

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111225\
 Data File : BF144239.D
 Acq On : 12 Nov 2025 20:20
 Operator : RC/JU
 Sample : Q3604-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/13/2025
 Supervised By :mohammad ahmed 11/14/2025

Quant Time: Nov 13 10:42:46 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	6.869	152	37192	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	147944	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	80453	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	131172	20.000	ng	0.00
76) Chrysene-d12	14.051	240	72085	20.000	ng	0.00
86) Perylene-d12	15.527	264	94938	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	284862	119.857	ng	0.01
7) Phenol-d6	6.504	99	315662	117.217	ng	0.00
23) Nitrobenzene-d5	7.434	82	229421	89.562	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	122955	121.787	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	451462	82.878	ng	0.00
79) Terphenyl-d14	12.986	244	393816	86.778	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.810	88	45984	46.799	ng	# 80
3) Pyridine	3.528	79	93101	33.962	ng	99
4) n-Nitrosodimethylamine	3.469	42	73511	51.338	ng	94
6) Aniline	6.534	93	34774	9.063	ng	# 59
8) 2-Chlorophenol	6.657	128	111461	47.821	ng	99
9) Benzaldehyde	6.422	77	52075	34.245	ng	95
10) Phenol	6.522	94	132212	40.183	ng	96
11) bis(2-Chloroethyl)ether	6.604	93	119204	49.721	ng	96
12) 1,3-Dichlorobenzene	6.810	146	132321	46.007	ng	98
13) 1,4-Dichlorobenzene	6.887	146	132618	46.025	ng	99
14) 1,2-Dichlorobenzene	7.040	146	128595	46.562	ng	99
15) Benzyl Alcohol	7.010	79	101227	47.471	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	231277	52.385	ng	94
17) 2-Methylphenol	7.122	107	89539	48.289	ng	98
18) Hexachloroethane	7.381	117	43880	45.838	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	87086	49.124	ng	95
20) 3+4-Methylphenols	7.281	107	101605	46.484	ng	# 85
22) Acetophenone	7.281	105	145871	45.962	ng	97
24) Nitrobenzene	7.451	77	129533	46.573	ng	99
25) Isophorone	7.692	82	232935	48.075	ng	98
26) 2-Nitrophenol	7.769	139	66284	48.144	ng	98
27) 2,4-Dimethylphenol	7.804	122	108134	52.401	ng	100
28) bis(2-Chloroethoxy)met...	7.898	93	148399	49.046	ng	99
29) 2,4-Dichlorophenol	8.010	162	106715	44.868	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	112232	45.954	ng	97
31) Naphthalene	8.175	128	320624	45.559	ng	99
32) Benzoic acid	7.934	122	68255	45.124	ng	92
33) 4-Chloroaniline	8.228	127	10918	4.254	ng	99
34) Hexachlorobutadiene	8.287	225	76923	41.792	ng	98
35) Caprolactam	8.592	113	27901m	42.819	ng	
36) 4-Chloro-3-methylphenol	8.710	107	98550	46.234	ng	98
37) 2-Methylnaphthalene	8.863	142	194827	41.406	ng	99
38) 1-Methylnaphthalene	8.963	142	199570	43.958	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	119433	45.296	ng	98
41) Hexachlorocyclopentadiene	9.016	237	108990	97.445	ng	96
43) 2,4,6-Trichlorophenol	9.145	196	82891	46.189	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111225\
 Data File : BF144239.D
 Acq On : 12 Nov 2025 20:20
 Operator : RC/JU
 Sample : Q3604-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1MS

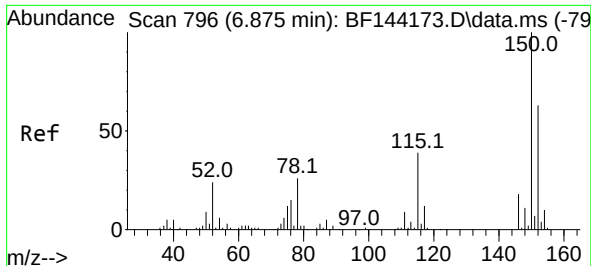
Quant Time: Nov 13 10:42:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/13/2025
 Supervised By :mohammad ahmed 11/14/2025

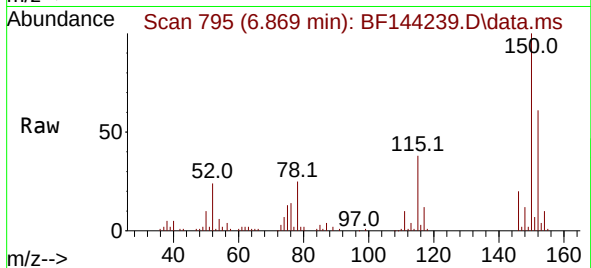
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	87862	45.426	ng	98
46) 1,1'-Biphenyl	9.328	154	268019	47.725	ng	99
47) 2-Chloronaphthalene	9.357	162	221412	46.220	ng	100
48) 2-Nitroaniline	9.451	65	64963	47.000	ng	95
49) Acenaphthylene	9.769	152	338952	51.923	ng	99
50) Dimethylphthalate	9.628	163	261262	49.019	ng	100
51) 2,6-Dinitrotoluene	9.692	165	54783	50.775	ng	98
52) Acenaphthene	9.945	154	190419	43.620	ng	98
53) 3-Nitroaniline	9.863	138	10464	8.872	ng	97
54) 2,4-Dinitrophenol	9.975	184	60304	92.559	ng	99
55) Dibenzofuran	10.116	168	278852	45.610	ng	99
56) 4-Nitrophenol	10.034	139	64237	75.293	ng	100
57) 2,4-Dinitrotoluene	10.098	165	70919	49.100	ng	96
58) Fluorene	10.457	166	215304	46.317	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	65757	48.053	ng	96
60) Diethylphthalate	10.328	149	244267	49.715	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	117572	44.403	ng	98
62) 4-Nitroaniline	10.481	138	41377	36.838	ng	95
63) Azobenzene	10.610	77	228104	49.884	ng	100
65) 4,6-Dinitro-2-methylph...	10.510	198	39919	44.797	ng	99
66) n-Nitrosodiphenylamine	10.569	169	207785	49.252	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	79839	47.685	ng	97
68) Hexachlorobenzene	11.010	284	93845	47.587	ng	96
69) Atrazine	11.098	200	56315	41.973	ng	99
70) Pentachlorophenol	11.204	266	90863	92.526	ng	97
71) Phenanthrene	11.428	178	305360	46.756	ng	99
72) Anthracene	11.475	178	302458	45.546	ng	99
73) Carbazole	11.633	167	251180	44.481	ng	98
74) Di-n-butylphthalate	11.957	149	334405	48.987	ng	99
75) Fluoranthene	12.616	202	286646	42.489	ng	99
77) Benzidine	12.745	184	7191	3.373	ng	# 96
78) Pyrene	12.845	202	284614	48.969	ng	99
80) Butylbenzylphthalate	13.463	149	103566	51.412	ng	98
81) Benzo(a)anthracene	14.039	228	248057	49.651	ng	98
82) 3,3'-Dichlorobenzidine	13.998	252	19443	11.353	ng	# 95
83) Chrysene	14.074	228	226071	49.018	ng	98
84) Bis(2-ethylhexyl)phtha...	14.021	149	137180	49.746	ng	100
85) Di-n-octyl phthalate	14.633	149	226739	47.656	ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	320326	47.003	ng	98
88) Benzo(b)fluoranthene	15.092	252	276992	51.319	ng	99
89) Benzo(k)fluoranthene	15.127	252	250891	49.662	ng	98
90) Benzo(a)pyrene	15.468	252	259774	52.170	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	260475	47.591	ng	98
92) Benzo(g,h,i)perylene	17.486	276	251595	46.550	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

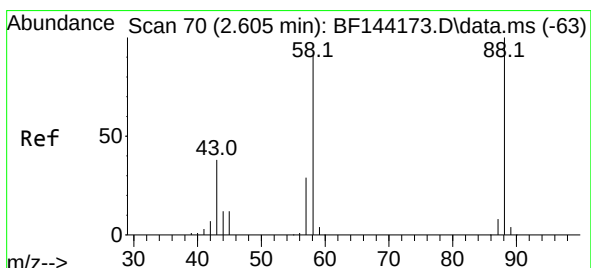
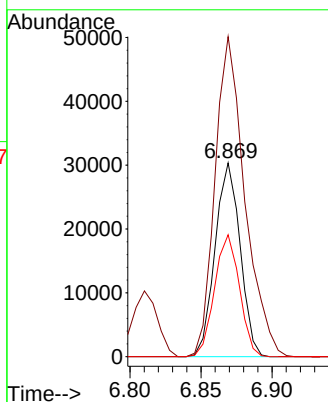
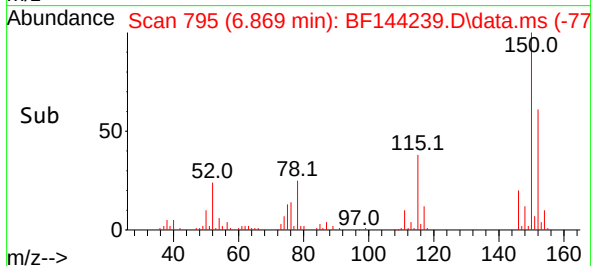
Instrument :
BNA_F
ClientSampleId :
S-1MS



Tgt Ion:152 Resp: 37192
Ion Ratio Lower Upper
152 100
150 165.1 127.4 191.0
115 62.9 49.5 74.3

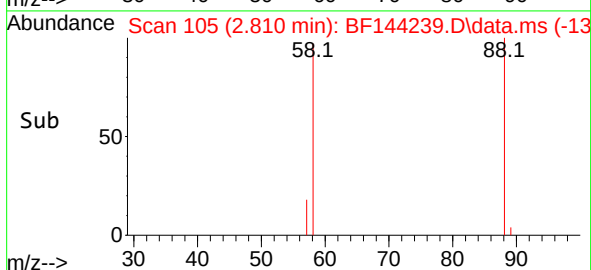
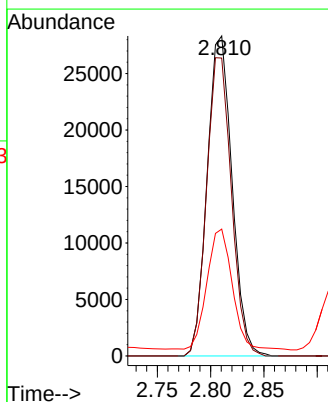
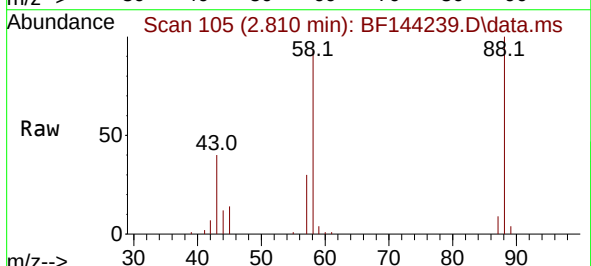
Manual Integrations
APPROVED

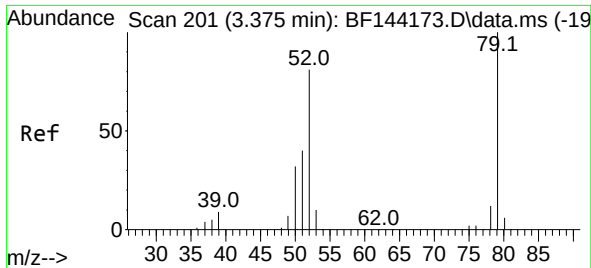
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#2
1,4-Dioxane
Concen: 46.799 ng
RT: 2.810 min Scan# 105
Delta R.T. 0.194 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

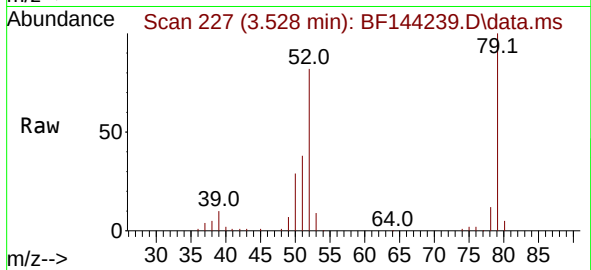
Tgt Ion: 88 Resp: 45984
Ion Ratio Lower Upper
88 100
58 92.9 73.1 109.7
43 0.0 31.0 46.6





#3
Pyridine
Concen: 33.962 ng
RT: 3.528 min Scan# 217
Delta R.T. 0.118 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

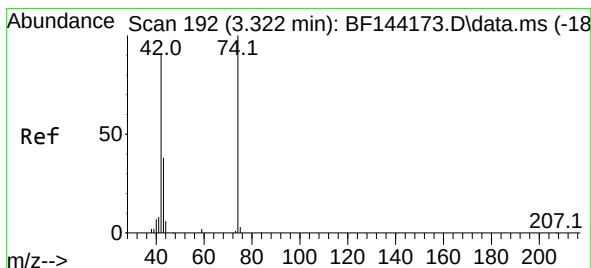
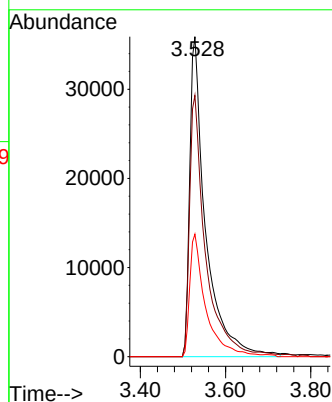
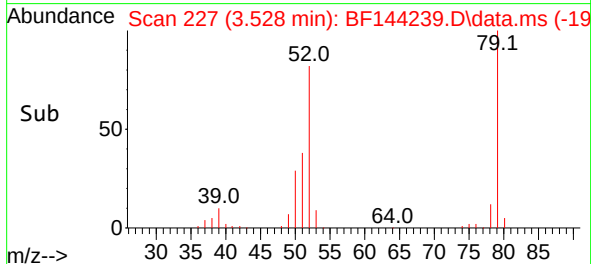
Instrument :
BNA_F
ClientSampleId :
S-1MS



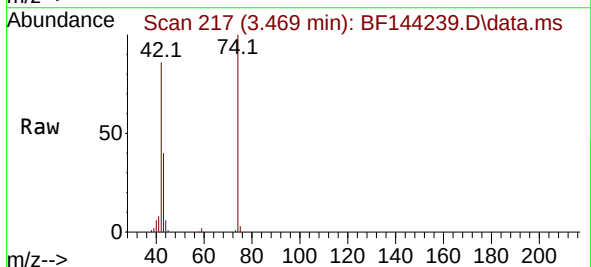
Tgt Ion: 79 Resp: 9310
Ion Ratio Lower Upper
79 100
52 81.7 64.5 96.7
51 38.3 31.7 47.5

Manual Integrations
APPROVED

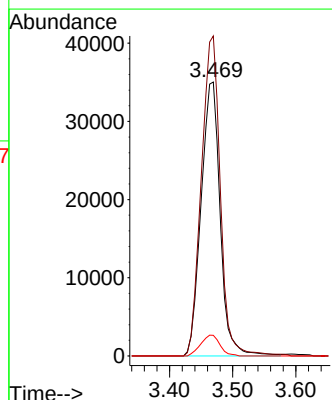
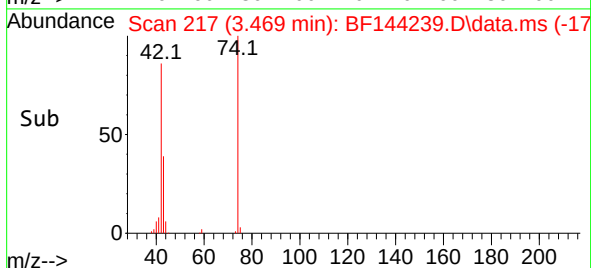
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

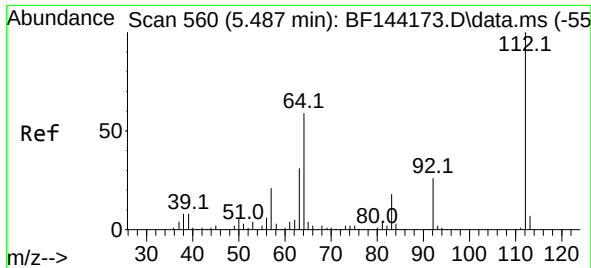


#4
n-Nitrosodimethylamine
Concen: 51.338 ng
RT: 3.469 min Scan# 217
Delta R.T. 0.124 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20



Tgt Ion: 42 Resp: 73511
Ion Ratio Lower Upper
42 100
74 116.8 88.2 132.4
44 7.5 5.7 8.5





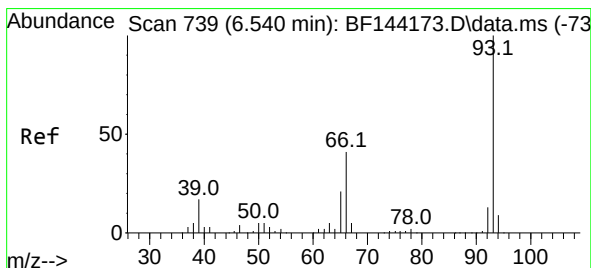
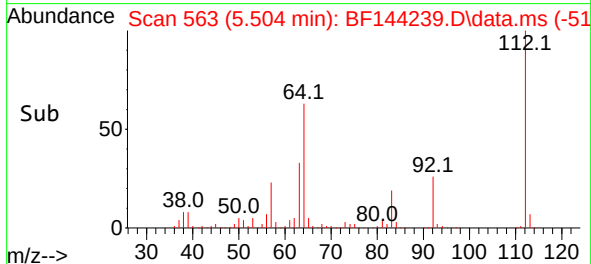
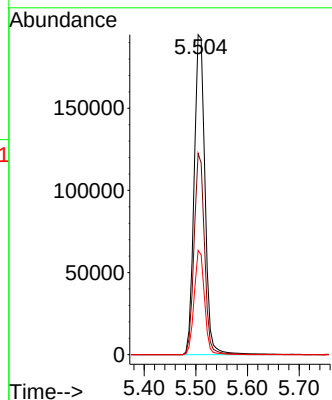
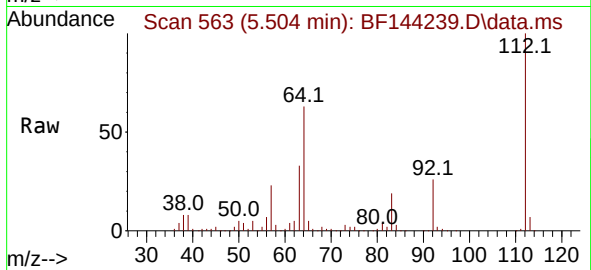
#5
2-Fluorophenol
Concen: 119.857 ng
RT: 5.504 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

Instrument :
BNA_F
ClientSampleId :
S-1MS

Tgt Ion:112 Resp: 284862
Ion Ratio Lower Upper
112 100
64 62.9 47.2 70.8
63 32.5 24.4 36.6

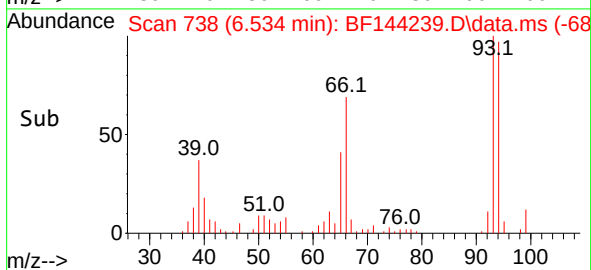
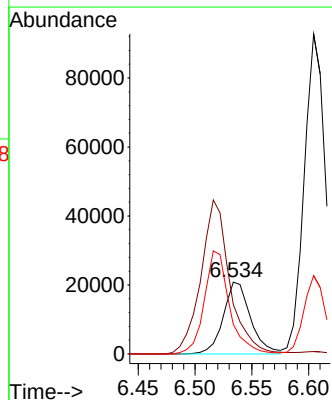
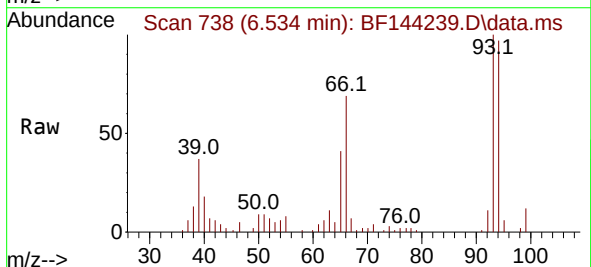
Manual Integrations
APPROVED

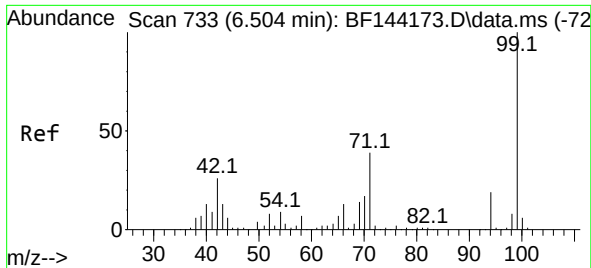
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#6
Aniline
Concen: 9.063 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

Tgt Ion: 93 Resp: 34774
Ion Ratio Lower Upper
93 100
66 68.9 34.3 51.5#
65 41.2 16.9 25.3#





#7

Phenol-d6

Concen: 117.217 ng

RT: 6.504 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF144239.D

Acq: 12 Nov 2025 20:20

Instrument :

BNA_F

ClientSampleId :

S-1MS

Tgt Ion: 99 Resp: 31566

Ion Ratio Lower Upper

99 100

42 26.6 20.9 31.3

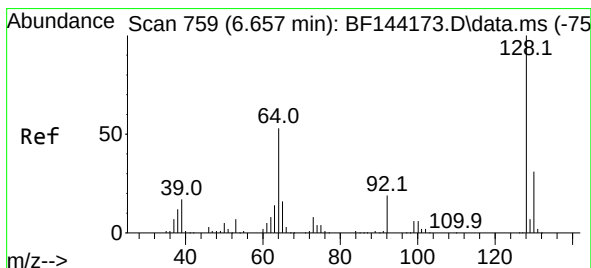
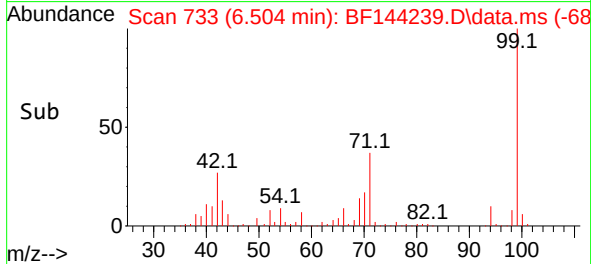
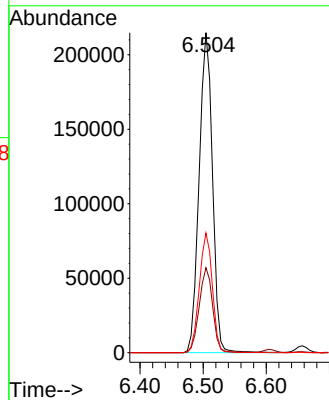
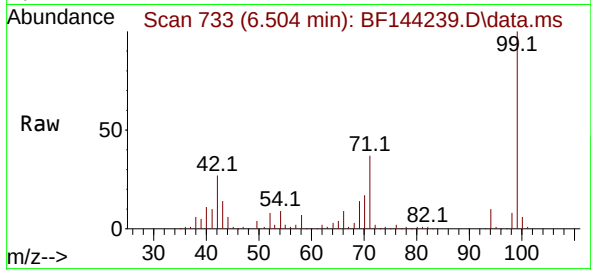
71 37.4 31.4 47.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/13/2025

Supervised By :mohammad ahmed 11/14/2025



#8

2-Chlorophenol

Concen: 47.821 ng

RT: 6.657 min Scan# 759

Delta R.T. -0.000 min

Lab File: BF144239.D

Acq: 12 Nov 2025 20:20

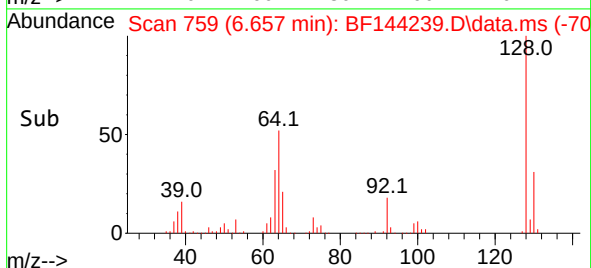
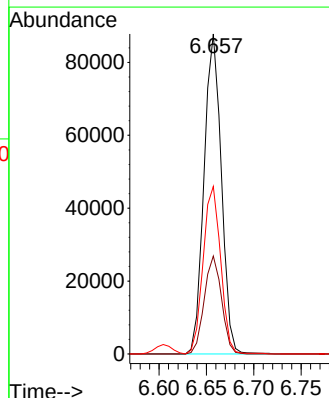
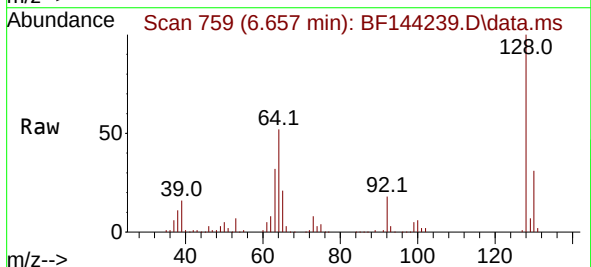
Tgt Ion:128 Resp: 111461

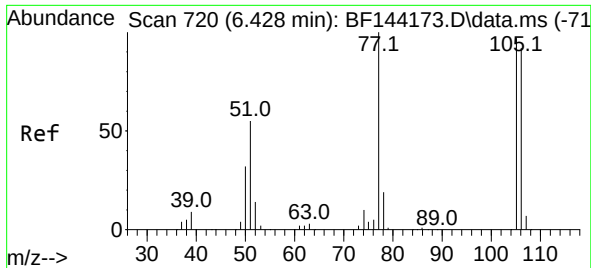
Ion Ratio Lower Upper

128 100

130 30.6 10.5 50.5

64 52.4 33.2 73.2





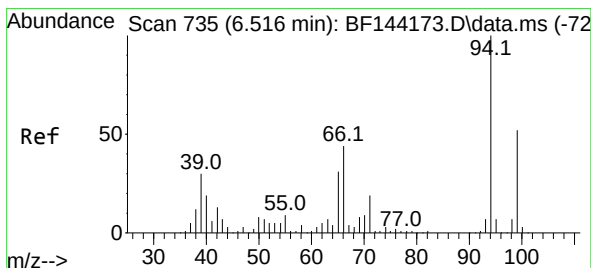
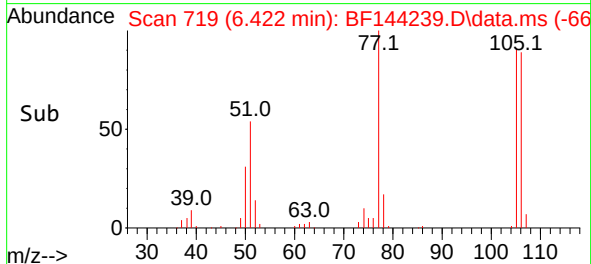
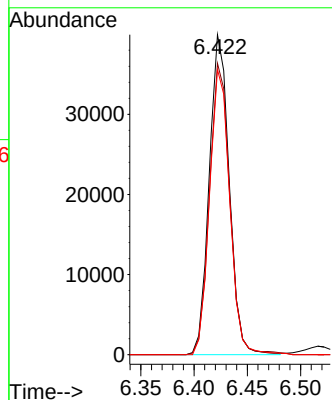
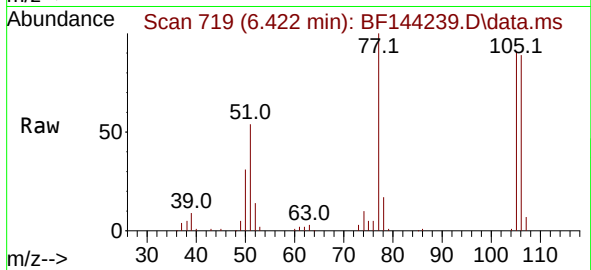
#9
Benzaldehyde
Concen: 34.245 ng
RT: 6.422 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

