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

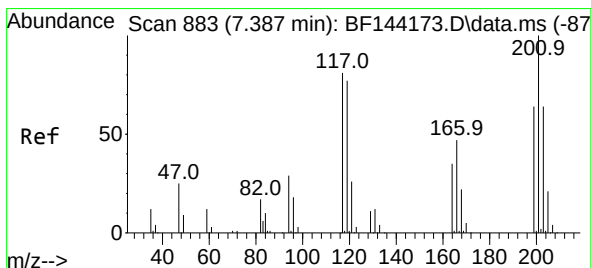
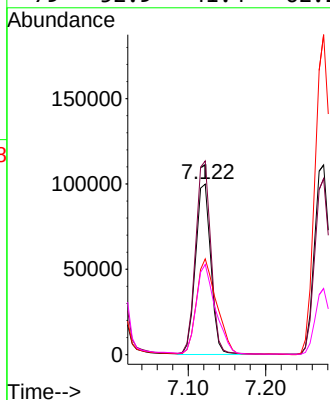
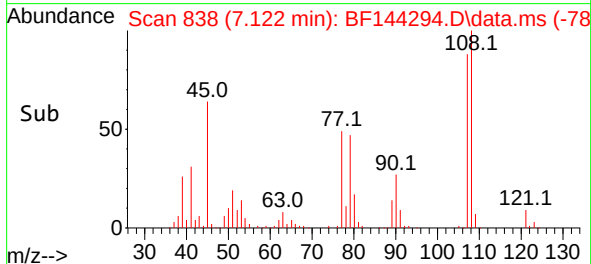
Instrument :
BNA_F
ClientSampleId :
PB170652BS



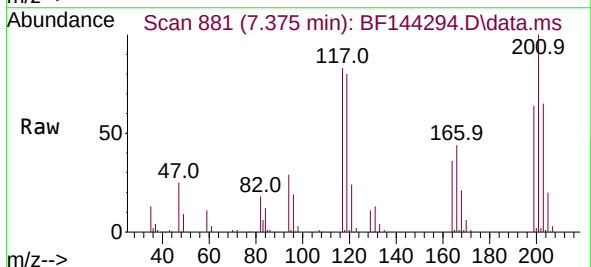
Tgt Ion:107 Resp: 13780
Ion Ratio Lower Upper
107 100
108 113.6 91.0 136.4
77 56.2 42.7 64.1
79 52.9 41.4 62.2

Manual Integrations
APPROVED

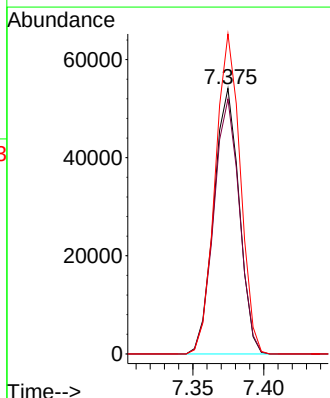
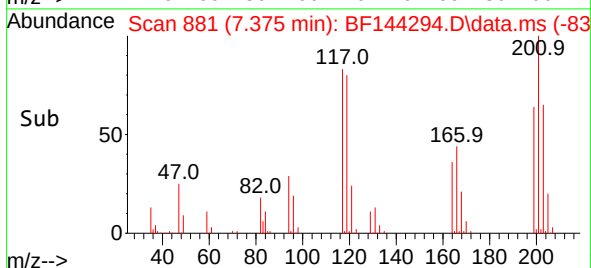
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

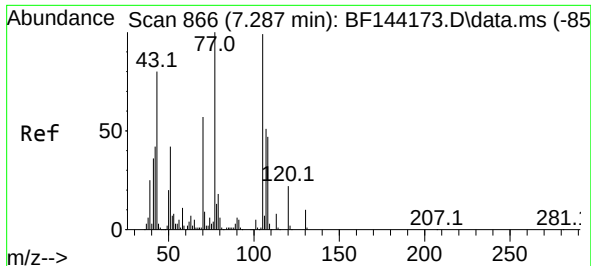


#18
Hexachloroethane
Concen: 41.832 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54



Tgt Ion:117 Resp: 67159
Ion Ratio Lower Upper
117 100
119 95.9 75.8 113.8
201 120.5 98.9 148.3





#19

n-Nitroso-di-n-propylamine

Concen: 42.730 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.000 min

Lab File: BF144294.D

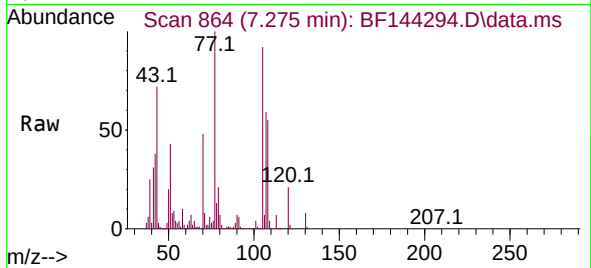
Acq: 20 Nov 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB170652BS



Tgt Ion: 70 Resp: 127040

Ion Ratio Lower Upper

70 100

42 78.3 58.3 87.5

101 9.0 7.0 10.6

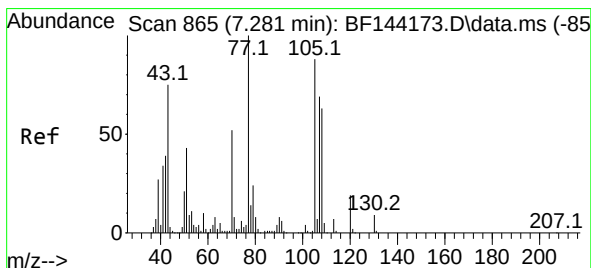
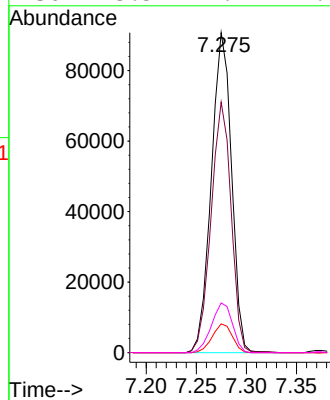
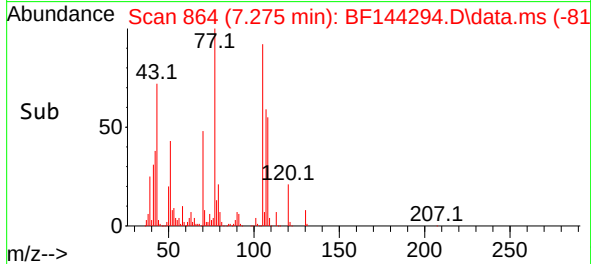
130 15.5 14.4 21.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/21/2025

Supervised By :mohammad ahmed 11/22/2025



#20

3+4-Methylphenols

Concen: 42.182 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.012 min

Lab File: BF144294.D

Acq: 20 Nov 2025 14:54

Tgt Ion:107 Resp: 154629

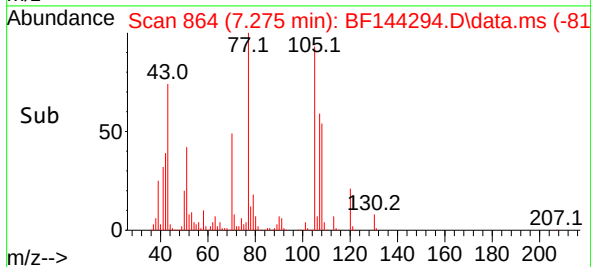
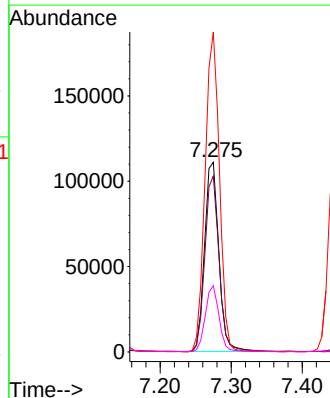
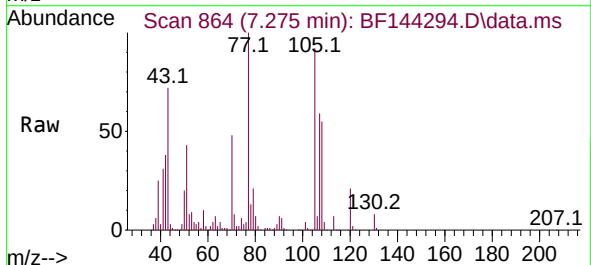
Ion Ratio Lower Upper

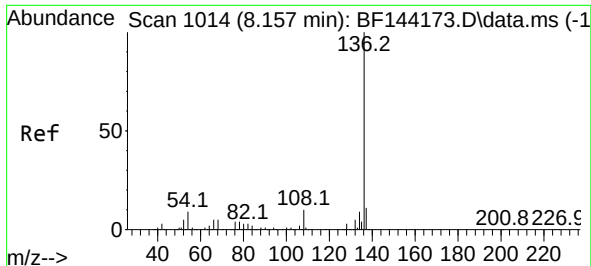
107 100

108 92.7 70.2 110.2

77 168.6 123.9 163.9#

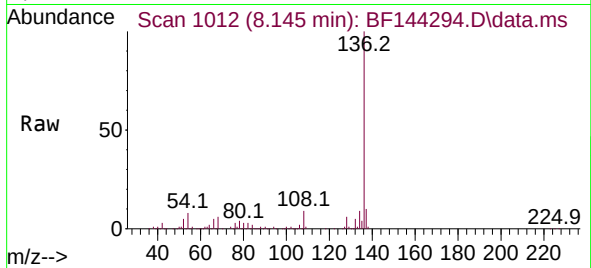
79 34.9 14.2 54.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

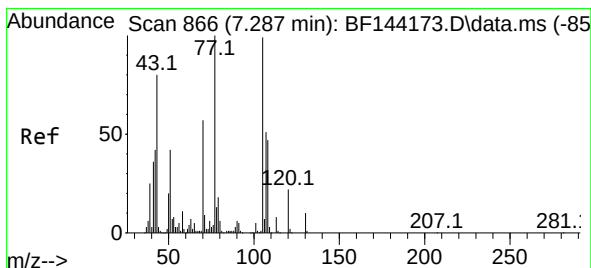
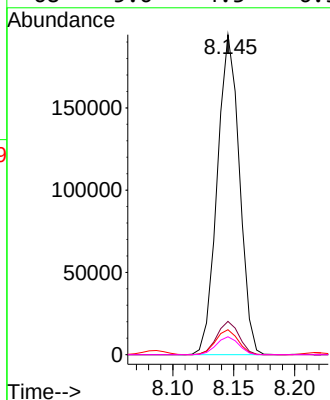
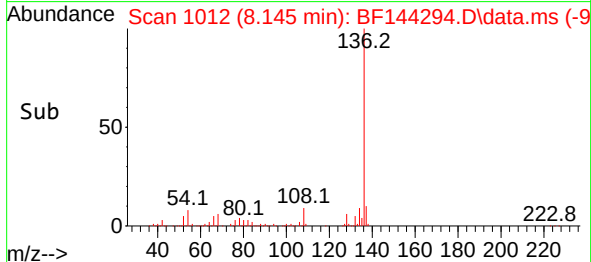
Instrument :
BNA_F
ClientSampleId :
PB170652BS



Tgt Ion:136 Resp: 246197
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 7.8 7.0 10.6
68 5.6 4.3 6.5

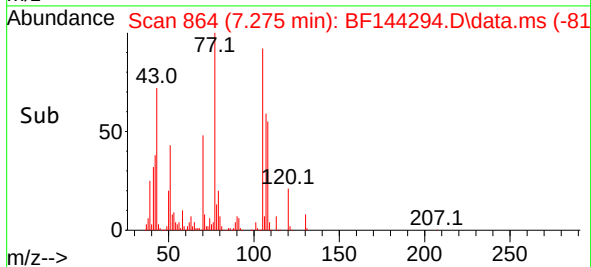
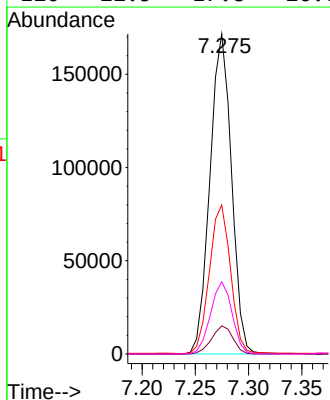
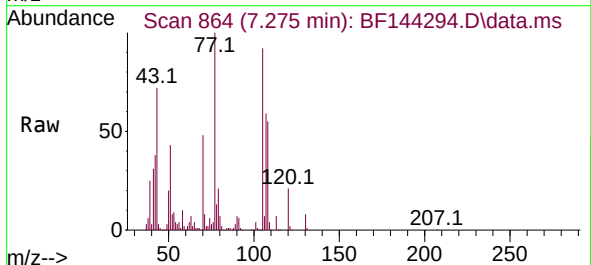
Manual Integrations
APPROVED

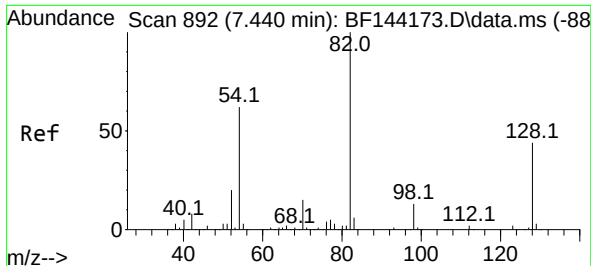
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#22
Acetophenone
Concen: 45.790 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

Tgt Ion:105 Resp: 241839
Ion Ratio Lower Upper
105 100
71 8.8 7.2 10.8
51 46.5 34.0 51.0
120 22.5 17.8 26.6





#23

Nitrobenzene-d5

Concen: 77.645 ng

RT: 7.428 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF144294.D

Acq: 20 Nov 2025 14:54

Instrument :

BNA_F

ClientSampleId :

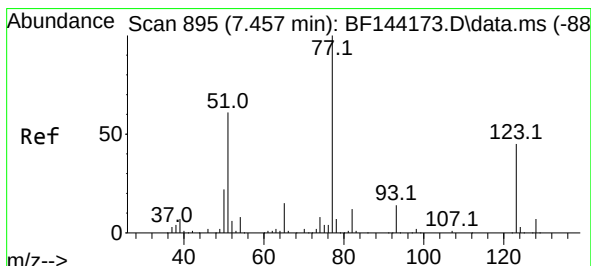
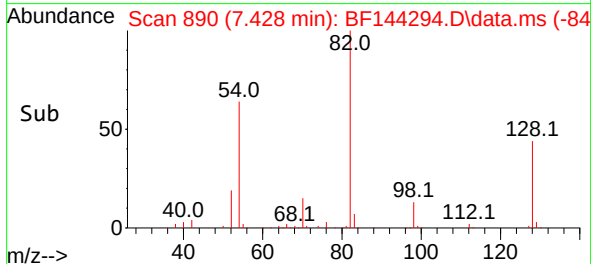
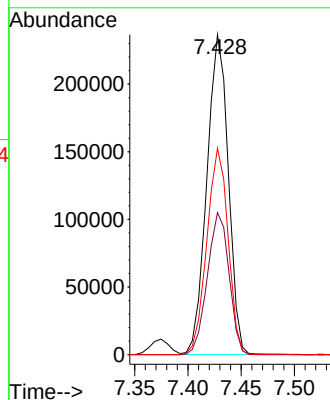
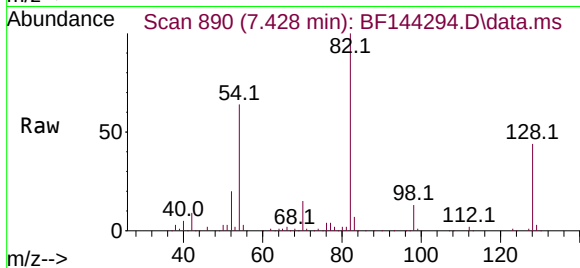
PB170652BS

Tgt Ion: 82 Resp: 330984
 Ion Ratio Lower Upper
 82 100
 128 44.4 34.7 52.1
 54 64.5 49.5 74.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/21/2025
 Supervised By :mohammad ahmed 11/22/2025



#24

Nitrobenzene

Concen: 41.583 ng

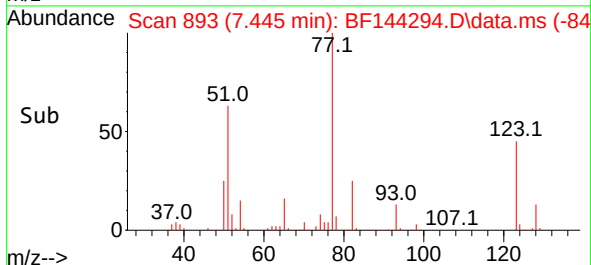
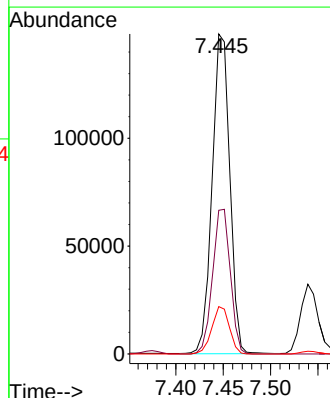
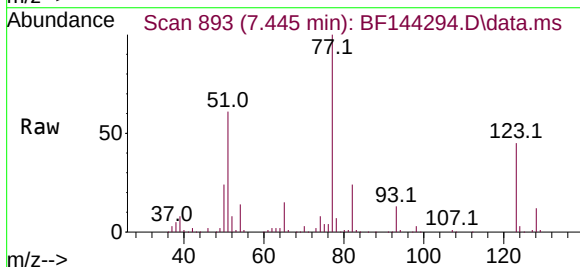
RT: 7.445 min Scan# 893

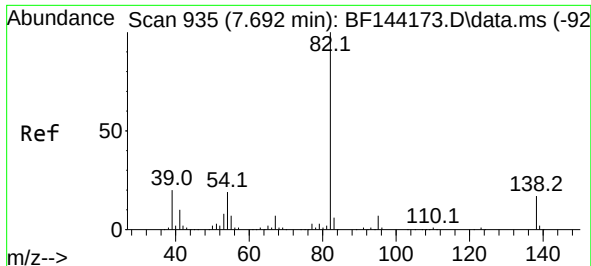
Delta R.T. -0.006 min

Lab File: BF144294.D

Acq: 20 Nov 2025 14:54

Tgt Ion: 77 Resp: 192461
 Ion Ratio Lower Upper
 77 100
 123 44.9 35.8 53.8
 65 14.8 12.2 18.2





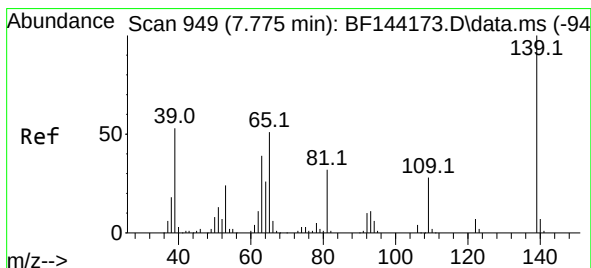
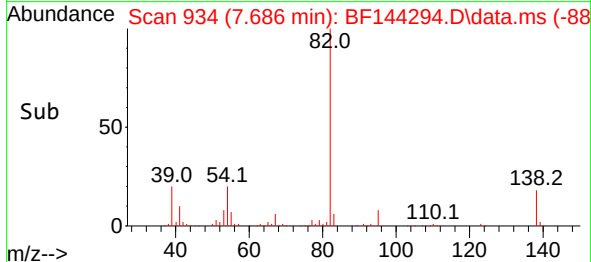
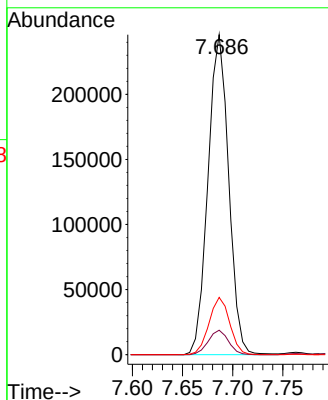
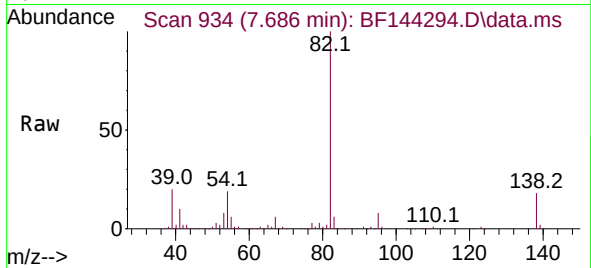
#25
Isophorone
Concen: 43.734 ng
RT: 7.686 min Scan# 935
Delta R.T. -0.000 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

Instrument :
BNA_F
ClientSampleId :
PB170652BS

Tgt Ion: 82 Resp: 352634
Ion Ratio Lower Upper
82 100
95 7.7 5.5 8.3
138 17.9 13.7 20.5

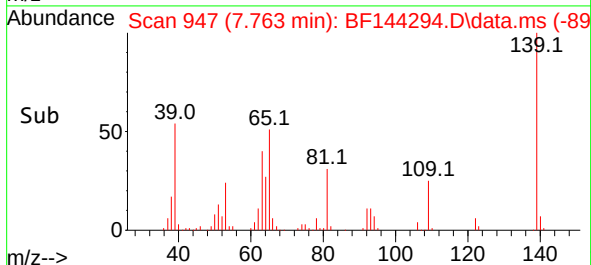
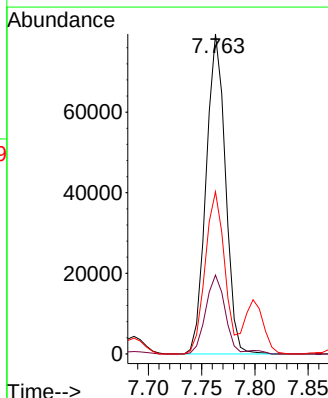
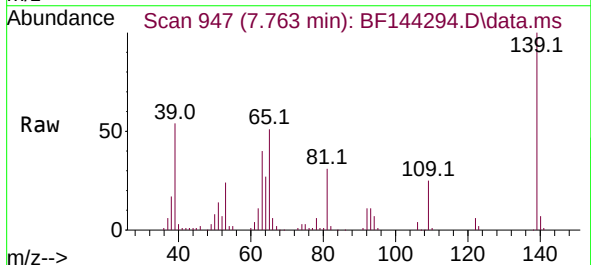
Manual Integrations
APPROVED

