

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
 Data File : BF144360.D
 Acq On : 26 Nov 2025 14:30
 Operator : RC/JU
 Sample : PB170735BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170735BS

Manual Integrations
 APPROVED

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

Quant Time: Nov 26 14:58:21 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	62512	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	243072	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	133431	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	215808	20.000	ng	#-0.01
76) Chrysene-d12	14.045	240	134794	20.000	ng	0.00
86) Perylene-d12	15.521	264	165299	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	447382	111.994	ng	0.00
7) Phenol-d6	6.498	99	512886	113.312	ng	0.00
23) Nitrobenzene-d5	7.428	82	328025	77.940	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	179624	107.276	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	702806	77.793	ng	0.00
79) Terphenyl-d14	12.980	244	649091	76.489	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	63396	38.386	ng	97
3) Pyridine	3.446	79	162211	35.205	ng	98
4) n-Nitrosodimethylamine	3.387	42	96312	40.018	ng	85
6) Aniline	6.528	93	201632	31.266	ng	# 87
8) 2-Chlorophenol	6.651	128	171879	43.874	ng	97
9) Benzaldehyde	6.416	77	124314	48.638	ng	99
10) Phenol	6.516	94	224044	40.513	ng	86
11) bis(2-Chloroethyl)ether	6.598	93	178307	44.249	ng	99
12) 1,3-Dichlorobenzene	6.804	146	198783	41.121	ng	98
13) 1,4-Dichlorobenzene	6.881	146	203695	42.059	ng	99
14) 1,2-Dichlorobenzene	7.034	146	196702	42.375	ng	99
15) Benzyl Alcohol	7.004	79	154241	43.035	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	337314	45.456	ng	90
17) 2-Methylphenol	7.122	107	133053	42.692	ng	96
18) Hexachloroethane	7.369	117	66621	41.405	ng	92
19) n-Nitroso-di-n-propyla...	7.275	70	124149	41.665	ng	97
20) 3+4-Methylphenols	7.275	107	153173	41.693	ng	92
22) Acetophenone	7.275	105	236329	45.322	ng	98
24) Nitrobenzene	7.445	77	186706	40.858	ng	96
25) Isophorone	7.687	82	348682	43.800	ng	98
26) 2-Nitrophenol	7.763	139	99780	44.110	ng	96
27) 2,4-Dimethylphenol	7.798	122	161642	47.676	ng	98
28) bis(2-Chloroethoxy)met...	7.892	93	220667	44.389	ng	98
29) 2,4-Dichlorophenol	8.004	162	161736	41.389	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	172217	42.919	ng	96
31) Naphthalene	8.169	128	474435	41.032	ng	99
32) Benzoic acid	7.934	122	116638	46.932	ng	93
33) 4-Chloroaniline	8.216	127	109190	25.892	ng	98
34) Hexachlorobutadiene	8.281	225	116667	38.579	ng	99
35) Caprolactam	8.592	113	48709m	45.497	ng	
36) 4-Chloro-3-methylphenol	8.704	107	146282	41.770	ng	99
37) 2-Methylnaphthalene	8.857	142	296221	38.317	ng	100
38) 1-Methylnaphthalene	8.957	142	299567	40.160	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	197809	45.235	ng	99
41) Hexachlorocyclopentadiene	9.010	237	122939	74.159	ng	97
43) 2,4,6-Trichlorophenol	9.139	196	120737	40.566	ng	99

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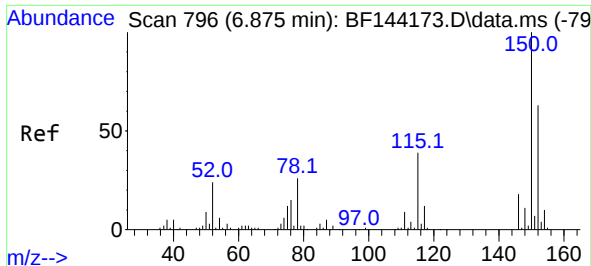
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	129840	40.476	ng	98
46) 1,1'-Biphenyl	9.322	154	436999	46.919	ng	99
47) 2-Chloronaphthalene	9.351	162	327853	41.266	ng	99
48) 2-Nitroaniline	9.445	65	98103	42.796	ng	96
49) Acenaphthylene	9.763	152	507247	46.852	ng	100
50) Dimethylphthalate	9.622	163	389505	44.064	ng	99
51) 2,6-Dinitrotoluene	9.692	165	83030	46.401	ng	91
52) Acenaphthene	9.939	154	279188	38.562	ng	99
53) 3-Nitroaniline	9.863	138	61989	31.690	ng	96
54) 2,4-Dinitrophenol	9.975	184	83999	77.738	ng	98
55) Dibenzofuran	10.110	168	420507	41.471	ng	98
56) 4-Nitrophenol	10.033	139	91018	64.325	ng	94
57) 2,4-Dinitrotoluene	10.098	165	104056	43.439	ng	97
58) Fluorene	10.457	166	328997	42.675	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	96596	42.562	ng	99
60) Diethylphthalate	10.322	149	349165	42.849	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	177973	40.527	ng	99
62) 4-Nitroaniline	10.475	138	73519	39.466	ng	90
63) Azobenzene	10.604	77	335293	44.212	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	61656	42.055	ng	95
66) n-Nitrosodiphenylamine	10.563	169	318960	45.953	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	116495	42.291	ng	97
68) Hexachlorobenzene	11.004	284	136422	42.047	ng	97
69) Atrazine	11.092	200	98014	44.403	ng	98
70) Pentachlorophenol	11.204	266	128729	79.676	ng	98
71) Phenanthrene	11.422	178	466230	43.391	ng	99
72) Anthracene	11.469	178	461409	42.232	ng	99
73) Carbazole	11.627	167	388712	41.840	ng	100
74) Di-n-butylphthalate	11.951	149	502995	44.786	ng	98
75) Fluoranthene	12.610	202	454684	40.965	ng	99
77) Benzidine	12.733	184	72952	18.297	ng	99
78) Pyrene	12.839	202	452414	41.627	ng	99
80) Butylbenzylphthalate	13.457	149	168470	44.725	ng	99
81) Benzo(a)anthracene	14.033	228	407888	43.661	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	118978	37.154	ng	97
83) Chrysene	14.068	228	371894	43.123	ng	97
84) Bis(2-ethylhexyl)phtha...	14.010	149	247038	47.908	ng	100
85) Di-n-octyl phthalate	14.627	149	453732	51.000	ng	100
87) Indeno(1,2,3-cd)pyrene	17.033	276	543435	45.798	ng	97
88) Benzo(b)fluoranthene	15.092	252	510236	54.294	ng	99
89) Benzo(k)fluoranthene	15.121	252	395532	44.967	ng	99
90) Benzo(a)pyrene	15.462	252	445511	51.387	ng	98
91) Dibenzo(a,h)anthracene	17.045	278	451681	47.398	ng	99
92) Benzo(g,h,i)perylene	17.486	276	453226	48.162	ng	98

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



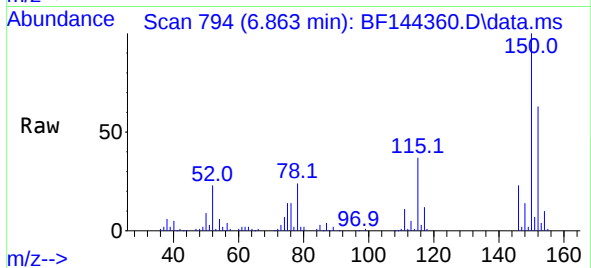
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

PB170735BS

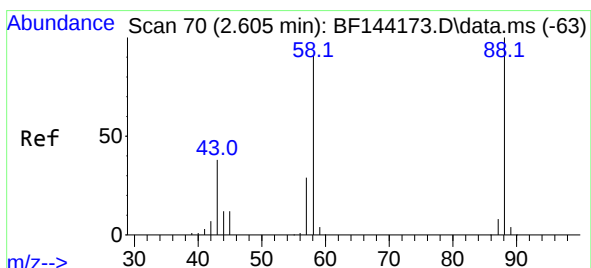
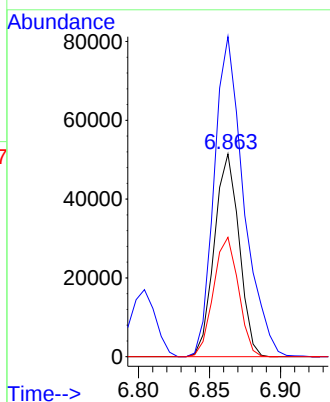
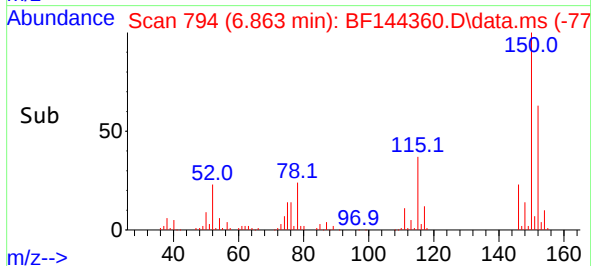


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Ion Ratio Lower Upper
152 100
150 157.8 127.4 191.0
115 58.8 49.5 74.3

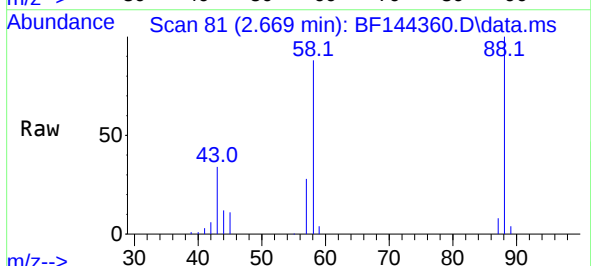
Manual Integrations

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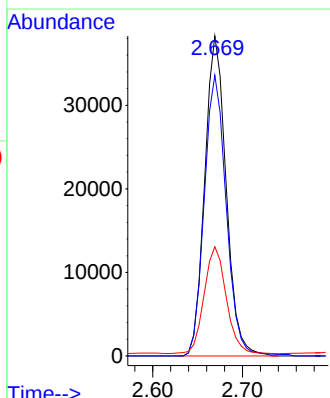
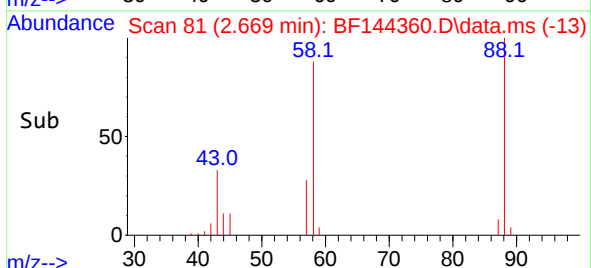
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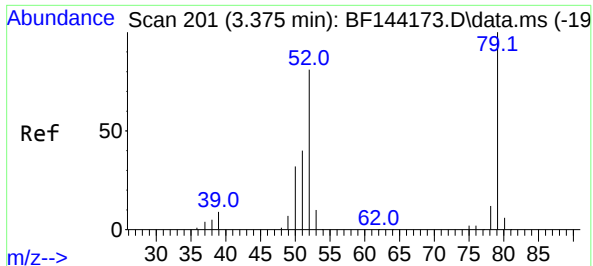


#2
1,4-Dioxane
Concen: 38.386 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.053 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30



Tgt Ion: 88 Resp: 63396
Ion Ratio Lower Upper
88 100
58 90.2 73.1 109.7
43 34.5 31.0 46.6





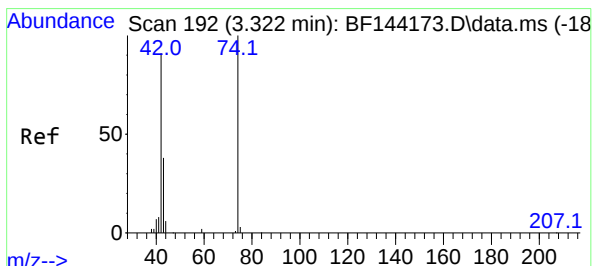
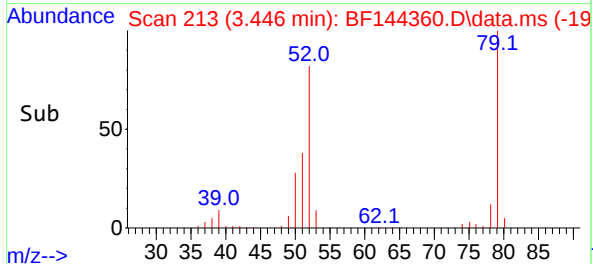
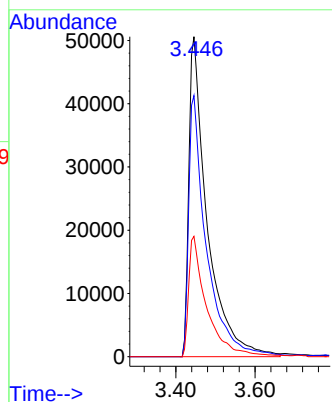
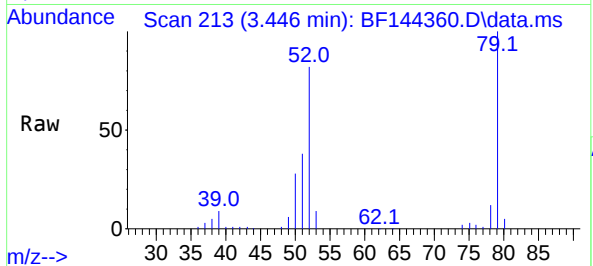
#3
Pyridine
Concen: 35.205 ng
RT: 3.446 min Scan# 213
Delta R.T. 0.035 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Instrument :
BNA_F
ClientSampleId :
PB170735BS

Tgt Ion: 79 Resp: 16221
Ion Ratio Lower Upper
79 100
52 81.6 64.5 96.7
51 37.6 31.7 47.5

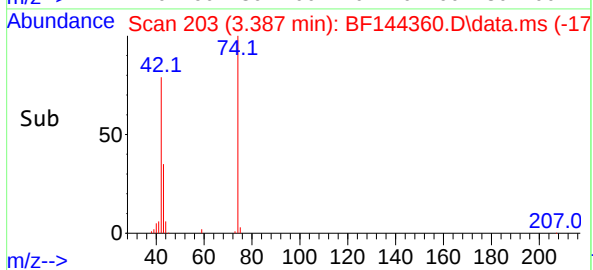
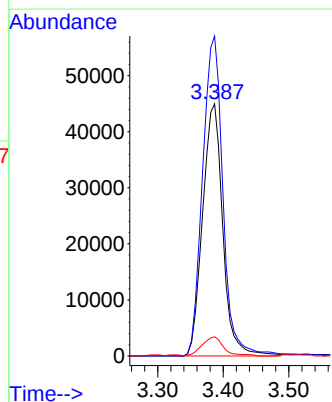
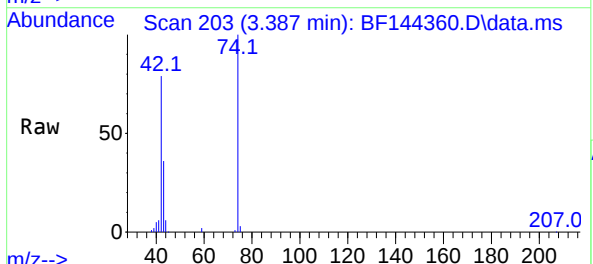
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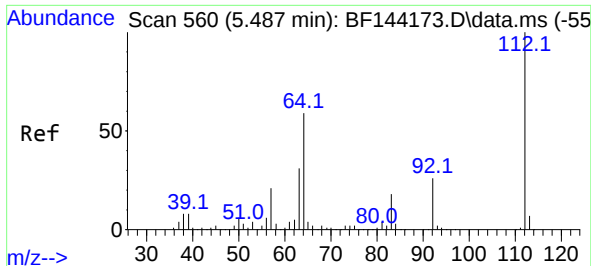
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#4
n-Nitrosodimethylamine
Concen: 40.018 ng
RT: 3.387 min Scan# 203
Delta R.T. 0.041 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion: 42 Resp: 96312
Ion Ratio Lower Upper
42 100
74 126.9 88.2 132.4
44 7.6 5.7 8.5





#5
2-Fluorophenol
Concen: 111.994 ng
RT: 5.493 min Scan# 509
Delta R.T. -0.000 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

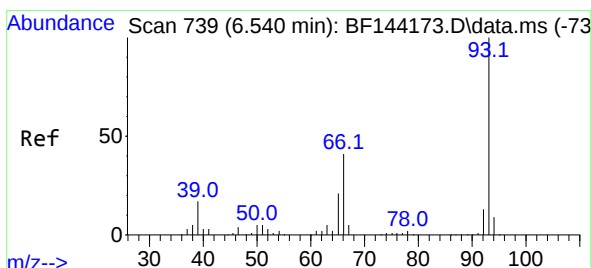
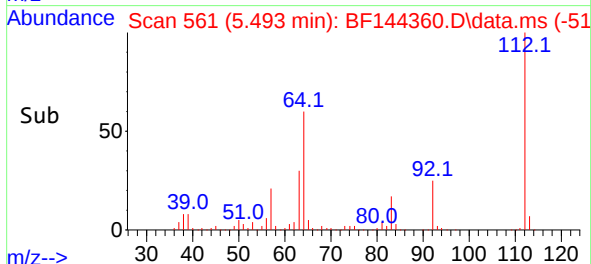
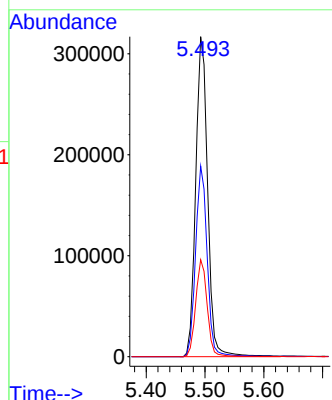
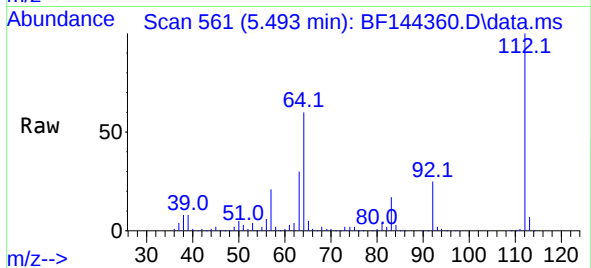
PB170735BS

Tgt Ion:112 Resp: 447382
Ion Ratio Lower Upper
112 100
64 59.6 47.2 70.8
63 30.3 24.4 36.6

Manual Integrations

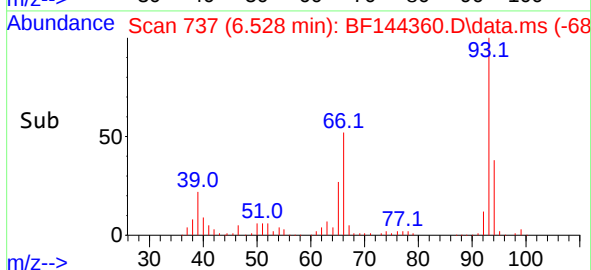
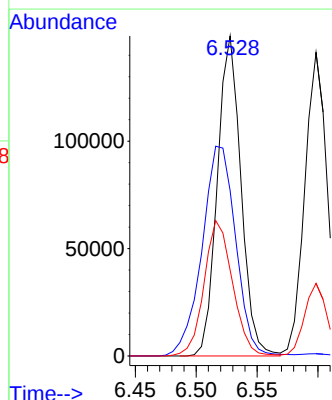
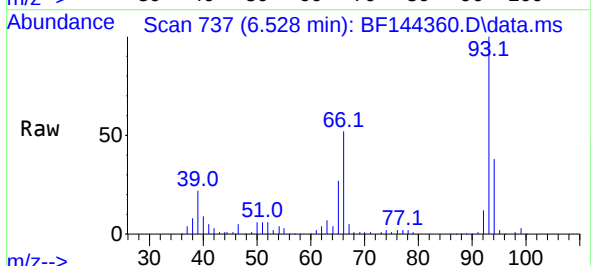
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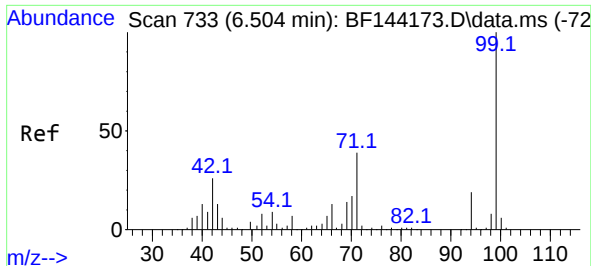
Reviewed By :Jagrut Upadhyay 12/02/2025
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#6
Aniline
Concen: 31.266 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

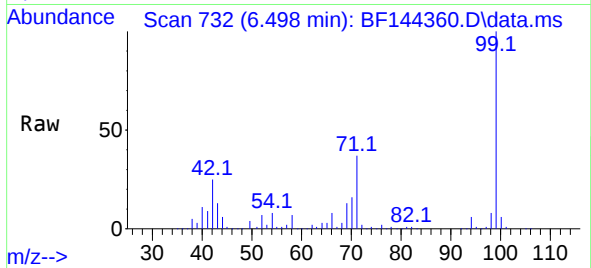
Tgt Ion: 93 Resp: 201632
Ion Ratio Lower Upper
93 100
66 51.7 34.3 51.5#
65 26.8 16.9 25.3#





#7
Phenol-d6
Concen: 113.312 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

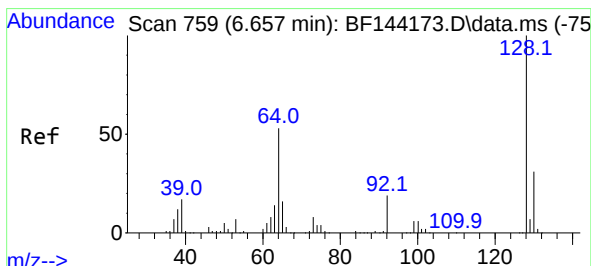
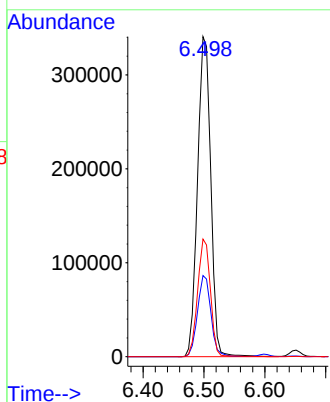
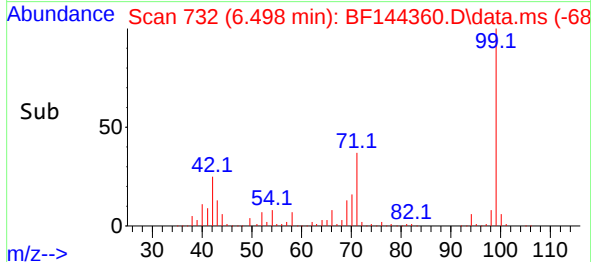
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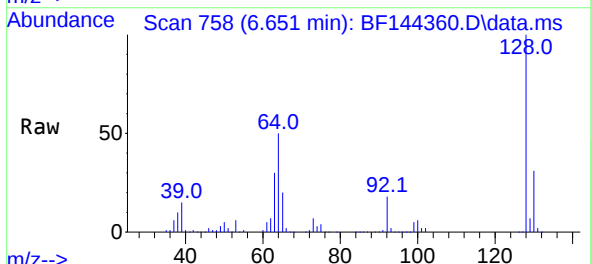
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Ion Ratio Lower Upper
99 100
42 25.4 20.9 31.3
71 36.8 31.4 47.2

Manual Integrations
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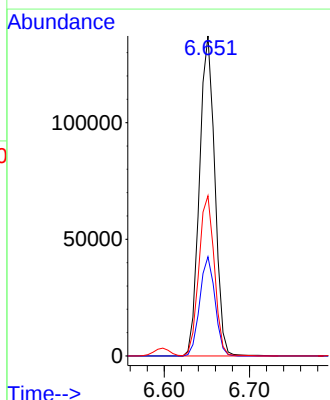
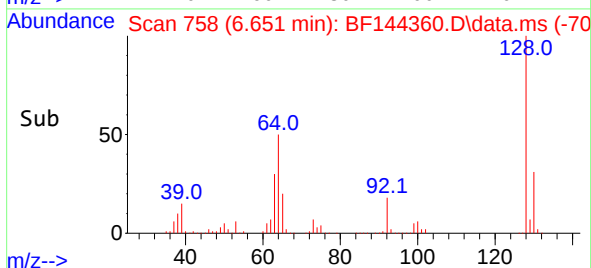
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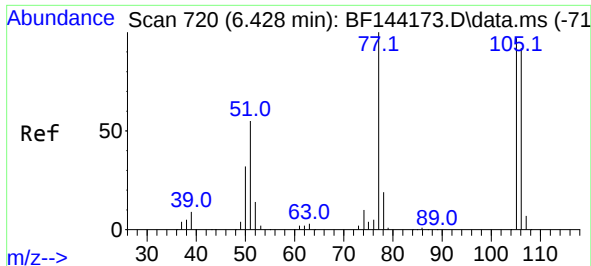


#8
2-Chlorophenol
Concen: 43.874 ng
RT: 6.651 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30



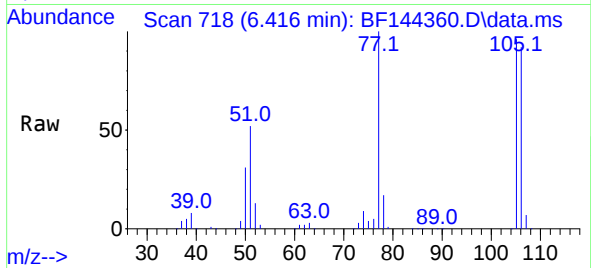
Tgt Ion:128 Resp: 171879
Ion Ratio Lower Upper
128 100
130 31.0 10.5 50.5
64 50.1 33.2 73.2





#9
Benzaldehyde
Concen: 48.638 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

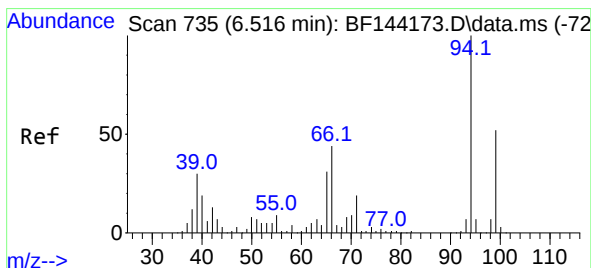
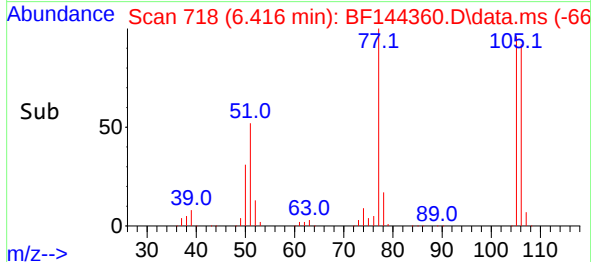
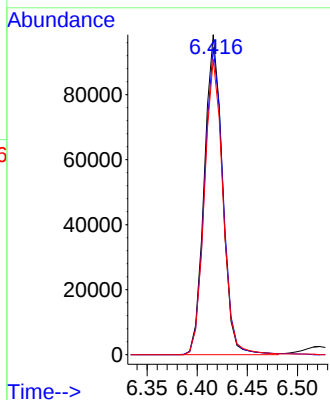
Instrument :
BNA_F
ClientSampleId :
PB170735BS



