

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111425\
 Data File : BF144255.D
 Acq On : 14 Nov 2025 11:17
 Operator : RC/JU
 Sample : PB170538BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB170538BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/17/2025

Supervised By :Sohil Jodhani 11/17/2025

Quant Time: Nov 14 11:36:54 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	53726	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	205178	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	115456	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	197067	20.000	ng	0.00
76) Chrysene-d12	14.045	240	100542	20.000	ng	0.00
86) Perylene-d12	15.521	264	133757	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	409893	119.389	ng	0.00
7) Phenol-d6	6.498	99	457808	117.684	ng	0.00
23) Nitrobenzene-d5	7.428	82	304690	85.766	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	182687	126.092	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	649991	83.148	ng	0.00
79) Terphenyl-d14	12.980	244	607096	95.912	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	56875	40.070	ng	97
3) Pyridine	3.451	79	154608	39.043	ng	98
4) n-Nitrosodimethylamine	3.404	42	104809	50.670	ng	95
6) Aniline	6.528	93	182772	32.976	ng	# 83
8) 2-Chlorophenol	6.651	128	152753	45.369	ng	99
9) Benzaldehyde	6.422	77	78489	35.731	ng	97
10) Phenol	6.516	94	203717	42.861	ng	88
11) bis(2-Chloroethyl)ether	6.604	93	160111	46.231	ng	99
12) 1,3-Dichlorobenzene	6.810	146	188790	45.440	ng	99
13) 1,4-Dichlorobenzene	6.887	146	188727	45.341	ng	100
14) 1,2-Dichlorobenzene	7.034	146	181521	45.499	ng	99
15) Benzyl Alcohol	7.010	79	145459	47.222	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	293189	45.971	ng	97
17) 2-Methylphenol	7.122	107	123374	46.060	ng	98
18) Hexachloroethane	7.375	117	62554	45.235	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	118124	46.126	ng	97
20) 3+4-Methylphenols	7.275	107	138438	43.844	ng	# 88
22) Acetophenone	7.275	105	224695	51.049	ng	94
24) Nitrobenzene	7.451	77	180104	46.692	ng	99
25) Isophorone	7.686	82	313211	46.611	ng	99
26) 2-Nitrophenol	7.763	139	87547	45.850	ng	94
27) 2,4-Dimethylphenol	7.798	122	145305	50.772	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	195325	46.548	ng	99
29) 2,4-Dichlorophenol	8.010	162	146615	44.449	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	157003	46.353	ng	96
31) Naphthalene	8.169	128	437773	44.853	ng	99
32) Benzoic acid	7.934	122	94888	45.232	ng	96
33) 4-Chloroaniline	8.222	127	72628	20.403	ng	99
34) Hexachlorobutadiene	8.286	225	111899	43.836	ng	98
35) Caprolactam	8.592	113	43606m	48.253	ng	
36) 4-Chloro-3-methylphenol	8.704	107	137001	46.344	ng	98
37) 2-Methylnaphthalene	8.863	142	267657	41.017	ng	100
38) 1-Methylnaphthalene	8.963	142	271029	43.045	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	187203	49.474	ng	98
41) Hexachlorocyclopentadiene	9.016	237	156472	97.472	ng	98
43) 2,4,6-Trichlorophenol	9.139	196	112554	43.704	ng	98

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Quant Time: Nov 14 11:36:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

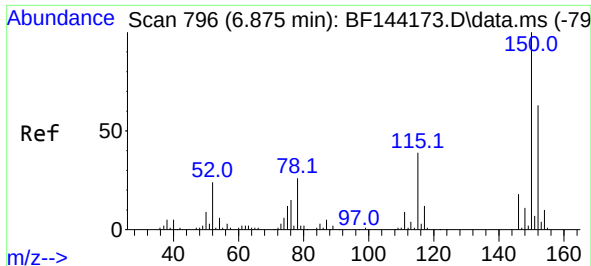
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	121266	43.689	ng	99
46) 1,1'-Biphenyl	9.328	154	396865	49.244	ng	99
47) 2-Chloronaphthalene	9.351	162	307186	44.684	ng	98
48) 2-Nitroaniline	9.451	65	97679	49.245	ng	99
49) Acenaphthylene	9.769	152	468228	49.981	ng	100
50) Dimethylphthalate	9.628	163	361606	47.277	ng	100
51) 2,6-Dinitrotoluene	9.692	165	75771	48.937	ng	96
52) Acenaphthene	9.939	154	263551	42.070	ng	99
53) 3-Nitroaniline	9.863	138	50498	29.835	ng	97
54) 2,4-Dinitrophenol	9.975	184	80174	85.750	ng	91
55) Dibenzofuran	10.116	168	391186	44.585	ng	99
56) 4-Nitrophenol	10.028	139	98802	80.697	ng	91
57) 2,4-Dinitrotoluene	10.098	165	103751	50.054	ng	94
58) Fluorene	10.457	166	305920	45.859	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	97797	49.800	ng	97
60) Diethylphthalate	10.327	149	337070	47.805	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	166830	43.904	ng	94
62) 4-Nitroaniline	10.480	138	73766	45.764	ng	97
63) Azobenzene	10.610	77	320665	48.866	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	63432	47.381	ng	96
66) n-Nitrosodiphenylamine	10.569	169	302157	47.672	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	116875	46.464	ng	98
68) Hexachlorobenzene	11.004	284	140268	47.344	ng	99
69) Atrazine	11.092	200	96020	47.636	ng	98
70) Pentachlorophenol	11.204	266	127043	86.110	ng	99
71) Phenanthrene	11.422	178	447431	45.602	ng	99
72) Anthracene	11.474	178	460716	46.179	ng	100
73) Carbazole	11.627	167	375674	44.282	ng	99
74) Di-n-butylphthalate	11.951	149	434566	42.373	ng	100
75) Fluoranthene	12.610	202	431931	42.616	ng	99
77) Benzidine	12.733	184	93940	31.587	ng	98
78) Pyrene	12.845	202	429807	53.019	ng	99
80) Butylbenzylphthalate	13.457	149	124701	44.383	ng	99
81) Benzo(a)anthracene	14.033	228	330869	47.482	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	65933	27.604	ng	95
83) Chrysene	14.068	228	314609	48.908	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	154655	40.209	ng	99
85) Di-n-octyl phthalate	14.627	149	286634	43.193	ng	99
87) Indeno(1,2,3-cd)pyrene	17.021	276	463799	48.304	ng	99
88) Benzo(b)fluoranthene	15.092	252	370058	48.664	ng	100
89) Benzo(k)fluoranthene	15.121	252	340725	47.870	ng	97
90) Benzo(a)pyrene	15.462	252	353219	50.350	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	377187	48.915	ng	99
92) Benzo(g,h,i)perylene	17.474	276	374534	49.185	ng	99

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

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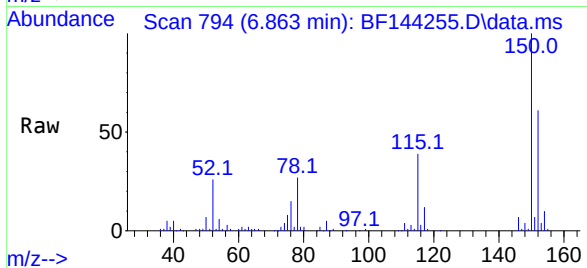
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Instrument :

BNA_F

ClientSampleId :

PB170538BS

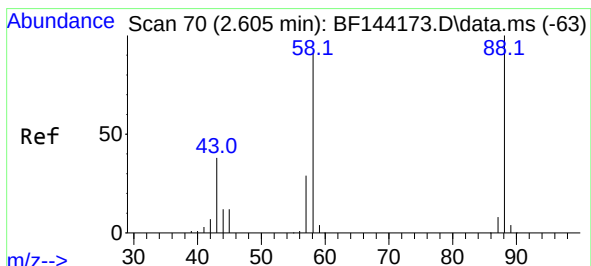
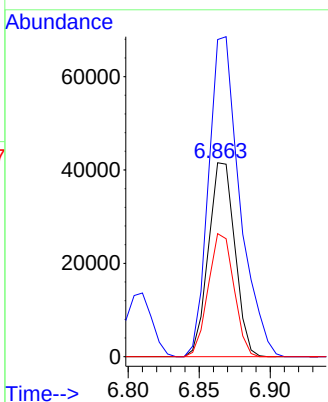
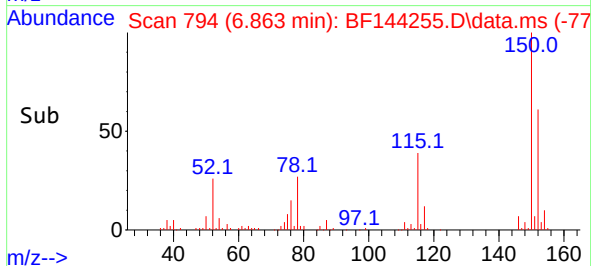


Tgt Ion:152 Resp: 53720
Ion Ratio Lower Upper
152 100
150 163.6 127.4 191.0
115 63.5 49.5 74.3

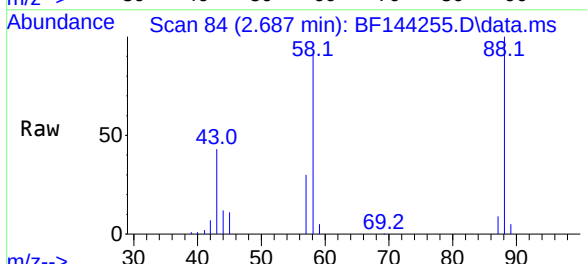
Manual Integrations

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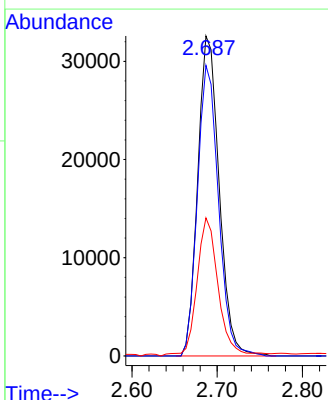
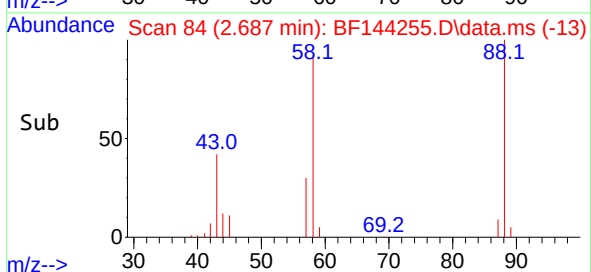
Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025

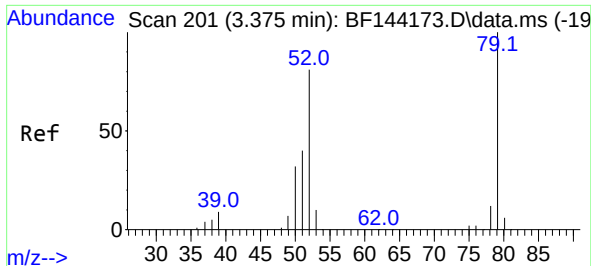


#2
1,4-Dioxane
Concen: 40.070 ng
RT: 2.687 min Scan# 84
Delta R.T. 0.070 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17



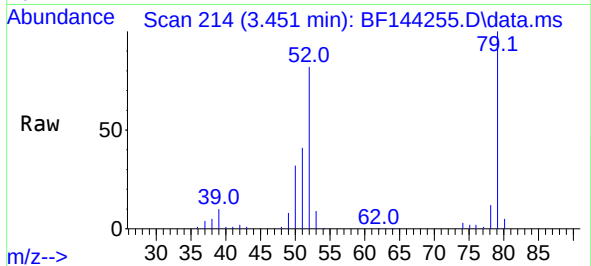
Tgt Ion: 88 Resp: 56875
Ion Ratio Lower Upper
88 100
58 89.3 73.1 109.7
43 42.5 31.0 46.6





#3
Pyridine
Concen: 39.043 ng
RT: 3.451 min Scan# 214
Delta R.T. 0.041 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

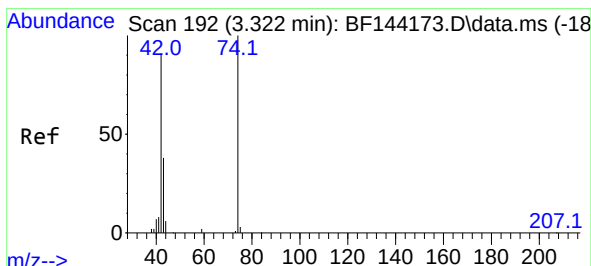
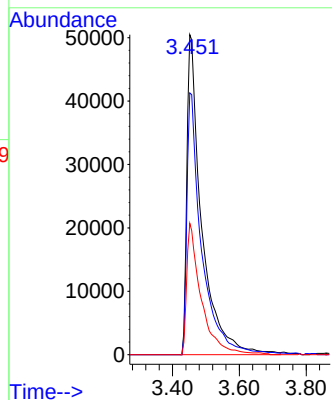
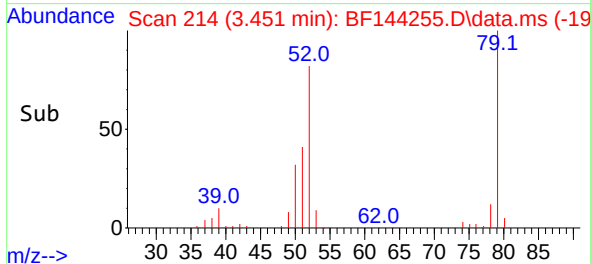
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ClientSampleId :
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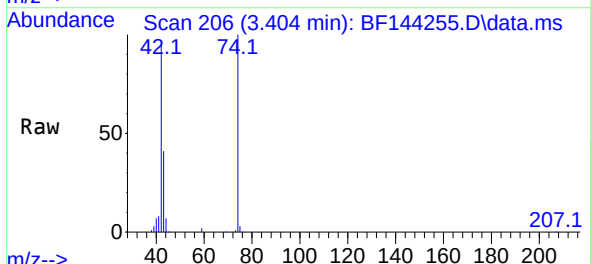
Tgt Ion: 79 Resp: 154608
Ion Ratio Lower Upper
79 100
52 81.8 64.5 96.7
51 41.0 31.7 47.5

Manual Integrations
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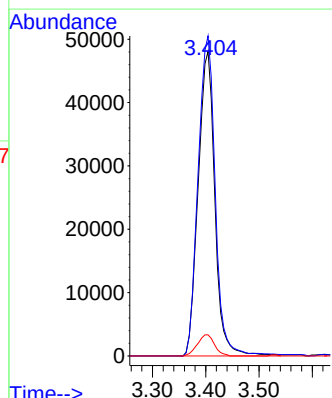
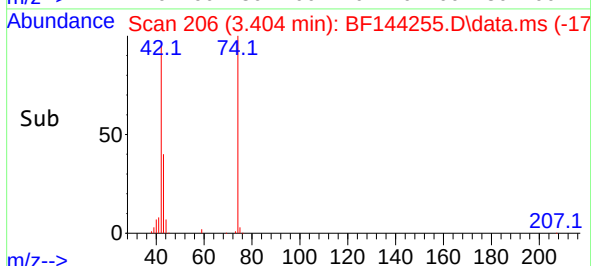
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Supervised By :Sohil Jodhani 11/17/2025

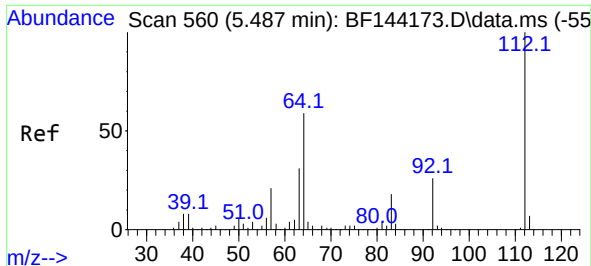


#4
n-Nitrosodimethylamine
Concen: 50.670 ng
RT: 3.404 min Scan# 206
Delta R.T. 0.059 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17



Tgt Ion: 42 Resp: 104809
Ion Ratio Lower Upper
42 100
74 105.0 88.2 132.4
44 6.9 5.7 8.5





#5
2-Fluorophenol
Concen: 119.389 ng
RT: 5.498 min Scan# 509
Delta R.T. 0.006 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Instrument :

BNA_F

ClientSampleId :

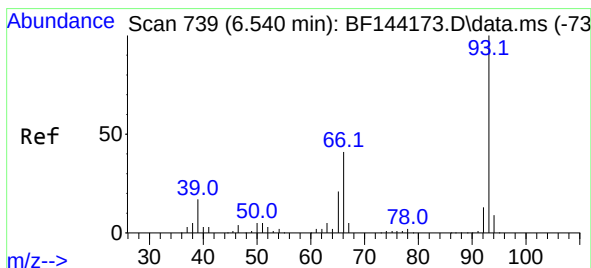
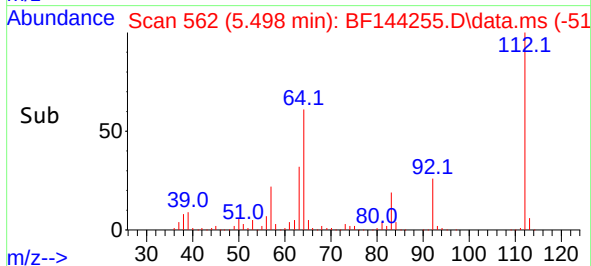
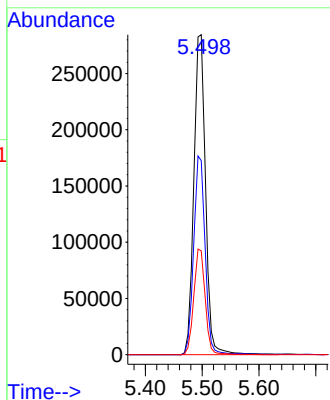
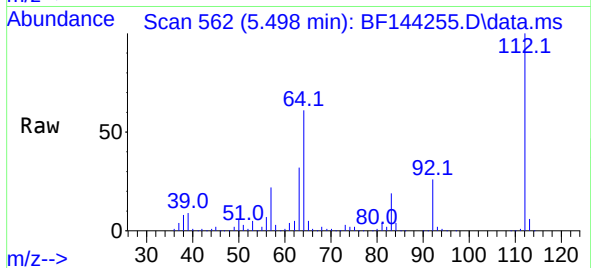
PB170538BS

Tgt Ion:112 Resp: 40989
Ion Ratio Lower Upper
112 100
64 60.6 47.2 70.8
63 32.4 24.4 36.6

Manual Integrations

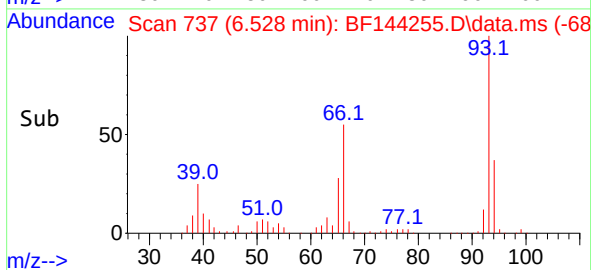
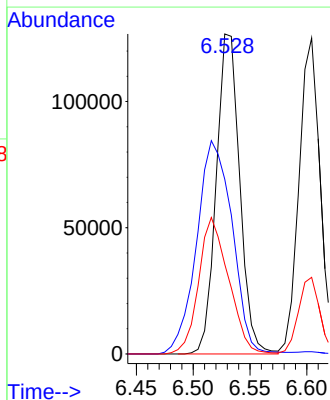
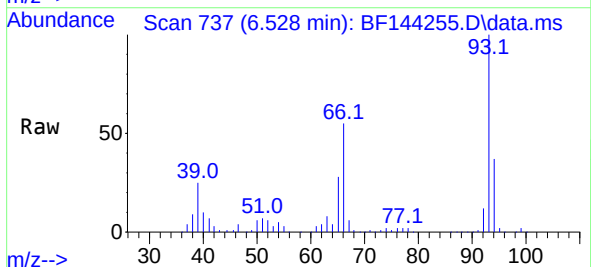
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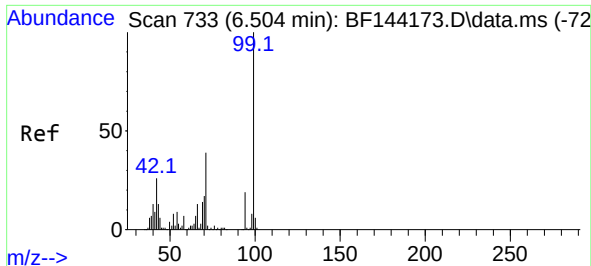
Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



#6
Aniline
Concen: 32.976 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

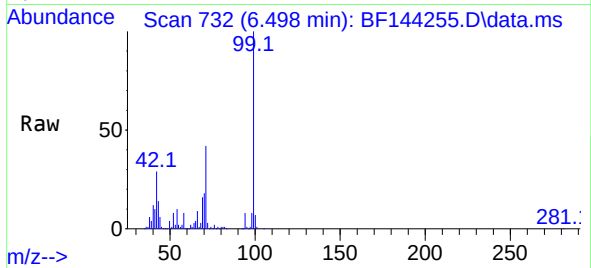
Tgt Ion: 93 Resp: 182772
Ion Ratio Lower Upper
93 100
66 54.6 34.3 51.5#
65 28.1 16.9 25.3#





#7
Phenol-d6
Concen: 117.684 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

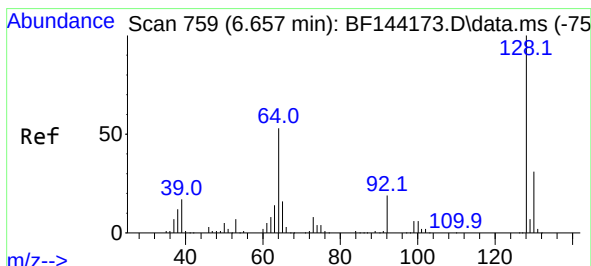
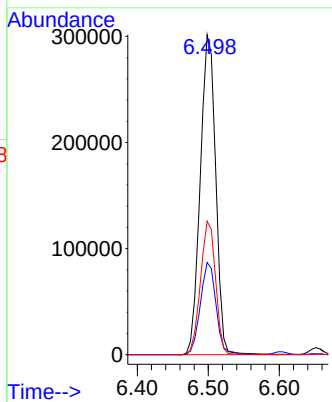
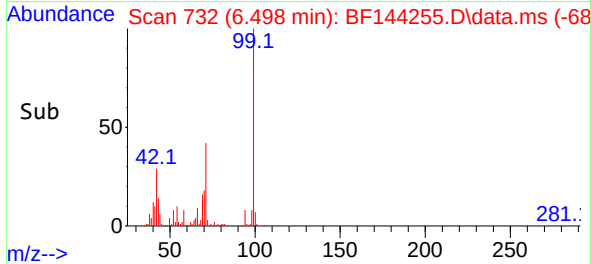
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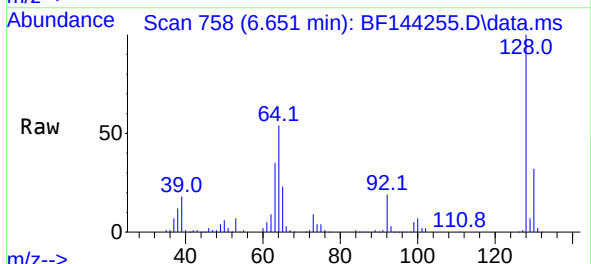
Tgt Ion: 99 Resp: 457808
Ion Ratio Lower Upper
99 100
42 28.8 20.9 31.3
71 41.7 31.4 47.2

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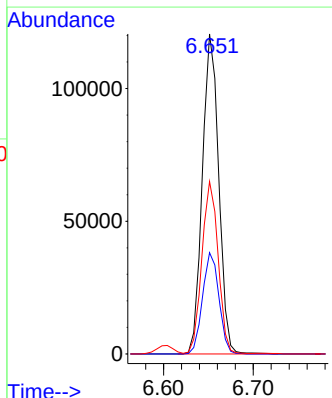
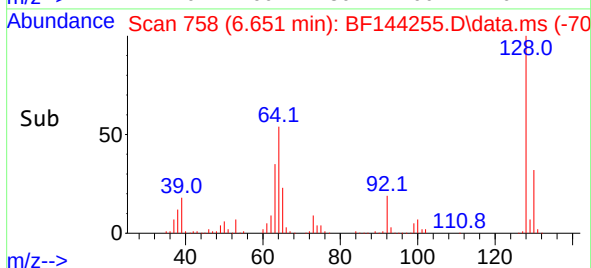
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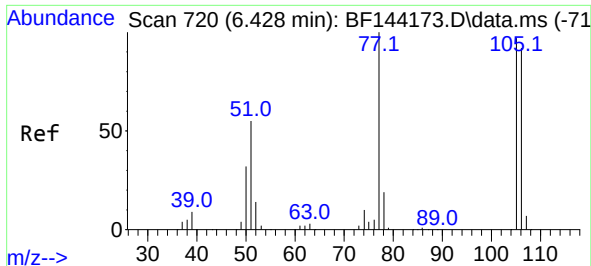


#8
2-Chlorophenol
Concen: 45.369 ng
RT: 6.651 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17



Tgt Ion:128 Resp: 152753
Ion Ratio Lower Upper
128 100
130 31.7 10.5 50.5
64 53.9 33.2 73.2





#9
Benzaldehyde
Concen: 35.731 ng
RT: 6.422 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Instrument :

BNA_F

ClientSampleId :

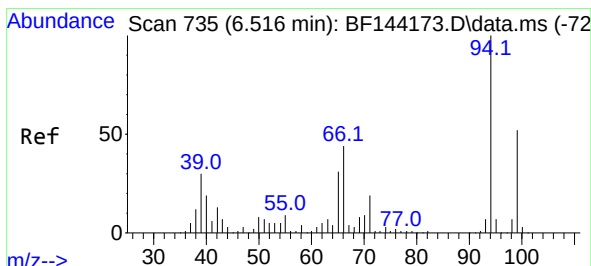
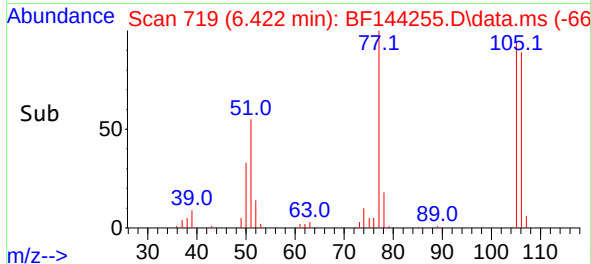
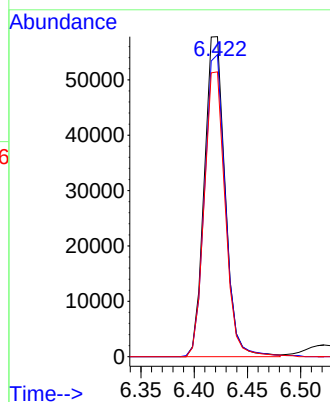
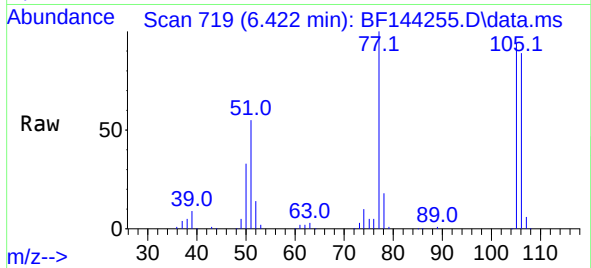
PB170538BS