Instrument :
BNA_F
ClientSampleId :
S-1MS

Tgt Ion: 77 Resp: 52075
Ion Ratio Lower Upper
77 100
105 91.0 77.2 117.2
106 89.1 72.2 112.2

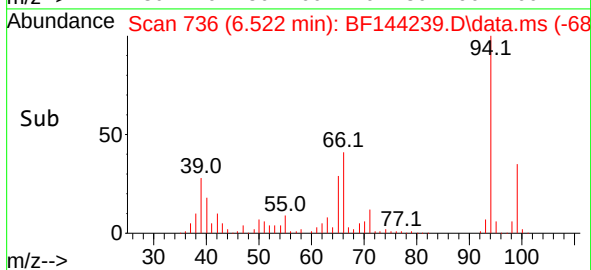
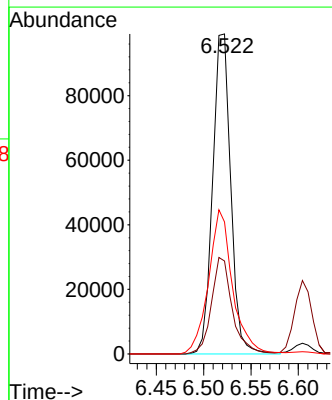
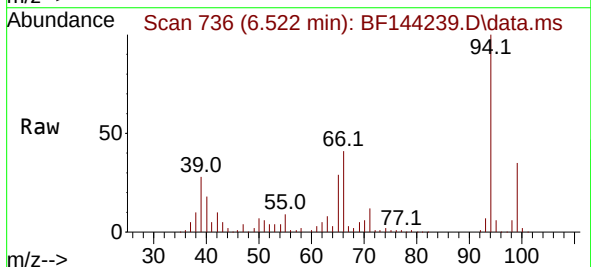
Manual Integrations
APPROVED

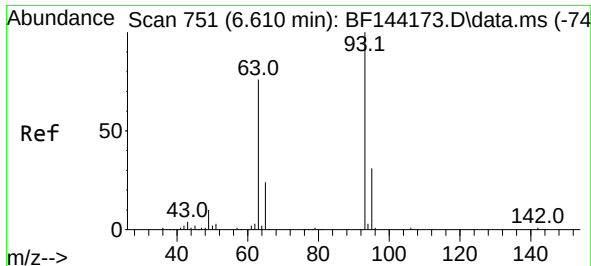
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#10
Phenol
Concen: 40.183 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.012 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

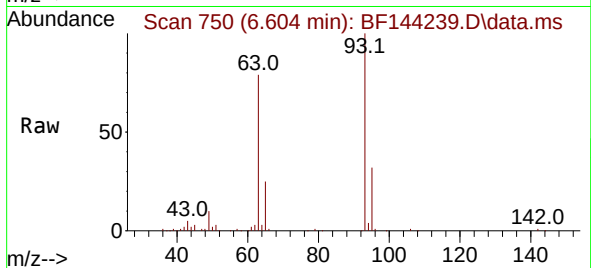
Tgt Ion: 94 Resp: 132212
Ion Ratio Lower Upper
94 100
65 29.1 10.8 50.8
66 41.2 24.3 64.3





#11
bis(2-Chloroethyl)ether
Concen: 49.721 ng
RT: 6.604 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

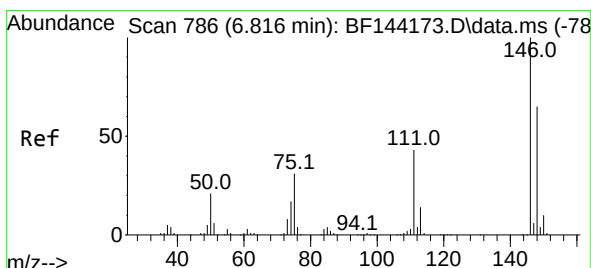
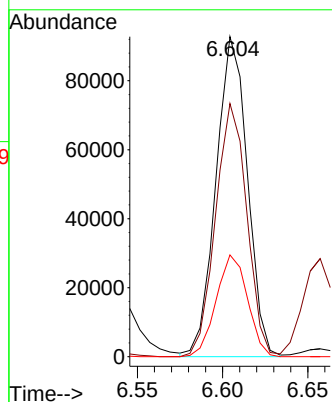
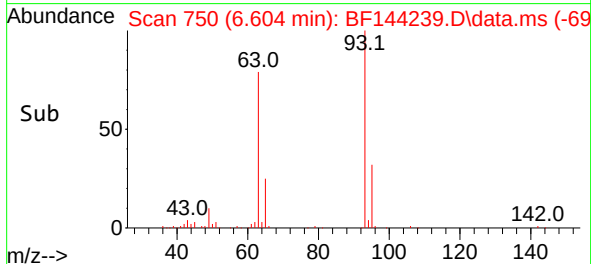
Instrument :
BNA_F
ClientSampleId :
S-1MS



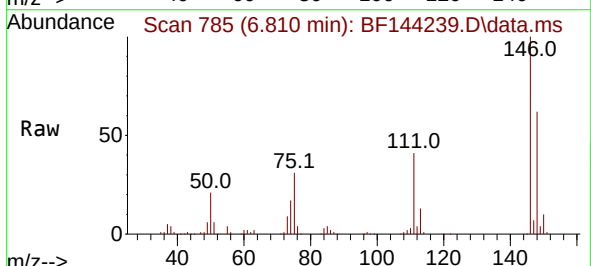
Tgt Ion: 93 Resp: 119204
Ion Ratio Lower Upper
93 100
63 79.1 55.2 95.2
95 31.8 11.2 51.2

Manual Integrations
APPROVED

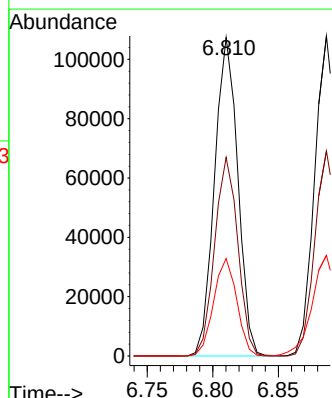
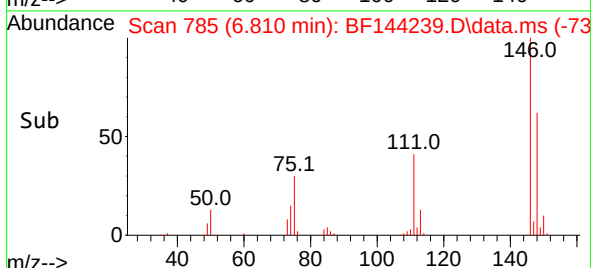
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

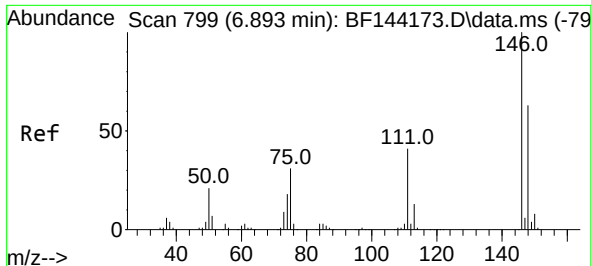


#12
1,3-Dichlorobenzene
Concen: 46.007 ng
RT: 6.810 min Scan# 785
Delta R.T. -0.006 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20



Tgt Ion:146 Resp: 132321
Ion Ratio Lower Upper
146 100
148 62.4 51.8 77.8
75 30.6 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 46.025 ng

RT: 6.887 min Scan# 799

Delta R.T. -0.006 min

Lab File: BF144239.D

Acq: 12 Nov 2025 20:20

Instrument :

BNA_F

ClientSampleId :

S-1MS

Tgt Ion:146 Resp: 132618

Ion Ratio Lower Upper

146 100

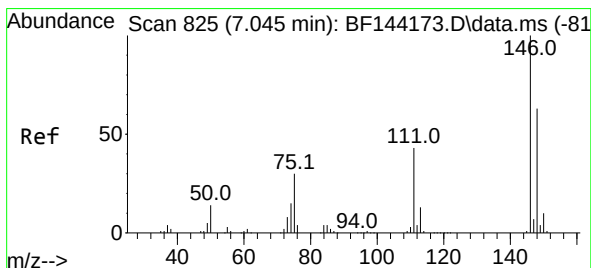
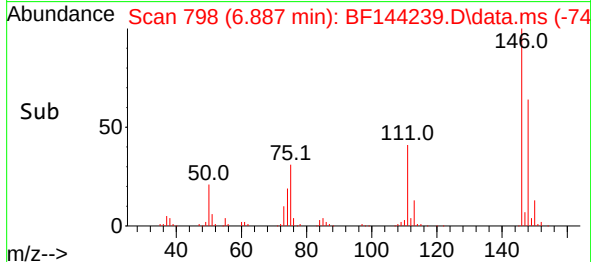
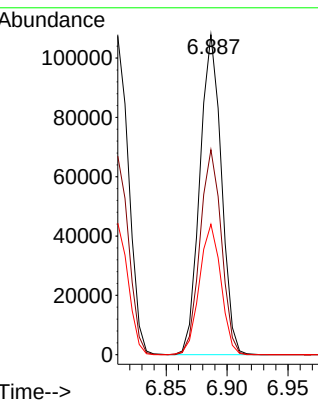
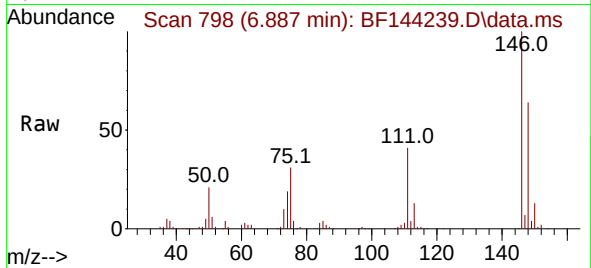
148 64.0 50.2 75.2

111 40.8 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#14

1,2-Dichlorobenzene

Concen: 46.562 ng

RT: 7.040 min Scan# 824

Delta R.T. -0.006 min

Lab File: BF144239.D

Acq: 12 Nov 2025 20:20

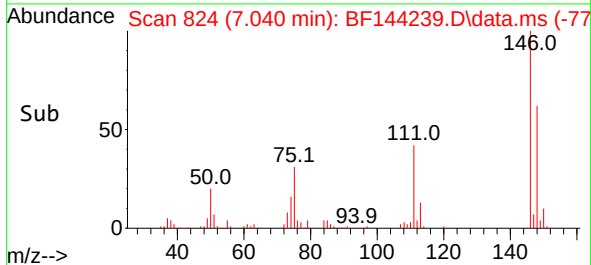
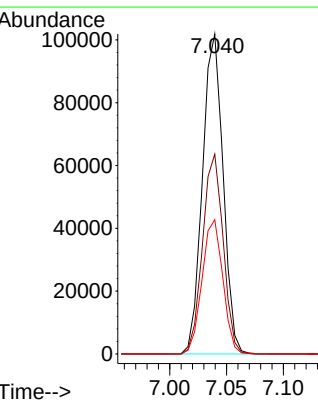
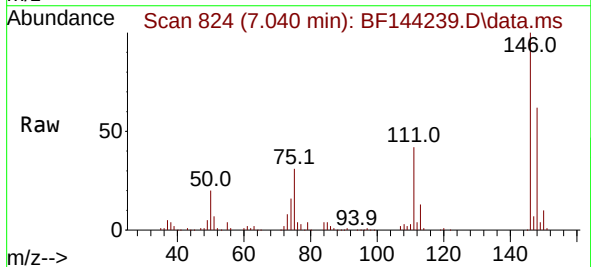
Tgt Ion:146 Resp: 128595

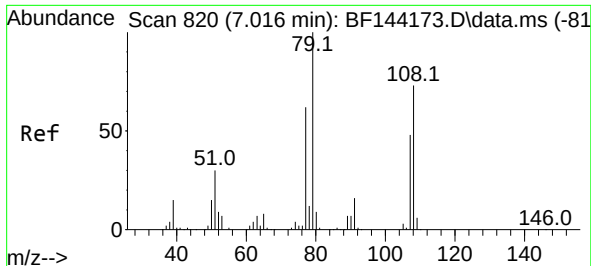
Ion Ratio Lower Upper

146 100

148 62.5 50.7 76.1

111 41.9 34.2 51.4





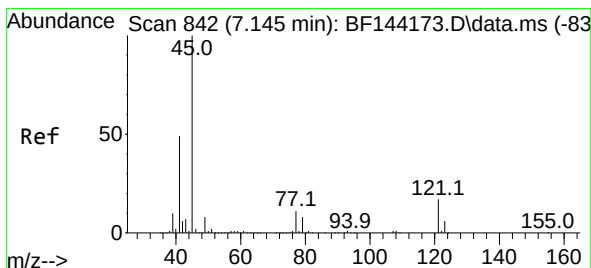
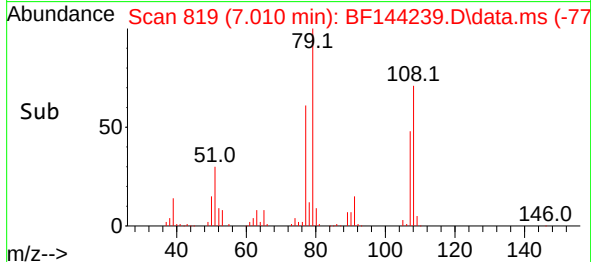
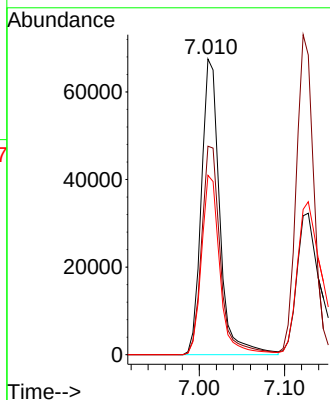
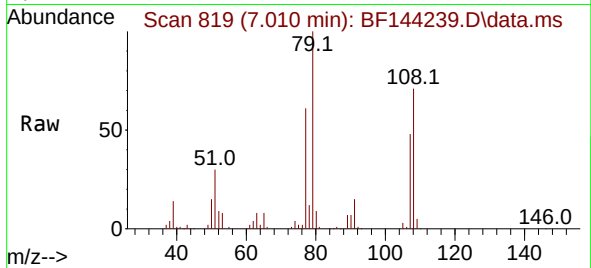
#15
Benzyl Alcohol
Concen: 47.471 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

Instrument :
BNA_F
ClientSampleId :
S-1MS

Tgt Ion: 79 Resp: 101227
Ion Ratio Lower Upper
79 100
108 70.5 58.2 87.4
77 60.6 49.9 74.9

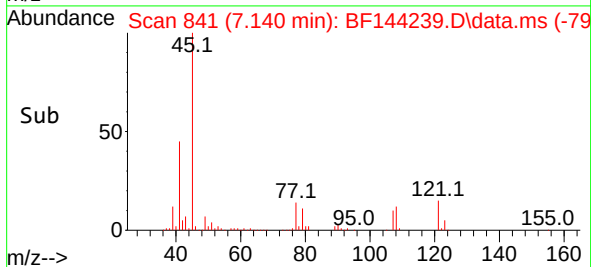
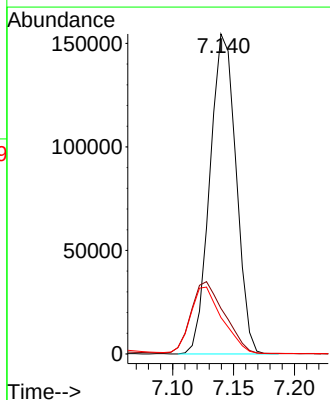
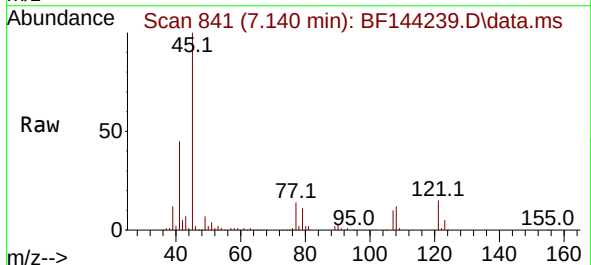
Manual Integrations
APPROVED

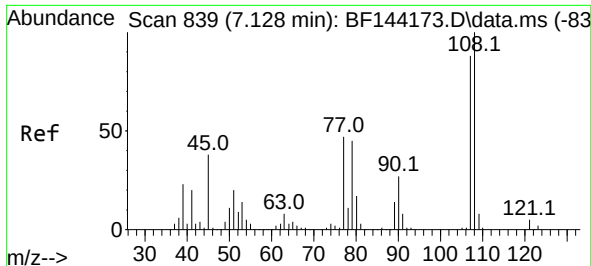
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.385 ng
RT: 7.140 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

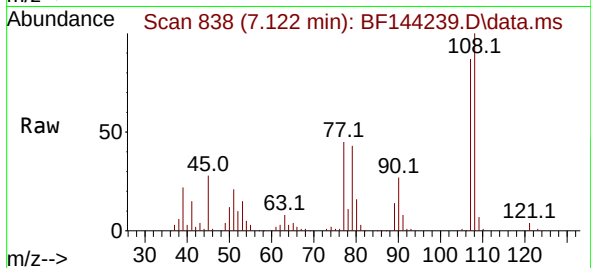
Tgt Ion: 45 Resp: 231277
Ion Ratio Lower Upper
45 100
77 14.3 0.0 31.8
79 11.4 0.0 29.1





#17
2-Methylphenol
Concen: 48.289 ng
RT: 7.122 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

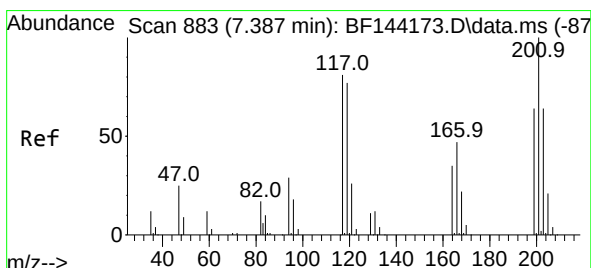
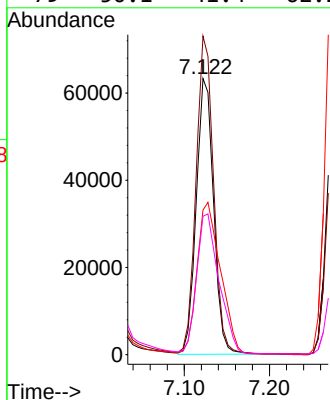
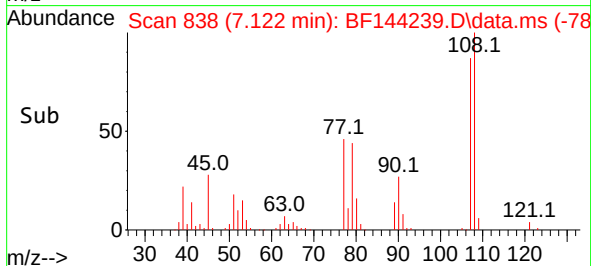
Instrument :
BNA_F
ClientSampleId :
S-1MS



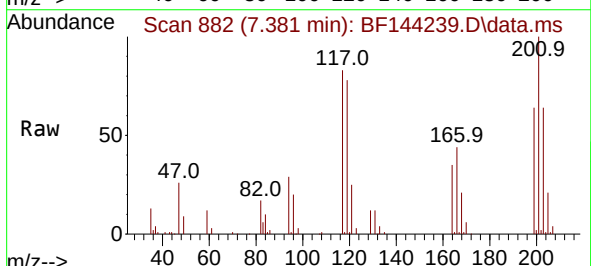
Tgt Ion:107 Resp: 89539
Ion Ratio Lower Upper
107 100
108 115.4 91.0 136.4
77 52.4 42.7 64.1
79 50.1 41.4 62.2

Manual Integrations
APPROVED

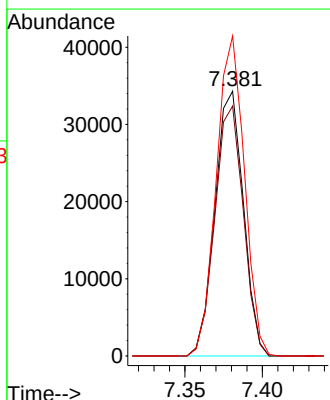
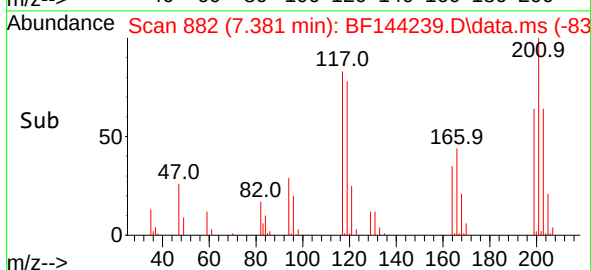
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

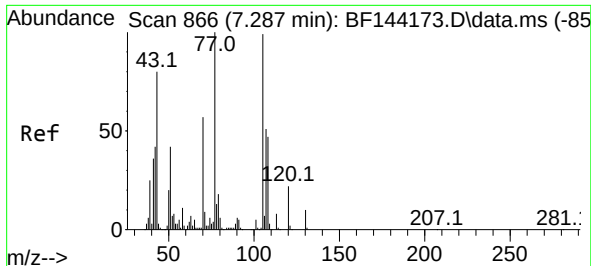


#18
Hexachloroethane
Concen: 45.838 ng
RT: 7.381 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20



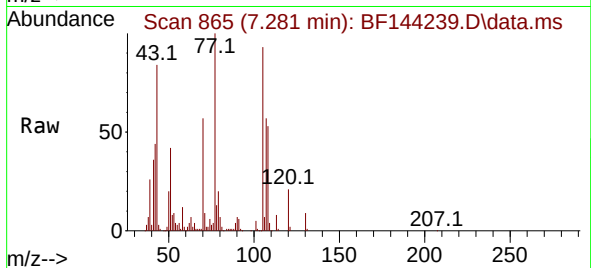
Tgt Ion:117 Resp: 43880
Ion Ratio Lower Upper
117 100
119 94.4 75.8 113.8
201 120.9 98.9 148.3





#19
n-Nitroso-di-n-propylamine
Concen: 49.124 ng
RT: 7.281 min Scan# 865
Delta R.T. 0.006 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

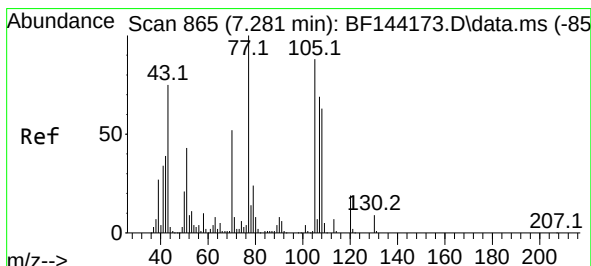
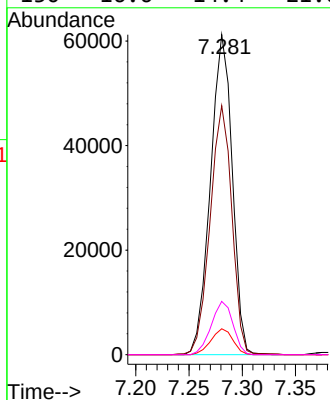
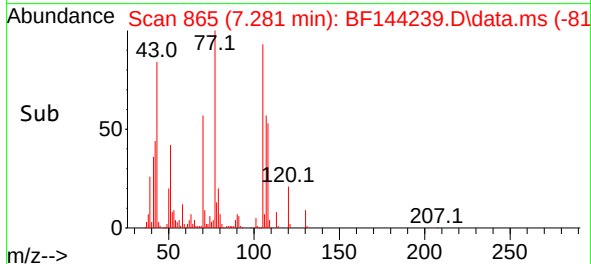
Instrument :
BNA_F
ClientSampleId :
S-1MS



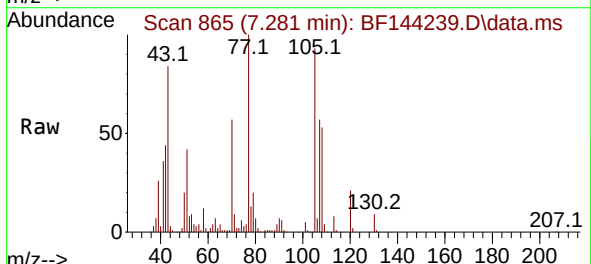
Tgt Ion: 70 Resp: 87080
Ion Ratio Lower Upper
70 100
42 77.8 58.3 87.5
101 8.1 7.0 10.6
130 16.6 14.4 21.6

Manual Integrations
APPROVED

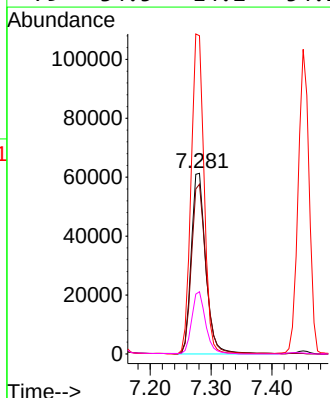
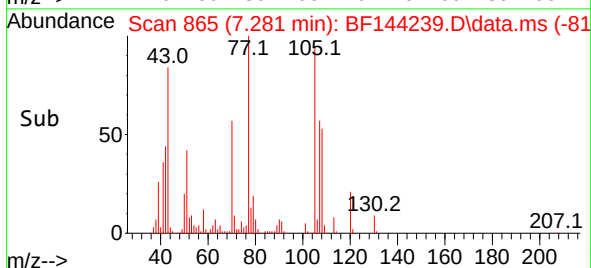
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

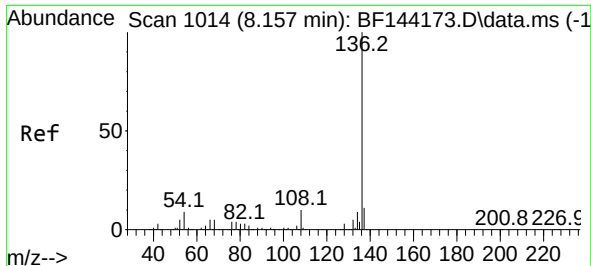


#20
3+4-Methylphenols
Concen: 46.484 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20



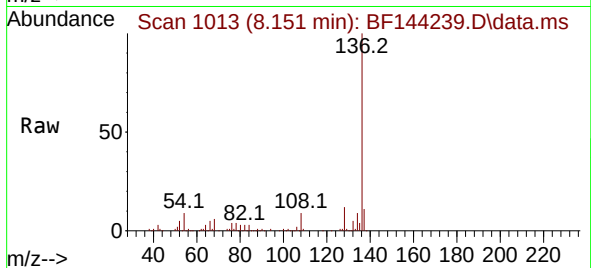
Tgt Ion:107 Resp: 101605
Ion Ratio Lower Upper
107 100
108 93.9 70.2 110.2
77 176.2 123.9 163.9#
79 34.5 14.2 54.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