Tgt Ion: 77 Resp: 124314
Ion Ratio Lower Upper
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105 96.0 77.2 117.2
106 92.4 72.2 112.2

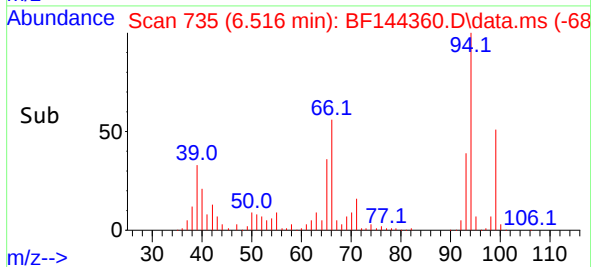
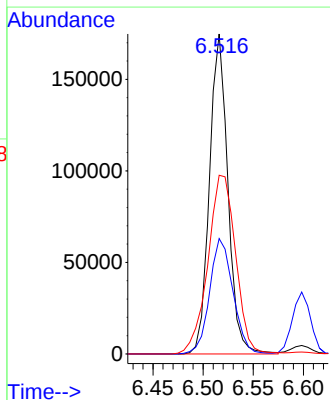
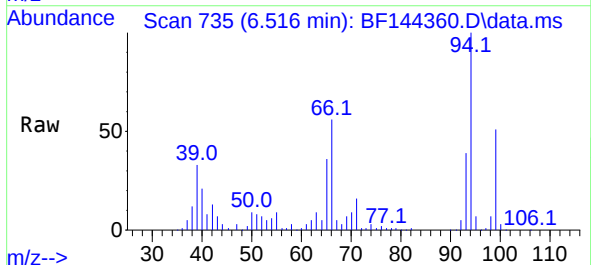
Manual Integrations
APPROVED

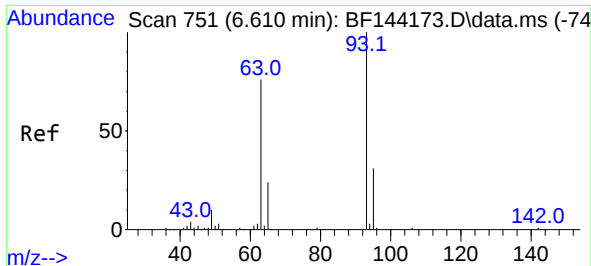
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#10
Phenol
Concen: 40.513 ng
RT: 6.516 min Scan# 735
Delta R.T. 0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

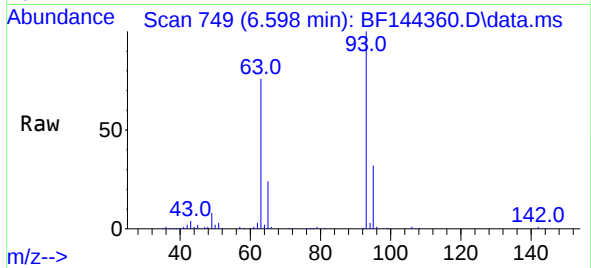
Tgt Ion: 94 Resp: 224044
Ion Ratio Lower Upper
94 100
65 36.1 10.8 50.8
66 55.9 24.3 64.3





#11
bis(2-Chloroethyl)ether
Concen: 44.249 ng
RT: 6.598 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

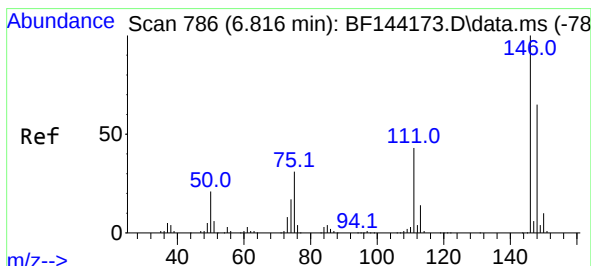
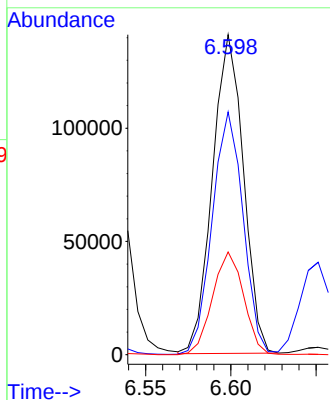
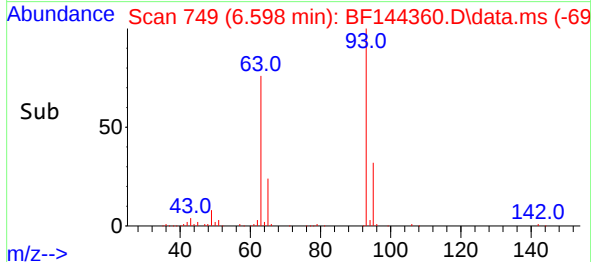
Instrument :
BNA_F
ClientSampleId :
PB170735BS



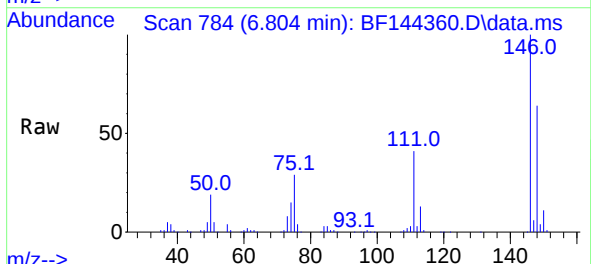
Tgt Ion: 93 Resp: 17830
Ion Ratio Lower Upper
93 100
63 75.8 55.2 95.2
95 32.1 11.2 51.2

Manual Integrations
APPROVED

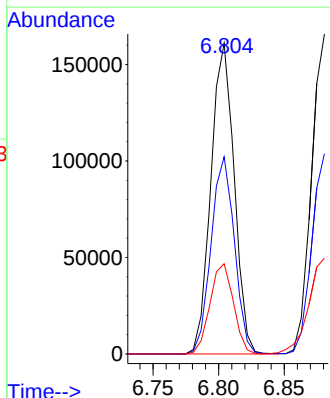
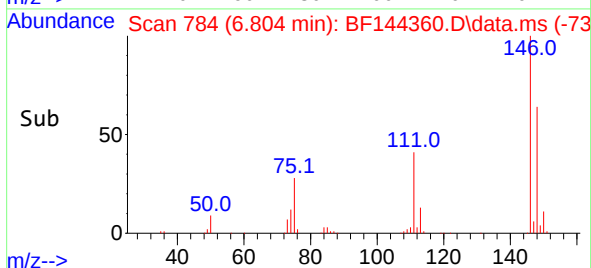
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

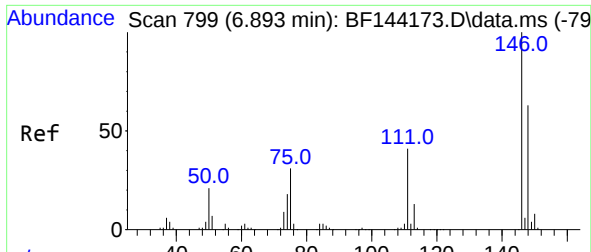


#12
1,3-Dichlorobenzene
Concen: 41.121 ng
RT: 6.804 min Scan# 784
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30



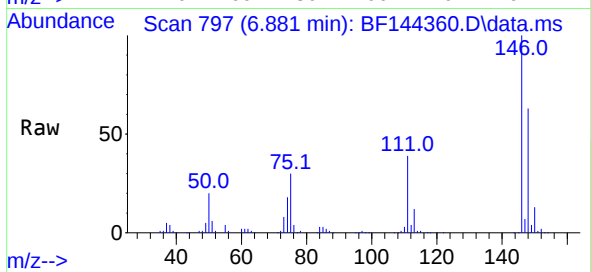
Tgt Ion:146 Resp: 198783
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.8
75 29.1 25.0 37.4





#13
1,4-Dichlorobenzene
Concen: 42.059 ng
RT: 6.881 min Scan# 799
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

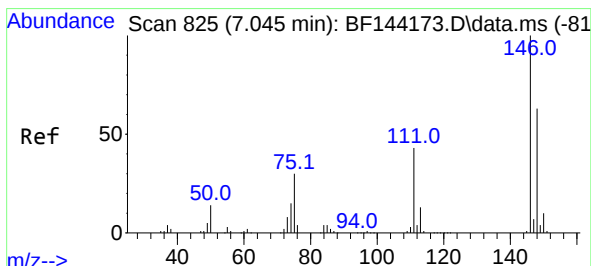
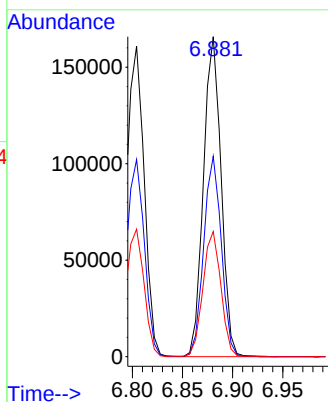
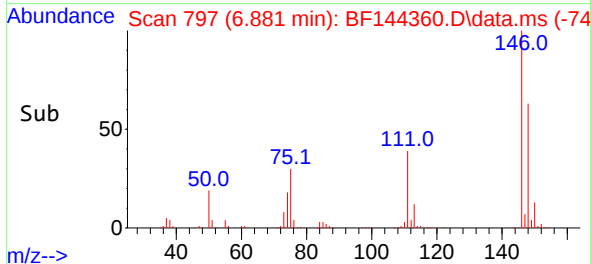
Instrument :
BNA_F
ClientSampleId :
PB170735BS



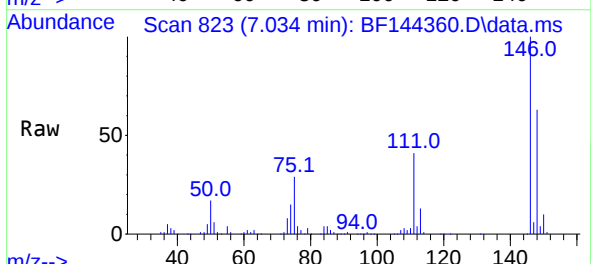
Tgt Ion:146 Resp: 20369
Ion Ratio Lower Upper
146 100
148 62.6 50.2 75.2
111 39.1 32.6 48.8

Manual Integrations
APPROVED

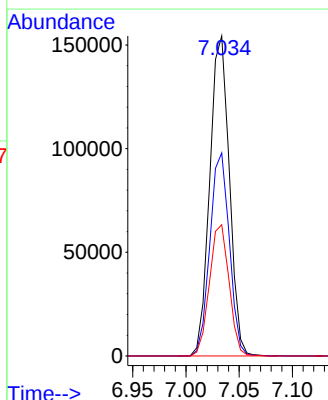
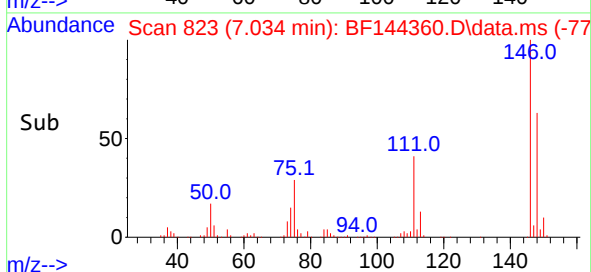
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

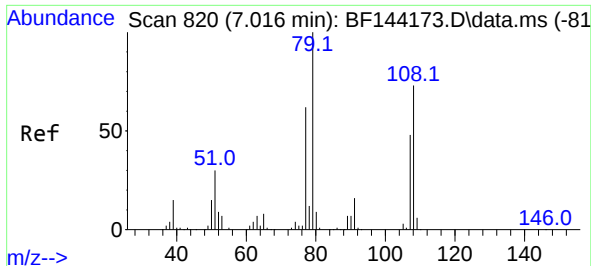


#14
1,2-Dichlorobenzene
Concen: 42.375 ng
RT: 7.034 min Scan# 823
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30



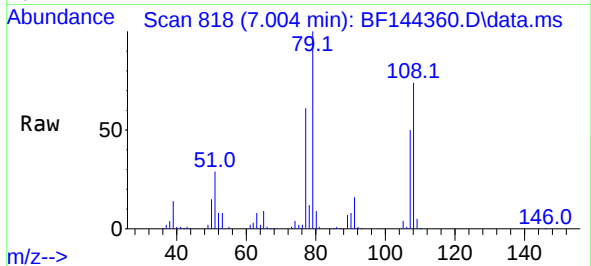
Tgt Ion:146 Resp: 196702
Ion Ratio Lower Upper
146 100
148 63.5 50.7 76.1
111 41.0 34.2 51.4





#15
Benzyl Alcohol
Concen: 43.035 ng
RT: 7.004 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

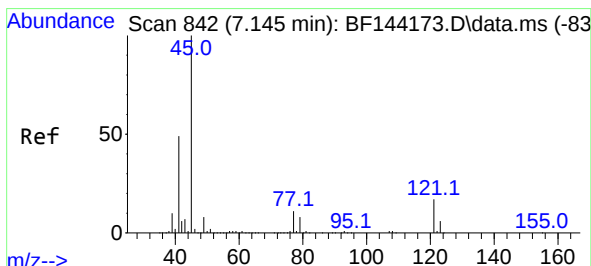
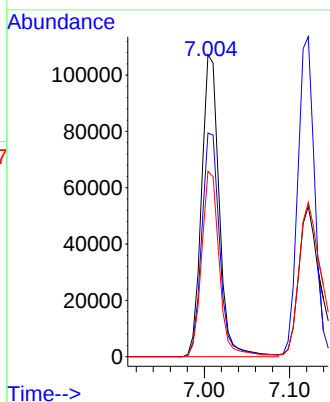
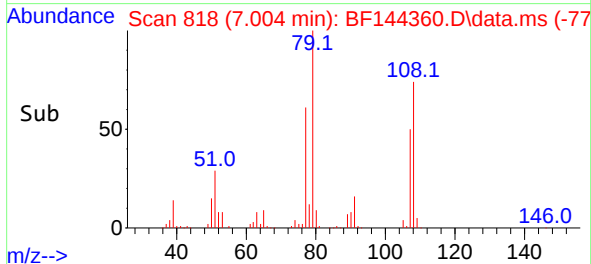
Instrument :
BNA_F
ClientSampleId :
PB170735BS



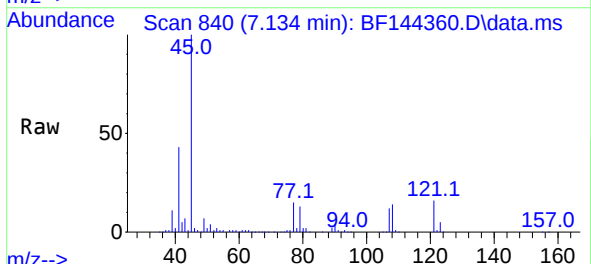
Tgt Ion: 79 Resp: 15424
Ion Ratio Lower Upper
79 100
108 74.0 58.2 87.4
77 61.4 49.9 74.9

Manual Integrations
APPROVED

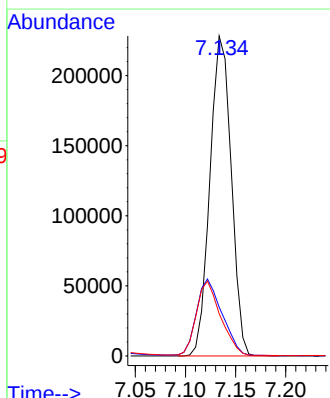
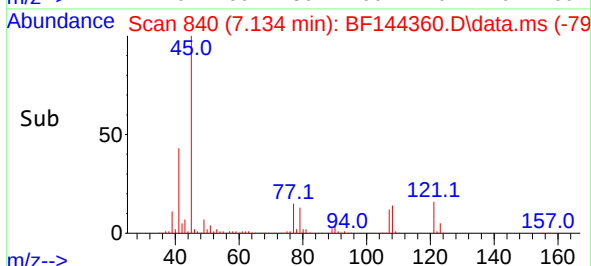
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

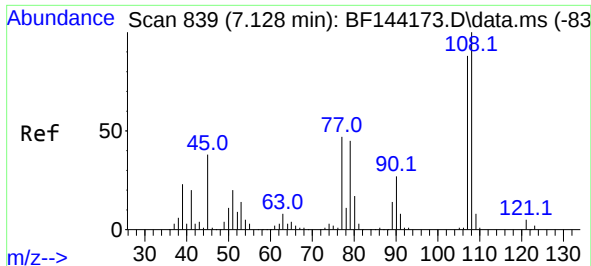


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.456 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30



Tgt Ion: 45 Resp: 337314
Ion Ratio Lower Upper
45 100
77 15.3 0.0 31.8
79 13.2 0.0 29.1





#17
2-Methylphenol
Concen: 42.692 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

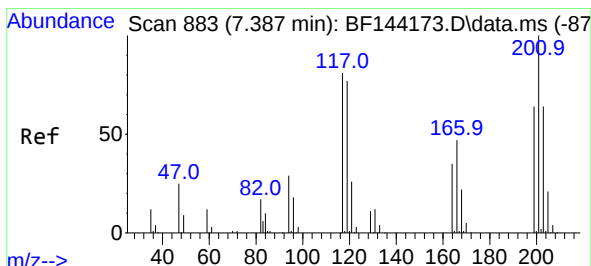
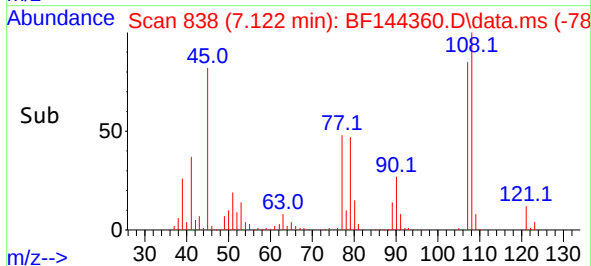
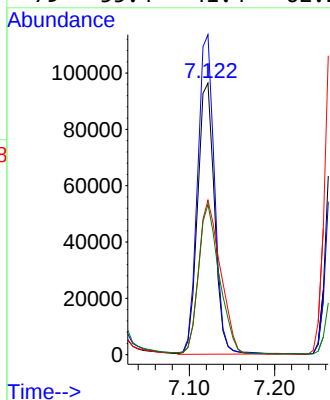
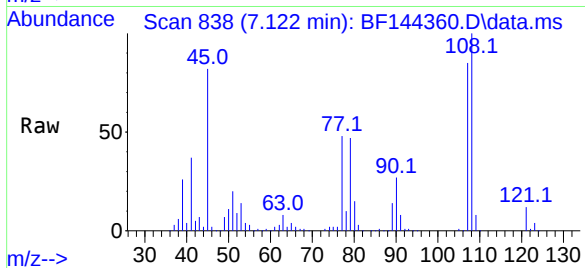
PB170735BS

Tgt Ion:107 Resp: 13305
Ion Ratio Lower Upper
107 100
108 117.9 91.0 136.4
77 56.9 42.7 64.1
79 55.4 41.4 62.2

Manual Integrations

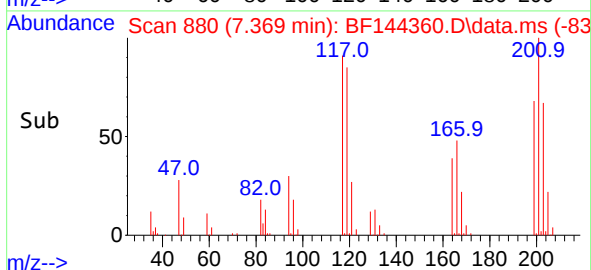
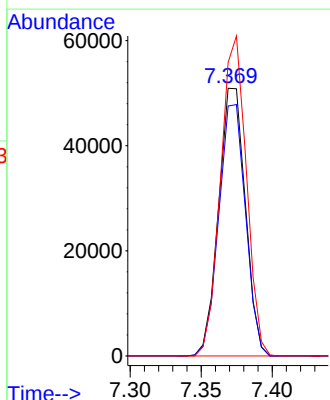
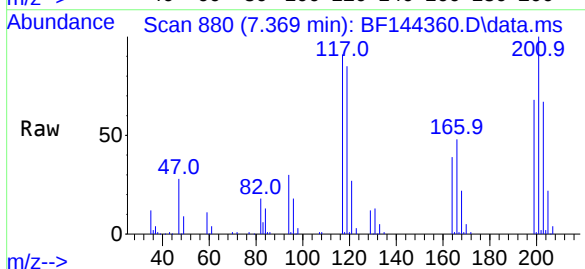
APPROVED

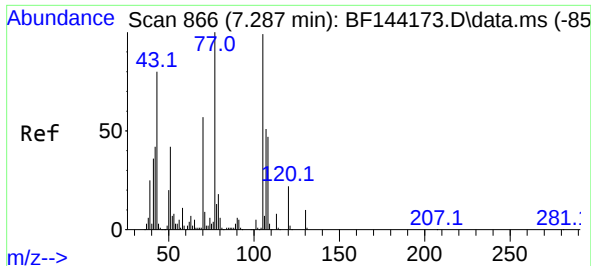
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#18
Hexachloroethane
Concen: 41.405 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.018 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:117 Resp: 66621
Ion Ratio Lower Upper
117 100
119 93.4 75.8 113.8
201 109.7 98.9 148.3





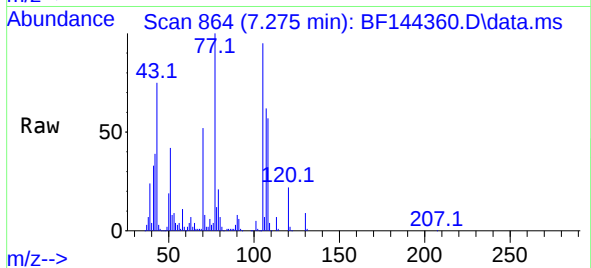
#19
n-Nitroso-di-n-propylamine
Concen: 41.665 ng
RT: 7.275 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

PB170735BS

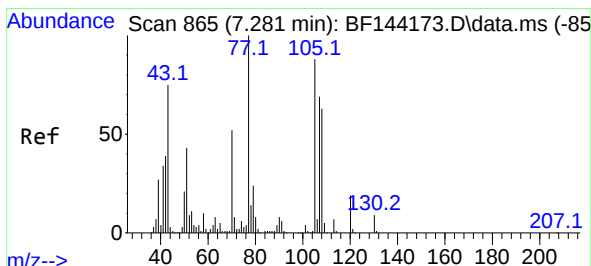
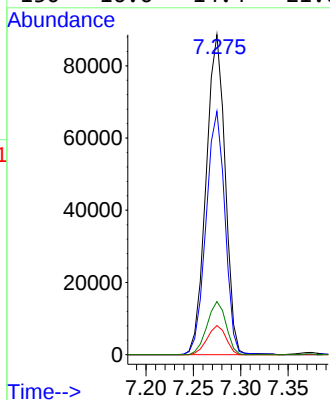
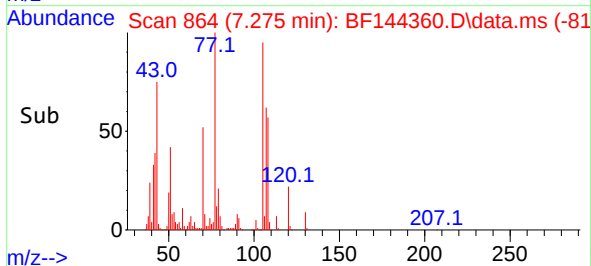


Tgt Ion: 70 Resp: 124149
Ion Ratio Lower Upper
70 100
42 76.0 58.3 87.5
101 9.1 7.0 10.6
130 16.6 14.4 21.6

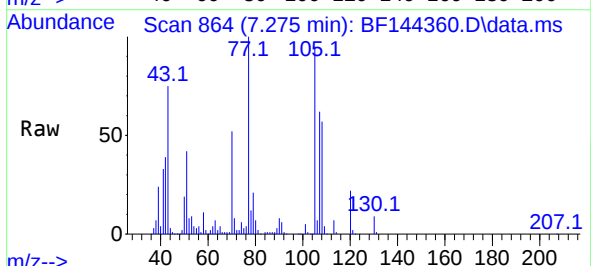
Manual Integrations

APPROVED

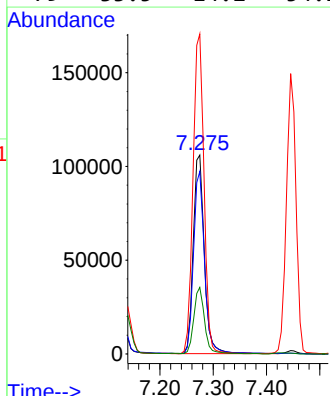
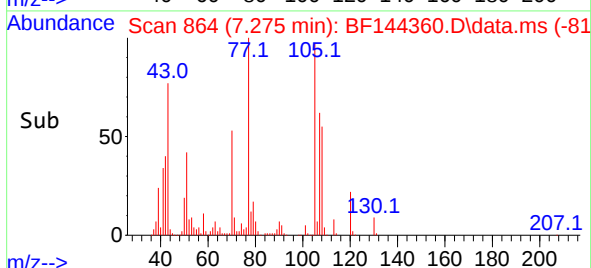
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

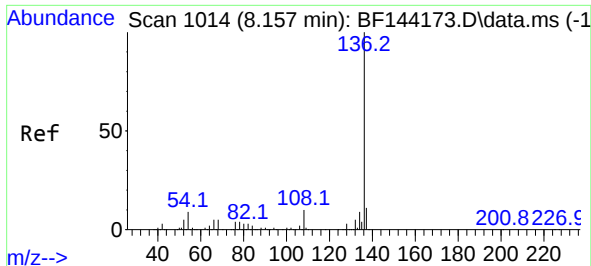


#20
3+4-Methylphenols
Concen: 41.693 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30



Tgt Ion:107 Resp: 153173
Ion Ratio Lower Upper
107 100
108 91.7 70.2 110.2
77 160.9 123.9 163.9
79 33.5 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: BF144360.D
Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

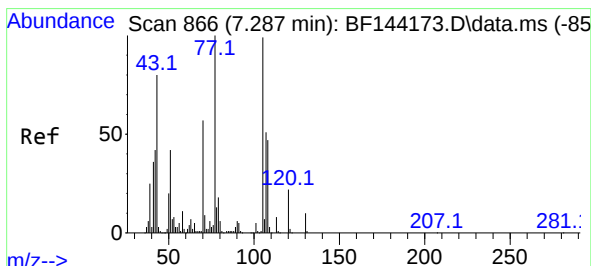
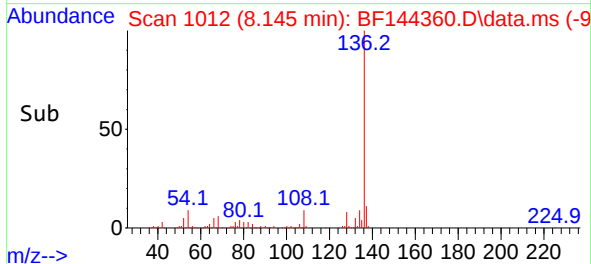
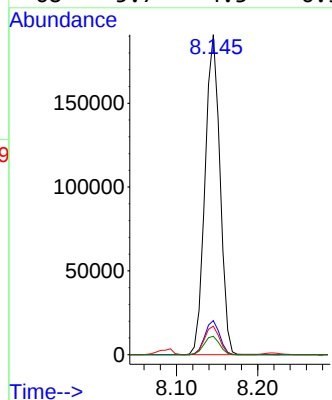
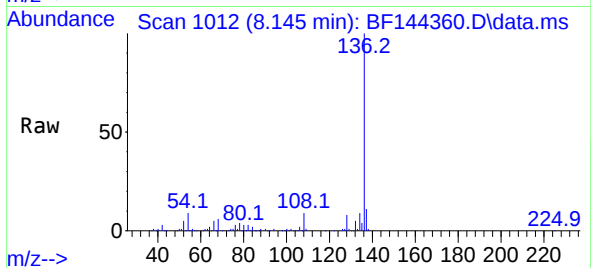
PB170735BS