Tgt Ion: 77 Resp: 78489
Ion Ratio Lower Upper
77 100
105 94.4 77.2 117.2
106 89.0 72.2 112.2

Manual Integrations

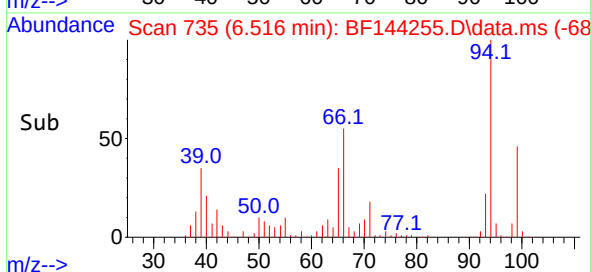
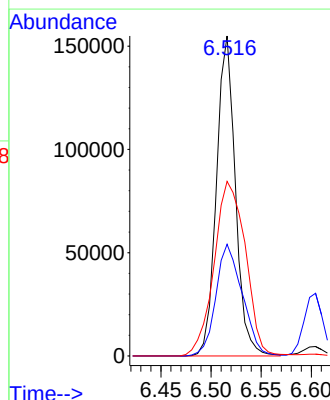
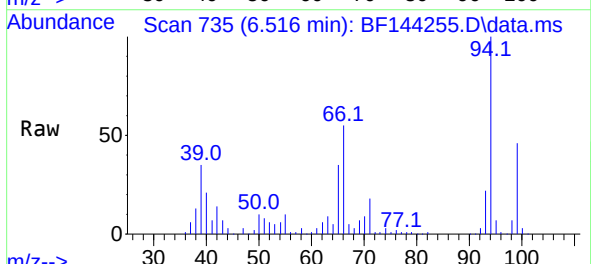
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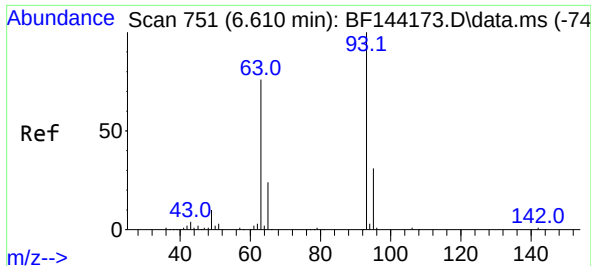
Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



#10
Phenol
Concen: 42.861 ng
RT: 6.516 min Scan# 735
Delta R.T. 0.006 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Tgt Ion: 94 Resp: 203717
Ion Ratio Lower Upper
94 100
65 34.9 10.8 50.8
66 54.5 24.3 64.3





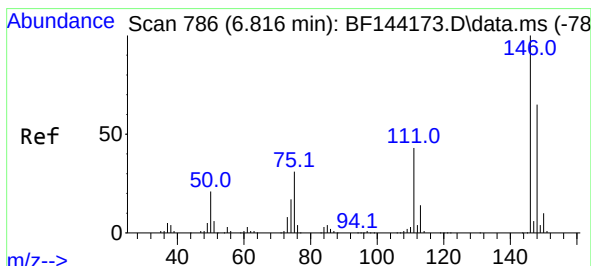
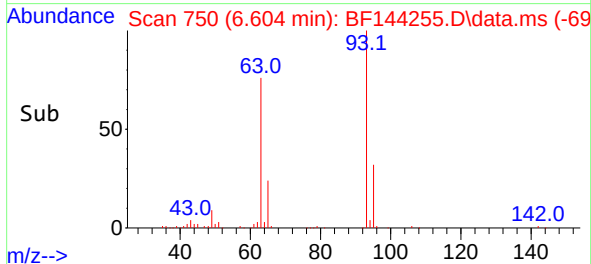
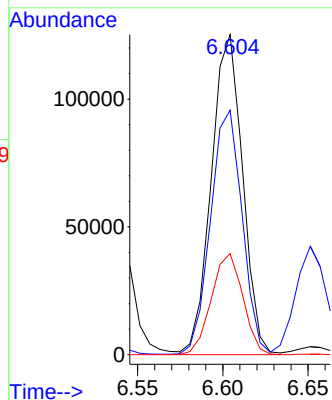
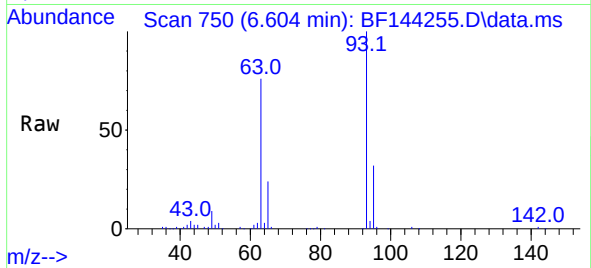
#11
bis(2-Chloroethyl)ether
Concen: 46.231 ng
RT: 6.604 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Instrument :
BNA_F
ClientSampleId :
PB170538BS

Tgt Ion: 93 Resp: 16011
Ion Ratio Lower Upper
93 100
63 76.4 55.2 95.2
95 31.6 11.2 51.2

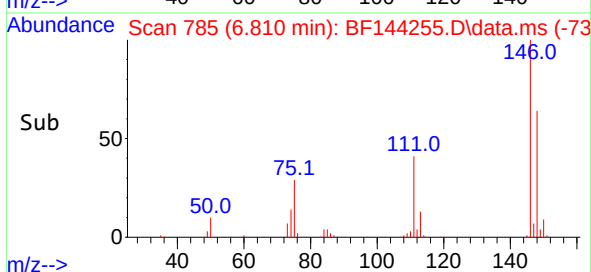
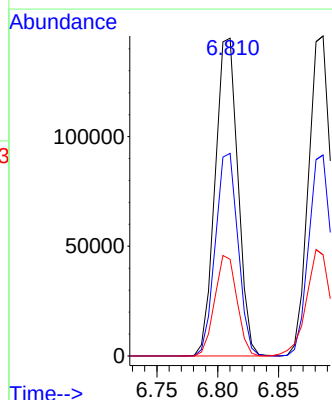
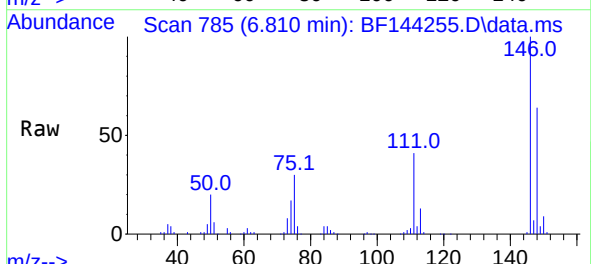
Manual Integrations
APPROVED

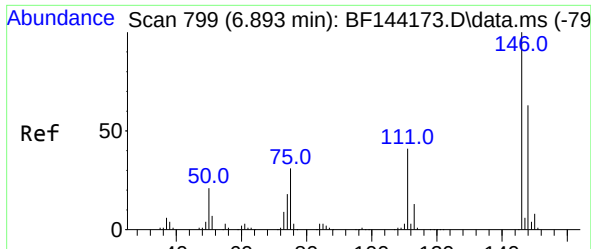
Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



#12
1,3-Dichlorobenzene
Concen: 45.440 ng
RT: 6.810 min Scan# 785
Delta R.T. -0.006 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

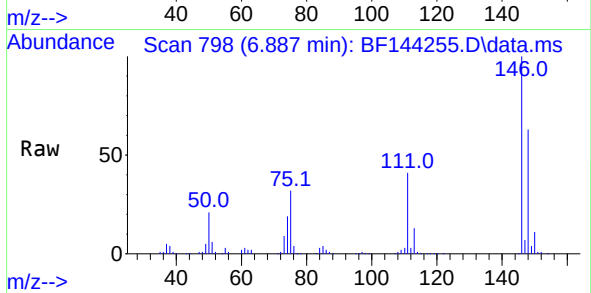
Tgt Ion:146 Resp: 188790
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.8
75 30.4 25.0 37.4





#13
1,4-Dichlorobenzene
Concen: 45.341 ng
RT: 6.887 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

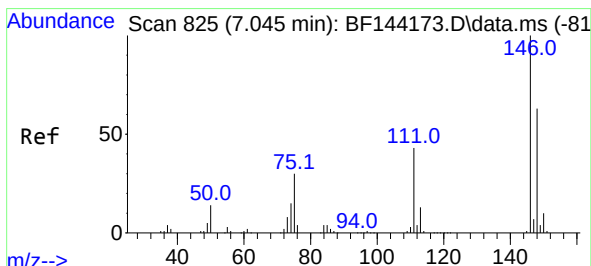
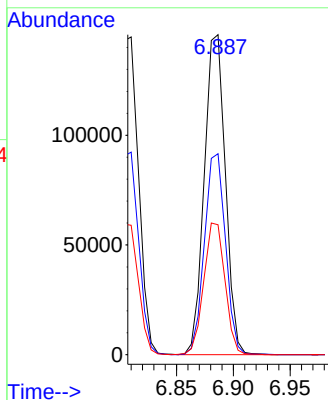
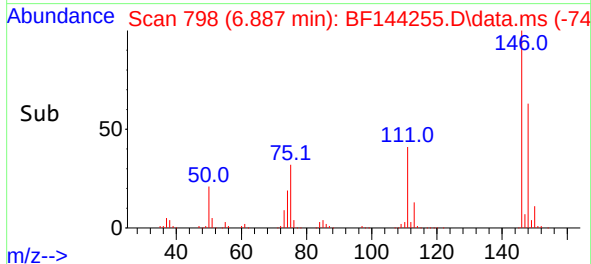
Instrument :
BNA_F
ClientSampleId :
PB170538BS



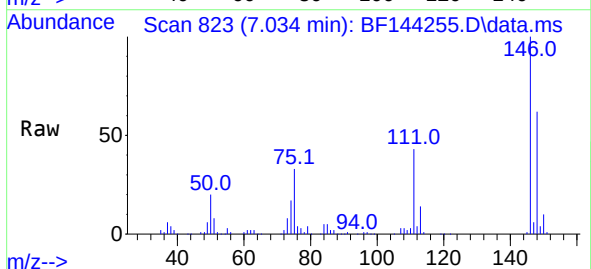
Tgt Ion:146 Resp: 188721
Ion Ratio Lower Upper
146 100
148 62.8 50.2 75.2
111 40.6 32.6 48.8

Manual Integrations
APPROVED

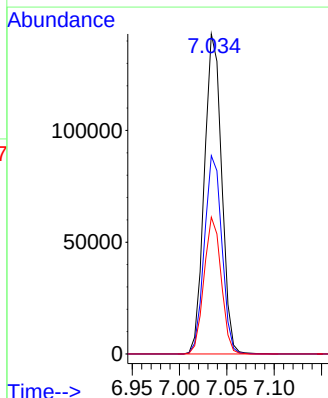
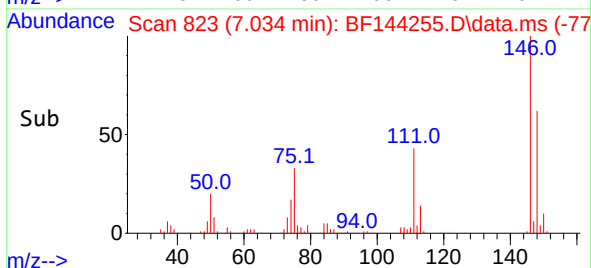
Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025

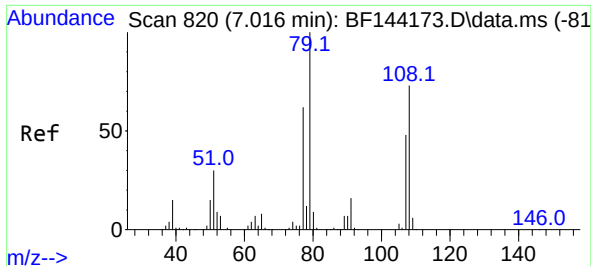


#14
1,2-Dichlorobenzene
Concen: 45.499 ng
RT: 7.034 min Scan# 823
Delta R.T. -0.012 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17



Tgt Ion:146 Resp: 181521
Ion Ratio Lower Upper
146 100
148 62.0 50.7 76.1
111 42.8 34.2 51.4





#15
Benzyl Alcohol
Concen: 47.222 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Instrument :

BNA_F

ClientSampleId :

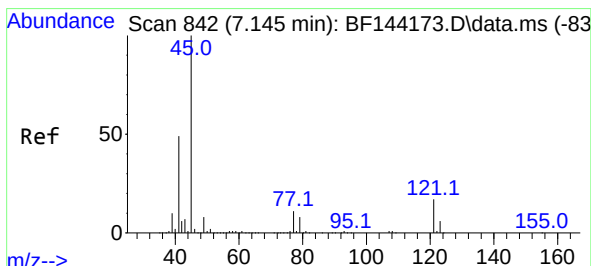
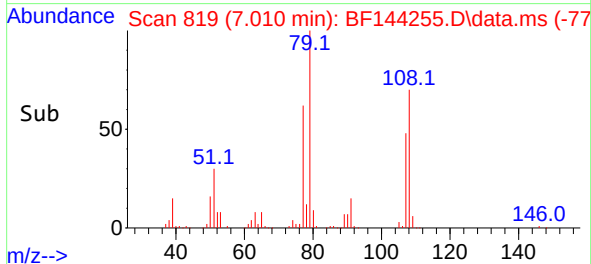
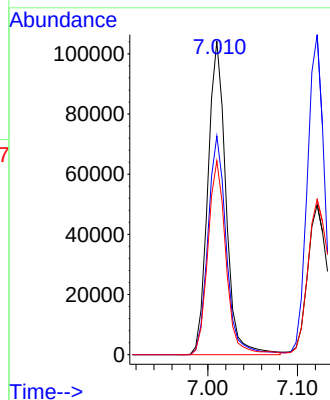
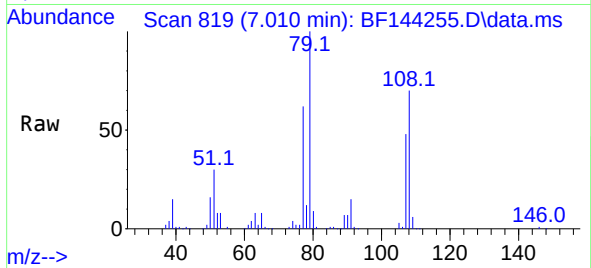
PB170538BS

Tgt Ion: 79 Resp: 145458
Ion Ratio Lower Upper
79 100
108 69.7 58.2 87.4
77 61.9 49.9 74.9

Manual Integrations

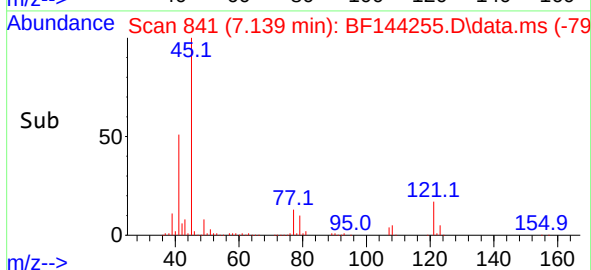
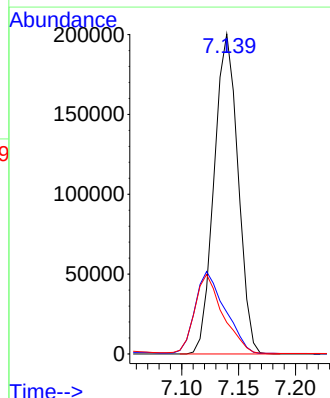
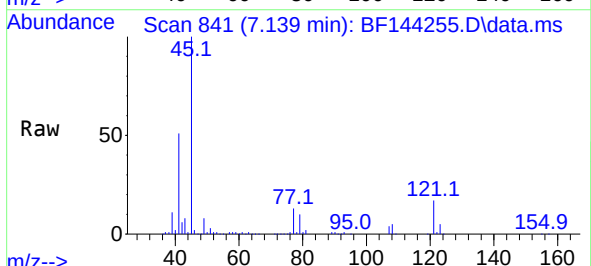
APPROVED

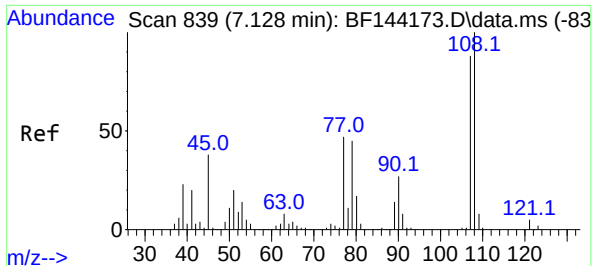
Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.971 ng
RT: 7.139 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Tgt Ion: 45 Resp: 293189
Ion Ratio Lower Upper
45 100
77 13.0 0.0 31.8
79 9.8 0.0 29.1





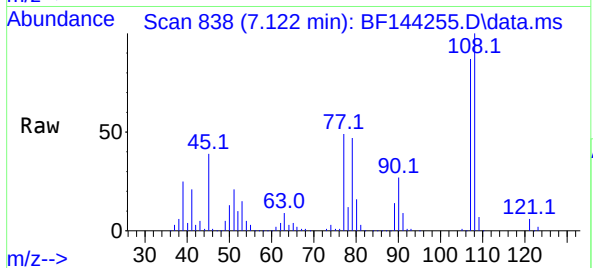
#17
2-Methylphenol
Concen: 46.060 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Instrument :

BNA_F

ClientSampleId :

PB170538BS

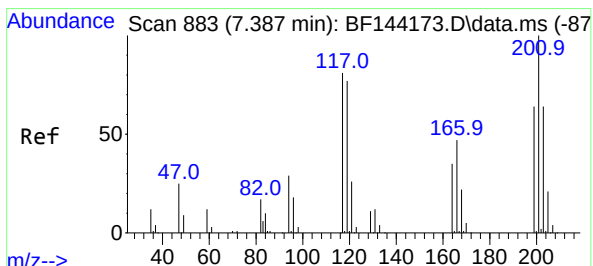
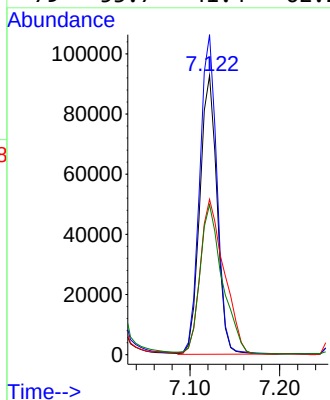
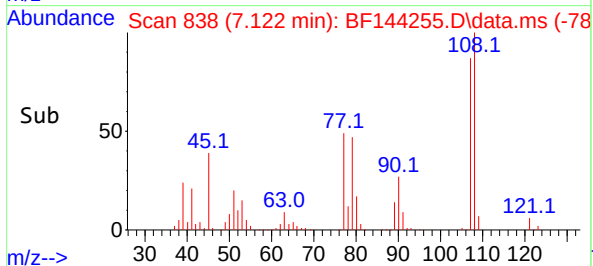


Tgt Ion:107 Resp: 123374
Ion Ratio Lower Upper
107 100
108 114.6 91.0 136.4
77 55.6 42.7 64.1
79 53.7 41.4 62.2

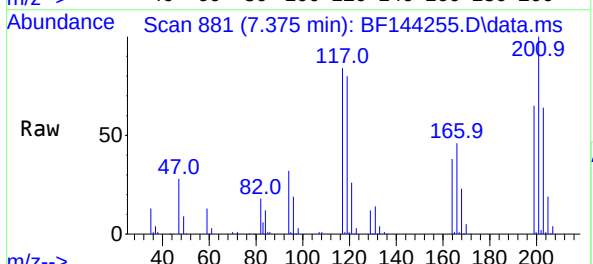
Manual Integrations

APPROVED

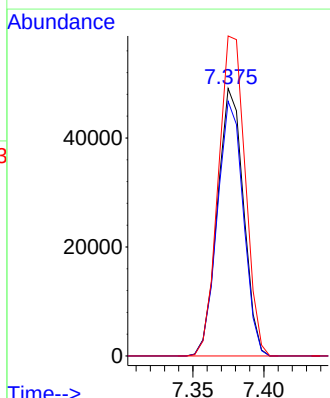
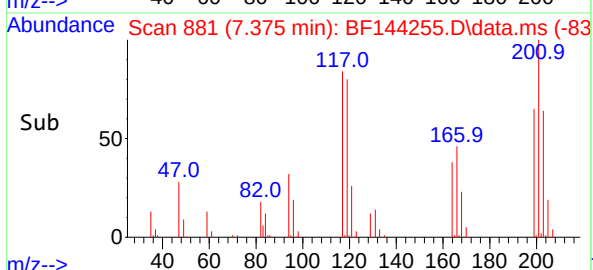
Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025

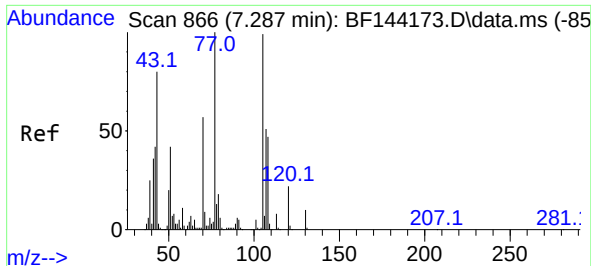


#18
Hexachloroethane
Concen: 45.235 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17



Tgt Ion:117 Resp: 62554
Ion Ratio Lower Upper
117 100
119 95.3 75.8 113.8
201 119.6 98.9 148.3





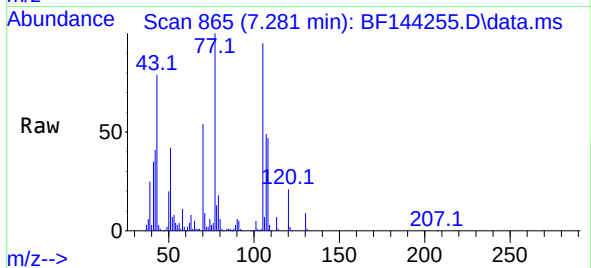
#19
n-Nitroso-di-n-propylamine
Concen: 46.126 ng
RT: 7.281 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Instrument :

BNA_F

ClientSampleId :

PB170538BS

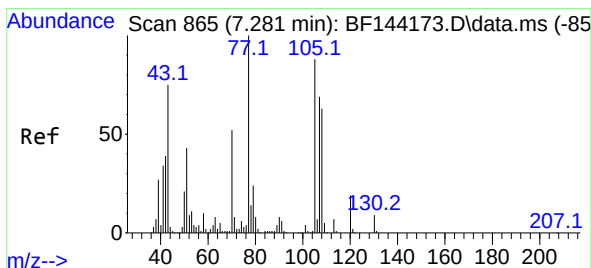
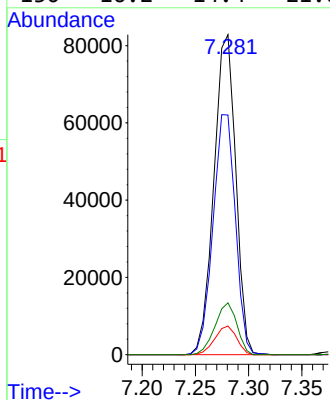
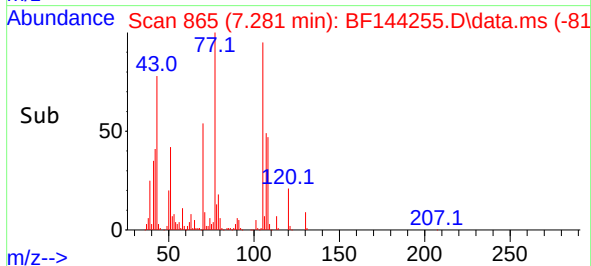


Tgt Ion: 70 Resp: 118124
Ion Ratio Lower Upper
70 100
42 74.9 58.3 87.5
101 9.0 7.0 10.6
130 16.2 14.4 21.6

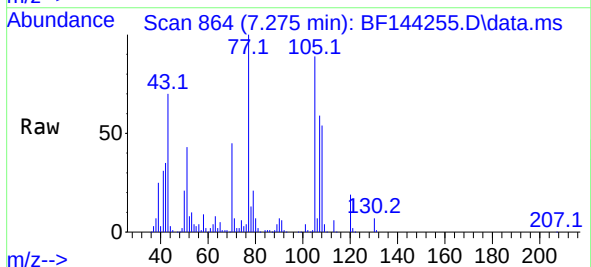
Manual Integrations

APPROVED

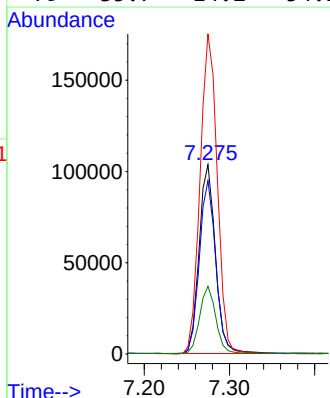
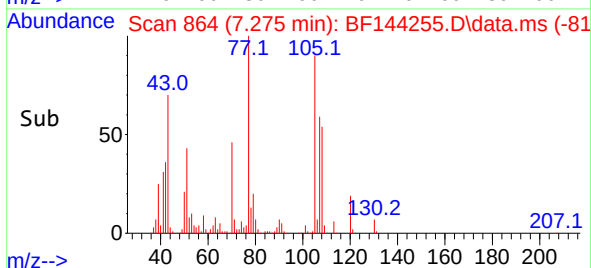
Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025

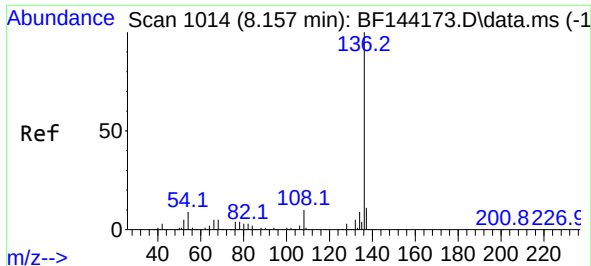


#20
3+4-Methylphenols
Concen: 43.844 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17



Tgt Ion:107 Resp: 138438
Ion Ratio Lower Upper
107 100
108 91.5 70.2 110.2
77 169.0 123.9 163.9#
79 35.7 14.2 54.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Instrument :

BNA_F

ClientSampleId :

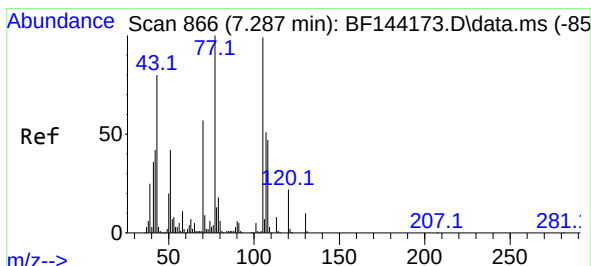
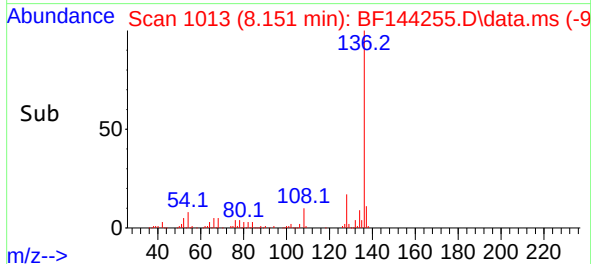
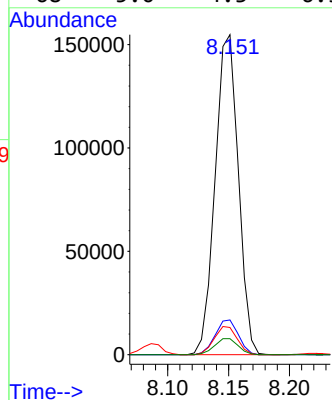
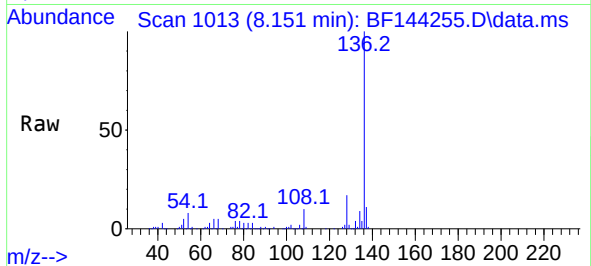
PB170538BS