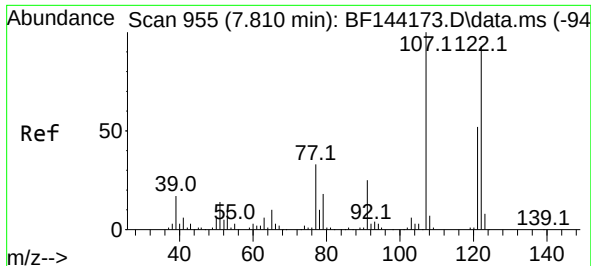
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#26
2-Nitrophenol
Concen: 43.727 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.012 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

Tgt Ion:139 Resp: 100185
Ion Ratio Lower Upper
139 100
109 24.6 22.2 33.2
65 50.7 40.7 61.1





#27
2,4-Dimethylphenol
Concen: 48.254 ng
RT: 7.798 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

Instrument :

BNA_F

ClientSampleId :

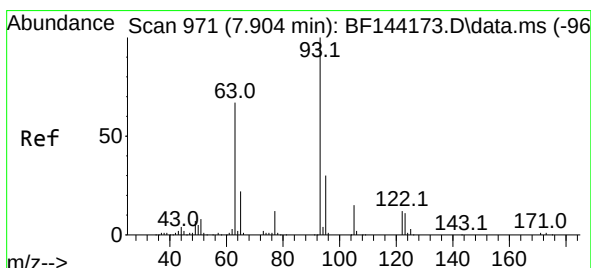
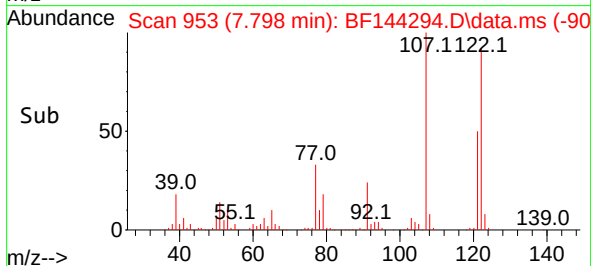
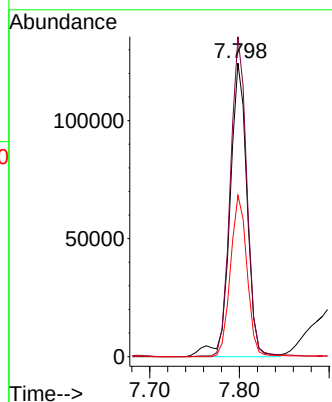
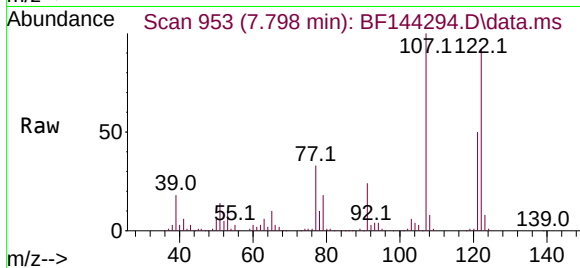
PB170652BS

Tgt Ion:122 Resp: 165705
Ion Ratio Lower Upper
122 100
107 109.0 86.2 129.4
121 54.9 44.6 66.8

Manual Integrations

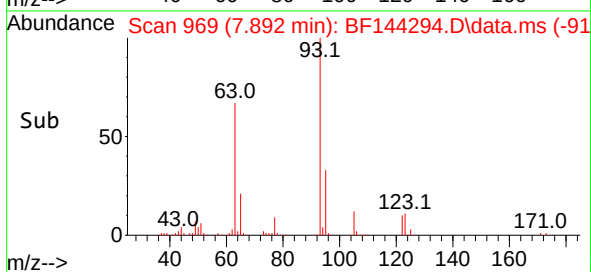
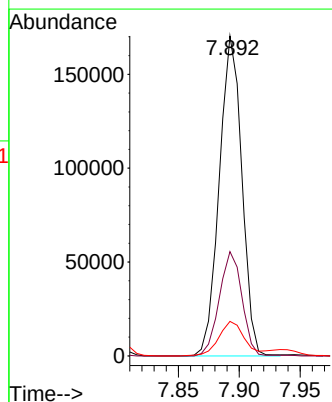
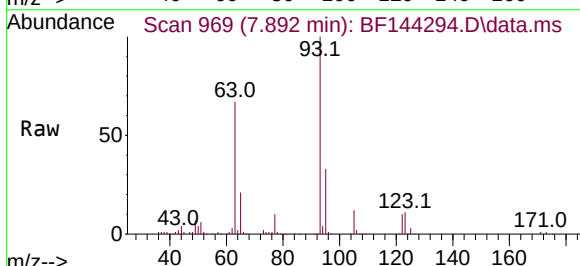
APPROVED

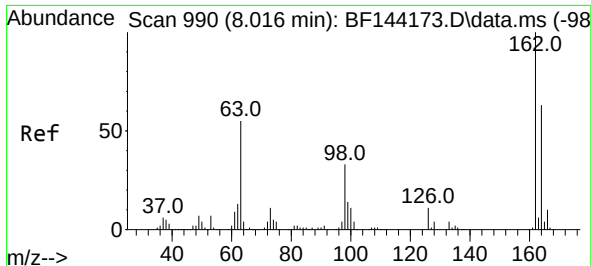
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#28
bis(2-Chloroethoxy)methane
Concen: 43.646 ng
RT: 7.892 min Scan# 969
Delta R.T. -0.006 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

Tgt Ion: 93 Resp: 219762
Ion Ratio Lower Upper
93 100
95 32.6 24.2 36.4
123 10.8 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 41.508 ng

RT: 8.004 min Scan# 98

Delta R.T. -0.012 min

Lab File: BF144294.D

Acq: 20 Nov 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB170652BS

Tgt Ion:162 Resp: 164288

Ion Ratio Lower Upper

162 100

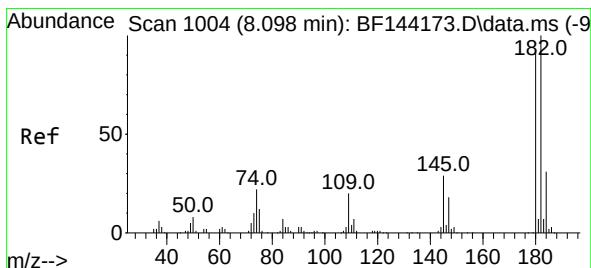
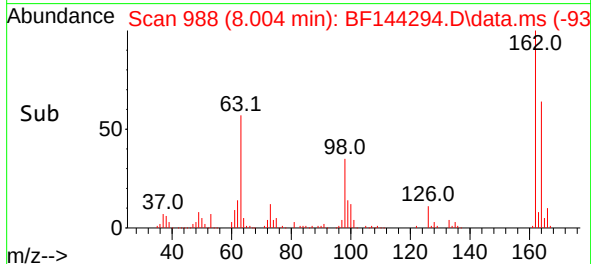
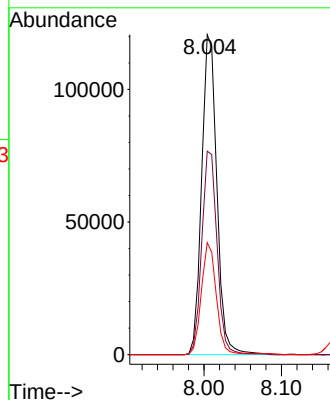
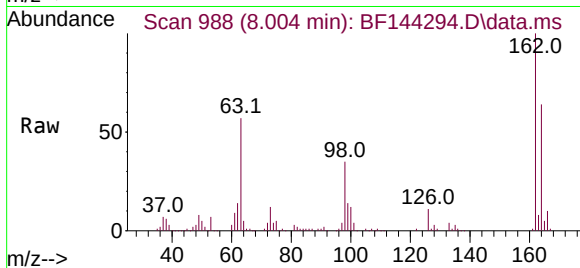
164 63.6 42.9 82.9

98 35.0 13.3 53.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#30

1,2,4-Trichlorobenzene

Concen: 42.471 ng

RT: 8.086 min Scan# 1002

Delta R.T. -0.012 min

Lab File: BF144294.D

Acq: 20 Nov 2025 14:54

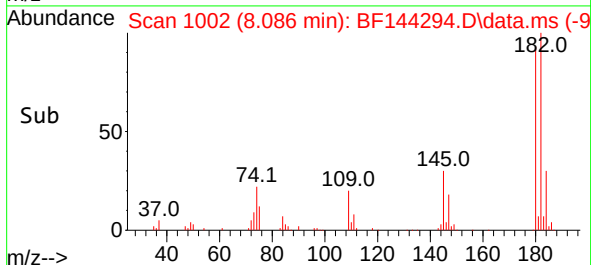
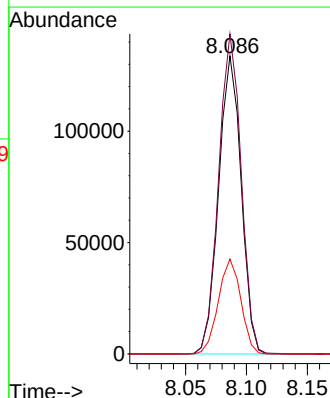
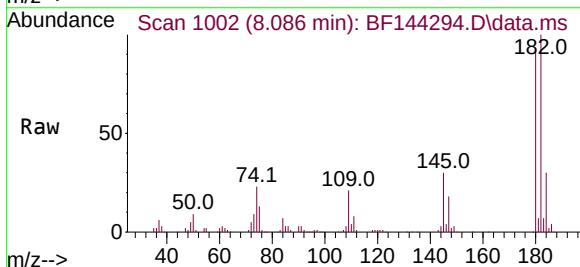
Tgt Ion:180 Resp: 172610

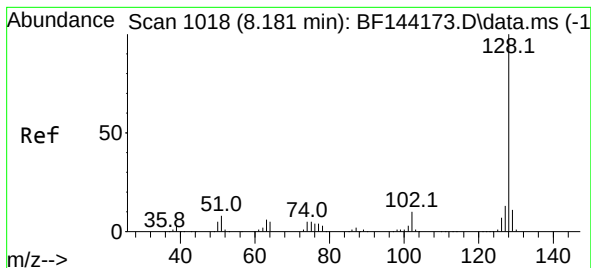
Ion Ratio Lower Upper

180 100

182 107.4 87.7 131.5

145 31.8 25.4 38.0





#31

Naphthalene

Concen: 41.021 ng

RT: 8.169 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF144294.D

Acq: 20 Nov 2025 14:54

Instrument :

BNA_F

ClientSampleId :

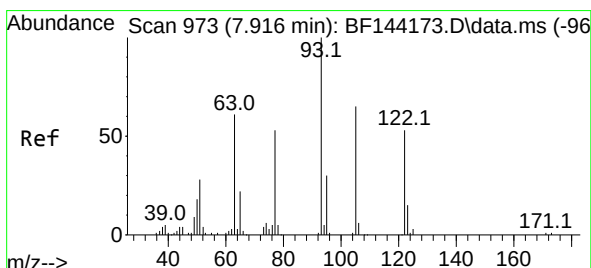
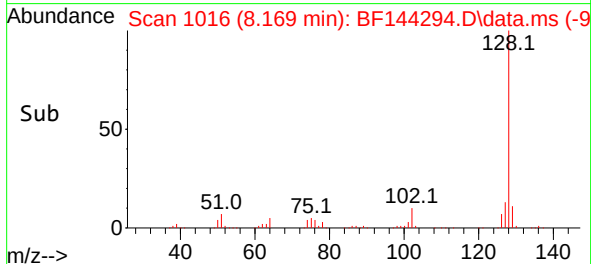
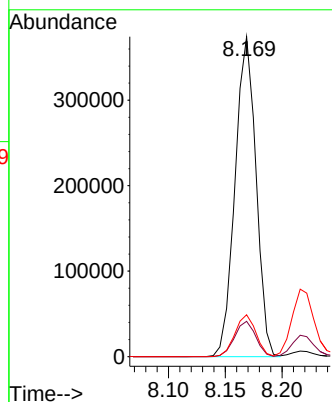
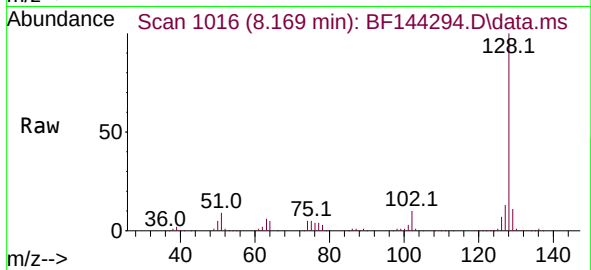
PB170652BS

Tgt Ion:128 Resp: 480415
 Ion Ratio Lower Upper
 128 100
 129 11.0 8.9 13.3
 127 13.1 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/21/2025
 Supervised By :mohammad ahmed 11/22/2025



#32

Benzoic acid

Concen: 54.073 ng

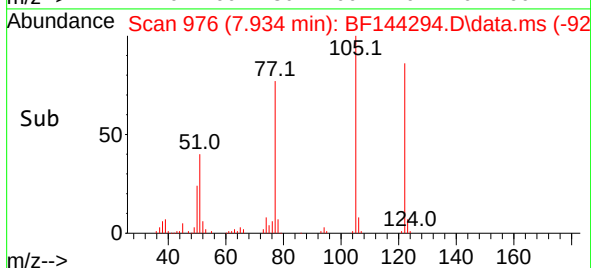
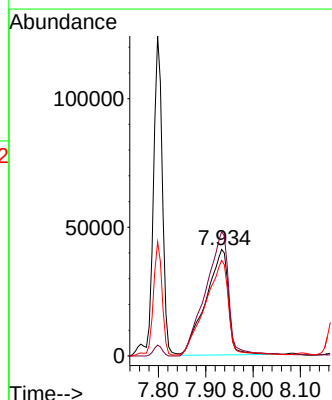
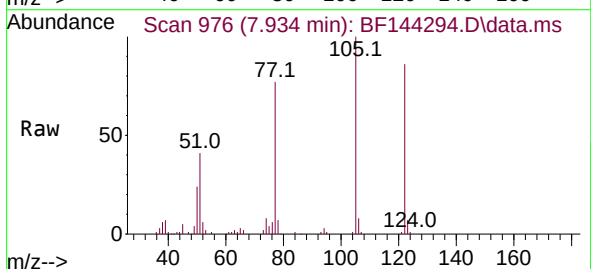
RT: 7.934 min Scan# 976

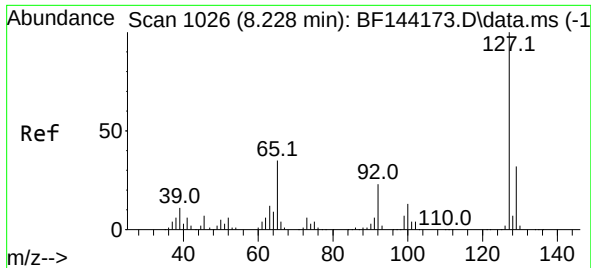
Delta R.T. -0.018 min

Lab File: BF144294.D

Acq: 20 Nov 2025 14:54

Tgt Ion:122 Resp: 136113
 Ion Ratio Lower Upper
 122 100
 105 116.8 99.9 139.9
 77 89.9 77.5 117.5





#33
4-Chloroaniline
Concen: 25.480 ng
RT: 8.216 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

Instrument :

BNA_F

ClientSampleId :

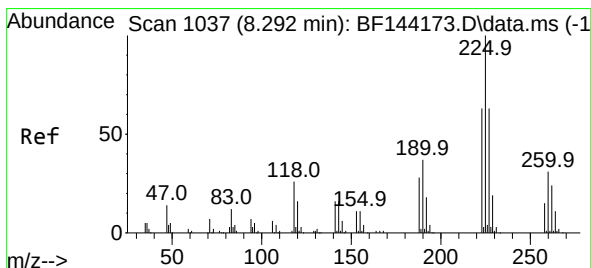
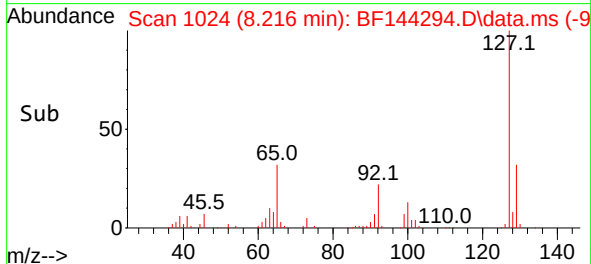
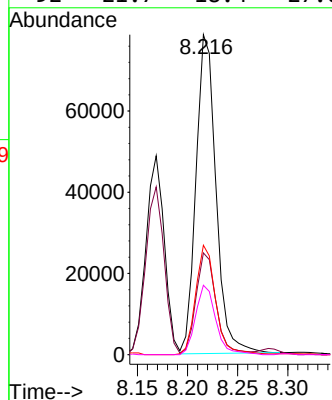
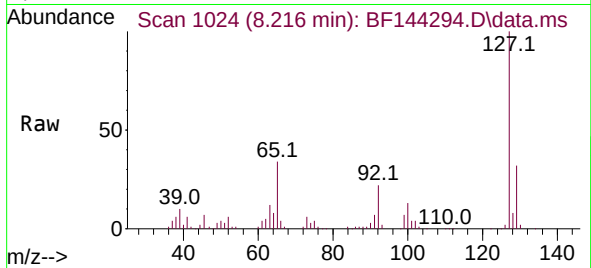
PB170652BS

Tgt Ion:127 Resp: 108833
Ion Ratio Lower Upper
127 100
129 31.8 25.3 37.9
65 34.2 27.6 41.4
92 21.7 18.4 27.6

Manual Integrations

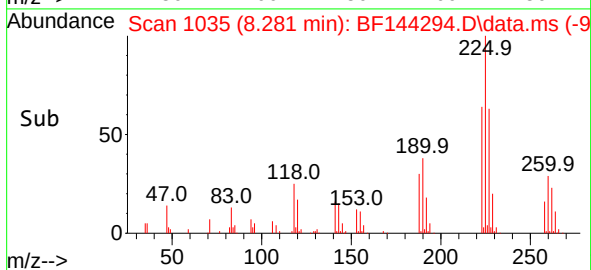
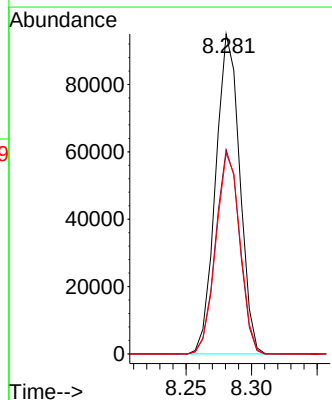
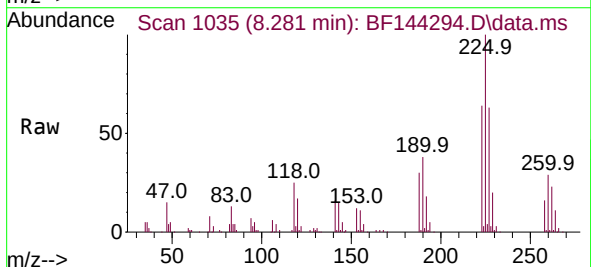
APPROVED

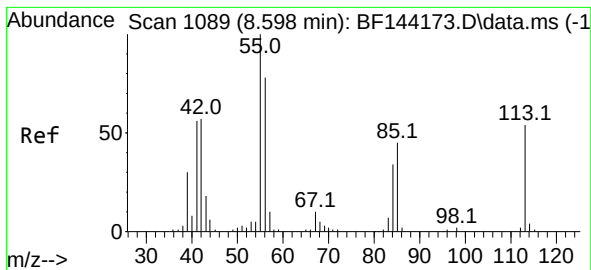
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#34
Hexachlorobutadiene
Concen: 39.606 ng
RT: 8.281 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

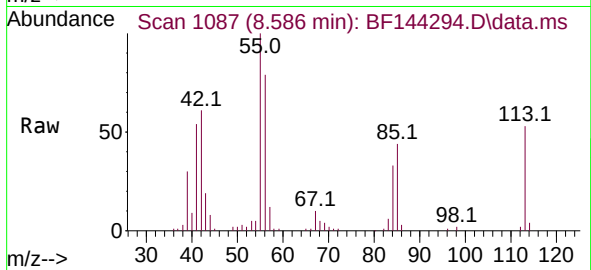
Tgt Ion:225 Resp: 121314
Ion Ratio Lower Upper
225 100
223 63.8 50.2 75.4
227 62.7 50.1 75.1





#35
Caprolactam
Concen: 45.879 ng m
RT: 8.586 min Scan# 1087
Delta R.T. -0.035 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

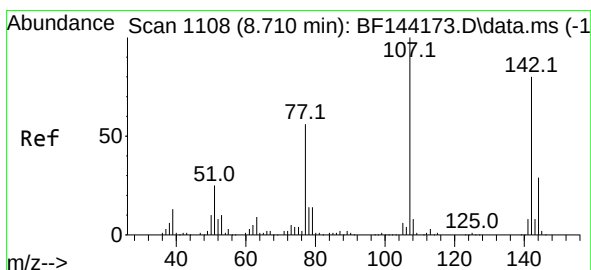
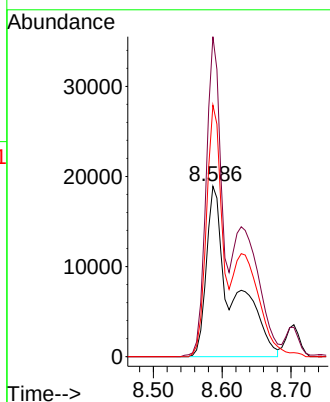
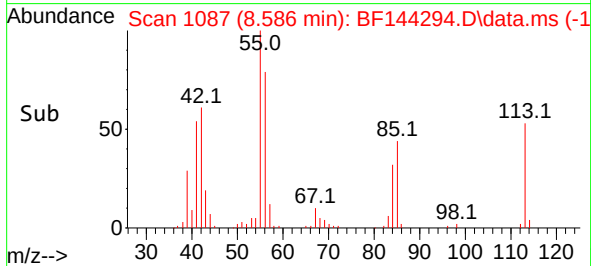
Instrument :
BNA_F
ClientSampleId :
PB170652BS