Tgt Ion:136 Resp: 243072
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.9 7.0 10.6
68 5.7 4.3 6.5

Manual Integrations

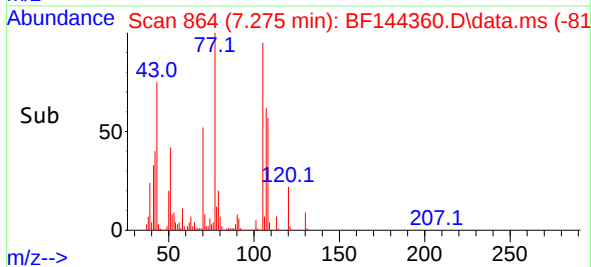
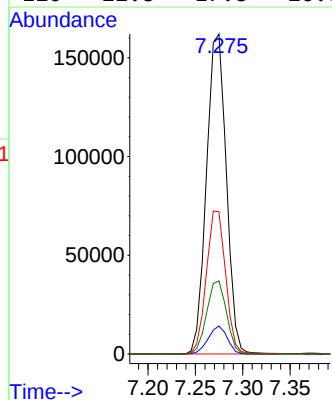
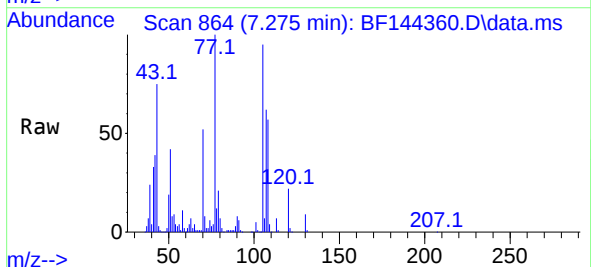
APPROVED

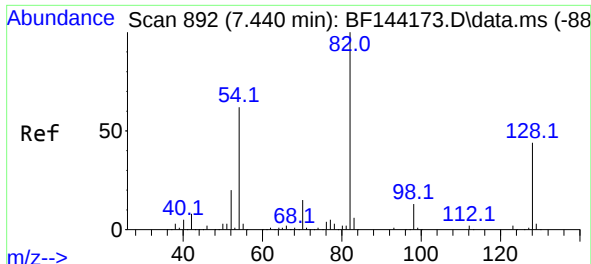
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#22
Acetophenone
Concen: 45.322 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:105 Resp: 236329
Ion Ratio Lower Upper
105 100
71 8.7 7.2 10.8
51 44.4 34.0 51.0
120 22.8 17.8 26.6





#23
Nitrobenzene-d5
Concen: 77.940 ng
RT: 7.428 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

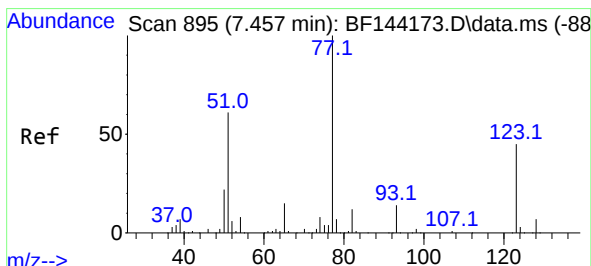
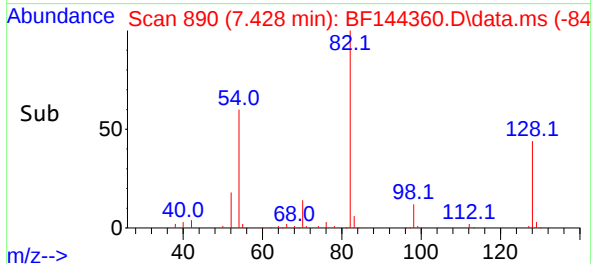
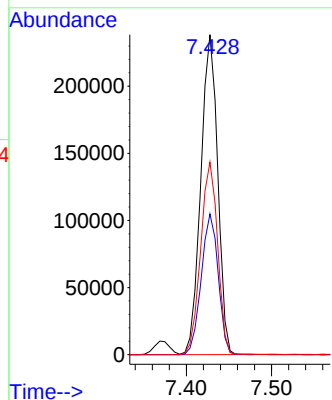
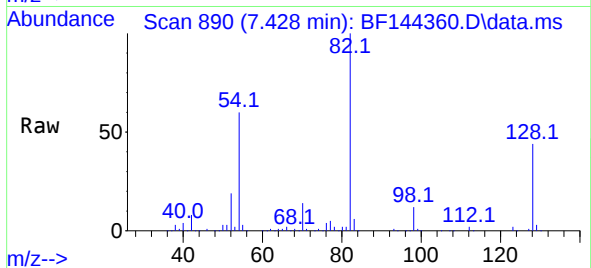
PB170735BS

Tgt Ion: 82 Resp: 328025
Ion Ratio Lower Upper
82 100
128 44.0 34.7 52.1
54 60.1 49.5 74.3

Manual Integrations

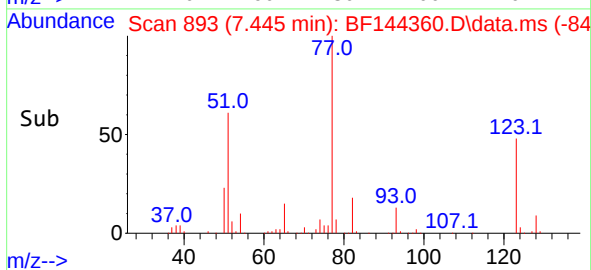
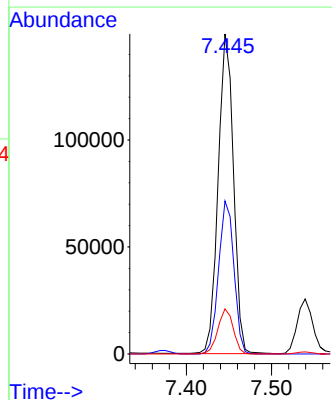
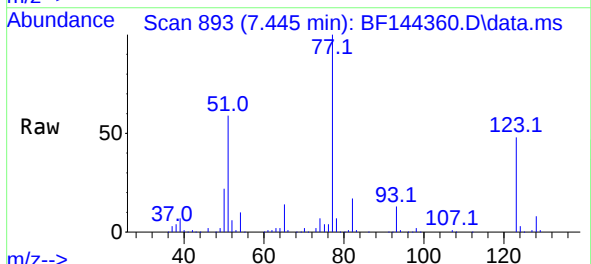
APPROVED

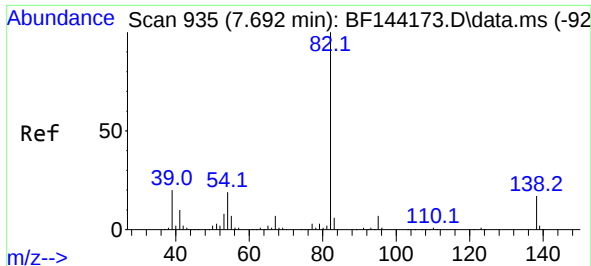
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#24
Nitrobenzene
Concen: 40.858 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion: 77 Resp: 186706
Ion Ratio Lower Upper
77 100
123 47.8 35.8 53.8
65 14.1 12.2 18.2





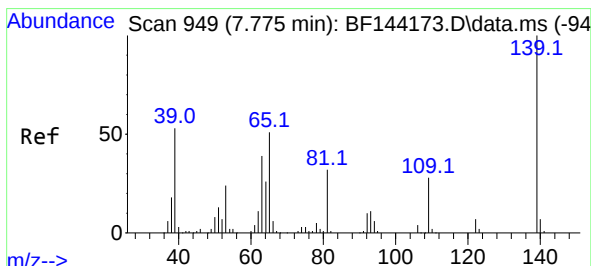
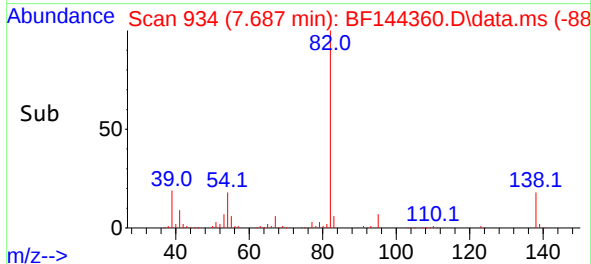
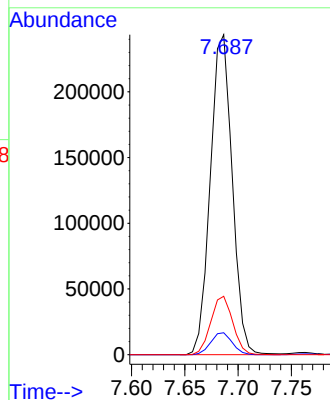
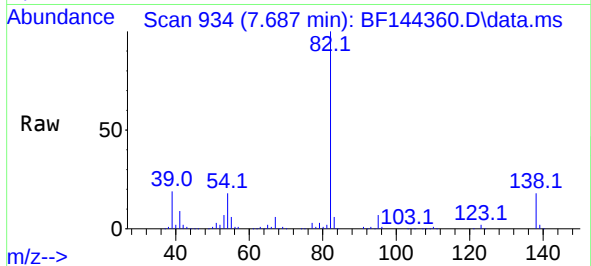
#25
Isophorone
Concen: 43.800 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Instrument :
BNA_F
ClientSampleId :
PB170735BS

Tgt Ion: 82 Resp: 34868
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 18.3 13.7 20.5

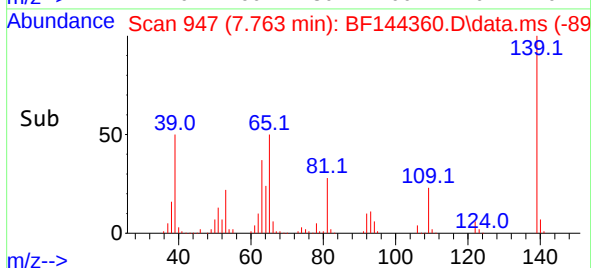
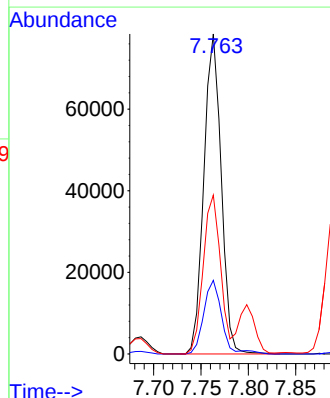
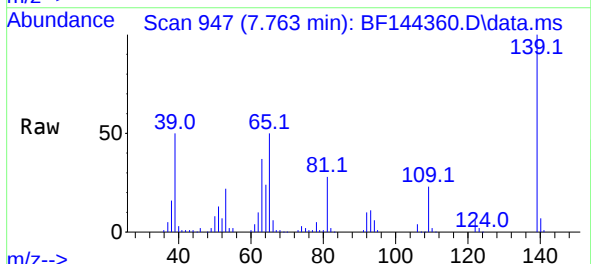
Manual Integrations
APPROVED

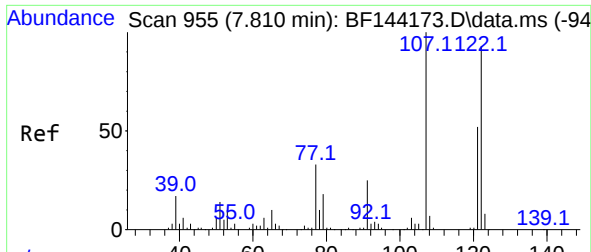
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#26
2-Nitrophenol
Concen: 44.110 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:139 Resp: 99780
Ion Ratio Lower Upper
139 100
109 23.0 22.2 33.2
65 49.6 40.7 61.1





#27
2,4-Dimethylphenol
Concen: 47.676 ng
RT: 7.798 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

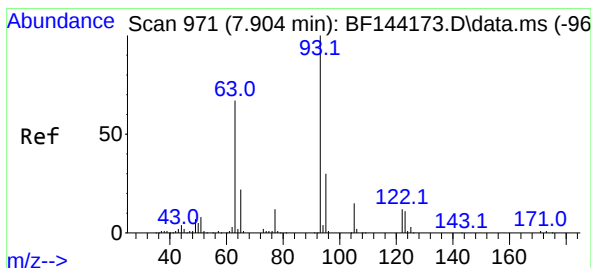
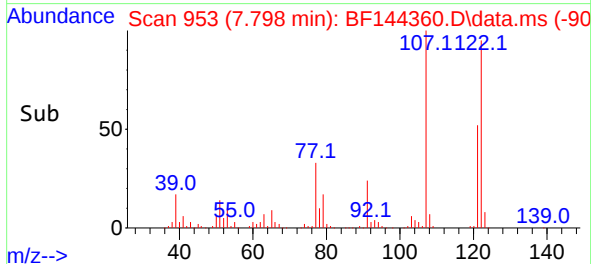
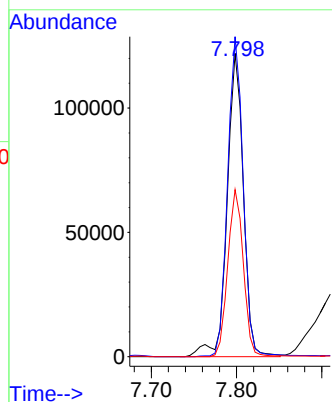
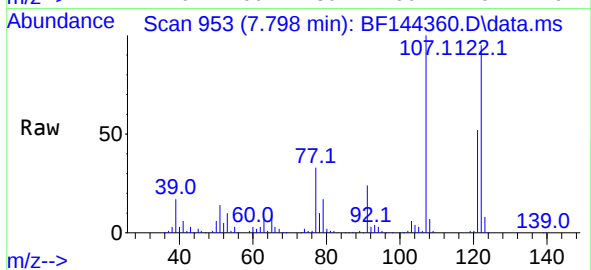
PB170735BS

Tgt Ion:122 Resp: 16164
Ion Ratio Lower Upper
122 100
107 105.5 86.2 129.4
121 55.0 44.6 66.8

Manual Integrations

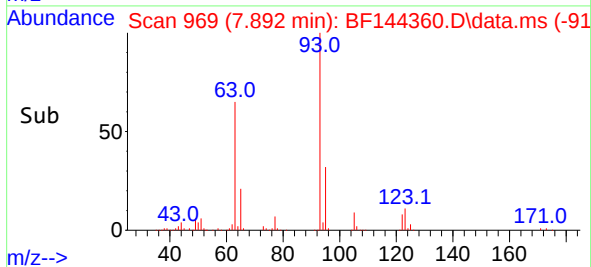
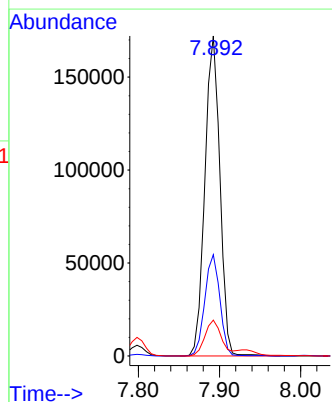
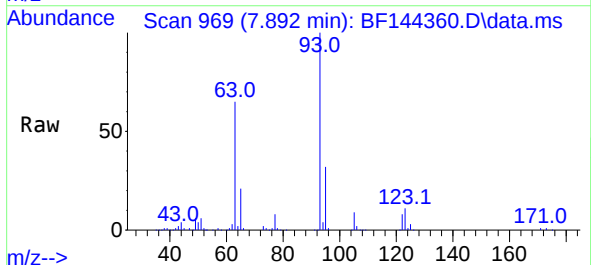
APPROVED

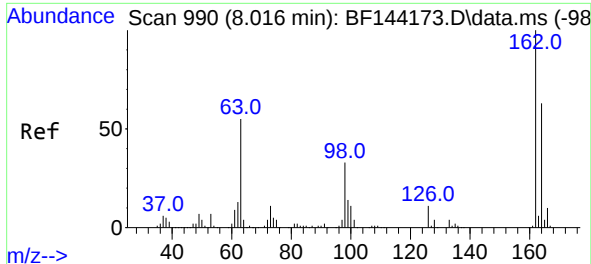
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#28
bis(2-Chloroethoxy)methane
Concen: 44.389 ng
RT: 7.892 min Scan# 969
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion: 93 Resp: 220667
Ion Ratio Lower Upper
93 100
95 31.7 24.2 36.4
123 11.2 9.0 13.4





#29
2,4-Dichlorophenol
Concen: 41.389 ng
RT: 8.004 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

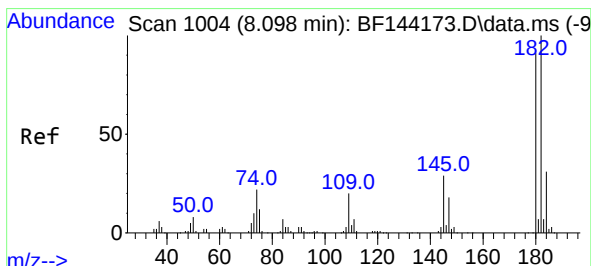
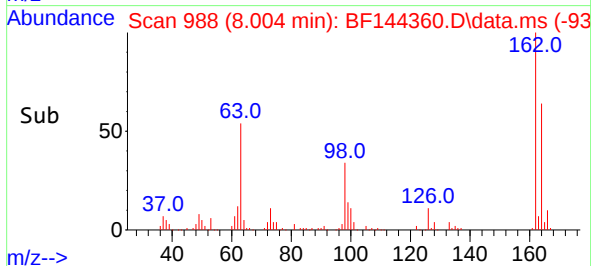
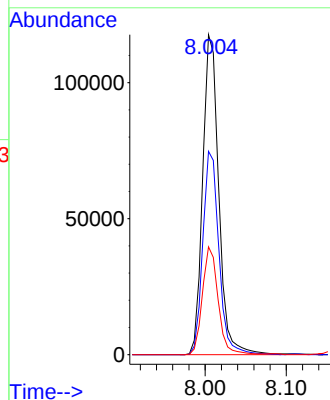
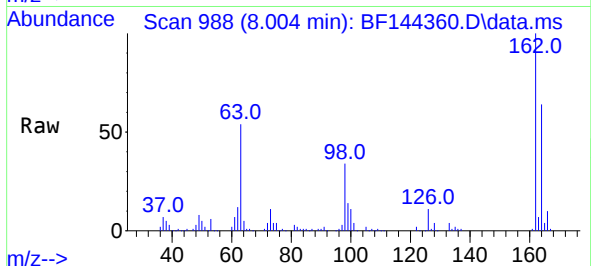
PB170735BS

Tgt Ion:162 Resp: 161730
Ion Ratio Lower Upper
162 100
164 63.5 42.9 82.9
98 33.7 13.3 53.3

Manual Integrations

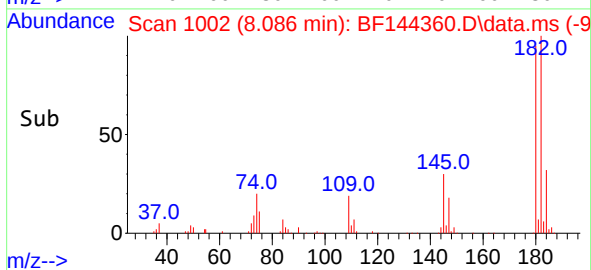
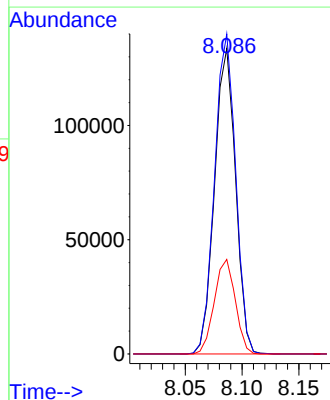
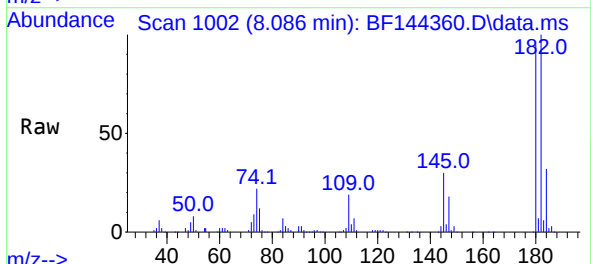
APPROVED

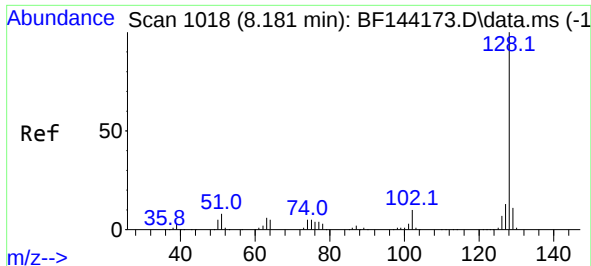
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#30
1,2,4-Trichlorobenzene
Concen: 42.919 ng
RT: 8.086 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:180 Resp: 172217
Ion Ratio Lower Upper
180 100
182 104.7 87.7 131.5
145 30.9 25.4 38.0





#31
Naphthalene
Concen: 41.032 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

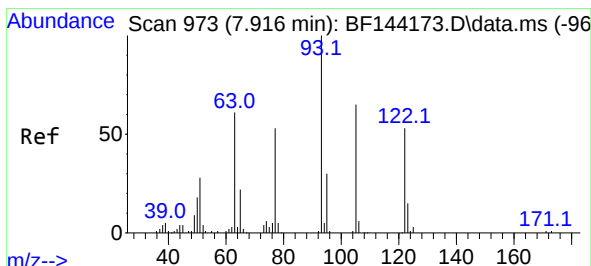
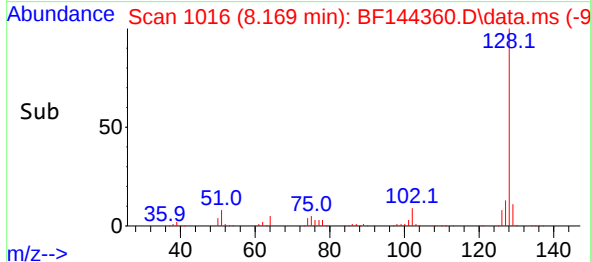
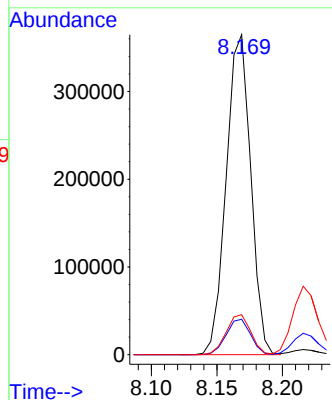
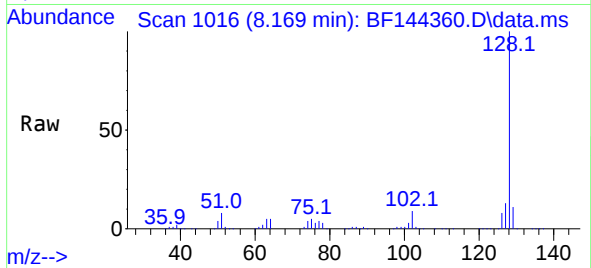
PB170735BS

Tgt Ion:128 Resp: 47443
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 12.5 10.3 15.5

Manual Integrations

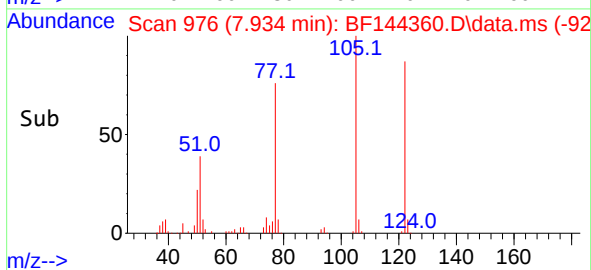
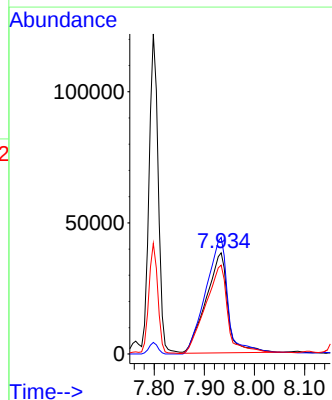
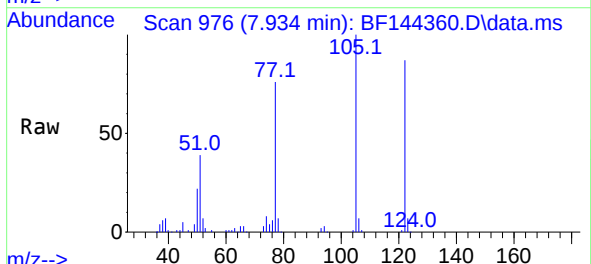
APPROVED

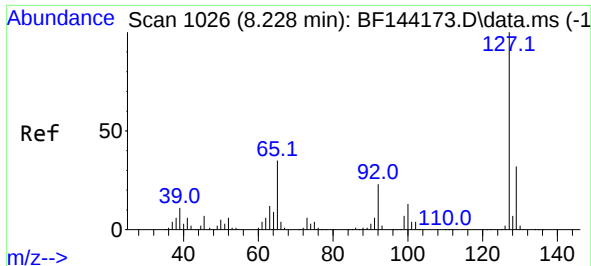
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#32
Benzoic acid
Concen: 46.932 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.018 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:122 Resp: 116638
Ion Ratio Lower Upper
122 100
105 115.1 99.9 139.9
77 87.8 77.5 117.5





