

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111225\
 Data File : BF144233.D
 Acq On : 12 Nov 2025 17:21
 Operator : RC/JU
 Sample : PB170473BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170473BS

Manual Integrations
 APPROVED

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

Quant Time: Nov 13 10:40:09 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	53265	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	208695	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	114165	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	198802	20.000	ng	0.00
76) Chrysene-d12	14.051	240	102221	20.000	ng	# 0.00
86) Perylene-d12	15.527	264	129703	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	343236	100.839	ng	0.01
7) Phenol-d6	6.504	99	394085	102.180	ng	0.00
23) Nitrobenzene-d5	7.434	82	258008	71.402	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	145604	101.633	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	517969	67.009	ng	0.00
79) Terphenyl-d14	12.986	244	516954	80.329	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	53216	37.816	ng	98
3) Pyridine	3.499	79	153754	39.163	ng	97
4) n-Nitrosodimethylamine	3.452	42	89281	43.536	ng	92
6) Aniline	6.534	93	173803	31.630	ng	95
8) 2-Chlorophenol	6.657	128	130914	39.219	ng	99
9) Benzaldehyde	6.422	77	81838	37.578	ng	97
10) Phenol	6.516	94	177072	37.578	ng	92
11) bis(2-Chloroethyl)ether	6.604	93	138516	40.342	ng	96
12) 1,3-Dichlorobenzene	6.810	146	152477	37.018	ng	98
13) 1,4-Dichlorobenzene	6.887	146	155672	37.724	ng	100
14) 1,2-Dichlorobenzene	7.040	146	150419	38.030	ng	99
15) Benzyl Alcohol	7.010	79	127042	41.600	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	282689	44.708	ng	98
17) 2-Methylphenol	7.122	107	107951	40.651	ng	99
18) Hexachloroethane	7.381	117	51302	37.420	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	96758	38.110	ng	94
20) 3+4-Methylphenols	7.275	107	117653	37.584	ng	99
22) Acetophenone	7.281	105	163610	36.545	ng	94
24) Nitrobenzene	7.451	77	151558	38.630	ng	99
25) Isophorone	7.693	82	279013	40.822	ng	99
26) 2-Nitrophenol	7.769	139	78013	40.169	ng	97
27) 2,4-Dimethylphenol	7.804	122	125903	43.252	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	174948	40.989	ng	98
29) 2,4-Dichlorophenol	8.010	162	121626	36.252	ng	98
30) 1,2,4-Trichlorobenzene	8.093	180	129412	37.564	ng	95
31) Naphthalene	8.175	128	363061	36.572	ng	99
32) Benzoic acid	7.934	122	87856	41.174	ng	94
33) 4-Chloroaniline	8.222	127	79741	22.024	ng	98
34) Hexachlorobutadiene	8.287	225	88244	33.987	ng	99
35) Caprolactam	8.598	113	41999m	45.692	ng	
36) 4-Chloro-3-methylphenol	8.704	107	118084	39.272	ng	97
37) 2-Methylnaphthalene	8.863	142	226902	34.185	ng	100
38) 1-Methylnaphthalene	8.963	142	231287	36.114	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	136585	36.505	ng	98
41) Hexachlorocyclopentadiene	9.016	237	117926	80.491	ng	97
43) 2,4,6-Trichlorophenol	9.145	196	95293	37.420	ng	99

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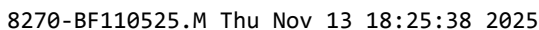
Quant Time: Nov 13 10:40:09 2025
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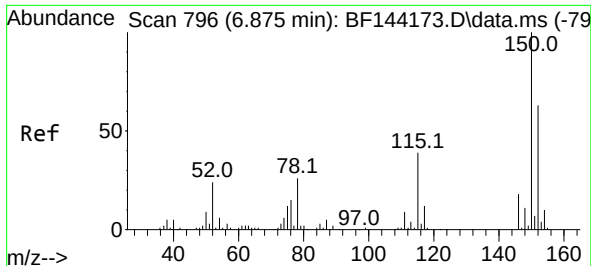
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	101130	36.847	ng	98
46) 1,1'-Biphenyl	9.328	154	307742	38.617	ng	99
47) 2-Chloronaphthalene	9.357	162	257832	37.929	ng	98
48) 2-Nitroaniline	9.451	65	83370	42.506	ng	98
49) Acenaphthylene	9.775	152	394409	42.577	ng	100
50) Dimethylphthalate	9.634	163	309138	40.874	ng	98
51) 2,6-Dinitrotoluene	9.698	165	64785	42.314	ng	99
52) Acenaphthene	9.945	154	220212	35.549	ng	100
53) 3-Nitroaniline	9.863	138	48154	28.772	ng	98
54) 2,4-Dinitrophenol	9.975	184	66219	71.625	ng	97
55) Dibenzofuran	10.116	168	321747	37.086	ng	99
56) 4-Nitrophenol	10.034	139	89353	73.805	ng	95
57) 2,4-Dinitrotoluene	10.104	165	84003	40.985	ng	93
58) Fluorene	10.463	166	249479	37.821	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	76894	39.598	ng	99
60) Diethylphthalate	10.334	149	280914	40.291	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	135604	36.090	ng	97
62) 4-Nitroaniline	10.486	138	65552	41.128	ng	92
63) Azobenzene	10.610	77	277717	42.800	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	48776	36.116	ng	98
66) n-Nitrosodiphenylamine	10.569	169	251635	39.355	ng	98
67) 4-Bromophenyl-phenylether	10.939	248	93124	36.699	ng	96
68) Hexachlorobenzene	11.010	284	109416	36.608	ng	97
69) Atrazine	11.098	200	85252	41.925	ng	99
70) Pentachlorophenol	11.210	266	103514	69.550	ng	99
71) Phenanthrene	11.428	178	369076	37.288	ng	99
72) Anthracene	11.481	178	378469	37.604	ng	99
73) Carbazole	11.633	167	324324	37.896	ng	100
74) Di-n-butylphthalate	11.957	149	425741	41.150	ng	99
75) Fluoranthene	12.616	202	361607	35.366	ng	98
77) Benzidine	12.739	184	171107	56.590	ng	99
78) Pyrene	12.845	202	353534	42.894	ng	99
80) Butylbenzylphthalate	13.463	149	134916	47.230	ng	98
81) Benzo(a)anthracene	14.039	228	281576	39.744	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	64071	26.384	ng	99
83) Chrysene	14.074	228	258095	39.463	ng	99
84) Bis(2-ethylhexyl)phtha...	14.022	149	173549	44.381	ng	98
85) Di-n-octyl phthalate	14.633	149	259533	38.467	ng	98
87) Indeno(1,2,3-cd)pyrene	17.033	276	336289	36.119	ng	96
88) Benzo(b)fluoranthene	15.092	252	288448m	39.118	ng	
89) Benzo(k)fluoranthene	15.127	252	265651	38.489	ng	98
90) Benzo(a)pyrene	15.469	252	276461	40.640	ng	# 98
91) Dibenzo(a,h)anthracene	17.045	278	270948	36.236	ng	97
92) Benzo(g,h,i)perylene	17.486	276	272047	36.843	ng	96