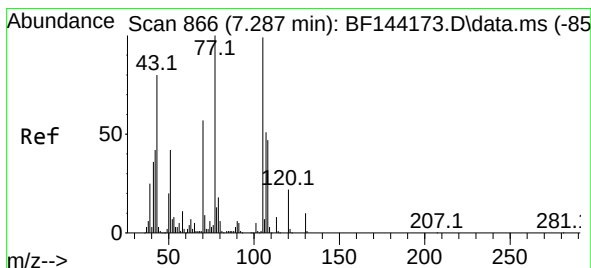
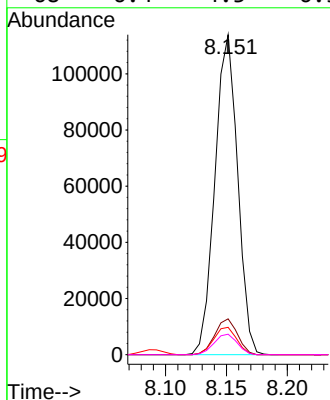
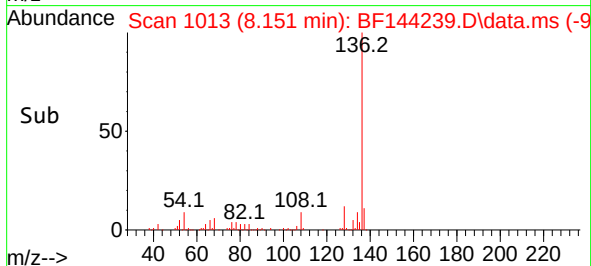
Instrument :
BNA_F
ClientSampleId :
S-1MS



Tgt Ion:136 Resp: 147944
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.6 7.0 10.6
68 6.4 4.3 6.5

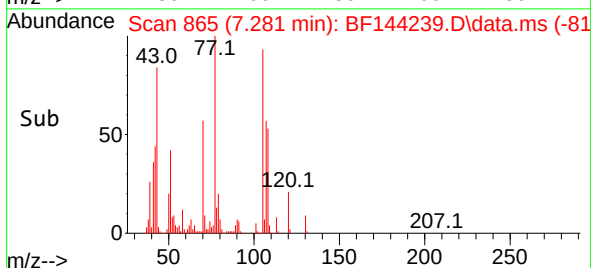
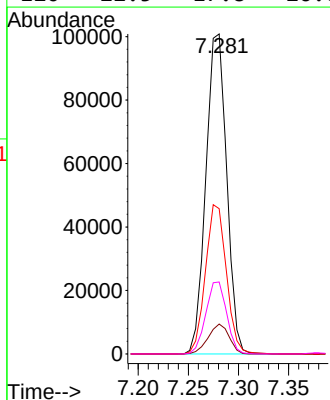
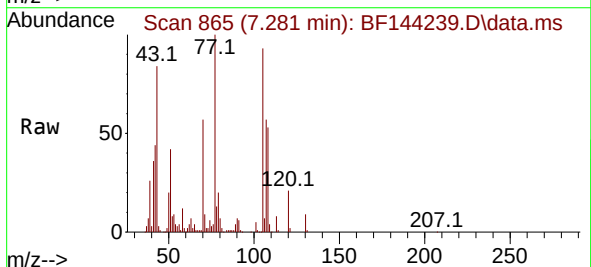
Manual Integrations
APPROVED

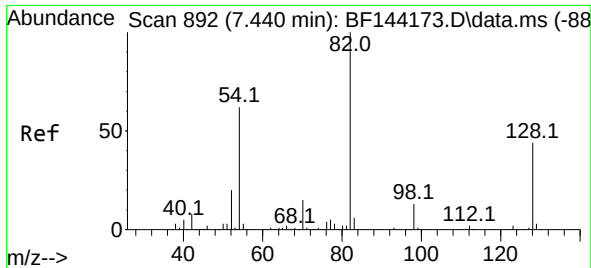
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#22
Acetophenone
Concen: 45.962 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.000 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

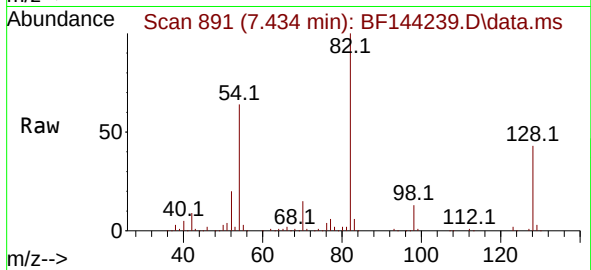
Tgt Ion:105 Resp: 145871
Ion Ratio Lower Upper
105 100
71 9.4 7.2 10.8
51 45.4 34.0 51.0
120 22.5 17.8 26.6





#23
Nitrobenzene-d5
Concen: 89.562 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

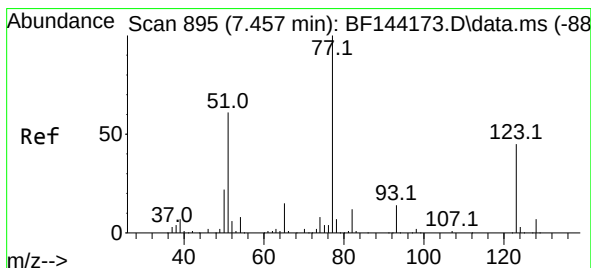
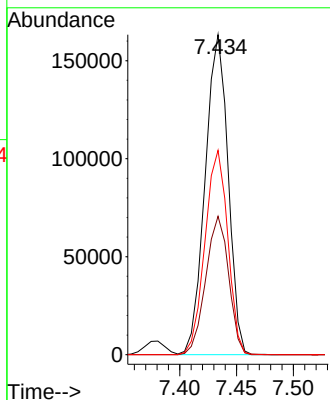
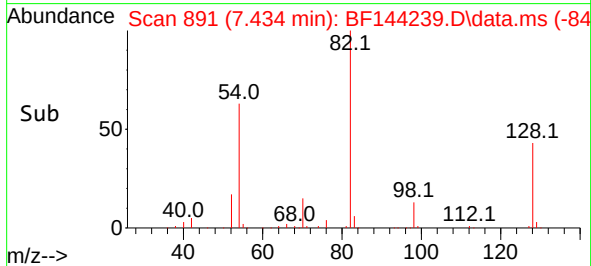
Instrument :
BNA_F
ClientSampleId :
S-1MS



Tgt Ion: 82 Resp: 22942
Ion Ratio Lower Upper
82 100
128 43.3 34.7 52.1
54 63.9 49.5 74.3

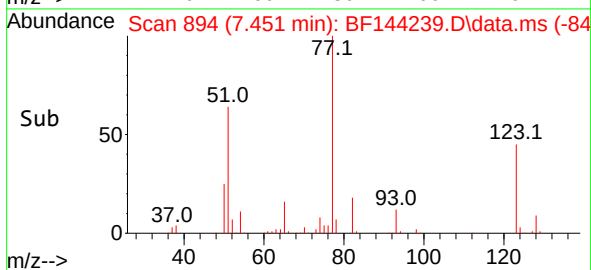
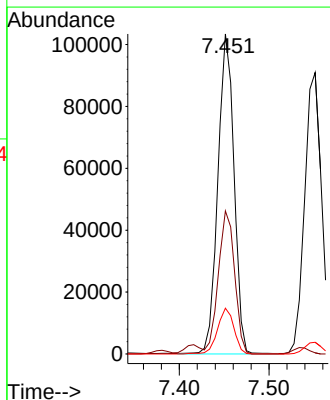
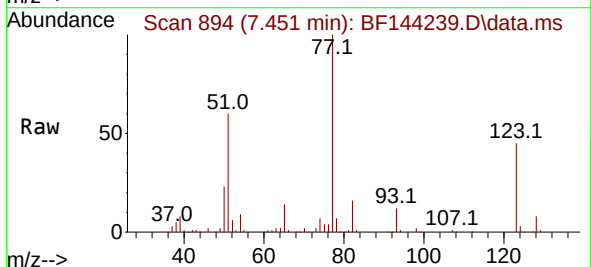
Manual Integrations
APPROVED

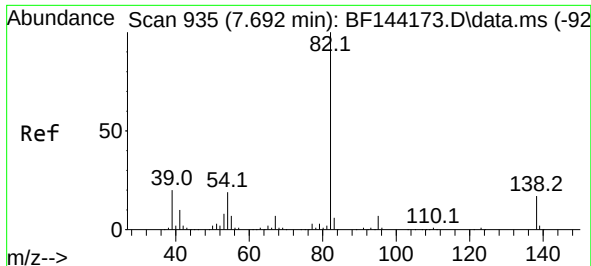
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#24
Nitrobenzene
Concen: 46.573 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

Tgt Ion: 77 Resp: 129533
Ion Ratio Lower Upper
77 100
123 44.7 35.8 53.8
65 14.3 12.2 18.2





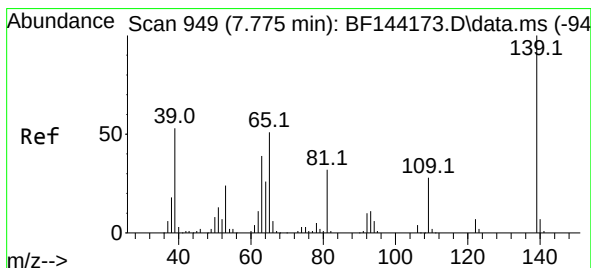
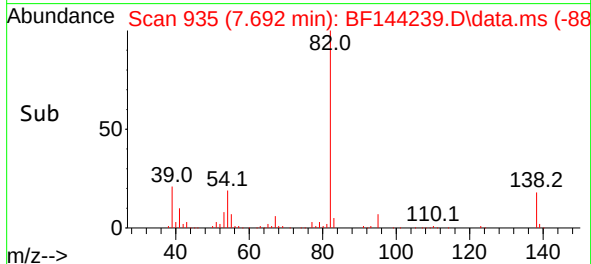
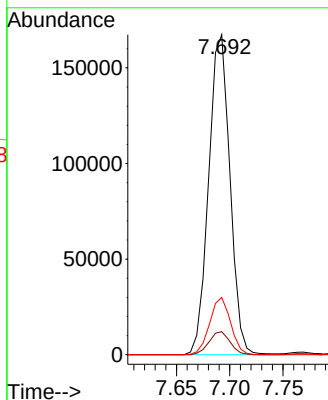
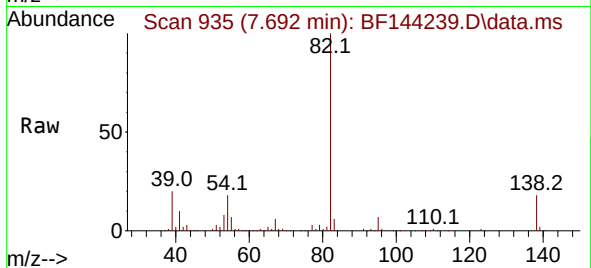
#25
Isophorone
Concen: 48.075 ng
RT: 7.692 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

Instrument :
BNA_F
ClientSampleId :
S-1MS

Tgt Ion: 82 Resp: 23293
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 17.9 13.7 20.5

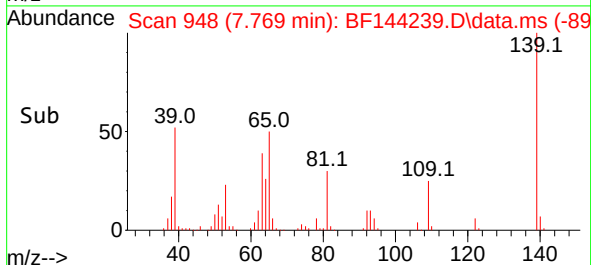
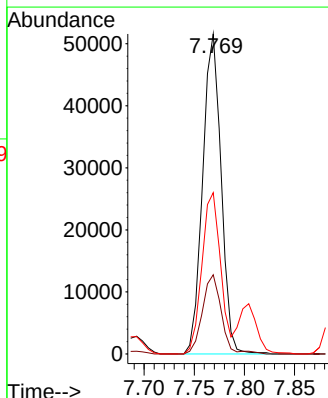
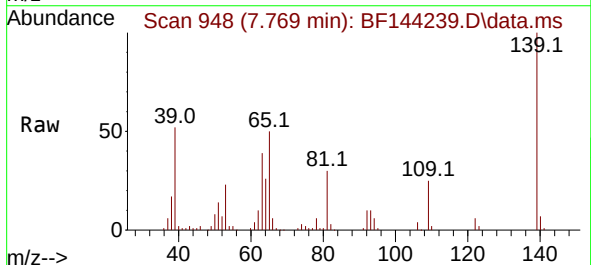
Manual Integrations
APPROVED

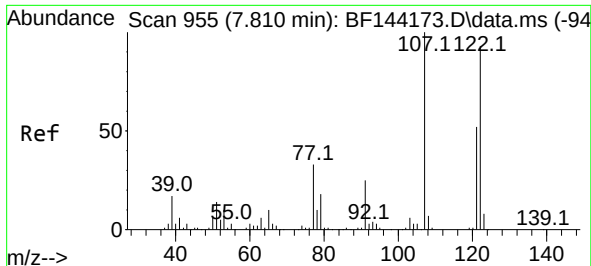
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#26
2-Nitrophenol
Concen: 48.144 ng
RT: 7.769 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

Tgt Ion:139 Resp: 66284
Ion Ratio Lower Upper
139 100
109 24.7 22.2 33.2
65 50.4 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 52.401 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF144239.D

Acq: 12 Nov 2025 20:20

Instrument :

BNA_F

ClientSampleId :

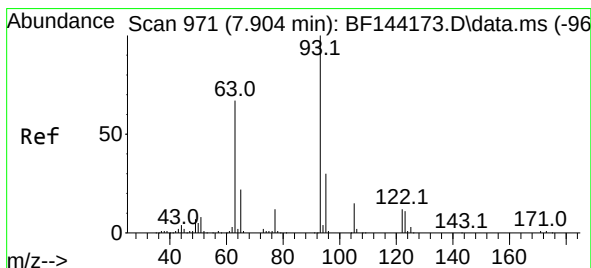
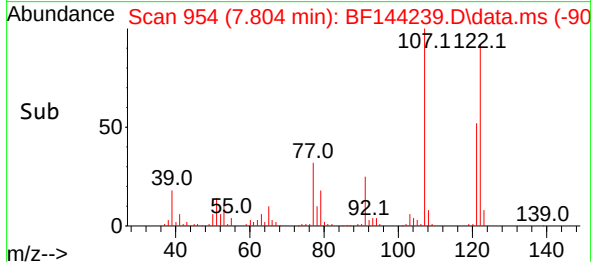
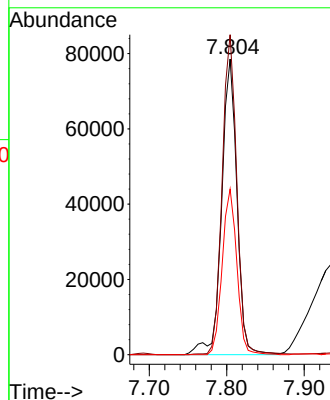
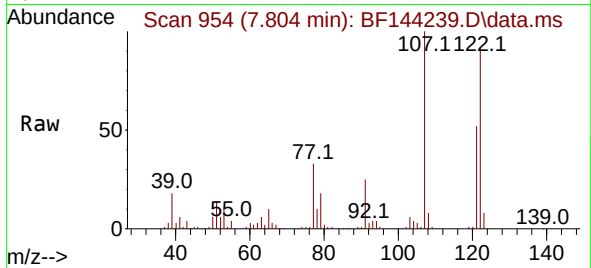
S-1MS

Tgt Ion:122 Resp: 108134
 Ion Ratio Lower Upper
 122 100
 107 108.2 86.2 129.4
 121 56.0 44.6 66.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/13/2025
 Supervised By :mohammad ahmed 11/14/2025



#28

bis(2-Chloroethoxy)methane

Concen: 49.046 ng

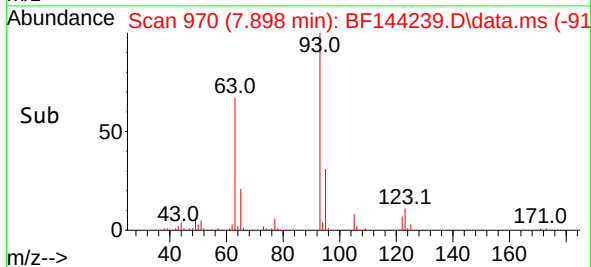
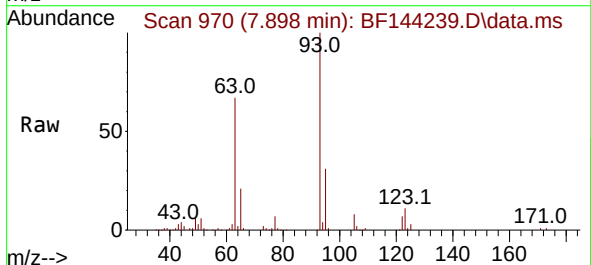
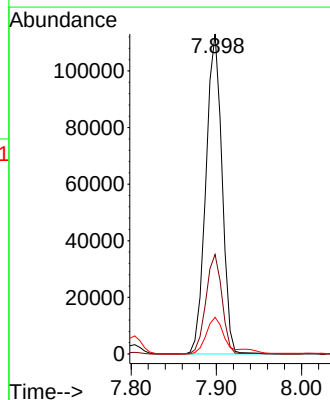
RT: 7.898 min Scan# 970

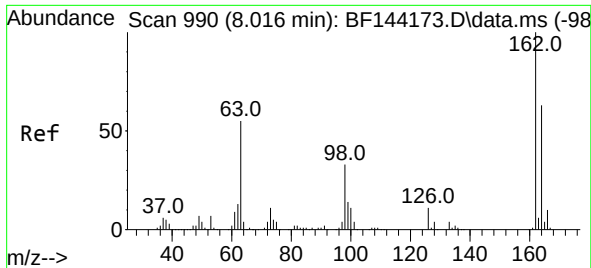
Delta R.T. -0.000 min

Lab File: BF144239.D

Acq: 12 Nov 2025 20:20

Tgt Ion: 93 Resp: 148399
 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: 44.868 ng

RT: 8.010 min Scan# 990

Delta R.T. -0.006 min

Lab File: BF144239.D

Acq: 12 Nov 2025 20:20

Instrument :

BNA_F

ClientSampleId :

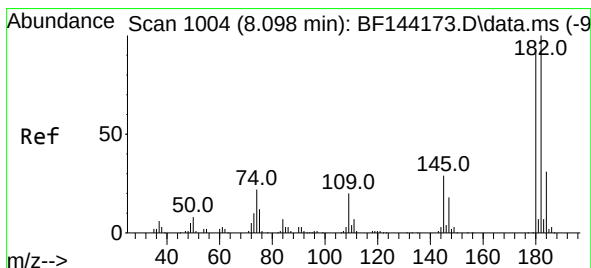
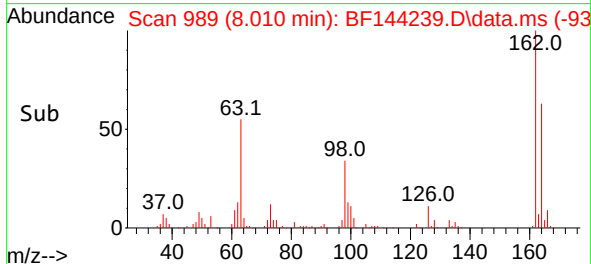
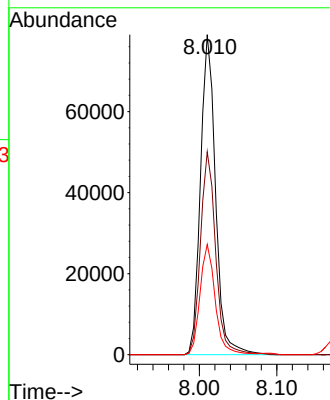
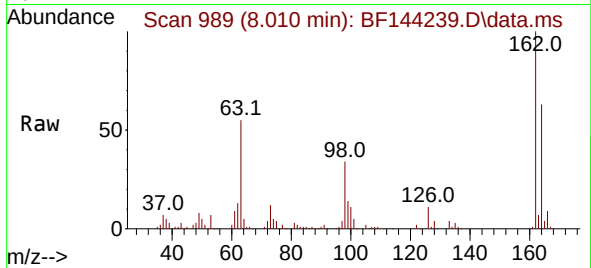
S-1MS

Tgt Ion:	162	Resp:	10671
Ion Ratio	Lower	Upper	
162	100		
164	63.4	42.9	82.9
98	34.5	13.3	53.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#30

1,2,4-Trichlorobenzene

Concen: 45.954 ng

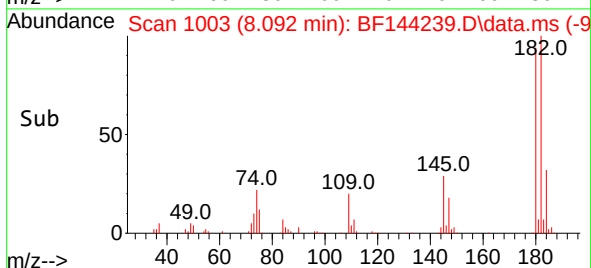
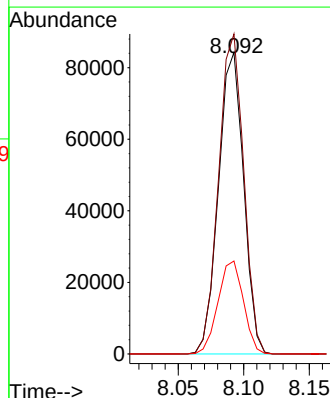
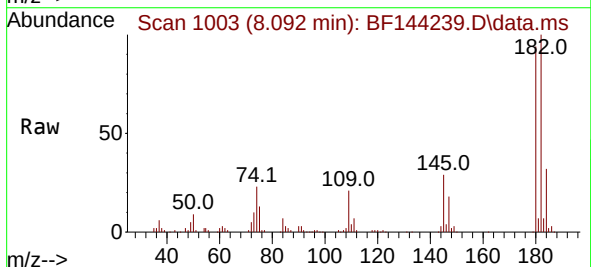
RT: 8.092 min Scan# 1003

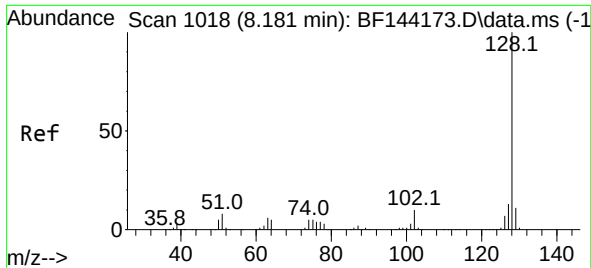
Delta R.T. -0.006 min

Lab File: BF144239.D

Acq: 12 Nov 2025 20:20

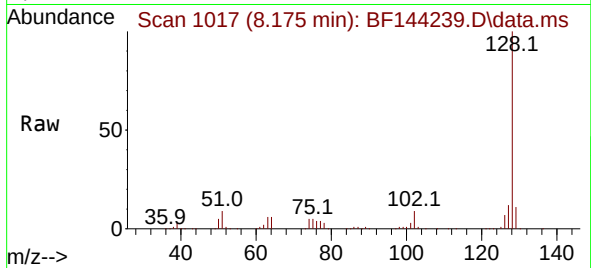
Tgt Ion:	180	Resp:	112232
Ion Ratio	Lower	Upper	
180	100		
182	106.1	87.7	131.5
145	30.8	25.4	38.0





#31
Naphthalene
Concen: 45.559 ng
RT: 8.175 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

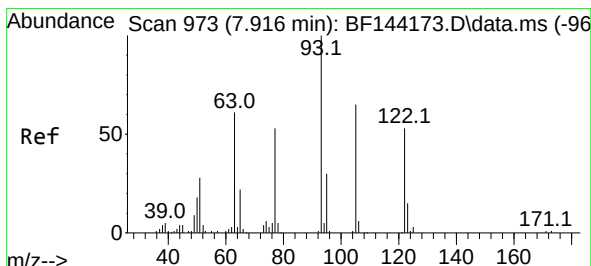
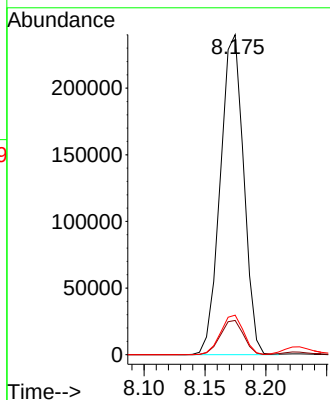
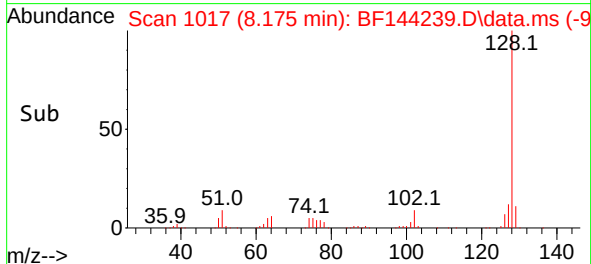
Instrument :
BNA_F
ClientSampleId :
S-1MS



Tgt Ion:128 Resp: 320624
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 12.3 10.3 15.5

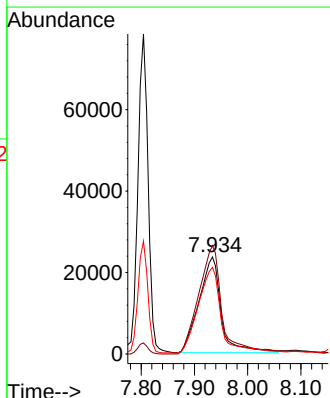
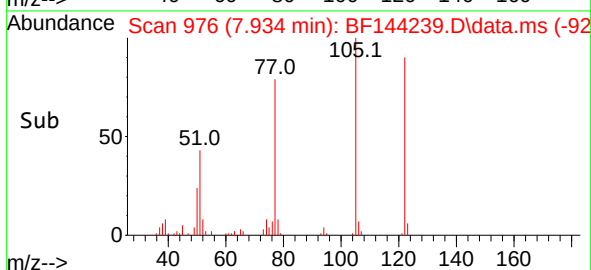
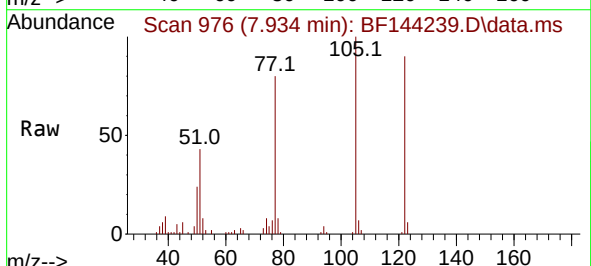
Manual Integrations
APPROVED

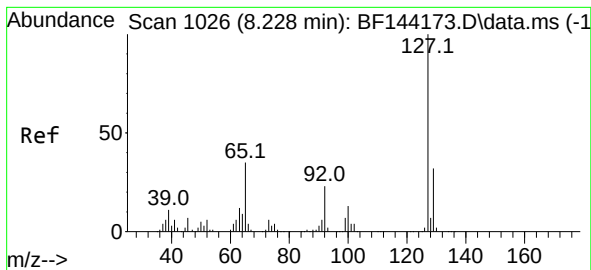
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#32
Benzoic acid
Concen: 45.124 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.018 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

Tgt Ion:122 Resp: 68255
Ion Ratio Lower Upper
122 100
105 111.7 99.9 139.9
77 89.3 77.5 117.5





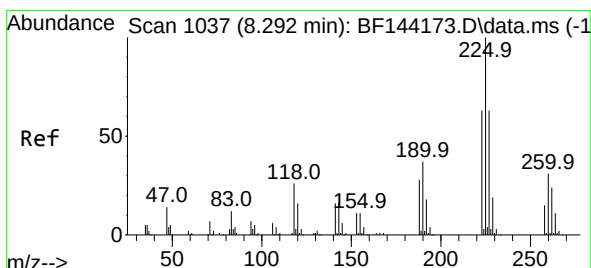
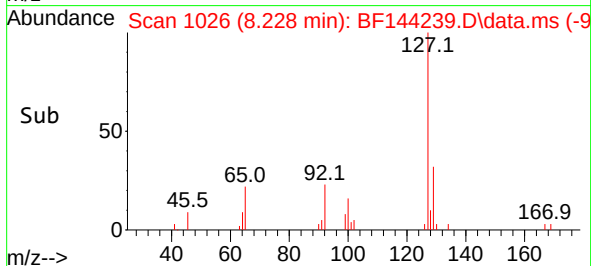
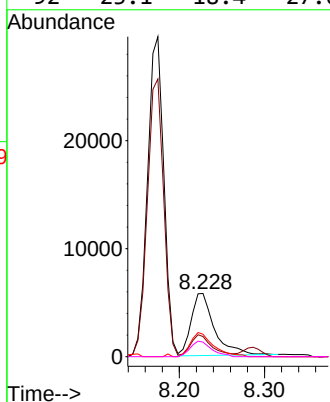
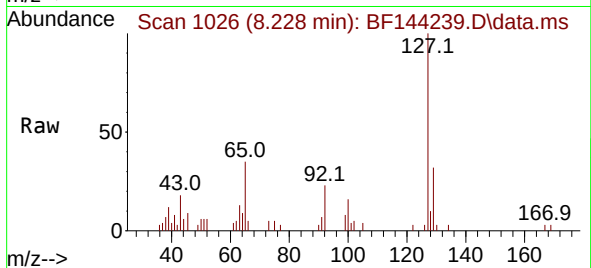
#33
4-Chloroaniline
Concen: 4.254 ng
RT: 8.228 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