Tgt Ion:136 Resp: 205178
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.5 7.0 10.6
68 5.0 4.3 6.5

Manual Integrations

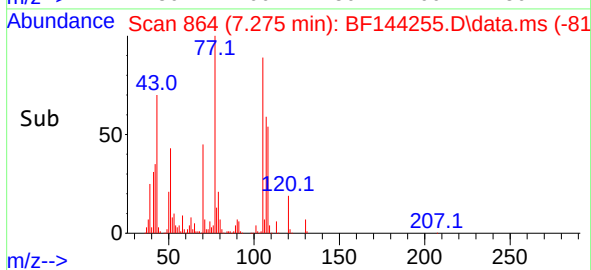
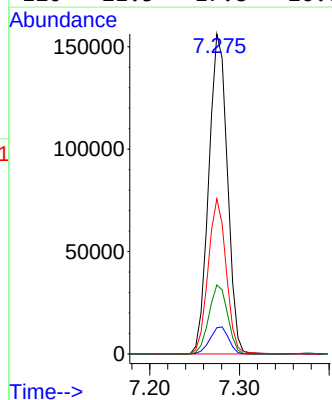
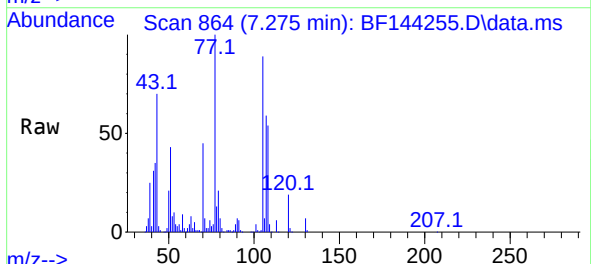
APPROVED

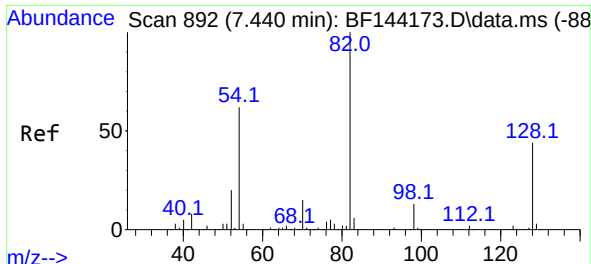
Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



#22
Acetophenone
Concen: 51.049 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Tgt Ion:105 Resp: 224695
Ion Ratio Lower Upper
105 100
71 8.2 7.2 10.8
51 48.5 34.0 51.0
120 21.5 17.8 26.6





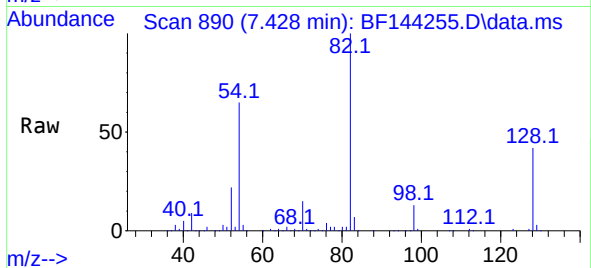
#23
Nitrobenzene-d5
Concen: 85.766 ng
RT: 7.428 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Instrument :

BNA_F

ClientSampleId :

PB170538BS

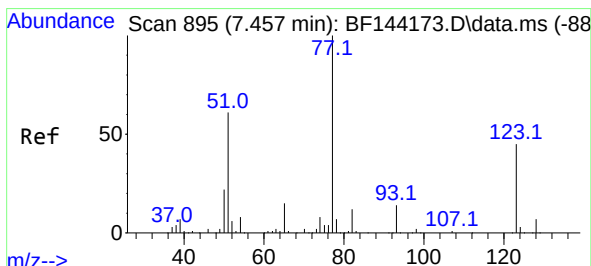
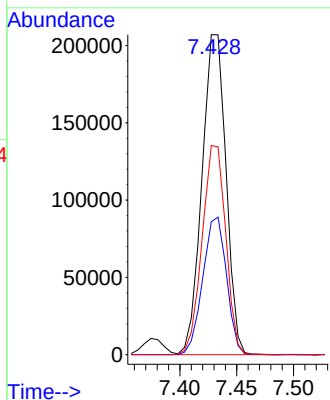
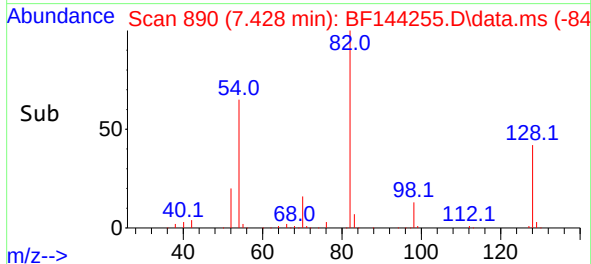


Tgt Ion: 82 Resp: 304690
Ion Ratio Lower Upper
82 100
128 41.6 34.7 52.1
54 65.3 49.5 74.3

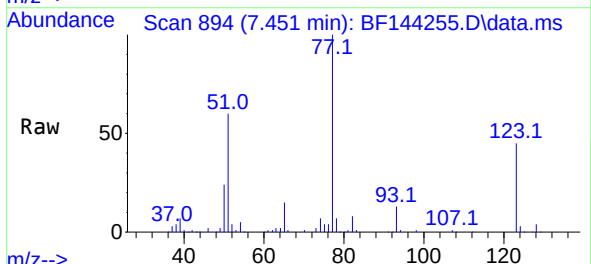
Manual Integrations

APPROVED

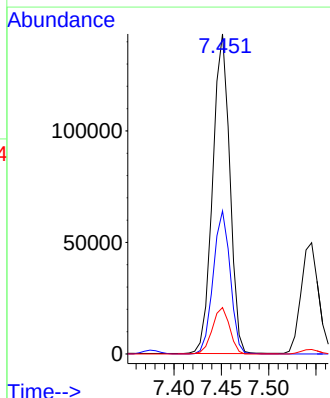
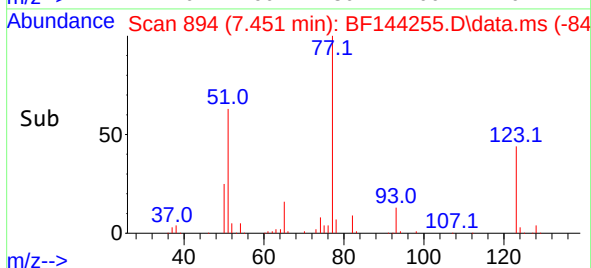
Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025

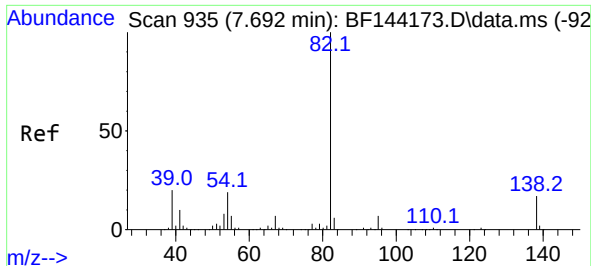


#24
Nitrobenzene
Concen: 46.692 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17



Tgt Ion: 77 Resp: 180104
Ion Ratio Lower Upper
77 100
123 44.7 35.8 53.8
65 14.5 12.2 18.2





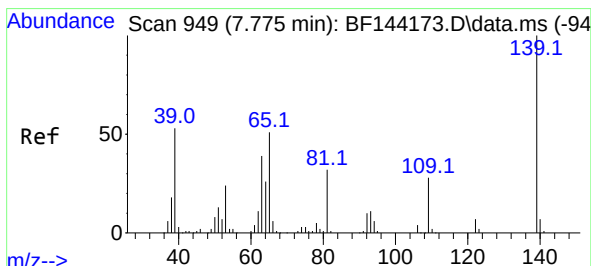
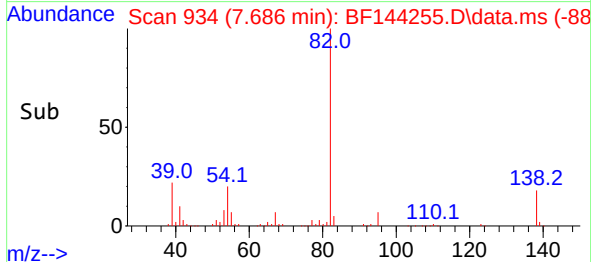
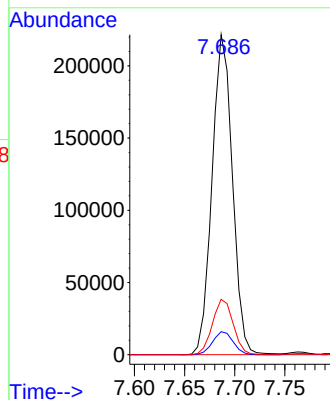
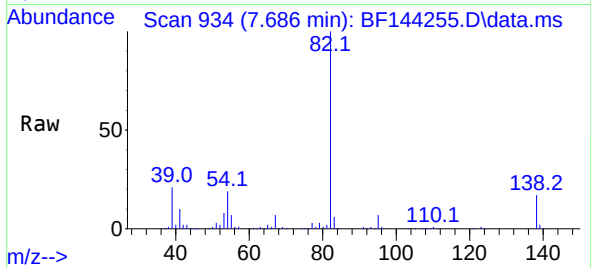
#25
Isophorone
Concen: 46.611 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Instrument :
BNA_F
ClientSampleId :
PB170538BS

Tgt Ion: 82 Resp: 31321
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 17.3 13.7 20.5

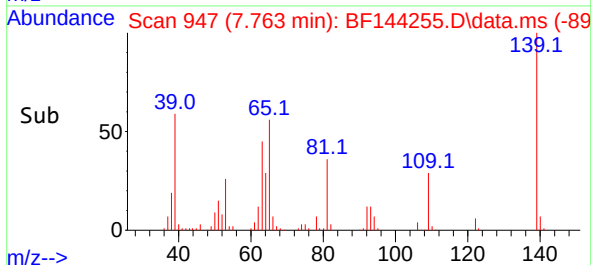
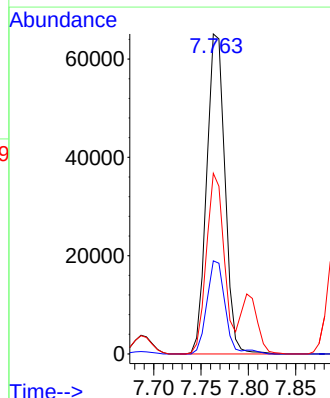
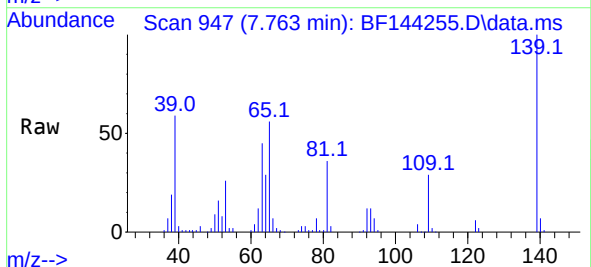
Manual Integrations
APPROVED

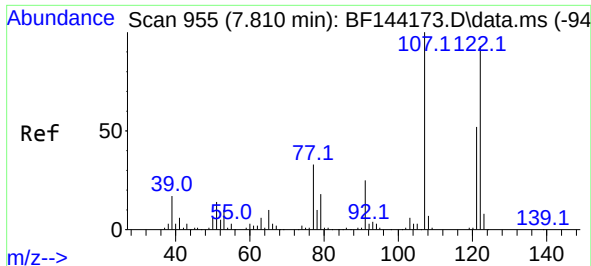
Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



#26
2-Nitrophenol
Concen: 45.850 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.012 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Tgt Ion:139 Resp: 87547
Ion Ratio Lower Upper
139 100
109 29.1 22.2 33.2
65 56.5 40.7 61.1





#27
2,4-Dimethylphenol
Concen: 50.772 ng
RT: 7.798 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Instrument :

BNA_F

ClientSampleId :

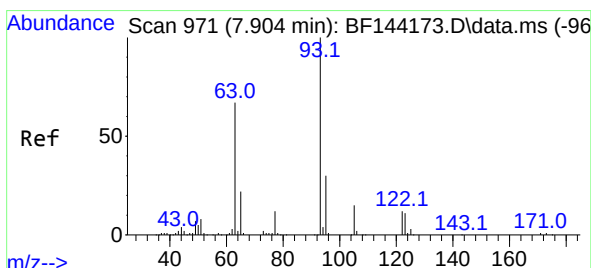
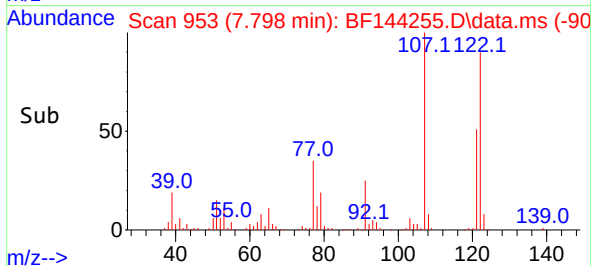
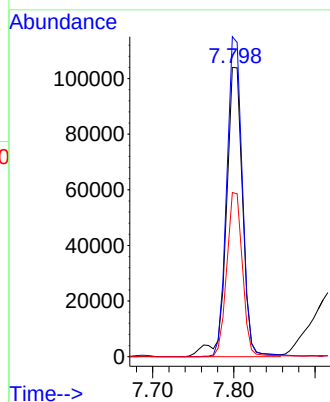
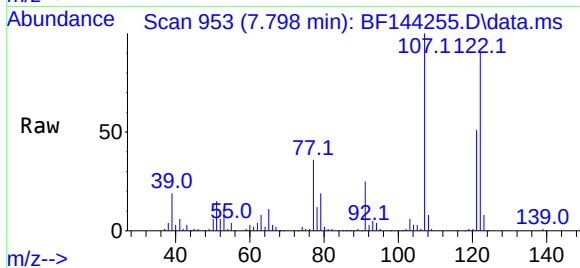
PB170538BS

Tgt Ion:122 Resp: 14530
Ion Ratio Lower Upper
122 100
107 110.6 86.2 129.4
121 56.8 44.6 66.8

Manual Integrations

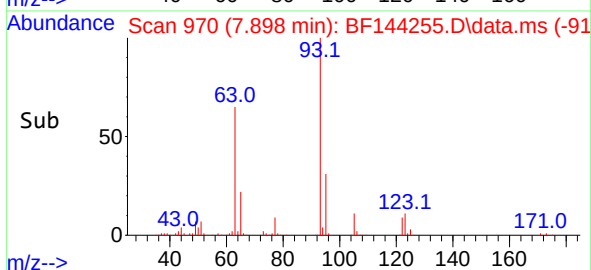
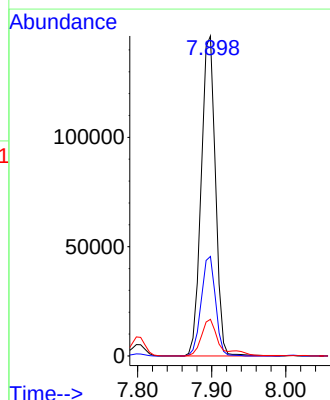
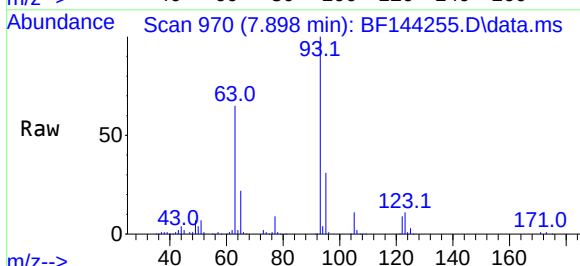
APPROVED

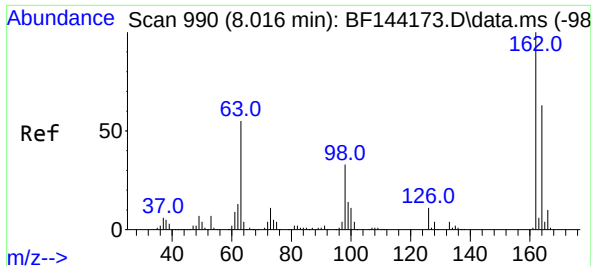
Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



#28
bis(2-Chloroethoxy)methane
Concen: 46.548 ng
RT: 7.898 min Scan# 970
Delta R.T. -0.000 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Tgt Ion: 93 Resp: 195325
Ion Ratio Lower Upper
93 100
95 31.1 24.2 36.4
123 11.5 9.0 13.4





#29
2,4-Dichlorophenol
Concen: 44.449 ng
RT: 8.010 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Instrument :

BNA_F

ClientSampleId :

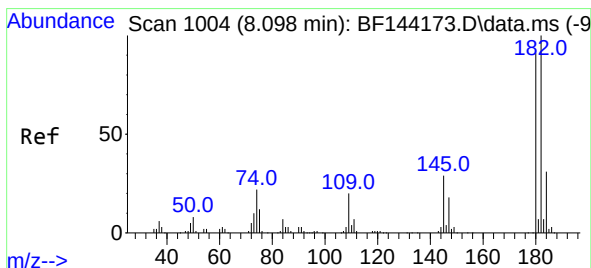
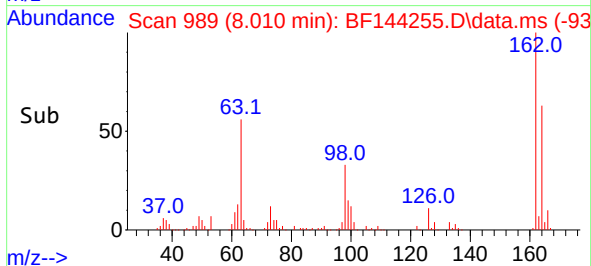
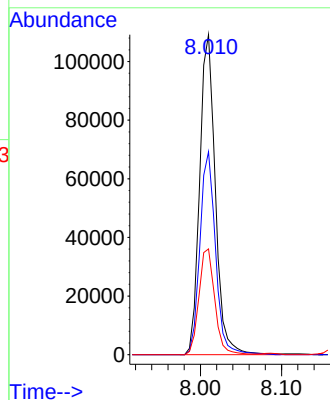
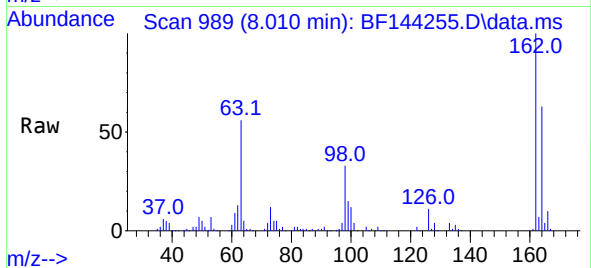
PB170538BS

Tgt Ion:162 Resp: 14661
Ion Ratio Lower Upper
162 100
164 63.4 42.9 82.9
98 33.1 13.3 53.3

Manual Integrations

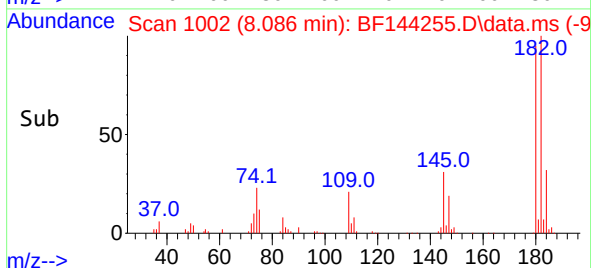
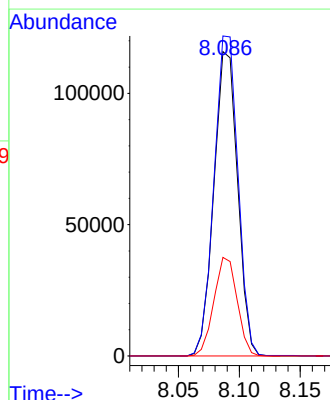
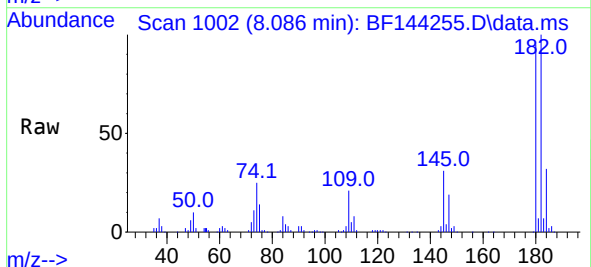
APPROVED

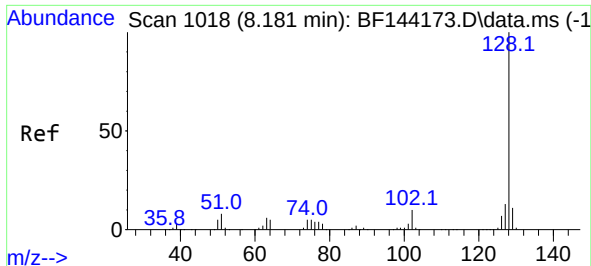
Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



#30
1,2,4-Trichlorobenzene
Concen: 46.353 ng
RT: 8.086 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Tgt Ion:180 Resp: 157003
Ion Ratio Lower Upper
180 100
182 105.2 87.7 131.5
145 32.4 25.4 38.0





#31
Naphthalene
Concen: 44.853 ng
RT: 8.169 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Instrument :

BNA_F

ClientSampleId :

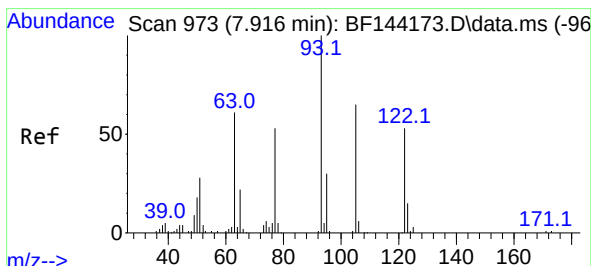
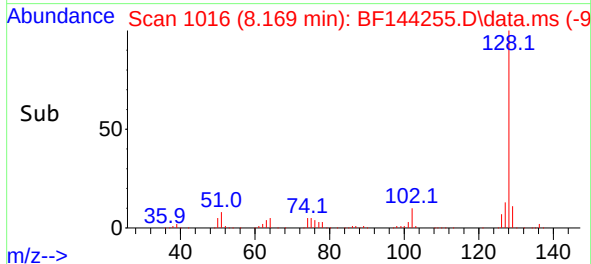
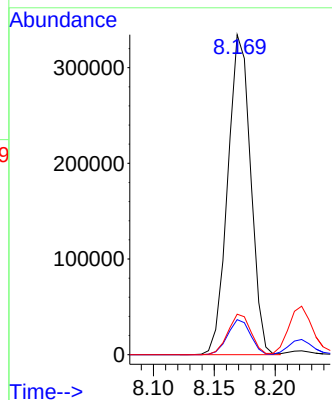
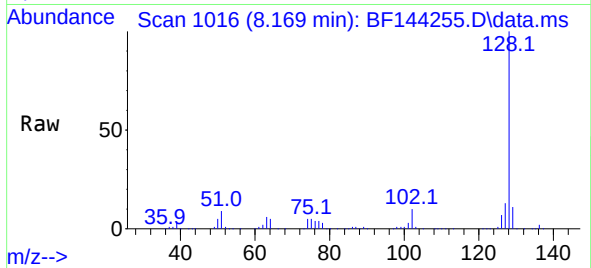
PB170538BS

Tgt Ion:128 Resp: 43777
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 12.6 10.3 15.5

Manual Integrations

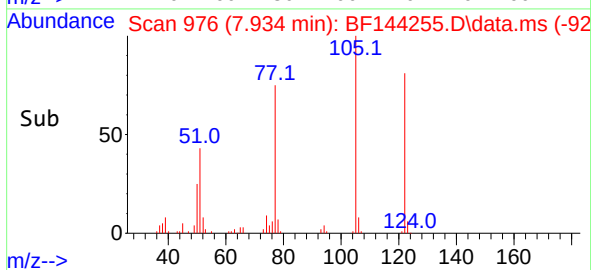
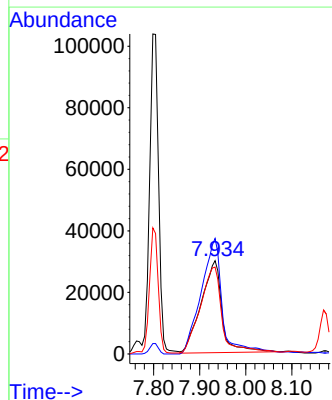
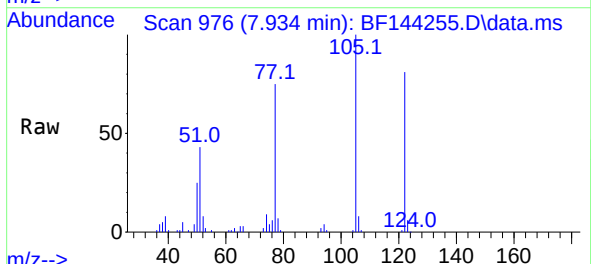
APPROVED

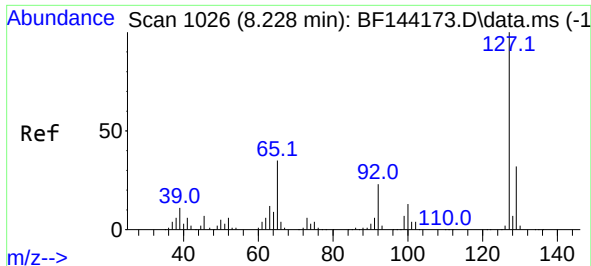
Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



#32
Benzoic acid
Concen: 45.232 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.018 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Tgt Ion:122 Resp: 94888
Ion Ratio Lower Upper
122 100
105 123.8 99.9 139.9
77 93.1 77.5 117.5





#33

4-Chloroaniline

Concen: 20.403 ng

RT: 8.222 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BF144255.D

Acq: 14 Nov 2025 11:17

Instrument :

BNA_F

ClientSampleId :

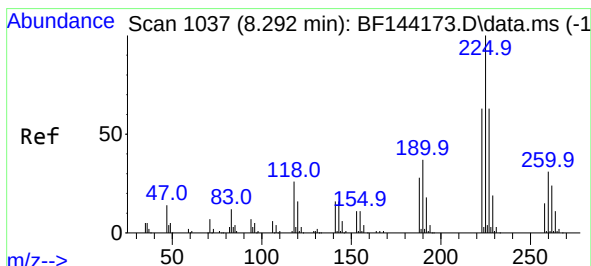
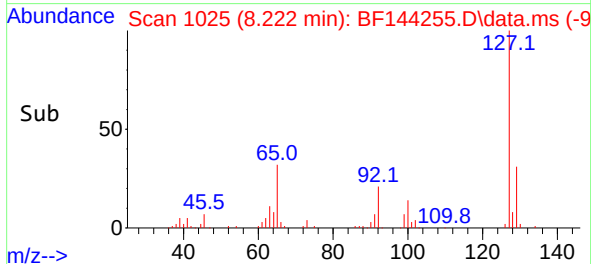
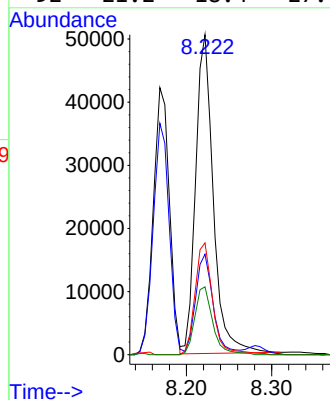
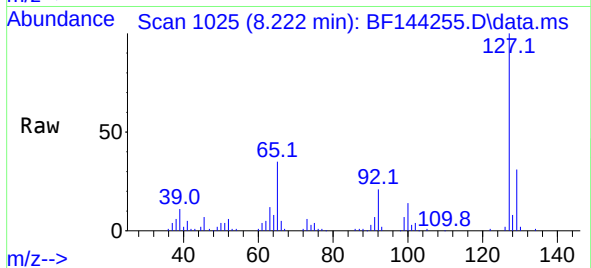
PB170538BS