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

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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

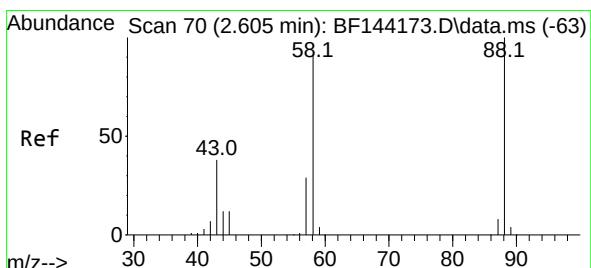
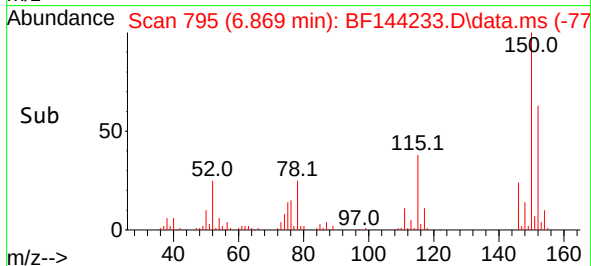
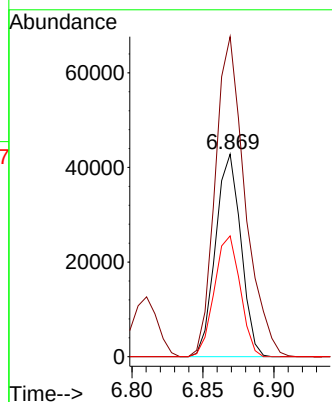
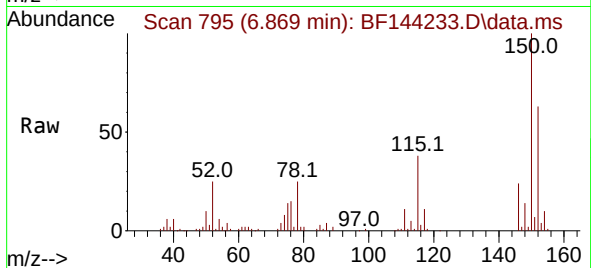
PB170473BS

Tgt Ion:152 Resp: 5326
Ion Ratio Lower Upper
152 100
150 158.0 127.4 191.0
115 59.6 49.5 74.3

Manual Integrations

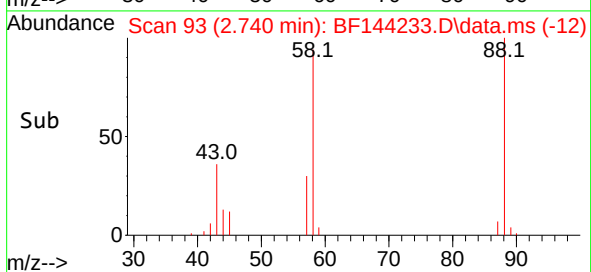
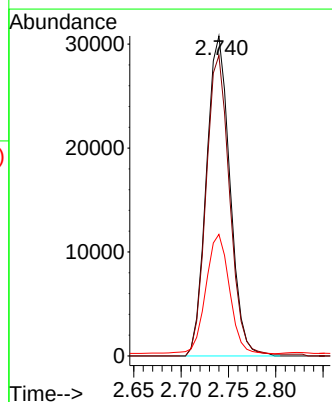
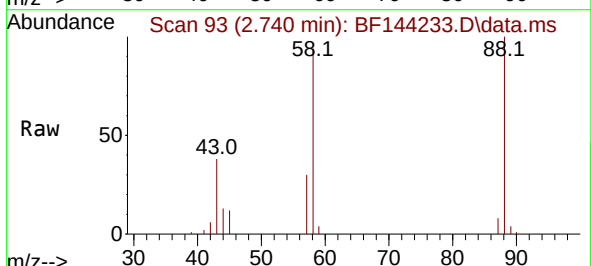
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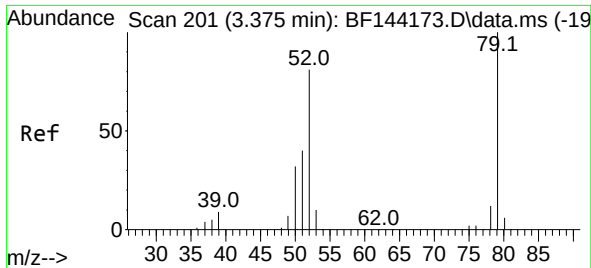
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#2
1,4-Dioxane
Concen: 37.816 ng
RT: 2.740 min Scan# 93
Delta R.T. 0.124 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

Tgt Ion: 88 Resp: 53216
Ion Ratio Lower Upper
88 100
58 93.8 73.1 109.7
43 37.5 31.0 46.6