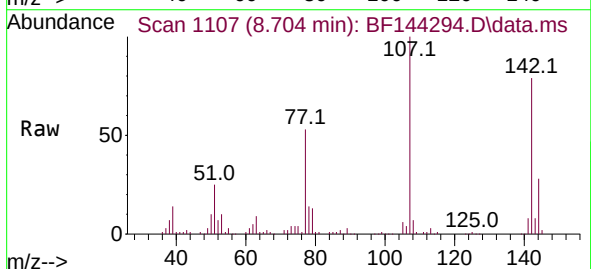
Tgt Ion:113 Resp: 49749
Ion Ratio Lower Upper
113 100
55 187.9 166.8 206.8
56 147.7 125.9 165.9

Manual Integrations
APPROVED

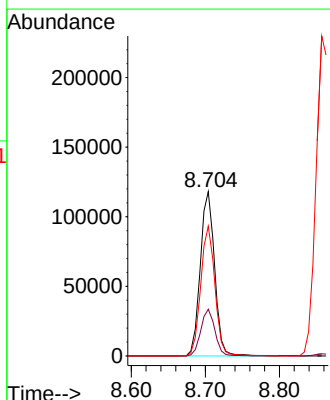
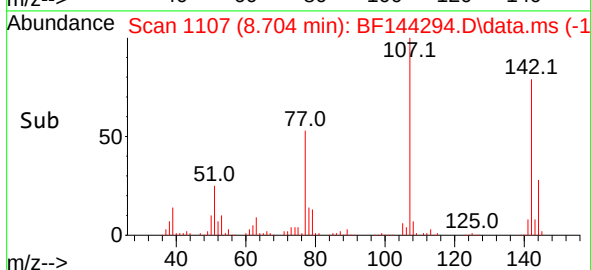
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

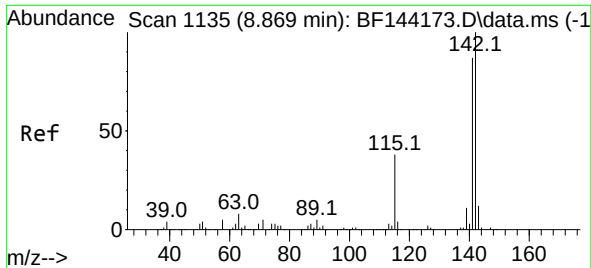


#36
4-Chloro-3-methylphenol
Concen: 44.590 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54



Tgt Ion:107 Resp: 158168
Ion Ratio Lower Upper
107 100
144 28.4 23.3 34.9
142 79.0 63.8 95.6





#37
2-Methylnaphthalene
Concen: 38.629 ng
RT: 8.857 min Scan# 1135
Delta R.T. -0.012 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

Instrument :

BNA_F

ClientSampleId :

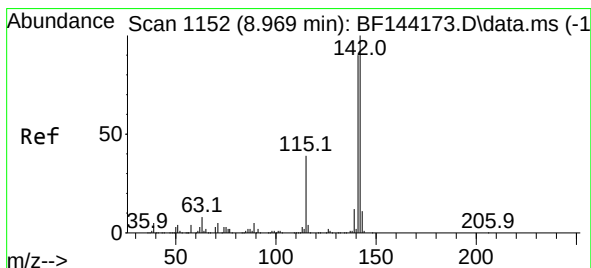
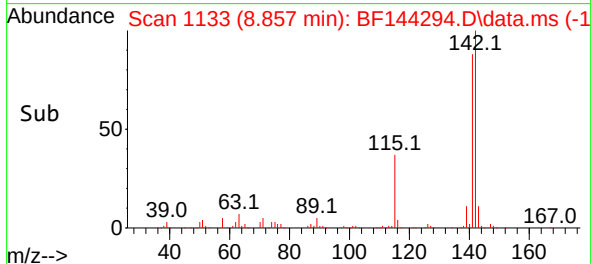
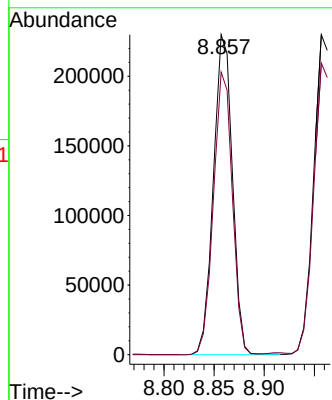
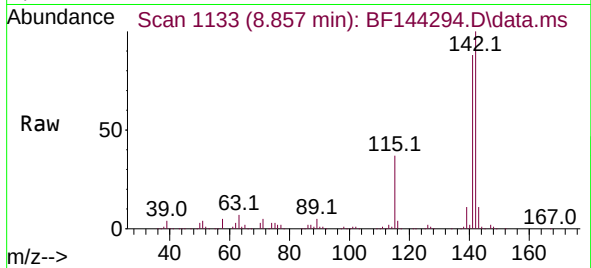
PB170652BS

Tgt Ion:142 Resp: 302469
Ion Ratio Lower Upper
142 100
141 88.3 69.9 104.9

Manual Integrations

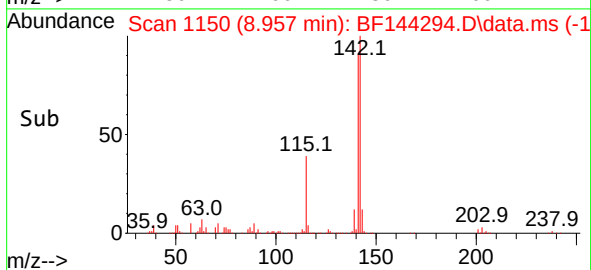
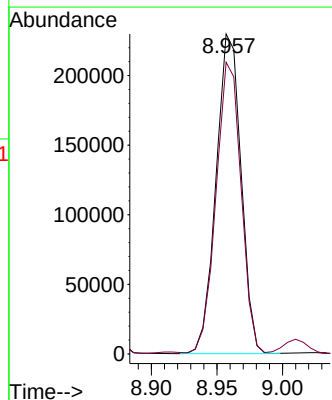
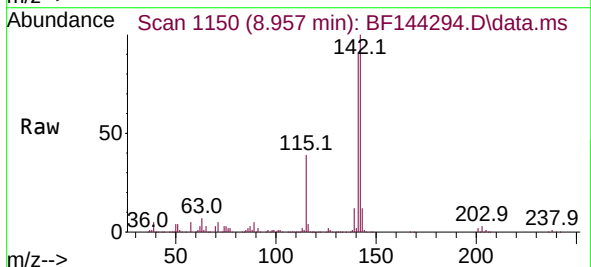
APPROVED

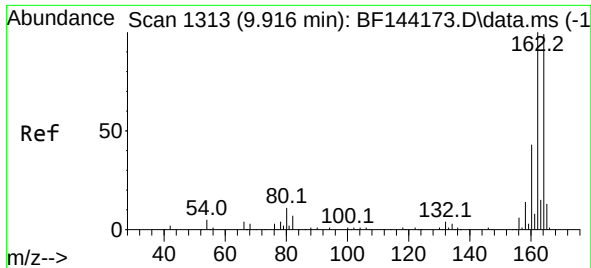
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#38
1-Methylnaphthalene
Concen: 40.404 ng
RT: 8.957 min Scan# 1150
Delta R.T. -0.012 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

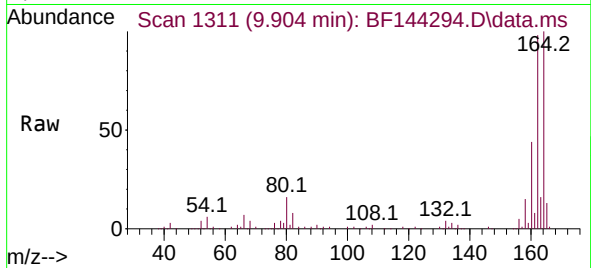
Tgt Ion:142 Resp: 305263
Ion Ratio Lower Upper
142 100
141 91.1 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1313
Delta R.T. -0.012 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

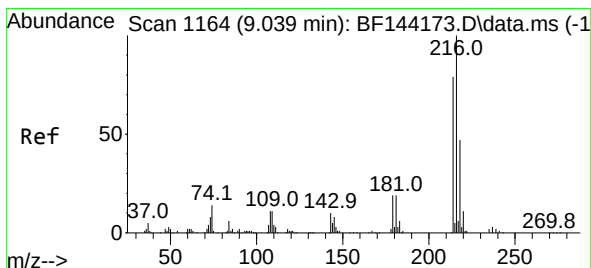
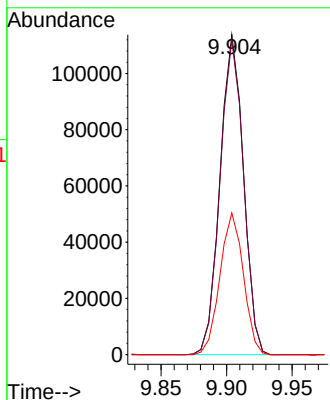
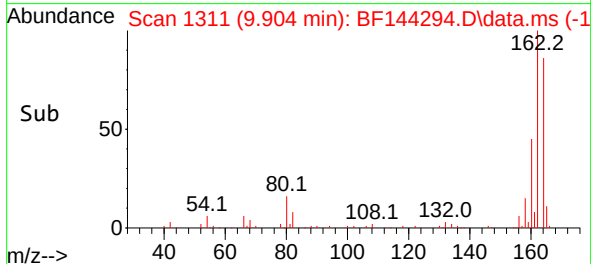
Instrument :
BNA_F
ClientSampleId :
PB170652BS



Tgt Ion:164 Resp: 141980
Ion Ratio Lower Upper
164 100
162 98.3 81.1 121.7
160 44.3 34.5 51.7

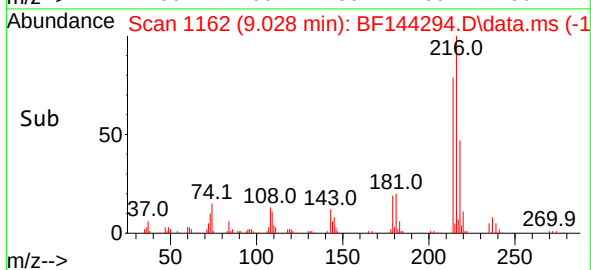
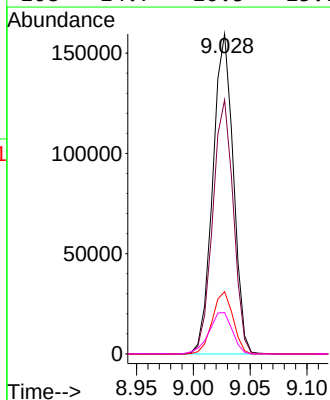
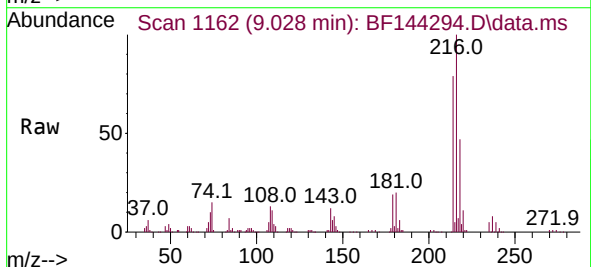
Manual Integrations
APPROVED

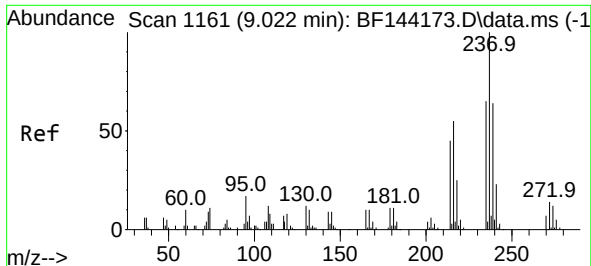
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.107 ng
RT: 9.028 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

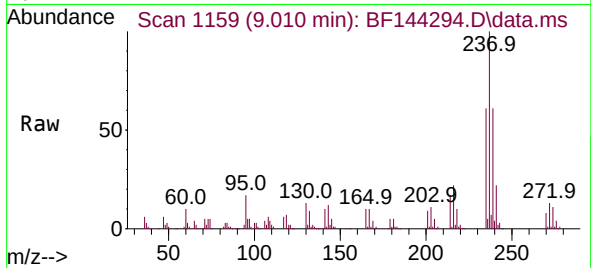
Tgt Ion:216 Resp: 200583
Ion Ratio Lower Upper
216 100
214 79.5 63.4 95.2
179 19.5 15.0 22.4
108 14.7 10.5 15.7





#41
Hexachlorocyclopentadiene
Concen: 76.850 ng
RT: 9.010 min Scan# 1161
Delta R.T. -0.018 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

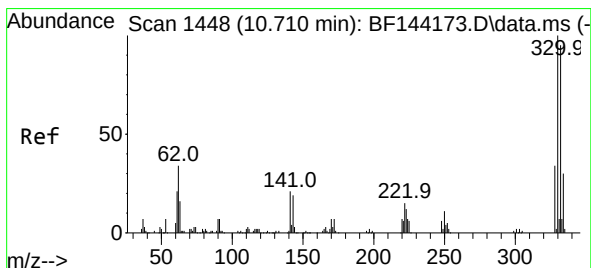
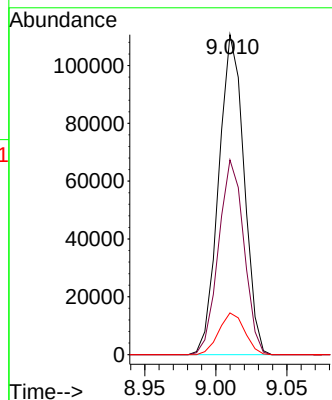
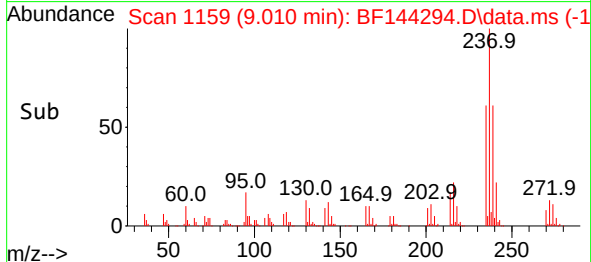
Instrument :
BNA_F
ClientSampleId :
PB170652BS



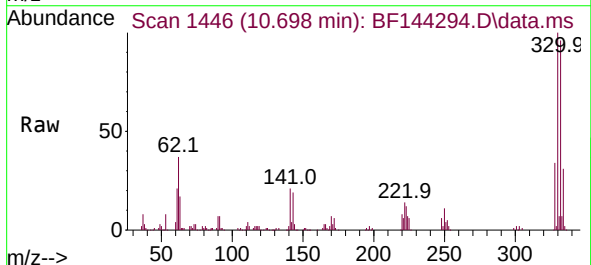
Tgt Ion:237 Resp: 137468
Ion Ratio Lower Upper
237 100
235 60.9 45.5 85.5
272 13.0 0.0 33.5

Manual Integrations
APPROVED

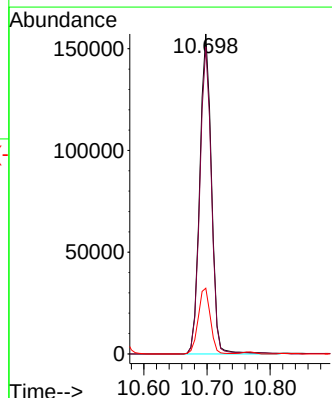
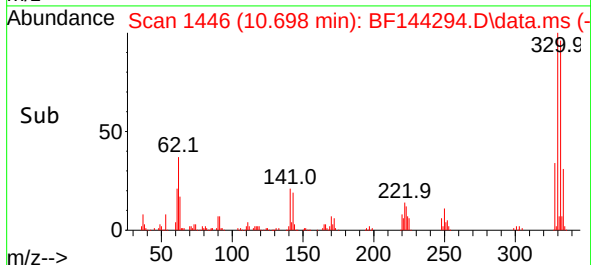
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

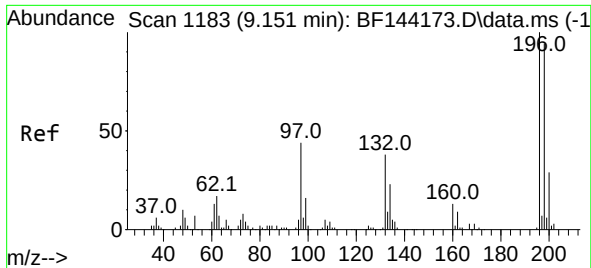


#42
2,4,6-Tribromophenol
Concen: 113.723 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54



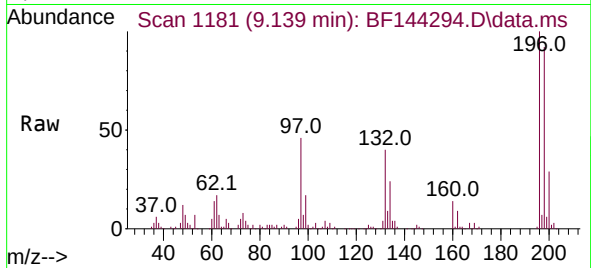
Tgt Ion:330 Resp: 202619
Ion Ratio Lower Upper
330 100
332 94.9 76.7 115.1
141 21.2 17.8 26.8





#43
2,4,6-Trichlorophenol
Concen: 41.464 ng
RT: 9.139 min Scan# 1181
Delta R.T. -0.012 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

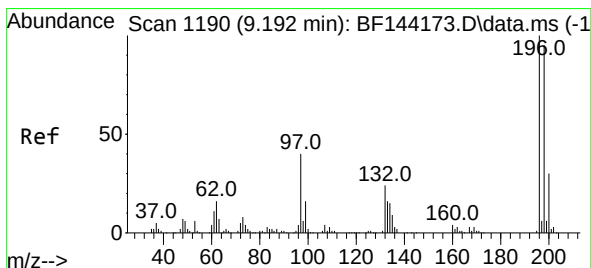
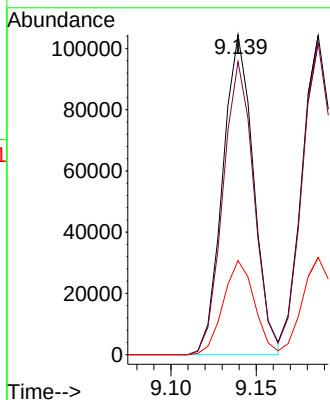
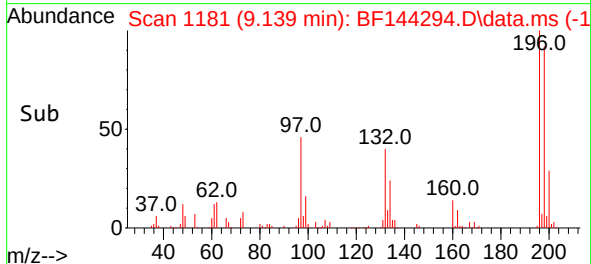
Instrument :
BNA_F
ClientSampleId :
PB170652BS



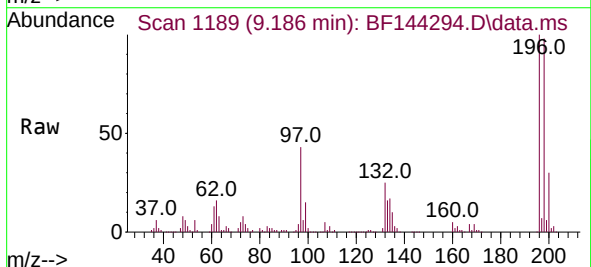
Tgt Ion:196 Resp: 131316
Ion Ratio Lower Upper
196 100
198 91.5 75.3 112.9
200 29.4 23.4 35.2

Manual Integrations
APPROVED

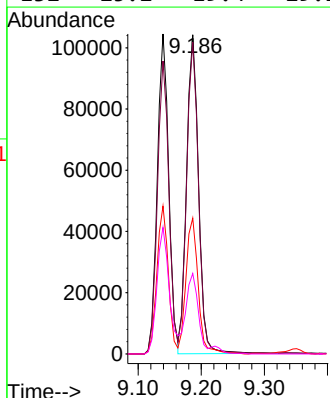
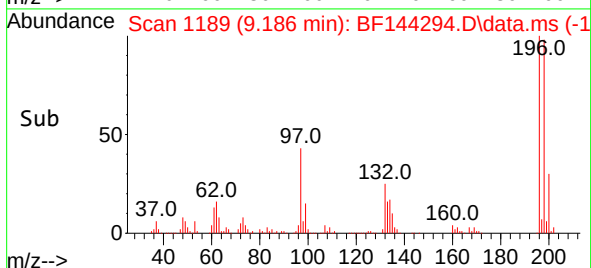
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

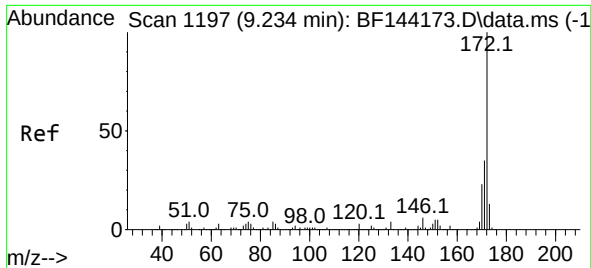


#44
2,4,5-Trichlorophenol
Concen: 40.252 ng
RT: 9.186 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54



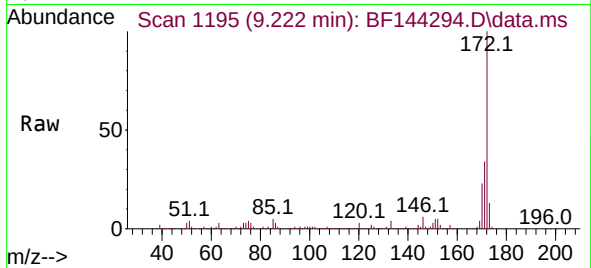
Tgt Ion:196 Resp: 137392
Ion Ratio Lower Upper
196 100
198 97.7 76.1 114.1
97 42.5 31.9 47.9
132 25.2 19.4 29.2