Instrument :
BNA_F
ClientSampleId :
S-1MS

Tgt Ion:127	Resp:	10918
Ion Ratio	Lower	Upper
127	100	
129	32.0	25.3 37.9
65	35.4	27.6 41.4
92	23.1	18.4 27.6

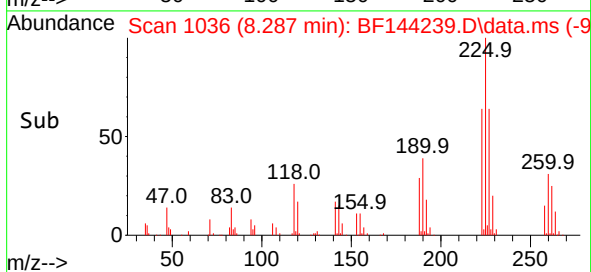
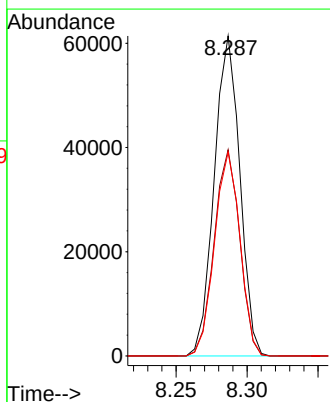
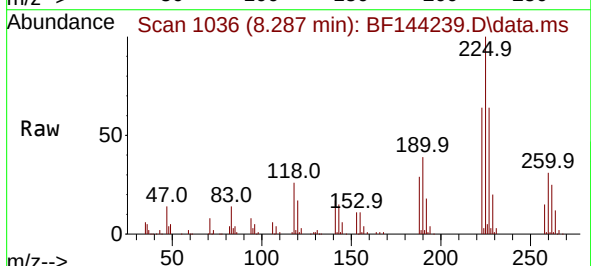
Manual Integrations
APPROVED

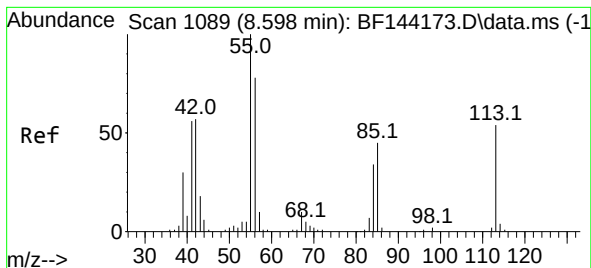
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#34
Hexachlorobutadiene
Concen: 41.792 ng
RT: 8.287 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

Tgt Ion:225	Resp:	76923
Ion Ratio	Lower	Upper
225	100	
223	64.4	50.2 75.4
227	63.7	50.1 75.1





#35

Caprolactam

Concen: 42.819 ng m

RT: 8.592 min Scan# 1088

Delta R.T. -0.029 min

Lab File: BF144239.D

Acq: 12 Nov 2025 20:20

Instrument :

BNA_F

ClientSampleId :

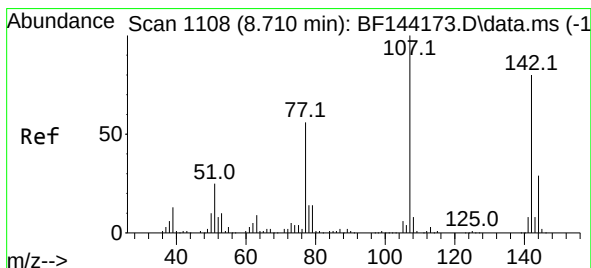
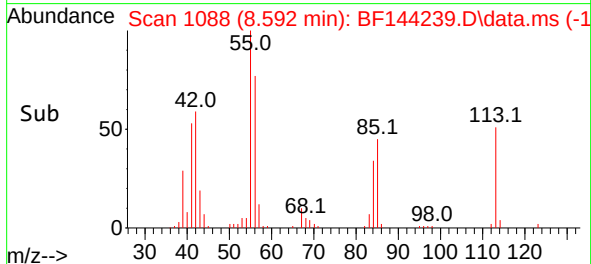
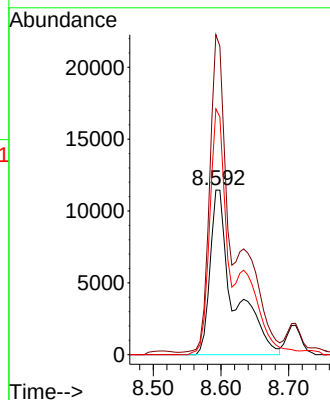
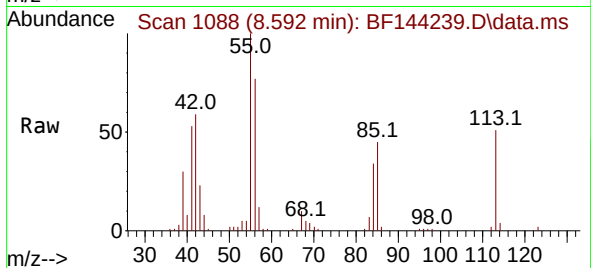
S-1MS

Tgt Ion:113	Resp:	2790
Ion Ratio	Lower	Upper
113	100	
55	194.4	166.8 206.8
56	149.3	125.9 165.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#36

4-Chloro-3-methylphenol

Concen: 46.234 ng

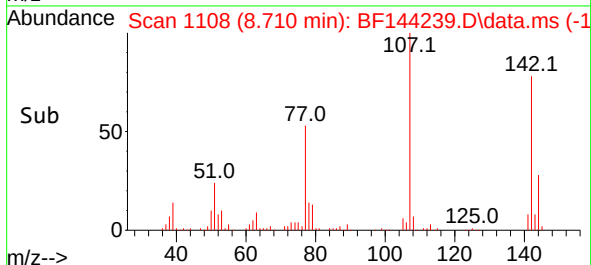
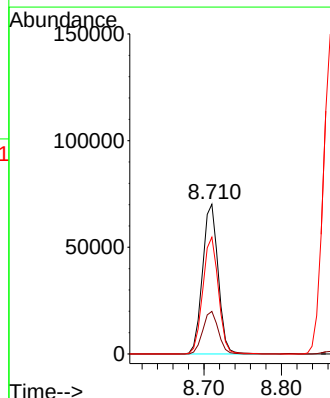
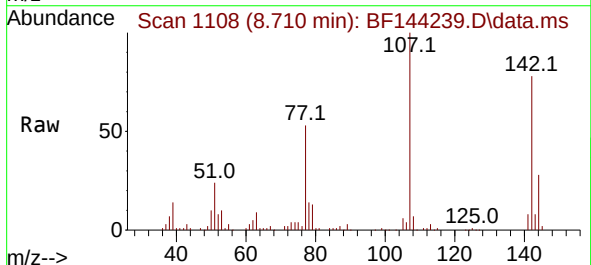
RT: 8.710 min Scan# 1108

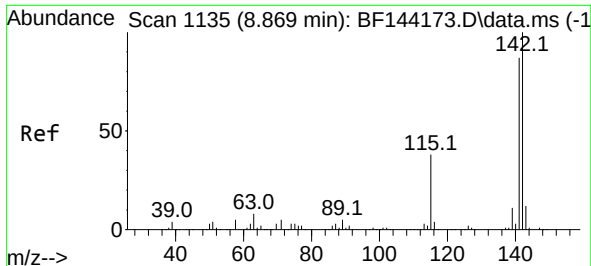
Delta R.T. 0.006 min

Lab File: BF144239.D

Acq: 12 Nov 2025 20:20

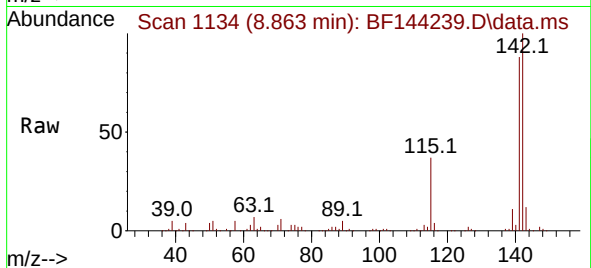
Tgt Ion:107	Resp:	98550
Ion Ratio	Lower	Upper
107	100	
144	28.5	23.3 34.9
142	77.9	63.8 95.6





#37
2-Methylnaphthalene
Concen: 41.406 ng
RT: 8.863 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

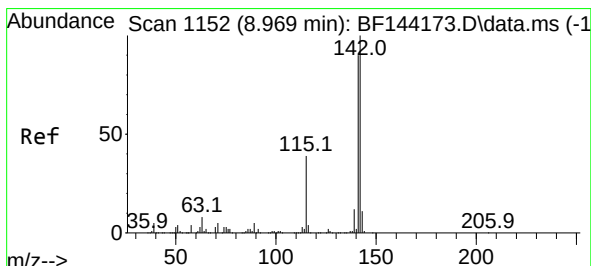
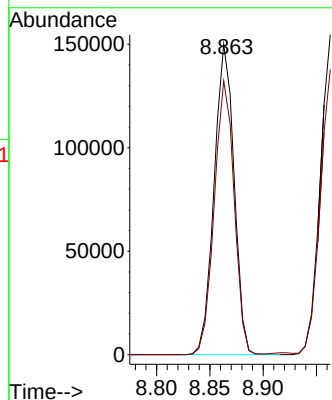
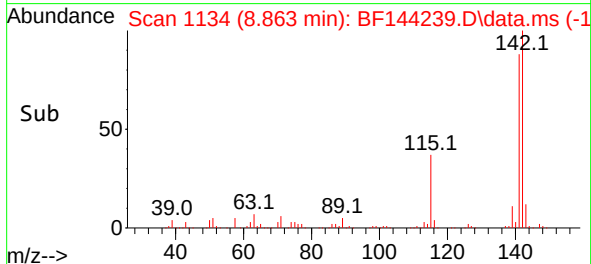
Instrument :
BNA_F
ClientSampleId :
S-1MS



Tgt Ion:142 Resp: 19482
Ion Ratio Lower Upper
142 100
141 88.2 69.9 104.9

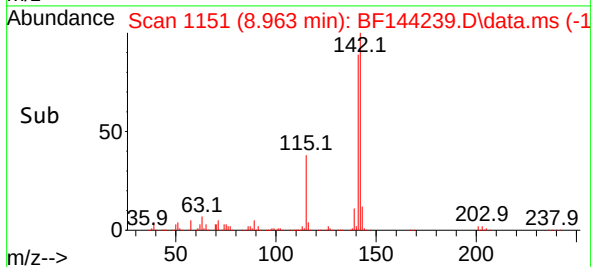
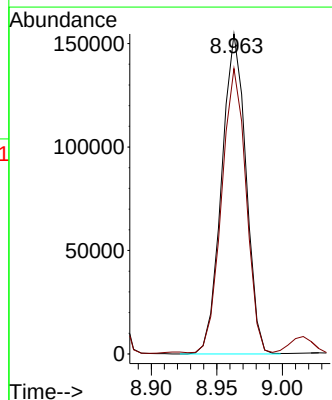
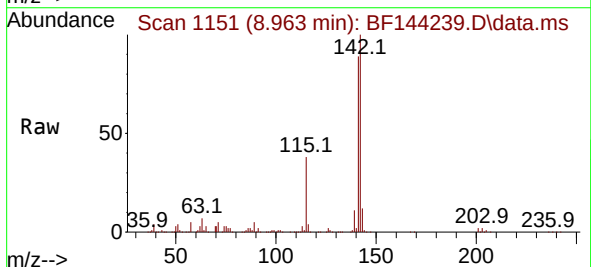
Manual Integrations
APPROVED

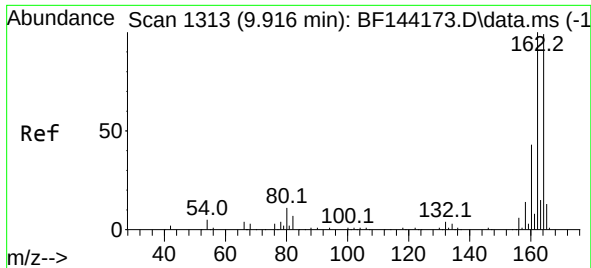
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#38
1-Methylnaphthalene
Concen: 43.958 ng
RT: 8.963 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

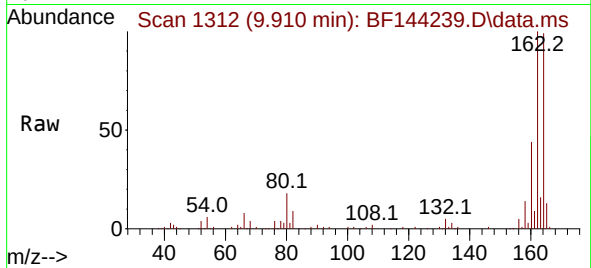
Tgt Ion:142 Resp: 199570
Ion Ratio Lower Upper
142 100
141 89.2 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

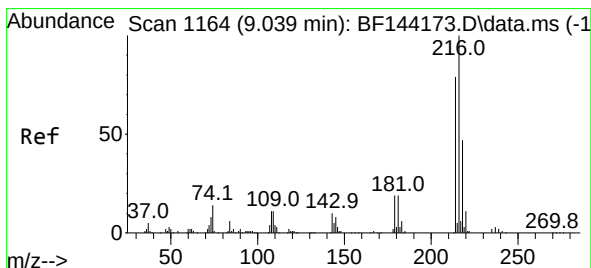
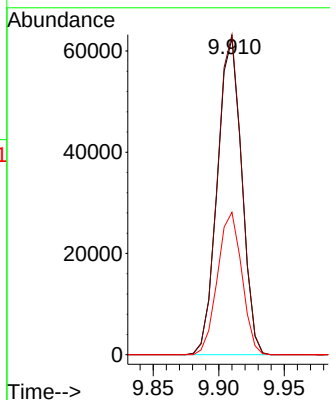
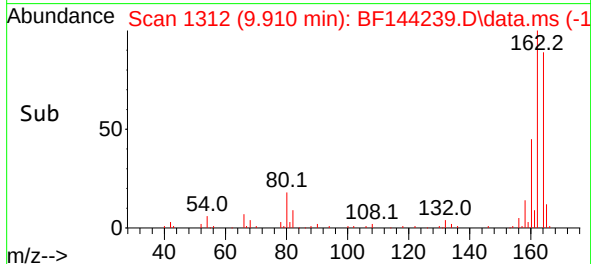
Instrument :
BNA_F
ClientSampleId :
S-1MS



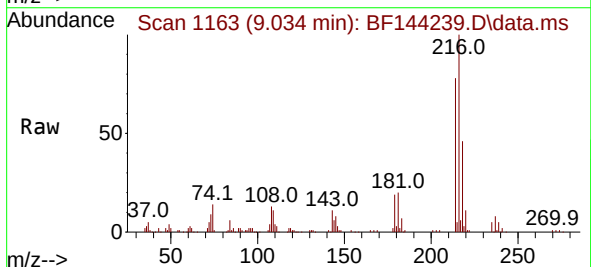
Tgt Ion:164 Resp: 8045
Ion Ratio Lower Upper
164 100
162 101.2 81.1 121.7
160 45.0 34.5 51.7

Manual Integrations
APPROVED

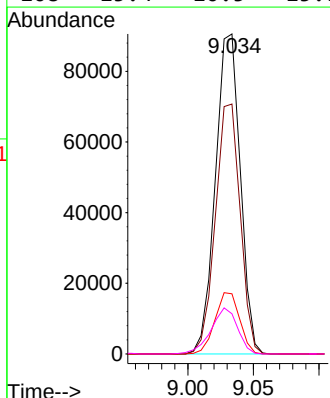
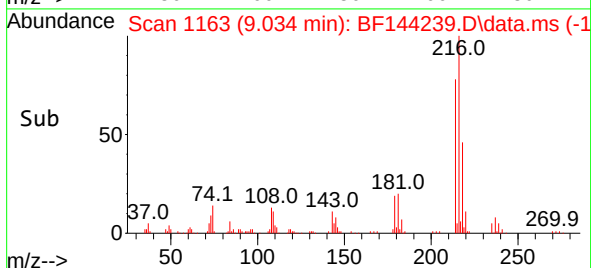
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

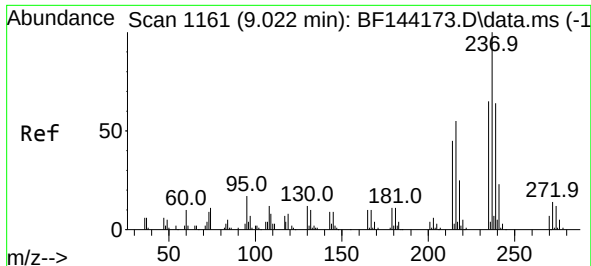


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.296 ng
RT: 9.034 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20



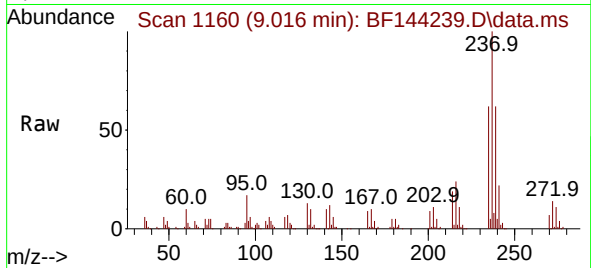
Tgt Ion:216 Resp: 119433
Ion Ratio Lower Upper
216 100
214 77.8 63.4 95.2
179 19.0 15.0 22.4
108 15.4 10.5 15.7





#41
Hexachlorocyclopentadiene
Concen: 97.445 ng
RT: 9.016 min Scan# 1160
Delta R.T. -0.012 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

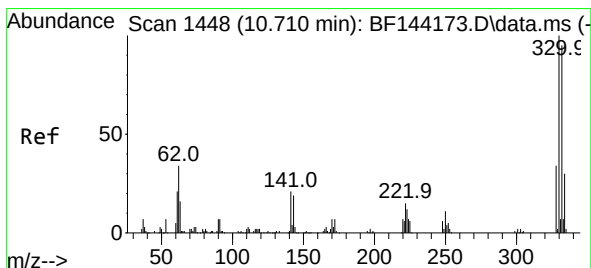
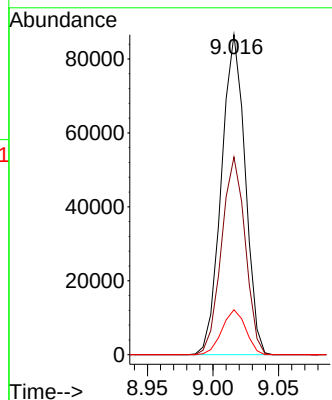
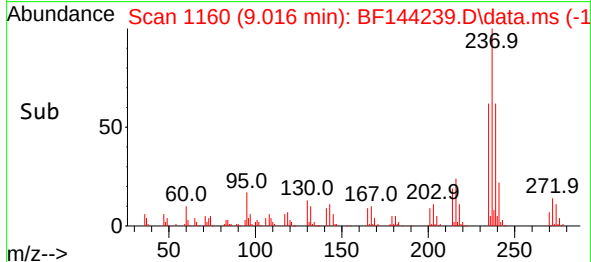
Instrument :
BNA_F
ClientSampleId :
S-1MS



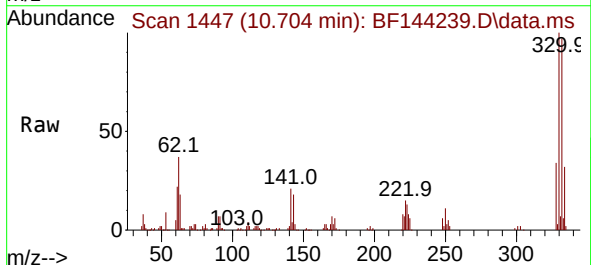
Tgt Ion:237 Resp: 108990
Ion Ratio Lower Upper
237 100
235 61.8 45.5 85.5
272 14.0 0.0 33.5

Manual Integrations
APPROVED

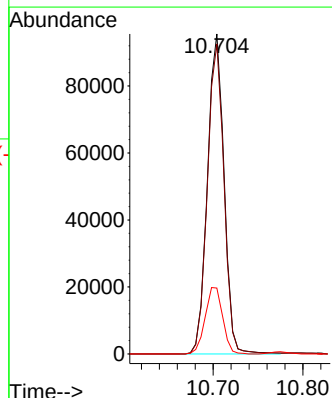
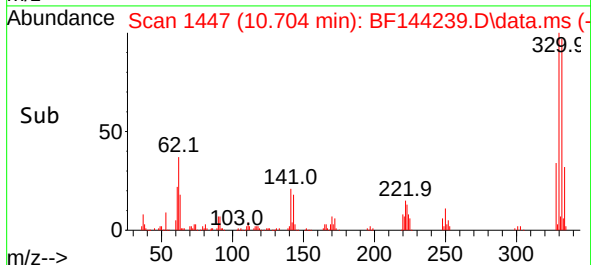
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

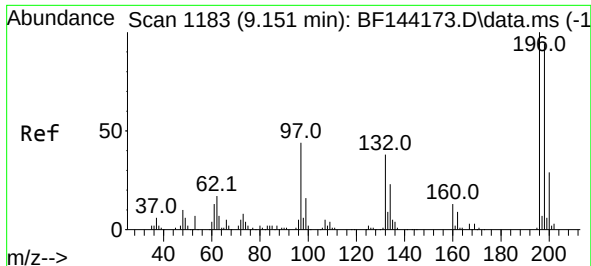


#42
2,4,6-Tribromophenol
Concen: 121.787 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20



Tgt Ion:330 Resp: 122955
Ion Ratio Lower Upper
330 100
332 96.8 76.7 115.1
141 21.9 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 46.189 ng

RT: 9.145 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF144239.D

Acq: 12 Nov 2025 20:20

Instrument :

BNA_F

ClientSampleId :

S-1MS

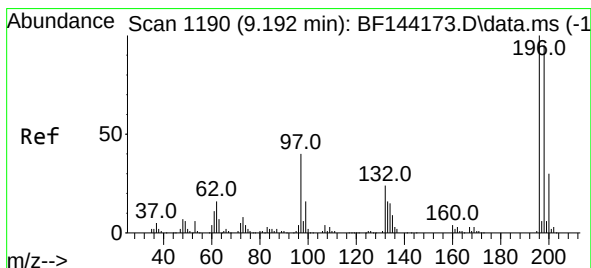
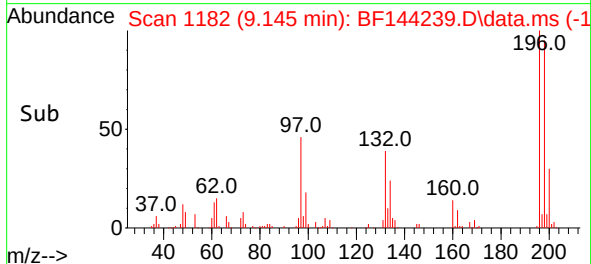
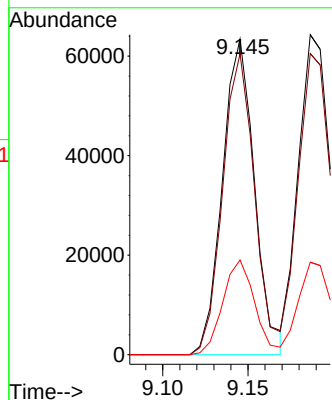
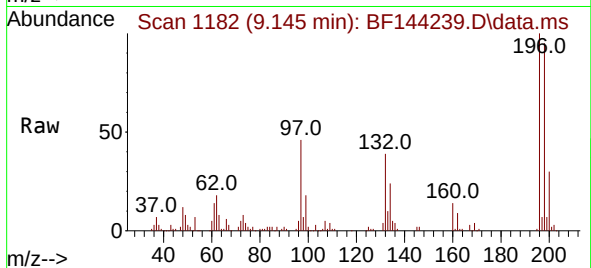
Tgt Ion:196 Resp: 8289

Ion	Ratio	Lower	Upper
196	100		
198	95.3	75.3	112.9
200	30.0	23.4	35.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#44

2,4,5-Trichlorophenol

Concen: 45.426 ng

RT: 9.187 min Scan# 1189

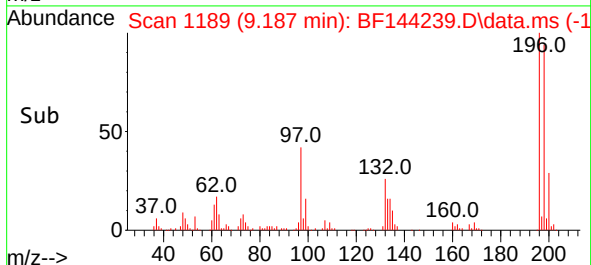
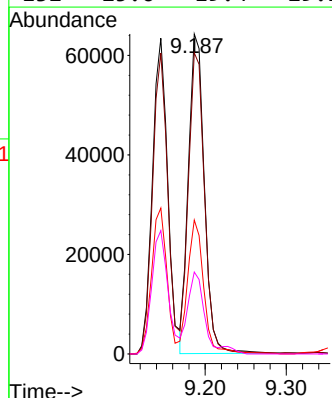
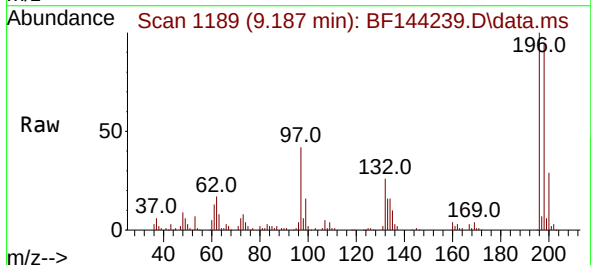
Delta R.T. -0.006 min

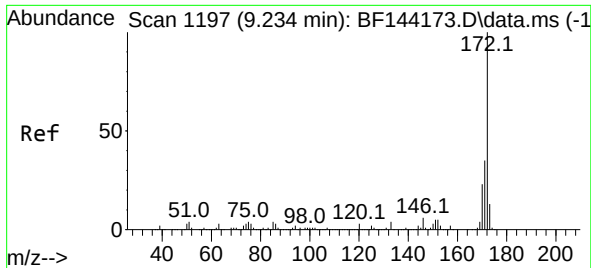
Lab File: BF144239.D

Acq: 12 Nov 2025 20:20

Tgt Ion:196 Resp: 87862

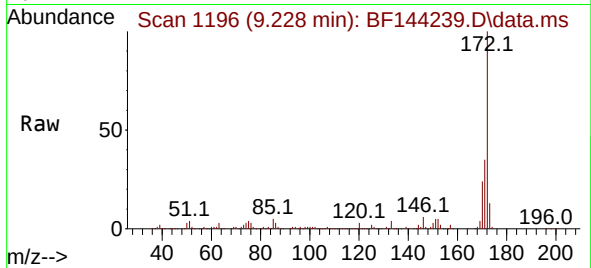
Ion	Ratio	Lower	Upper
196	100		
198	94.1	76.1	114.1
97	41.8	31.9	47.9
132	25.6	19.4	29.2