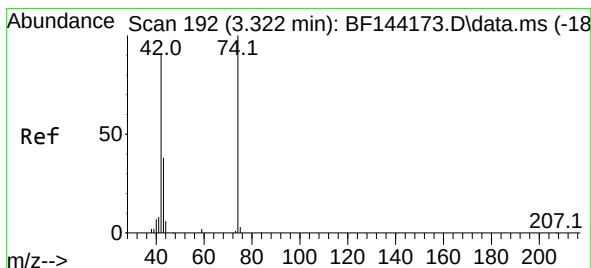
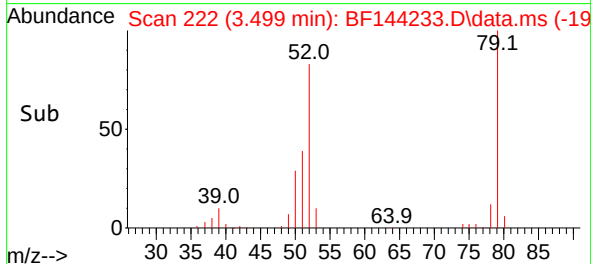
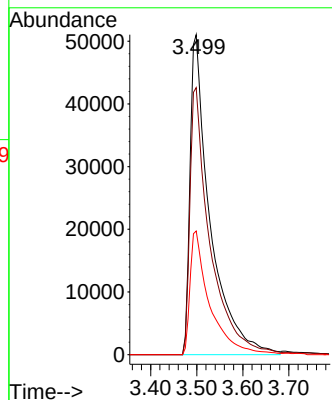
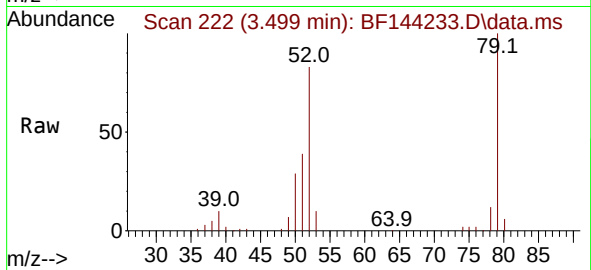
#3
Pyridine
Concen: 39.163 ng
RT: 3.499 min Scan# 214
Delta R.T. 0.088 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

Instrument :
BNA_F
ClientSampleId :
PB170473BS

Tgt Ion: 79 Resp: 153754
Ion Ratio Lower Upper
79 100
52 83.5 64.5 96.7
51 38.6 31.7 47.5

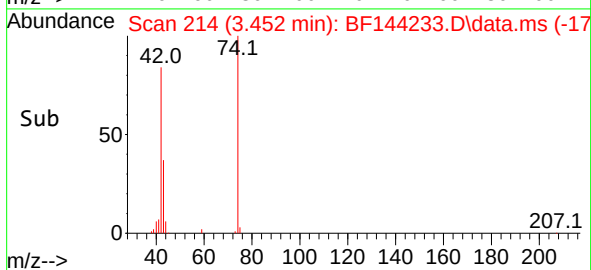
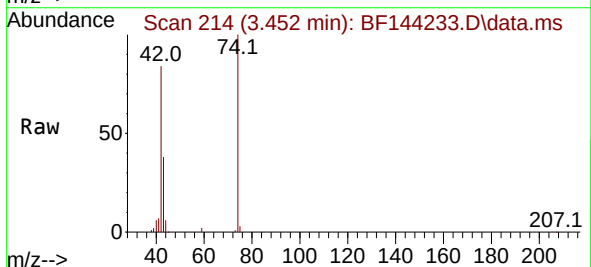
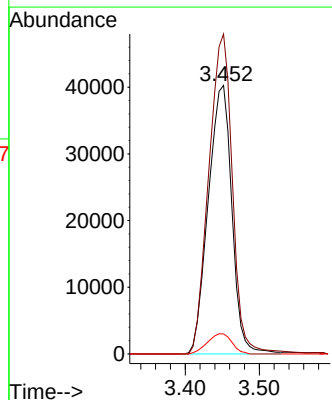
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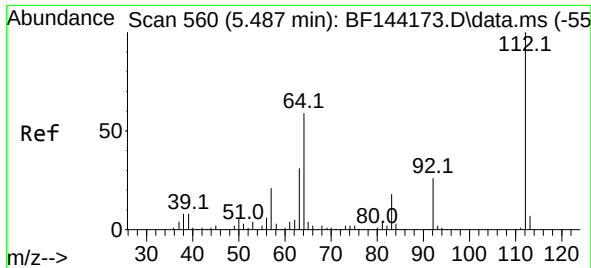
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#4
n-Nitrosodimethylamine
Concen: 43.536 ng
RT: 3.452 min Scan# 214
Delta R.T. 0.106 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

Tgt Ion: 42 Resp: 89281
Ion Ratio Lower Upper
42 100
74 119.1 88.2 132.4
44 7.4 5.7 8.5





#5
2-Fluorophenol
Concen: 100.839 ng
RT: 5.504 min Scan# 560
Delta R.T. 0.012 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

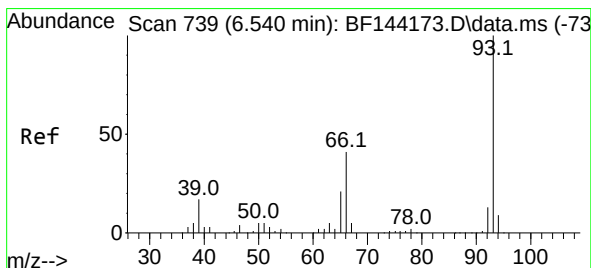
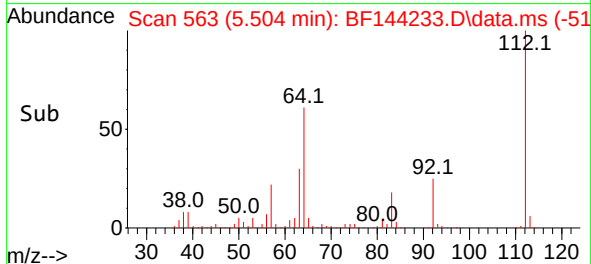
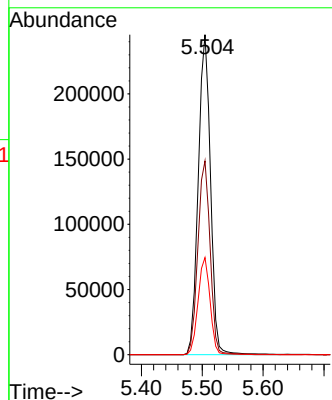
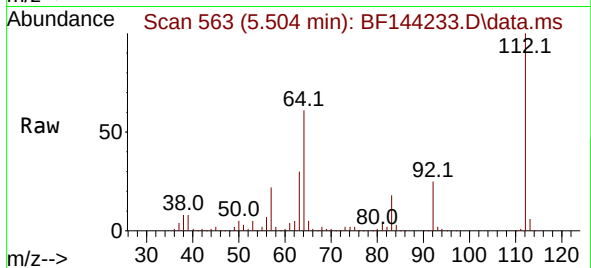
PB170473BS