#45
2-Fluorobiphenyl
Concen: 76.202 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

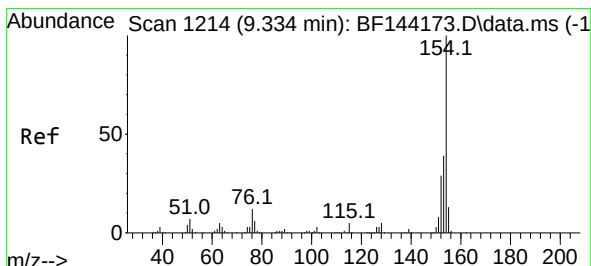
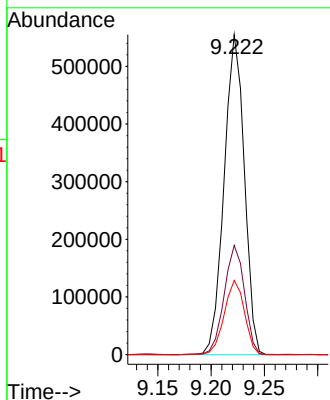
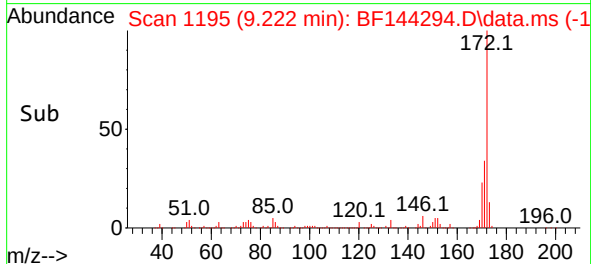
Instrument :
BNA_F
ClientSampleId :
PB170652BS



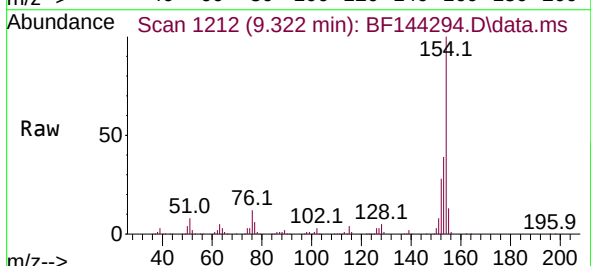
Tgt Ion:172 Resp: 732546
Ion Ratio Lower Upper
172 100
171 34.1 28.1 42.1
170 23.2 18.6 28.0

Manual Integrations
APPROVED

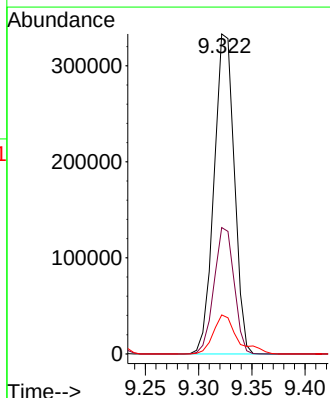
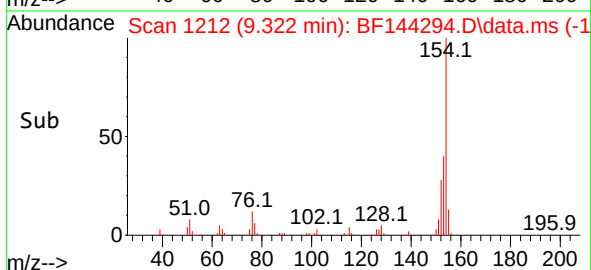
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

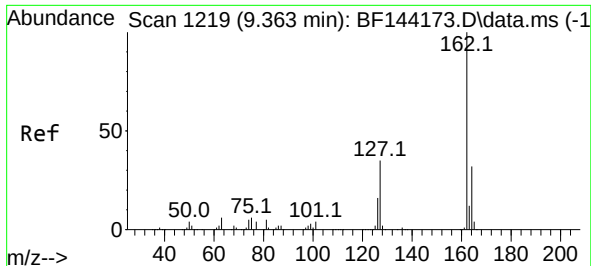


#46
1,1'-Biphenyl
Concen: 44.591 ng
RT: 9.322 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54



Tgt Ion:154 Resp: 441924
Ion Ratio Lower Upper
154 100
153 39.5 19.2 59.2
76 12.2 0.0 31.8





#47

2-Chloronaphthalene

Concen: 40.132 ng

RT: 9.351 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF144294.D

Acq: 20 Nov 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB170652BS

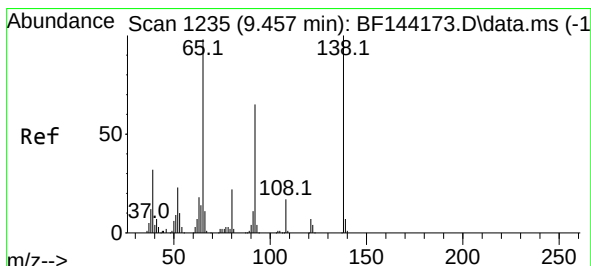
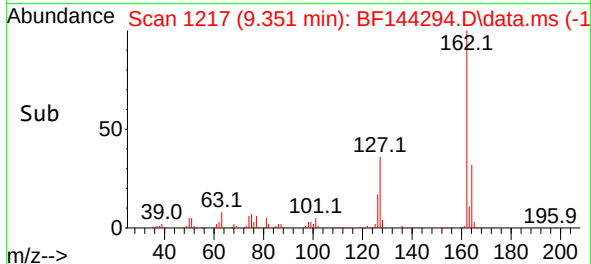
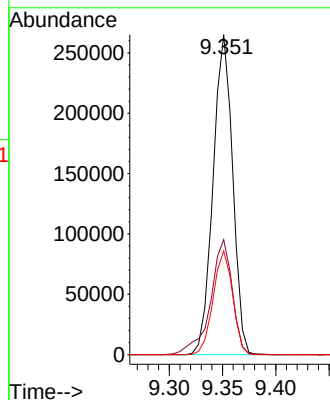
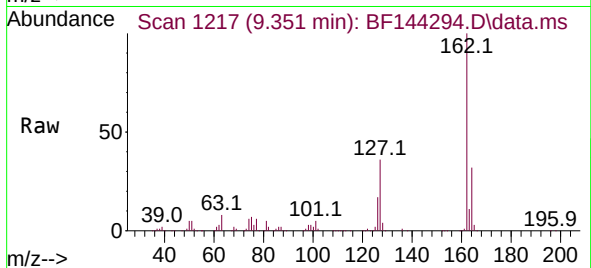
Tgt Ion:162 Resp: 339272

Ion	Ratio	Lower	Upper
162	100		
127	35.9	28.8	43.2
164	32.4	25.8	38.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#48

2-Nitroaniline

Concen: 43.331 ng

RT: 9.451 min Scan# 1234

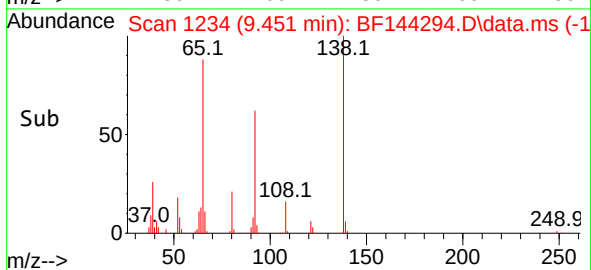
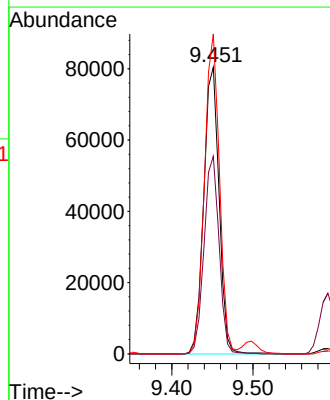
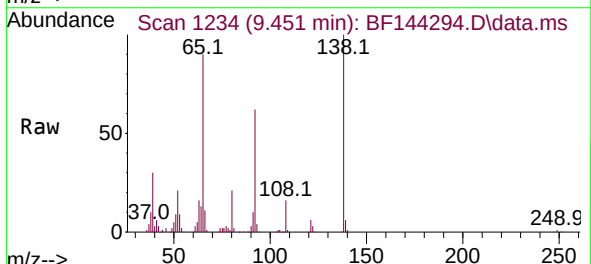
Delta R.T. -0.006 min

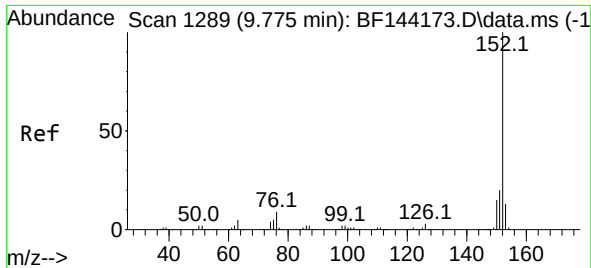
Lab File: BF144294.D

Acq: 20 Nov 2025 14:54

Tgt Ion: 65 Resp: 105693

Ion	Ratio	Lower	Upper
65	100		
92	69.0	53.0	79.6
138	111.6	81.6	122.4





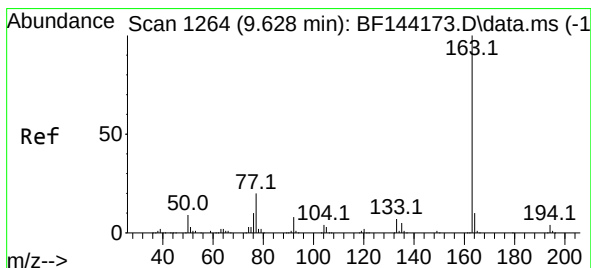
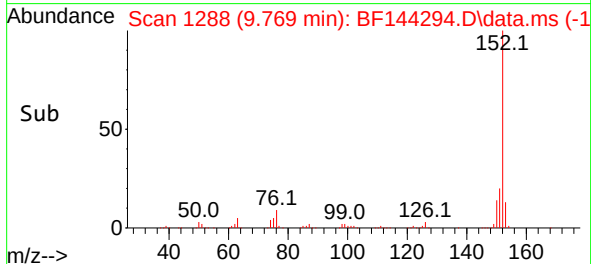
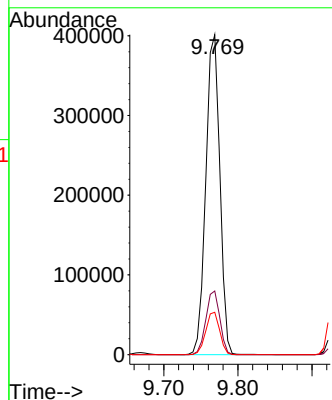
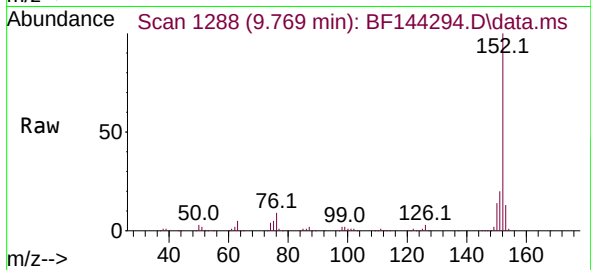
#49
Acenaphthylene
Concen: 45.732 ng
RT: 9.769 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

Instrument :
BNA_F
ClientSampleId :
PB170652BS

Tgt Ion:152 Resp: 526854
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.2 10.5 15.7

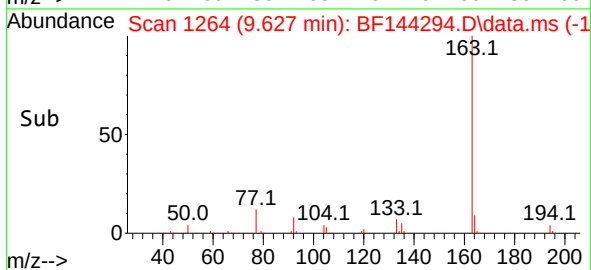
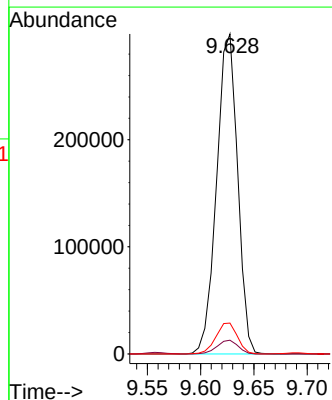
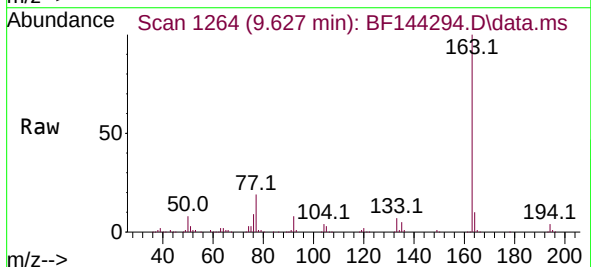
Manual Integrations
APPROVED

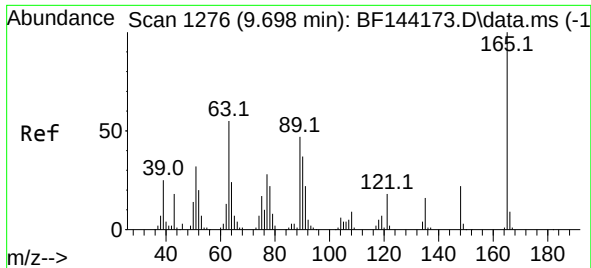
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#50
Dimethylphthalate
Concen: 43.566 ng
RT: 9.627 min Scan# 1264
Delta R.T. -0.000 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

Tgt Ion:163 Resp: 409781
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 9.6 8.1 12.1





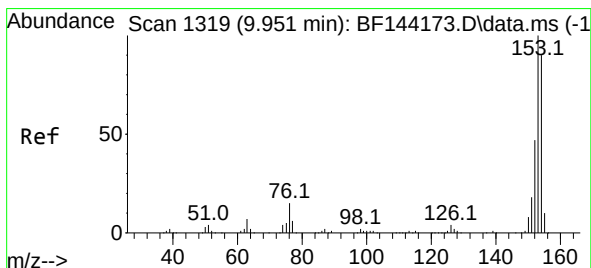
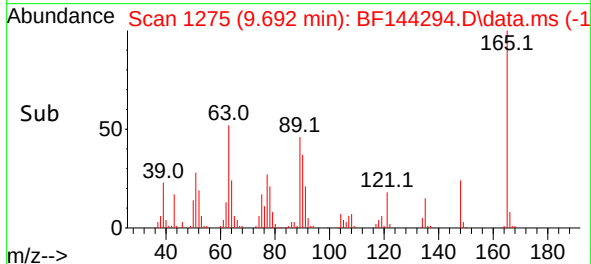
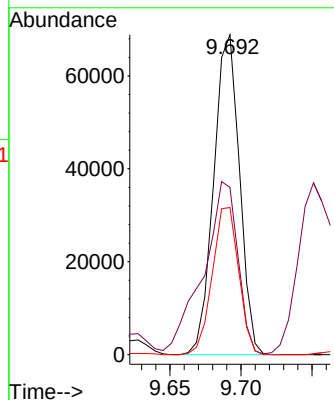
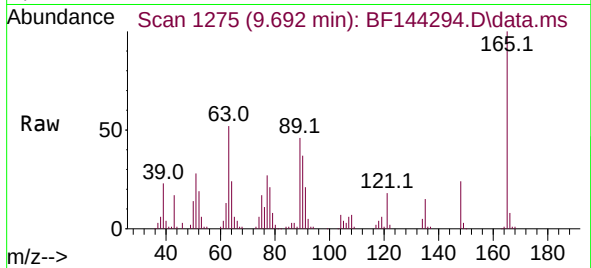
#51
2,6-Dinitrotoluene
Concen: 45.780 ng
RT: 9.692 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

Instrument :
BNA_F
ClientSampleId :
PB170652BS

Tgt Ion:165 Resp: 87162
Ion Ratio Lower Upper
165 100
63 52.2 43.8 65.8
89 46.0 37.5 56.3

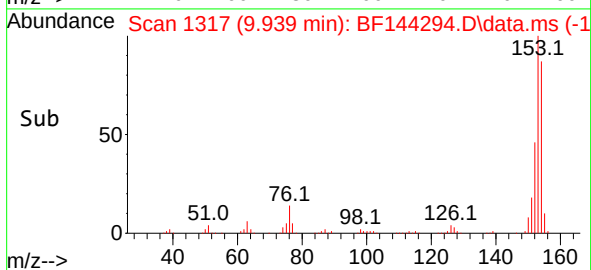
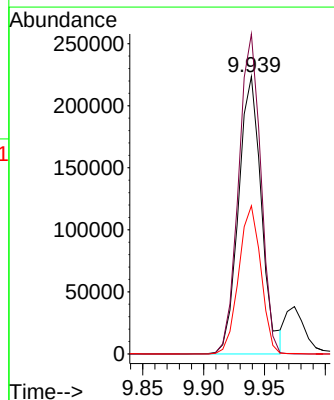
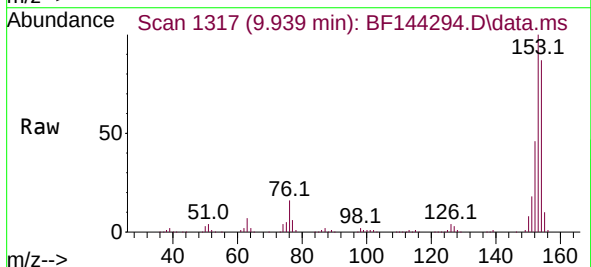
Manual Integrations
APPROVED

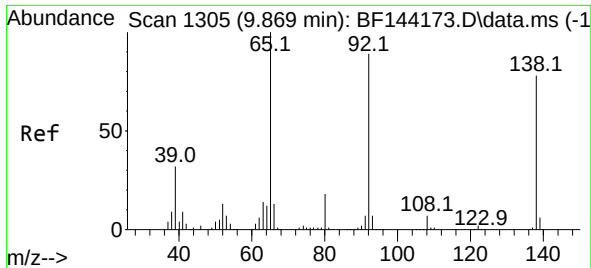
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#52
Acenaphthene
Concen: 37.936 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

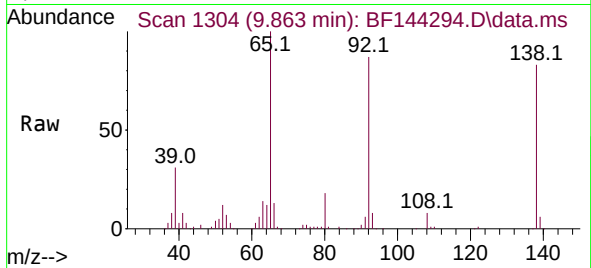
Tgt Ion:154 Resp: 292255
Ion Ratio Lower Upper
154 100
153 115.3 89.0 133.4
152 53.4 42.2 63.4





#53
3-Nitroaniline
Concen: 32.468 ng
RT: 9.863 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

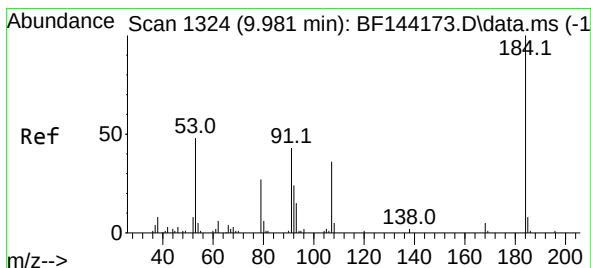
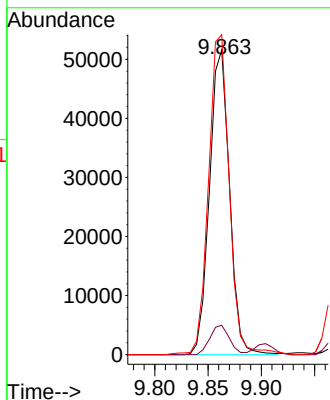
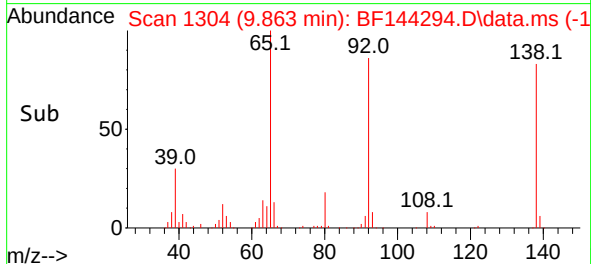
Instrument :
BNA_F
ClientSampleId :
PB170652BS



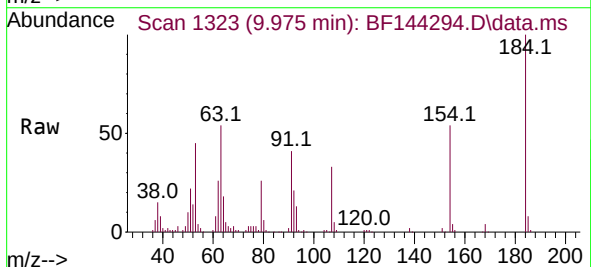
Tgt Ion:138 Resp: 67579
Ion Ratio Lower Upper
138 100
108 9.7 7.5 11.3
92 105.0 91.8 137.6

Manual Integrations
APPROVED

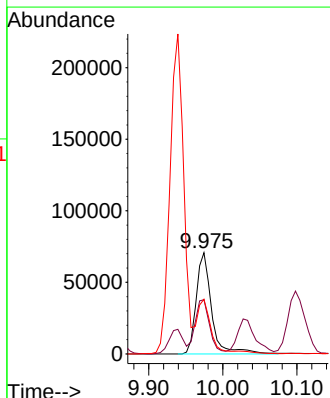
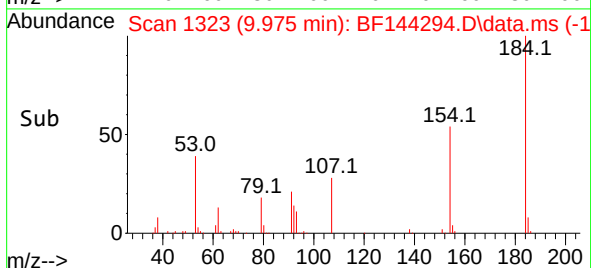
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