#45
2-Fluorobiphenyl
Concen: 82.878 ng
RT: 9.228 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

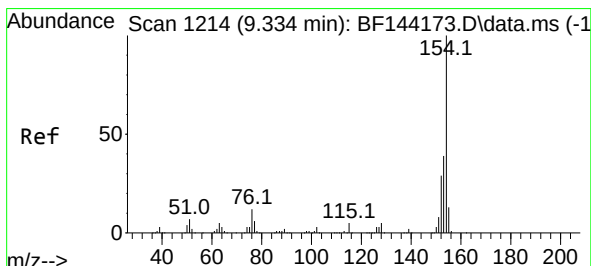
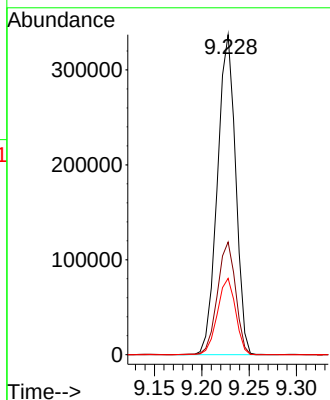
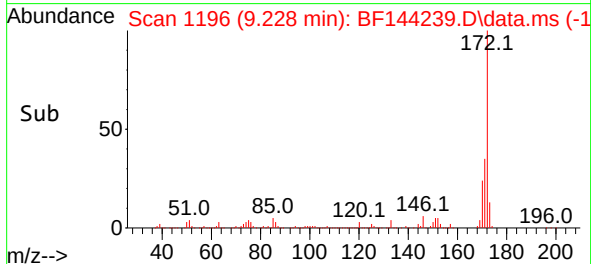
Instrument :
BNA_F
ClientSampleId :
S-1MS



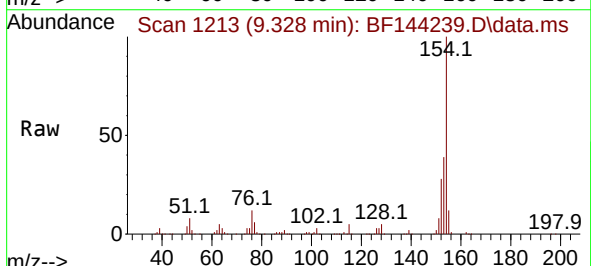
Tgt Ion:172 Resp: 451462
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.9 18.6 28.0

Manual Integrations
APPROVED

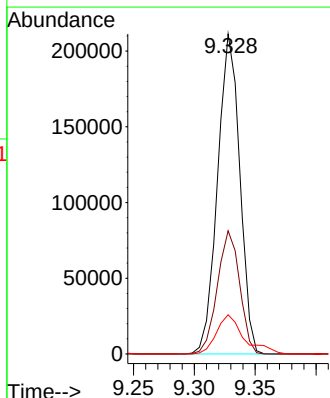
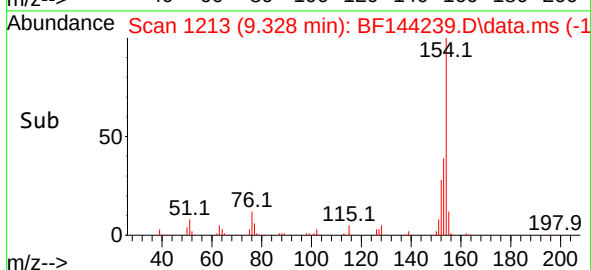
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

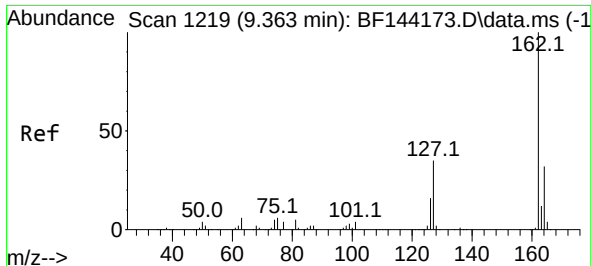


#46
1,1'-Biphenyl
Concen: 47.725 ng
RT: 9.328 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20



Tgt Ion:154 Resp: 268019
Ion Ratio Lower Upper
154 100
153 38.5 19.2 59.2
76 12.3 0.0 31.8





#47

2-Chloronaphthalene

Concen: 46.220 ng

RT: 9.357 min Scan# 1218

Delta R.T. -0.000 min

Lab File: BF144239.D

Acq: 12 Nov 2025 20:20

Instrument :

BNA_F

ClientSampleId :

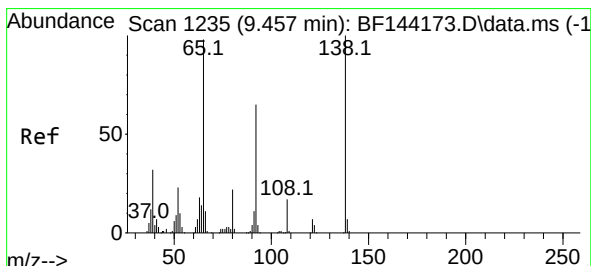
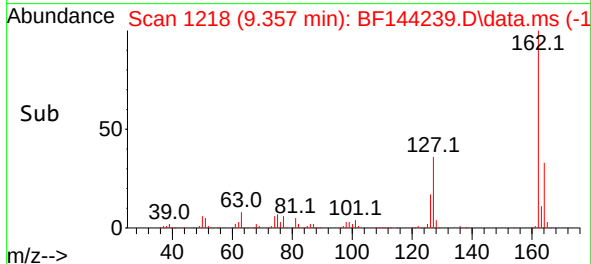
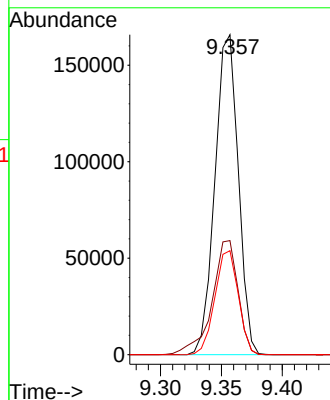
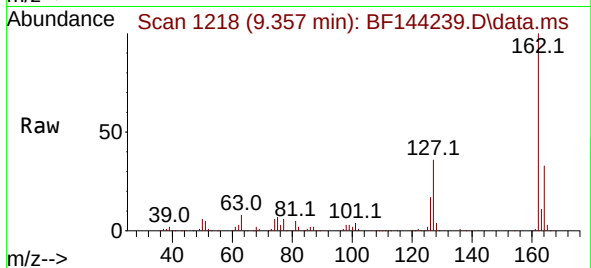
S-1MS

Tgt Ion:	162	Resp:	22141
Ion Ratio	Lower	Upper	
162	100		
127	35.6	28.8	43.2
164	32.5	25.8	38.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#48

2-Nitroaniline

Concen: 47.000 ng

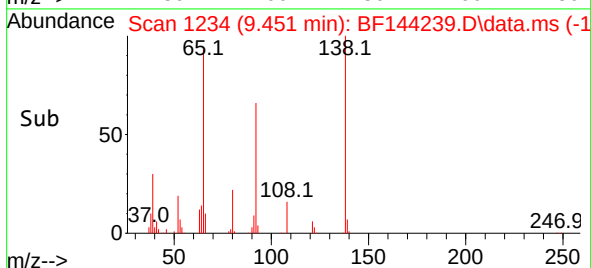
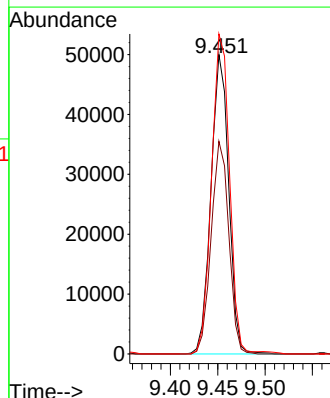
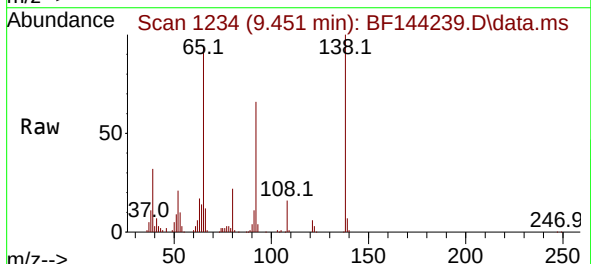
RT: 9.451 min Scan# 1234

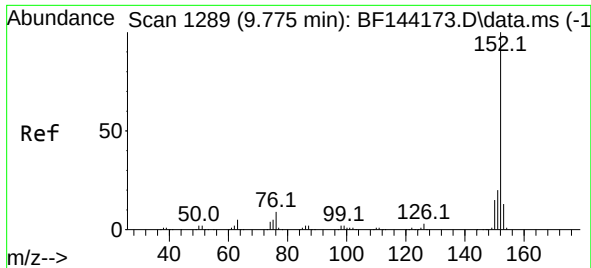
Delta R.T. -0.006 min

Lab File: BF144239.D

Acq: 12 Nov 2025 20:20

Tgt Ion:	65	Resp:	64963
Ion Ratio	Lower	Upper	
65	100		
92	71.0	53.0	79.6
138	106.8	81.6	122.4





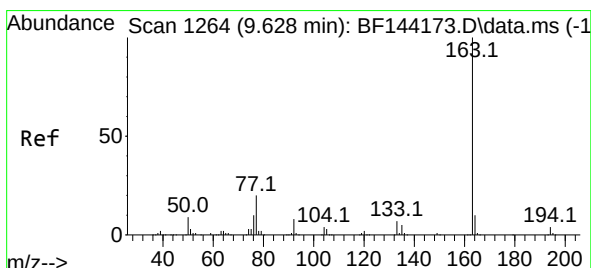
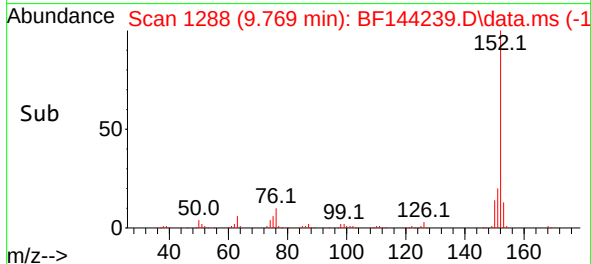
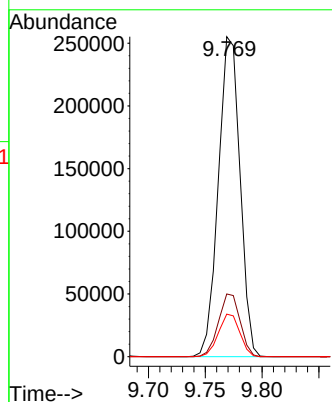
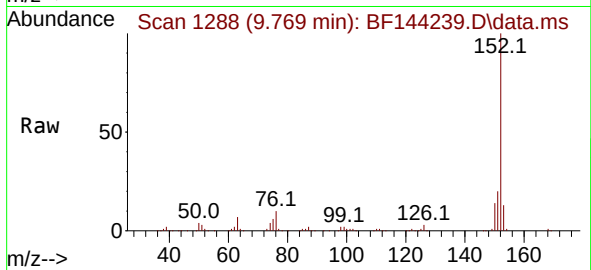
#49
Acenaphthylene
Concen: 51.923 ng
RT: 9.769 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

Instrument :
BNA_F
ClientSampleId :
S-1MS

Tgt Ion:152 Resp: 338952
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 13.3 10.5 15.7

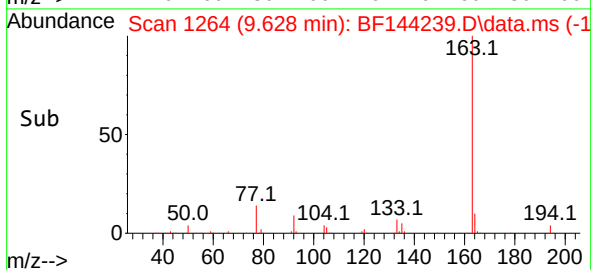
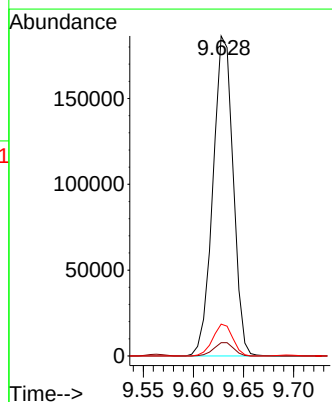
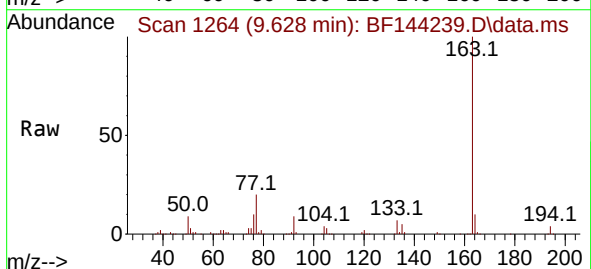
Manual Integrations
APPROVED

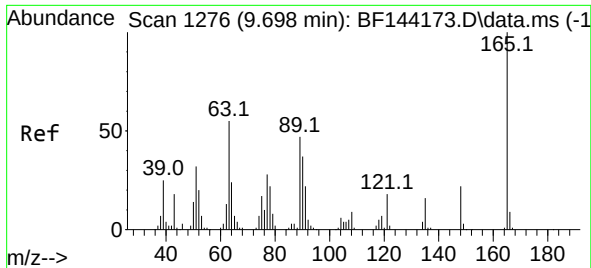
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#50
Dimethylphthalate
Concen: 49.019 ng
RT: 9.628 min Scan# 1264
Delta R.T. -0.000 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

Tgt Ion:163 Resp: 261262
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.0 8.1 12.1





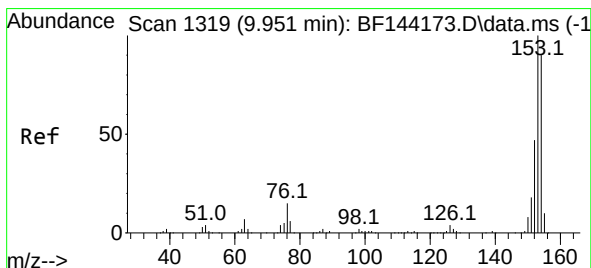
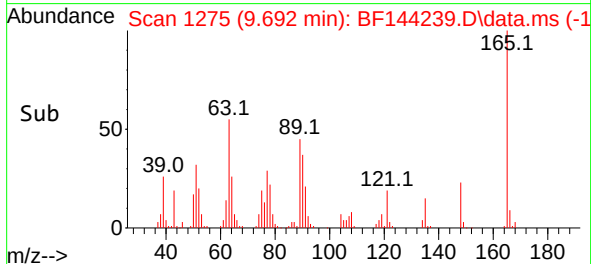
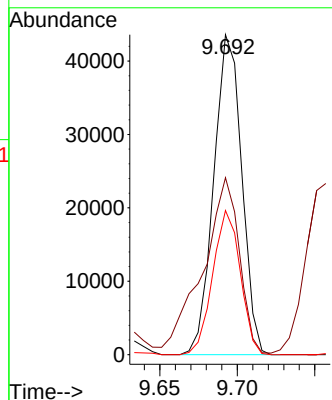
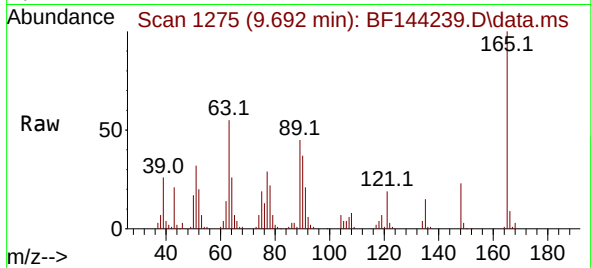
#51
2,6-Dinitrotoluene
Concen: 50.775 ng
RT: 9.692 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

Instrument :
BNA_F
ClientSampleId :
S-1MS

Tgt Ion:165 Resp: 5478
Ion Ratio Lower Upper
165 100
63 55.3 43.8 65.8
89 45.1 37.5 56.3

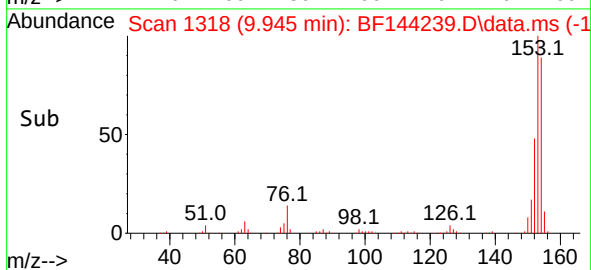
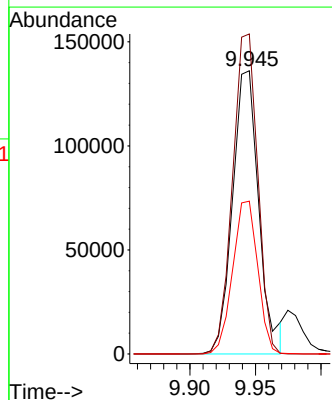
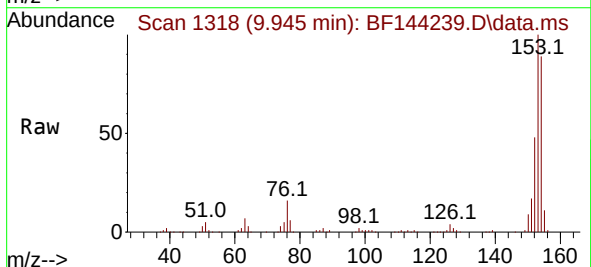
Manual Integrations
APPROVED

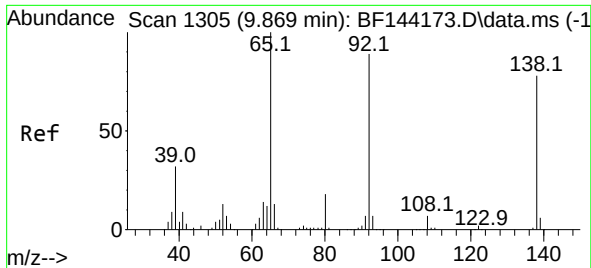
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#52
Acenaphthene
Concen: 43.620 ng
RT: 9.945 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

Tgt Ion:154 Resp: 190419
Ion Ratio Lower Upper
154 100
153 113.0 89.0 133.4
152 53.9 42.2 63.4





#53
3-Nitroaniline
Concen: 8.872 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

Instrument :

BNA_F

ClientSampleId :

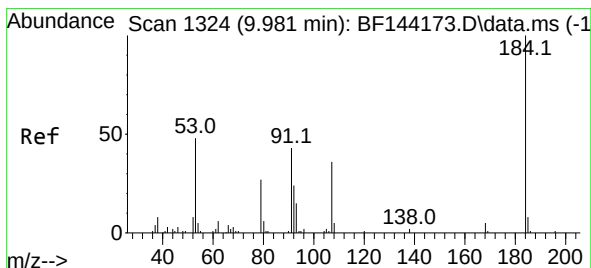
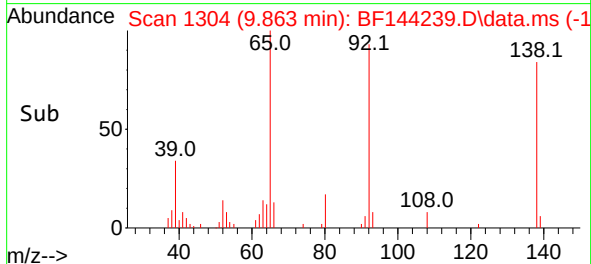
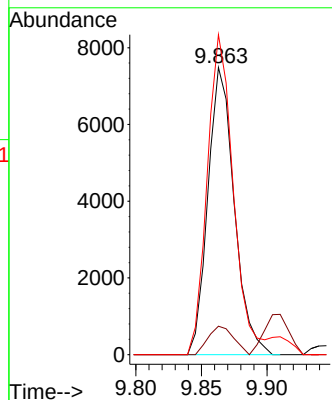
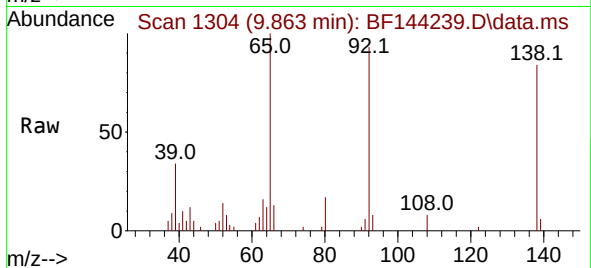
S-1MS

Tgt Ion:138 Resp: 1046
Ion Ratio Lower Upper
138 100
108 9.9 7.5 11.3
92 111.4 91.8 137.6

Manual Integrations

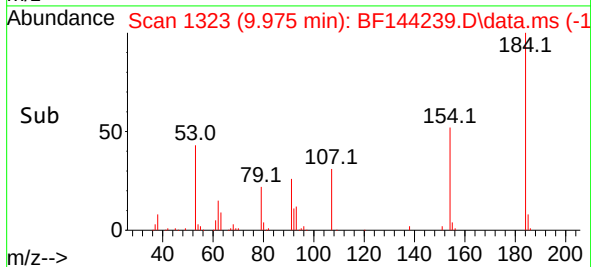
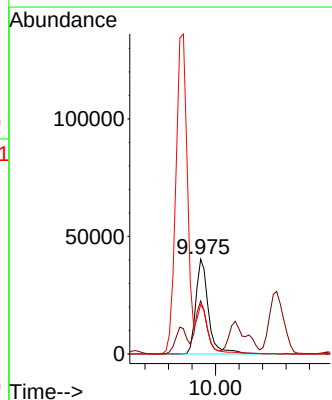
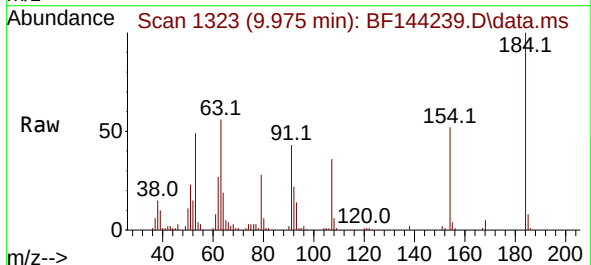
APPROVED

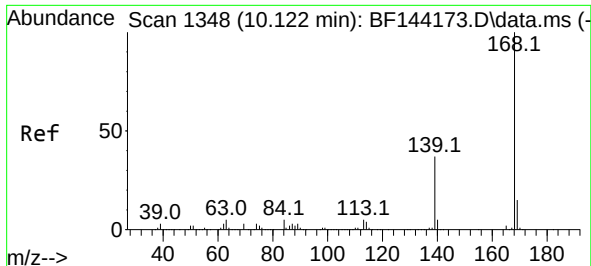
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#54
2,4-Dinitrophenol
Concen: 92.559 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

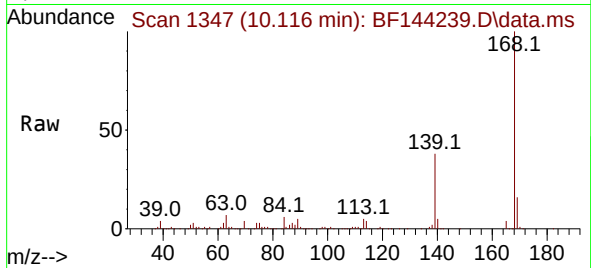
Tgt Ion:184 Resp: 60304
Ion Ratio Lower Upper
184 100
63 56.2 44.0 66.0
154 52.0 42.4 63.6





#55
Dibenzenofuran
Concen: 45.610 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

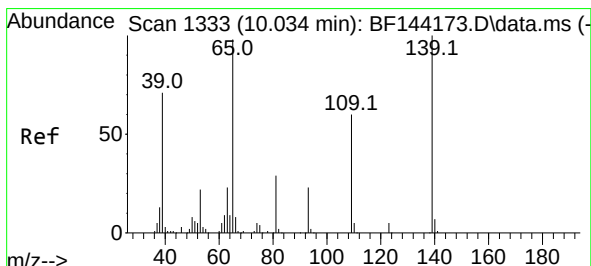
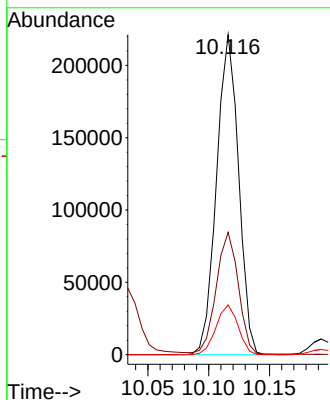
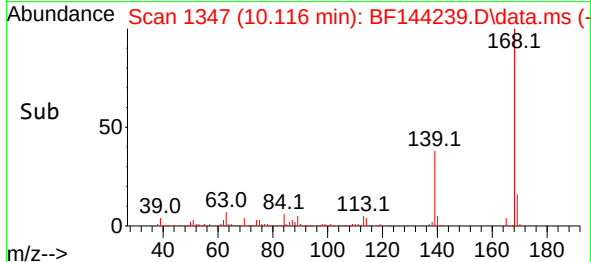
Instrument :
BNA_F
ClientSampleId :
S-1MS



Tgt Ion:168 Resp: 27885
Ion Ratio Lower Upper
168 100
139 38.3 30.2 45.2
169 15.5 12.2 18.4

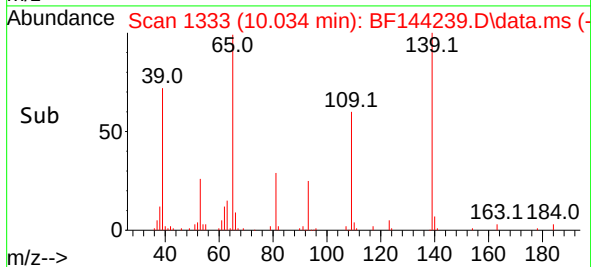
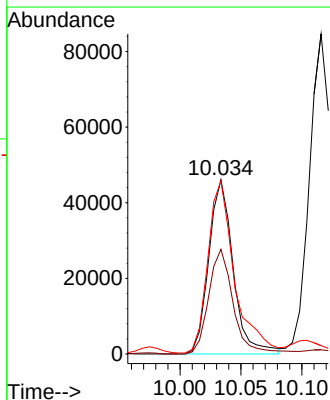
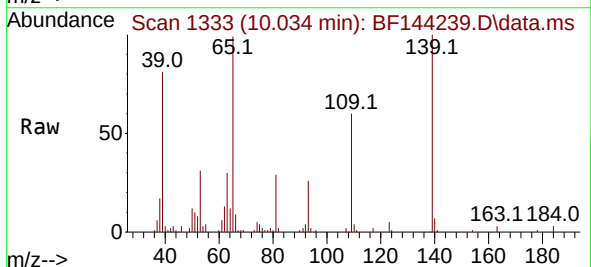
Manual Integrations
APPROVED

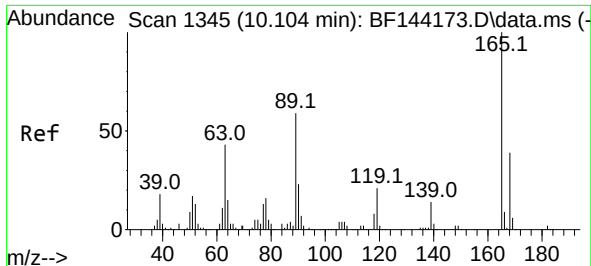
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#56
4-Nitrophenol
Concen: 75.293 ng
RT: 10.034 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

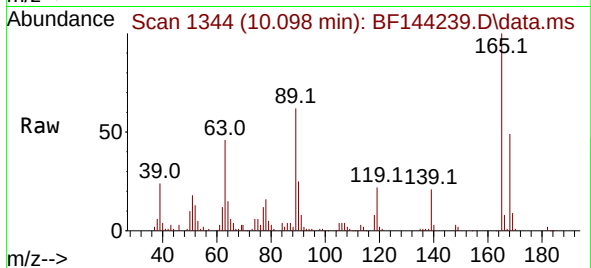
Tgt Ion:139 Resp: 64237
Ion Ratio Lower Upper
139 100
109 60.0 39.9 79.9
65 99.4 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 49.100 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