Tgt Ion:112 Resp: 343230
Ion Ratio Lower Upper
112 100
64 60.6 47.2 70.8
63 30.3 24.4 36.6

Manual Integrations

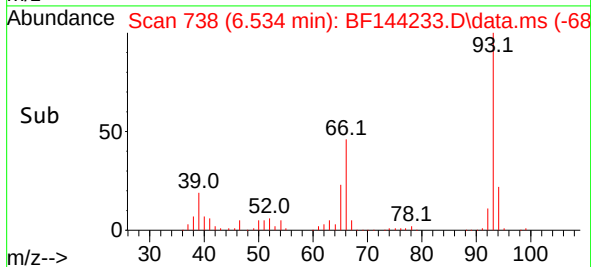
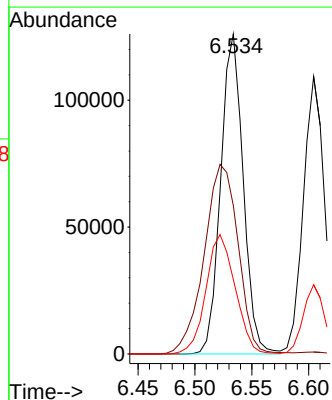
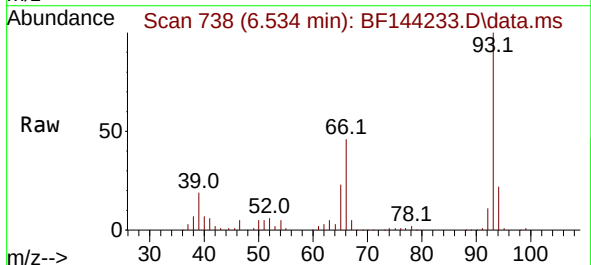
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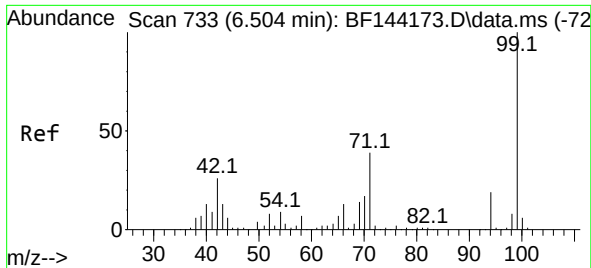
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#6
Aniline
Concen: 31.630 ng
RT: 6.534 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

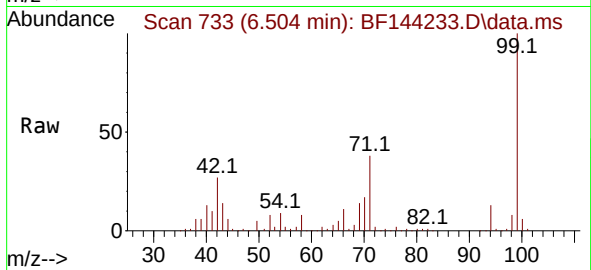
Tgt Ion: 93 Resp: 173803
Ion Ratio Lower Upper
93 100
66 46.4 34.3 51.5
65 23.2 16.9 25.3





#7
Phenol-d6
Concen: 102.180 ng
RT: 6.504 min Scan# 733
Delta R.T. 0.006 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

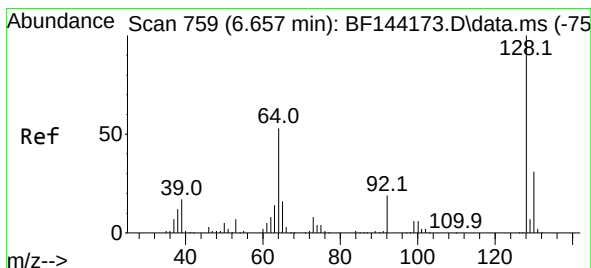
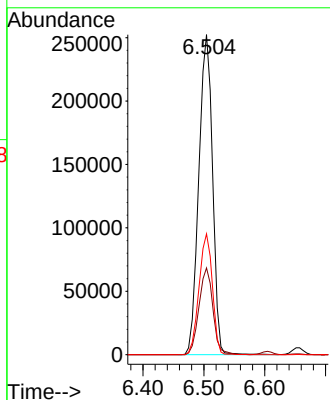
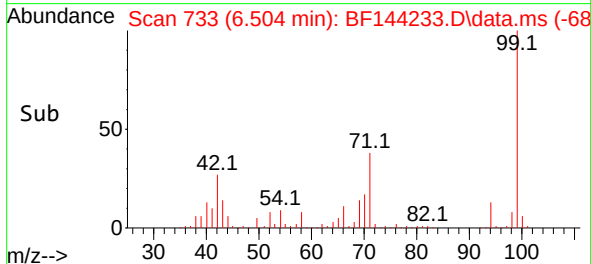
Instrument :
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Tgt Ion: 99 Resp: 394085
Ion Ratio Lower Upper
99 100
42 27.1 20.9 31.3
71 37.7 31.4 47.2