Tgt Ion:127	Resp:	72628
Ion Ratio	Lower	Upper
127	100	
129	31.4	25.3 37.9
65	34.9	27.6 41.4
92	21.2	18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



#34

Hexachlorobutadiene

Concen: 43.836 ng

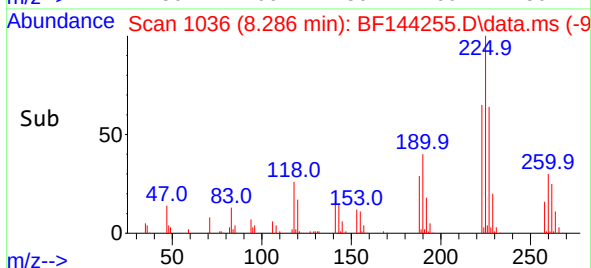
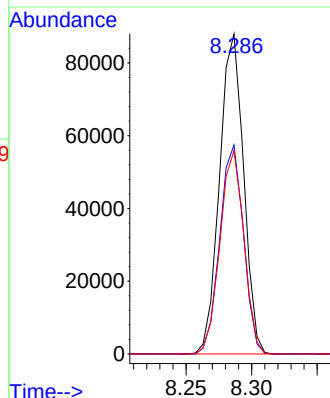
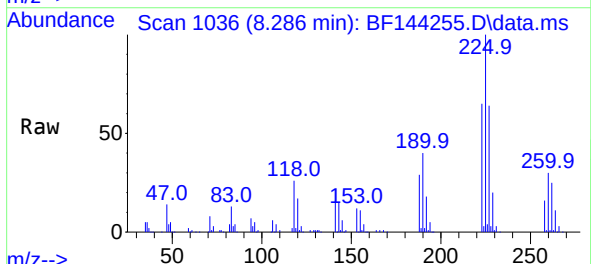
RT: 8.286 min Scan# 1036

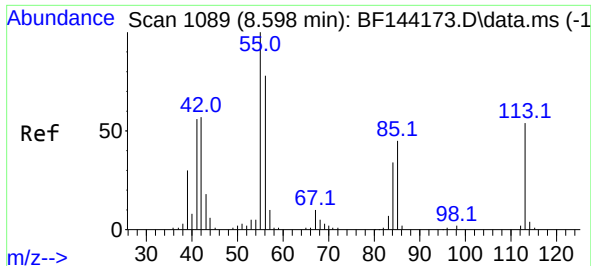
Delta R.T. -0.006 min

Lab File: BF144255.D

Acq: 14 Nov 2025 11:17

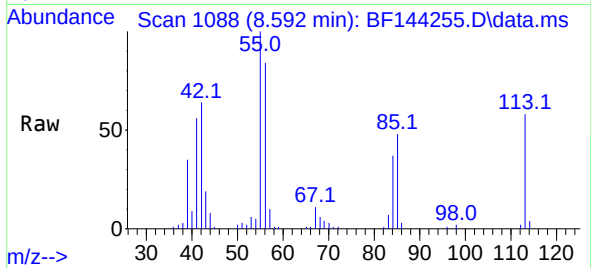
Tgt Ion:225	Resp:	111899
Ion Ratio	Lower	Upper
225	100	
223	65.3	50.2 75.4
227	63.6	50.1 75.1





#35
Caprolactam
Concen: 48.253 ng m
RT: 8.592 min Scan# 1089
Delta R.T. -0.029 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

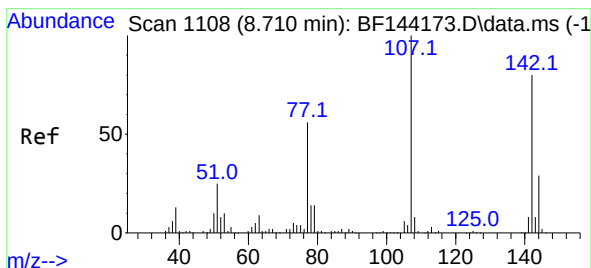
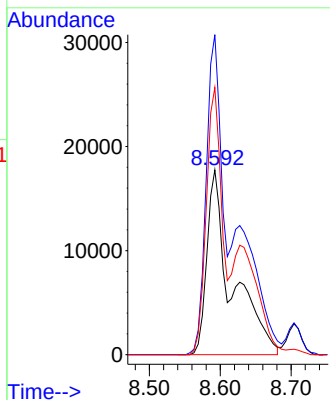
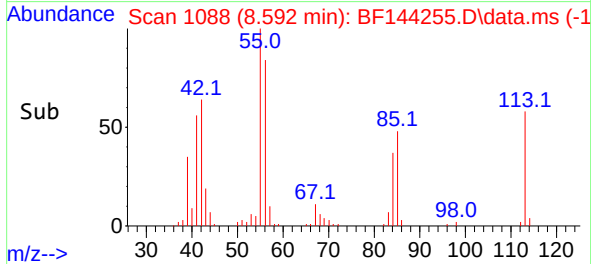
Instrument :
BNA_F
ClientSampleId :
PB170538BS



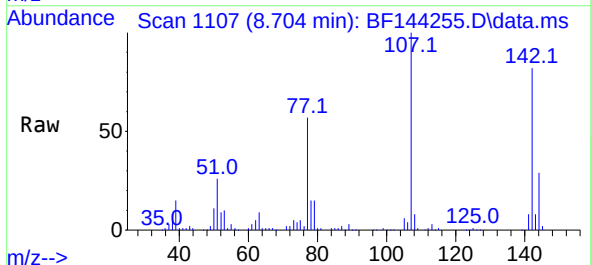
Tgt Ion:113 Resp: 43600
Ion Ratio Lower Upper
113 100
55 173.2 166.8 206.8
56 144.7 125.9 165.9

Manual Integrations
APPROVED

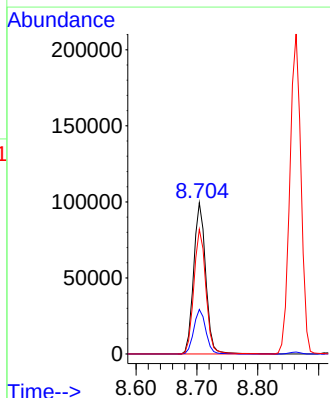
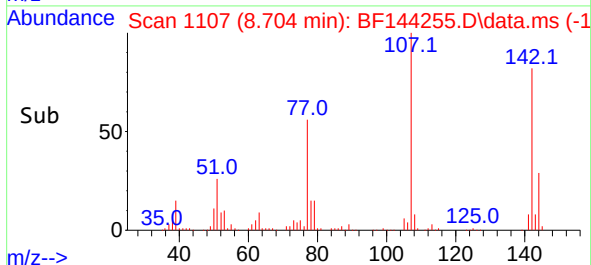
Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025

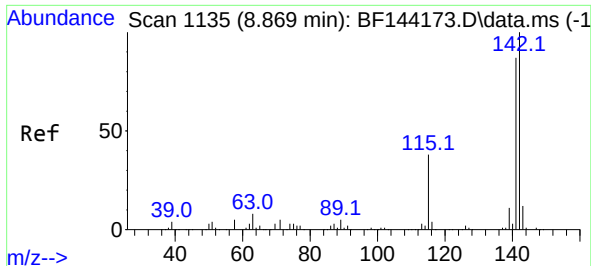


#36
4-Chloro-3-methylphenol
Concen: 46.344 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17



Tgt Ion:107 Resp: 137001
Ion Ratio Lower Upper
107 100
144 29.4 23.3 34.9
142 82.4 63.8 95.6





#37
2-Methylnaphthalene
Concen: 41.017 ng
RT: 8.863 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Instrument :

BNA_F

ClientSampleId :

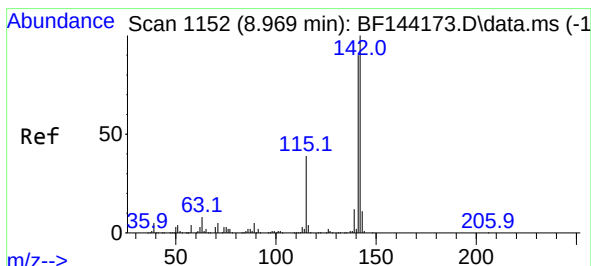
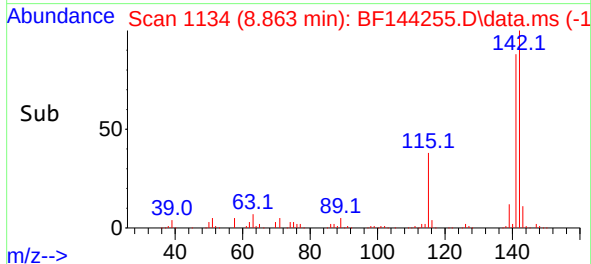
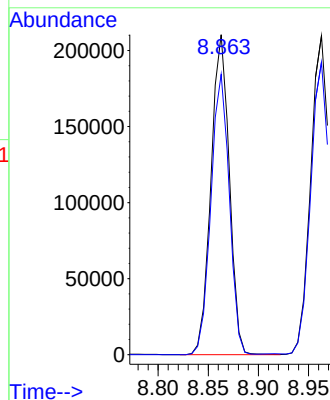
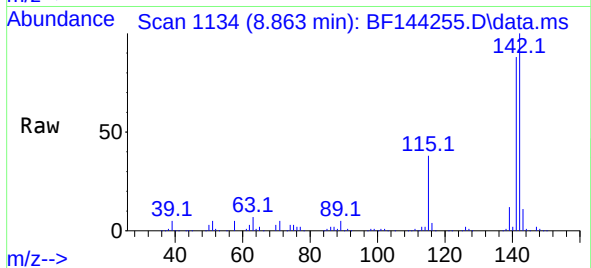
PB170538BS

Tgt Ion:142 Resp: 26765
Ion Ratio Lower Upper
142 100
141 87.6 69.9 104.9

Manual Integrations

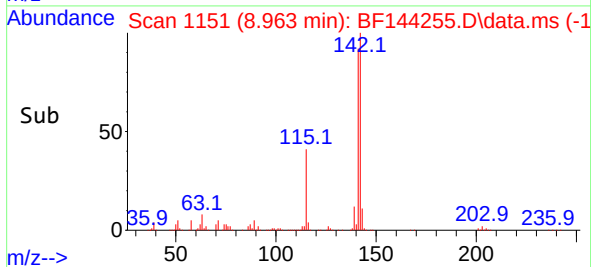
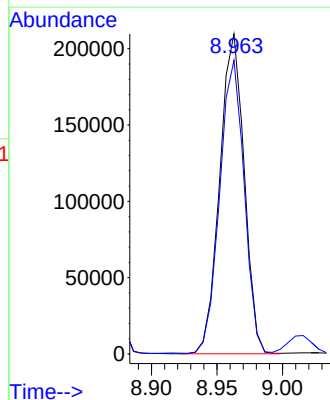
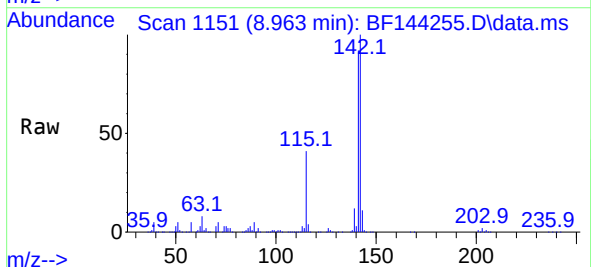
APPROVED

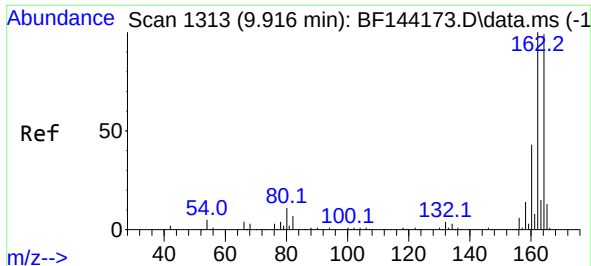
Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



#38
1-Methylnaphthalene
Concen: 43.045 ng
RT: 8.963 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Tgt Ion:142 Resp: 271029
Ion Ratio Lower Upper
142 100
141 91.8 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144255.D

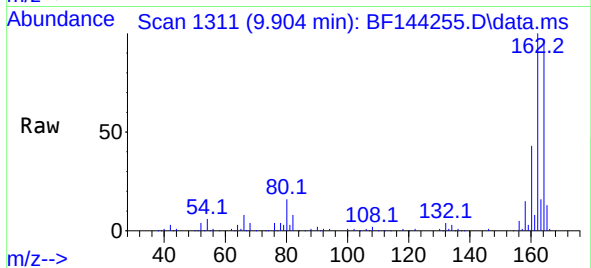
Acq: 14 Nov 2025 11:17

Instrument :

BNA_F

ClientSampleId :

PB170538BS



Tgt Ion:164 Resp: 115450

Ion Ratio Lower Upper

164 100

162 103.6 81.1 121.7

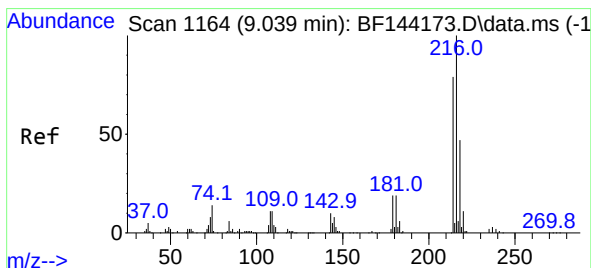
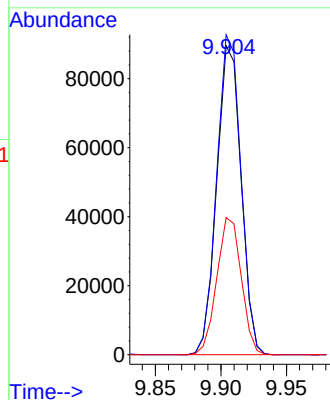
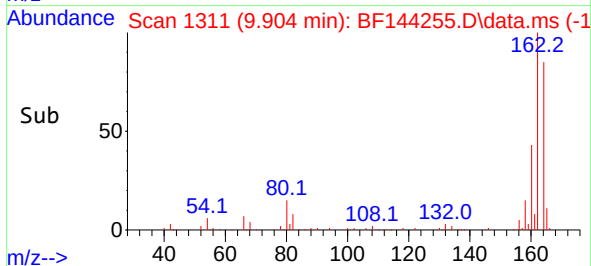
160 44.4 34.5 51.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/17/2025

Supervised By :Sohil Jodhani 11/17/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.474 ng

RT: 9.028 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF144255.D

Acq: 14 Nov 2025 11:17

Tgt Ion:216 Resp: 187203

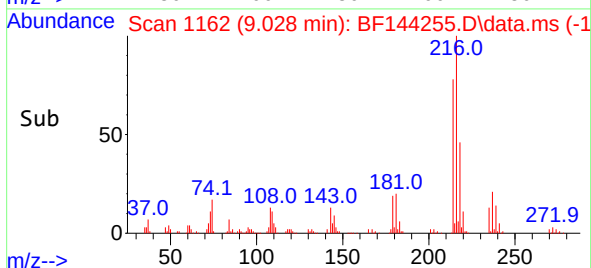
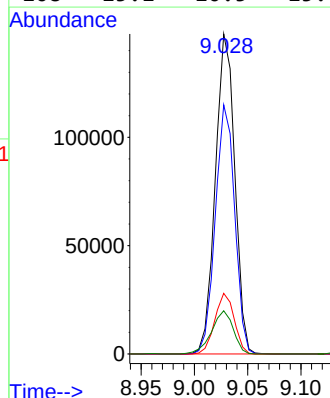
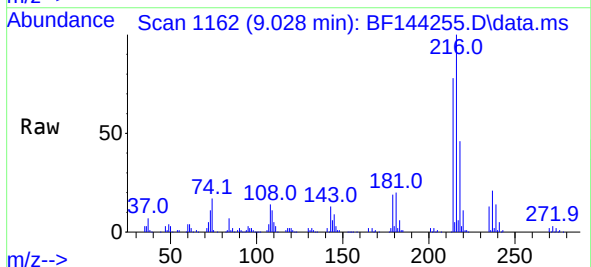
Ion Ratio Lower Upper

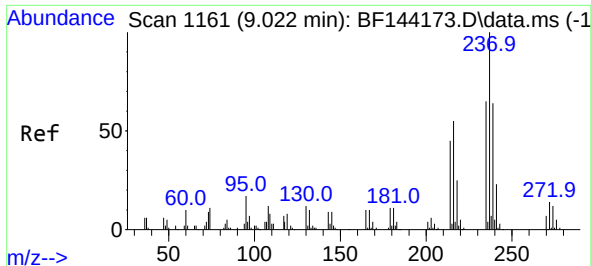
216 100

214 77.7 63.4 95.2

179 18.9 15.0 22.4

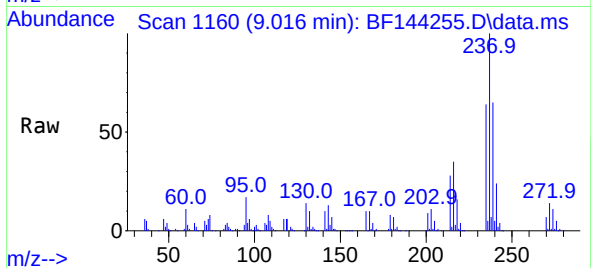
108 15.1 10.5 15.7





#41
Hexachlorocyclopentadiene
Concen: 97.472 ng
RT: 9.016 min Scan# 1160
Delta R.T. -0.012 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

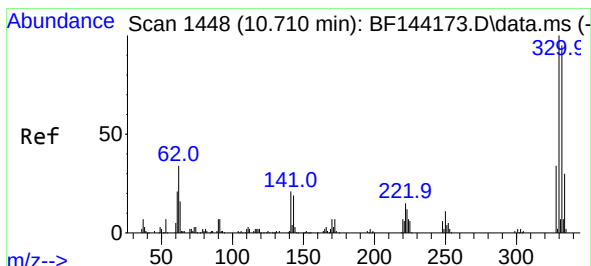
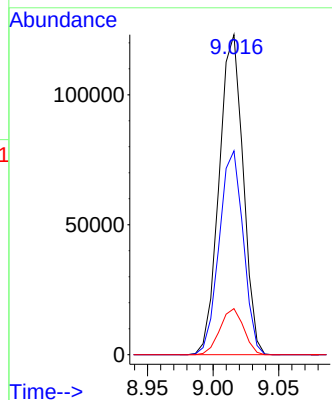
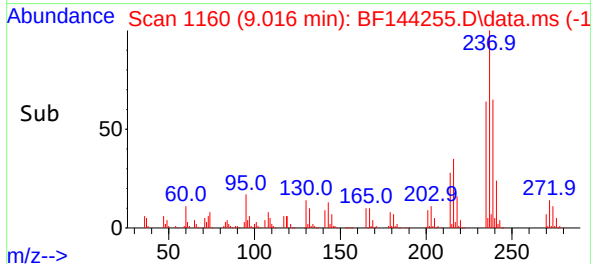
Instrument :
BNA_F
ClientSampleId :
PB170538BS



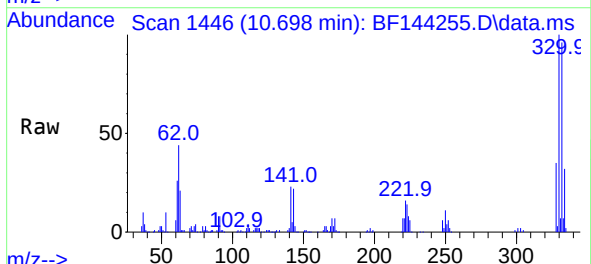
Tgt Ion:237 Resp: 156472
Ion Ratio Lower Upper
237 100
235 63.7 45.5 85.5
272 14.4 0.0 33.5

Manual Integrations
APPROVED

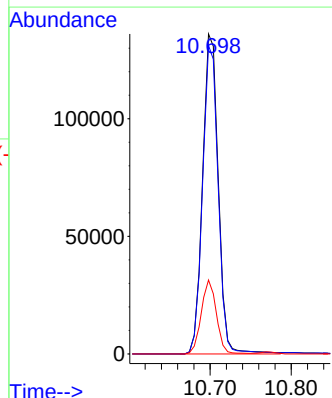
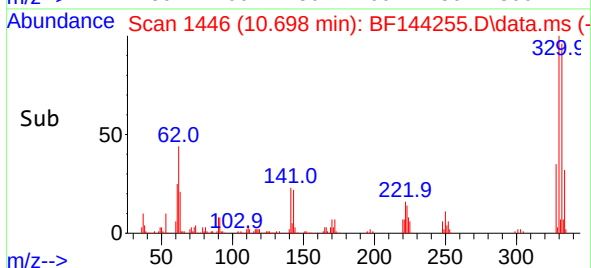
Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025

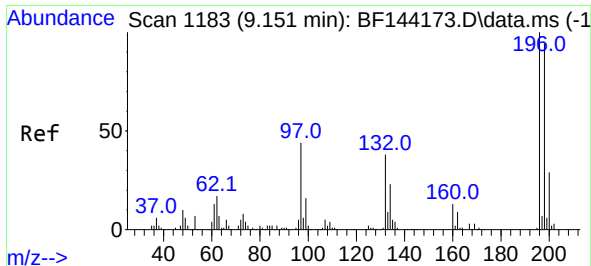


#42
2,4,6-Tribromophenol
Concen: 126.092 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17



Tgt Ion:330 Resp: 182687
Ion Ratio Lower Upper
330 100
332 95.9 76.7 115.1
141 22.3 17.8 26.8





#43
2,4,6-Trichlorophenol
Concen: 43.704 ng
RT: 9.139 min Scan# 1181
Delta R.T. -0.012 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Instrument :

BNA_F

ClientSampleId :

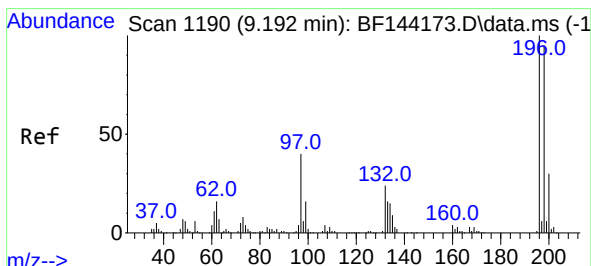
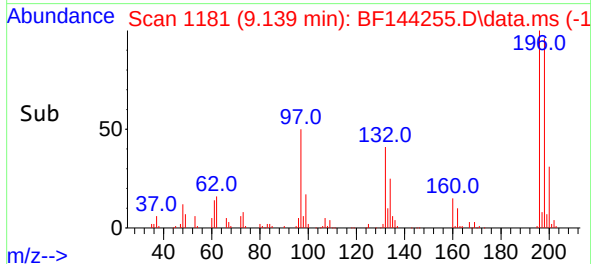
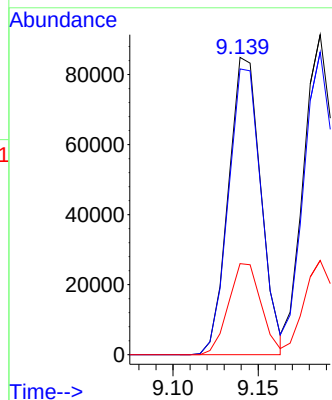
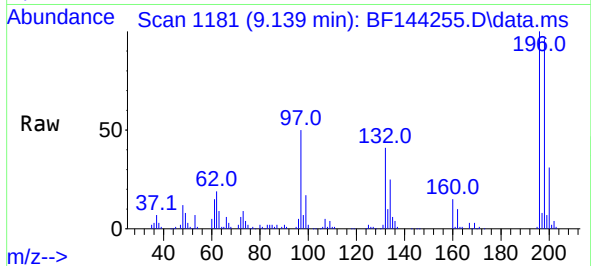
PB170538BS

Tgt Ion:196 Resp: 112554
Ion Ratio Lower Upper
196 100
198 96.1 75.3 112.9
200 30.6 23.4 35.2

Manual Integrations

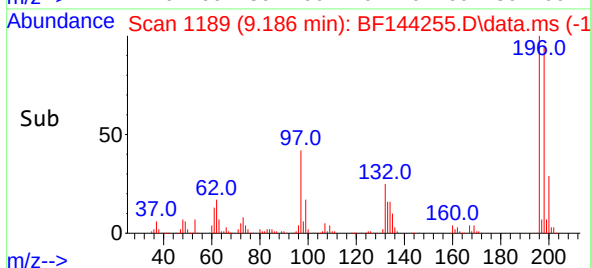
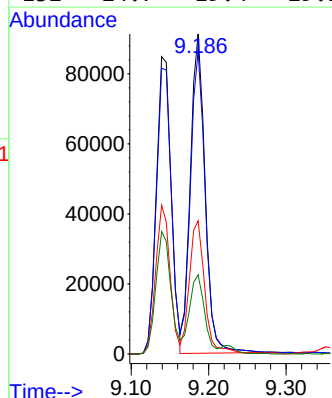
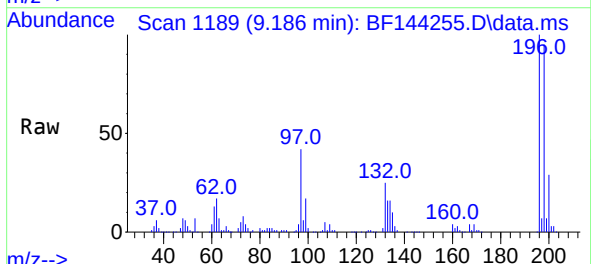
APPROVED

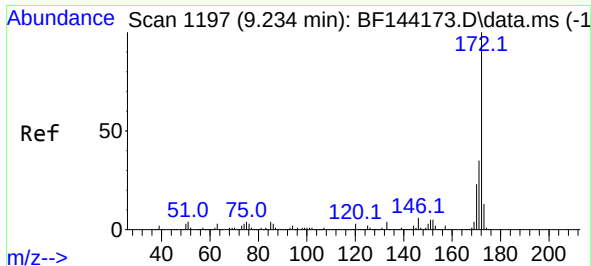
Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



#44
2,4,5-Trichlorophenol
Concen: 43.689 ng
RT: 9.186 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Tgt Ion:196 Resp: 121266
Ion Ratio Lower Upper
196 100
198 94.6 76.1 114.1
97 41.6 31.9 47.9
132 24.7 19.4 29.2





#45
2-Fluorobiphenyl
Concen: 83.148 ng
RT: 9.228 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Instrument :

BNA_F

ClientSampleId :