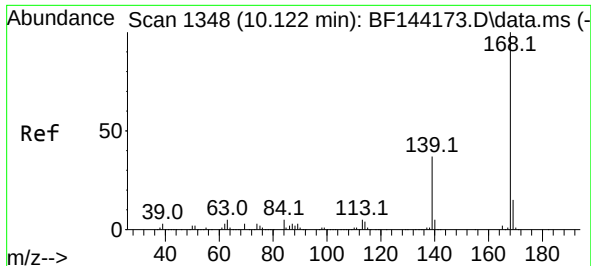


#54
2,4-Dinitrophenol
Concen: 88.794 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54



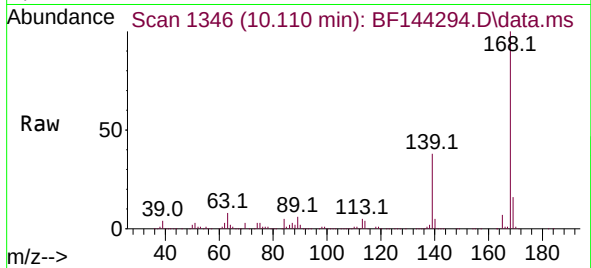
Tgt Ion:184 Resp: 102093
Ion Ratio Lower Upper
184 100
63 53.5 44.0 66.0
154 54.0 42.4 63.6





#55
Dibenzenofuran
Concen: 40.706 ng
RT: 10.110 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

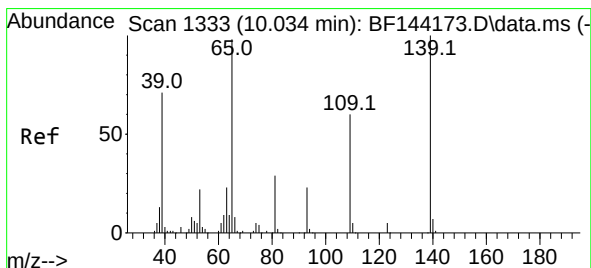
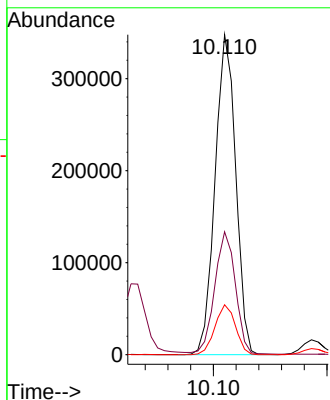
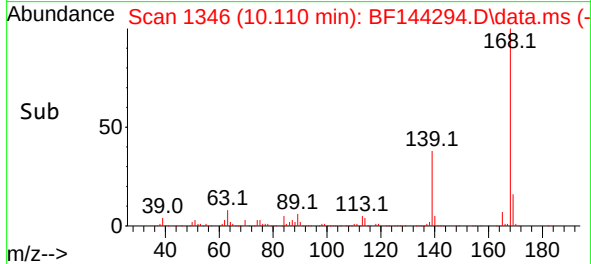
Instrument :
BNA_F
ClientSampleId :
PB170652BS



Tgt Ion:168 Resp: 439203
Ion Ratio Lower Upper
168 100
139 38.4 30.2 45.2
169 15.6 12.2 18.4

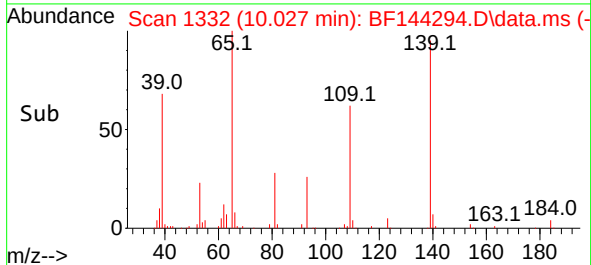
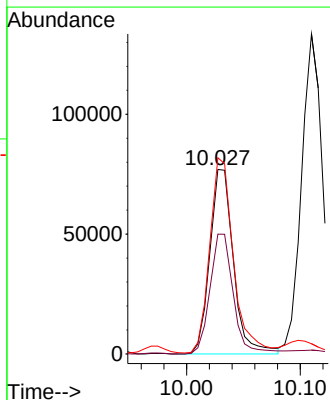
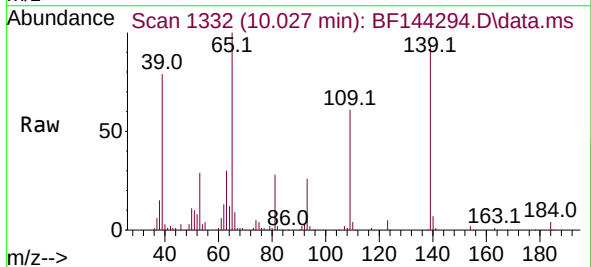
Manual Integrations
APPROVED

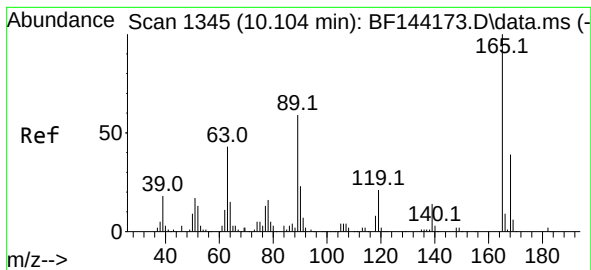
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#56
4-Nitrophenol
Concen: 73.956 ng
RT: 10.027 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

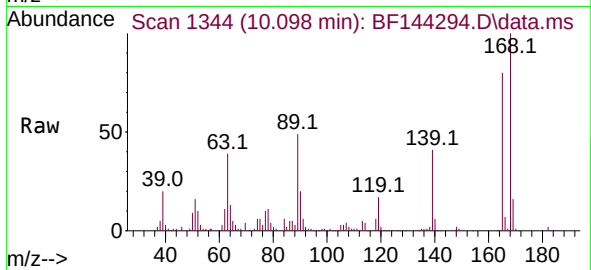
Tgt Ion:139 Resp: 111351
Ion Ratio Lower Upper
139 100
109 65.0 39.9 79.9
65 106.4 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 44.516 ng
RT: 10.098 min Scan# 1344
Delta R.T. -0.000 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

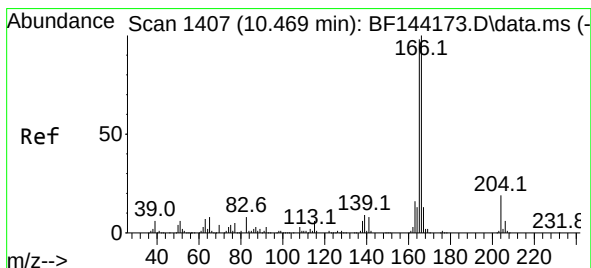
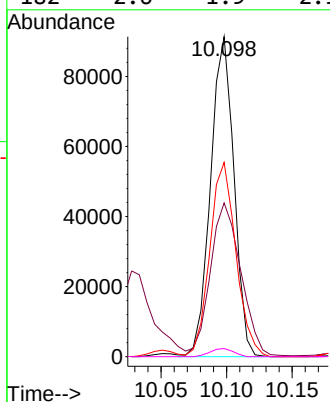
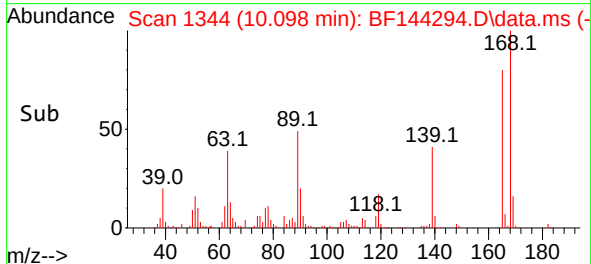
Instrument :
BNA_F
ClientSampleId :
PB170652BS



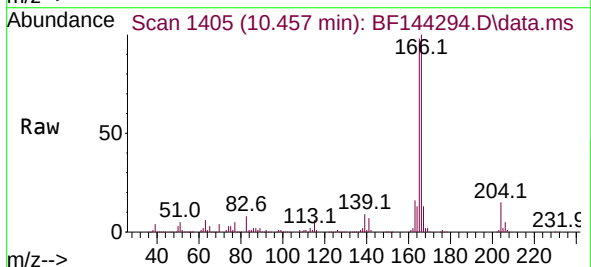
Tgt Ion:165 Resp: 113470
Ion Ratio Lower Upper
165 100
63 48.0 35.5 53.3
89 60.7 47.4 71.2
182 2.6 1.9 2.9

Manual Integrations
APPROVED

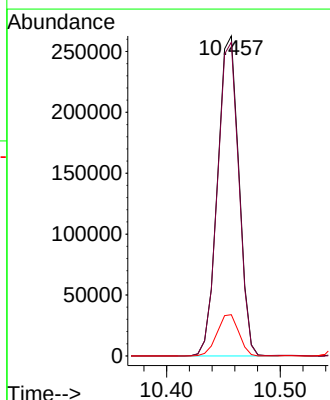
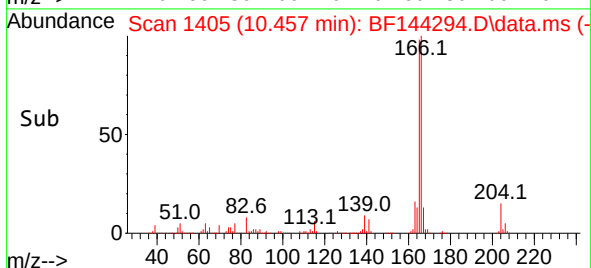
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

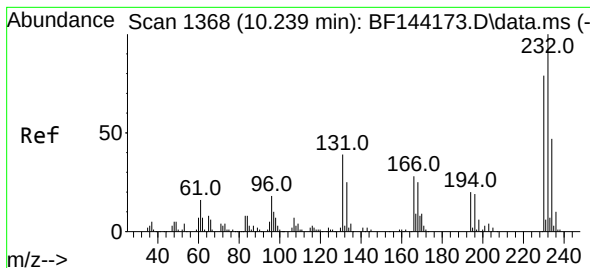


#58
Fluorene
Concen: 41.592 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54



Tgt Ion:166 Resp: 341198
Ion Ratio Lower Upper
166 100
165 98.0 78.6 118.0
167 12.9 10.4 15.6





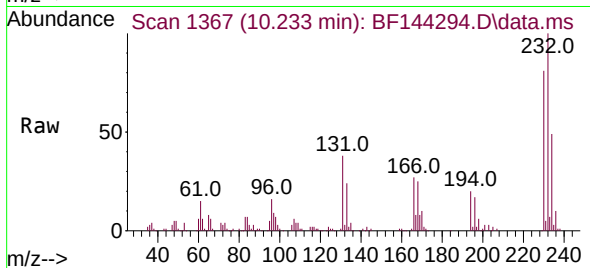
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.877 ng
RT: 10.233 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB170652BS

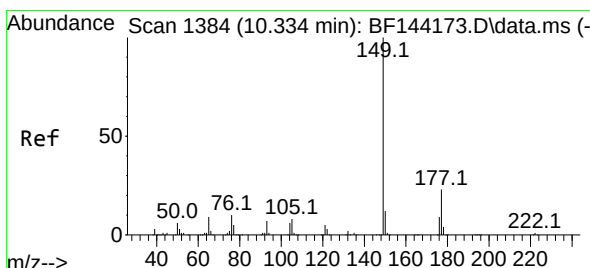
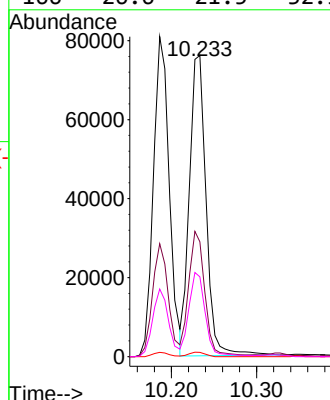
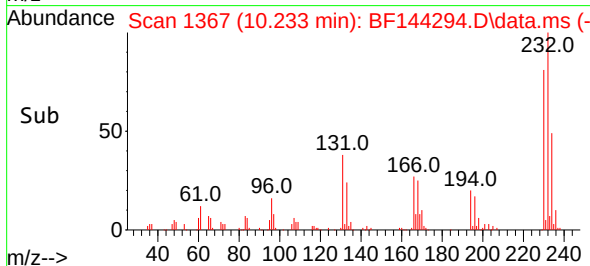


Tgt Ion:232 Resp: 103545
Ion Ratio Lower Upper
232 100
131 40.3 30.3 45.5
130 1.4 1.2 1.8
166 26.6 21.5 32.3

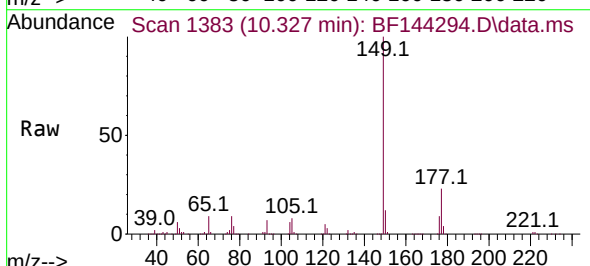
Manual Integrations

APPROVED

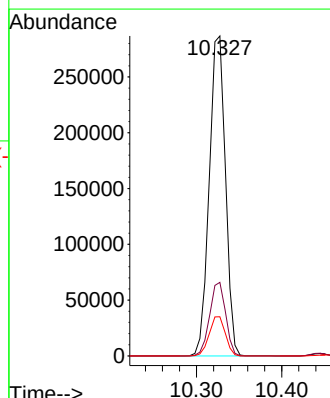
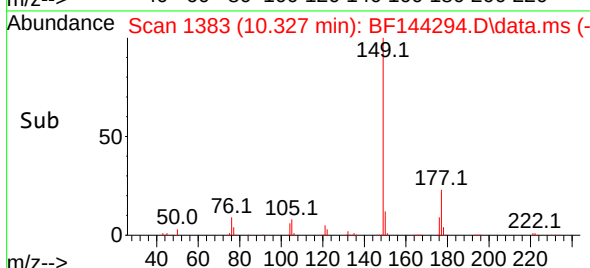
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

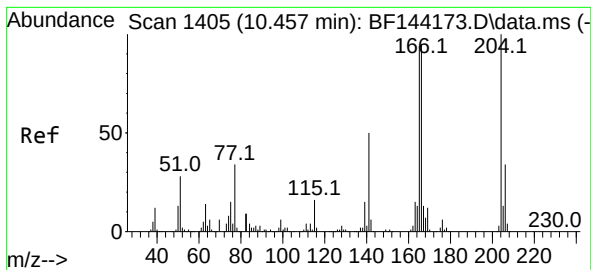


#60
Diethylphthalate
Concen: 43.733 ng
RT: 10.327 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54



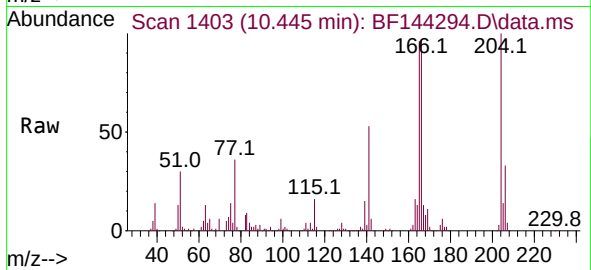
Tgt Ion:149 Resp: 379201
Ion Ratio Lower Upper
149 100
177 23.0 18.3 27.5
150 12.2 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 40.261 ng
RT: 10.445 min Scan# 1405
Delta R.T. -0.012 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

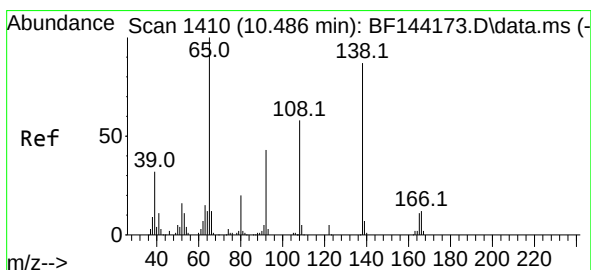
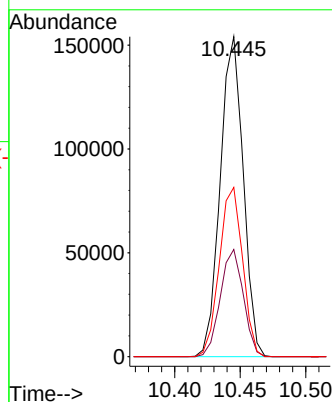
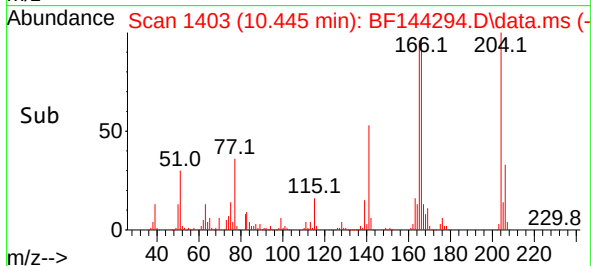
Instrument :
BNA_F
ClientSampleId :
PB170652BS



Tgt Ion:204 Resp: 188134
Ion Ratio Lower Upper
204 100
206 33.5 27.4 41.2
141 52.9 40.0 60.0

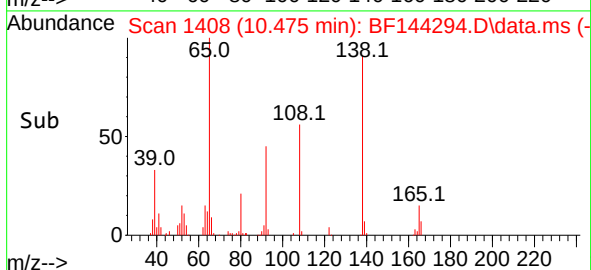
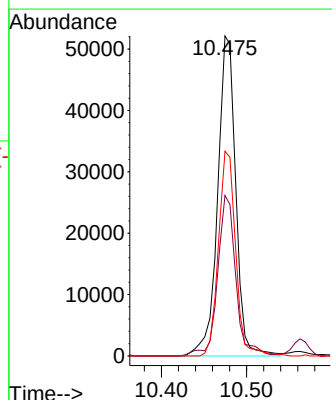
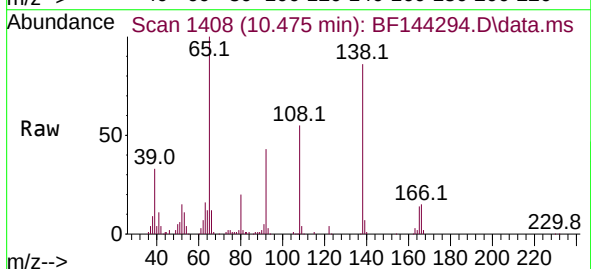
Manual Integrations
APPROVED

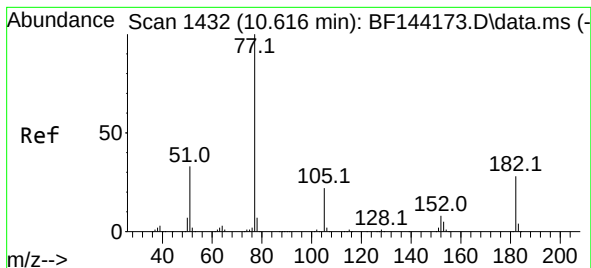
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#62
4-Nitroaniline
Concen: 38.819 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

Tgt Ion:138 Resp: 76947
Ion Ratio Lower Upper
138 100
92 50.1 29.4 69.4
108 63.9 46.4 86.4





#63

Azobenzene

Concen: 43.421 ng

RT: 10.604 min Scan# 1432

Delta R.T. -0.012 min

Lab File: BF144294.D

Acq: 20 Nov 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB170652BS

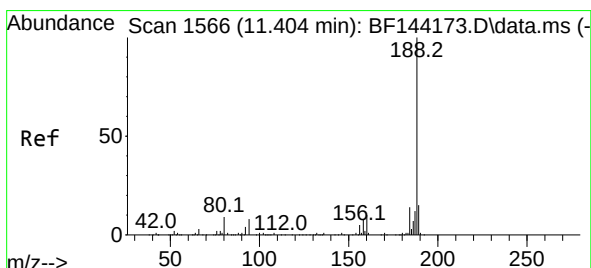
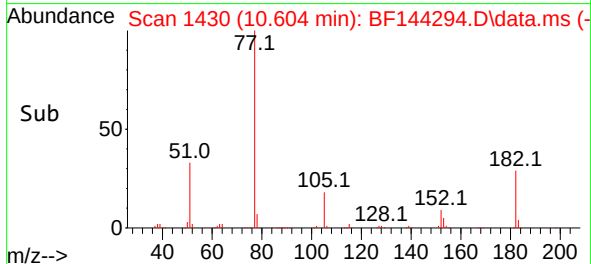
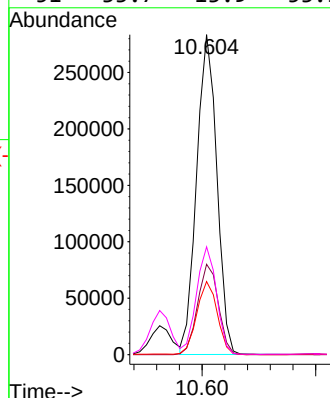
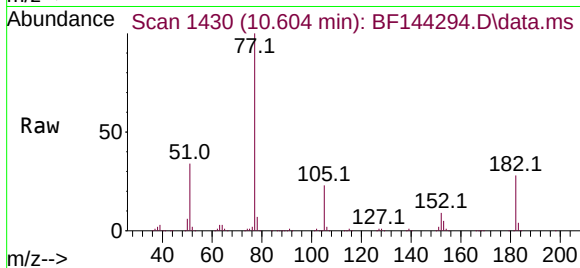
Tgt Ion: 77 Resp: 35039

Ion	Ratio	Lower	Upper
77	100		
182	28.2	8.1	48.1
105	22.8	2.0	42.0
51	33.7	13.9	53.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1564