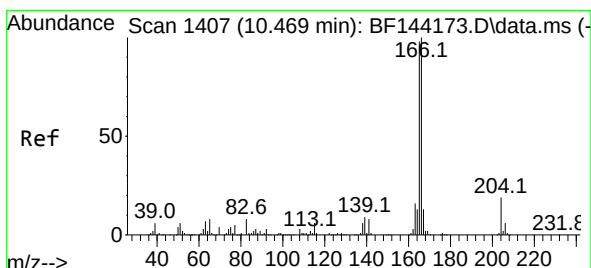
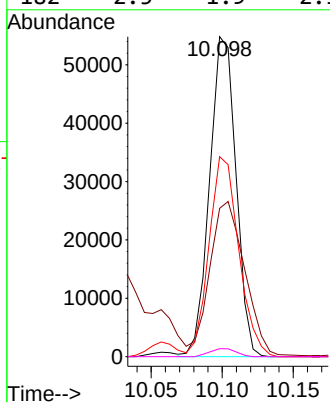
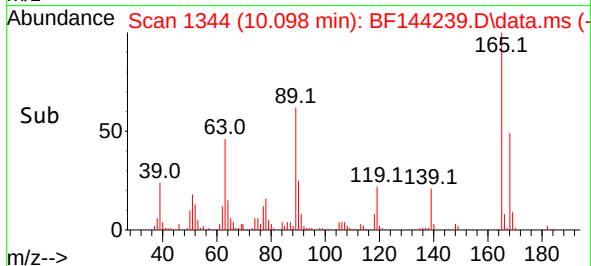
Instrument :
BNA_F
ClientSampleId :
S-1MS



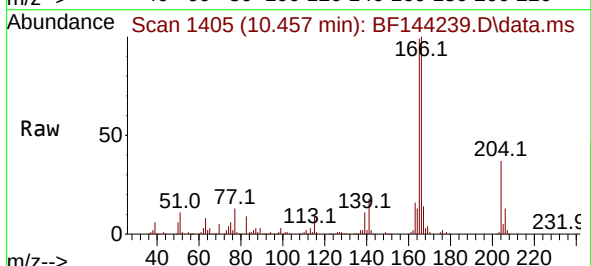
Tgt Ion:165 Resp: 70919
Ion Ratio Lower Upper
165 100
63 46.4 35.5 53.3
89 62.5 47.4 71.2
182 2.5 1.9 2.9

Manual Integrations
APPROVED

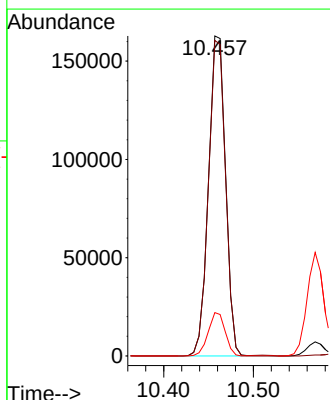
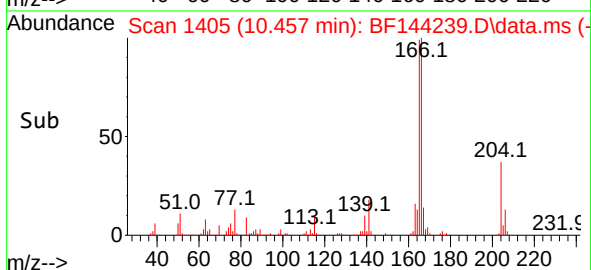
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

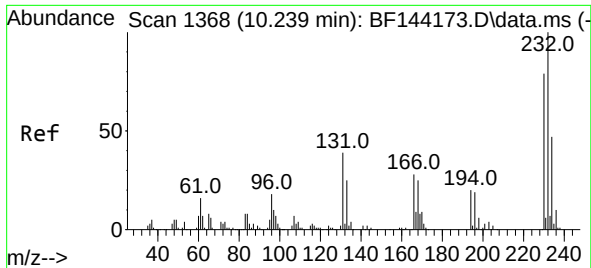


#58
Fluorene
Concen: 46.317 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20



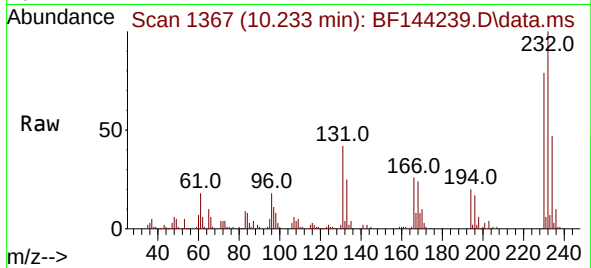
Tgt Ion:166 Resp: 215304
Ion Ratio Lower Upper
166 100
165 98.6 78.6 118.0
167 13.5 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.053 ng
RT: 10.233 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

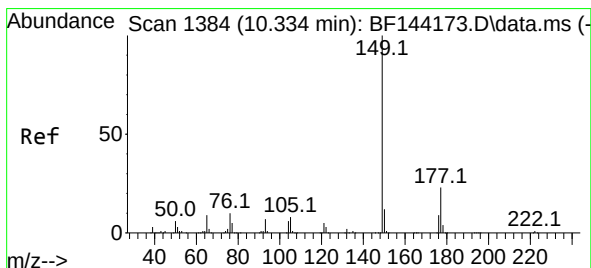
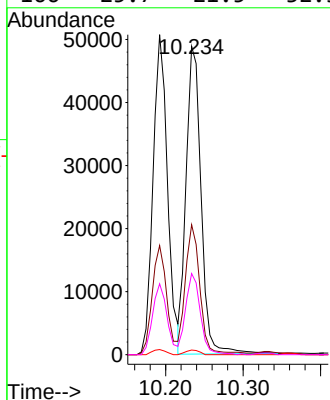
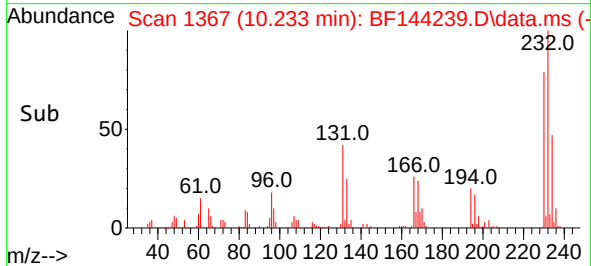
Instrument :
BNA_F
ClientSampleId :
S-1MS



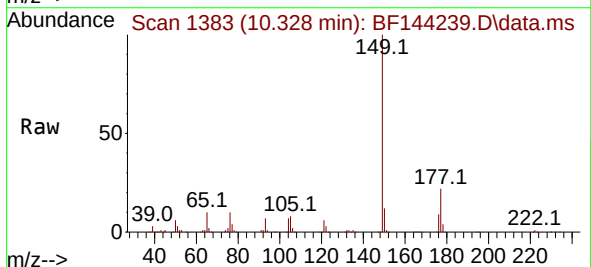
Tgt Ion:232 Resp: 6575
Ion Ratio Lower Upper
232 100
131 41.2 30.3 45.5
130 1.4 1.2 1.8
166 25.7 21.5 32.3

Manual Integrations
APPROVED

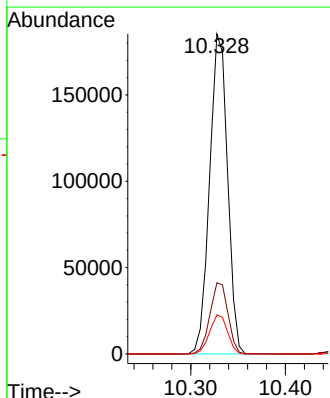
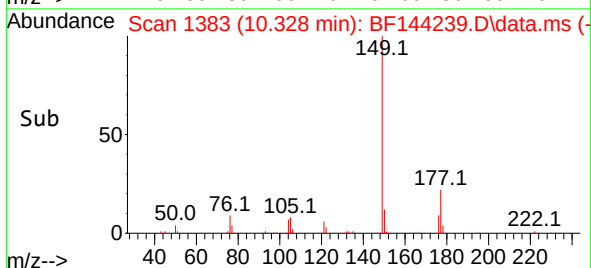
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

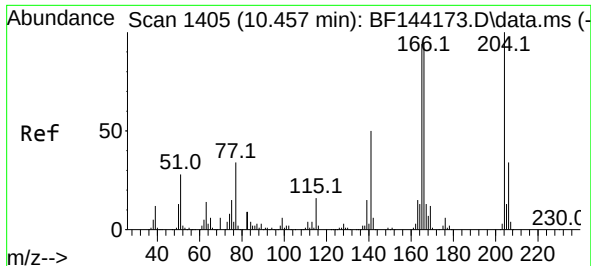


#60
Diethylphthalate
Concen: 49.715 ng
RT: 10.328 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20



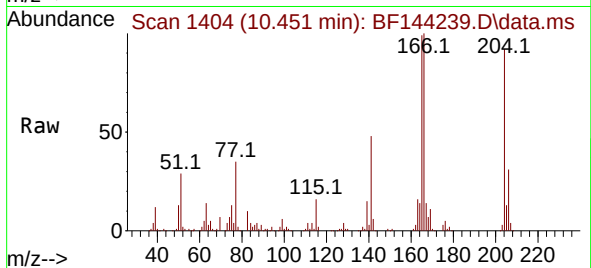
Tgt Ion:149 Resp: 244267
Ion Ratio Lower Upper
149 100
177 22.3 18.3 27.5
150 12.2 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 44.403 ng
RT: 10.451 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

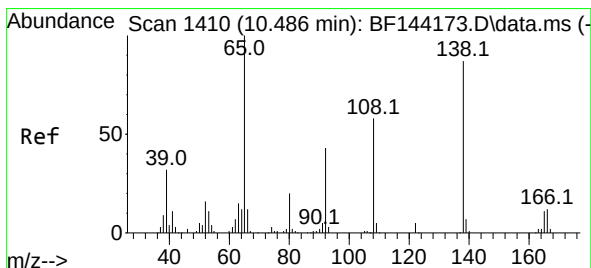
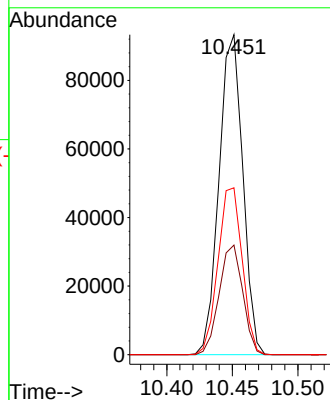
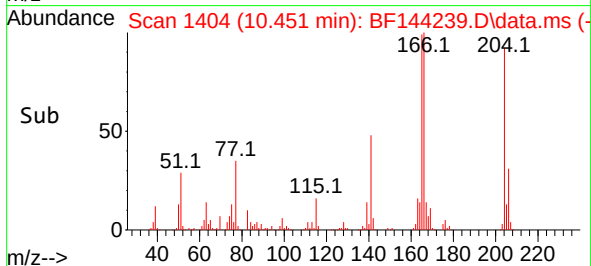
Instrument :
BNA_F
ClientSampleId :
S-1MS



Tgt Ion:204 Resp: 117572
Ion Ratio Lower Upper
204 100
206 34.3 27.4 41.2
141 52.2 40.0 60.0

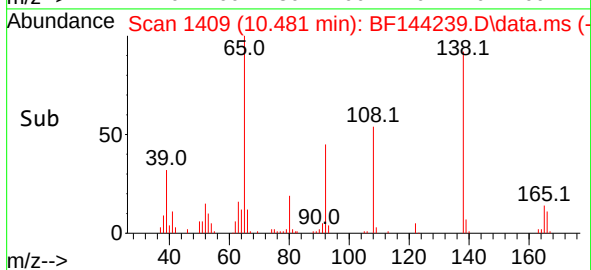
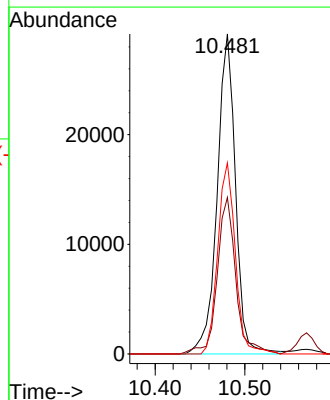
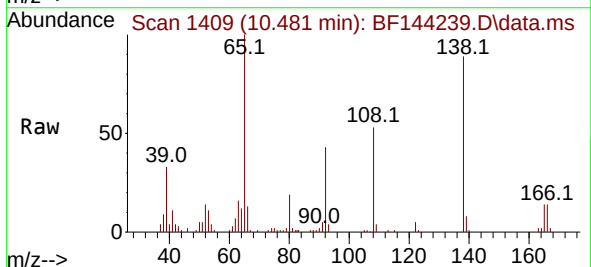
Manual Integrations
APPROVED

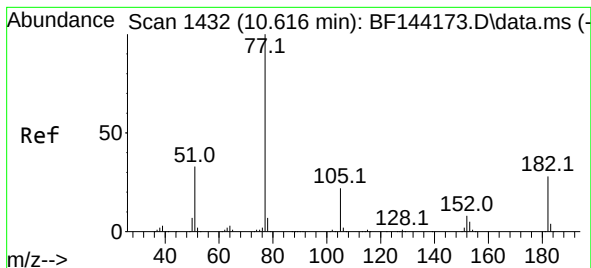
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#62
4-Nitroaniline
Concen: 36.838 ng
RT: 10.481 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

Tgt Ion:138 Resp: 41377
Ion Ratio Lower Upper
138 100
92 48.9 29.4 69.4
108 59.7 46.4 86.4





#63

Azobenzene

Concen: 49.884 ng

RT: 10.610 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF144239.D

Acq: 12 Nov 2025 20:20

Instrument :

BNA_F

ClientSampleId :

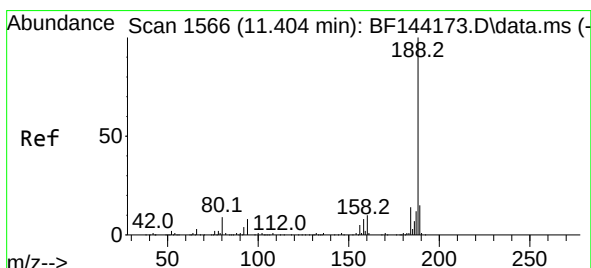
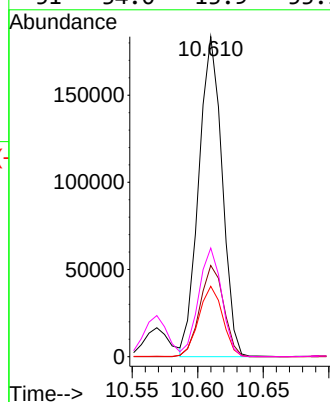
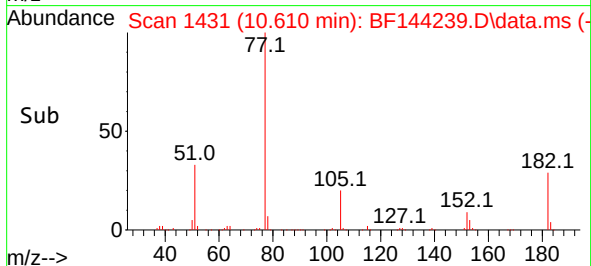
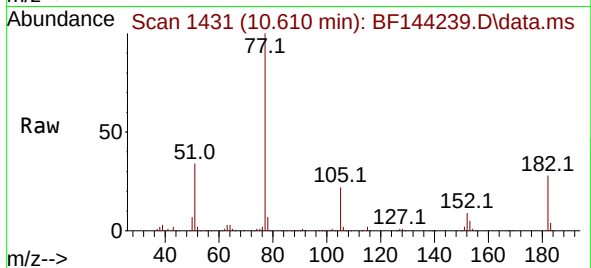
S-1MS

Tgt Ion: 77	Resp: 228104
Ion Ratio	Lower Upper
77 100	
182 28.5	8.1 48.1
105 22.0	2.0 42.0
51 34.0	13.9 53.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#64

Phenanthrene-d10

Concen: 20.000 ng

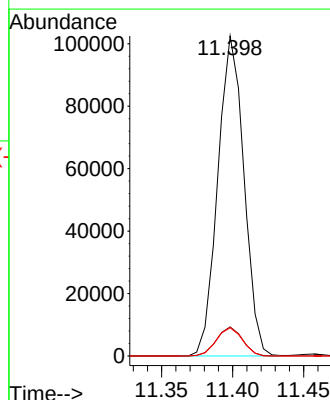
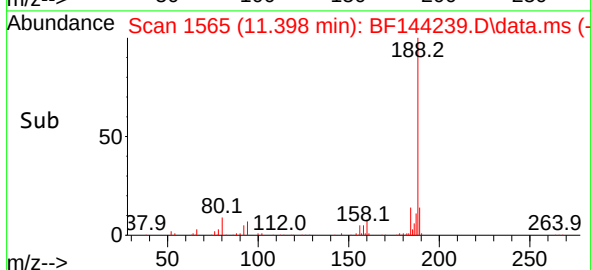
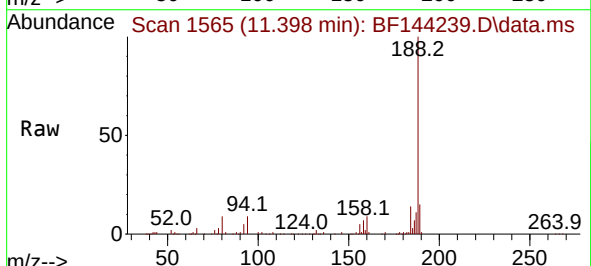
RT: 11.398 min Scan# 1565

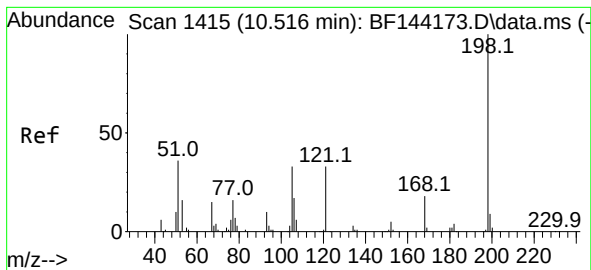
Delta R.T. -0.006 min

Lab File: BF144239.D

Acq: 12 Nov 2025 20:20

Tgt Ion:188	Resp: 131172
Ion Ratio	Lower Upper
188 100	
94 9.1	6.2 9.2
80 8.8	6.9 10.3





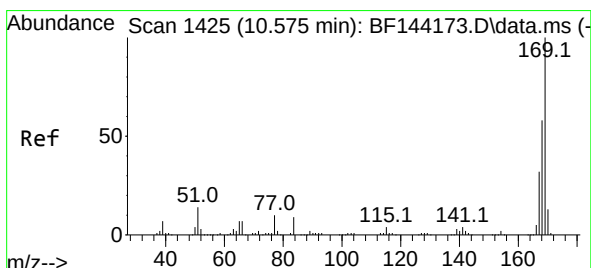
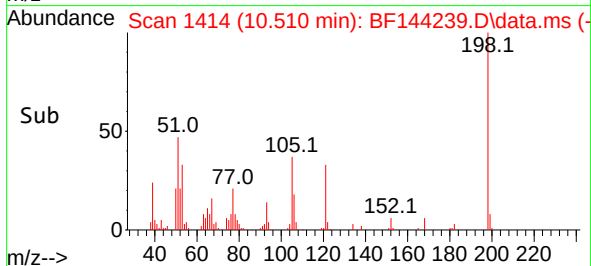
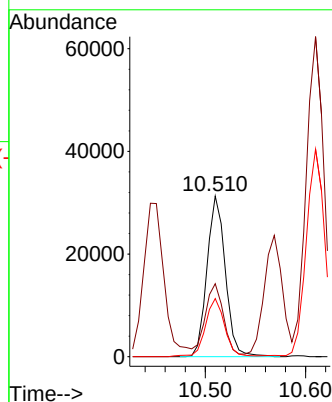
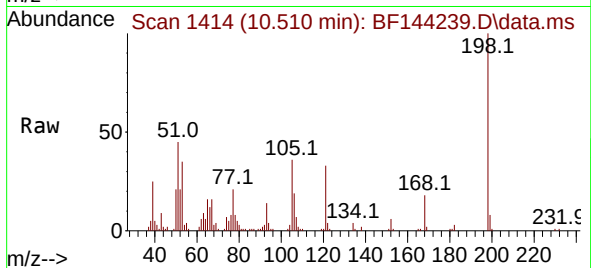
#65
4,6-Dinitro-2-methylphenol
Concen: 44.797 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

Instrument :
BNA_F
ClientSampleId :
S-1MS

Tgt Ion:198 Resp: 39919
Ion Ratio Lower Upper
198 100
51 45.4 25.6 65.6
105 36.1 14.6 54.6

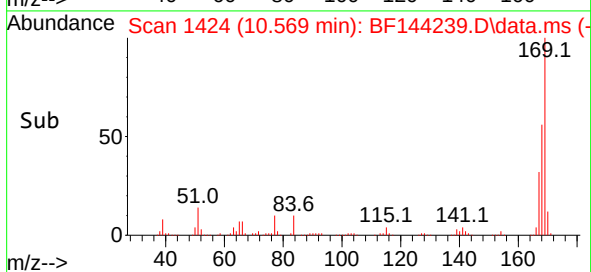
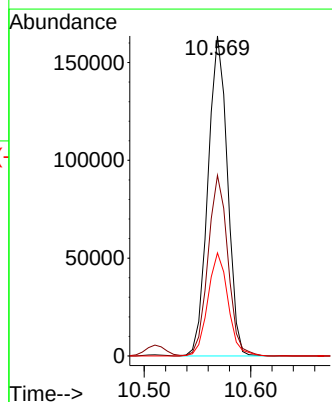
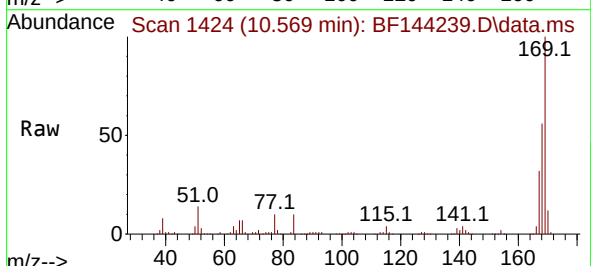
Manual Integrations
APPROVED

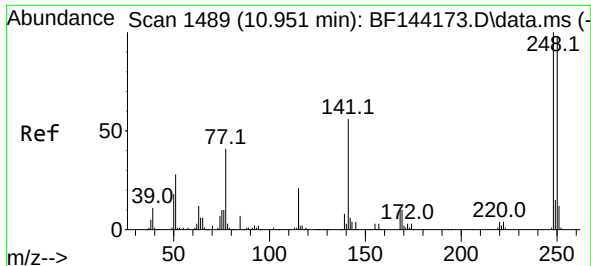
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#66
n-Nitrosodiphenylamine
Concen: 49.252 ng
RT: 10.569 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

Tgt Ion:169 Resp: 207785
Ion Ratio Lower Upper
169 100
168 56.4 46.2 69.2
167 32.2 25.7 38.5





#67
4-Bromophenyl-phenylether
Concen: 47.685 ng
RT: 10.939 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

Instrument :

BNA_F

ClientSampleId :

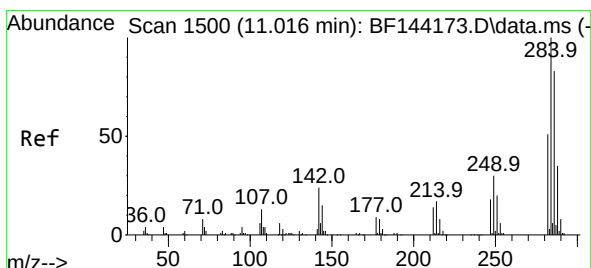
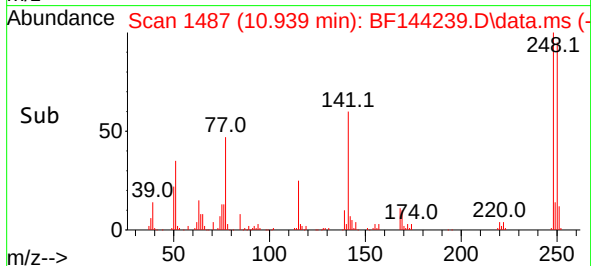
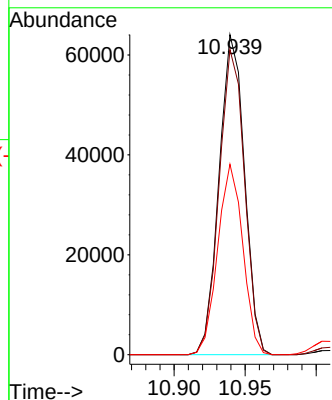
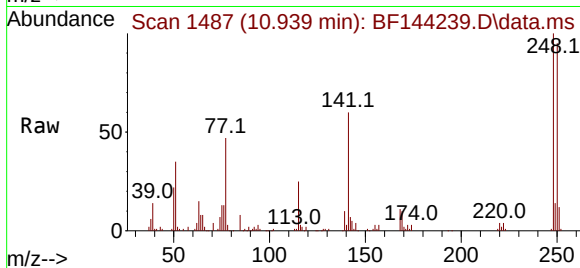
S-1MS

Tgt Ion:248 Resp: 79839
Ion Ratio Lower Upper
248 100
250 95.4 78.4 117.6
141 59.5 45.1 67.7

Manual Integrations

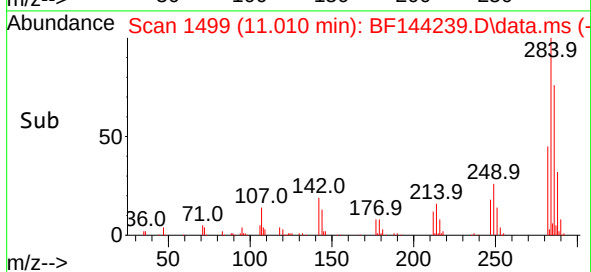
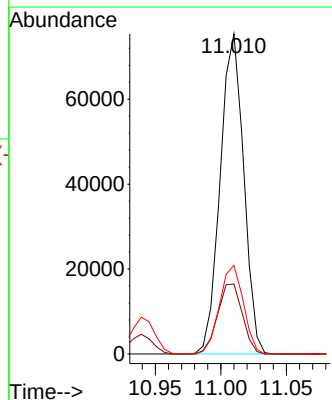
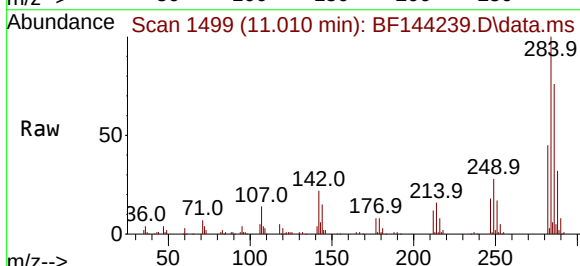
APPROVED

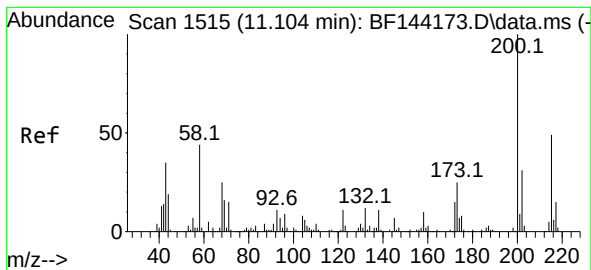
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#68
Hexachlorobenzene
Concen: 47.587 ng
RT: 11.010 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

Tgt Ion:284 Resp: 93845
Ion Ratio Lower Upper
284 100
142 21.9 19.2 28.8
249 27.7 23.8 35.8