#33

4-Chloroaniline

Concen: 25.892 ng

RT: 8.216 min Scan# 1024

Delta R.T. -0.012 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

PB170735BS

Tgt Ion:127 Resp: 109190

Ion Ratio Lower Upper

127 100

129 31.3 25.3 37.9

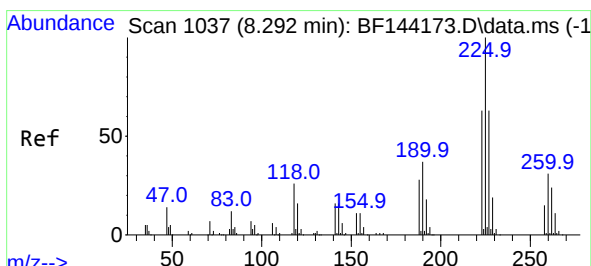
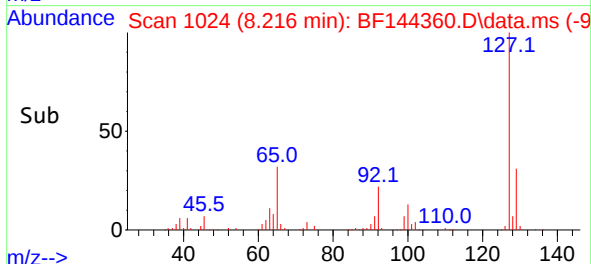
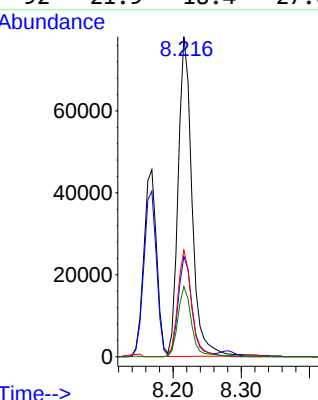
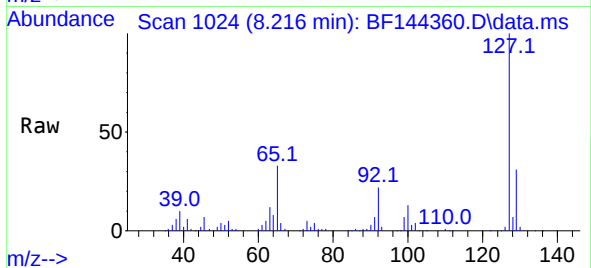
65 33.3 27.6 41.4

92 21.9 18.4 27.6

Manual Integrations

APPROVED

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



#34

Hexachlorobutadiene

Concen: 38.579 ng

RT: 8.281 min Scan# 1035

Delta R.T. -0.012 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

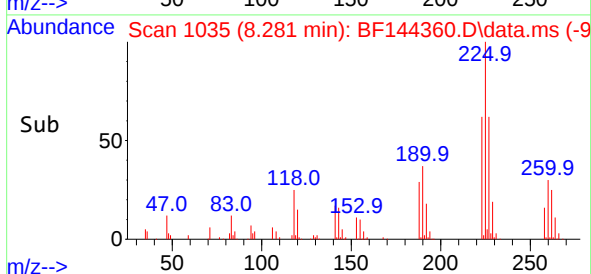
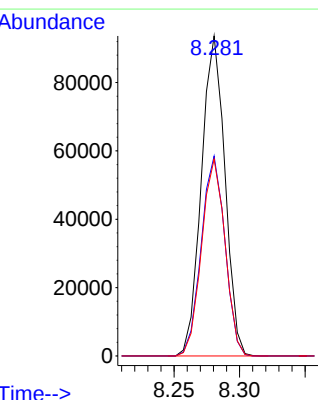
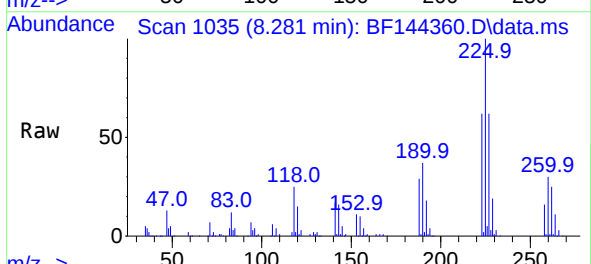
Tgt Ion:225 Resp: 116667

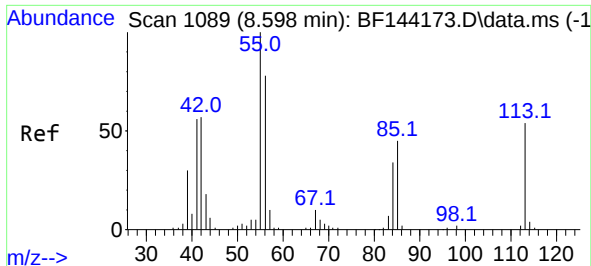
Ion Ratio Lower Upper

225 100

223 62.4 50.2 75.4

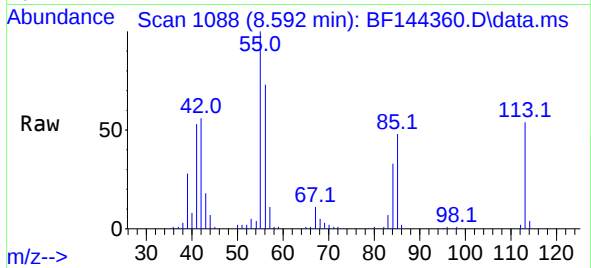
227 61.5 50.1 75.1





#35
Caprolactam
Concen: 45.497 ng m
RT: 8.592 min Scan# 1088
Delta R.T. -0.029 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

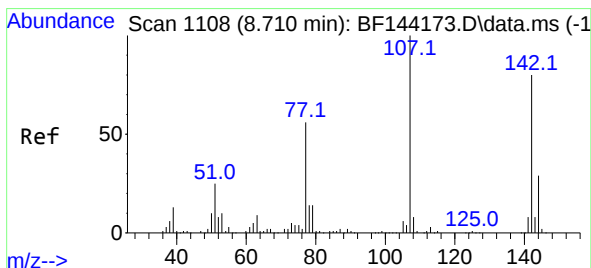
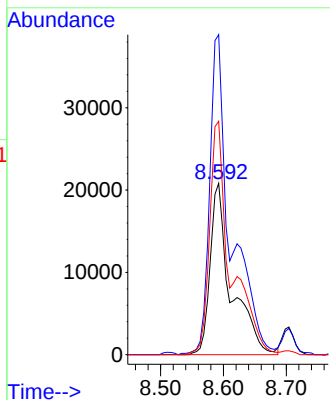
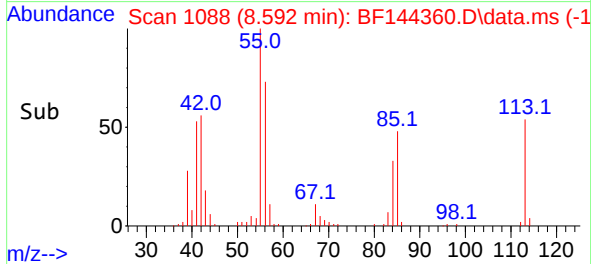
Instrument :
BNA_F
ClientSampleId :
PB170735BS



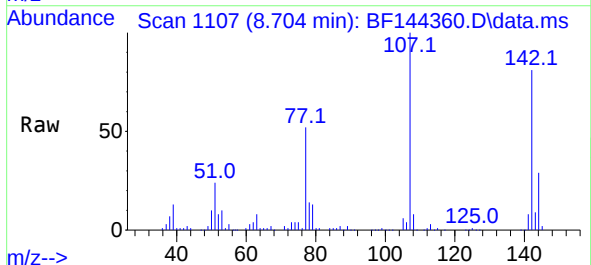
Tgt Ion:113 Resp: 48709
Ion Ratio Lower Upper
113 100
55 186.7 166.8 206.8
56 136.3 125.9 165.9

Manual Integrations
APPROVED

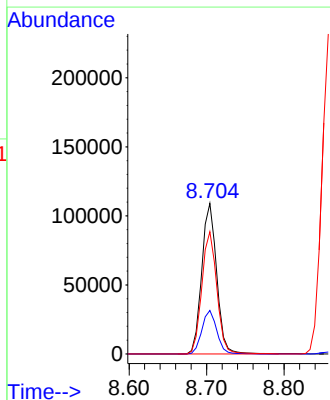
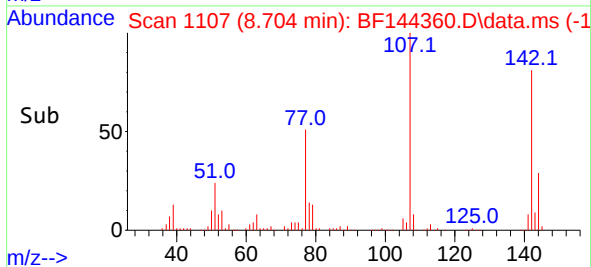
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

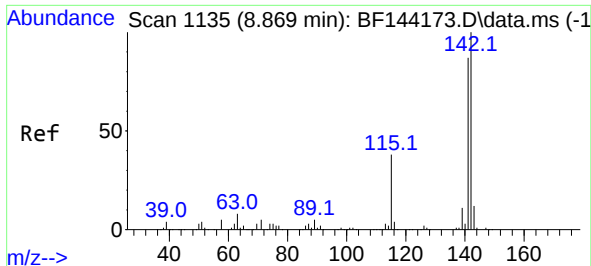


#36
4-Chloro-3-methylphenol
Concen: 41.770 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30



Tgt Ion:107 Resp: 146282
Ion Ratio Lower Upper
107 100
144 28.9 23.3 34.9
142 81.2 63.8 95.6





#37

2-Methylnaphthalene

Concen: 38.317 ng

RT: 8.857 min Scan# 1133

Delta R.T. -0.012 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

PB170735BS

Tgt Ion:142 Resp: 29622

Ion Ratio Lower Upper

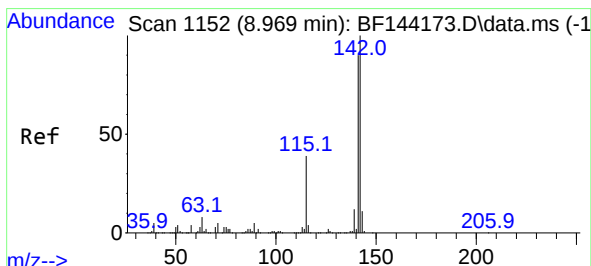
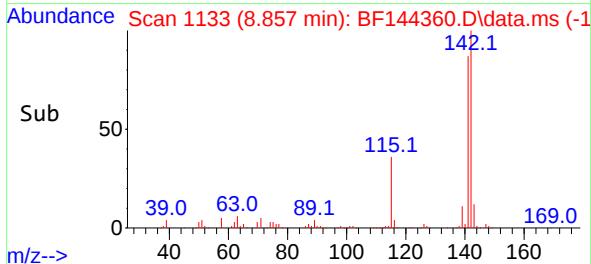
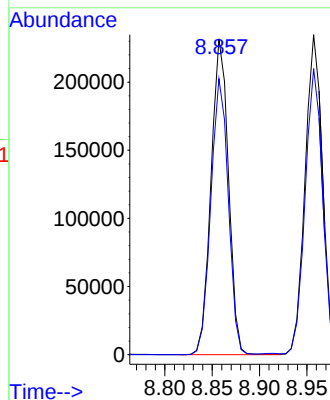
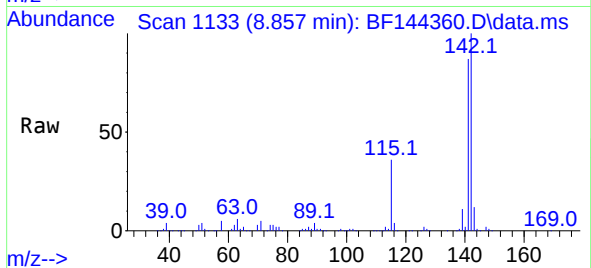
142 100

141 87.4 69.9 104.9

Manual Integrations

APPROVED

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



#38

1-Methylnaphthalene

Concen: 40.160 ng

RT: 8.957 min Scan# 1150

Delta R.T. -0.012 min

Lab File: BF144360.D

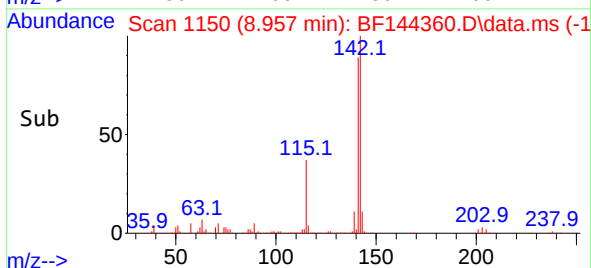
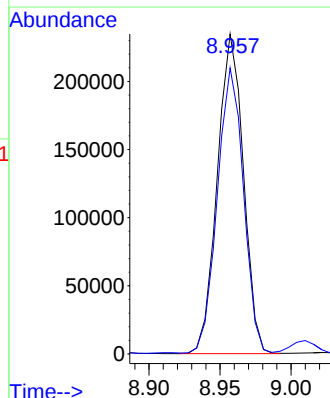
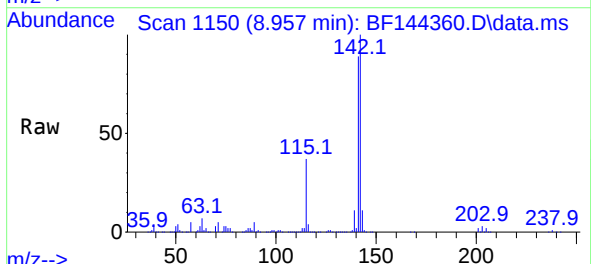
Acq: 26 Nov 2025 14:30

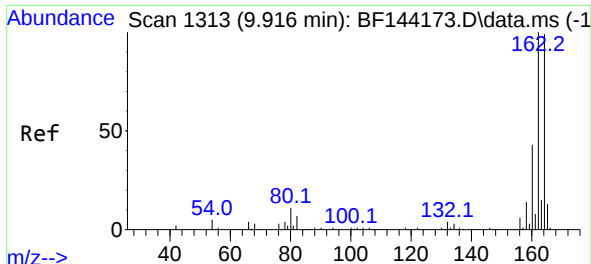
Tgt Ion:142 Resp: 299567

Ion Ratio Lower Upper

142 100

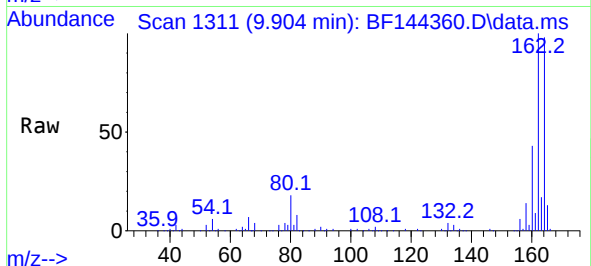
141 89.4 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

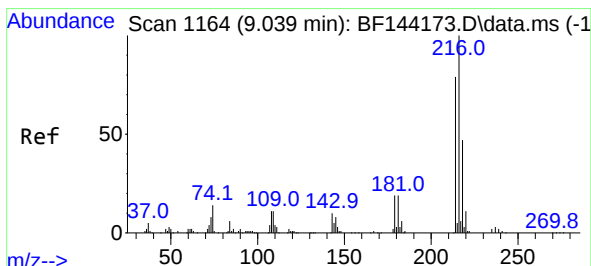
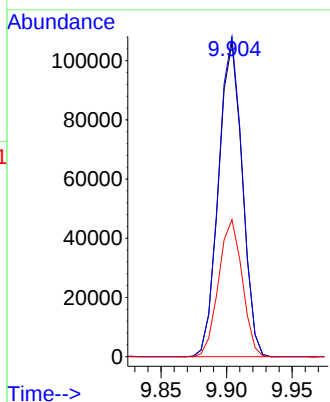
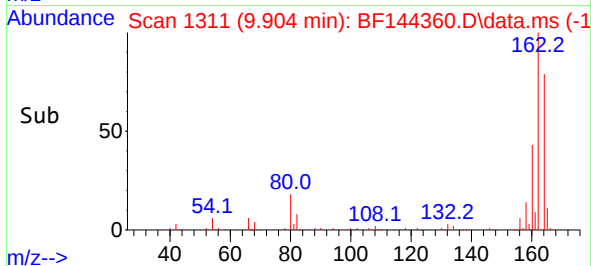
Instrument :
BNA_F
ClientSampleId :
PB170735BS



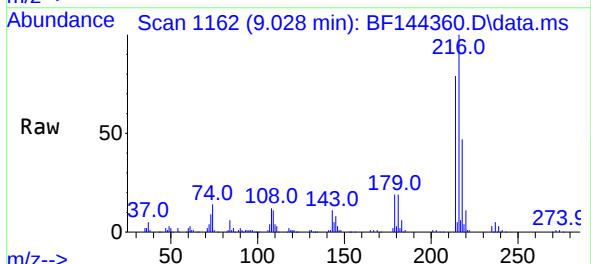
Tgt Ion:164 Resp: 13343
Ion Ratio Lower Upper
164 100
162 102.0 81.1 121.7
160 43.6 34.5 51.7

Manual Integrations
APPROVED

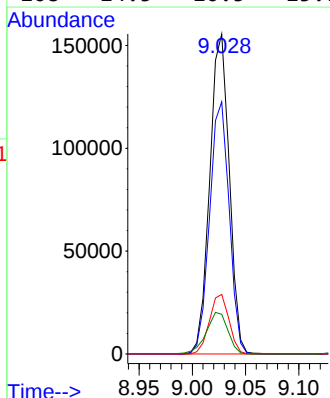
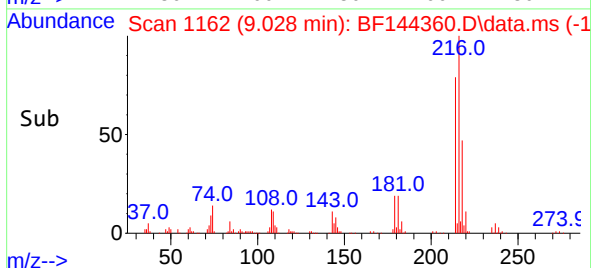
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

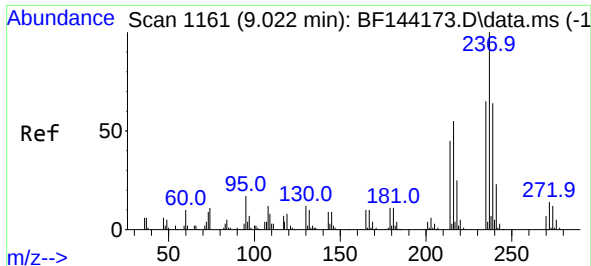


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.235 ng
RT: 9.028 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30



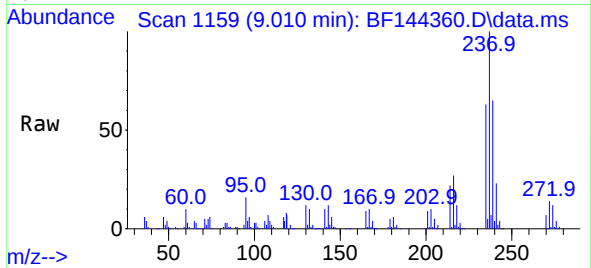
Tgt Ion:216 Resp: 197809
Ion Ratio Lower Upper
216 100
214 79.0 63.4 95.2
179 18.6 15.0 22.4
108 14.5 10.5 15.7





#41
Hexachlorocyclopentadiene
Concen: 74.159 ng
RT: 9.010 min Scan# 1159
Delta R.T. -0.018 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

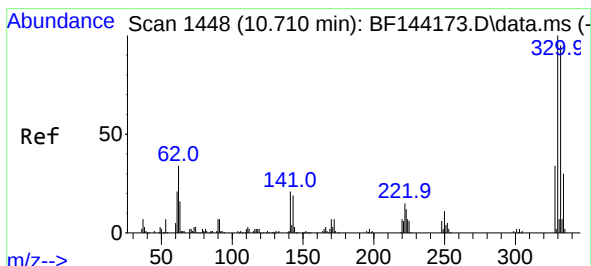
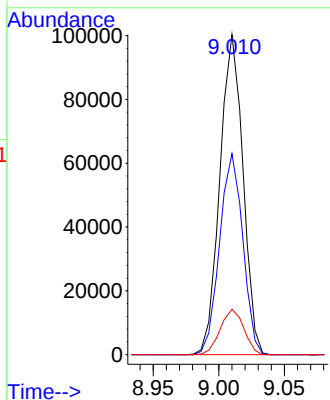
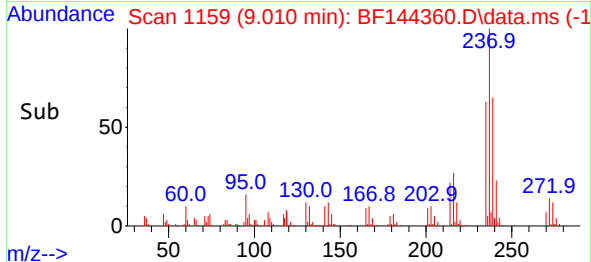
Instrument :
BNA_F
ClientSampleId :
PB170735BS



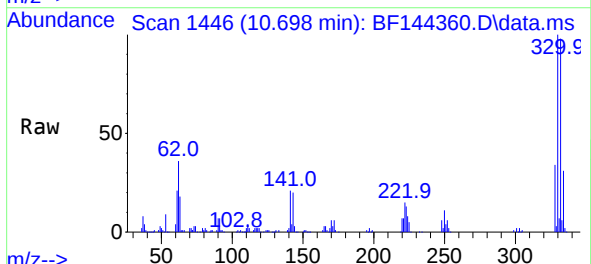
Tgt Ion:237 Resp: 122939
Ion Ratio Lower Upper
237 100
235 62.8 45.5 85.5
272 14.2 0.0 33.5

Manual Integrations
APPROVED

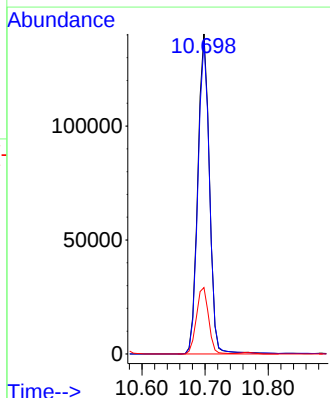
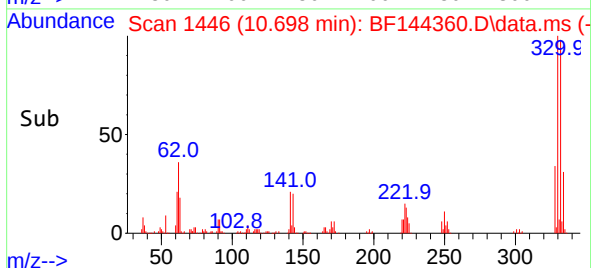
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

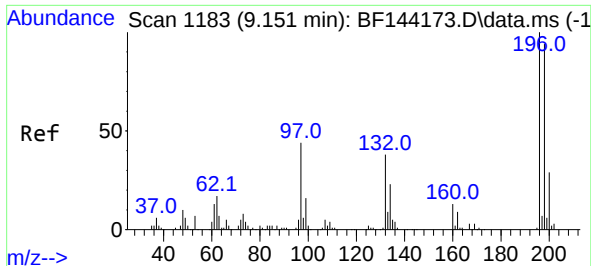


#42
2,4,6-Tribromophenol
Concen: 107.276 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30



Tgt Ion:330 Resp: 179624
Ion Ratio Lower Upper
330 100
332 97.4 76.7 115.1
141 21.6 17.8 26.8





#43
2,4,6-Trichlorophenol
Concen: 40.566 ng
RT: 9.139 min Scan# 1181
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

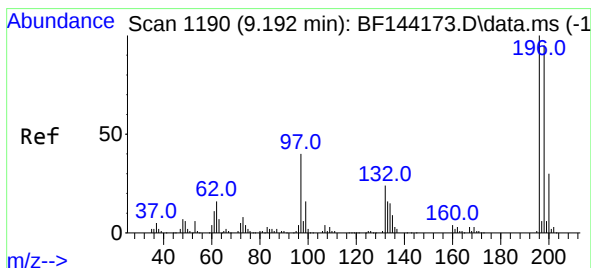
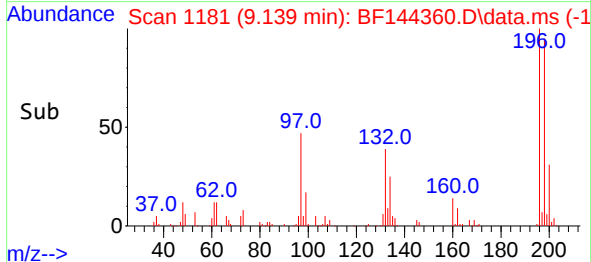
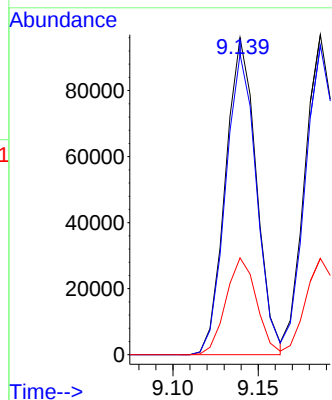
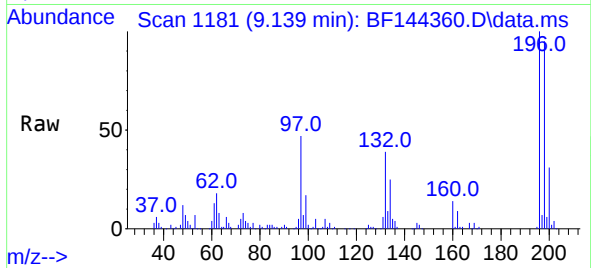
PB170735BS

Tgt Ion:196 Resp: 12073
Ion Ratio Lower Upper
196 100
198 94.8 75.3 112.9
200 30.5 23.4 35.2

Manual Integrations

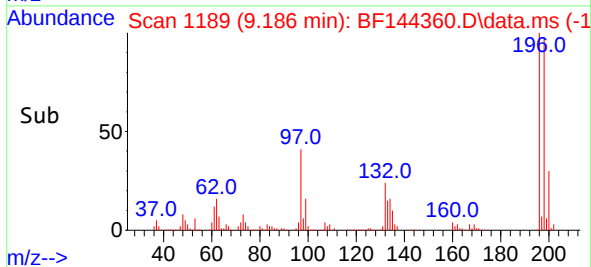
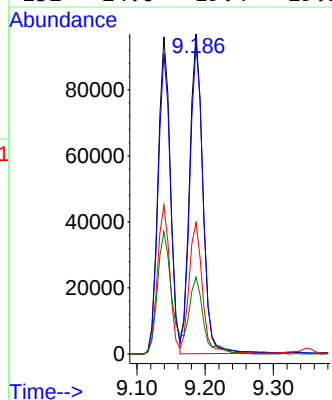
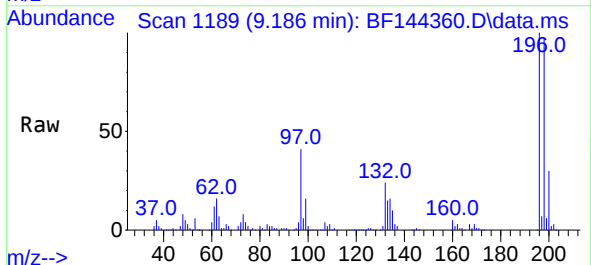
APPROVED

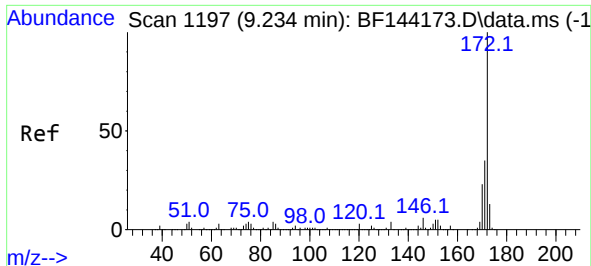
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#44
2,4,5-Trichlorophenol
Concen: 40.476 ng
RT: 9.186 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:196 Resp: 129840
Ion Ratio Lower Upper
196 100
198 96.7 76.1 114.1
97 41.0 31.9 47.9
132 24.0 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 77.793 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