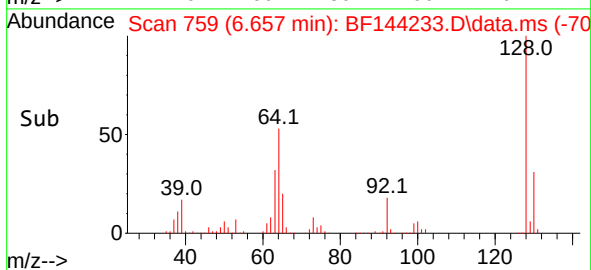
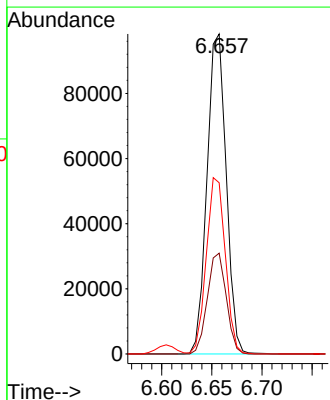
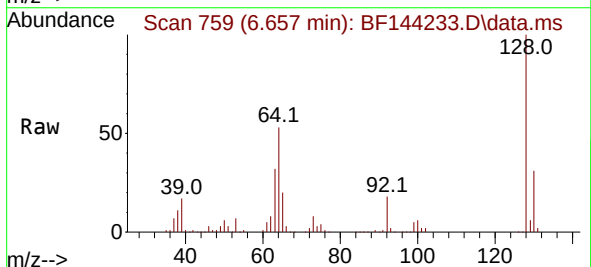
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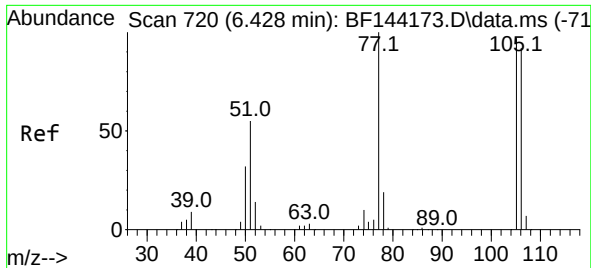
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#8
2-Chlorophenol
Concen: 39.219 ng
RT: 6.657 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

Tgt Ion:128 Resp: 130914
Ion Ratio Lower Upper
128 100
130 31.5 10.5 50.5
64 53.5 33.2 73.2





#9

Benzaldehyde

Concen: 37.578 ng

RT: 6.422 min Scan# 719

Delta R.T. -0.006 min

Lab File: BF144233.D

Acq: 12 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

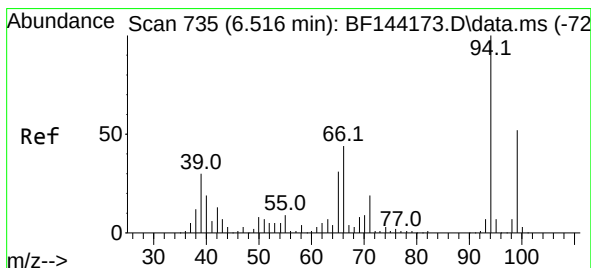
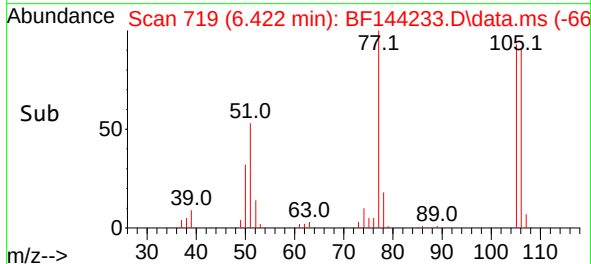
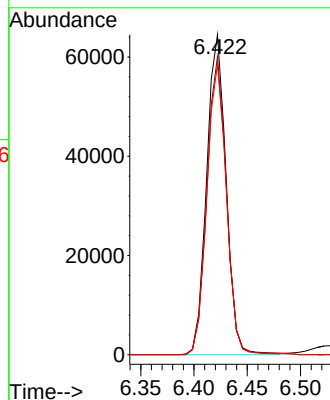
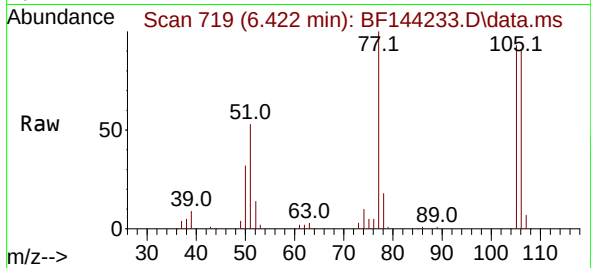
PB170473BS

Tgt Ion: 77	Resp: 81838
Ion Ratio	Lower Upper
77 100	
105 93.1	77.2 117.2
106 90.7	72.2 112.2

Manual Integrations

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#10

Phenol

Concen: 37.578 ng

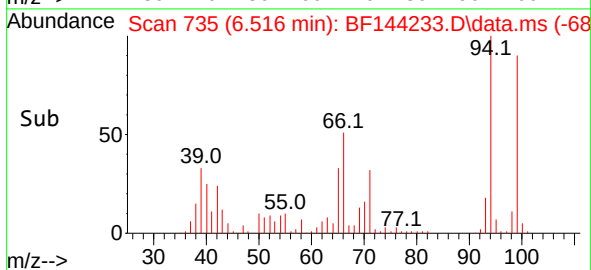
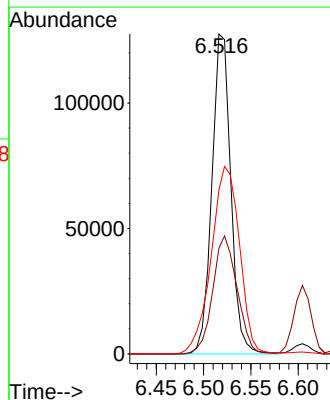
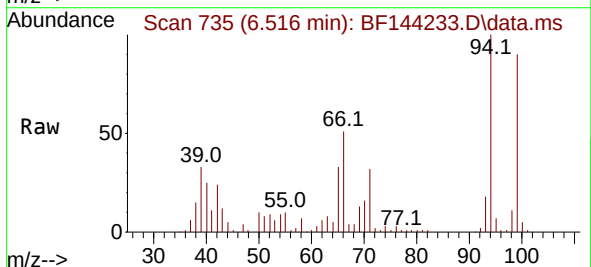
RT: 6.516 min Scan# 735