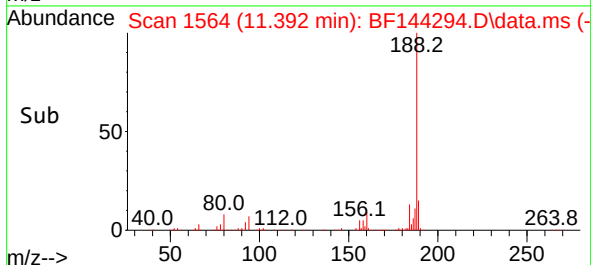
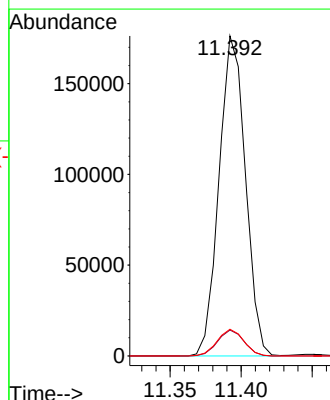
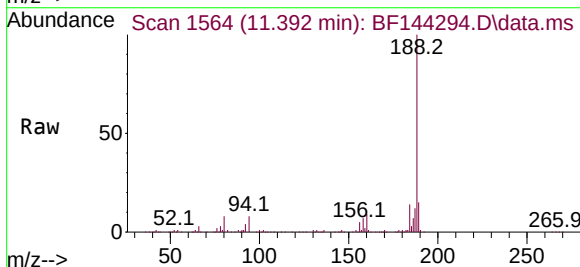
Delta R.T. -0.012 min

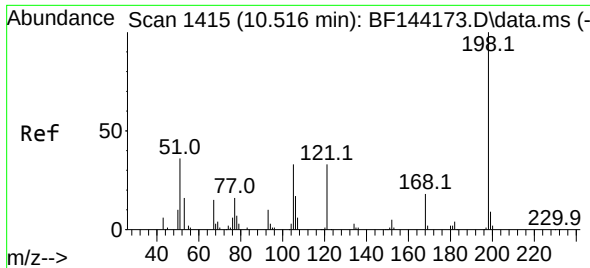
Lab File: BF144294.D

Acq: 20 Nov 2025 14:54

Tgt Ion:188 Resp: 227540

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.2	9.2
80	8.3	6.9	10.3





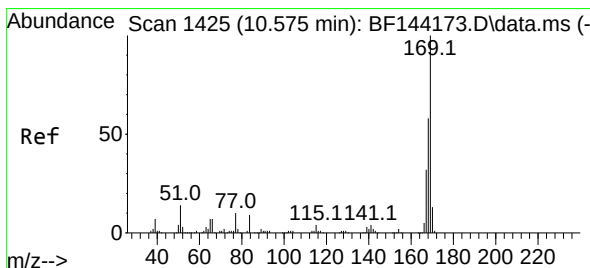
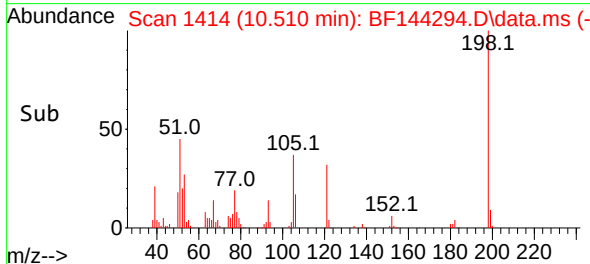
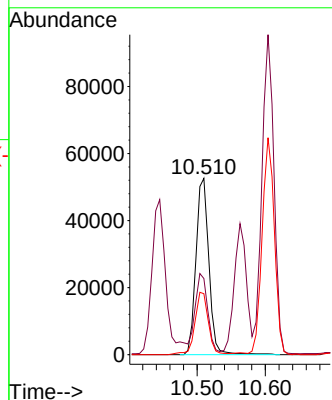
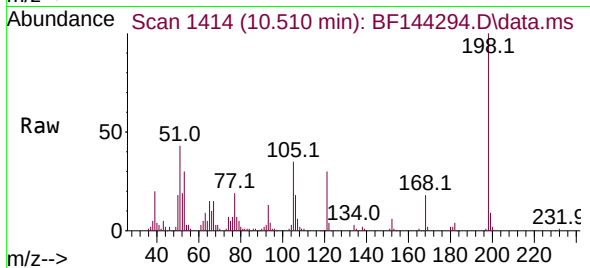
#65
4,6-Dinitro-2-methylphenol
Concen: 44.883 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

Instrument :
BNA_F
ClientSampleId :
PB170652BS

Tgt Ion:198 Resp: 69379
Ion Ratio Lower Upper
198 100
51 43.2 25.6 65.6
105 34.5 14.6 54.6

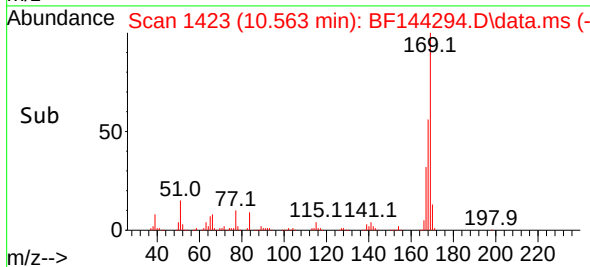
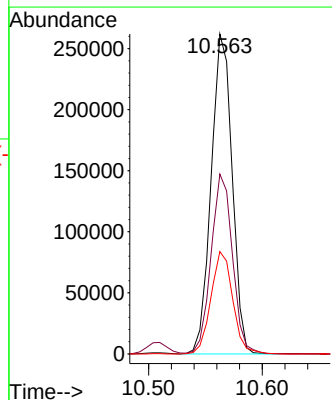
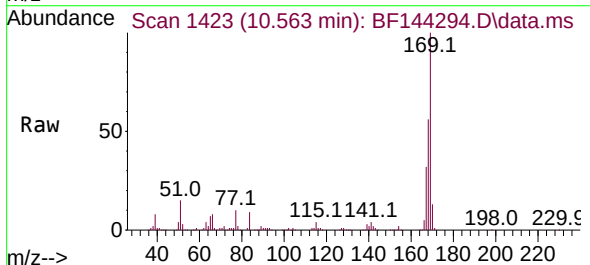
Manual Integrations
APPROVED

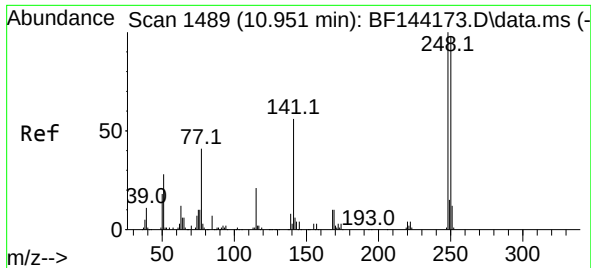
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#66
n-Nitrosodiphenylamine
Concen: 45.969 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

Tgt Ion:169 Resp: 336413
Ion Ratio Lower Upper
169 100
168 56.2 46.2 69.2
167 32.0 25.7 38.5





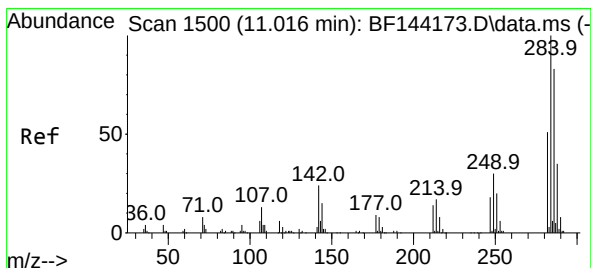
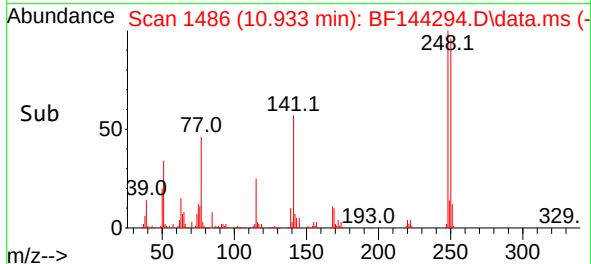
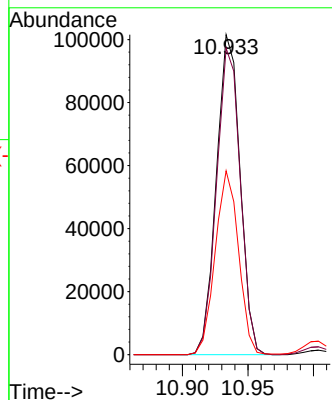
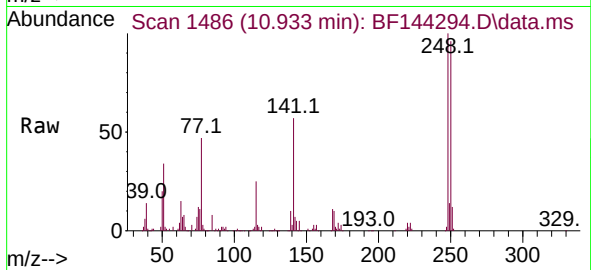
#67
4-Bromophenyl-phenylether
Concen: 43.942 ng
RT: 10.933 min Scan# 1486
Delta R.T. -0.012 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

Instrument :
BNA_F
ClientSampleId :
PB170652BS

Tgt Ion:248 Resp: 127623
Ion Ratio Lower Upper
248 100
250 95.8 78.4 117.6
141 57.4 45.1 67.7

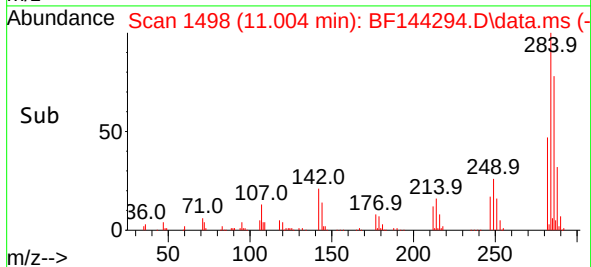
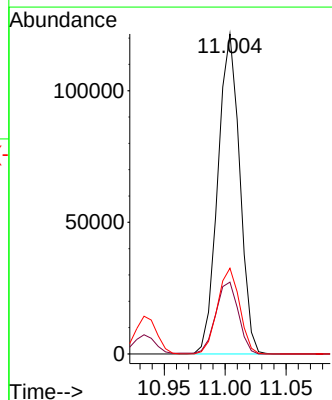
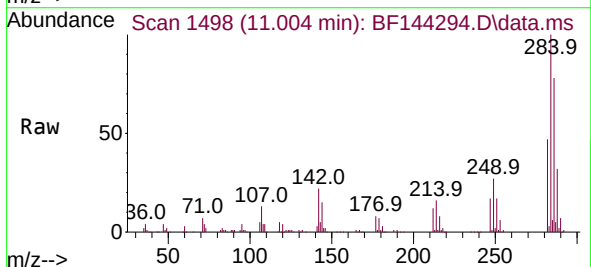
Manual Integrations
APPROVED

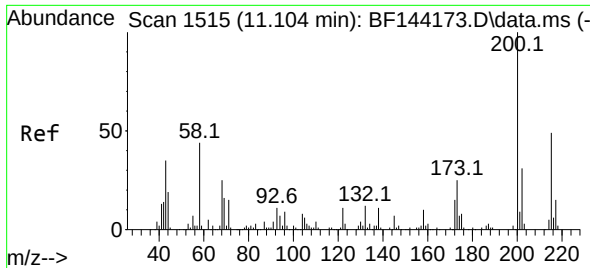
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#68
Hexachlorobenzene
Concen: 44.353 ng
RT: 11.004 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

Tgt Ion:284 Resp: 151729
Ion Ratio Lower Upper
284 100
142 22.4 19.2 28.8
249 26.8 23.8 35.8





#69
 Atrazine
 Concen: 46.481 ng
 RT: 11.092 min Scan# 1513
 Delta R.T. -0.006 min
 Lab File: BF144294.D
 Acq: 20 Nov 2025 14:54

Instrument :

BNA_F

ClientSampleId :

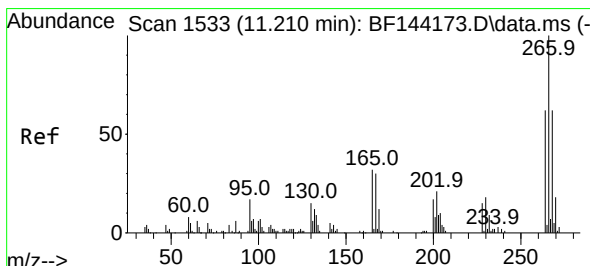
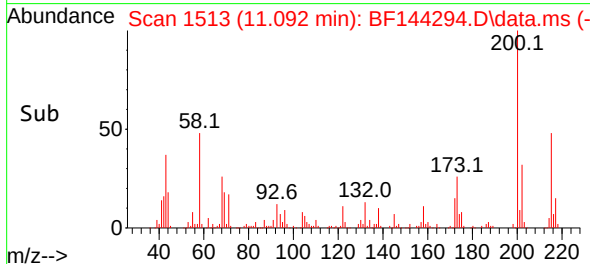
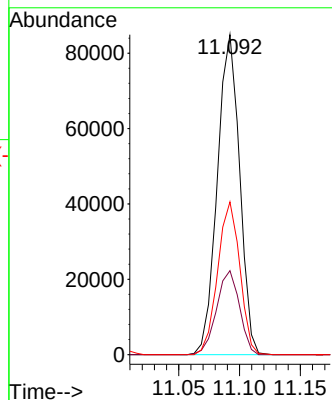
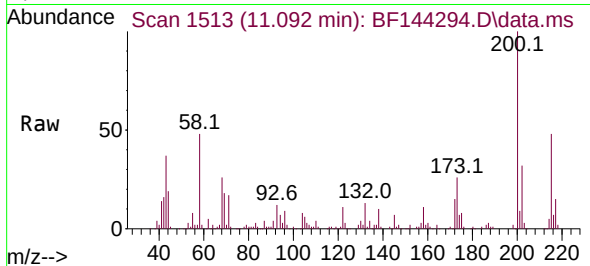
PB170652BS

Tgt Ion:200 Resp: 108180
 Ion Ratio Lower Upper
 200 100
 173 26.2 5.0 45.0
 215 47.7 28.7 68.7

Manual Integrations

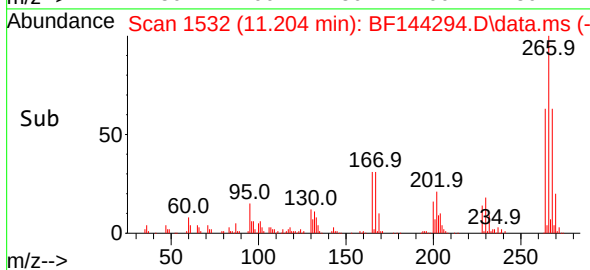
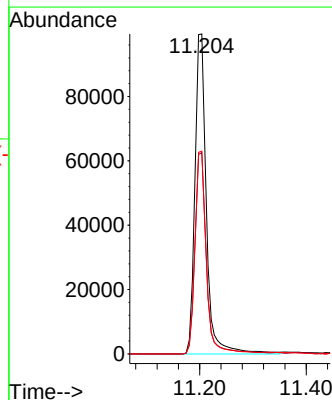
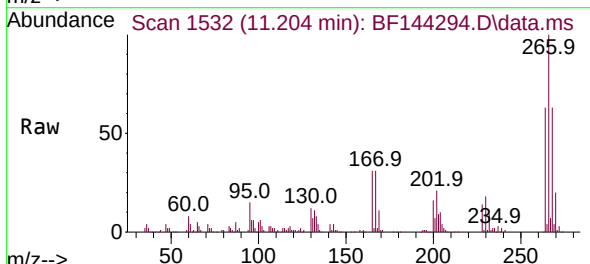
APPROVED

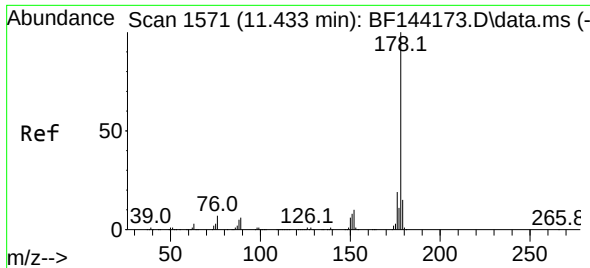
Reviewed By :Jagrut Upadhyay 11/21/2025
 Supervised By :mohammad ahmed 11/22/2025



#70
 Pentachlorophenol
 Concen: 87.689 ng
 RT: 11.204 min Scan# 1532
 Delta R.T. -0.012 min
 Lab File: BF144294.D
 Acq: 20 Nov 2025 14:54

Tgt Ion:266 Resp: 149378
 Ion Ratio Lower Upper
 266 100
 268 62.9 49.5 74.3
 264 63.4 49.4 74.2





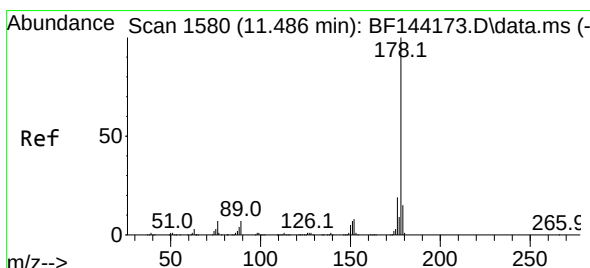
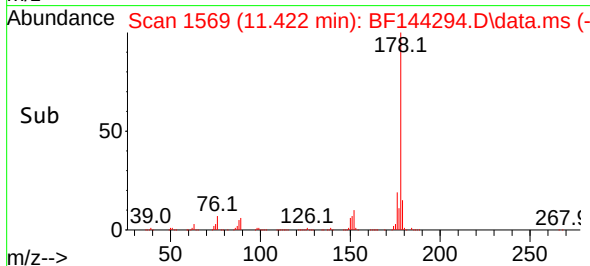
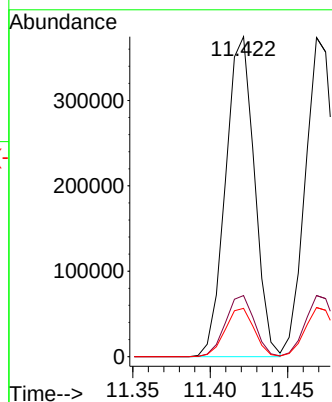
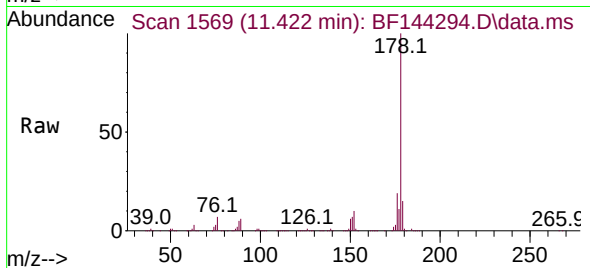
#71
Phenanthrene
Concen: 42.854 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

Instrument :
BNA_F
ClientSampleId :
PB170652BS

Tgt Ion:178 Resp: 485489
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 15.1 12.2 18.4

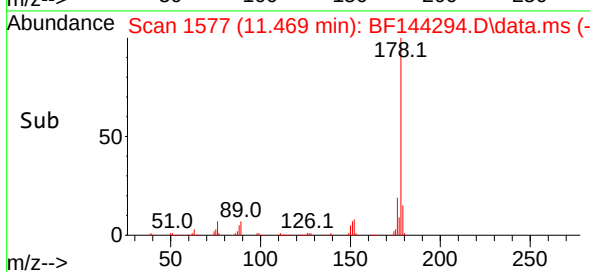
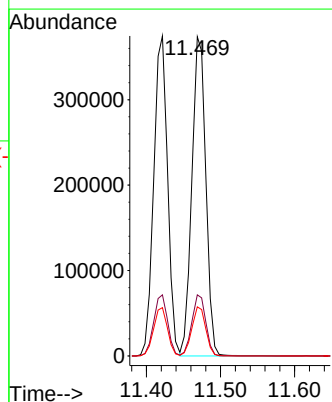
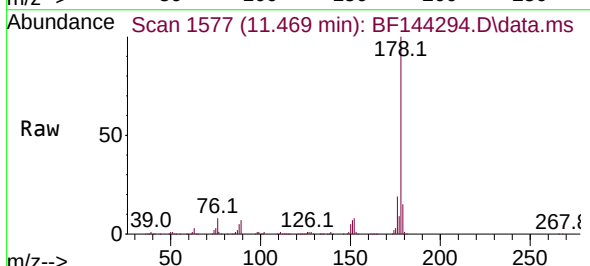
Manual Integrations
APPROVED

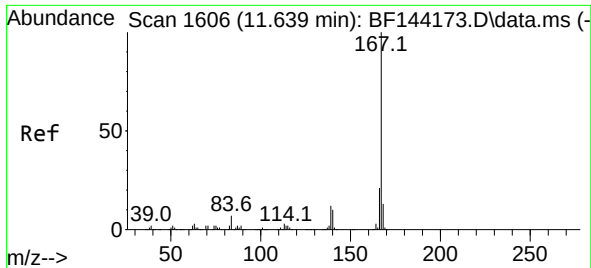
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#72
Anthracene
Concen: 42.490 ng
RT: 11.469 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

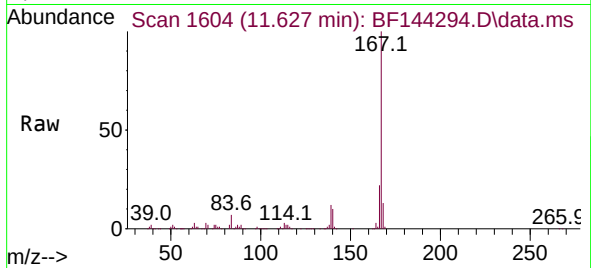
Tgt Ion:178 Resp: 489461
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.4 12.0 18.0





#73
Carbazole
Concen: 41.423 ng
RT: 11.627 min Scan# 1604
Delta R.T. -0.012 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