PB170735BS

Tgt Ion:172 Resp: 702800

Ion Ratio Lower Upper

172 100

171 34.5 28.1 42.1

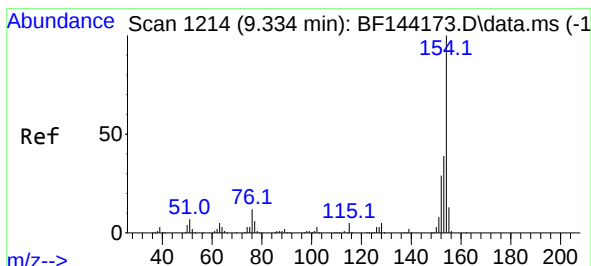
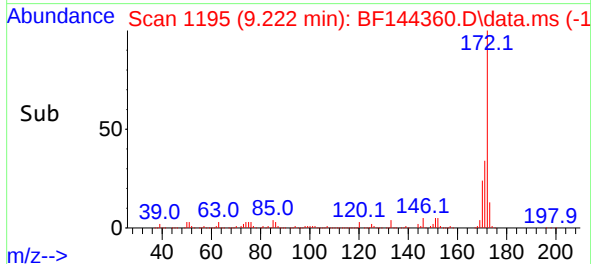
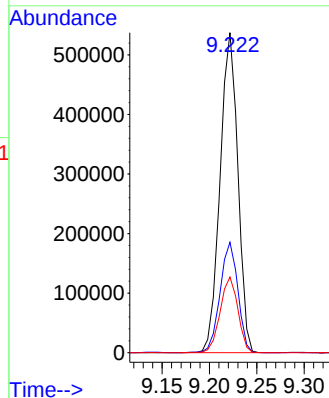
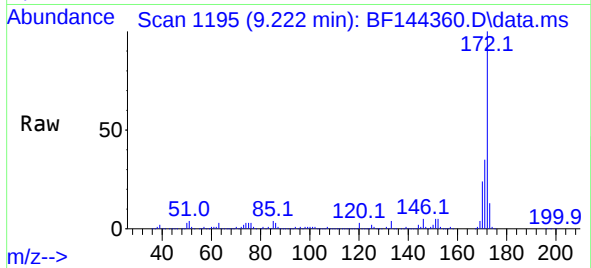
170 23.6 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025

Supervised By :mohammad ahmed 12/03/2025



#46

1,1'-Biphenyl

Concen: 46.919 ng

RT: 9.322 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

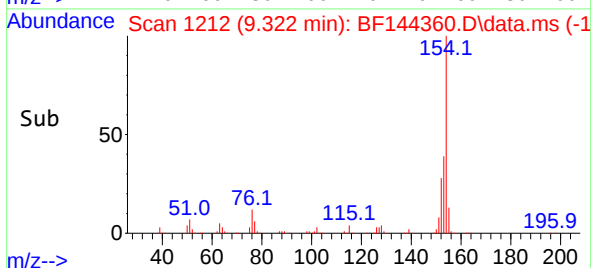
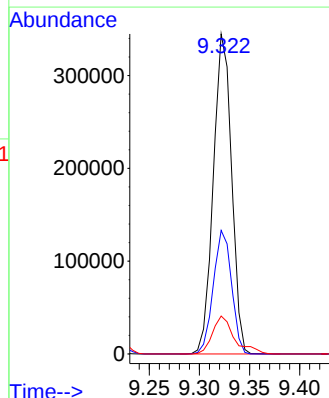
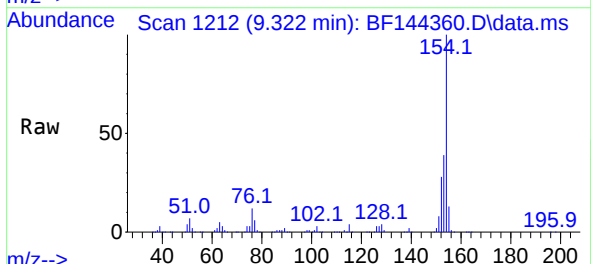
Tgt Ion:154 Resp: 436999

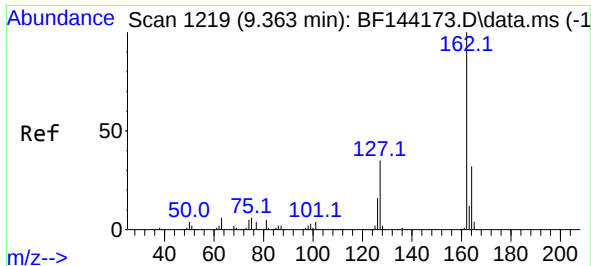
Ion Ratio Lower Upper

154 100

153 38.6 19.2 59.2

76 11.9 0.0 31.8





#47
2-Chloronaphthalene
Concen: 41.266 ng
RT: 9.351 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

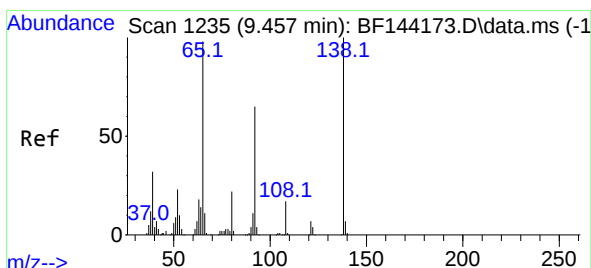
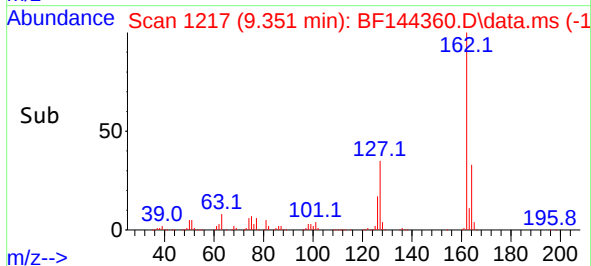
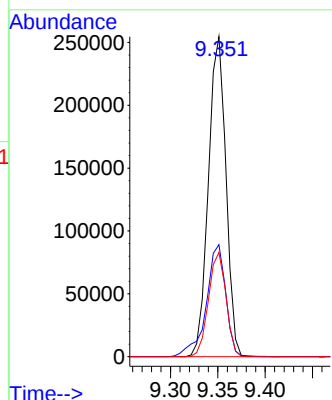
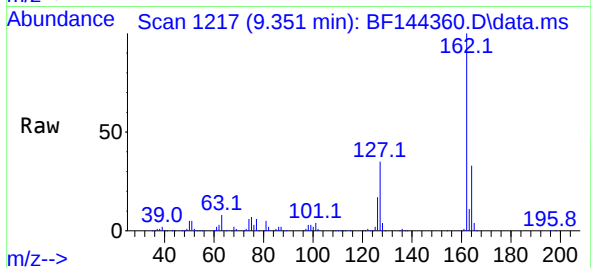
ClientSampleId :

PB170735BS

Tgt Ion:162 Resp: 32785
Ion Ratio Lower Upper
162 100
127 35.0 28.8 43.2
164 32.5 25.8 38.8

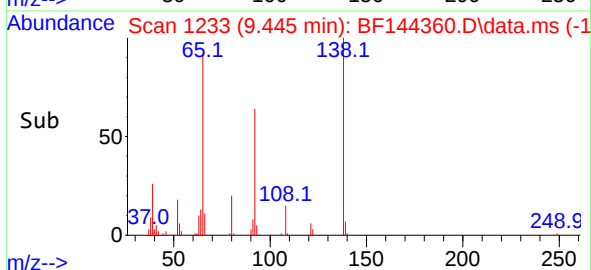
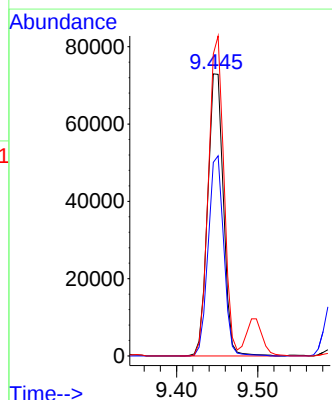
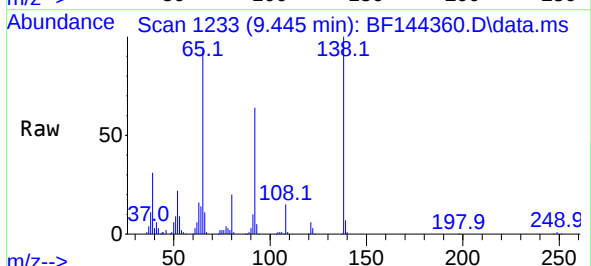
Manual Integrations
APPROVED

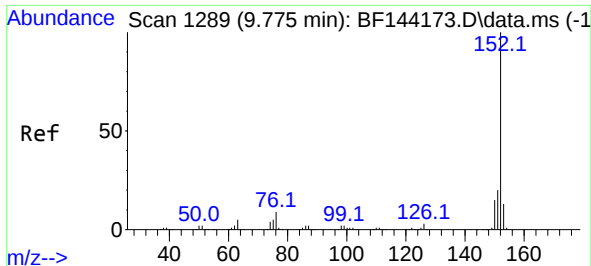
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#48
2-Nitroaniline
Concen: 42.796 ng
RT: 9.445 min Scan# 1233
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion: 65 Resp: 98103
Ion Ratio Lower Upper
65 100
92 68.6 53.0 79.6
138 107.0 81.6 122.4





#49
Acenaphthylene
Concen: 46.852 ng
RT: 9.763 min Scan# 1287
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

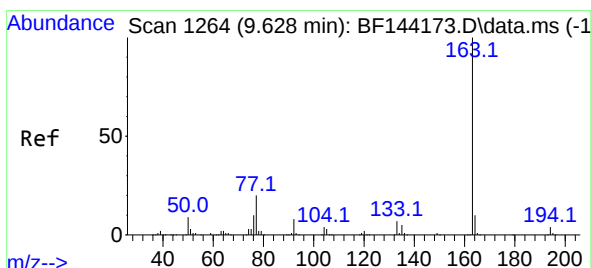
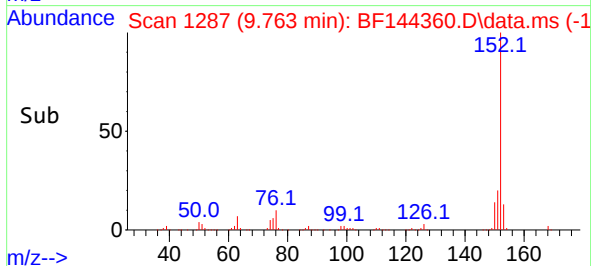
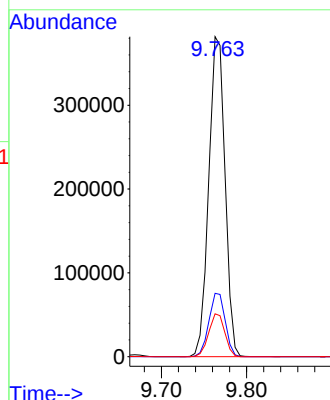
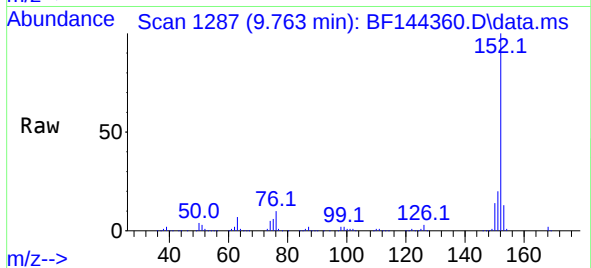
PB170735BS

Tgt Ion:152 Resp: 50724
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.4 10.5 15.7

Manual Integrations

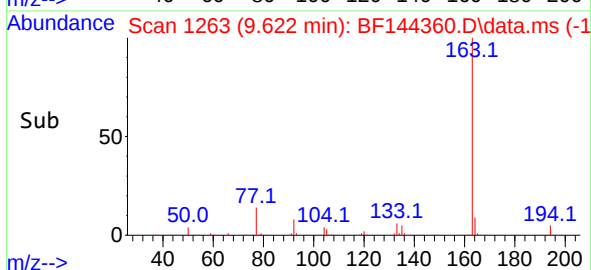
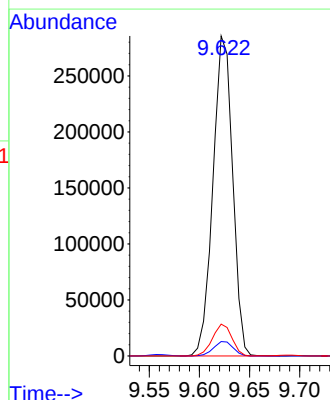
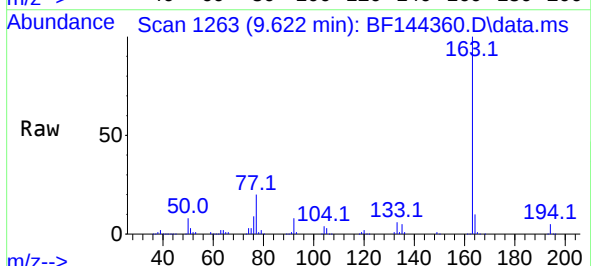
APPROVED

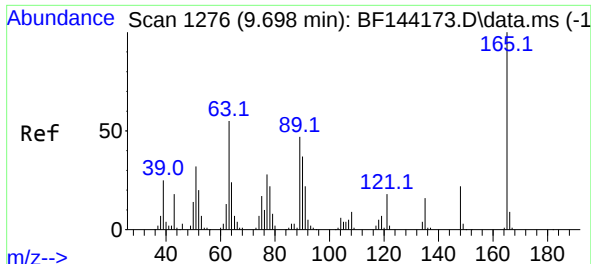
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#50
Dimethylphthalate
Concen: 44.064 ng
RT: 9.622 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:163 Resp: 389505
Ion Ratio Lower Upper
163 100
194 4.5 3.3 4.9
164 9.9 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 46.401 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

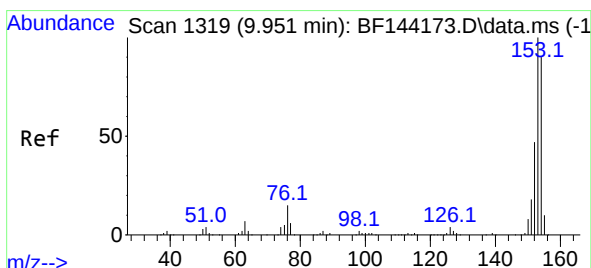
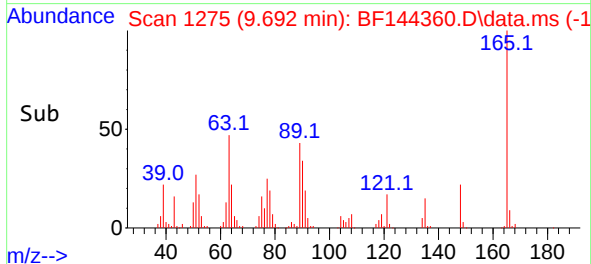
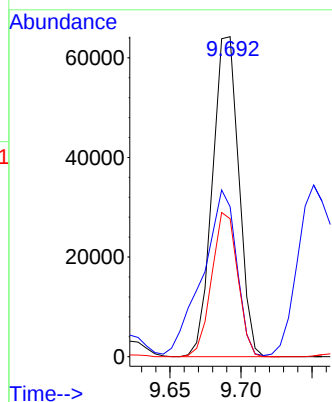
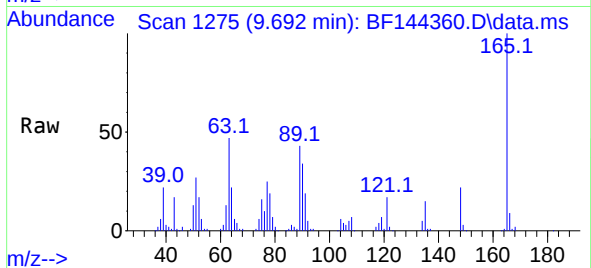
PB170735BS

Tgt Ion:165 Resp: 83030
Ion Ratio Lower Upper
165 100
63 46.8 43.8 65.8
89 43.1 37.5 56.3

Manual Integrations

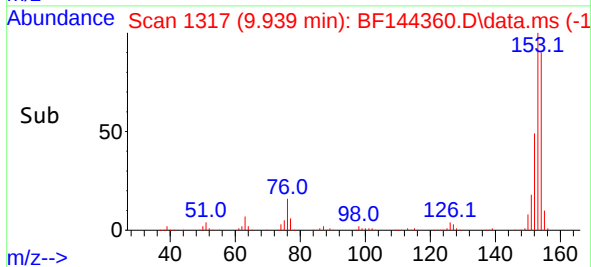
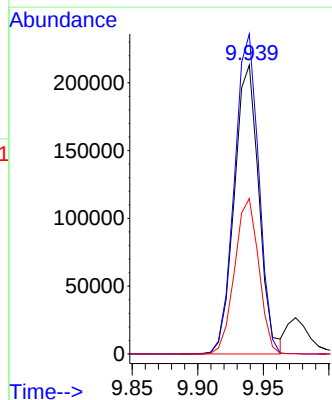
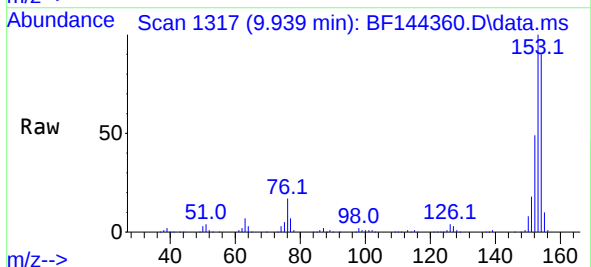
APPROVED

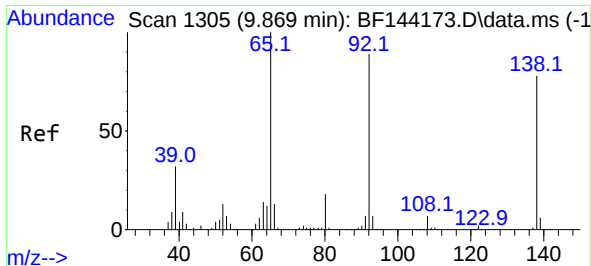
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#52
Acenaphthene
Concen: 38.562 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:154 Resp: 279188
Ion Ratio Lower Upper
154 100
153 110.8 89.0 133.4
152 53.8 42.2 63.4





#53
3-Nitroaniline
Concen: 31.690 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

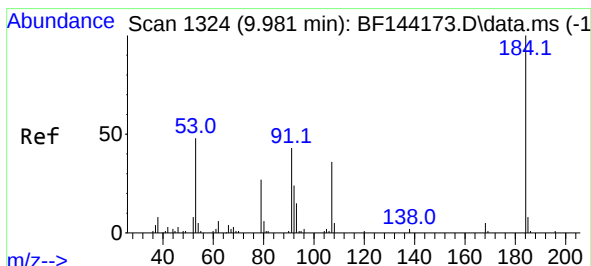
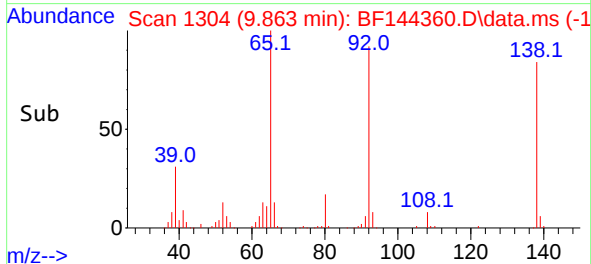
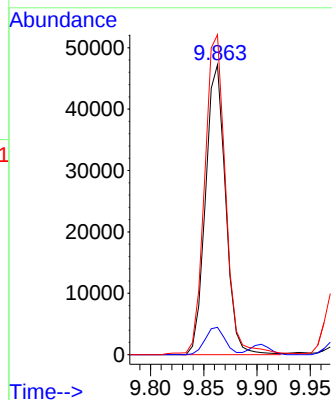
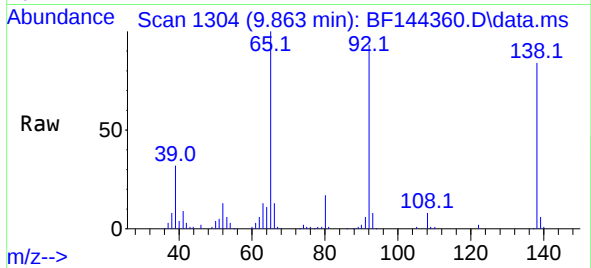
PB170735BS

Tgt Ion:138 Resp: 61989
Ion Ratio Lower Upper
138 100
108 9.4 7.5 11.3
92 110.4 91.8 137.6

Manual Integrations

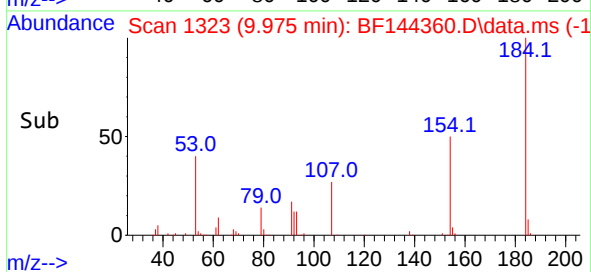
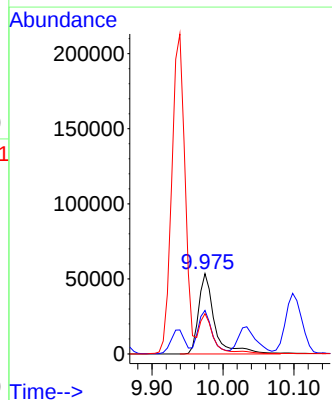
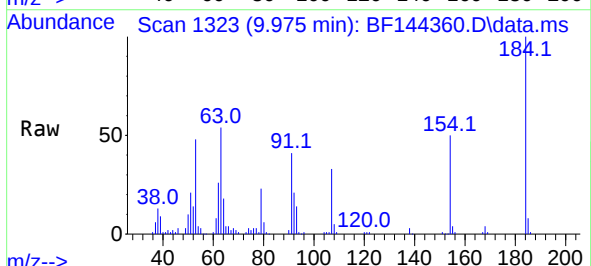
APPROVED

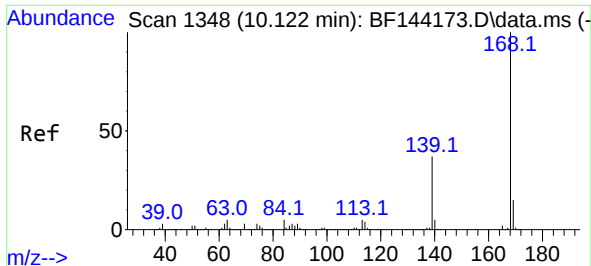
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#54
2,4-Dinitrophenol
Concen: 77.738 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:184 Resp: 83999
Ion Ratio Lower Upper
184 100
63 54.3 44.0 66.0
154 50.1 42.4 63.6





#55
Dibenzenofuran
Concen: 41.471 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

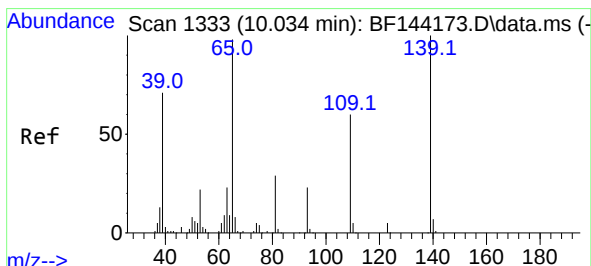
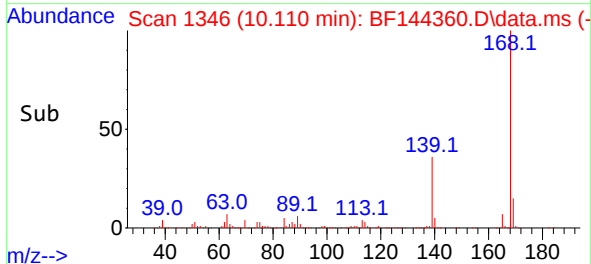
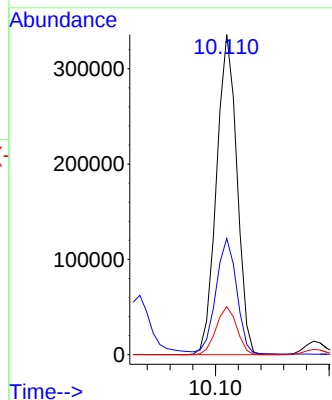
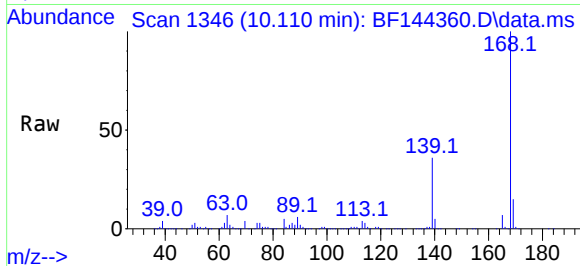
PB170735BS

Tgt Ion:168 Resp: 42050
Ion Ratio Lower Upper
168 100
139 36.4 30.2 45.2
169 15.0 12.2 18.4

Manual Integrations

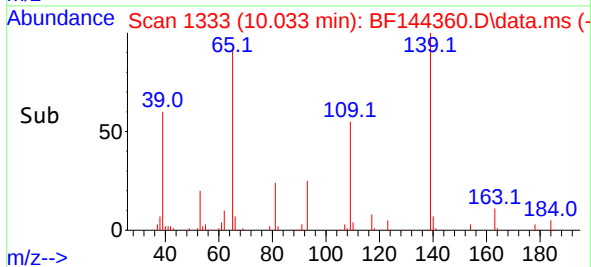
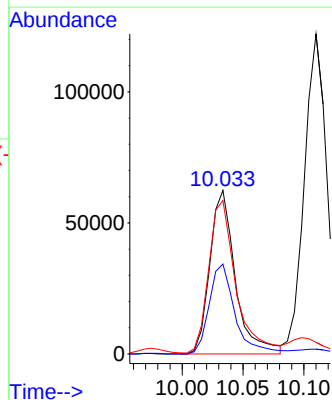
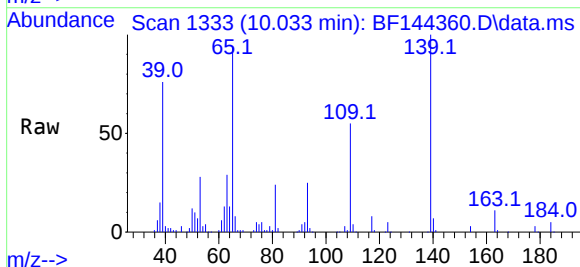
APPROVED