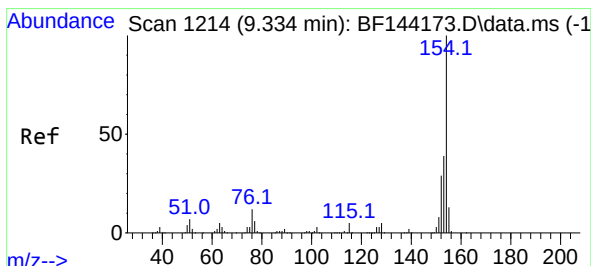
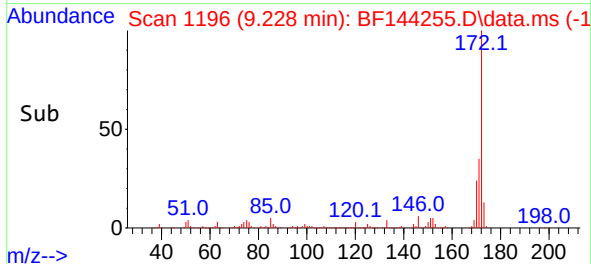
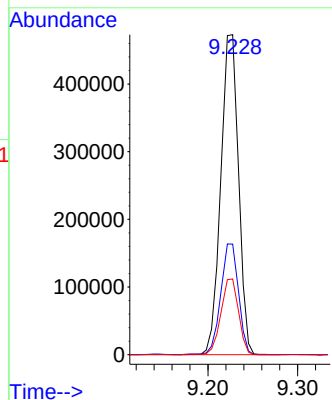
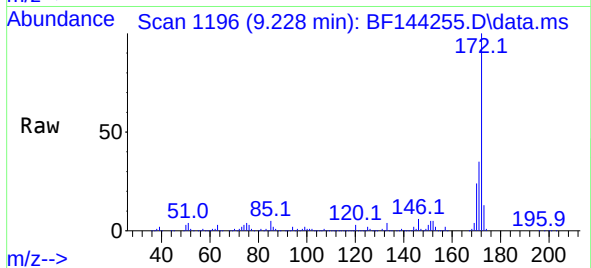
PB170538BS

Tgt Ion:172 Resp: 64999
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.6 18.6 28.0

Manual Integrations

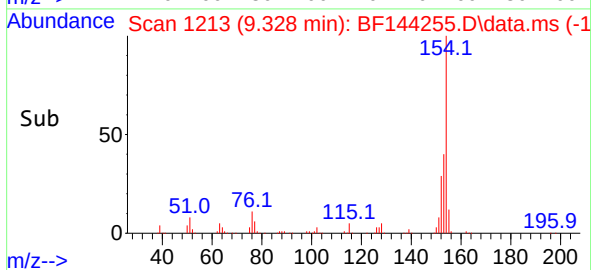
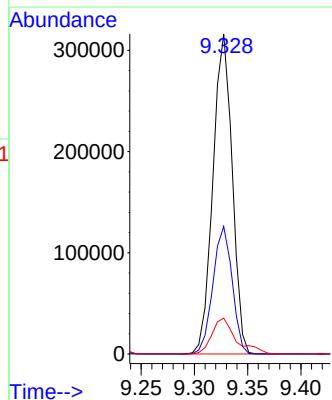
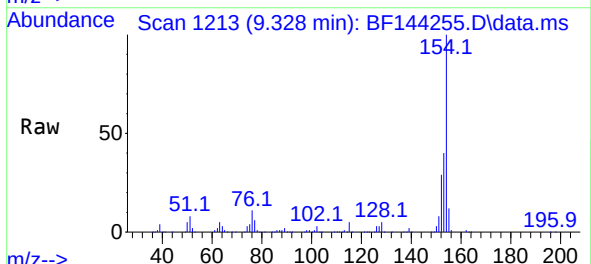
APPROVED

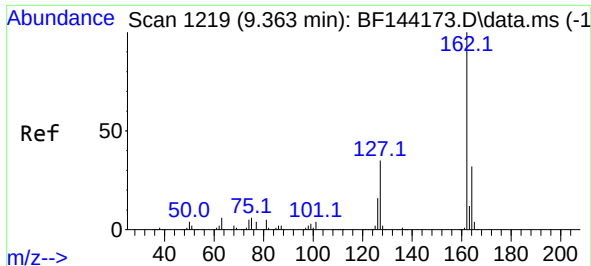
Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



#46
1,1'-Biphenyl
Concen: 49.244 ng
RT: 9.328 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Tgt Ion:154 Resp: 396865
Ion Ratio Lower Upper
154 100
153 39.9 19.2 59.2
76 11.2 0.0 31.8





#47
2-Chloronaphthalene
Concen: 44.684 ng
RT: 9.351 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Instrument :

BNA_F

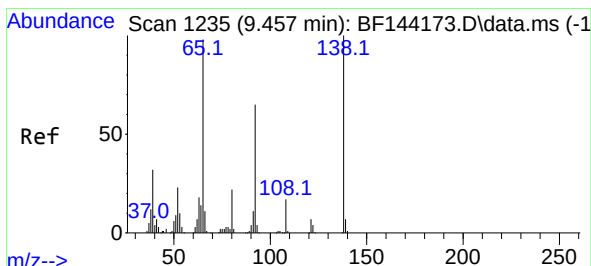
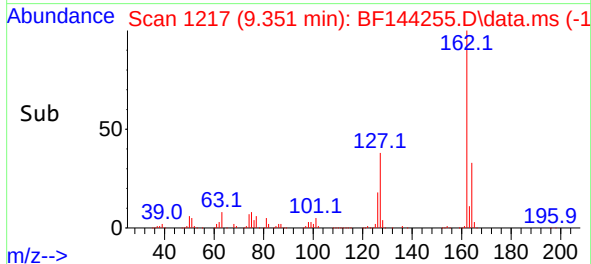
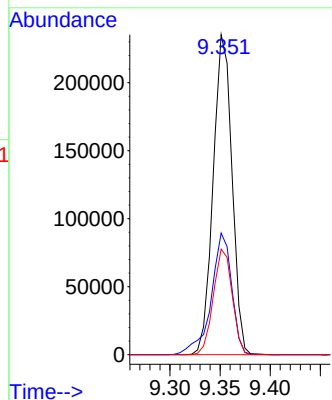
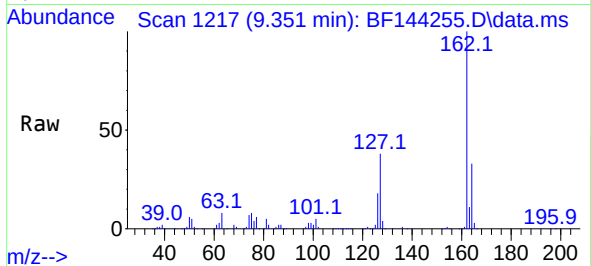
ClientSampleId :

PB170538BS

Tgt Ion:162 Resp: 307180
Ion Ratio Lower Upper
162 100
127 38.0 28.8 43.2
164 33.0 25.8 38.8

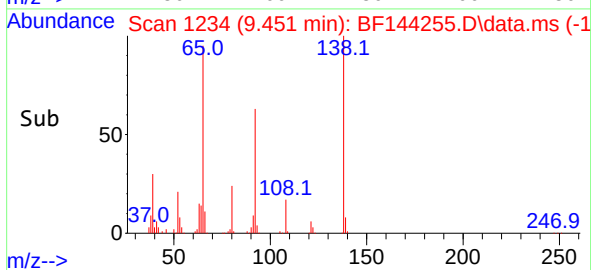
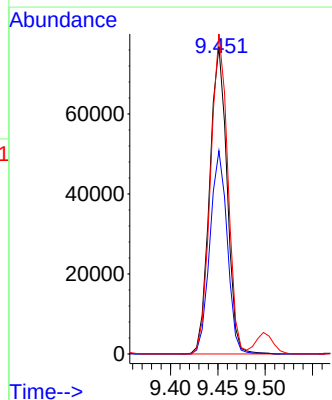
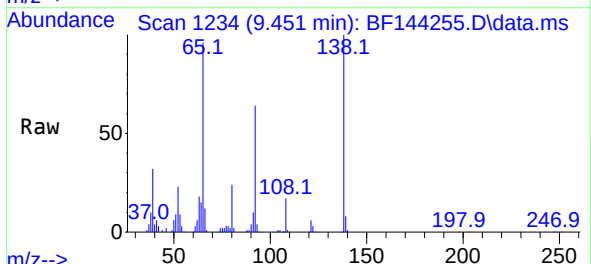
Manual Integrations
APPROVED

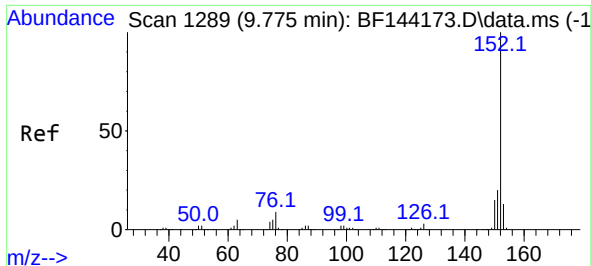
Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



#48
2-Nitroaniline
Concen: 49.245 ng
RT: 9.451 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Tgt Ion: 65 Resp: 97679
Ion Ratio Lower Upper
65 100
92 66.1 53.0 79.6
138 104.1 81.6 122.4





#49

Acenaphthylene

Concen: 49.981 ng

RT: 9.769 min Scan# 1288

Delta R.T. -0.006 min

Lab File: BF144255.D

Acq: 14 Nov 2025 11:17

Instrument :

BNA_F

ClientSampleId :

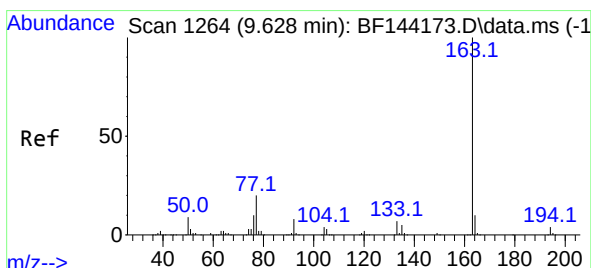
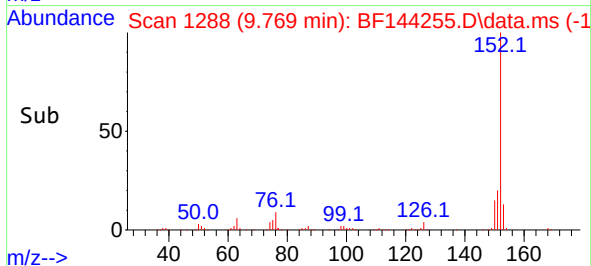
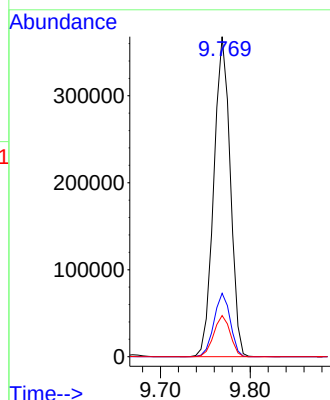
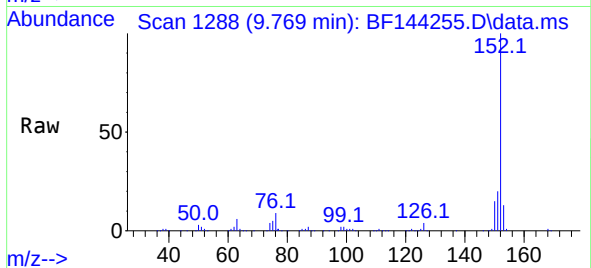
PB170538BS

Tgt Ion:	152	Resp:	468228
Ion Ratio	Lower	Upper	
152	100		
151	19.8	15.9	23.9
153	12.8	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



#50

Dimethylphthalate

Concen: 47.277 ng

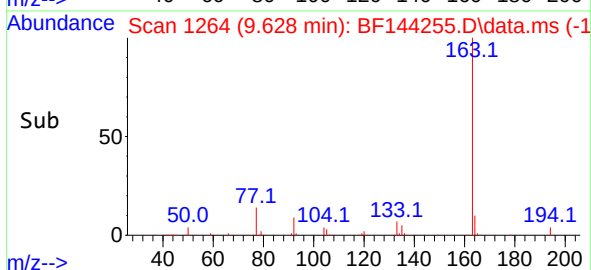
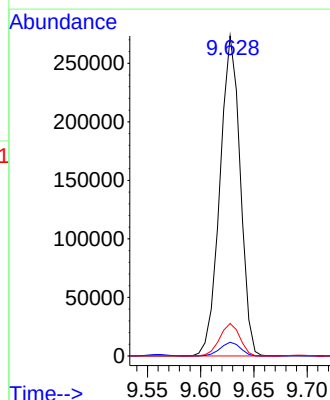
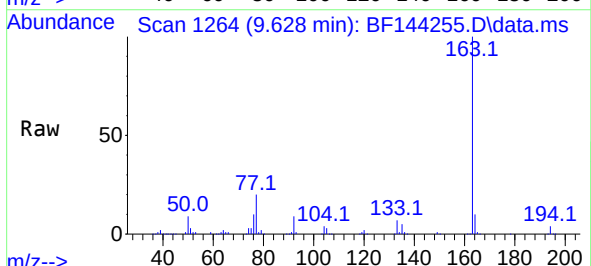
RT: 9.628 min Scan# 1264

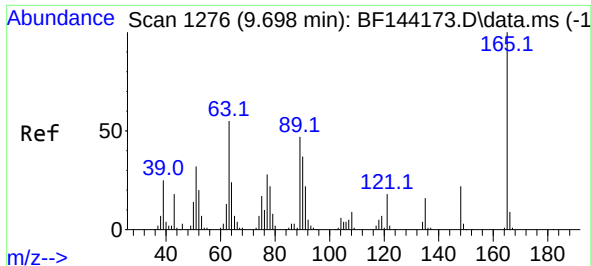
Delta R.T. -0.000 min

Lab File: BF144255.D

Acq: 14 Nov 2025 11:17

Tgt Ion:	163	Resp:	361606
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.3	4.9
164	10.2	8.1	12.1





#51
2,6-Dinitrotoluene
Concen: 48.937 ng
RT: 9.692 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Instrument :

BNA_F

ClientSampleId :

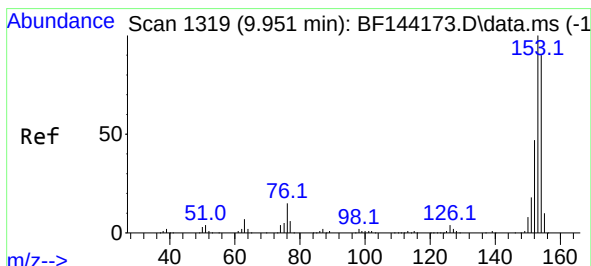
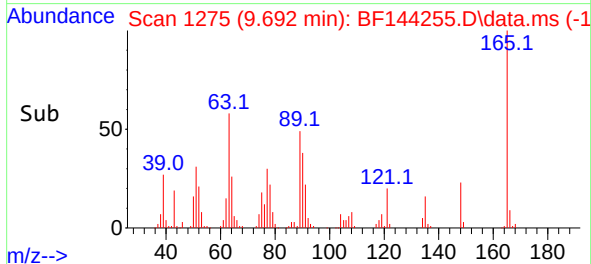
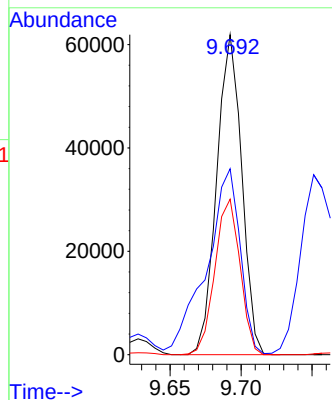
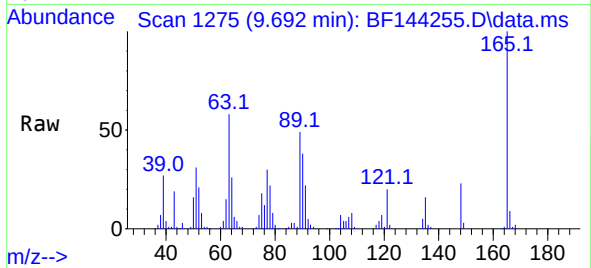
PB170538BS

Tgt Ion:165 Resp: 7577
Ion Ratio Lower Upper
165 100
63 58.1 43.8 65.8
89 48.6 37.5 56.3

Manual Integrations

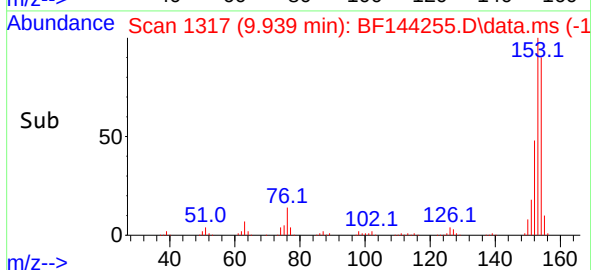
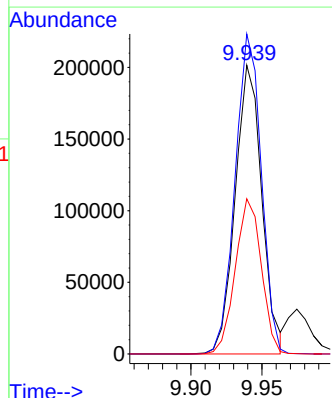
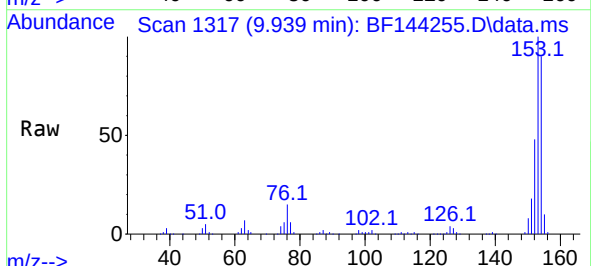
APPROVED

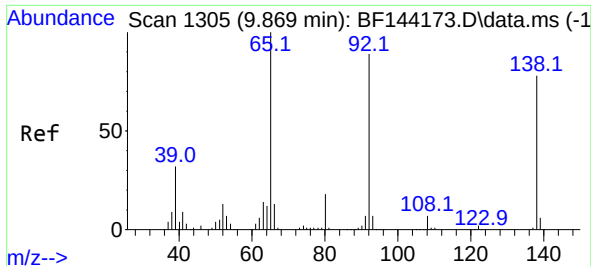
Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



#52
Acenaphthene
Concen: 42.070 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Tgt Ion:154 Resp: 263551
Ion Ratio Lower Upper
154 100
153 110.8 89.0 133.4
152 53.7 42.2 63.4





#53
3-Nitroaniline
Concen: 29.835 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Instrument :

BNA_F

ClientSampleId :

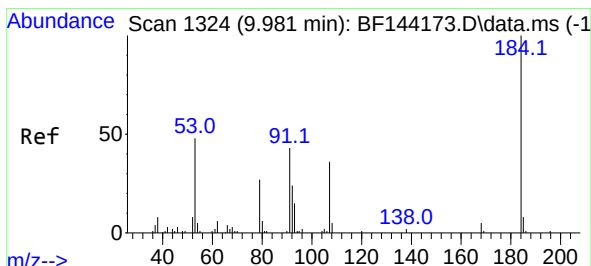
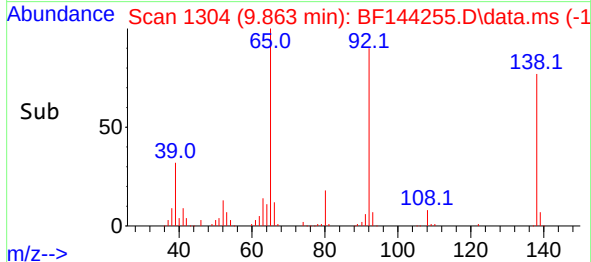
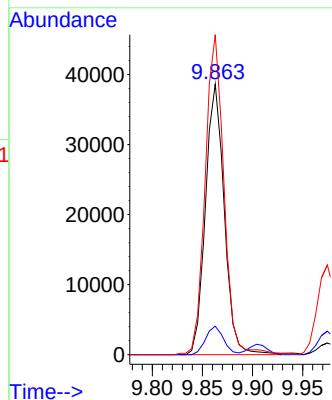
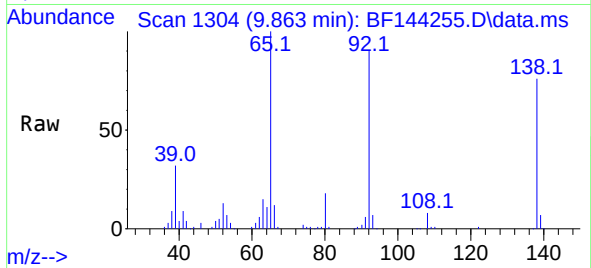
PB170538BS

Tgt Ion:138 Resp: 50498
Ion Ratio Lower Upper
138 100
108 10.5 7.5 11.3
92 118.2 91.8 137.6

Manual Integrations

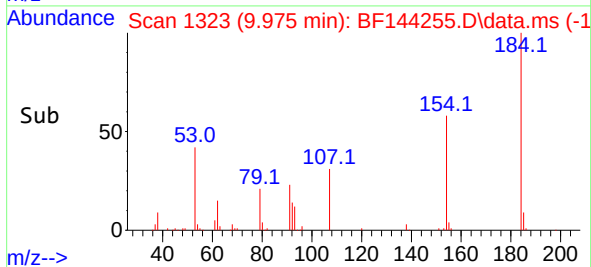
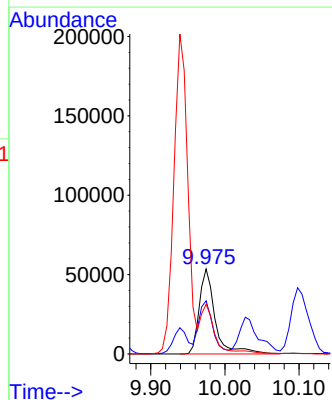
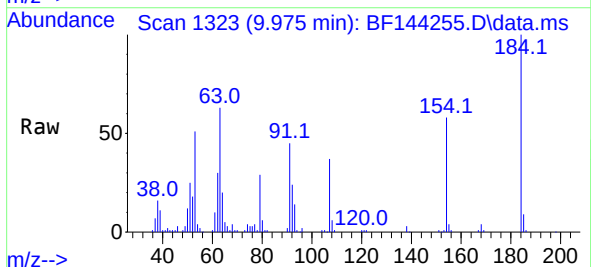
APPROVED

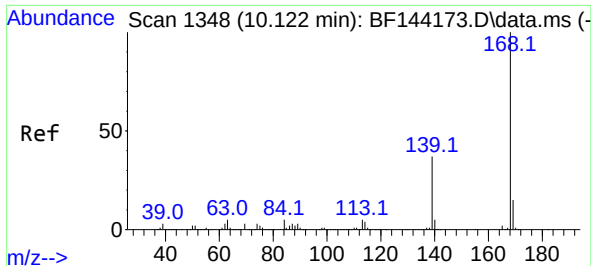
Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



#54
2,4-Dinitrophenol
Concen: 85.750 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Tgt Ion:184 Resp: 80174
Ion Ratio Lower Upper
184 100
63 62.6 44.0 66.0
154 58.3 42.4 63.6





#55
Dibenzenofuran
Concen: 44.585 ng
RT: 10.116 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Instrument :

BNA_F

ClientSampleId :

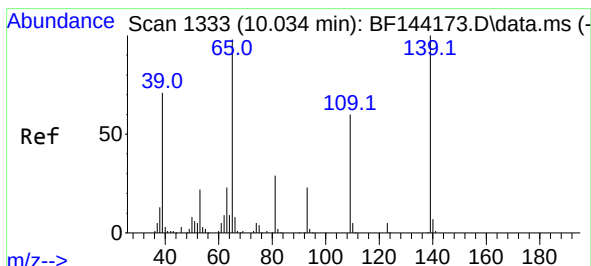
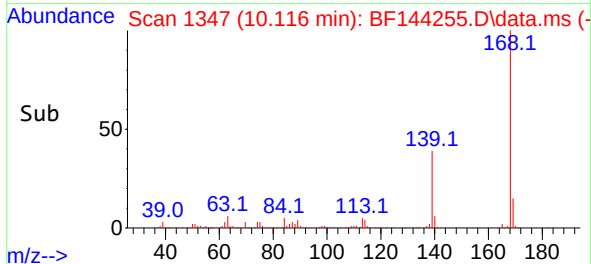
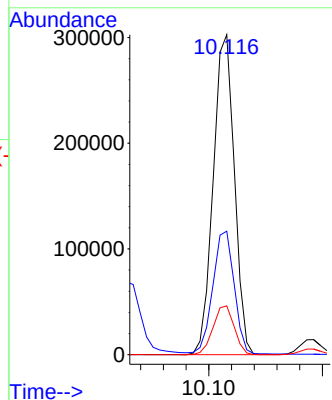
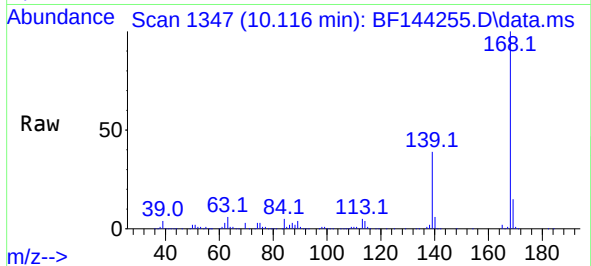
PB170538BS

Tgt Ion:168 Resp: 391180
Ion Ratio Lower Upper
168 100
139 38.6 30.2 45.2
169 15.3 12.2 18.4

Manual Integrations

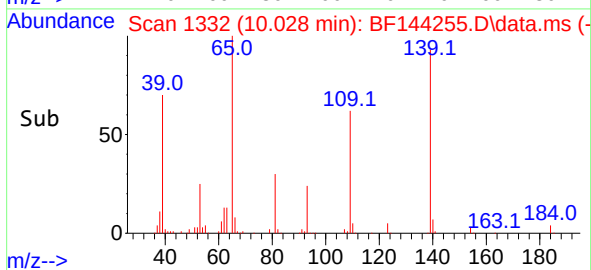
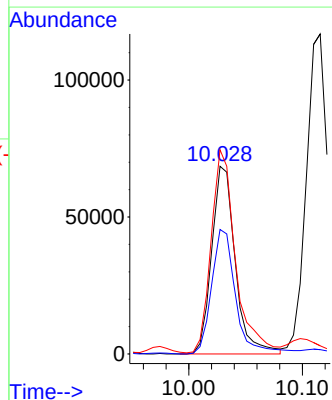
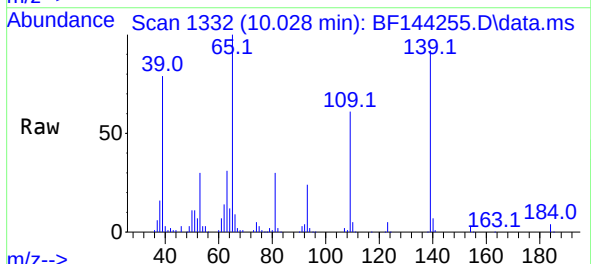
APPROVED

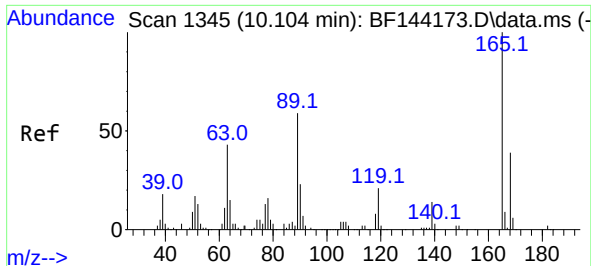
Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