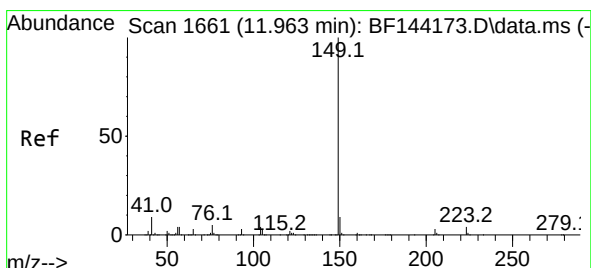
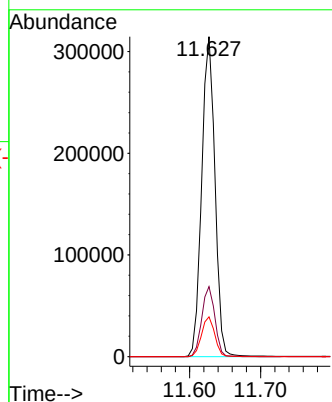
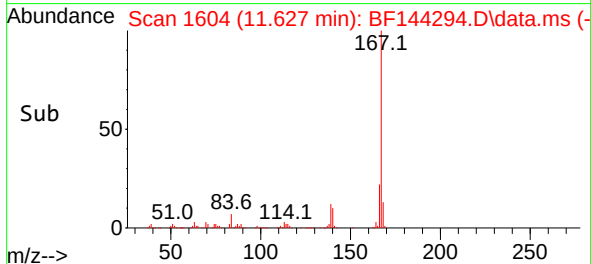
Instrument :
BNA_F
ClientSampleId :
PB170652BS



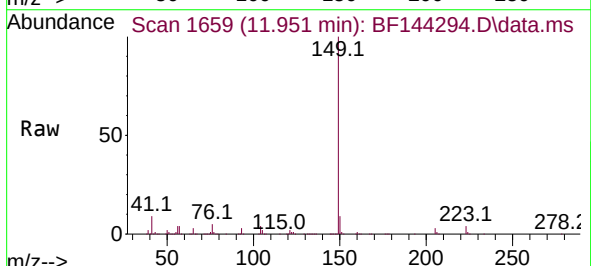
Tgt Ion:167 Resp: 405763
Ion Ratio Lower Upper
167 100
166 21.9 17.2 25.8
139 12.4 9.9 14.9

Manual Integrations
APPROVED

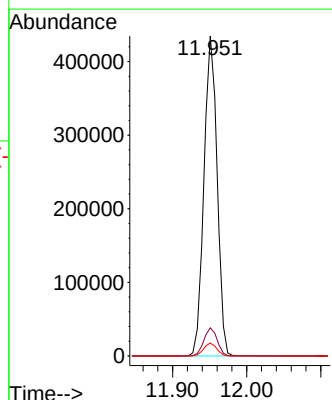
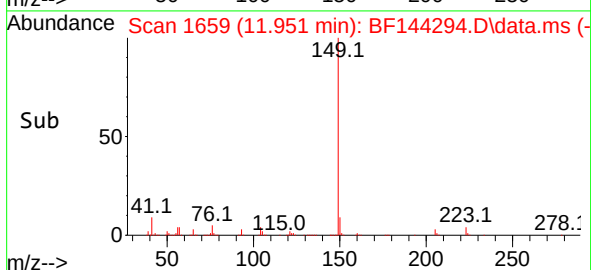
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

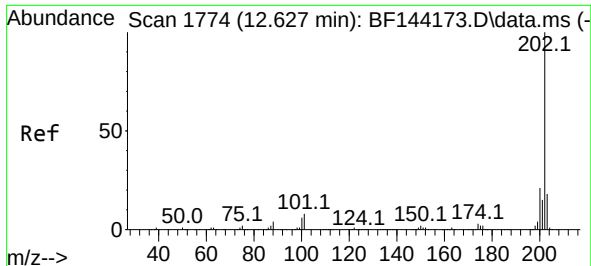


#74
Di-n-butylphthalate
Concen: 45.159 ng
RT: 11.951 min Scan# 1659
Delta R.T. -0.012 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54



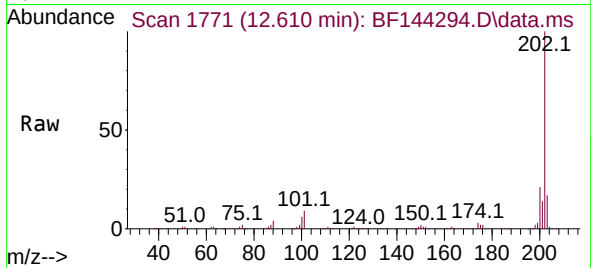
Tgt Ion:149 Resp: 534760
Ion Ratio Lower Upper
149 100
150 8.8 7.4 11.0
104 4.0 3.4 5.2





#75
Fluoranthene
Concen: 40.003 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

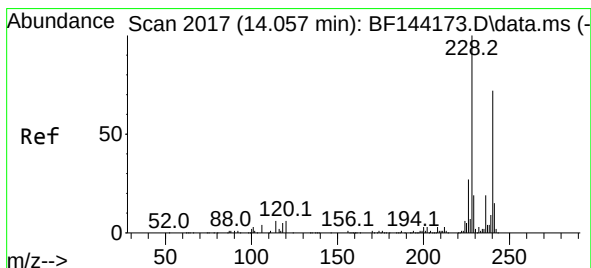
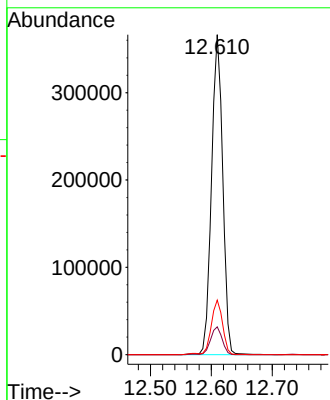
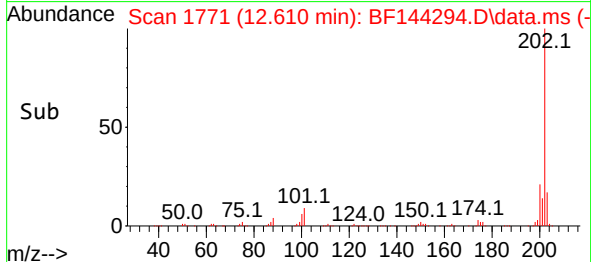
Instrument :
BNA_F
ClientSampleId :
PB170652BS



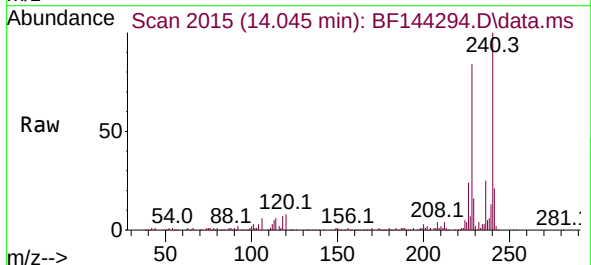
Tgt Ion:202 Resp: 46814
Ion Ratio Lower Upper
202 100
101 8.7 0.0 27.9
203 17.0 0.0 37.5

Manual Integrations
APPROVED

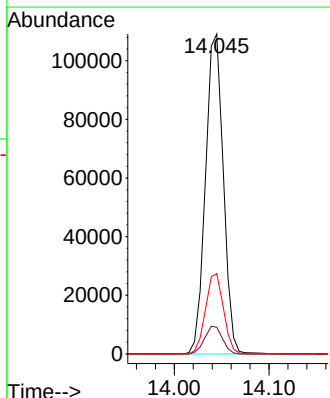
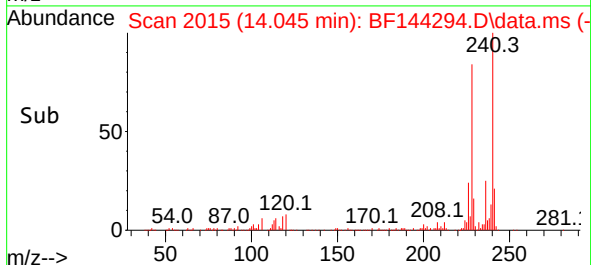
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

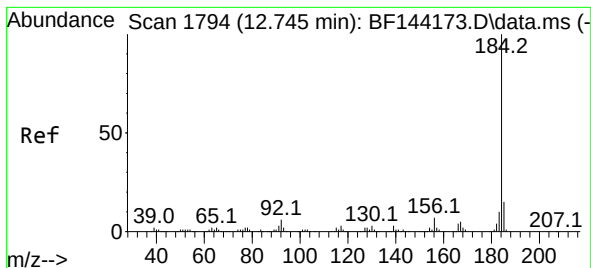


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54



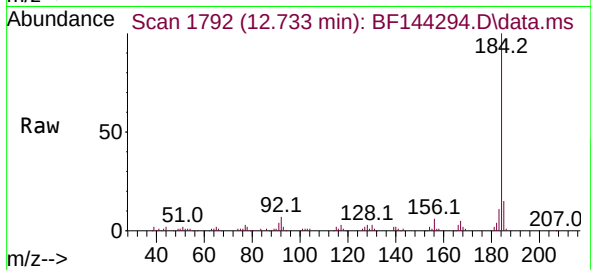
Tgt Ion:240 Resp: 143230
Ion Ratio Lower Upper
240 100
120 8.3 6.6 10.0
236 25.1 21.4 32.2





#77
Benzidine
Concen: 19.632 ng
RT: 12.733 min Scan# 1793
Delta R.T. -0.018 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

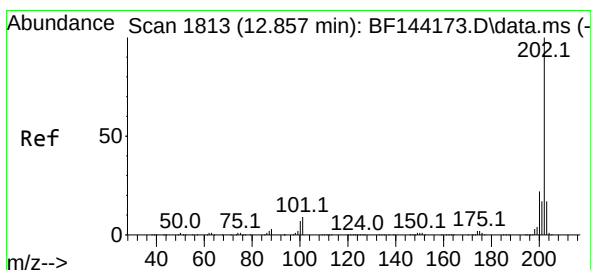
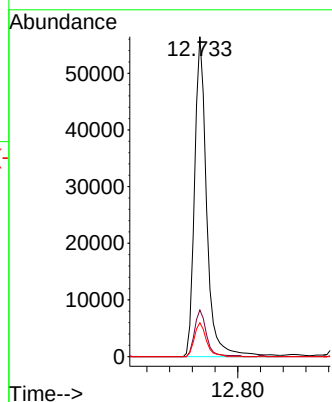
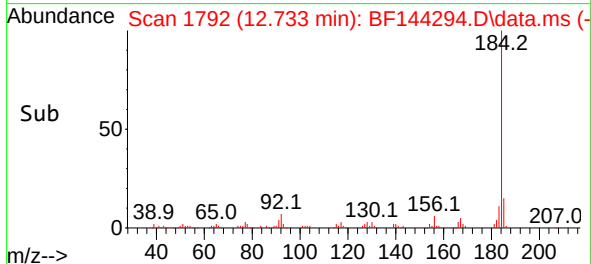
Instrument :
BNA_F
ClientSampleId :
PB170652BS



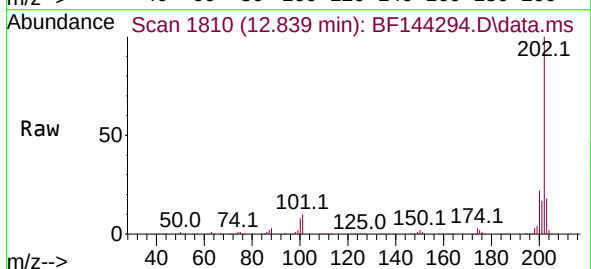
Tgt Ion:184 Resp: 83173
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 10.6 8.3 12.5

Manual Integrations
APPROVED

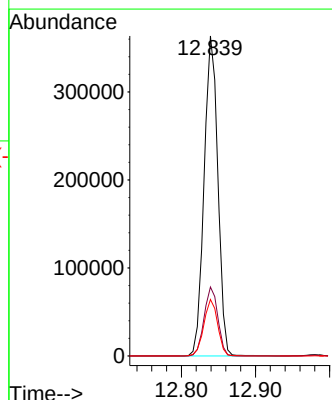
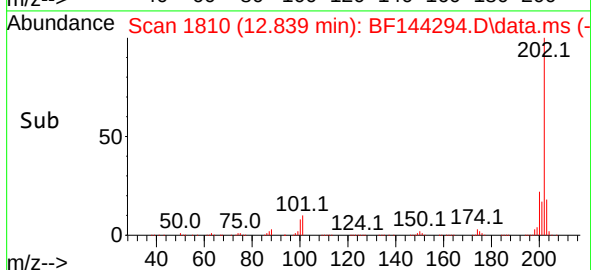
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

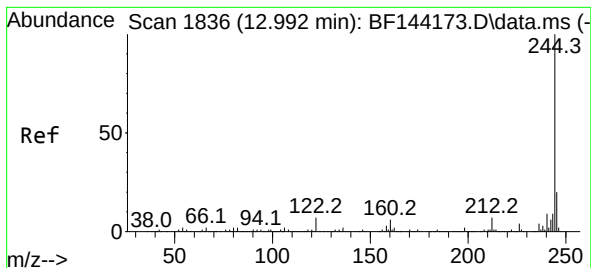


#78
Pyrene
Concen: 40.494 ng
RT: 12.839 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54



Tgt Ion:202 Resp: 467640
Ion Ratio Lower Upper
202 100
200 21.5 17.2 25.8
203 17.6 13.7 20.5





#79

Terphenyl-d14

Concen: 75.384 ng

RT: 12.980 min Scan# 1834

Delta R.T. -0.012 min

Lab File: BF144294.D

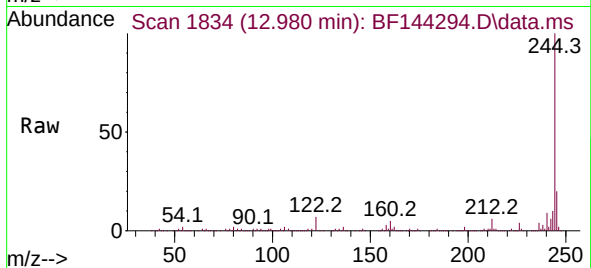
Acq: 20 Nov 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB170652BS



Tgt Ion:244 Resp: 67975

Ion Ratio Lower Upper

244 100

212 6.3 5.3 7.9

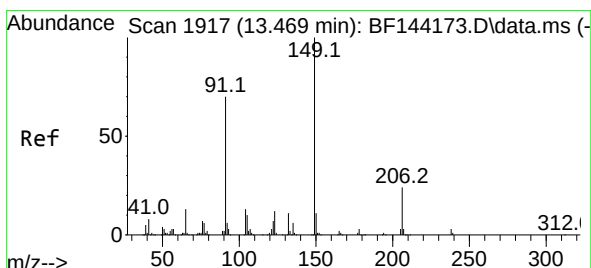
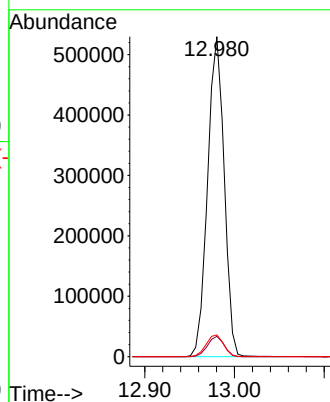
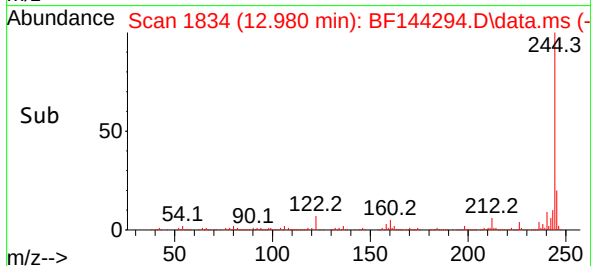
122 6.8 5.6 8.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/21/2025

Supervised By :mohammad ahmed 11/22/2025



#80

Butylbenzylphthalate

Concen: 43.487 ng

RT: 13.457 min Scan# 1915

Delta R.T. -0.012 min

Lab File: BF144294.D

Acq: 20 Nov 2025 14:54

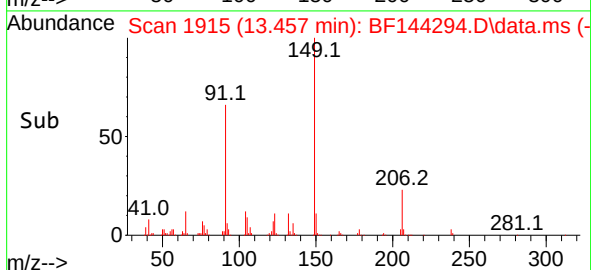
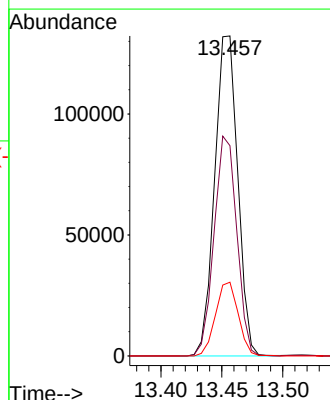
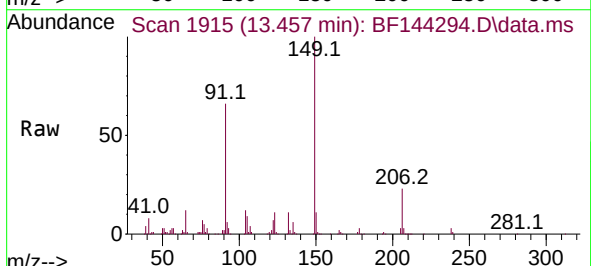
Tgt Ion:149 Resp: 174061

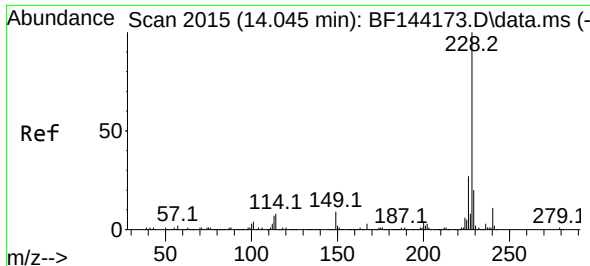
Ion Ratio Lower Upper

149 100

91 65.7 56.1 84.1

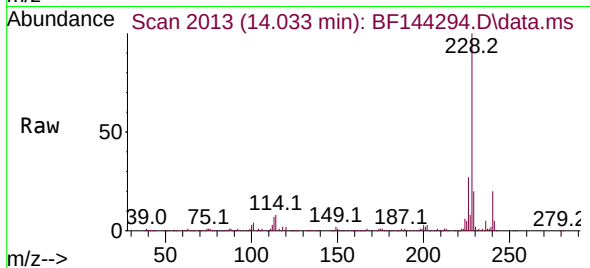
206 23.0 18.8 28.2





#81
Benzo(a)anthracene
Concen: 43.936 ng
RT: 14.033 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

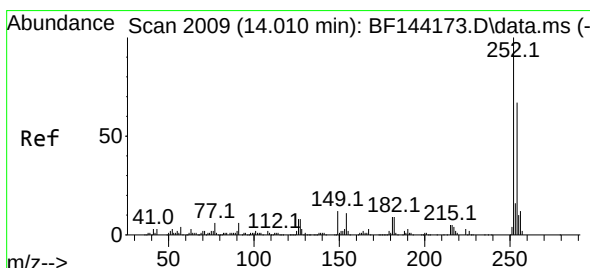
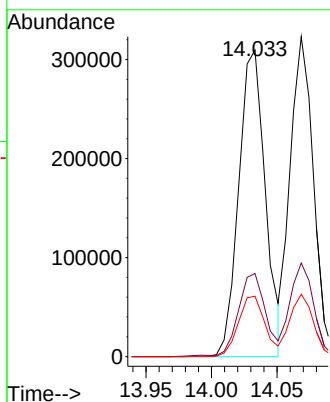
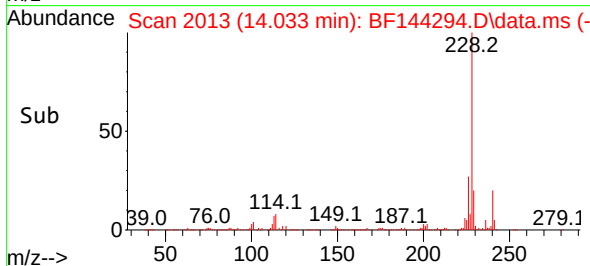
Instrument :
BNA_F
ClientSampleId :
PB170652BS



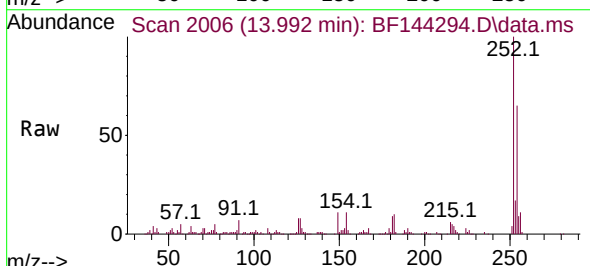
Tgt Ion:228 Resp: 436153
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.7 15.8 23.6

Manual Integrations
APPROVED

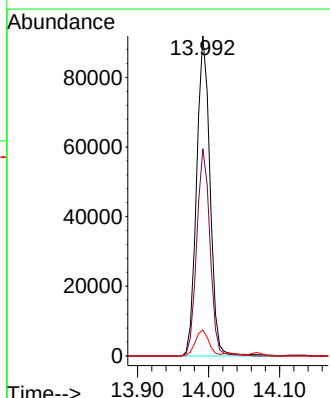
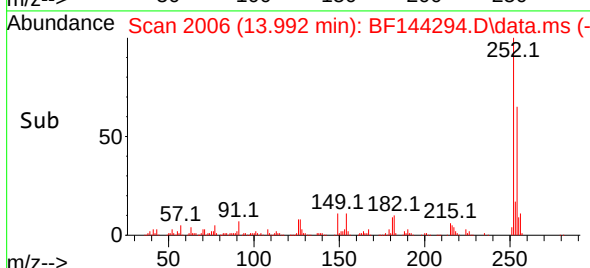
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

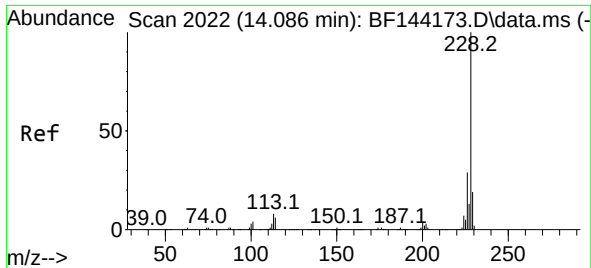


#82
3,3'-Dichlorobenzidine
Concen: 35.220 ng
RT: 13.992 min Scan# 2006
Delta R.T. -0.018 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54