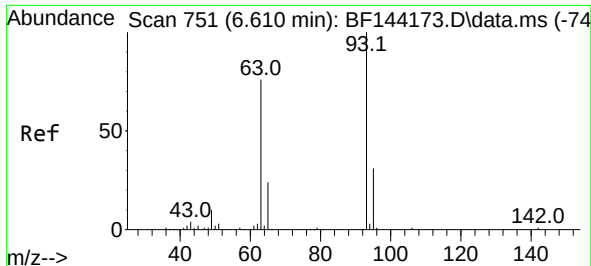
Delta R.T. 0.006 min

Lab File: BF144233.D

Acq: 12 Nov 2025 17:21

Tgt Ion: 94	Resp: 177072
Ion Ratio	Lower Upper
94 100	
65 33.0	10.8 50.8
66 51.2	24.3 64.3





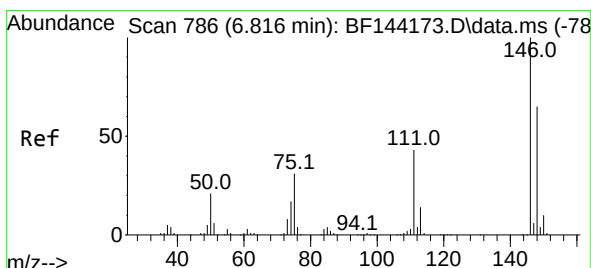
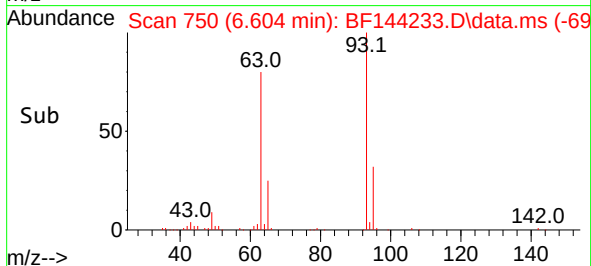
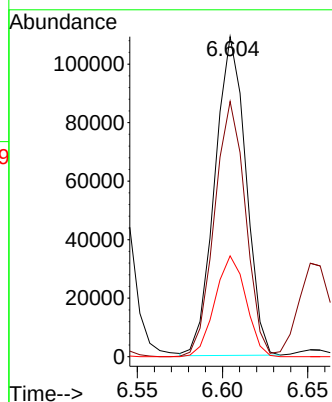
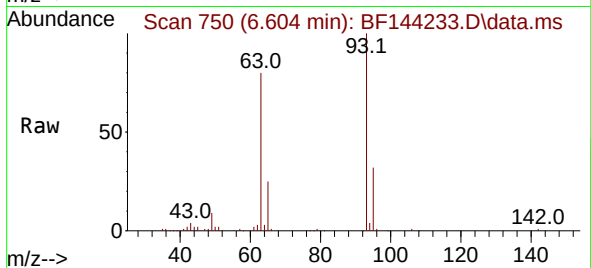
#11
bis(2-Chloroethyl)ether
Concen: 40.342 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

Instrument :
BNA_F
ClientSampleId :
PB170473BS

Tgt Ion: 93 Resp: 138510
Ion Ratio Lower Upper
93 100
63 79.8 55.2 95.2
95 31.5 11.2 51.2

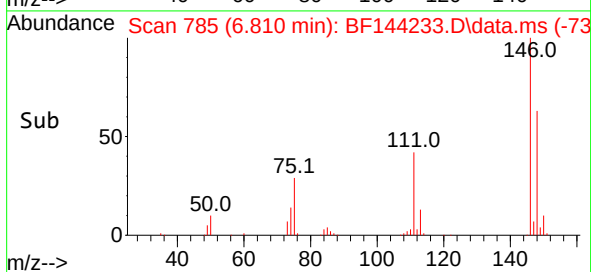
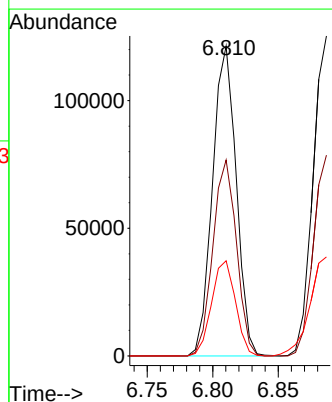
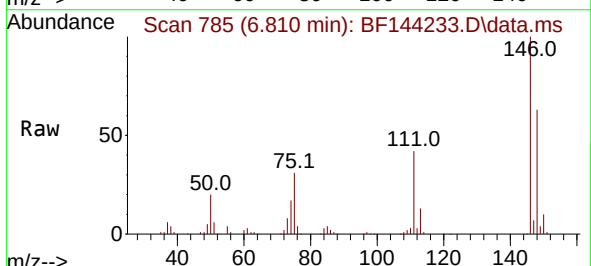
Manual Integrations
APPROVED

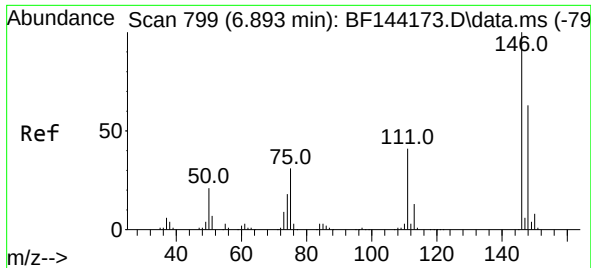
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#12
1,3-Dichlorobenzene
Concen: 37.018 ng
RT: 6.810 min Scan# 785
Delta R.T. -0.006 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

Tgt Ion:146 Resp: 152477
Ion Ratio Lower Upper
146 100
148 63.3 51.8 77.8
75 30.7 25.0 37.4