#56
4-Nitrophenol
Concen: 80.697 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Tgt Ion:139 Resp: 98802
Ion Ratio Lower Upper
139 100
109 66.4 39.9 79.9
65 108.8 79.5 119.5





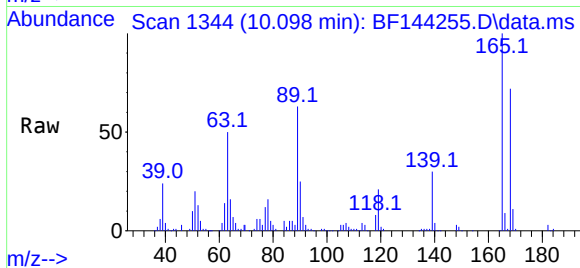
#57
2,4-Dinitrotoluene
Concen: 50.054 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Instrument :

BNA_F

ClientSampleId :

PB170538BS

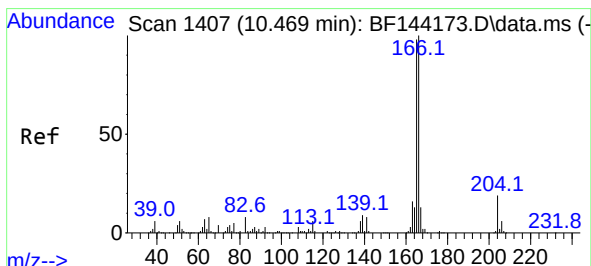
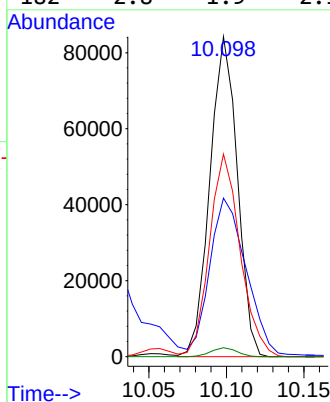
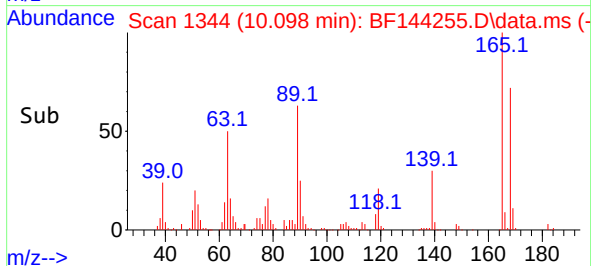


Tgt Ion:165 Resp: 10375
Ion Ratio Lower Upper
165 100
63 49.5 35.5 53.3
89 63.3 47.4 71.2
182 2.8 1.9 2.9

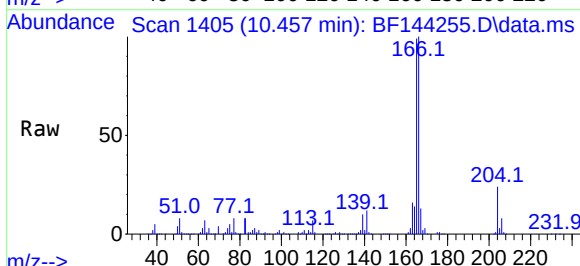
Manual Integrations

APPROVED

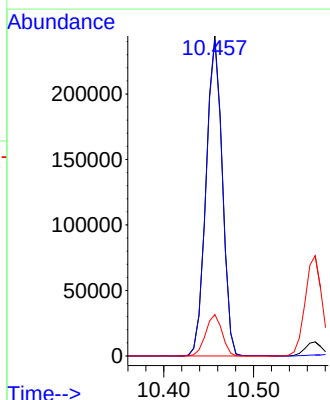
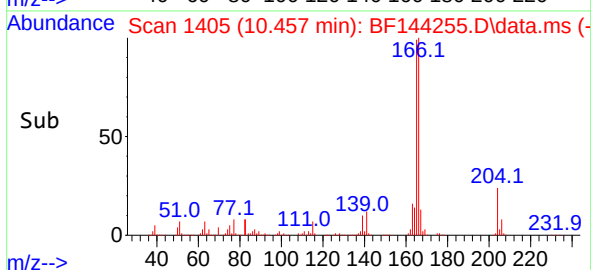
Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025

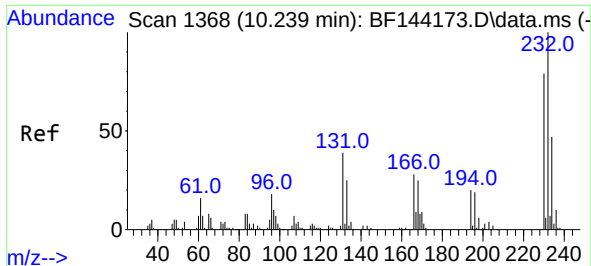


#58
Fluorene
Concen: 45.859 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17



Tgt Ion:166 Resp: 305920
Ion Ratio Lower Upper
166 100
165 98.8 78.6 118.0
167 12.9 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.800 ng
RT: 10.233 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Instrument :

BNA_F

ClientSampleId :

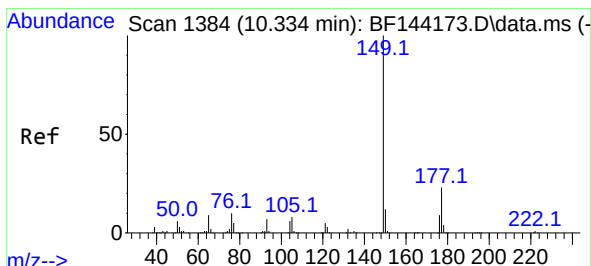
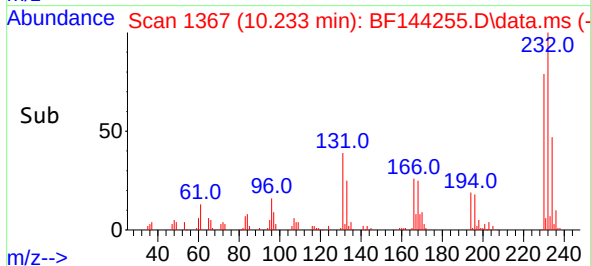
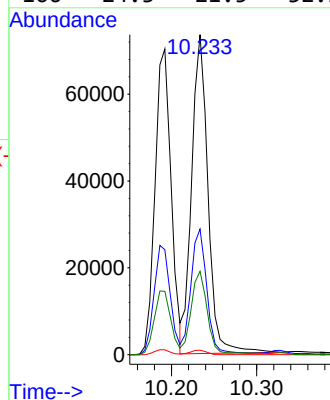
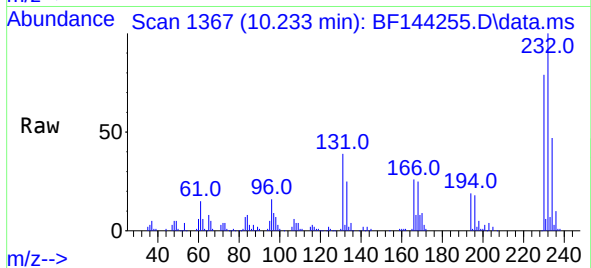
PB170538BS

Tgt Ion:232 Resp: 9779
Ion Ratio Lower Upper
232 100
131 38.6 30.3 45.5
130 1.4 1.2 1.8
166 24.3 21.5 32.3

Manual Integrations

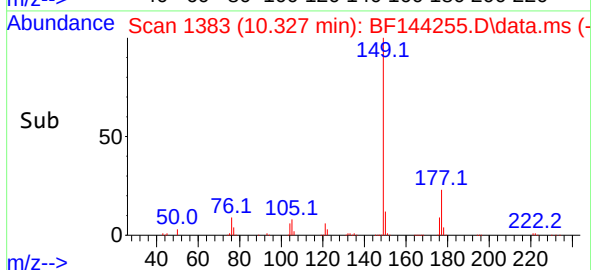
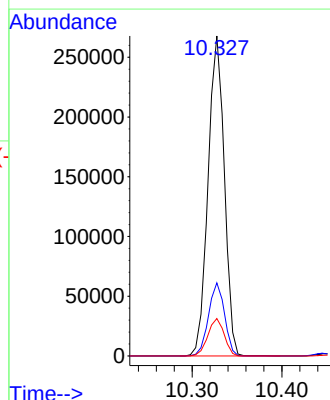
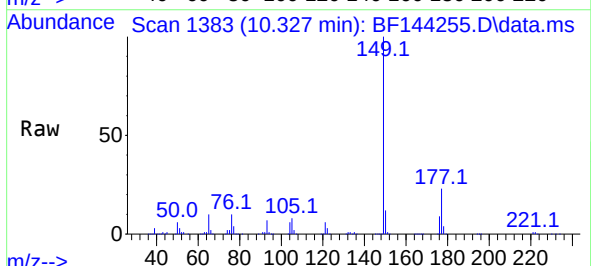
APPROVED

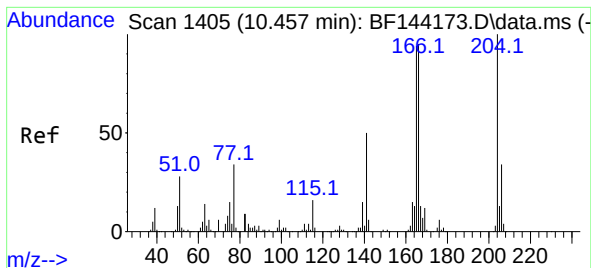
Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



#60
Diethylphthalate
Concen: 47.805 ng
RT: 10.327 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Tgt Ion:149 Resp: 337070
Ion Ratio Lower Upper
149 100
177 22.9 18.3 27.5
150 11.7 9.8 14.6





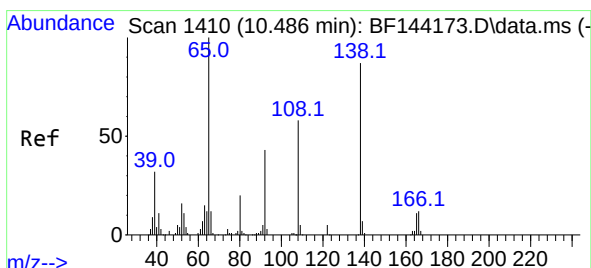
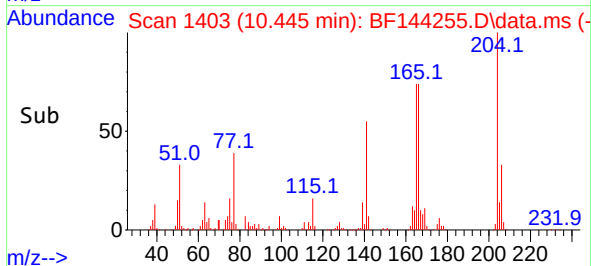
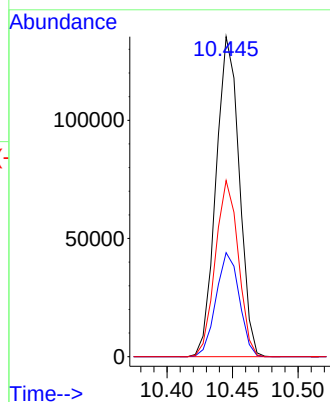
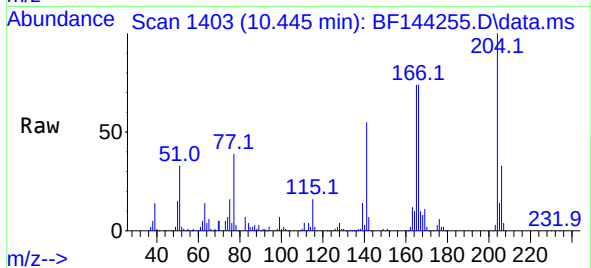
#61
4-Chlorophenyl-phenylether
Concen: 43.904 ng
RT: 10.445 min Scan# 1405
Delta R.T. -0.012 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Instrument :
BNA_F
ClientSampleId :
PB170538BS

Tgt Ion:204 Resp: 166830
Ion Ratio Lower Upper
204 100
206 32.5 27.4 41.2
141 55.1 40.0 60.0

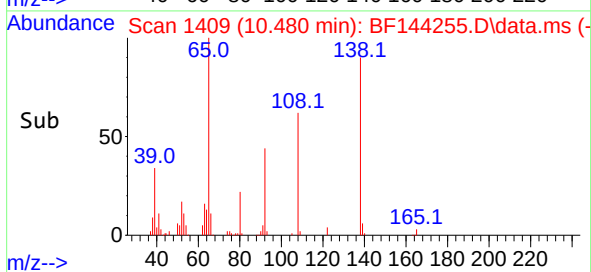
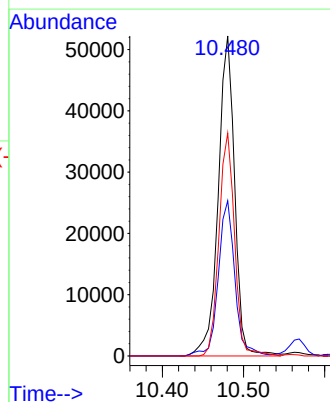
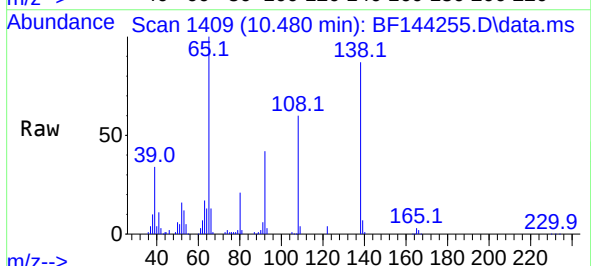
Manual Integrations
APPROVED

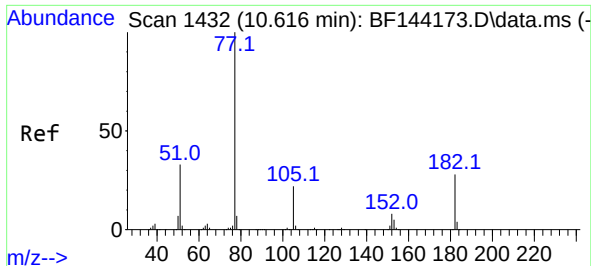
Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



#62
4-Nitroaniline
Concen: 45.764 ng
RT: 10.480 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Tgt Ion:138 Resp: 73766
Ion Ratio Lower Upper
138 100
92 48.5 29.4 69.4
108 69.7 46.4 86.4





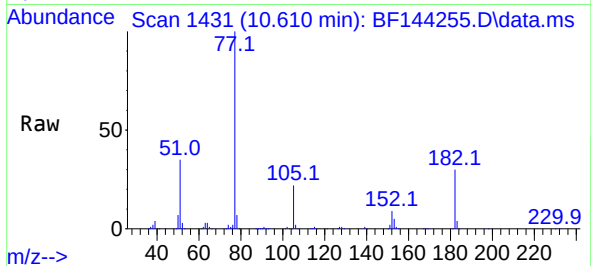
#63
Azobenzene
Concen: 48.866 ng
RT: 10.610 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Instrument :

BNA_F

ClientSampleId :

PB170538BS

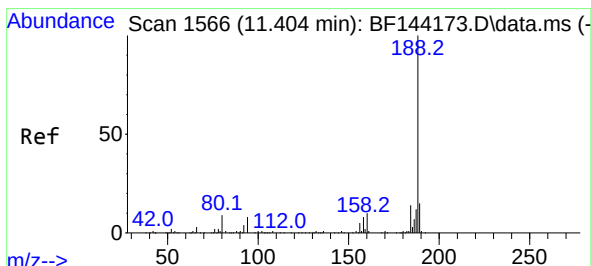
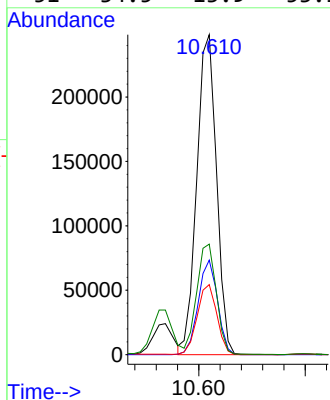
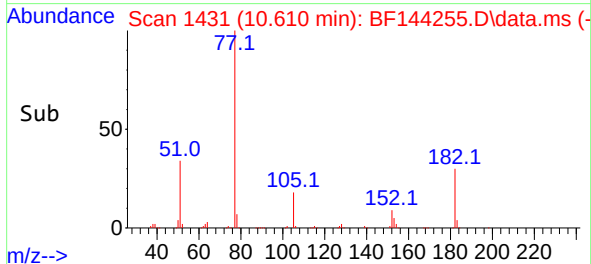


Tgt Ion: 77 Resp: 32066
Ion Ratio Lower Upper
77 100
182 29.5 8.1 48.1
105 21.9 2.0 42.0
51 34.5 13.9 53.9

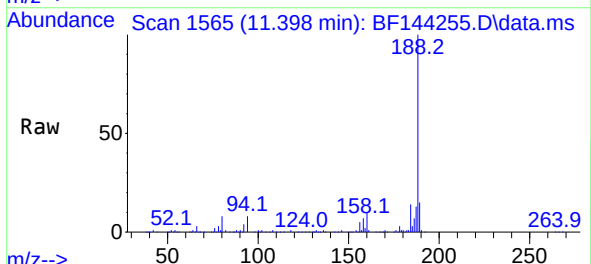
Manual Integrations

APPROVED

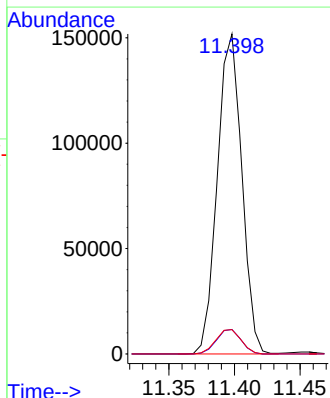
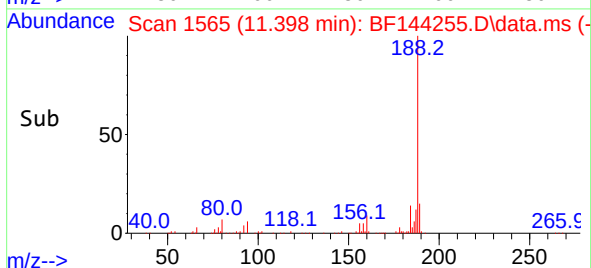
Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025

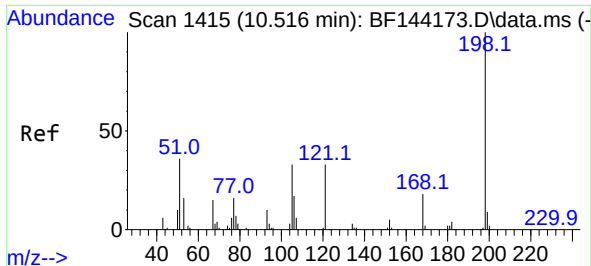


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17



Tgt Ion:188 Resp: 197067
Ion Ratio Lower Upper
188 100
94 7.7 6.2 9.2
80 7.6 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 47.381 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Instrument :

BNA_F

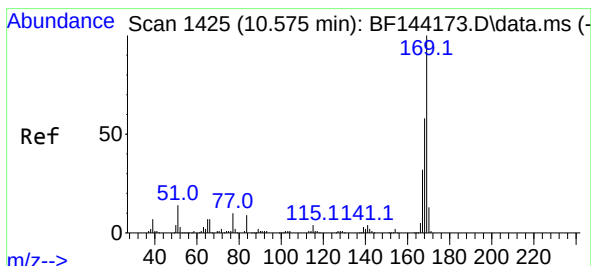
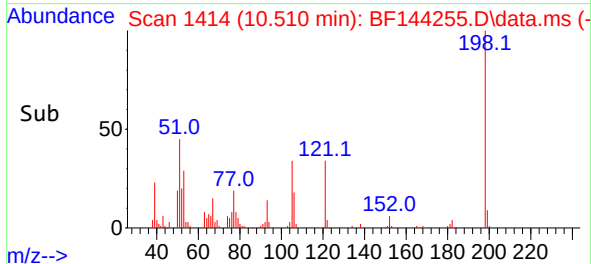
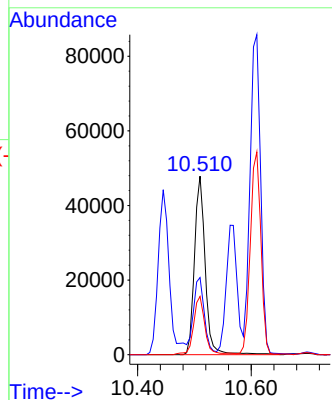
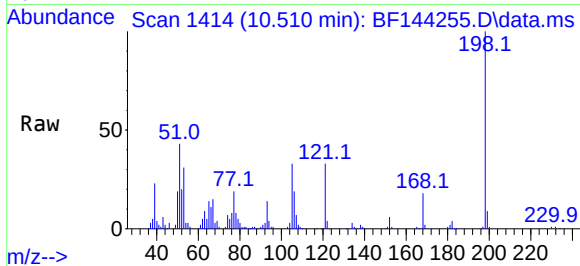
ClientSampleId :

PB170538BS

Tgt Ion:198 Resp: 63432
Ion Ratio Lower Upper
198 100
51 43.1 25.6 65.6
105 32.6 14.6 54.6

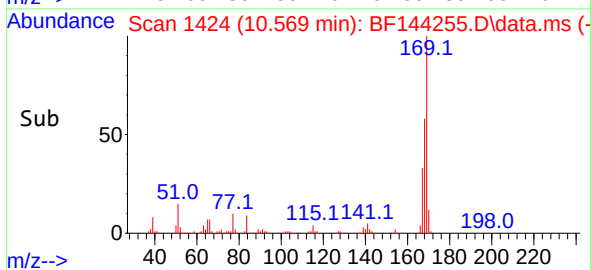
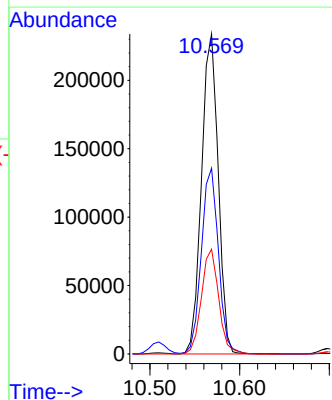
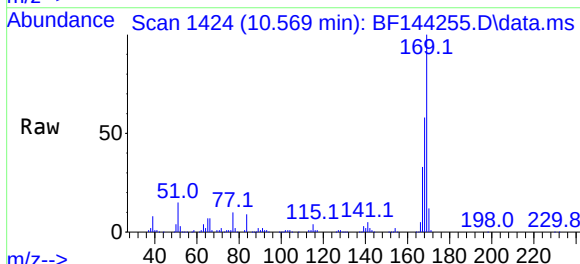
Manual Integrations
APPROVED

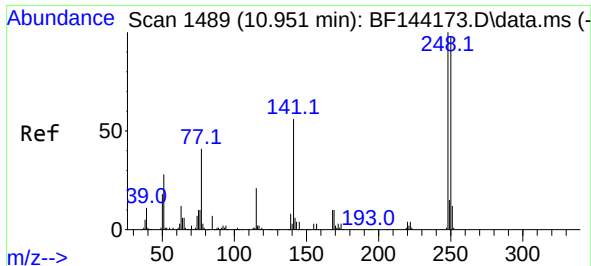
Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



#66
n-Nitrosodiphenylamine
Concen: 47.672 ng
RT: 10.569 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Tgt Ion:169 Resp: 302157
Ion Ratio Lower Upper
169 100
168 58.1 46.2 69.2
167 32.8 25.7 38.5





#67
4-Bromophenyl-phenylether
Concen: 46.464 ng
RT: 10.939 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Instrument :

BNA_F

ClientSampleId :

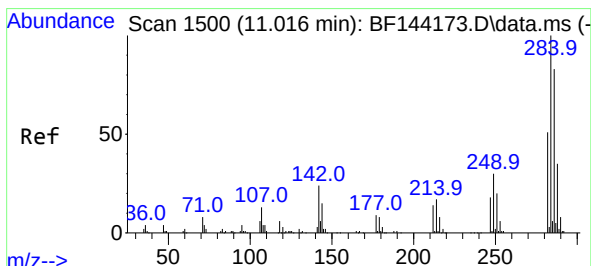
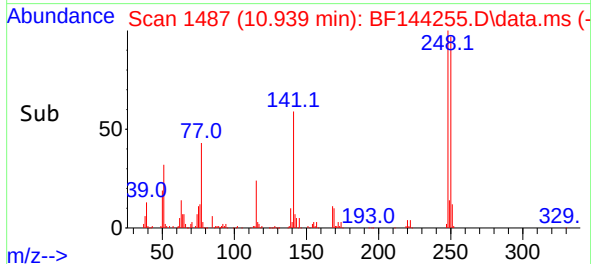
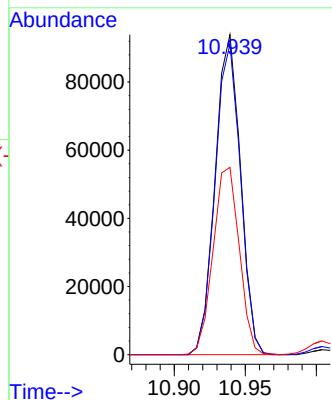
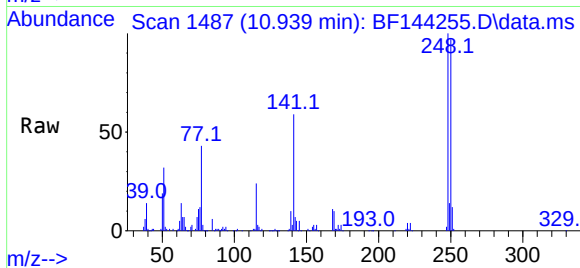
PB170538BS

Tgt Ion:248 Resp: 116879
Ion Ratio Lower Upper
248 100
250 97.1 78.4 117.6
141 58.5 45.1 67.7

Manual Integrations

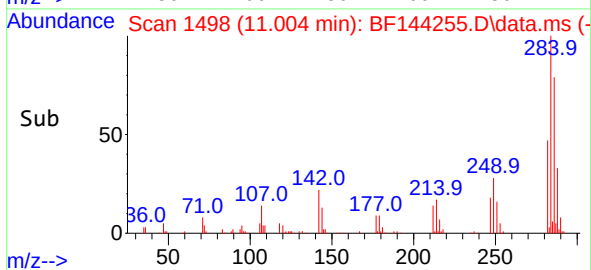
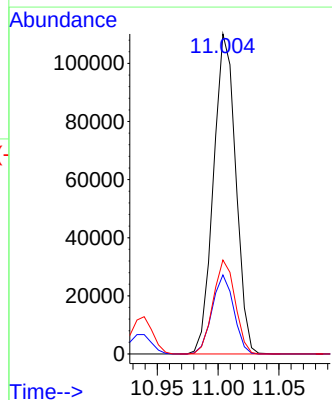
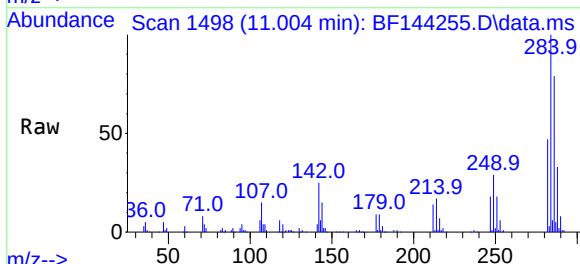
APPROVED