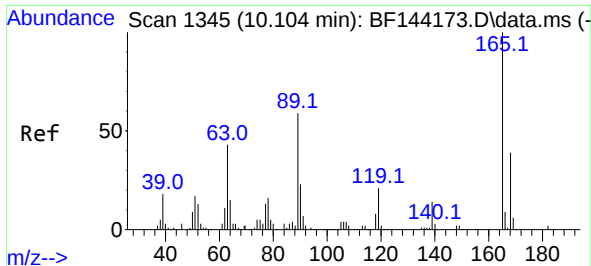
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#56
4-Nitrophenol
Concen: 64.325 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:139 Resp: 91018
Ion Ratio Lower Upper
139 100
109 55.0 39.9 79.9
65 93.9 79.5 119.5





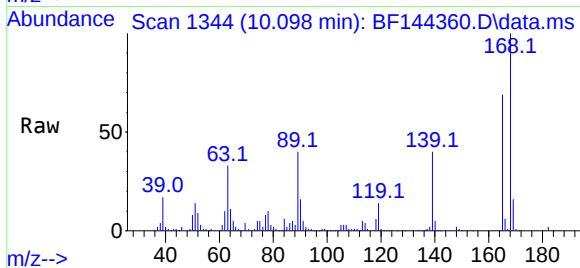
#57
2,4-Dinitrotoluene
Concen: 43.439 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

PB170735BS

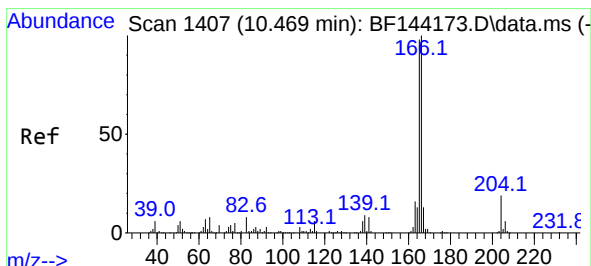
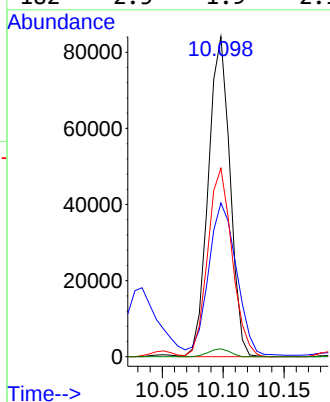
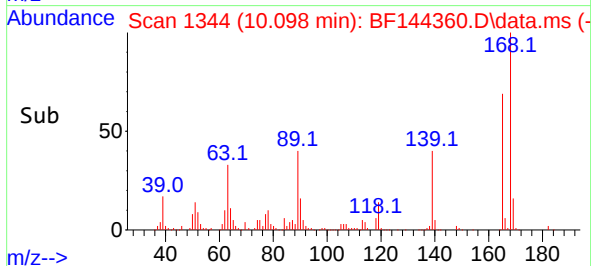


Tgt Ion:165 Resp: 104050
Ion Ratio Lower Upper
165 100
63 48.0 35.5 53.3
89 58.8 47.4 71.2
182 2.5 1.9 2.9

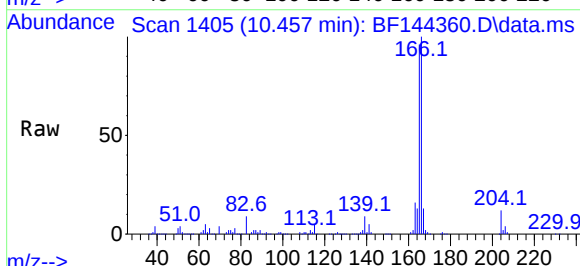
Manual Integrations

APPROVED

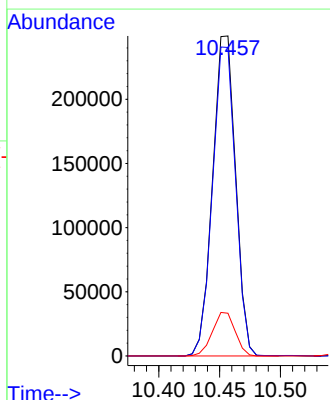
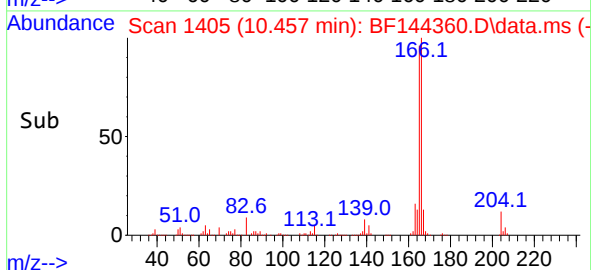
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

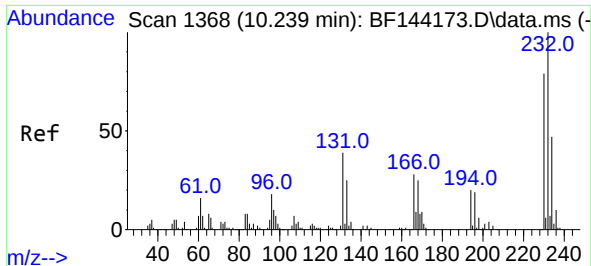


#58
Fluorene
Concen: 42.675 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30



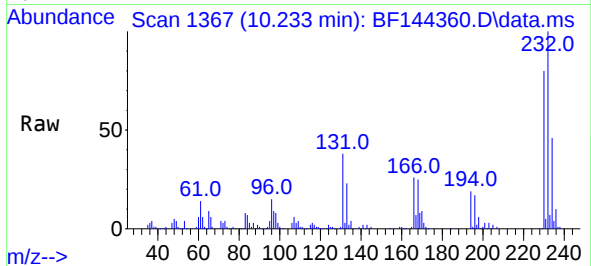
Tgt Ion:166 Resp: 328997
Ion Ratio Lower Upper
166 100
165 96.4 78.6 118.0
167 13.3 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.562 ng
RT: 10.233 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

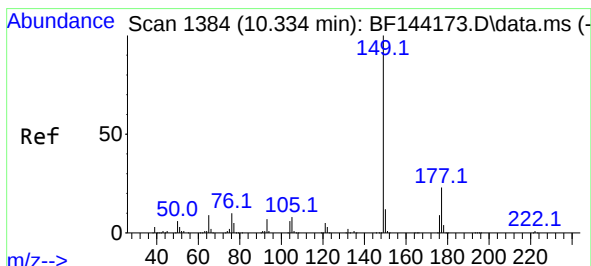
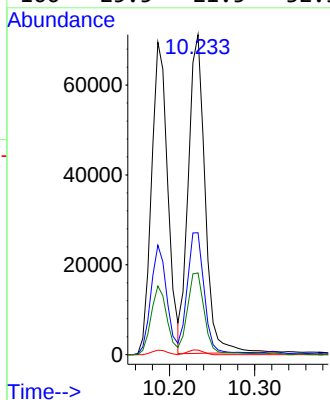
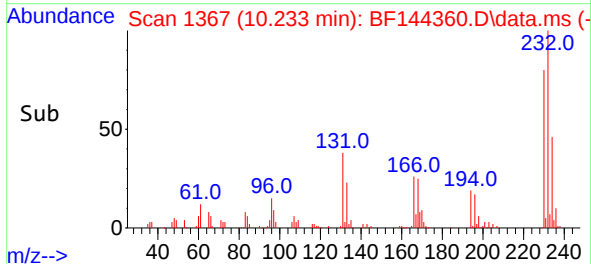
Instrument :
BNA_F
ClientSampleId :
PB170735BS



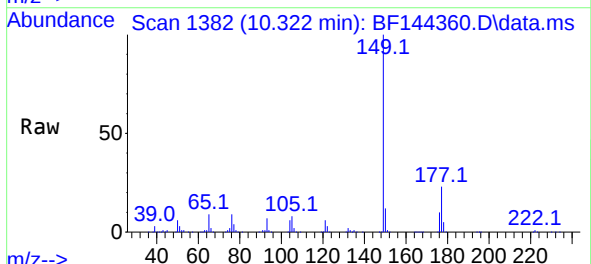
Tgt Ion:232 Resp: 96590
Ion Ratio Lower Upper
232 100
131 38.2 30.3 45.5
130 1.4 1.2 1.8
166 25.5 21.5 32.3

Manual Integrations
APPROVED

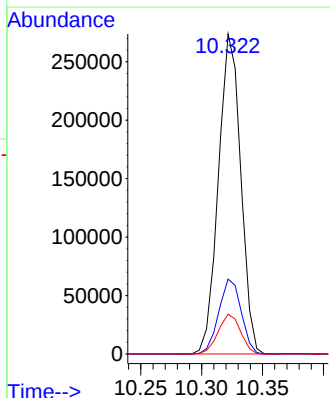
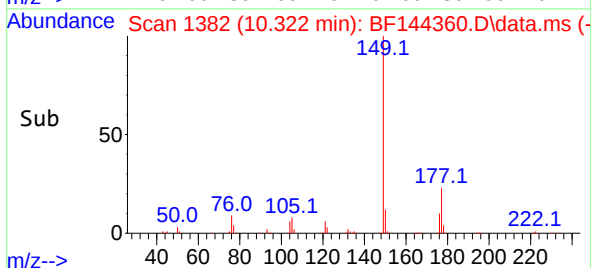
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

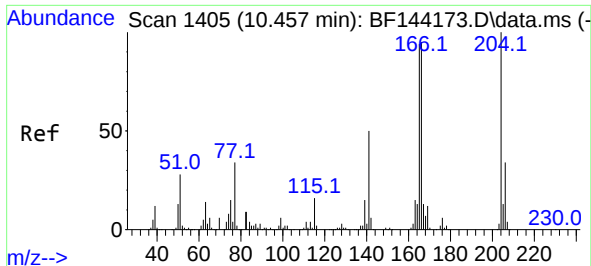


#60
Diethylphthalate
Concen: 42.849 ng
RT: 10.322 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30



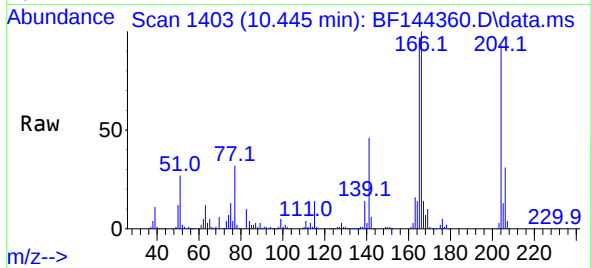
Tgt Ion:149 Resp: 349165
Ion Ratio Lower Upper
149 100
177 23.4 18.3 27.5
150 12.5 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 40.527 ng
RT: 10.445 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

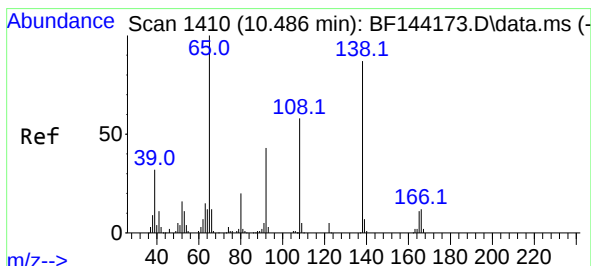
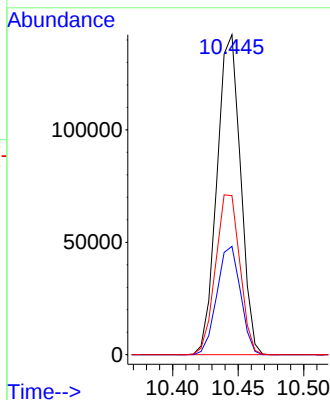
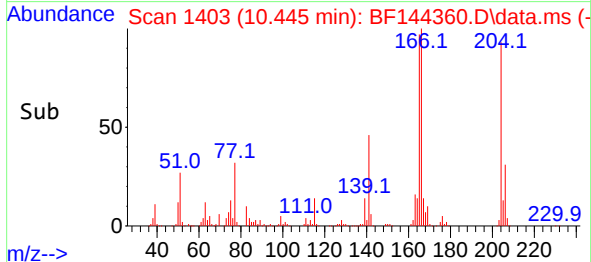
Instrument :
BNA_F
ClientSampleId :
PB170735BS



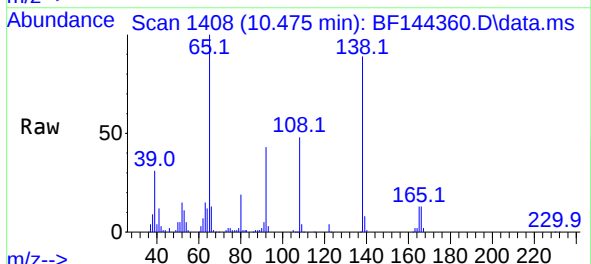
Tgt Ion:204 Resp: 17797
Ion Ratio Lower Upper
204 100
206 33.8 27.4 41.2
141 49.7 40.0 60.0

Manual Integrations
APPROVED

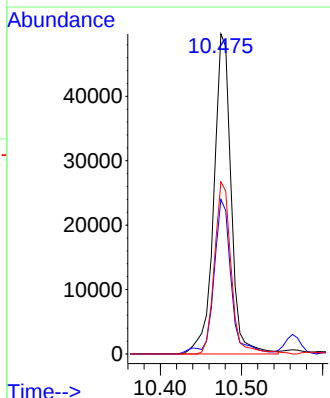
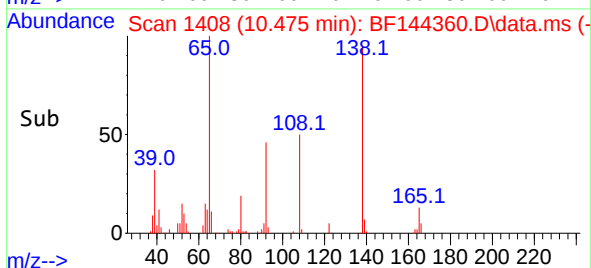
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

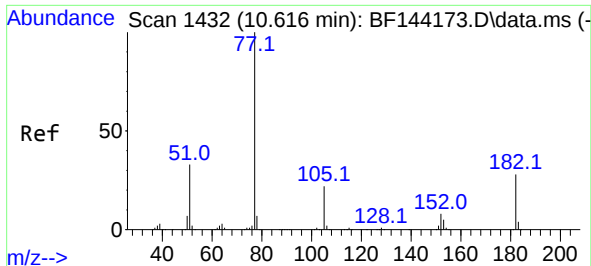


#62
4-Nitroaniline
Concen: 39.466 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30



Tgt Ion:138 Resp: 73519
Ion Ratio Lower Upper
138 100
92 48.3 29.4 69.4
108 53.8 46.4 86.4





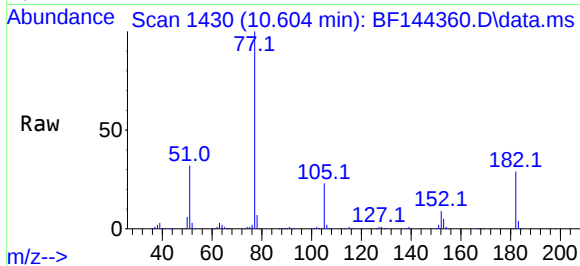
#63
Azobenzene
Concen: 44.212 ng
RT: 10.604 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

PB170735BS

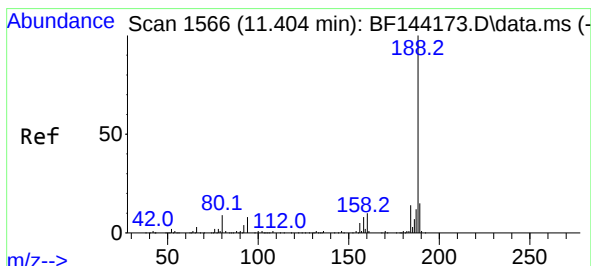
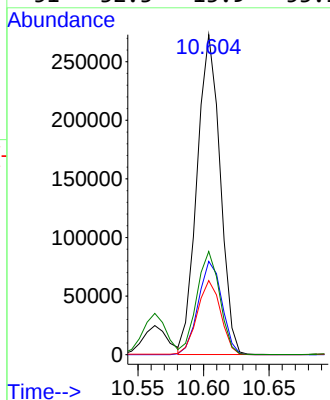
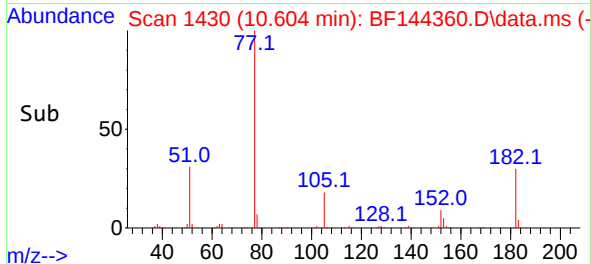


Tgt Ion: 77 Resp: 33529
Ion Ratio Lower Upper
77 100
182 29.1 8.1 48.1
105 23.2 2.0 42.0
51 32.3 13.9 53.9

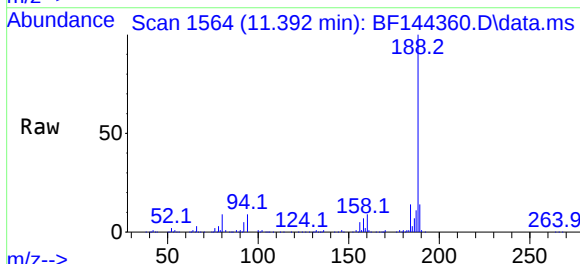
Manual Integrations

APPROVED

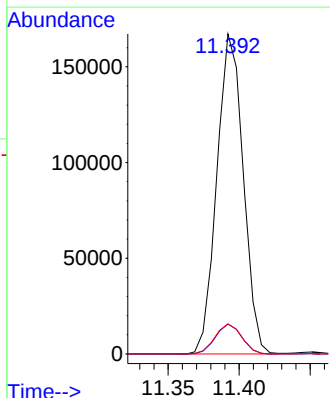
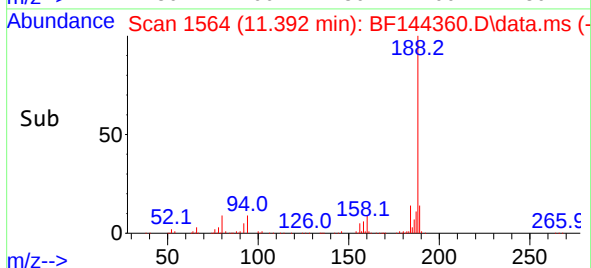
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

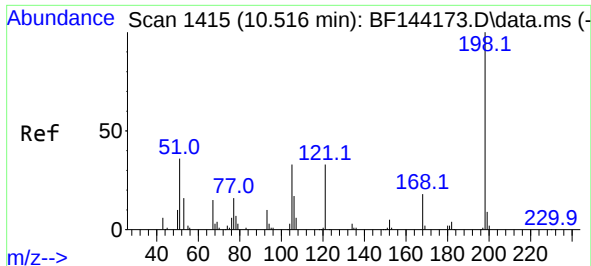


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30



Tgt Ion:188 Resp: 215808
Ion Ratio Lower Upper
188 100
94 9.4 6.2 9.2#
80 9.4 6.9 10.3





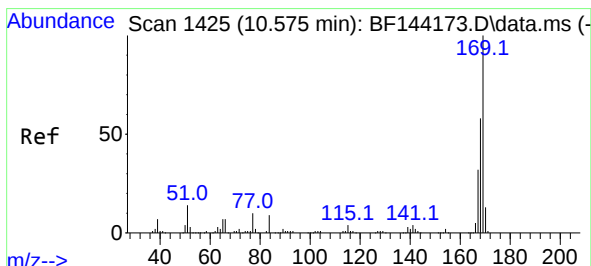
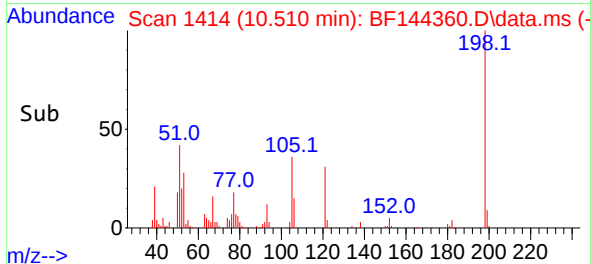
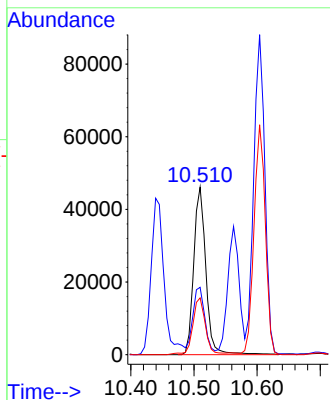
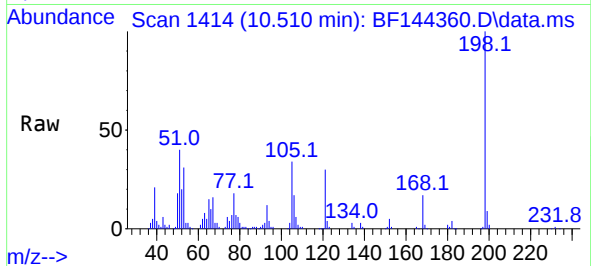
#65
4,6-Dinitro-2-methylphenol
Concen: 42.055 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Instrument :
BNA_F
ClientSampleId :
PB170735BS

Tgt Ion:198 Resp: 61650
Ion Ratio Lower Upper
198 100
51 40.2 25.6 65.6
105 33.9 14.6 54.6

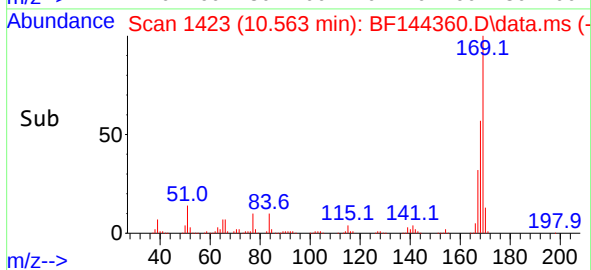
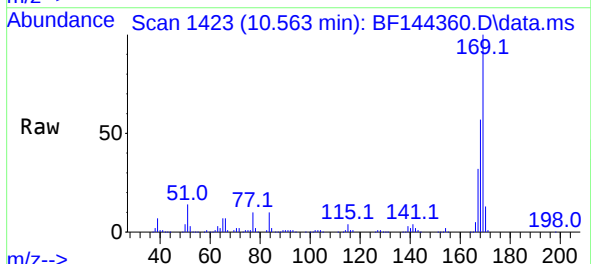
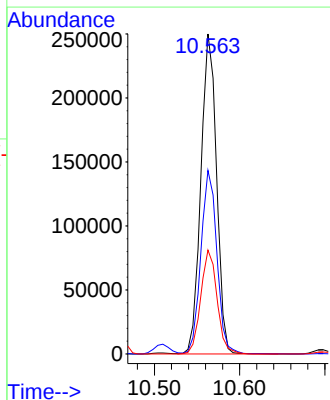
Manual Integrations
APPROVED

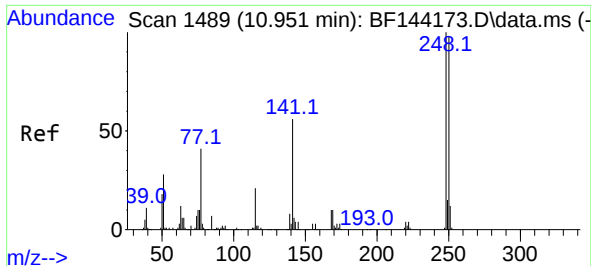
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#66
n-Nitrosodiphenylamine
Concen: 45.953 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

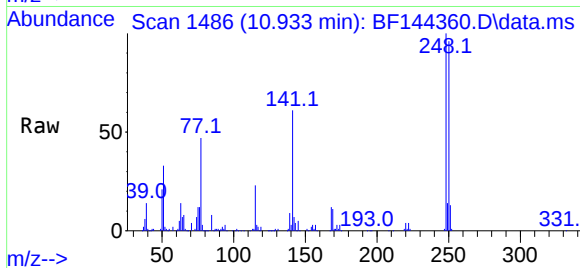
Tgt Ion:169 Resp: 318960
Ion Ratio Lower Upper
169 100
168 57.3 46.2 69.2
167 32.5 25.7 38.5





#67
4-Bromophenyl-phenylether
Concen: 42.291 ng
RT: 10.933 min Scan# 1486
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

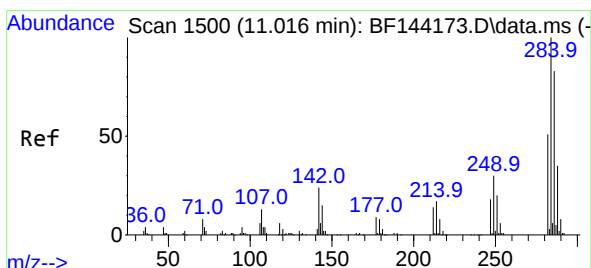
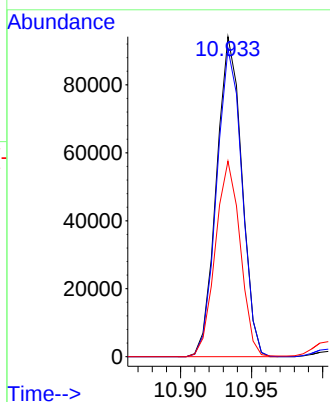
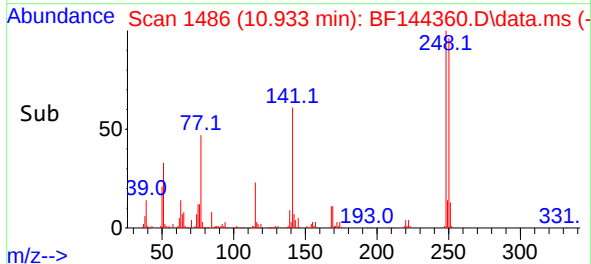
Instrument :
BNA_F
ClientSampleId :
PB170735BS



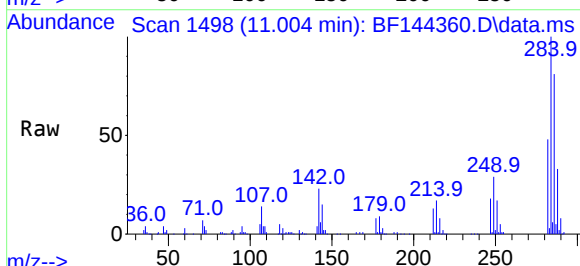
Tgt Ion:248 Resp: 116498
Ion Ratio Lower Upper
248 100
250 96.3 78.4 117.6
141 61.1 45.1 67.7

Manual Integrations
APPROVED

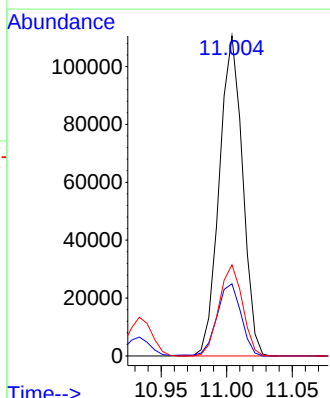
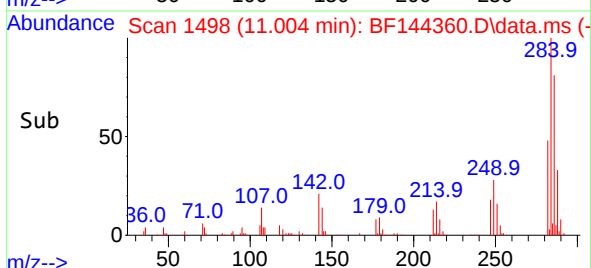
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