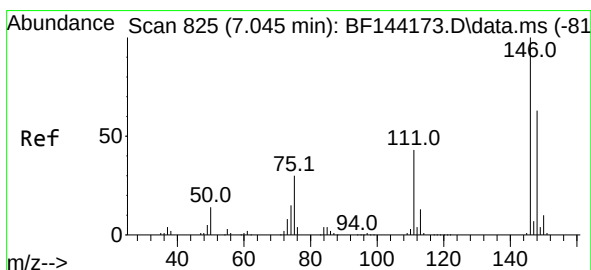
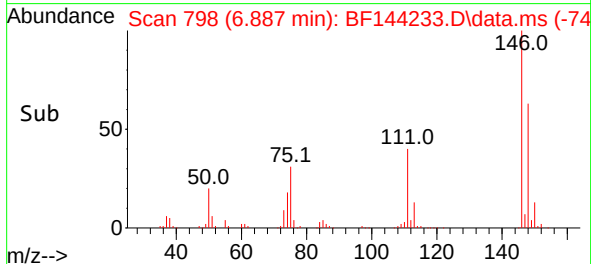
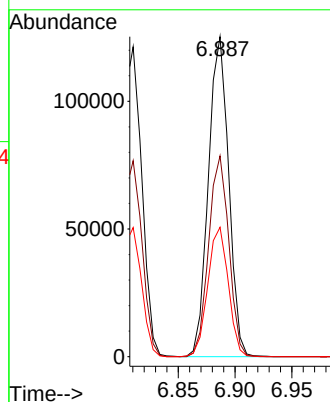
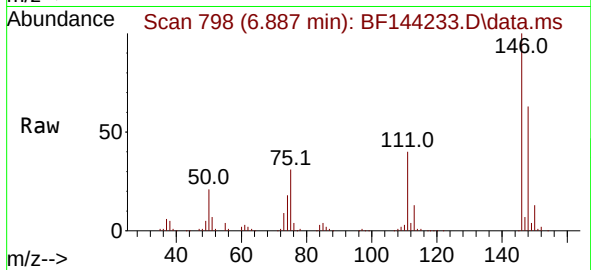
#13
1,4-Dichlorobenzene
Concen: 37.724 ng
RT: 6.887 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

Instrument :
BNA_F
ClientSampleId :
PB170473BS

Tgt Ion:146 Resp: 155672
Ion Ratio Lower Upper
146 100
148 62.7 50.2 75.2
111 40.5 32.6 48.8

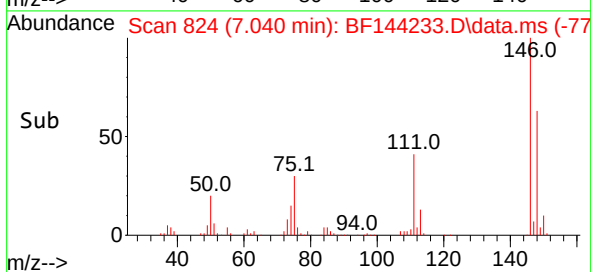
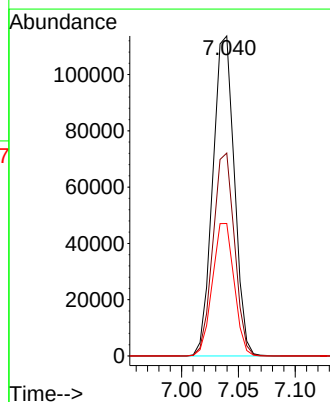
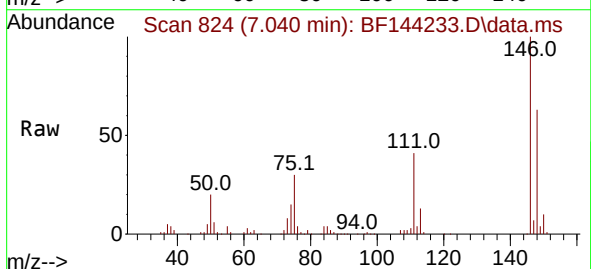
Manual Integrations
APPROVED

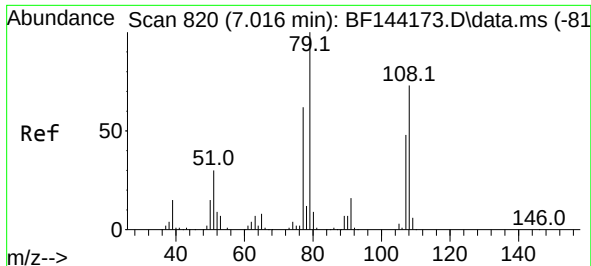
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#14
1,2-Dichlorobenzene
Concen: 38.030 ng
RT: 7.040 min Scan# 824
Delta R.T. -0.006 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

Tgt Ion:146 Resp: 150419
Ion Ratio Lower Upper
146 100
148 63.4 50.7 76.1
111 41.4 34.2 51.4





#15
Benzyl Alcohol
Concen: 41.600 ng
RT: 7.010 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

Instrument :

BNA_F

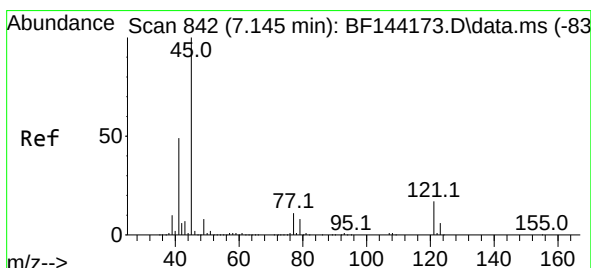
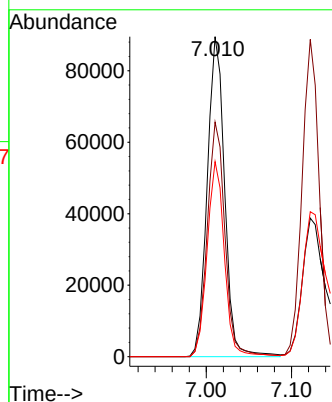
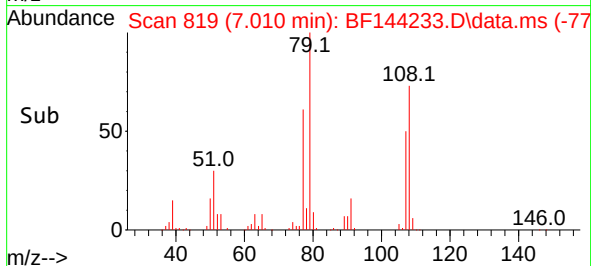
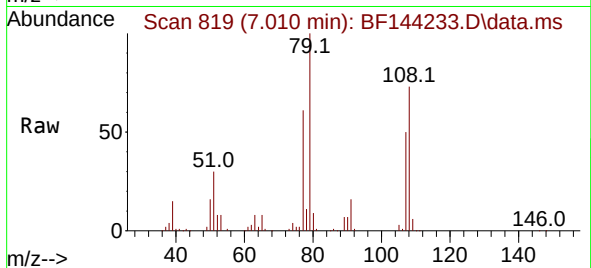
ClientSampleId :