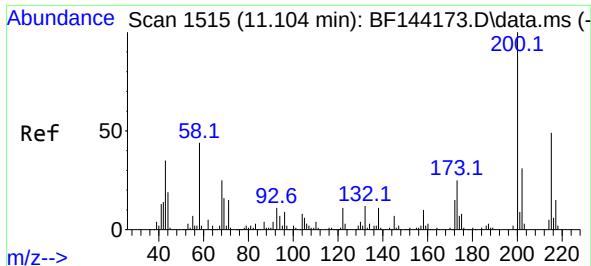
Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



#68
Hexachlorobenzene
Concen: 47.344 ng
RT: 11.004 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

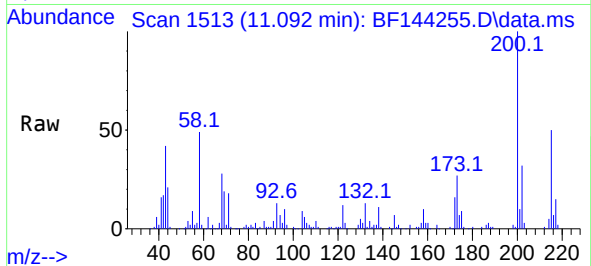
Tgt Ion:284 Resp: 140268
Ion Ratio Lower Upper
284 100
142 24.7 19.2 28.8
249 29.3 23.8 35.8





#69
Atrazine
Concen: 47.636 ng
RT: 11.092 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

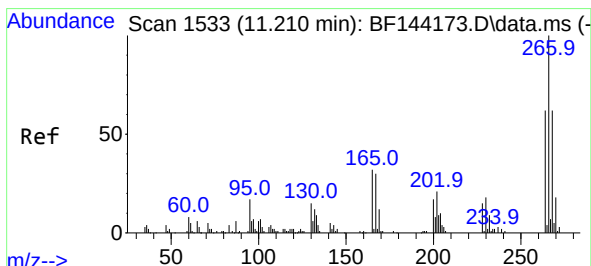
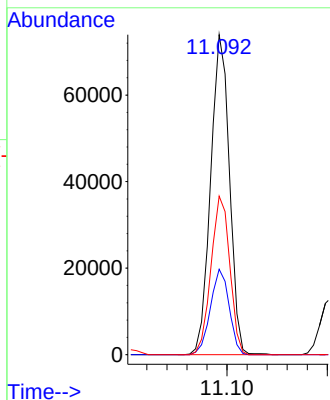
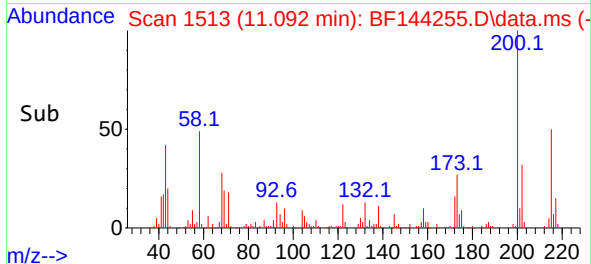
Instrument :
BNA_F
ClientSampleId :
PB170538BS



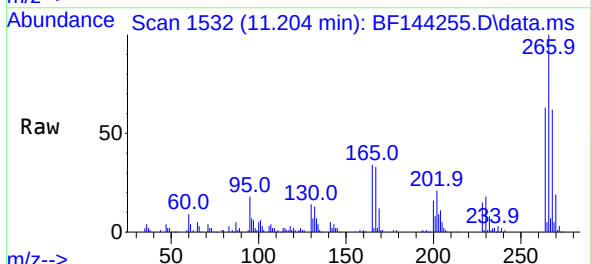
Tgt Ion:200 Resp: 96020
Ion Ratio Lower Upper
200 100
173 26.7 5.0 45.0
215 49.6 28.7 68.7

Manual Integrations
APPROVED

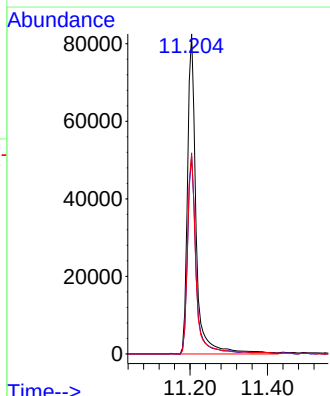
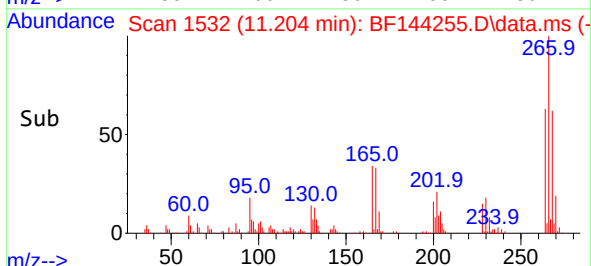
Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025

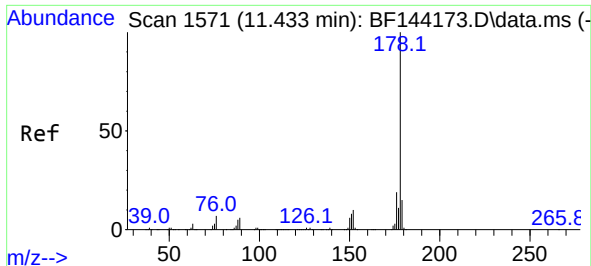


#70
Pentachlorophenol
Concen: 86.110 ng
RT: 11.204 min Scan# 1532
Delta R.T. -0.012 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17



Tgt Ion:266 Resp: 127043
Ion Ratio Lower Upper
266 100
268 61.8 49.5 74.3
264 62.8 49.4 74.2





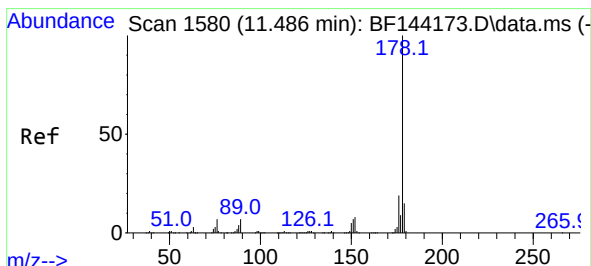
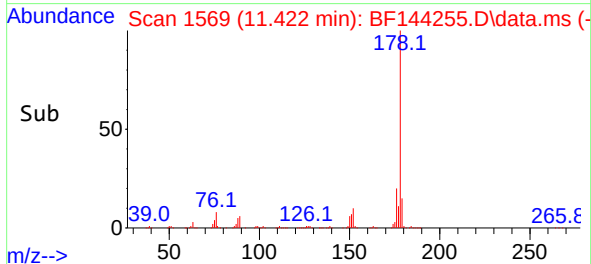
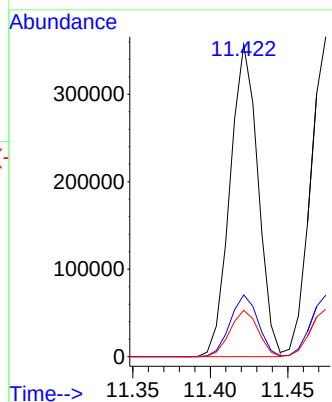
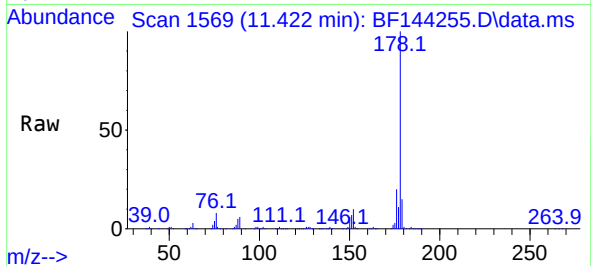
#71
Phenanthrene
Concen: 45.602 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Instrument :
BNA_F
ClientSampleId :
PB170538BS

Tgt Ion:178 Resp: 44743
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 14.9 12.2 18.4

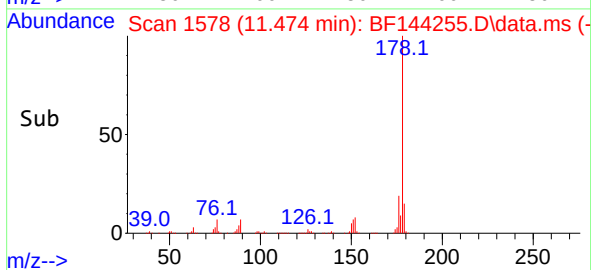
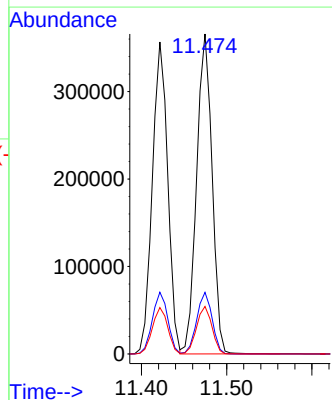
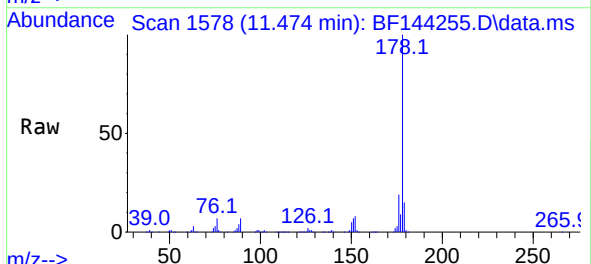
Manual Integrations
APPROVED

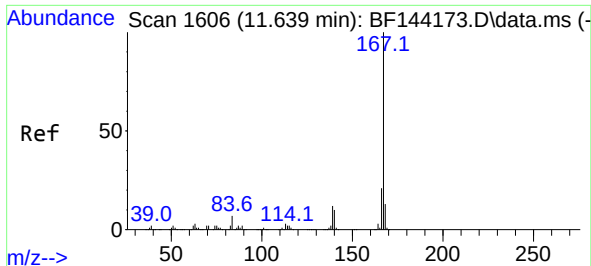
Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



#72
Anthracene
Concen: 46.179 ng
RT: 11.474 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

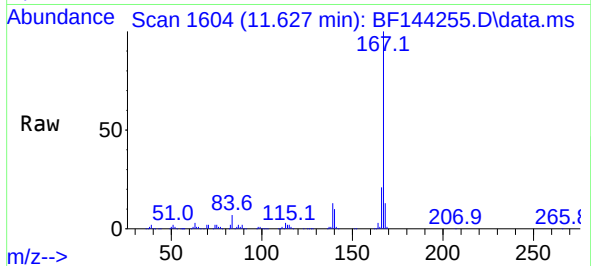
Tgt Ion:178 Resp: 460716
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 14.9 12.0 18.0





#73
 Carbazole
 Concen: 44.282 ng
 RT: 11.627 min Scan# 1604
 Delta R.T. -0.012 min
 Lab File: BF144255.D
 Acq: 14 Nov 2025 11:17

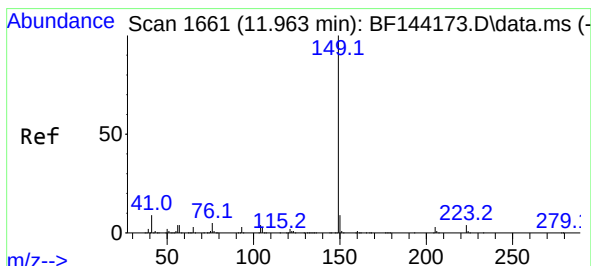
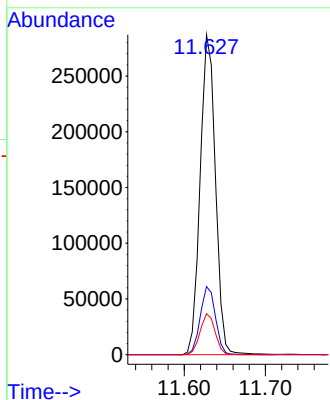
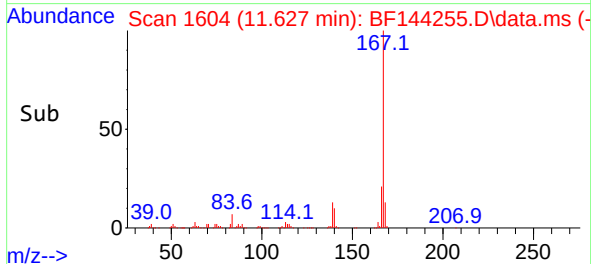
Instrument :
 BNA_F
 ClientSampleId :
 PB170538BS



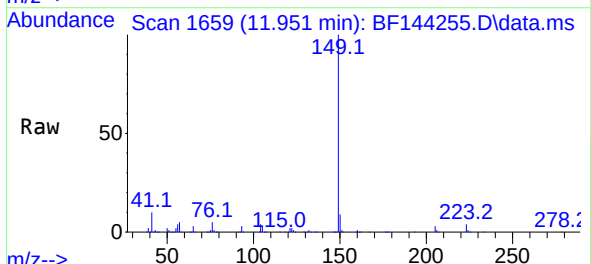
Tgt Ion:167 Resp: 375674
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.2 25.8
 139 12.8 9.9 14.9

Manual Integrations
 APPROVED

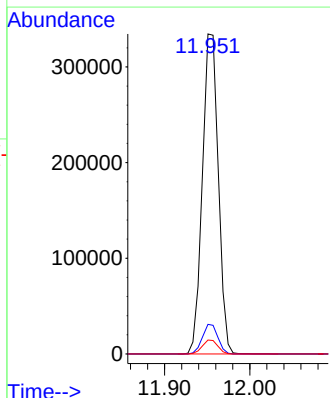
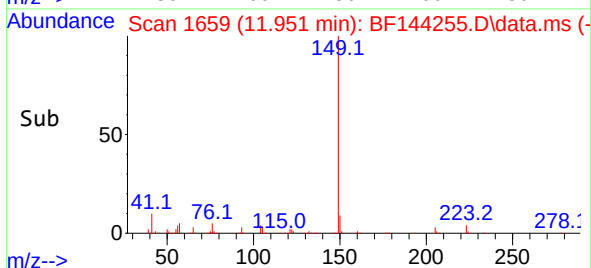
Reviewed By :Jagrut Upadhyay 11/17/2025
 Supervised By :Sohil Jodhani 11/17/2025

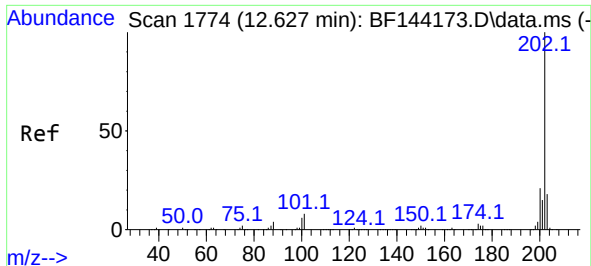


#74
 Di-n-butylphthalate
 Concen: 42.373 ng
 RT: 11.951 min Scan# 1659
 Delta R.T. -0.012 min
 Lab File: BF144255.D
 Acq: 14 Nov 2025 11:17



Tgt Ion:149 Resp: 434566
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 4.3 3.4 5.2





#75
Fluoranthene
Concen: 42.616 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Instrument :

BNA_F

ClientSampleId :

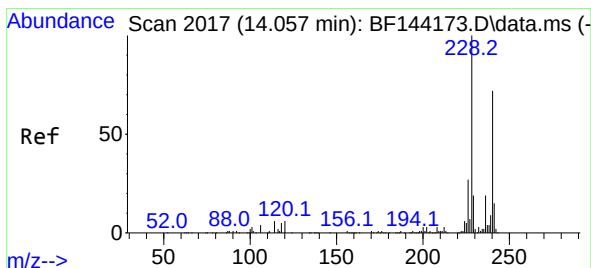
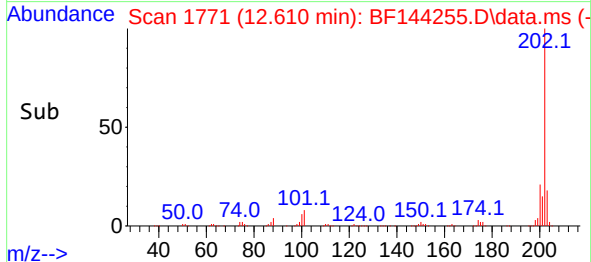
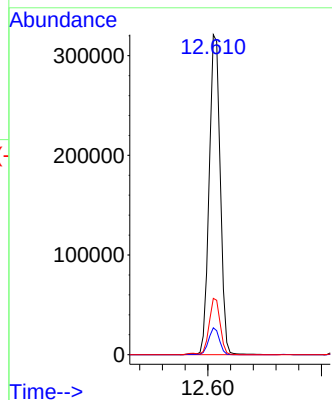
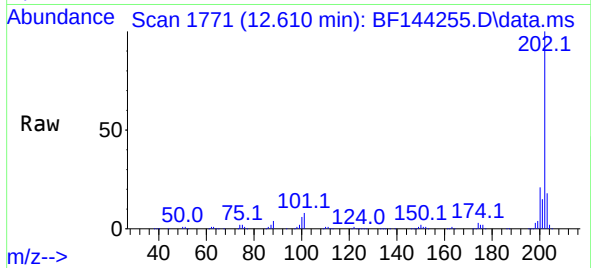
PB170538BS

Tgt Ion:202 Resp: 43193
Ion Ratio Lower Upper
202 100
101 8.4 0.0 27.9
203 17.6 0.0 37.5

Manual Integrations

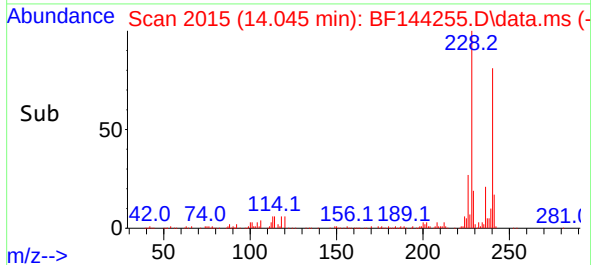
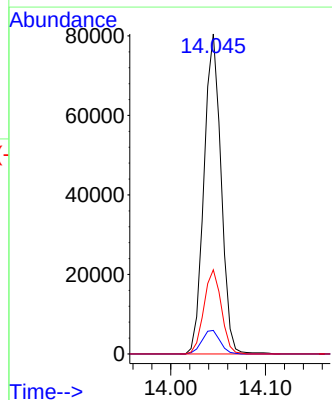
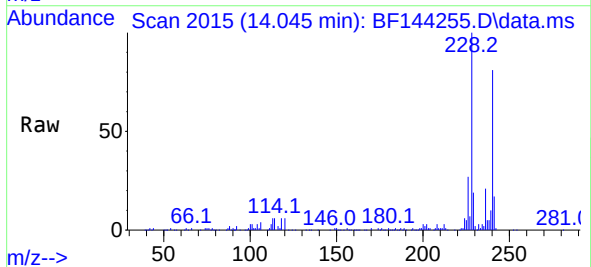
APPROVED

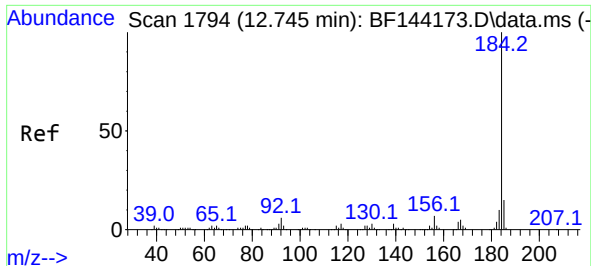
Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

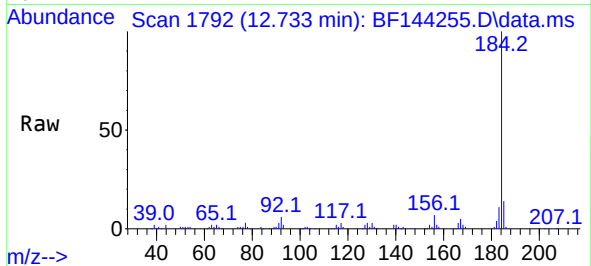
Tgt Ion:240 Resp: 100542
Ion Ratio Lower Upper
240 100
120 7.4 6.6 10.0
236 26.3 21.4 32.2





#77
Benzidine
Concen: 31.587 ng
RT: 12.733 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

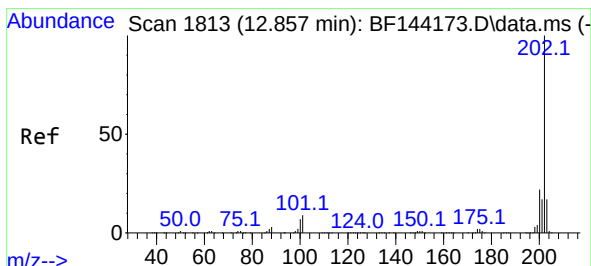
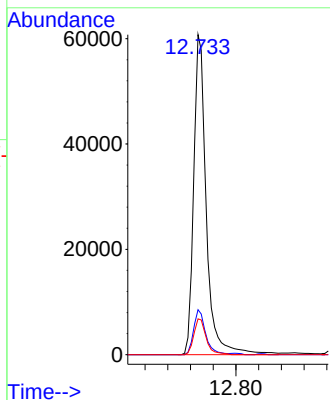
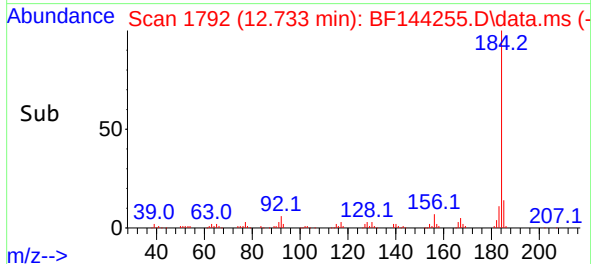
Instrument :
BNA_F
ClientSampleId :
PB170538BS



Tgt Ion:184 Resp: 93940
Ion Ratio Lower Upper
184 100
185 14.0 11.7 17.5
183 11.2 8.3 12.5

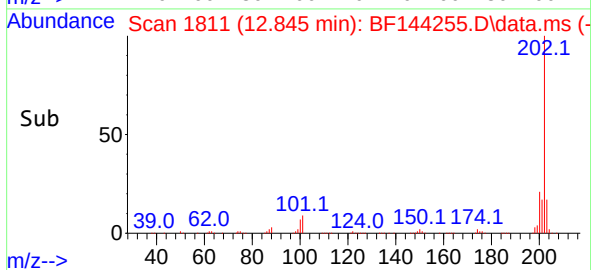
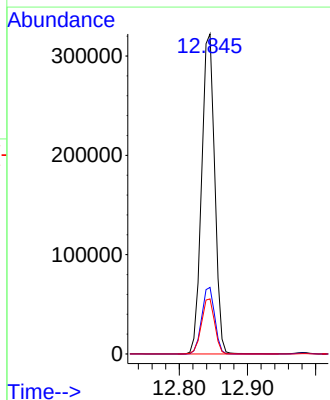
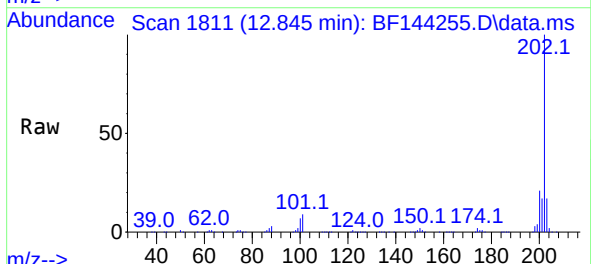
Manual Integrations
APPROVED

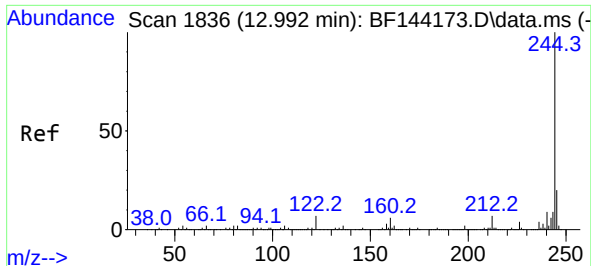
Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



#78
Pyrene
Concen: 53.019 ng
RT: 12.845 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Tgt Ion:202 Resp: 429807
Ion Ratio Lower Upper
202 100
200 20.8 17.2 25.8
203 17.2 13.7 20.5





#79
 Terphenyl-d14
 Concen: 95.912 ng
 RT: 12.980 min Scan# 1834
 Delta R.T. -0.012 min
 Lab File: BF144255.D
 Acq: 14 Nov 2025 11:17

Instrument :

BNA_F

ClientSampleId :

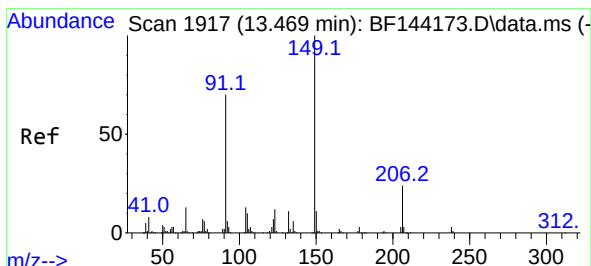
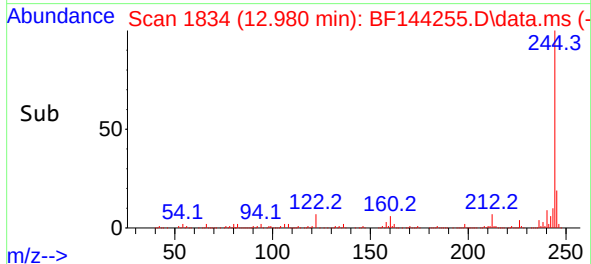
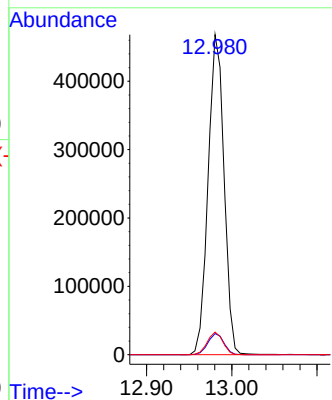
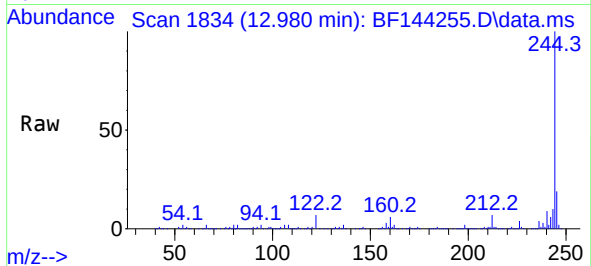
PB170538BS

Tgt Ion:244 Resp: 607090
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.3 7.9
 122 7.0 5.6 8.4

Manual Integrations

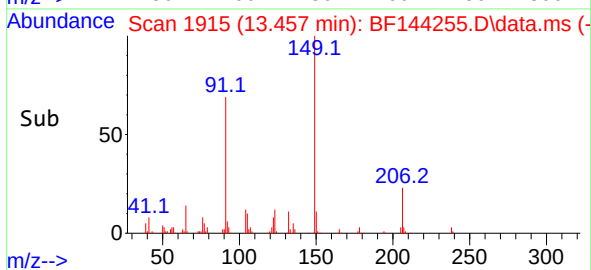
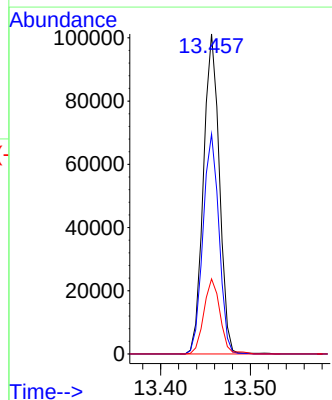
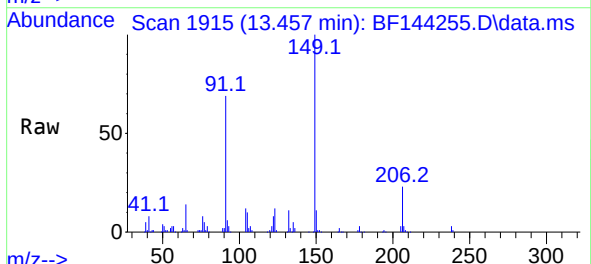
APPROVED