#69

Atrazine

Concen: 41.973 ng

RT: 11.098 min Scan# 1514

Delta R.T. -0.000 min

Lab File: BF144239.D

Acq: 12 Nov 2025 20:20

Instrument :

BNA_F

ClientSampleId :

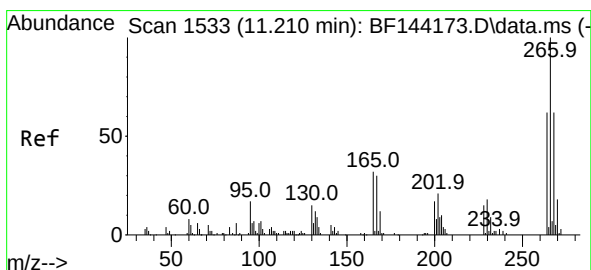
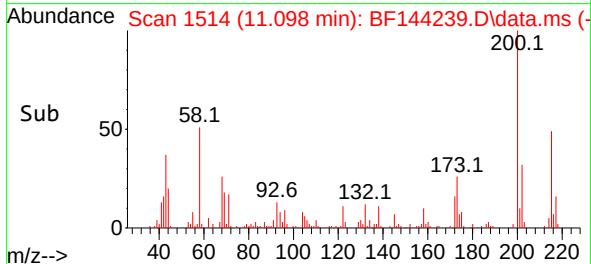
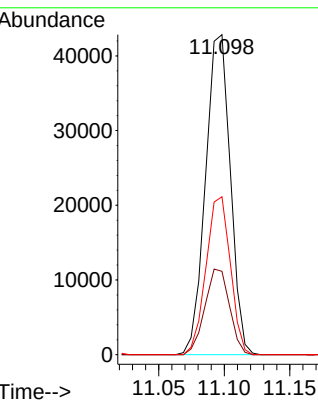
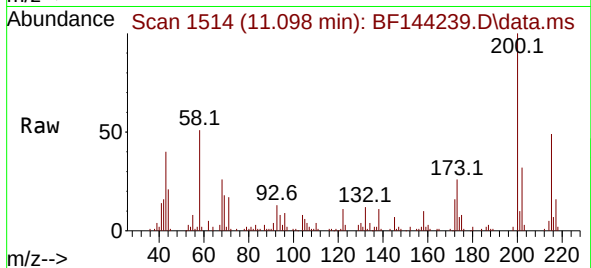
S-1MS

Tgt Ion:200 Resp: 56315
 Ion Ratio Lower Upper
 200 100
 173 26.1 5.0 45.0
 215 49.4 28.7 68.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/13/2025
 Supervised By :mohammad ahmed 11/14/2025



#70

Pentachlorophenol

Concen: 92.526 ng

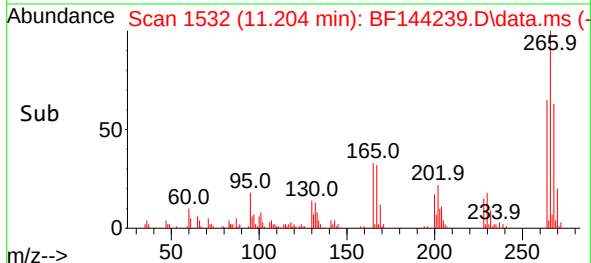
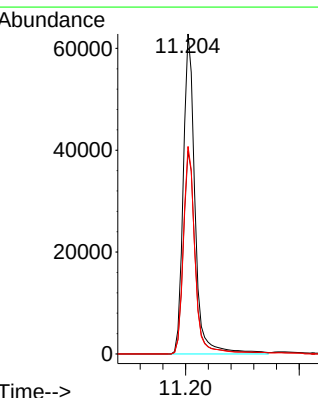
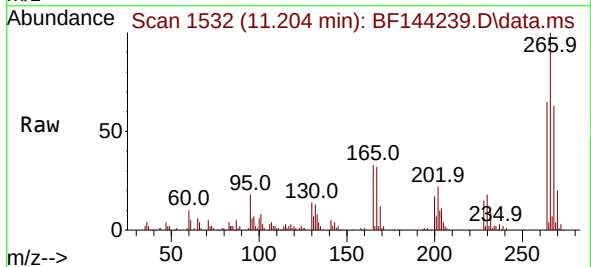
RT: 11.204 min Scan# 1532

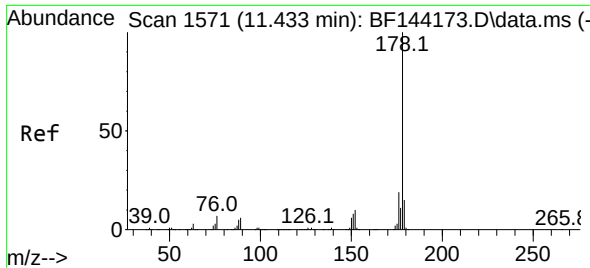
Delta R.T. -0.012 min

Lab File: BF144239.D

Acq: 12 Nov 2025 20:20

Tgt Ion:266 Resp: 90863
 Ion Ratio Lower Upper
 266 100
 268 63.4 49.5 74.3
 264 64.9 49.4 74.2





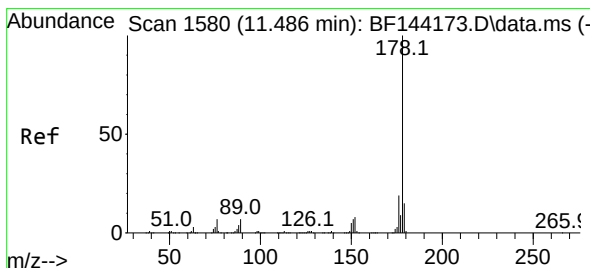
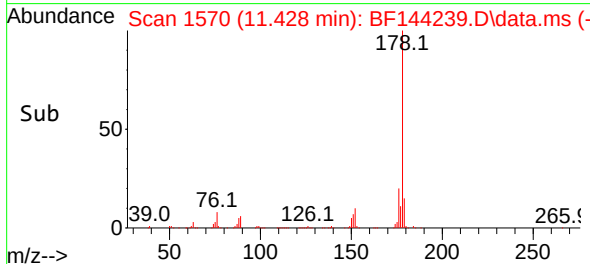
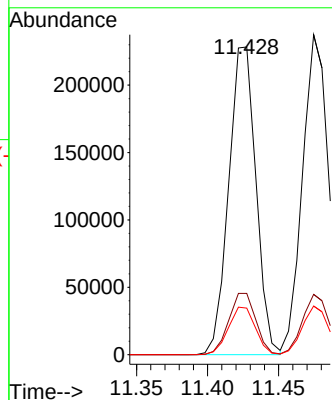
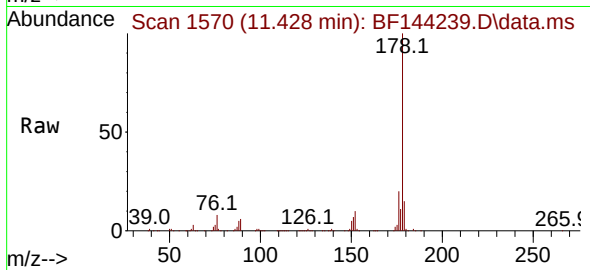
#71
Phenanthrene
Concen: 46.756 ng
RT: 11.428 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

Instrument :
BNA_F
ClientSampleId :
S-1MS

Tgt Ion:178 Resp: 305360
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 15.1 12.2 18.4

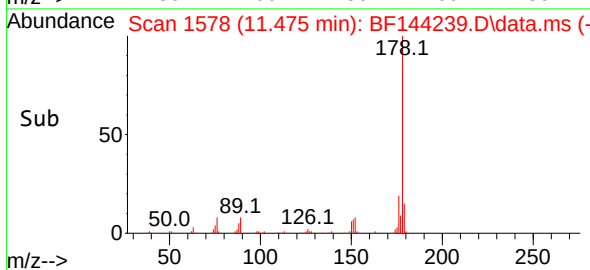
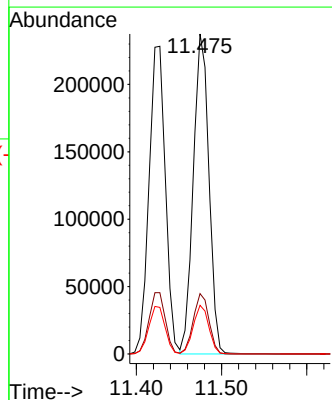
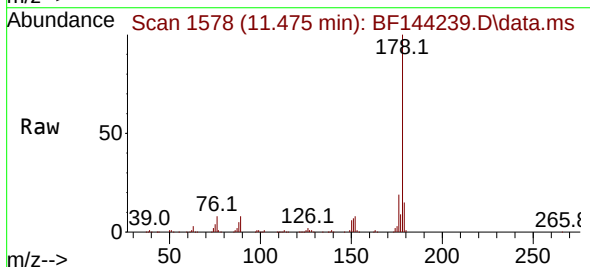
Manual Integrations
APPROVED

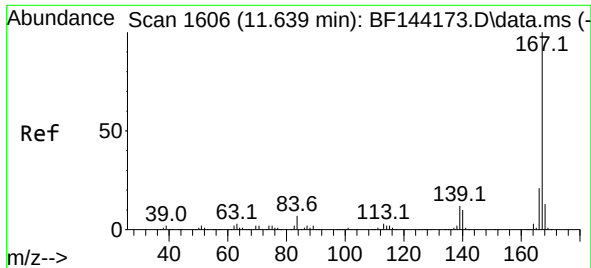
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#72
Anthracene
Concen: 45.546 ng
RT: 11.475 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

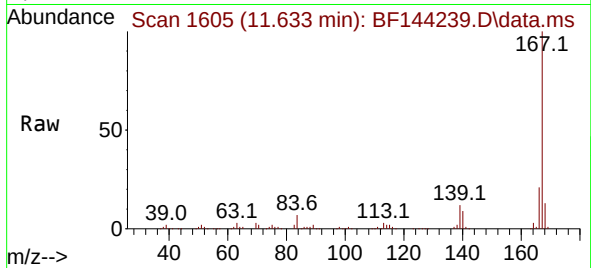
Tgt Ion:178 Resp: 302458
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.2 12.0 18.0





#73
 Carbazole
 Concen: 44.481 ng
 RT: 11.633 min Scan# 1605
 Delta R.T. -0.006 min
 Lab File: BF144239.D
 Acq: 12 Nov 2025 20:20

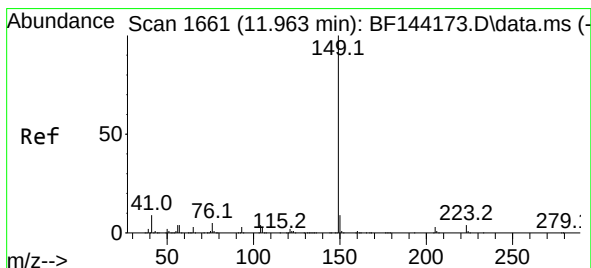
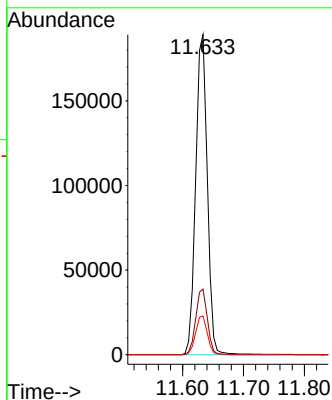
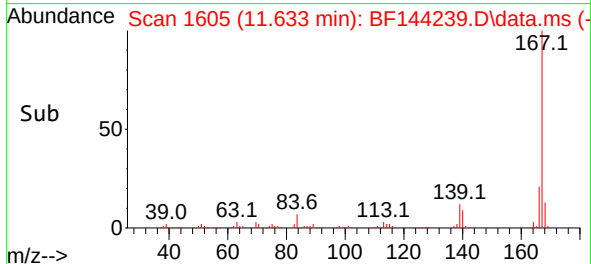
Instrument :
 BNA_F
 ClientSampleId :
 S-1MS



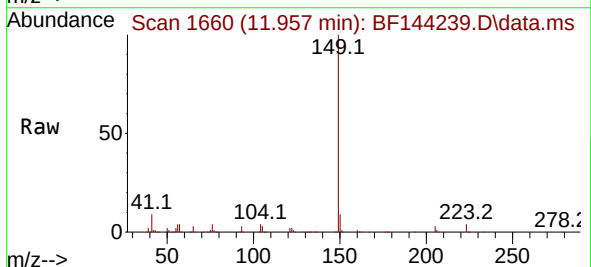
Tgt Ion:167 Resp: 251180
 Ion Ratio Lower Upper
 167 100
 166 20.5 17.2 25.8
 139 12.1 9.9 14.9

Manual Integrations
 APPROVED

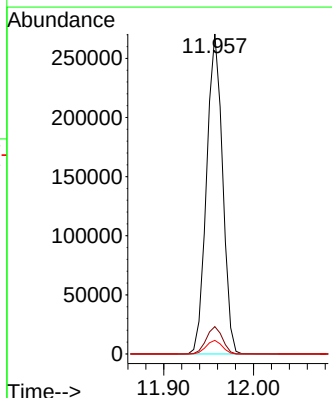
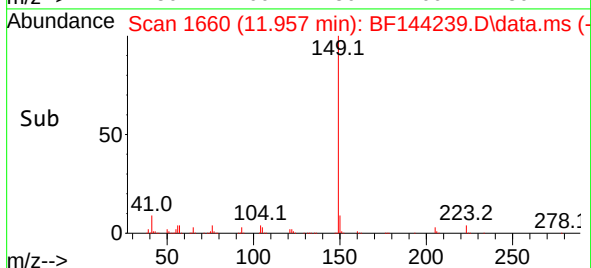
Reviewed By :Jagrut Upadhyay 11/13/2025
 Supervised By :mohammad ahmed 11/14/2025

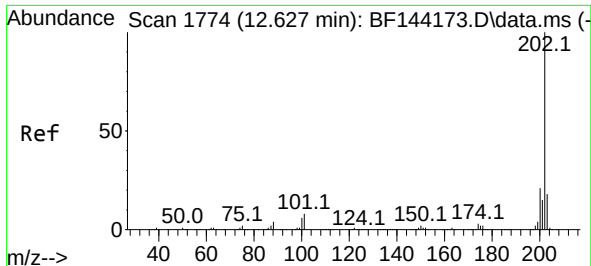


#74
 Di-n-butylphthalate
 Concen: 48.987 ng
 RT: 11.957 min Scan# 1660
 Delta R.T. -0.006 min
 Lab File: BF144239.D
 Acq: 12 Nov 2025 20:20



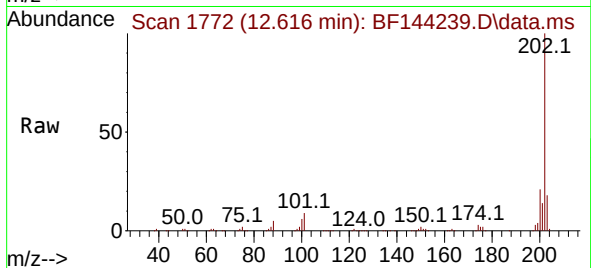
Tgt Ion:149 Resp: 334405
 Ion Ratio Lower Upper
 149 100
 150 8.6 7.4 11.0
 104 4.3 3.4 5.2





#75
Fluoranthene
Concen: 42.489 ng
RT: 12.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

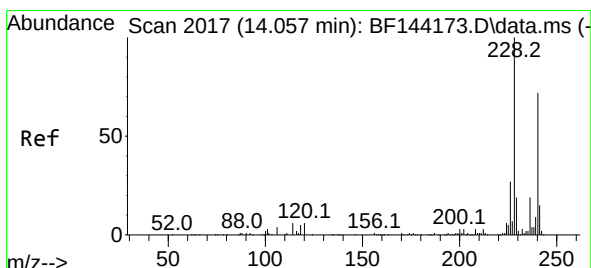
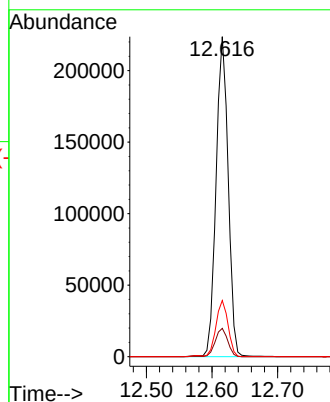
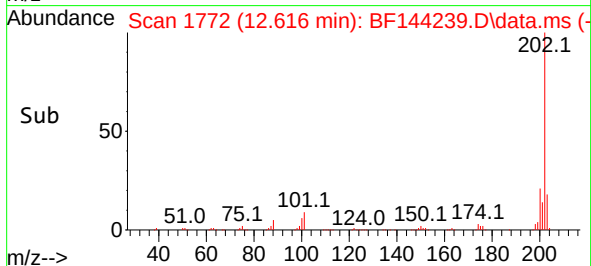
Instrument :
BNA_F
ClientSampleId :
S-1MS



Tgt Ion:202 Resp: 286640
Ion Ratio Lower Upper
202 100
101 8.9 0.0 27.9
203 17.6 0.0 37.5

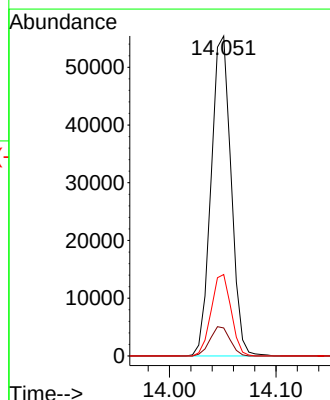
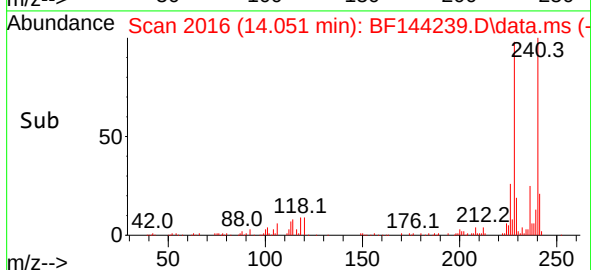
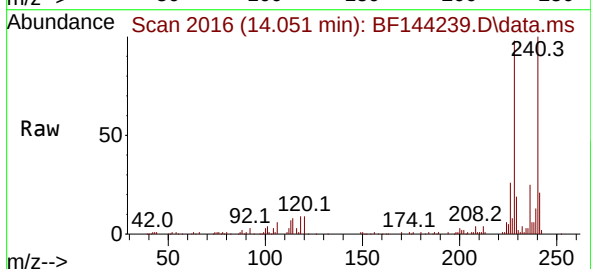
Manual Integrations
APPROVED

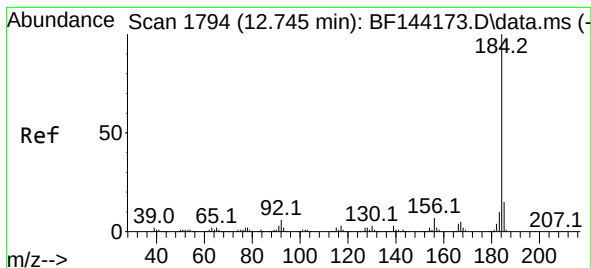
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

Tgt Ion:240 Resp: 72085
Ion Ratio Lower Upper
240 100
120 8.7 6.6 10.0
236 25.5 21.4 32.2





#77

Benzidine

Concen: 3.373 ng

RT: 12.745 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF144239.D

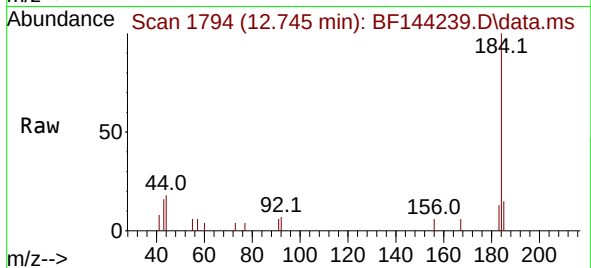
Acq: 12 Nov 2025 20:20

Instrument :

BNA_F

ClientSampleId :

S-1MS

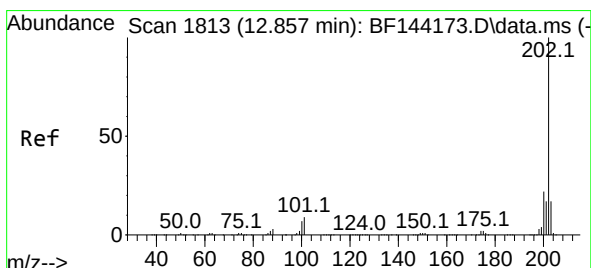
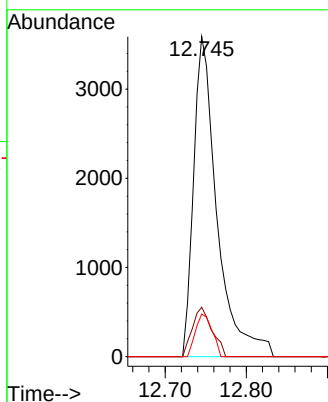
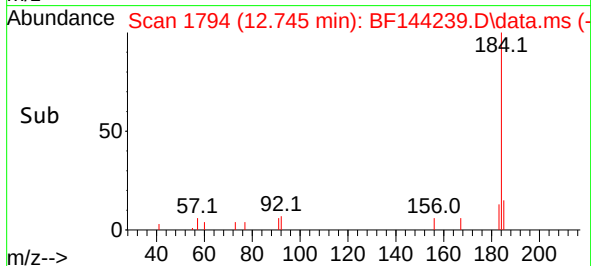


Tgt Ion:	184	Resp:	719
Ion Ratio	Lower	Upper	
184	100		
185	15.4	11.7	17.5
183	13.3	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#78

Pyrene

Concen: 48.969 ng

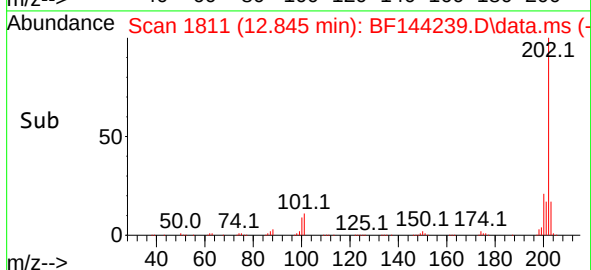
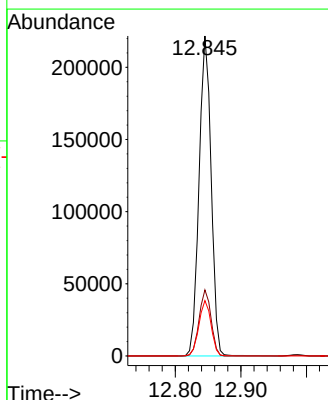
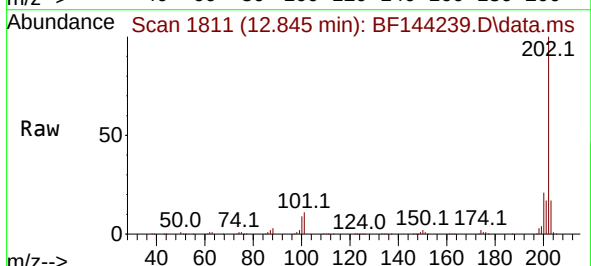
RT: 12.845 min Scan# 1811

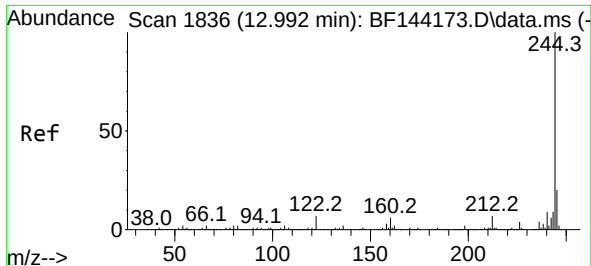
Delta R.T. -0.006 min

Lab File: BF144239.D

Acq: 12 Nov 2025 20:20

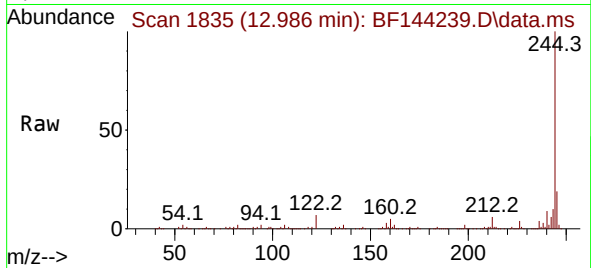
Tgt Ion:	202	Resp:	284614
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.2	25.8
203	17.3	13.7	20.5





#79
 Terphenyl-d14
 Concen: 86.778 ng
 RT: 12.986 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: BF144239.D
 Acq: 12 Nov 2025 20:20

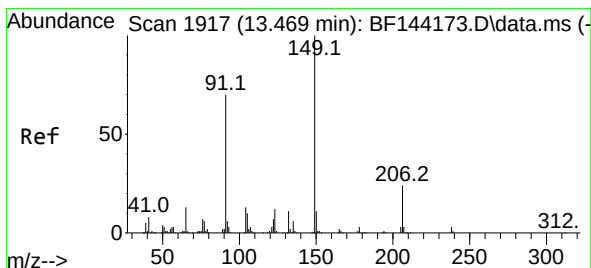
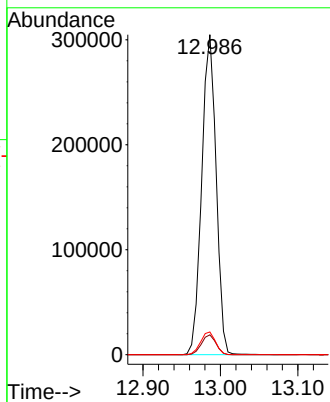
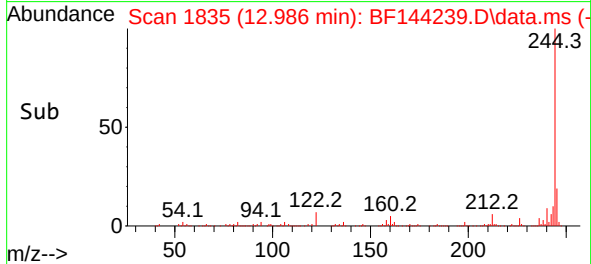
Instrument :
 BNA_F
 ClientSampleId :
 S-1MS



Tgt Ion:244 Resp: 393810
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.3 7.9
 122 7.1 5.6 8.4

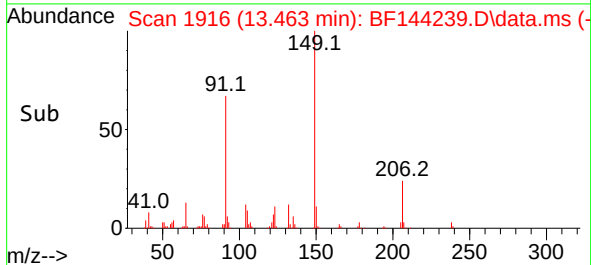
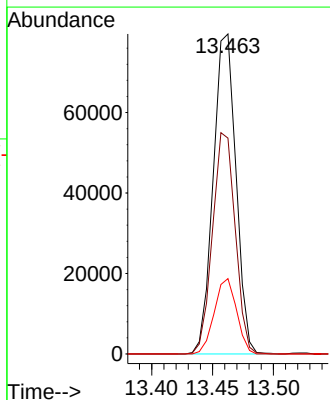
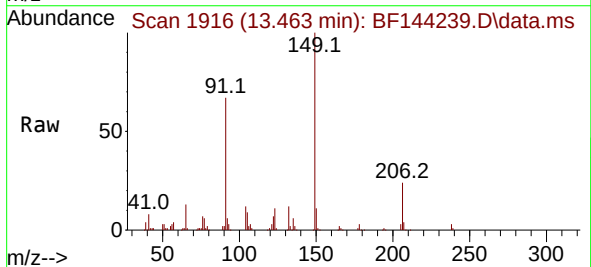
Manual Integrations
 APPROVED