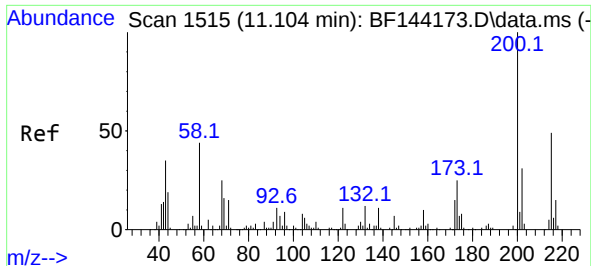


#68
Hexachlorobenzene
Concen: 42.047 ng
RT: 11.004 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30



Tgt Ion:284 Resp: 136422
Ion Ratio Lower Upper
284 100
142 22.5 19.2 28.8
249 28.5 23.8 35.8





#69
Atrazine
Concen: 44.403 ng
RT: 11.092 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

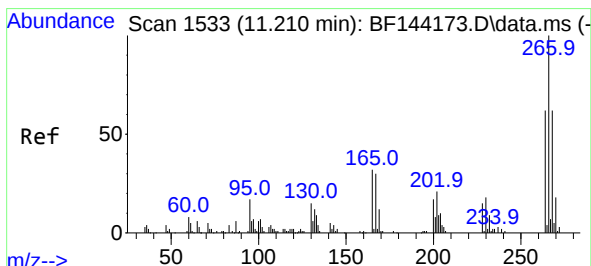
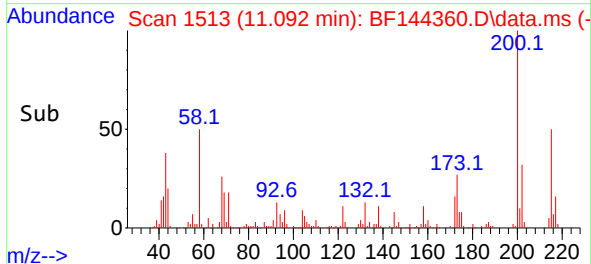
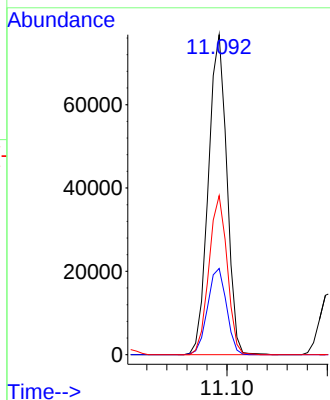
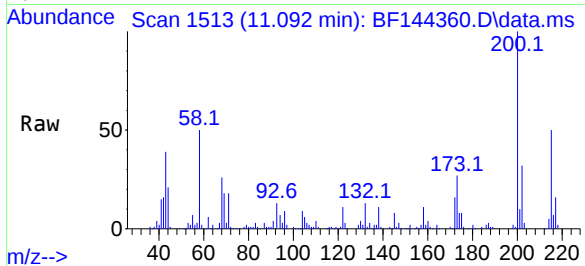
PB170735BS

Tgt Ion:200 Resp: 98014
Ion Ratio Lower Upper
200 100
173 26.9 5.0 45.0
215 49.7 28.7 68.7

Manual Integrations

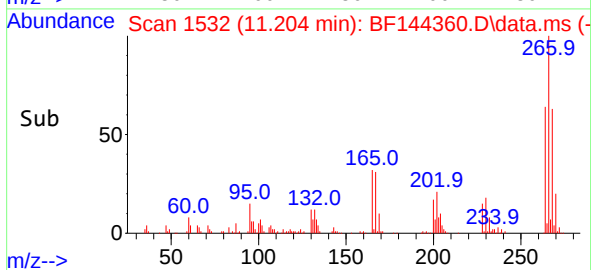
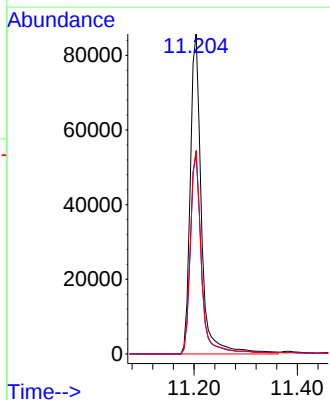
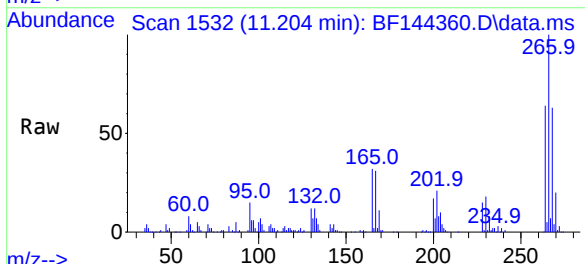
APPROVED

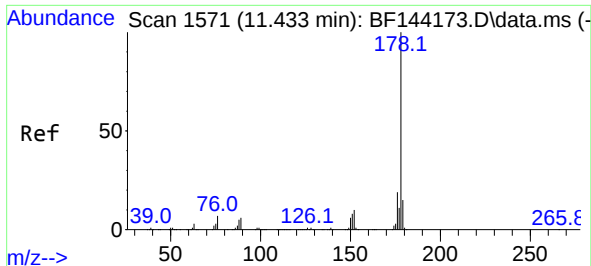
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#70
Pentachlorophenol
Concen: 79.676 ng
RT: 11.204 min Scan# 1532
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

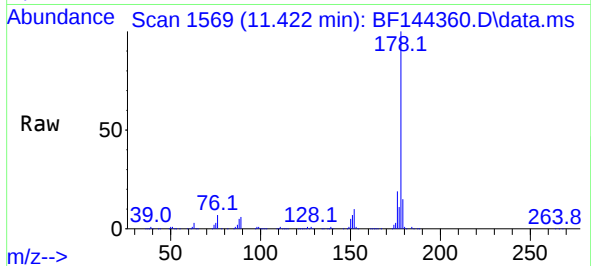
Tgt Ion:266 Resp: 128729
Ion Ratio Lower Upper
266 100
268 62.7 49.5 74.3
264 63.5 49.4 74.2





#71
Phenanthrene
Concen: 43.391 ng
RT: 11.422 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

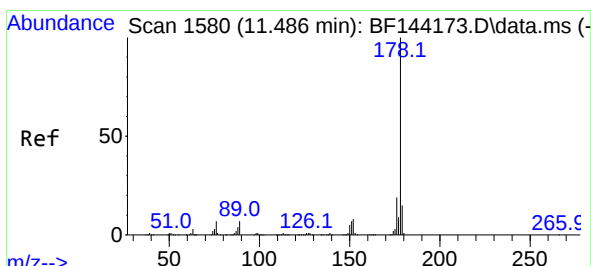
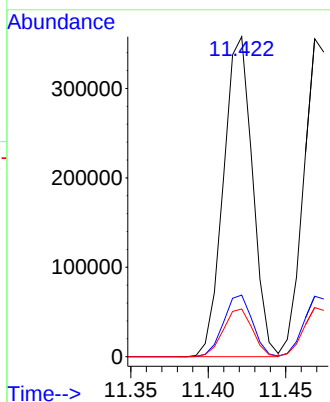
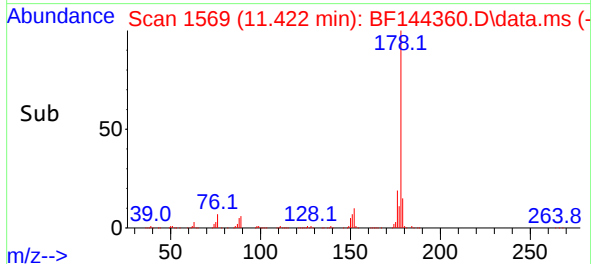
Instrument :
BNA_F
ClientSampleId :
PB170735BS



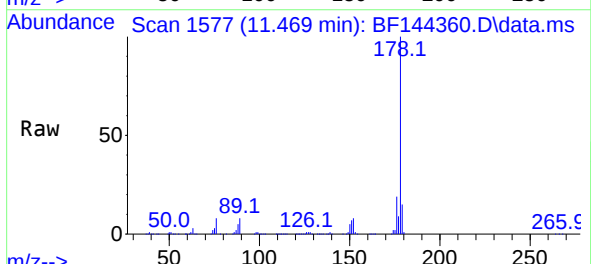
Tgt Ion:178 Resp: 466230
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 14.9 12.2 18.4

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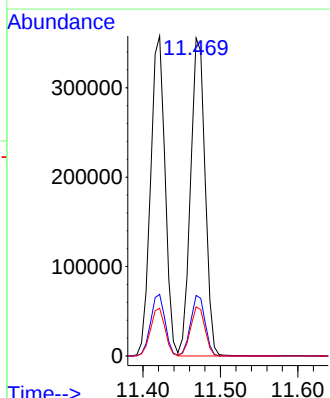
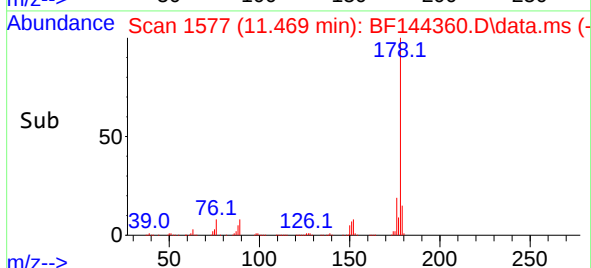
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

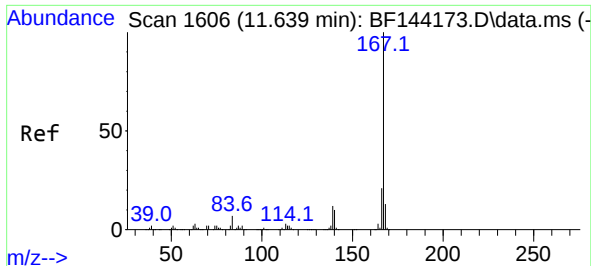


#72
Anthracene
Concen: 42.232 ng
RT: 11.469 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30



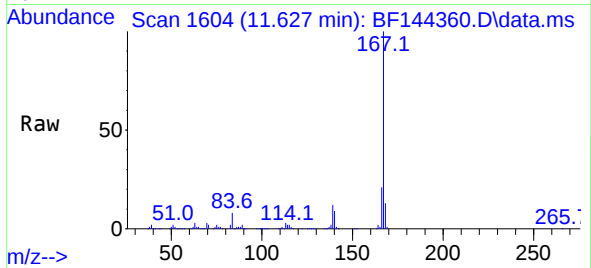
Tgt Ion:178 Resp: 461409
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.4 12.0 18.0





#73
Carbazole
Concen: 41.840 ng
RT: 11.627 min Scan# 1604
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

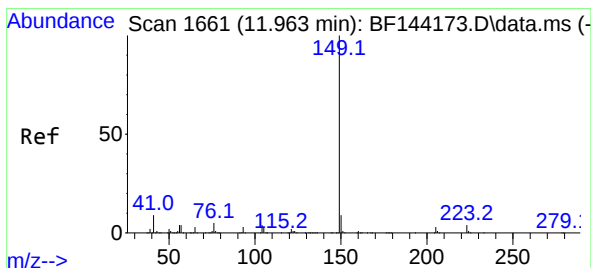
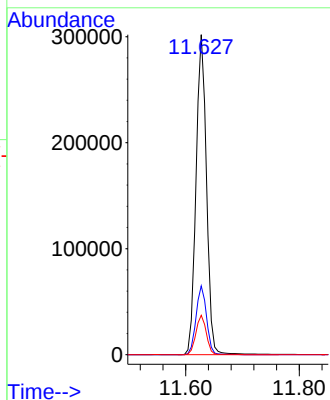
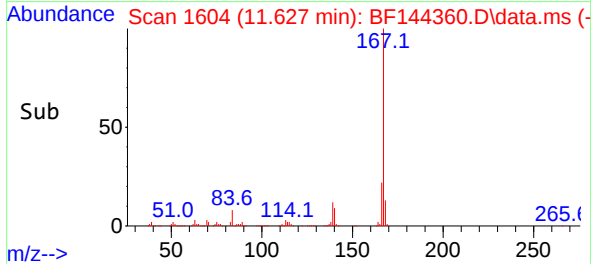
Instrument :
BNA_F
ClientSampleId :
PB170735BS



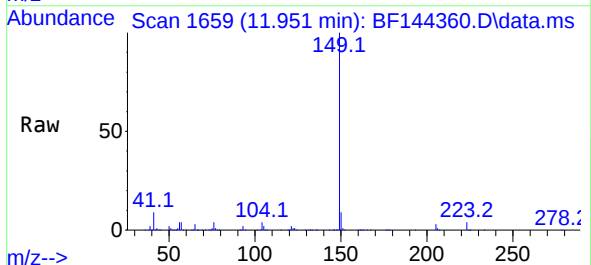
Tgt Ion:167 Resp: 388712
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 12.3 9.9 14.9

Manual Integrations
APPROVED

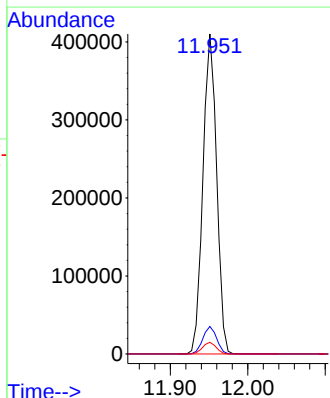
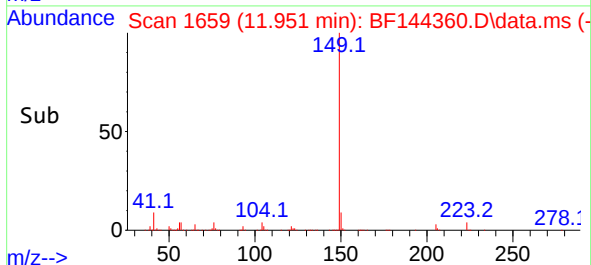
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

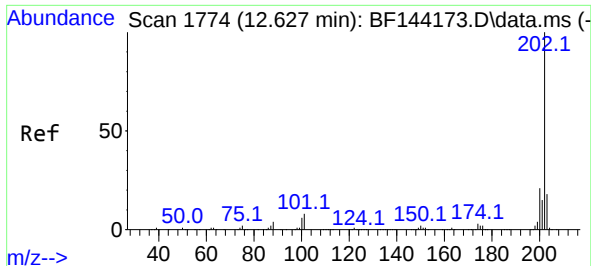


#74
Di-n-butylphthalate
Concen: 44.786 ng
RT: 11.951 min Scan# 1659
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30



Tgt Ion:149 Resp: 502995
Ion Ratio Lower Upper
149 100
150 8.6 7.4 11.0
104 3.7 3.4 5.2





#75
Fluoranthene
Concen: 40.965 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

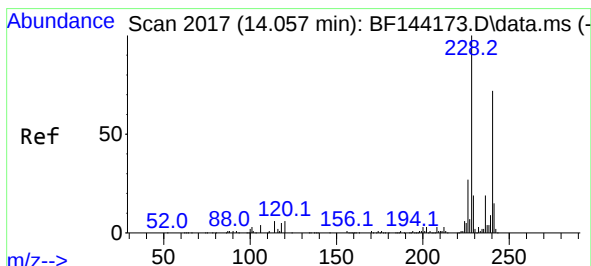
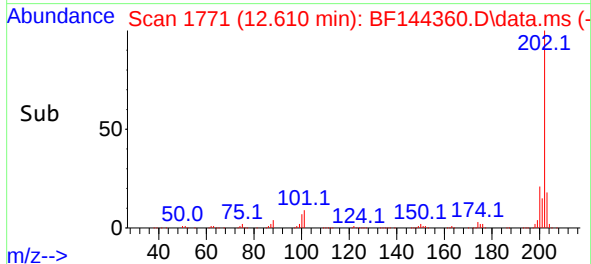
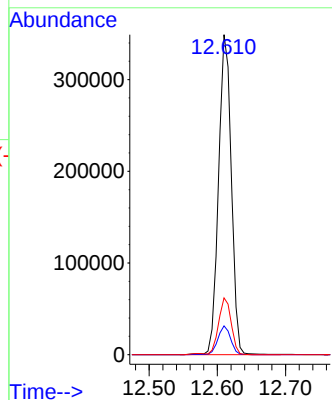
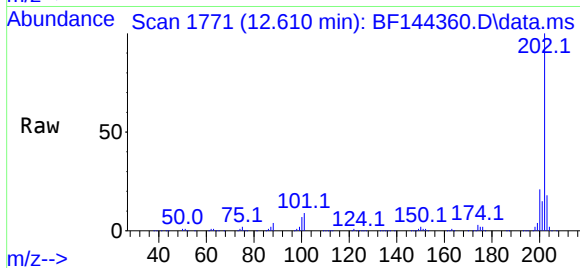
PB170735BS

Tgt Ion:202 Resp: 454684
Ion Ratio Lower Upper
202 100
101 9.0 0.0 27.9
203 17.8 0.0 37.5

Manual Integrations

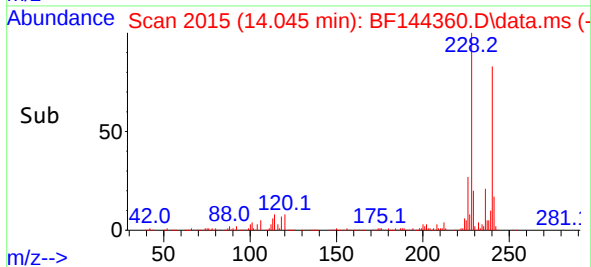
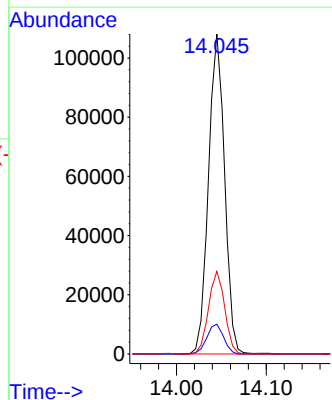
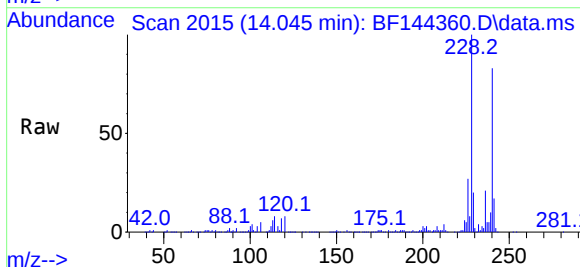
APPROVED

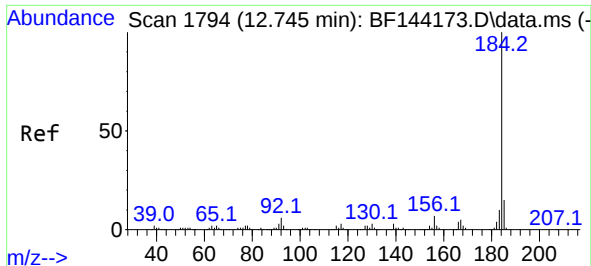
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

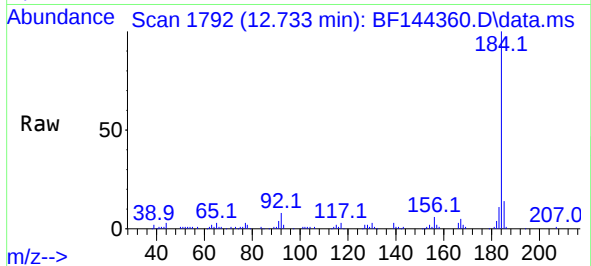
Tgt Ion:240 Resp: 134794
Ion Ratio Lower Upper
240 100
120 9.3 6.6 10.0
236 25.8 21.4 32.2





#77
Benzidine
Concen: 18.297 ng
RT: 12.733 min Scan# 1792
Delta R.T. -0.018 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

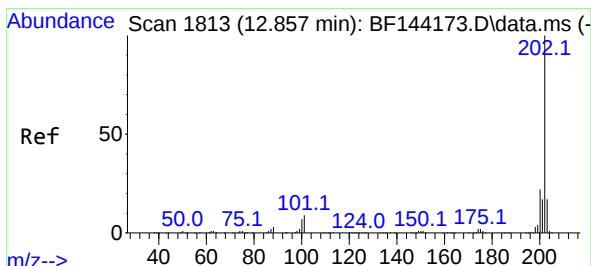
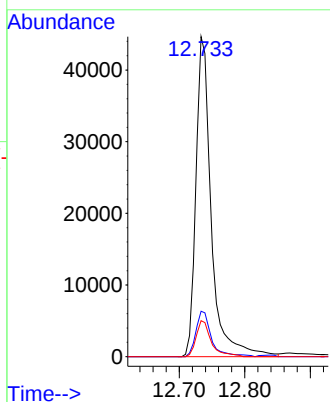
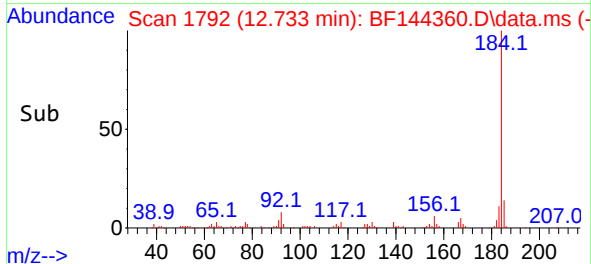
Instrument :
BNA_F
ClientSampleId :
PB170735BS



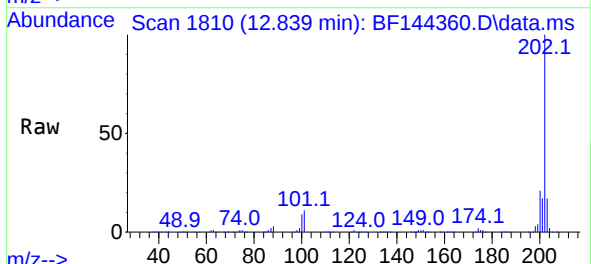
Tgt Ion:184 Resp: 72952
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 11.2 8.3 12.5

Manual Integrations
APPROVED

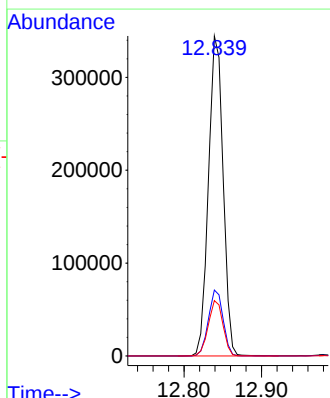
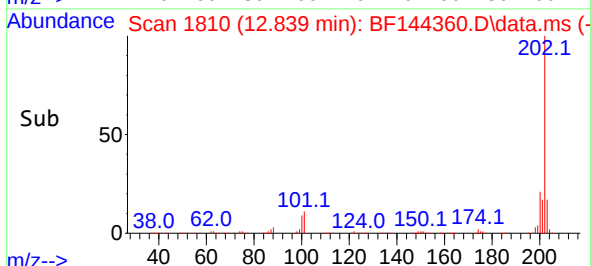
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

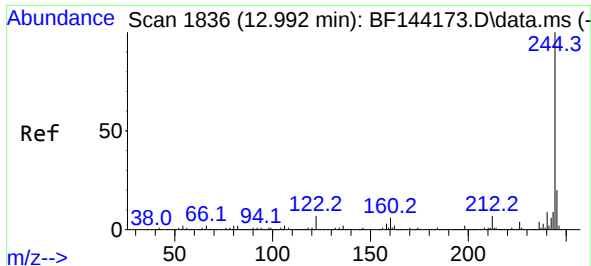


#78
Pyrene
Concen: 41.627 ng
RT: 12.839 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30



Tgt Ion:202 Resp: 452414
Ion Ratio Lower Upper
202 100
200 20.6 17.2 25.8
203 17.3 13.7 20.5





#79
 Terphenyl-d14
 Concen: 76.489 ng
 RT: 12.980 min Scan# 1836
 Delta R.T. -0.012 min
 Lab File: BF144360.D
 Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

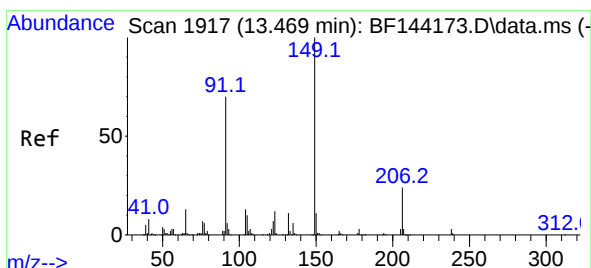
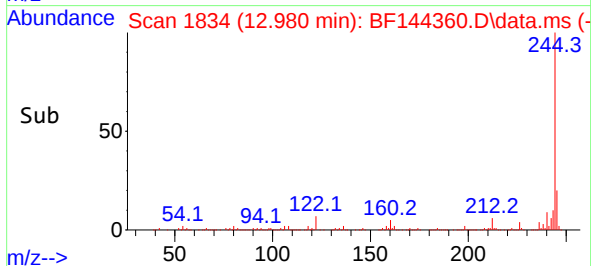
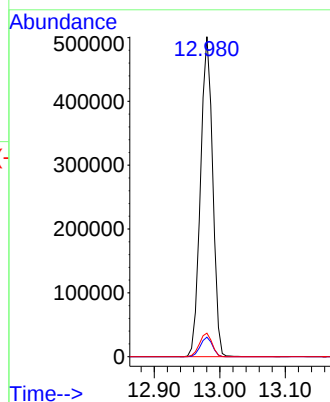
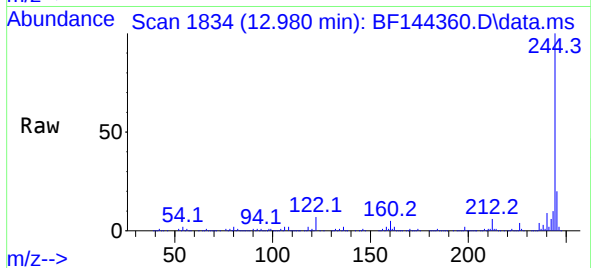
PB170735BS

Tgt Ion:244 Resp: 64909
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.3 7.9
 122 7.3 5.6 8.4

Manual Integrations

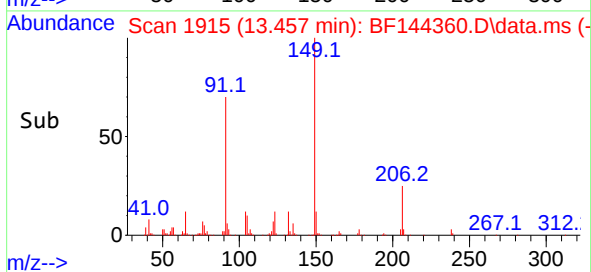
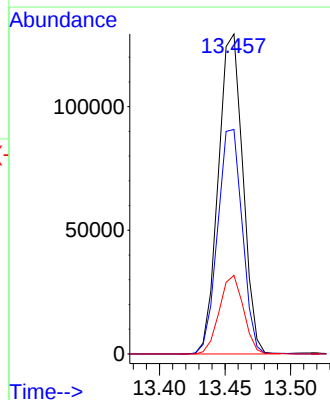
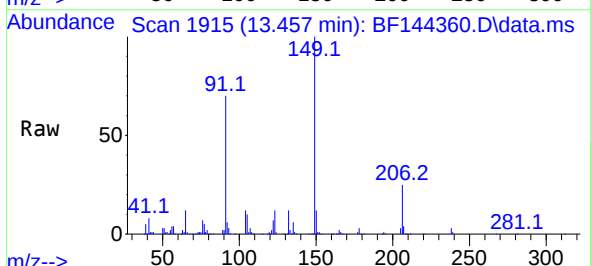
APPROVED