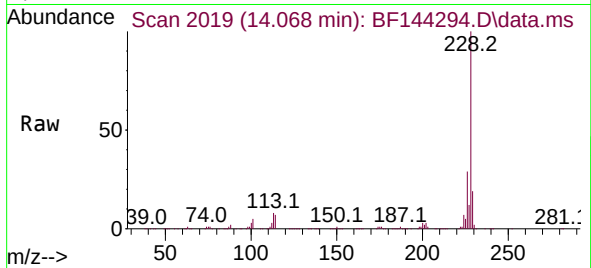
Tgt Ion:252 Resp: 119842
Ion Ratio Lower Upper
252 100
254 64.7 53.5 80.3
126 8.1 6.4 9.6





#83
Chrysene
Concen: 43.414 ng
RT: 14.068 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

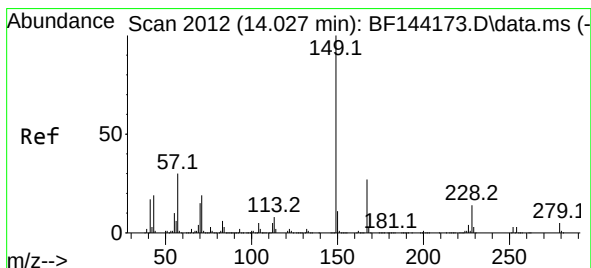
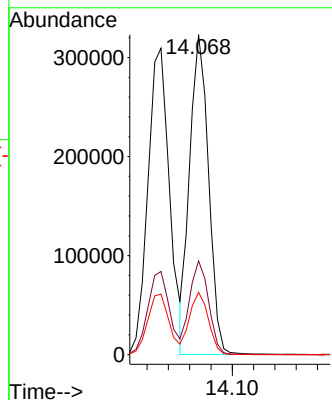
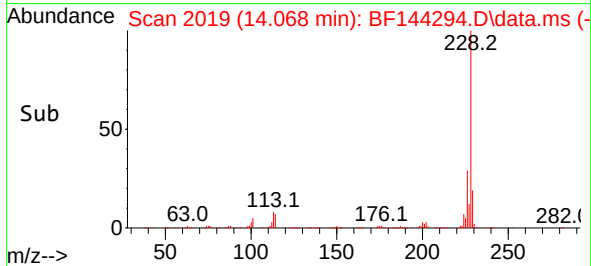
Instrument :
BNA_F
ClientSampleId :
PB170652BS



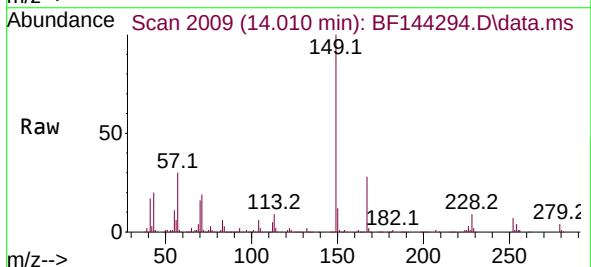
Tgt Ion:228 Resp: 397839
Ion Ratio Lower Upper
228 100
226 29.3 22.9 34.3
229 19.5 15.0 22.6

Manual Integrations
APPROVED

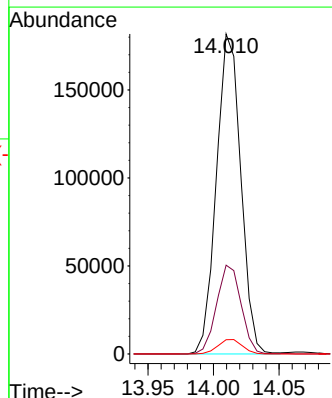
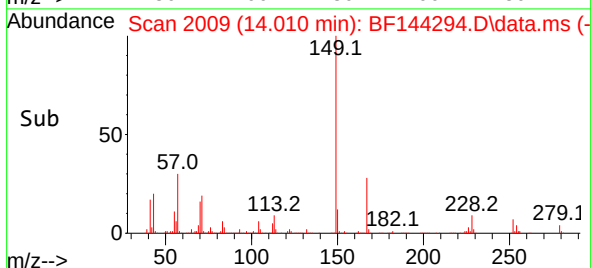
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

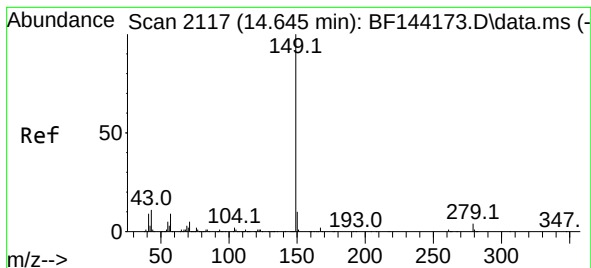


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.989 ng
RT: 14.010 min Scan# 2009
Delta R.T. -0.018 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54



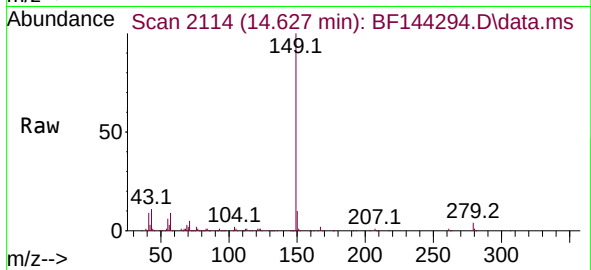
Tgt Ion:149 Resp: 235548
Ion Ratio Lower Upper
149 100
167 27.7 21.8 32.8
279 4.4 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 44.259 ng
RT: 14.627 min Scan# 2114
Delta R.T. -0.018 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

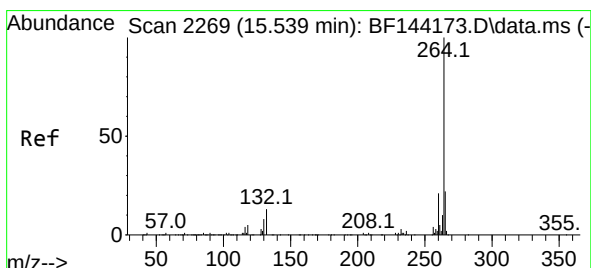
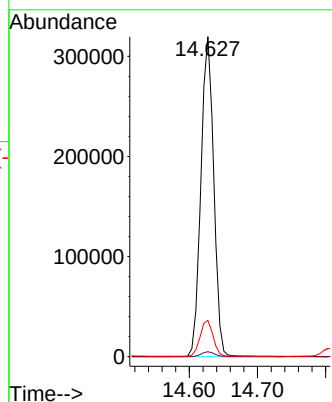
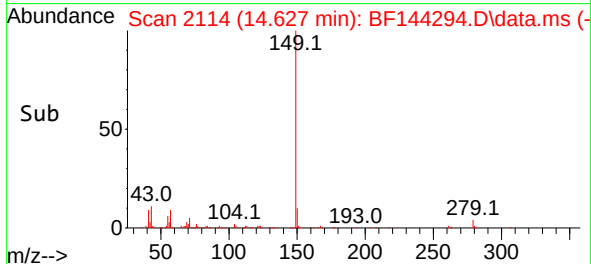
Instrument :
BNA_F
ClientSampleId :
PB170652BS



Tgt Ion:149 Resp: 418406
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.4 9.0 13.4

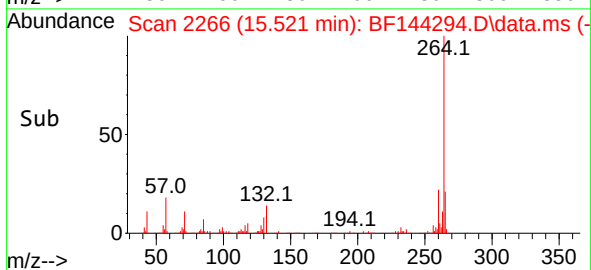
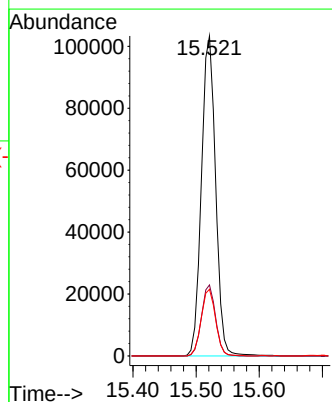
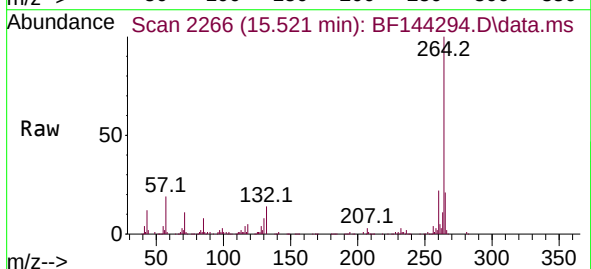
Manual Integrations
APPROVED

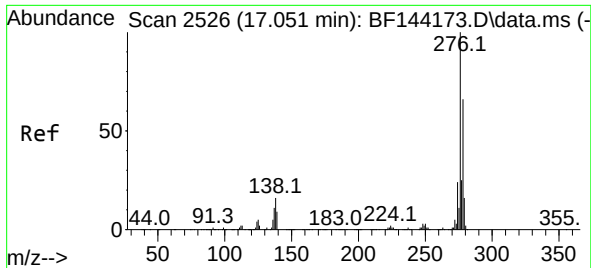
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

Tgt Ion:264 Resp: 161054
Ion Ratio Lower Upper
264 100
260 22.2 17.1 25.7
265 20.8 17.4 26.0





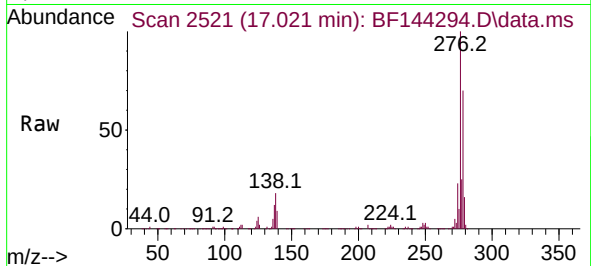
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.010 ng
RT: 17.021 min Scan# 2192
Delta R.T. -0.012 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB170652BS

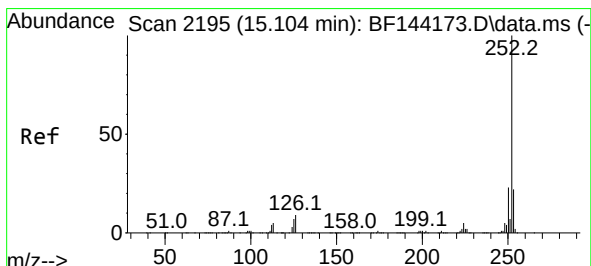
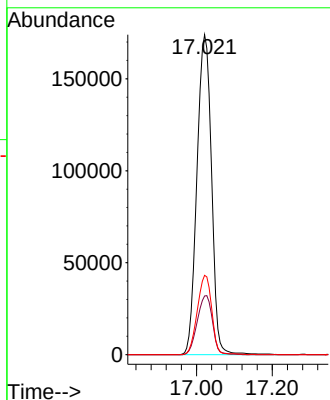
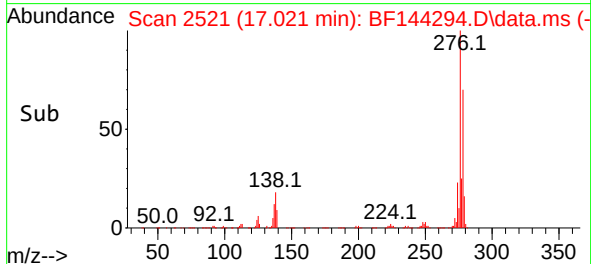


Tgt Ion:276 Resp: 462565
Ion Ratio Lower Upper
276 100
138 19.1 13.9 20.9
277 24.6 19.8 29.6

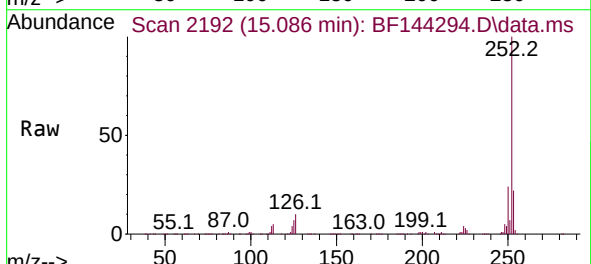
Manual Integrations

APPROVED

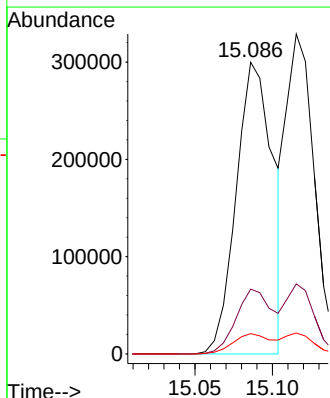
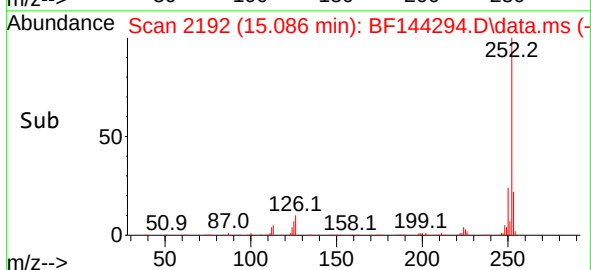
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

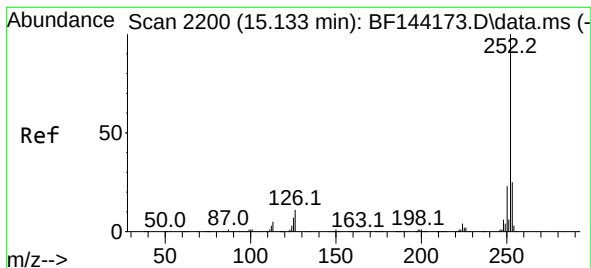


#88
Benzo(b)fluoranthene
Concen: 54.320 ng
RT: 15.086 min Scan# 2192
Delta R.T. -0.012 min
Lab File: BF144294.D
Acq: 20 Nov 2025 14:54



Tgt Ion:252 Resp: 497365
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 6.9 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 48.115 ng

RT: 15.115 min Scan# 2197

Delta R.T. -0.012 min

Lab File: BF144294.D

Acq: 20 Nov 2025 14:54

Instrument :

BNA_F

ClientSampleId :

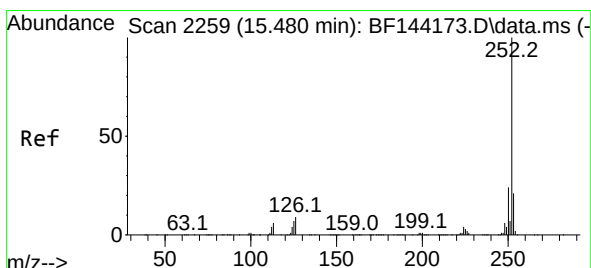
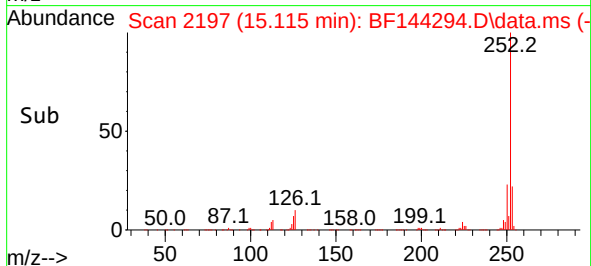
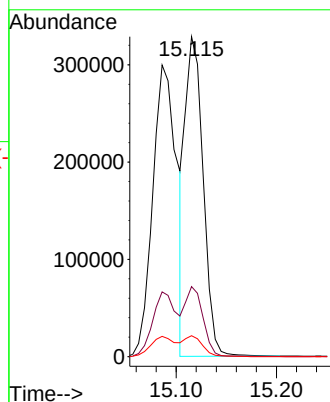
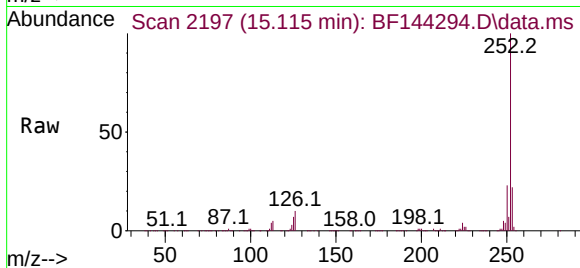
PB170652BS

Tgt Ion:252 Resp: 412352
 Ion Ratio Lower Upper
 252 100
 253 21.9 18.0 27.0
 125 6.5 5.4 8.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/21/2025
 Supervised By :mohammad ahmed 11/22/2025



#90

Benzo(a)pyrene

Concen: 50.239 ng

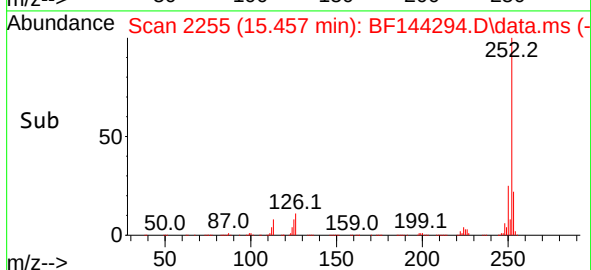
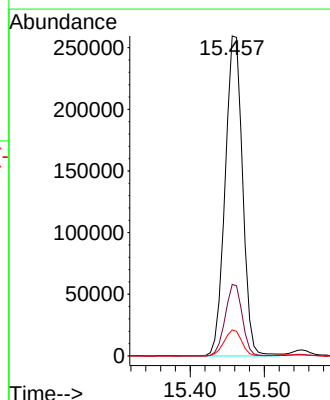
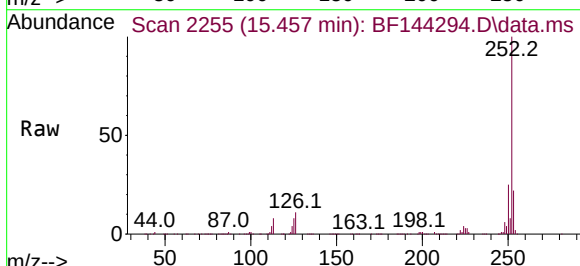
RT: 15.457 min Scan# 2255

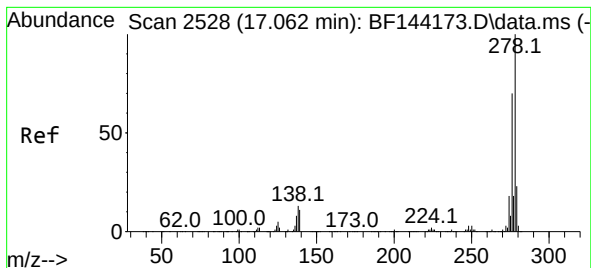
Delta R.T. -0.018 min

Lab File: BF144294.D

Acq: 20 Nov 2025 14:54

Tgt Ion:252 Resp: 424368
 Ion Ratio Lower Upper
 252 100
 253 22.3 16.7 25.1
 125 8.1 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 41.356 ng

RT: 17.033 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF144294.D

Acq: 20 Nov 2025 14:54

Instrument :

BNA_F

ClientSampleId :

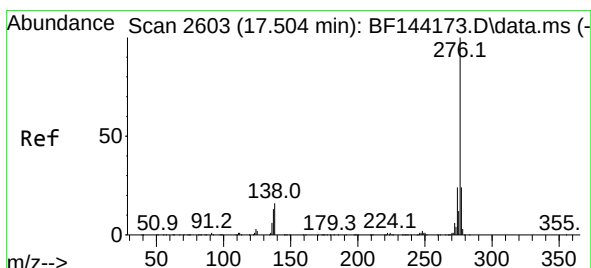
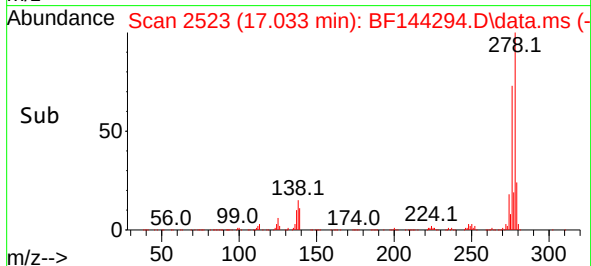
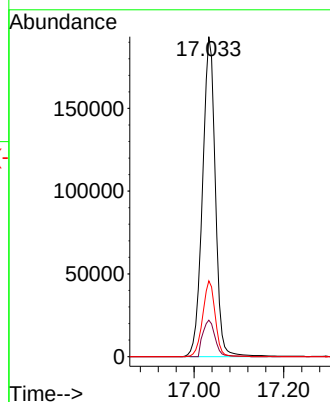
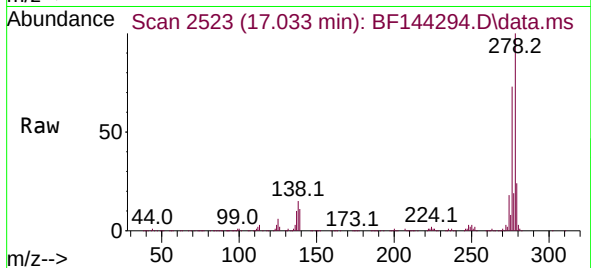
PB170652BS

Tgt Ion:278 Resp: 383984
 Ion Ratio Lower Upper
 278 100
 139 11.4 9.1 13.7
 279 23.7 18.2 27.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/21/2025
 Supervised By :mohammad ahmed 11/22/2025



#92

Benzo(g,h,i)perylene

Concen: 39.454 ng

RT: 17.474 min Scan# 2598

Delta R.T. -0.018 min

Lab File: BF144294.D

Acq: 20 Nov 2025 14:54

Tgt Ion:276 Resp: 361752
 Ion Ratio Lower Upper
 276 100
 277 23.7 19.0 28.4
 138 16.1 12.9 19.3