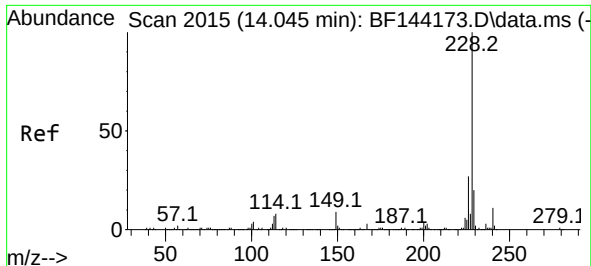
Reviewed By :Jagrut Upadhyay 11/13/2025
 Supervised By :mohammad ahmed 11/14/2025



#80
 Butylbenzylphthalate
 Concen: 51.412 ng
 RT: 13.463 min Scan# 1916
 Delta R.T. -0.006 min
 Lab File: BF144239.D
 Acq: 12 Nov 2025 20:20

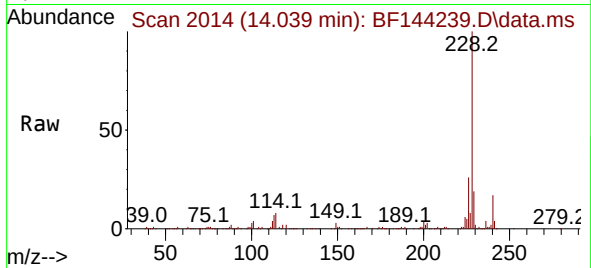
Tgt Ion:149 Resp: 103566
 Ion Ratio Lower Upper
 149 100
 91 67.5 56.1 84.1
 206 23.6 18.8 28.2





#81
Benzo(a)anthracene
Concen: 49.651 ng
RT: 14.039 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

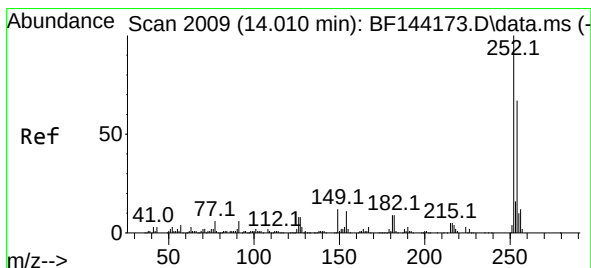
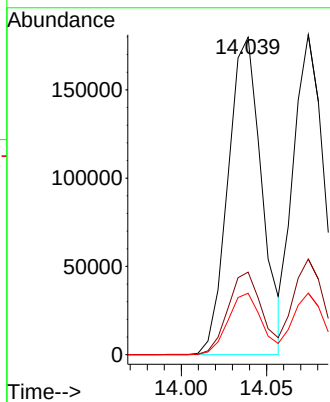
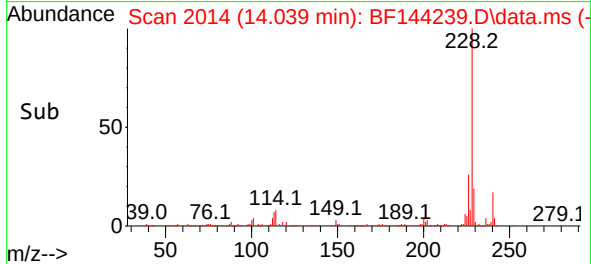
Instrument :
BNA_F
ClientSampleId :
S-1MS



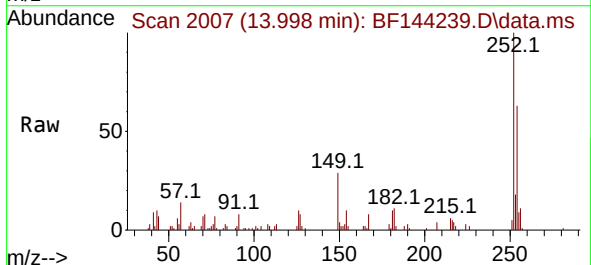
Tgt Ion:228 Resp: 24805
Ion Ratio Lower Upper
228 100
226 26.0 21.8 32.8
229 19.4 15.8 23.6

Manual Integrations
APPROVED

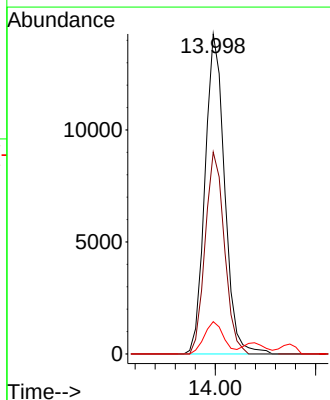
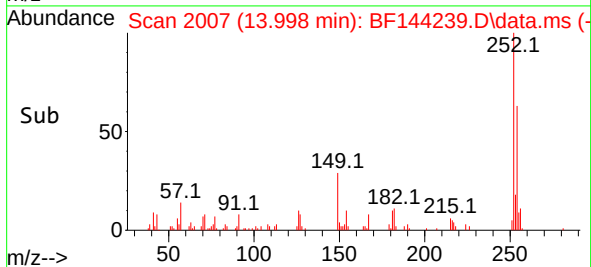
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

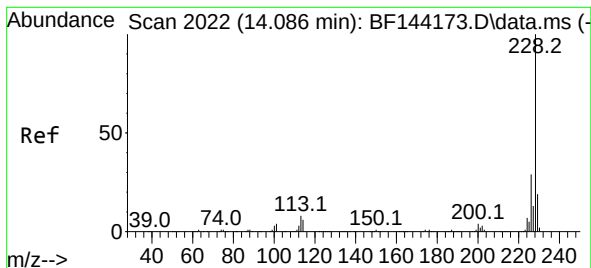


#82
3,3'-Dichlorobenzidine
Concen: 11.353 ng
RT: 13.998 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20



Tgt Ion:252 Resp: 19443
Ion Ratio Lower Upper
252 100
254 63.1 53.5 80.3
126 10.1 6.4 9.6#





#83

Chrysene

Concen: 49.018 ng

RT: 14.074 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF144239.D

Acq: 12 Nov 2025 20:20

Instrument :

BNA_F

ClientSampleId :

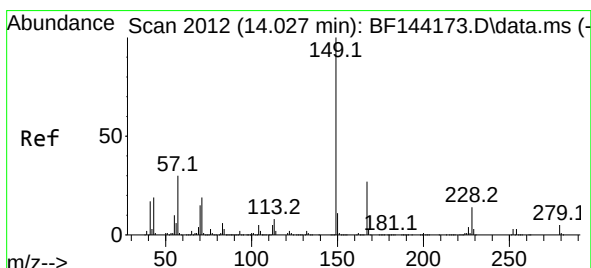
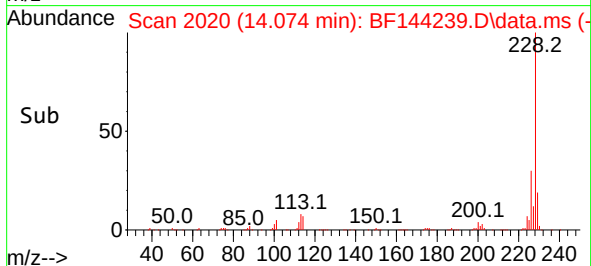
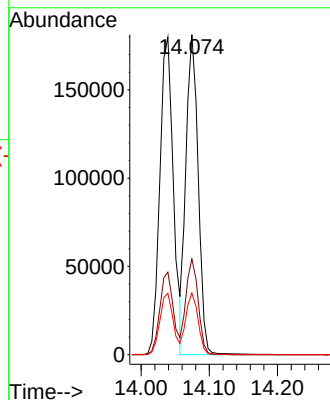
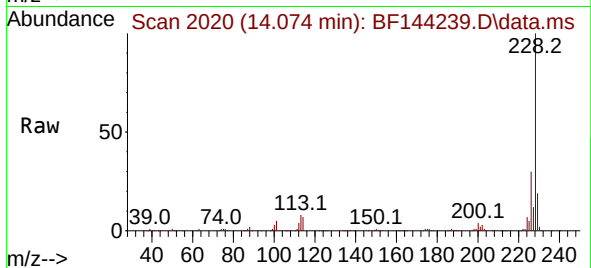
S-1MS

Tgt Ion:228 Resp: 22607
 Ion Ratio Lower Upper
 228 100
 226 29.9 22.9 34.3
 229 19.2 15.0 22.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/13/2025
 Supervised By :mohammad ahmed 11/14/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.746 ng

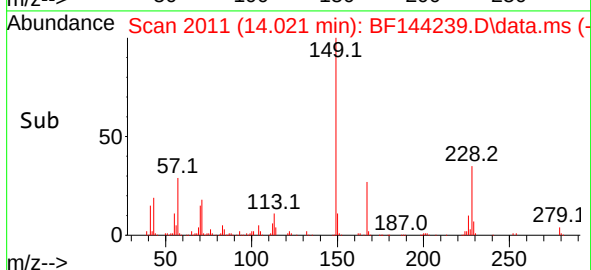
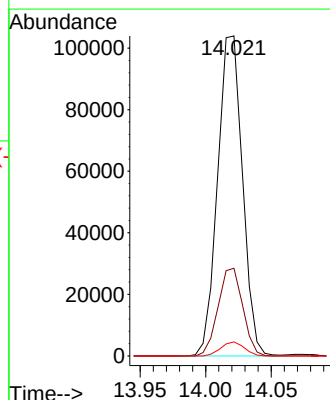
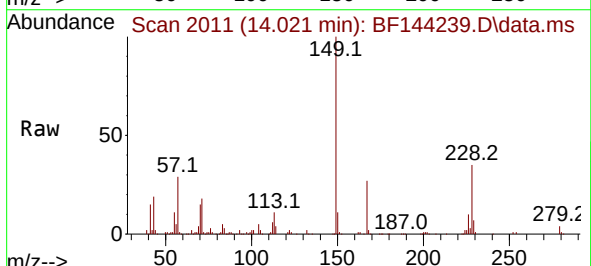
RT: 14.021 min Scan# 2011

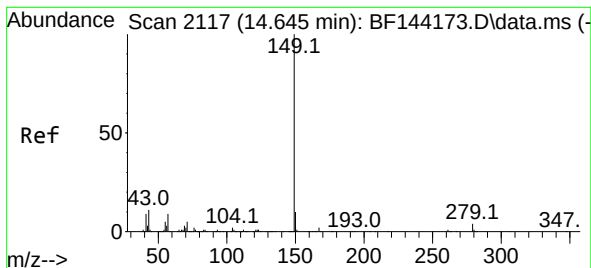
Delta R.T. -0.006 min

Lab File: BF144239.D

Acq: 12 Nov 2025 20:20

Tgt Ion:149 Resp: 137180
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.8 32.8
 279 4.4 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 47.656 ng

RT: 14.633 min Scan# 2115

Delta R.T. -0.012 min

Lab File: BF144239.D

Acq: 12 Nov 2025 20:20

Instrument :

BNA_F

ClientSampleId :

S-1MS

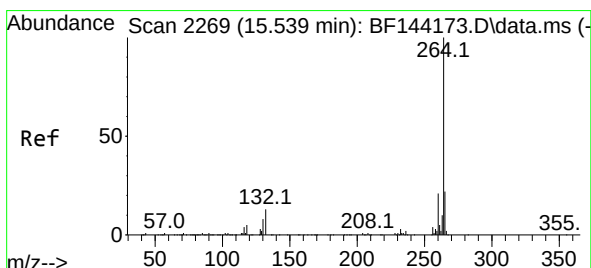
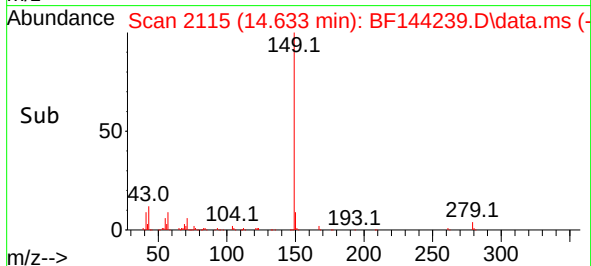
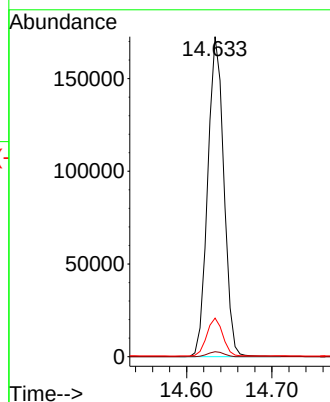
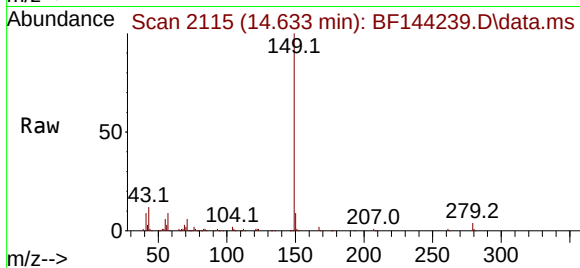
Tgt Ion:149 Resp: 226739

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 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2267

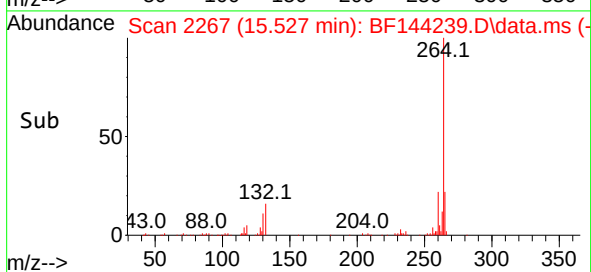
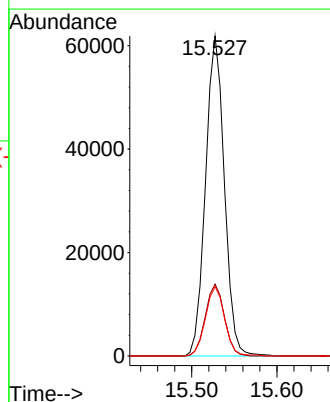
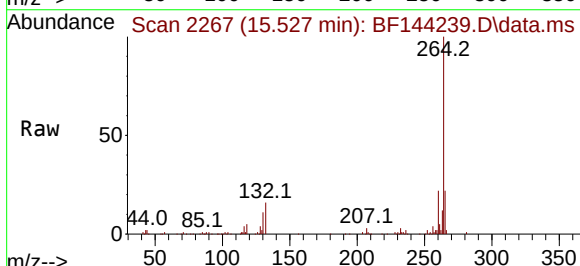
Delta R.T. -0.012 min

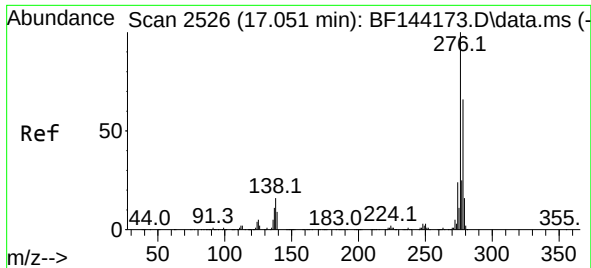
Lab File: BF144239.D

Acq: 12 Nov 2025 20:20

Tgt Ion:264 Resp: 94938

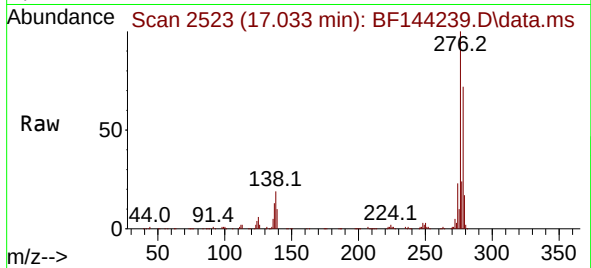
Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.1	25.7
265	21.7	17.4	26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.003 ng
RT: 17.033 min Scan# 2193
Delta R.T. -0.000 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

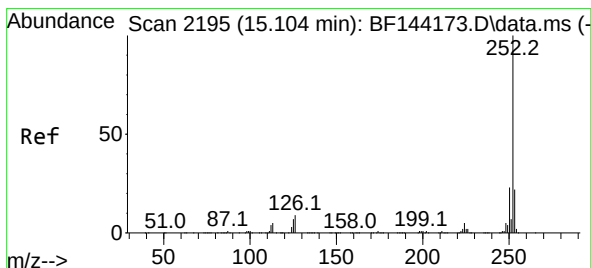
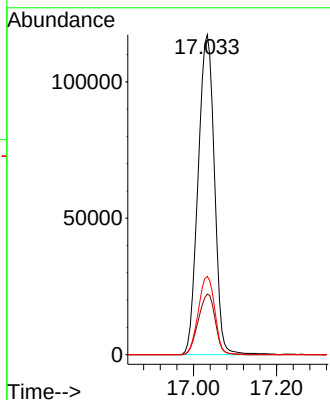
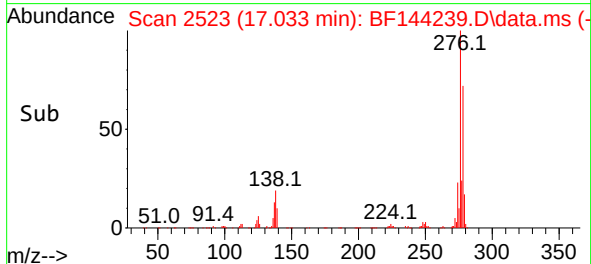
Instrument :
BNA_F
ClientSampleId :
S-1MS



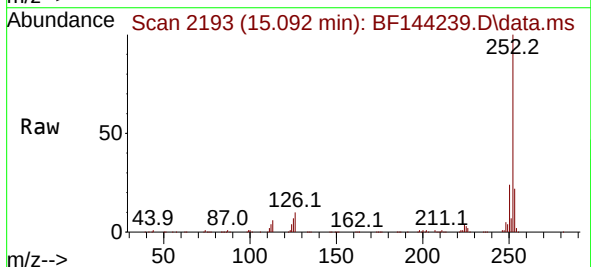
Tgt Ion:276 Resp: 320320
Ion Ratio Lower Upper
276 100
138 19.7 13.9 20.9
277 24.6 19.8 29.6

Manual Integrations
APPROVED

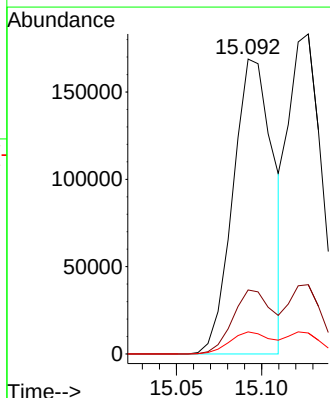
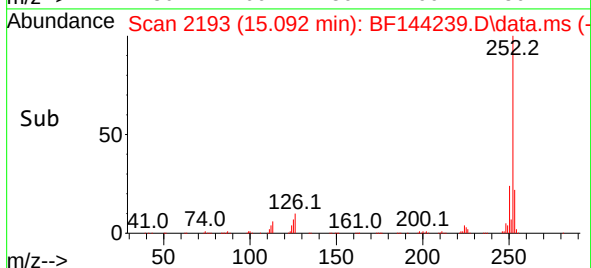
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

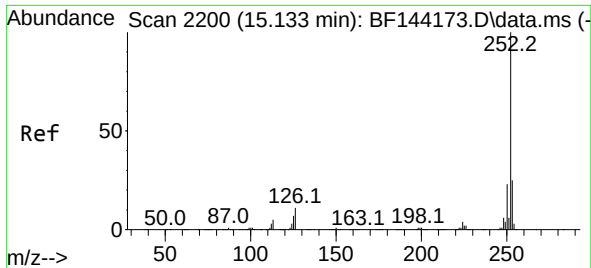


#88
Benzo(b)fluoranthene
Concen: 51.319 ng
RT: 15.092 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20



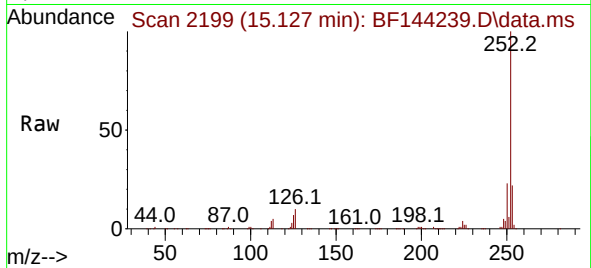
Tgt Ion:252 Resp: 276992
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 7.5 5.3 7.9





#89
Benzo(k)fluoranthene
Concen: 49.662 ng
RT: 15.127 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

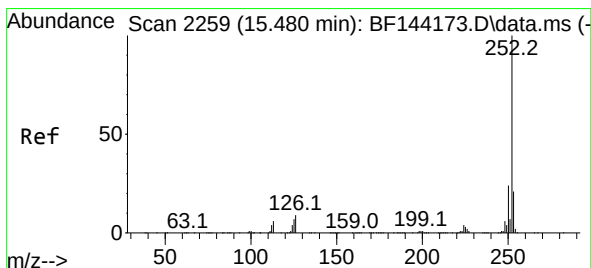
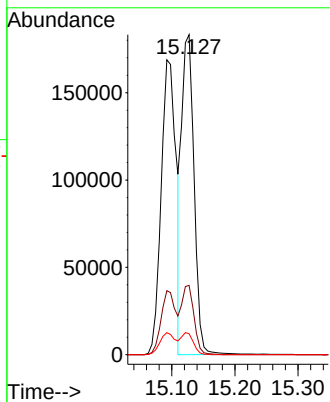
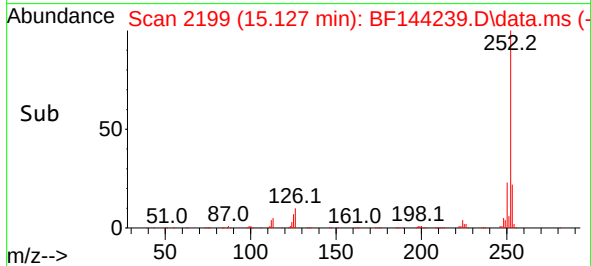
Instrument :
BNA_F
ClientSampleId :
S-1MS



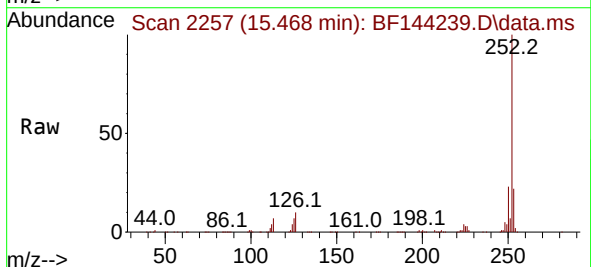
Tgt Ion:252 Resp: 25089
Ion Ratio Lower Upper
252 100
253 21.6 18.0 27.0
125 6.6 5.4 8.2

Manual Integrations
APPROVED

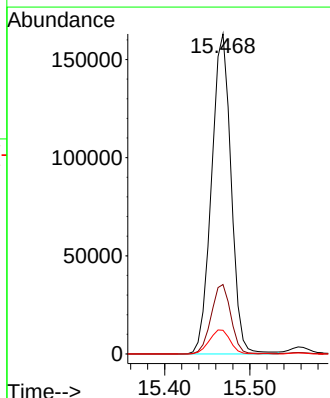
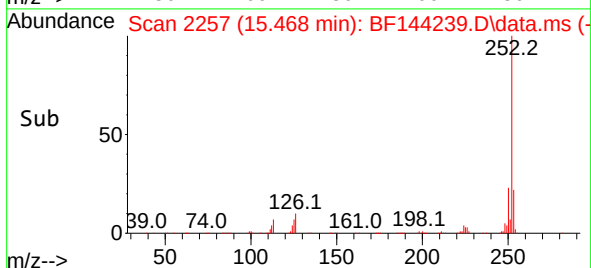
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

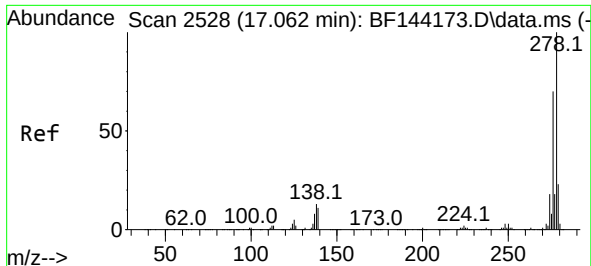


#90
Benzo(a)pyrene
Concen: 52.170 ng
RT: 15.468 min Scan# 2257
Delta R.T. -0.006 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20



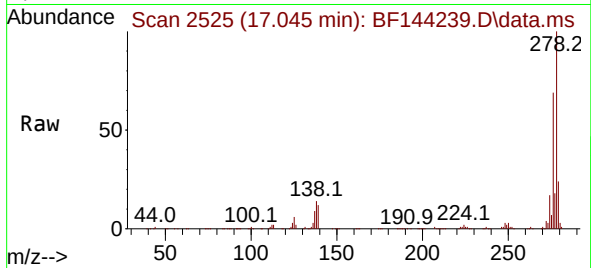
Tgt Ion:252 Resp: 259774
Ion Ratio Lower Upper
252 100
253 21.7 16.7 25.1
125 7.4 5.7 8.5





#91
Dibenzo(a,h)anthracene
Concen: 47.591 ng
RT: 17.045 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20

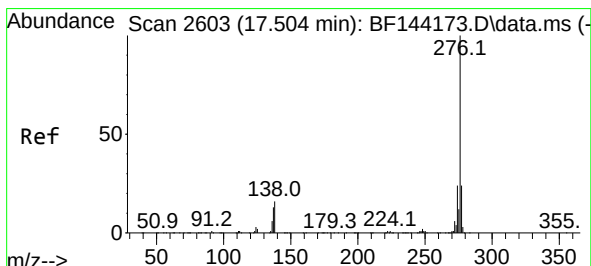
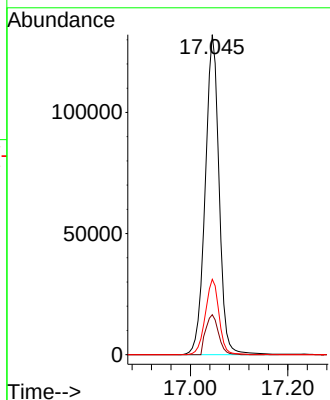
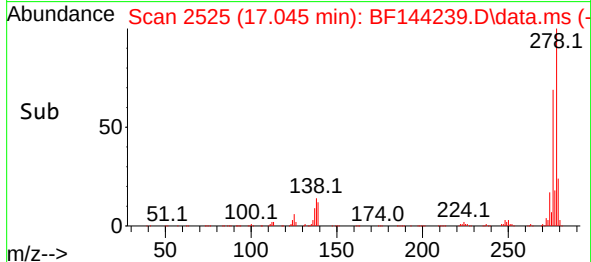
Instrument :
BNA_F
ClientSampleId :
S-1MS



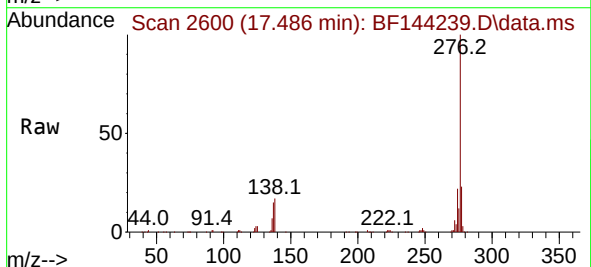
Tgt Ion:278 Resp: 260475
Ion Ratio Lower Upper
278 100
139 12.5 9.1 13.7
279 23.6 18.2 27.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#92
Benzo(g,h,i)perylene
Concen: 46.550 ng
RT: 17.486 min Scan# 2600
Delta R.T. -0.006 min
Lab File: BF144239.D
Acq: 12 Nov 2025 20:20



Tgt Ion:276 Resp: 251595
Ion Ratio Lower Upper
276 100
277 23.3 19.0 28.4
138 17.5 12.9 19.3