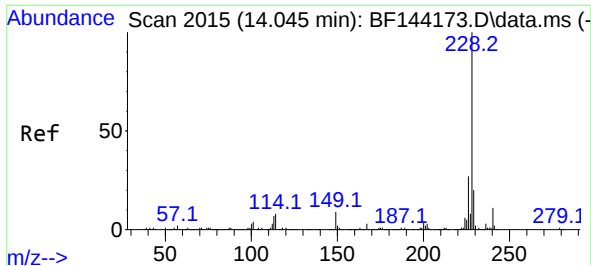
Reviewed By :Jagrut Upadhyay 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025



#80
 Butylbenzylphthalate
 Concen: 44.725 ng
 RT: 13.457 min Scan# 1915
 Delta R.T. -0.012 min
 Lab File: BF144360.D
 Acq: 26 Nov 2025 14:30

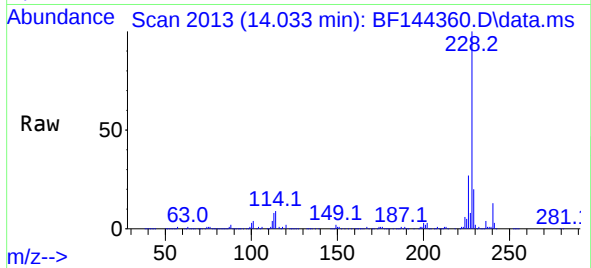
Tgt Ion:149 Resp: 168470
 Ion Ratio Lower Upper
 149 100
 91 70.2 56.1 84.1
 206 24.6 18.8 28.2





#81
Benzo(a)anthracene
Concen: 43.661 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

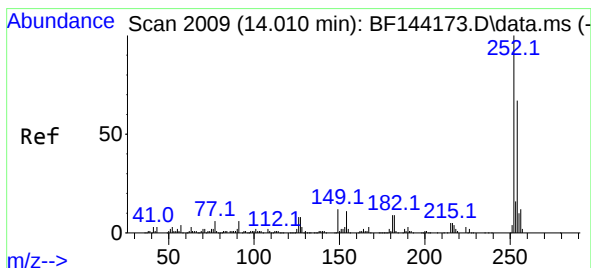
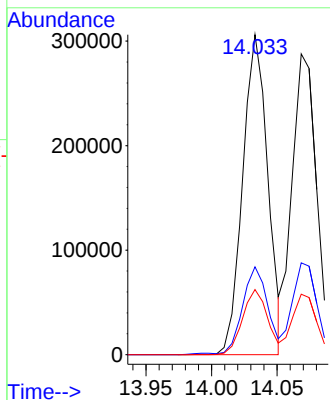
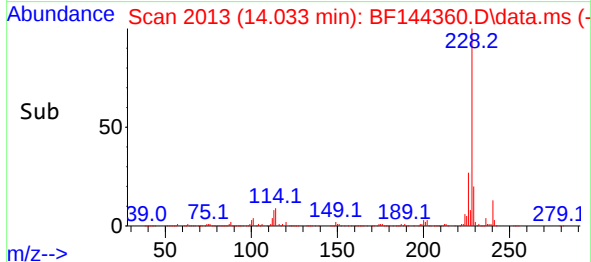
Instrument :
BNA_F
ClientSampleId :
PB170735BS



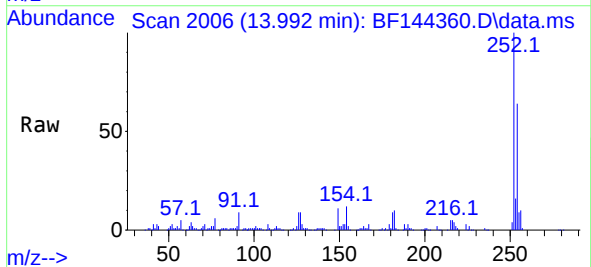
Tgt Ion:228 Resp: 407888
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 20.4 15.8 23.6

Manual Integrations
APPROVED

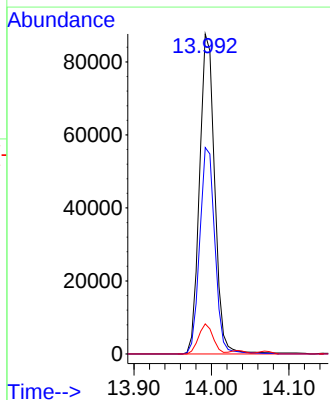
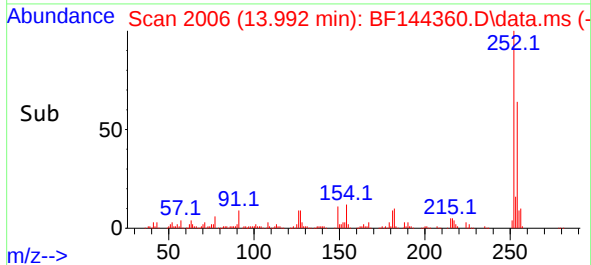
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

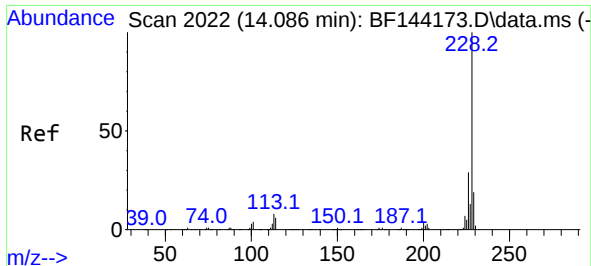


#82
3,3'-Dichlorobenzidine
Concen: 37.154 ng
RT: 13.992 min Scan# 2006
Delta R.T. -0.018 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30



Tgt Ion:252 Resp: 118978
Ion Ratio Lower Upper
252 100
254 64.5 53.5 80.3
126 9.4 6.4 9.6





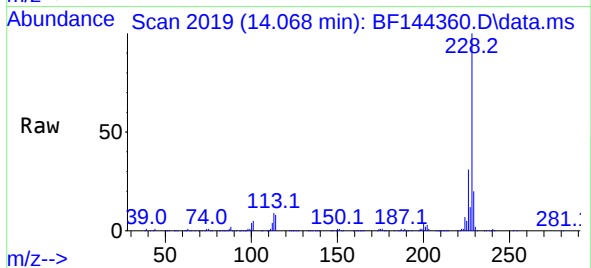
#83
Chrysene
Concen: 43.123 ng
RT: 14.068 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

PB170735BS

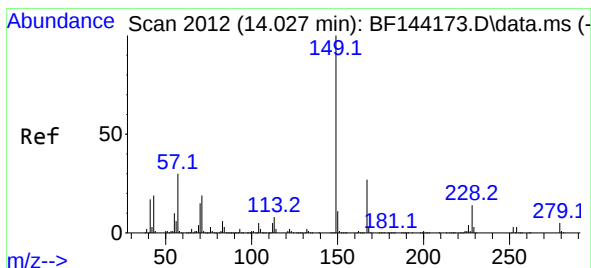
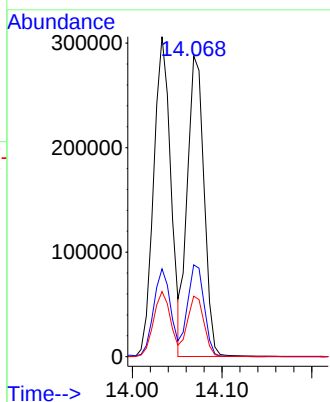
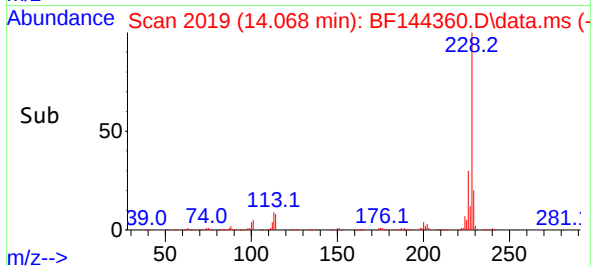


Tgt Ion:228 Resp: 371894
Ion Ratio Lower Upper
228 100
226 30.6 22.9 34.3
229 20.1 15.0 22.6

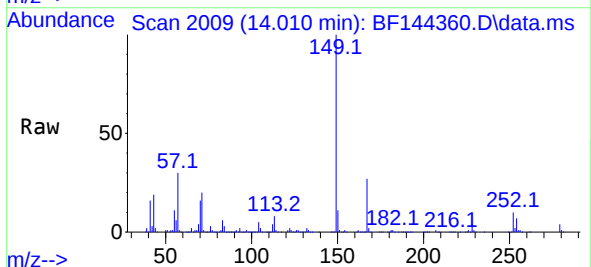
Manual Integrations

APPROVED

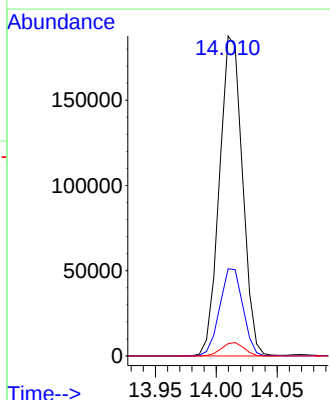
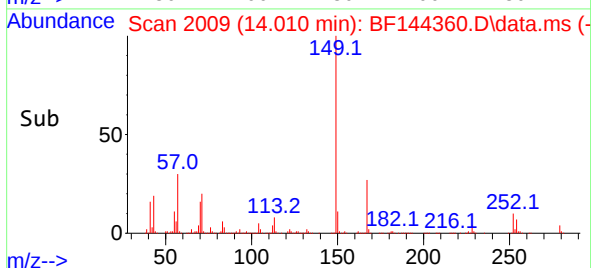
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

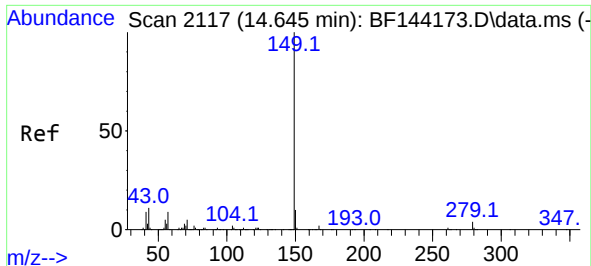


#84
Bis(2-ethylhexyl)phthalate
Concen: 47.908 ng
RT: 14.010 min Scan# 2009
Delta R.T. -0.018 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30



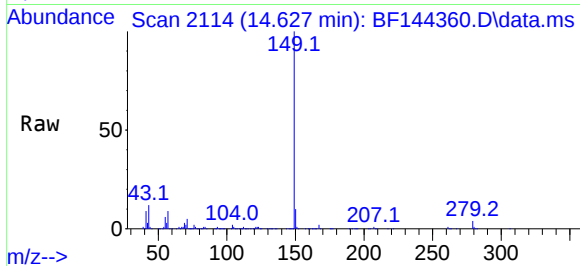
Tgt Ion:149 Resp: 247038
Ion Ratio Lower Upper
149 100
167 27.3 21.8 32.8
279 3.9 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 51.000 ng
RT: 14.627 min Scan# 2114
Delta R.T. -0.018 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

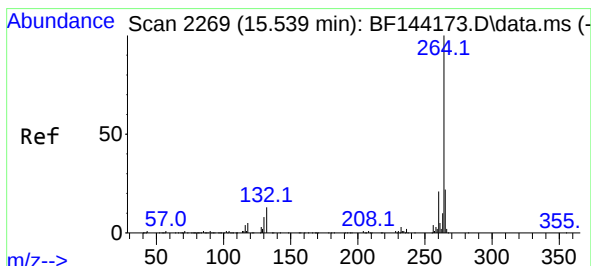
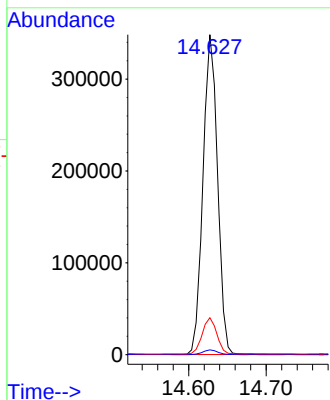
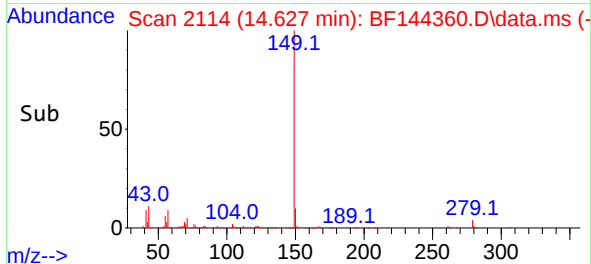
Instrument :
BNA_F
ClientSampleId :
PB170735BS



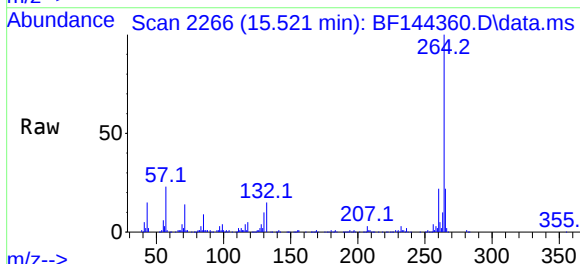
Tgt Ion:149 Resp: 45373
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.2 9.0 13.4

Manual Integrations
APPROVED

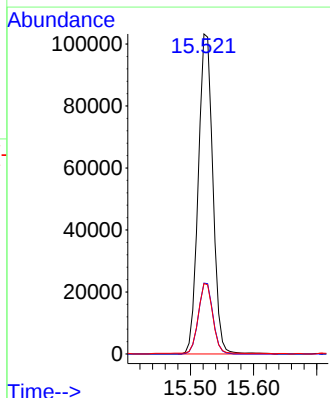
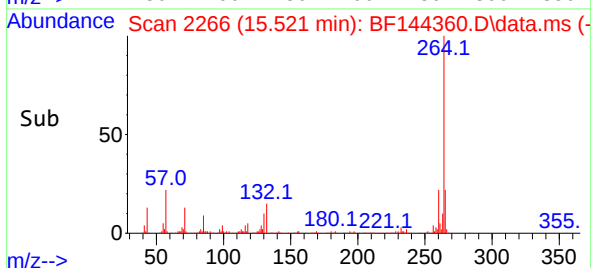
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

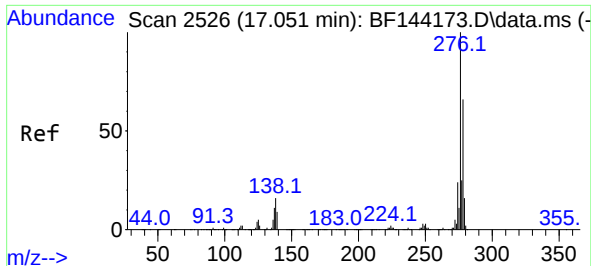


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30



Tgt Ion:264 Resp: 165299
Ion Ratio Lower Upper
264 100
260 22.2 17.1 25.7
265 22.0 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.798 ng
RT: 17.033 min Scan# 2193
Delta R.T. -0.000 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

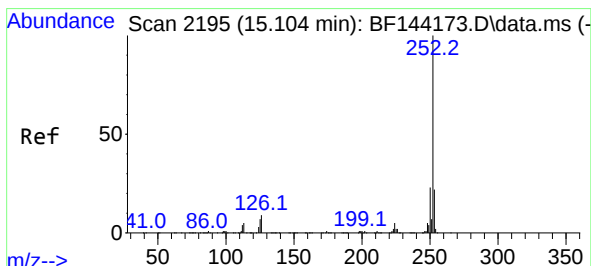
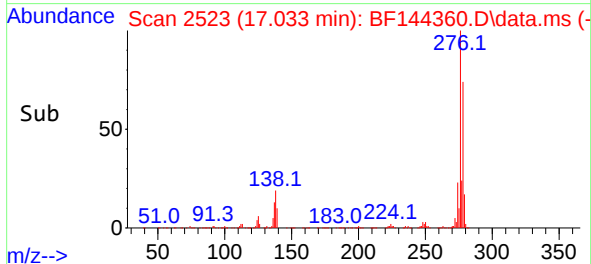
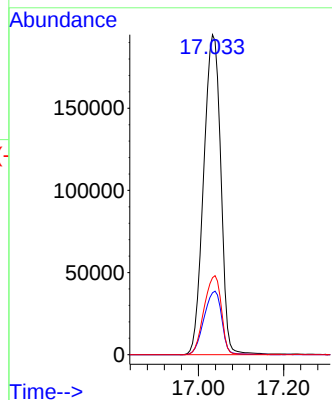
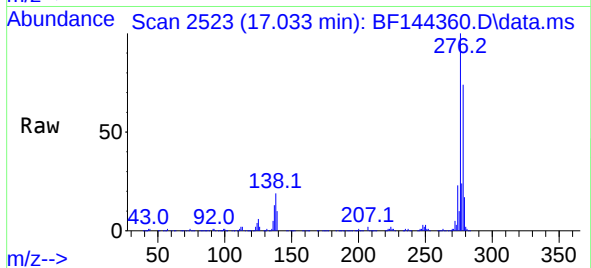
PB170735BS

Tgt Ion:276 Resp: 54343
Ion Ratio Lower Upper
276 100
138 20.5 13.9 20.9
277 25.0 19.8 29.6

Manual Integrations

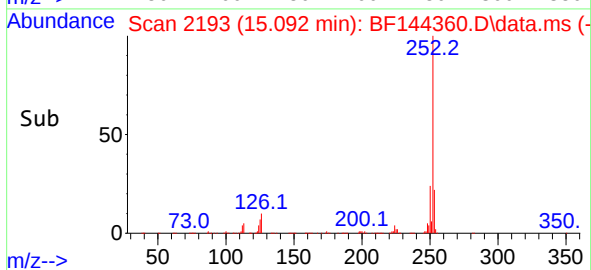
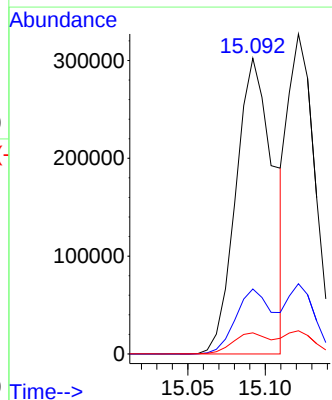
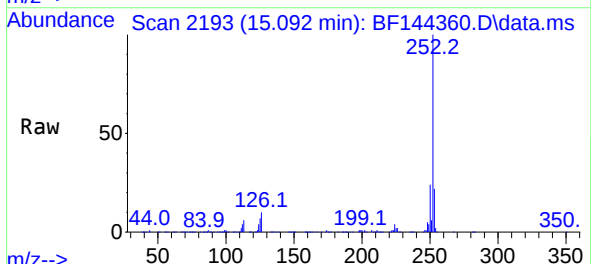
APPROVED

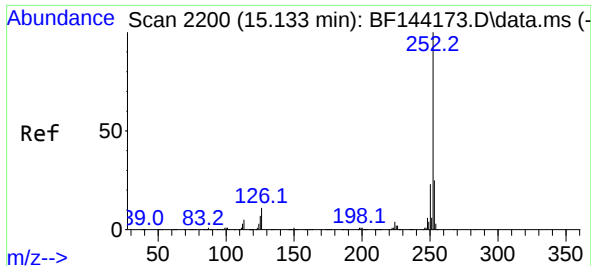
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#88
Benzo(b)fluoranthene
Concen: 54.294 ng
RT: 15.092 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:252 Resp: 510236
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 7.1 5.3 7.9





#89
Benzo(k)fluoranthene
Concen: 44.967 ng
RT: 15.121 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

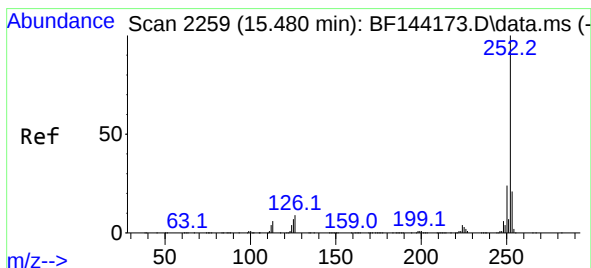
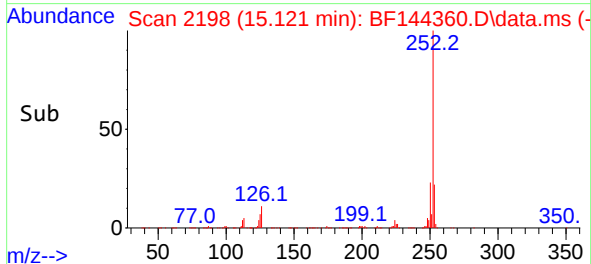
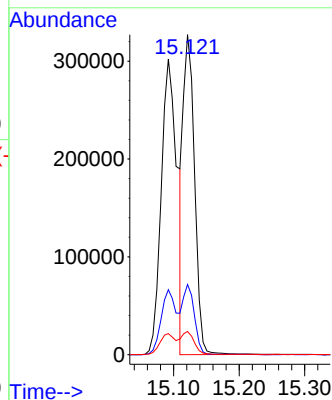
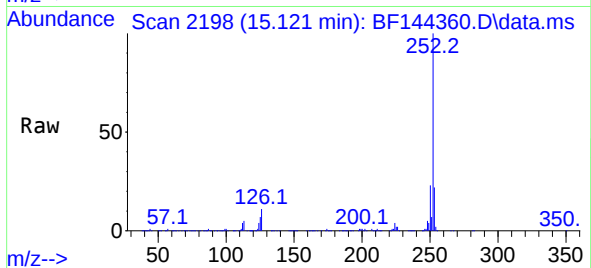
PB170735BS

Tgt Ion:252 Resp: 39553
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 7.3 5.4 8.2

Manual Integrations

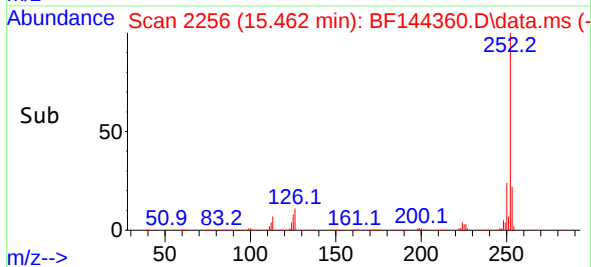
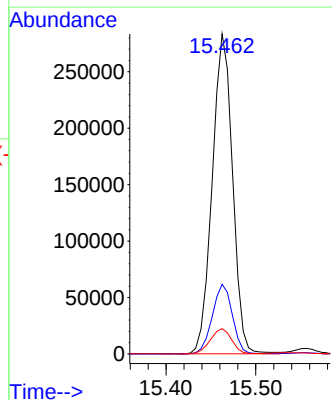
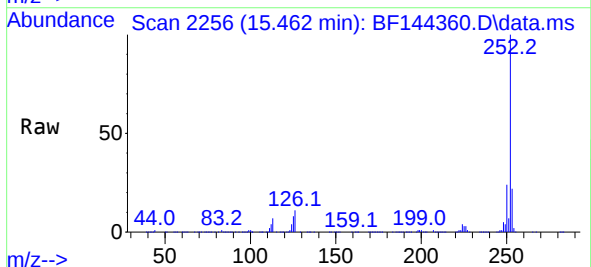
APPROVED

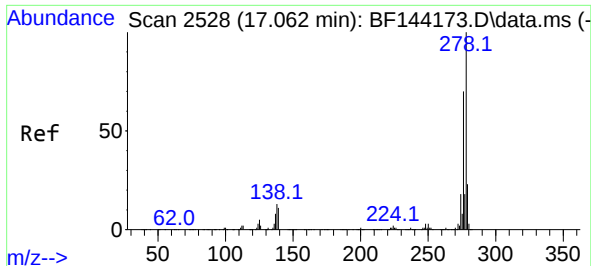
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#90
Benzo(a)pyrene
Concen: 51.387 ng
RT: 15.462 min Scan# 2256
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:252 Resp: 445511
Ion Ratio Lower Upper
252 100
253 21.8 16.7 25.1
125 7.9 5.7 8.5





#91
Dibenzo(a,h)anthracene
Concen: 47.398 ng
RT: 17.045 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

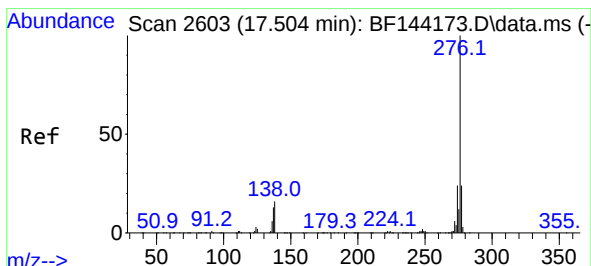
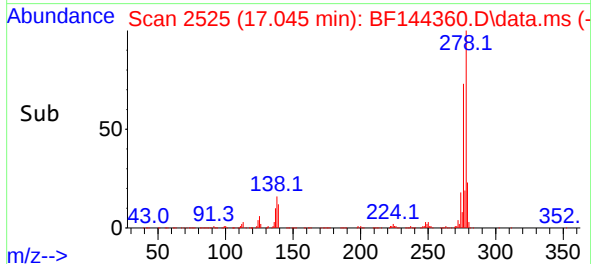
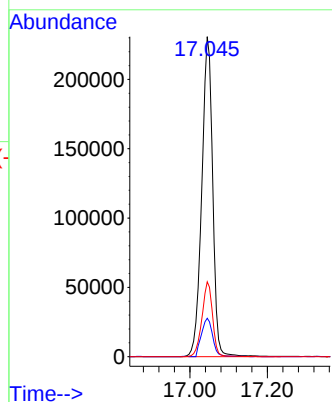
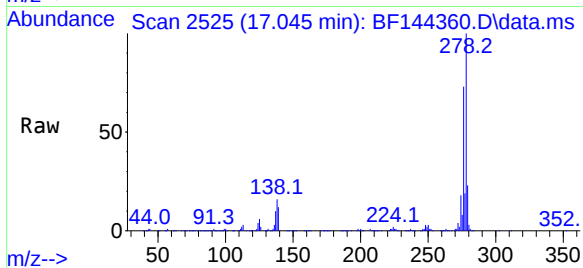
PB170735BS

Tgt Ion:278 Resp: 45168
Ion Ratio Lower Upper
278 100
139 12.0 9.1 13.7
279 23.4 18.2 27.4

Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 48.162 ng
RT: 17.486 min Scan# 2600
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:276 Resp: 453226
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.4
138 18.0 12.9 19.3