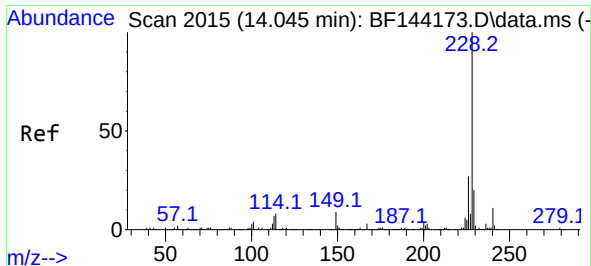
Reviewed By :Jagrut Upadhyay 11/17/2025
 Supervised By :Sohil Jodhani 11/17/2025



#80
 Butylbenzylphthalate
 Concen: 44.383 ng
 RT: 13.457 min Scan# 1915
 Delta R.T. -0.012 min
 Lab File: BF144255.D
 Acq: 14 Nov 2025 11:17

Tgt Ion:149 Resp: 124701
 Ion Ratio Lower Upper
 149 100
 91 68.7 56.1 84.1
 206 23.4 18.8 28.2





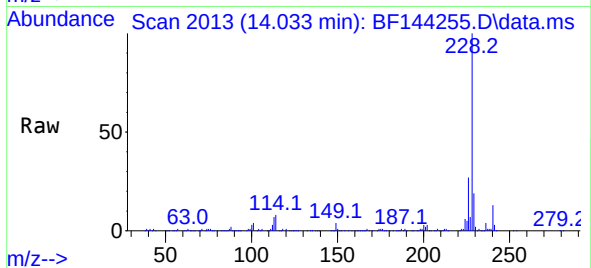
#81
Benzo(a)anthracene
Concen: 47.482 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Instrument :

BNA_F

ClientSampleId :

PB170538BS

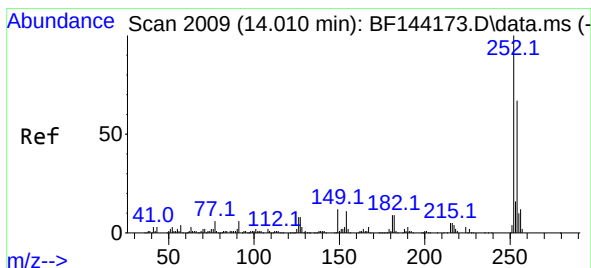
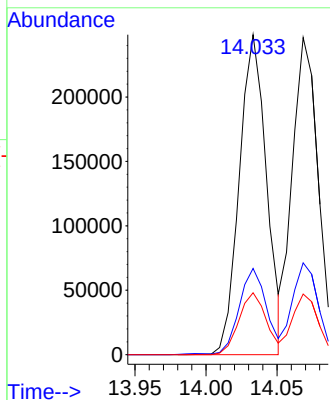
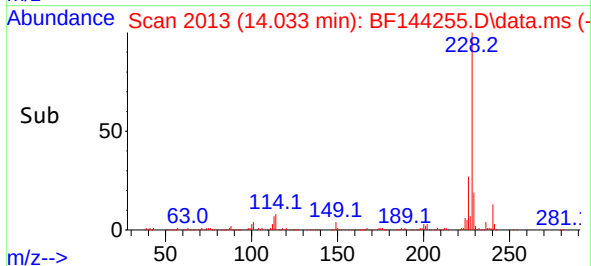


Tgt Ion:228 Resp: 330869
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.8
229 19.4 15.8 23.6

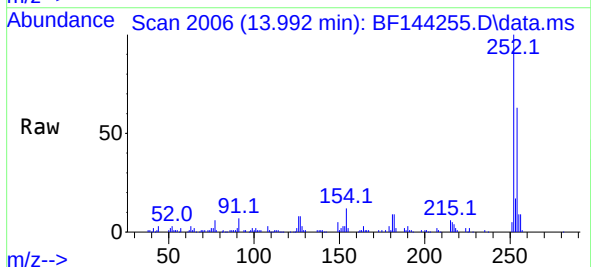
Manual Integrations

APPROVED

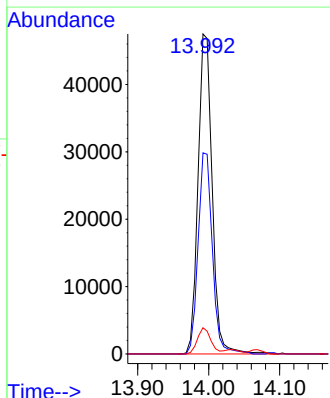
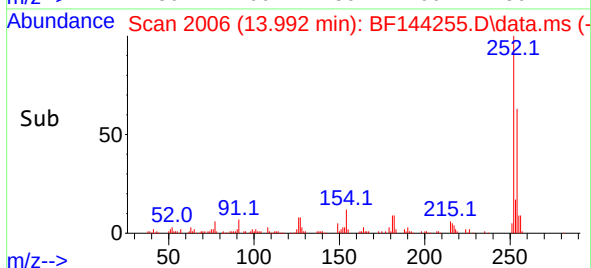
Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025

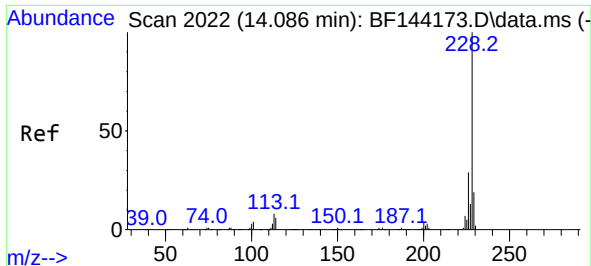


#82
3,3'-Dichlorobenzidine
Concen: 27.604 ng
RT: 13.992 min Scan# 2006
Delta R.T. -0.018 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17



Tgt Ion:252 Resp: 65933
Ion Ratio Lower Upper
252 100
254 62.9 53.5 80.3
126 8.2 6.4 9.6





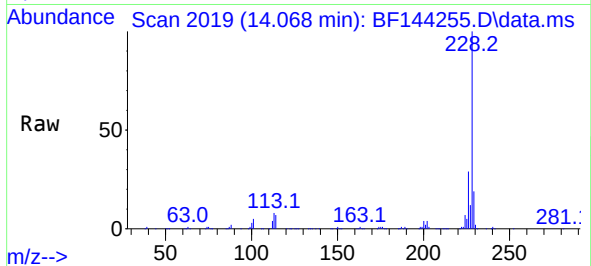
#83
Chrysene
Concen: 48.908 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Instrument :

BNA_F

ClientSampleId :

PB170538BS

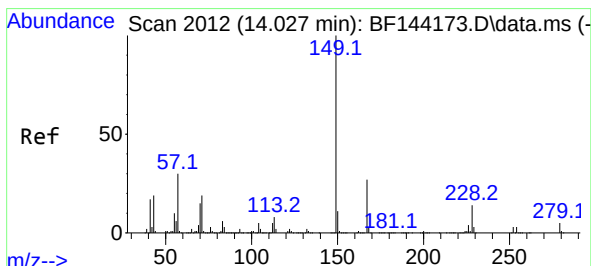
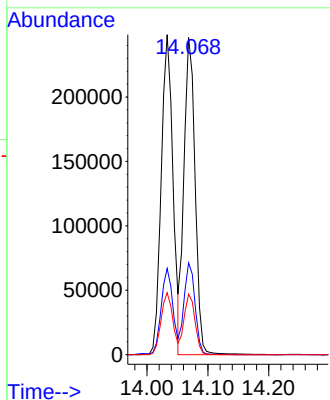
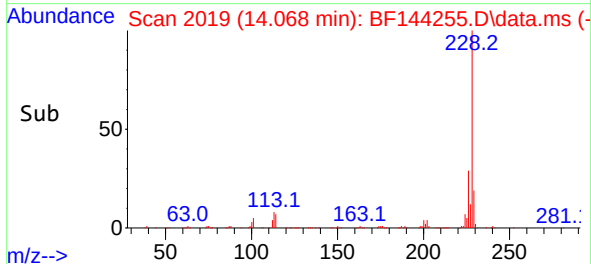


Tgt Ion:228 Resp: 314609
Ion Ratio Lower Upper
228 100
226 29.0 22.9 34.3
229 19.1 15.0 22.6

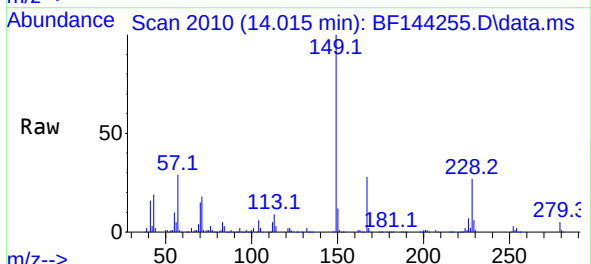
Manual Integrations

APPROVED

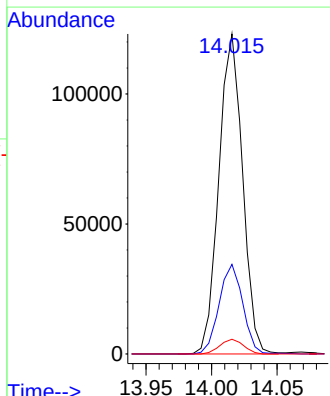
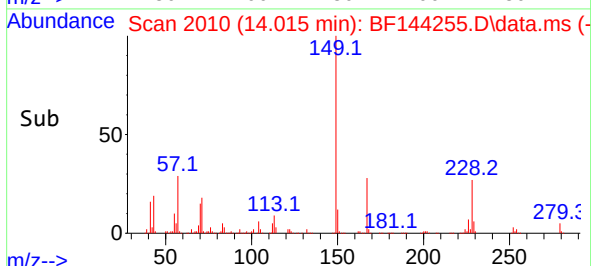
Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025

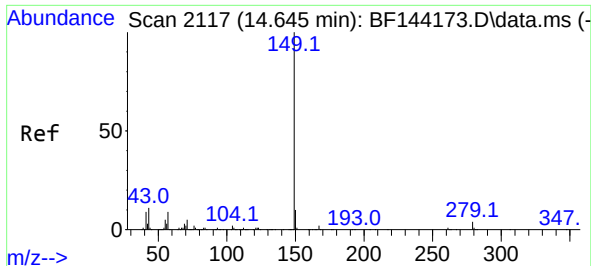


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.209 ng
RT: 14.015 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17



Tgt Ion:149 Resp: 154655
Ion Ratio Lower Upper
149 100
167 28.0 21.8 32.8
279 4.6 3.7 5.5





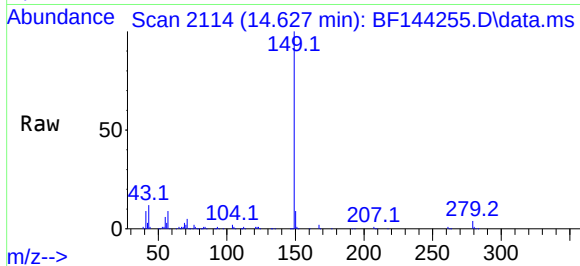
#85
Di-n-octyl phthalate
Concen: 43.193 ng
RT: 14.627 min Scan# 2114
Delta R.T. -0.018 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Instrument :

BNA_F

ClientSampleId :

PB170538BS

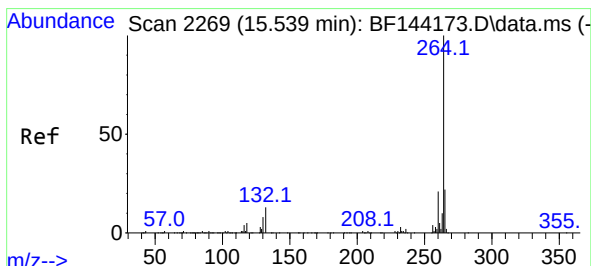
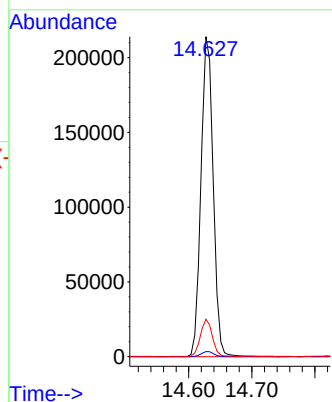
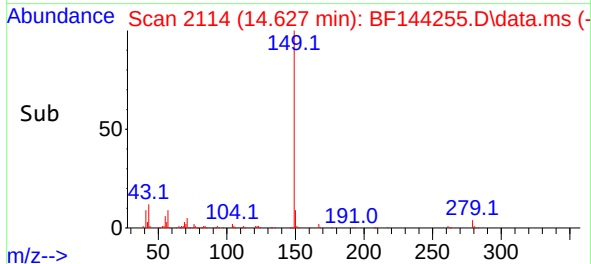


Tgt Ion:149 Resp: 286634
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.7 9.0 13.4

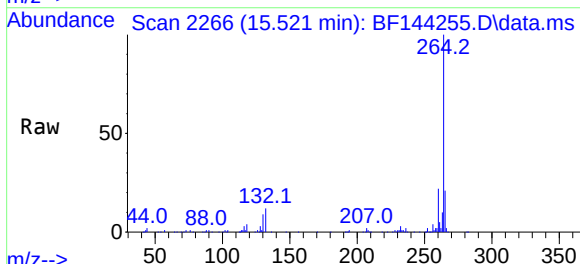
Manual Integrations

APPROVED

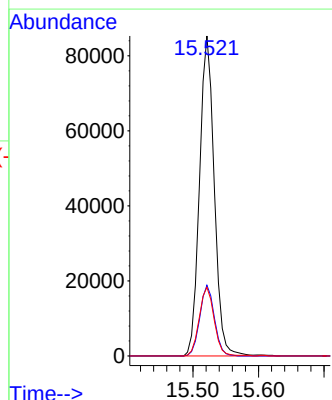
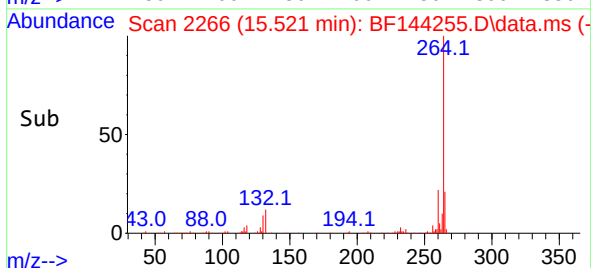
Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025

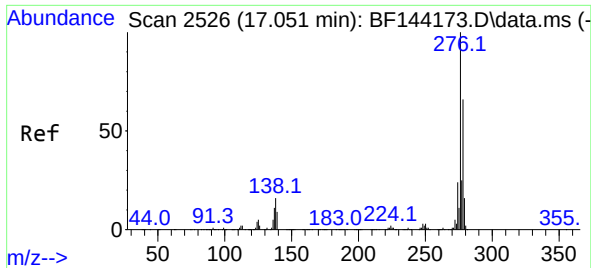


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17



Tgt Ion:264 Resp: 133757
Ion Ratio Lower Upper
264 100
260 22.1 17.1 25.7
265 21.4 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 48.304 ng
RT: 17.021 min Scan# 2193
Delta R.T. -0.012 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Instrument :

BNA_F

ClientSampleId :

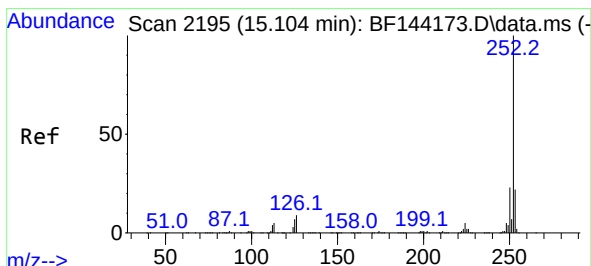
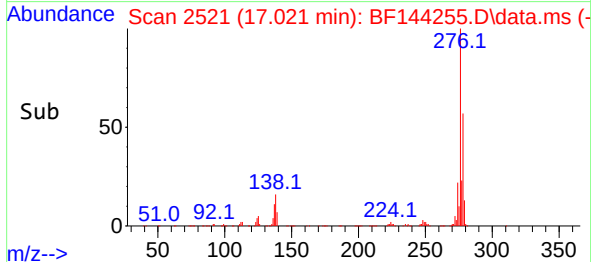
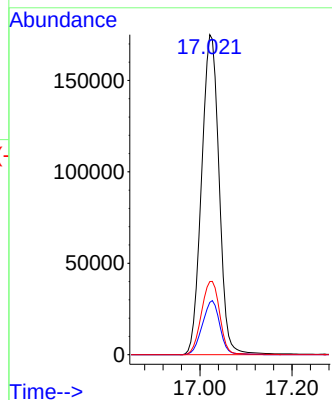
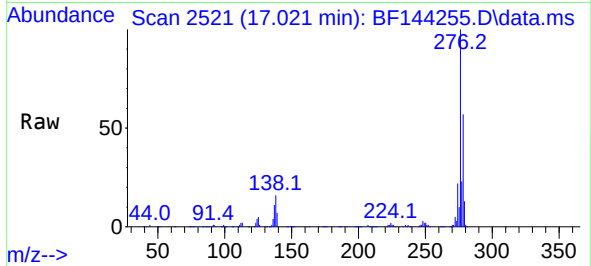
PB170538BS

Tgt Ion:276 Resp: 463799
Ion Ratio Lower Upper
276 100
138 16.9 13.9 20.9
277 23.9 19.8 29.6

Manual Integrations

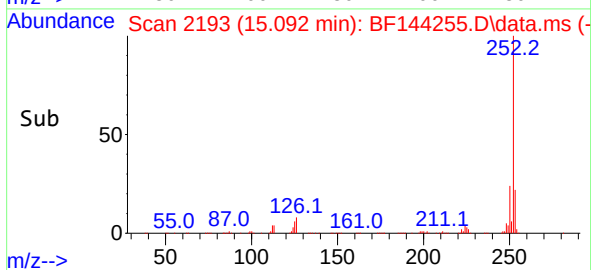
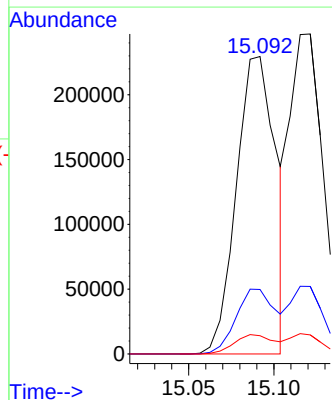
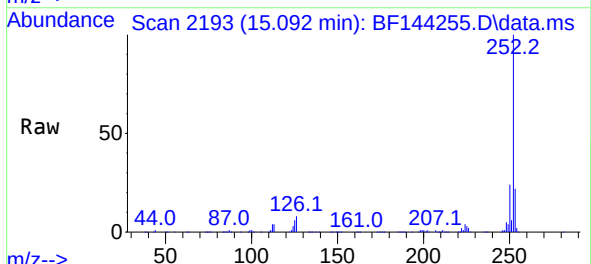
APPROVED

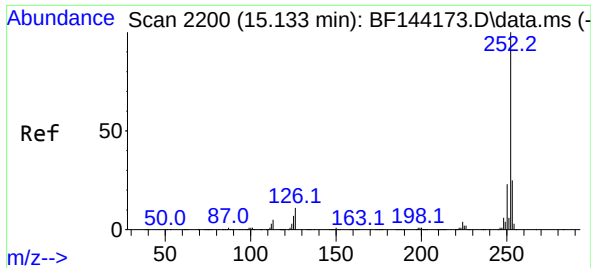
Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



#88
Benzo(b)fluoranthene
Concen: 48.664 ng
RT: 15.092 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Tgt Ion:252 Resp: 370058
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 6.1 5.3 7.9





#89
Benzo(k)fluoranthene
Concen: 47.870 ng
RT: 15.121 min Scan# 211
Delta R.T. -0.006 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Instrument :

BNA_F

ClientSampleId :

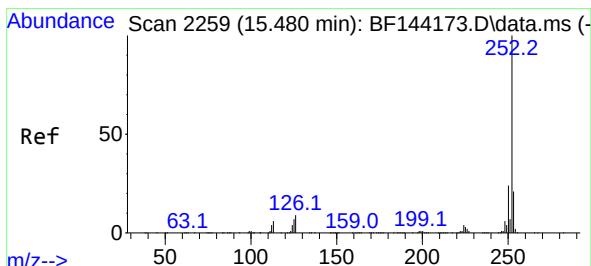
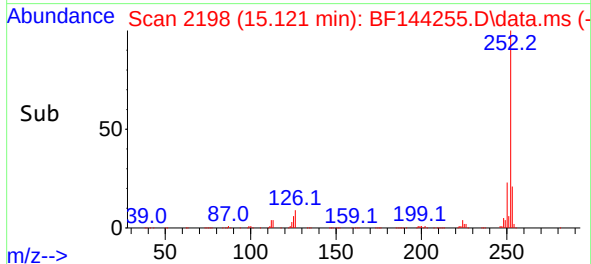
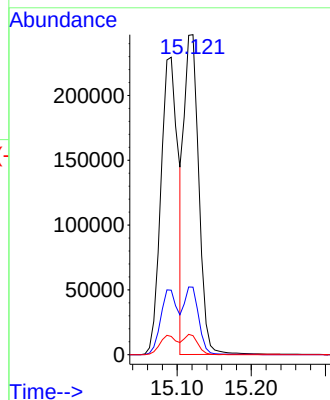
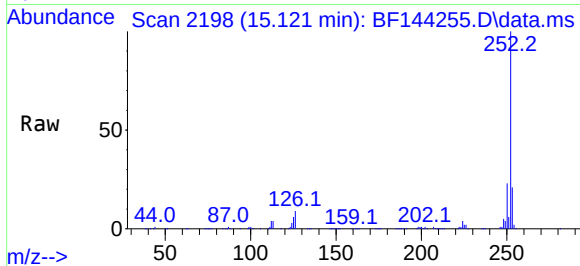
PB170538BS

Tgt Ion:252 Resp: 340725
Ion Ratio Lower Upper
252 100
253 21.1 18.0 27.0
125 6.0 5.4 8.2

Manual Integrations

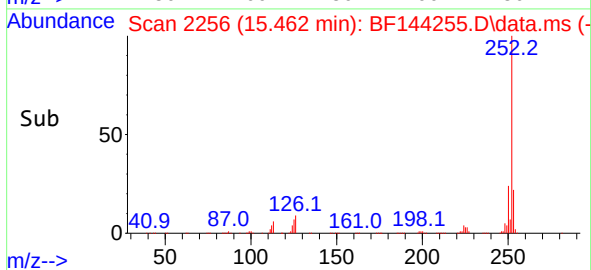
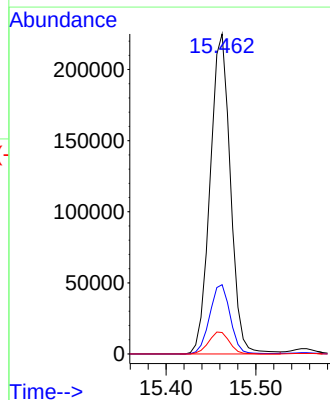
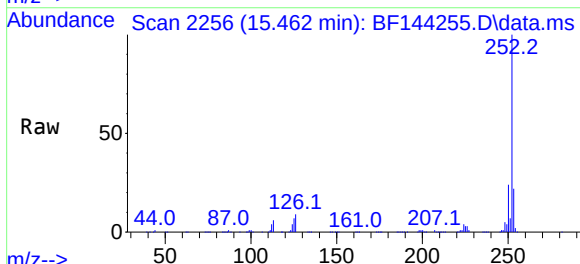
APPROVED

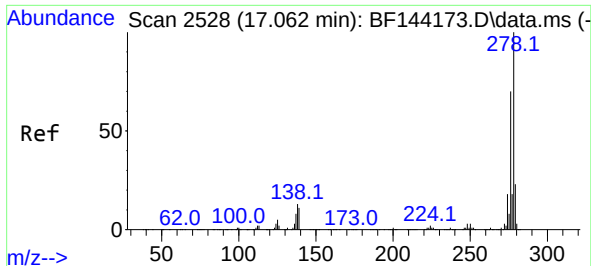
Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



#90
Benzo(a)pyrene
Concen: 50.350 ng
RT: 15.462 min Scan# 2256
Delta R.T. -0.012 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Tgt Ion:252 Resp: 353219
Ion Ratio Lower Upper
252 100
253 21.7 16.7 25.1
125 6.7 5.7 8.5





#91
Dibenzo(a,h)anthracene
Concen: 48.915 ng
RT: 17.039 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Instrument :

BNA_F

ClientSampleId :

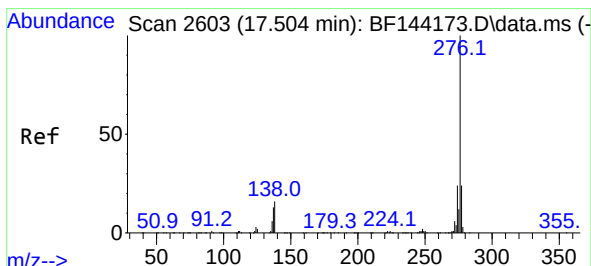
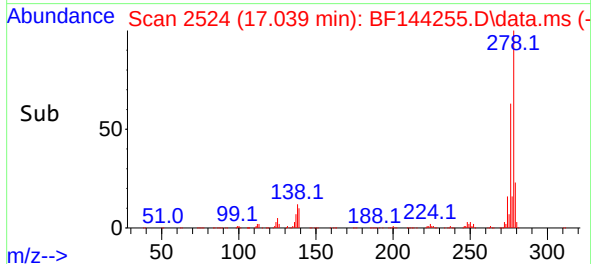
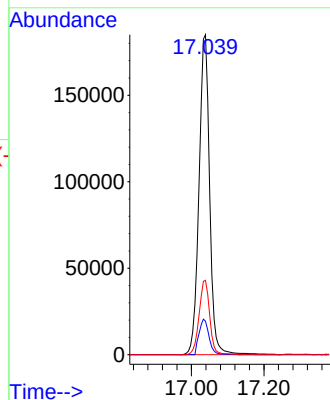
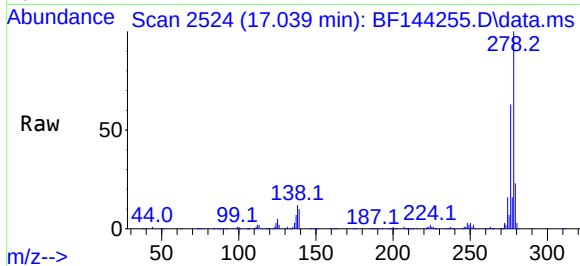
PB170538BS

Tgt Ion:278 Resp: 37718
Ion Ratio Lower Upper
278 100
139 10.5 9.1 13.7
279 23.3 18.2 27.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



#92
Benzo(g,h,i)perylene
Concen: 49.185 ng
RT: 17.474 min Scan# 2598
Delta R.T. -0.018 min
Lab File: BF144255.D
Acq: 14 Nov 2025 11:17

Tgt Ion:276 Resp: 374534
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.4
138 15.4 12.9 19.3