PB170473BS

Tgt Ion: 79 Resp: 12704
Ion Ratio Lower Upper
79 100
108 73.3 58.2 87.4
77 60.9 49.9 74.9

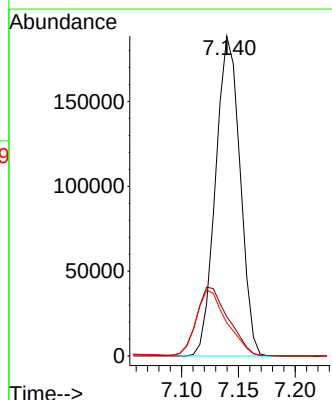
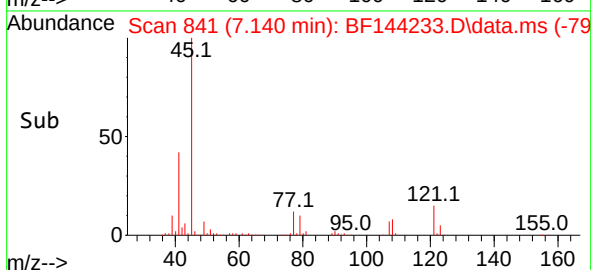
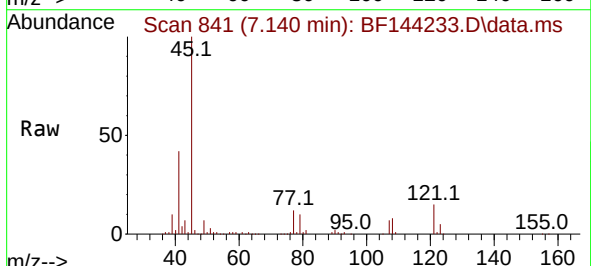
Manual Integrations
APPROVED

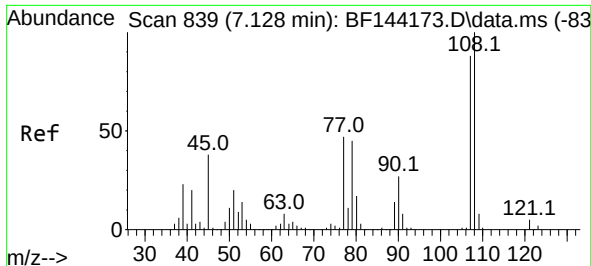
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.708 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

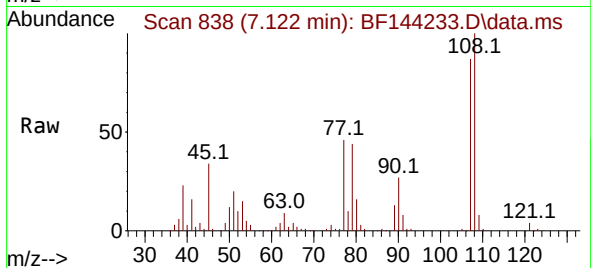
Tgt Ion: 45 Resp: 282689
Ion Ratio Lower Upper
45 100
77 12.3 0.0 31.8
79 10.3 0.0 29.1





#17
2-Methylphenol
Concen: 40.651 ng
RT: 7.122 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

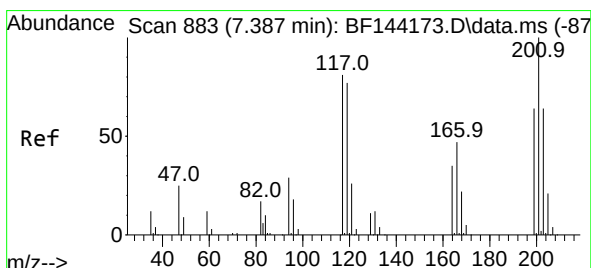
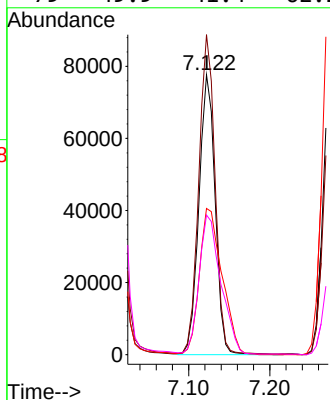
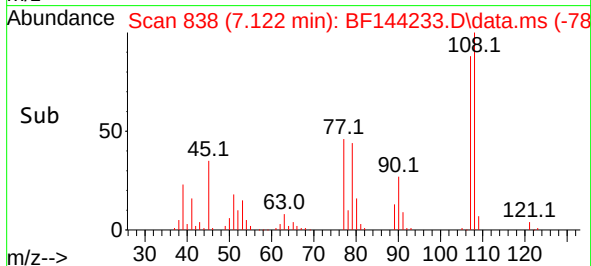
Instrument :
BNA_F
ClientSampleId :
PB170473BS



Tgt Ion:107 Resp: 10795
Ion Ratio Lower Upper
107 100
108 114.4 91.0 136.4
77 52.2 42.7 64.1
79 49.9 41.4 62.2

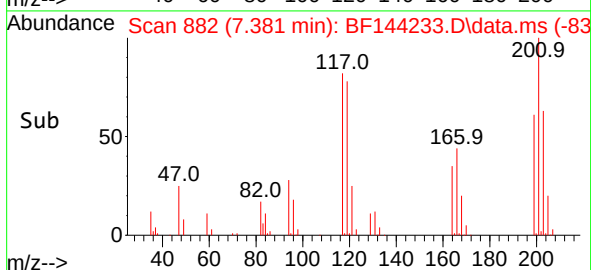
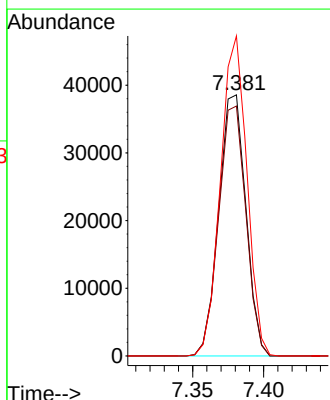
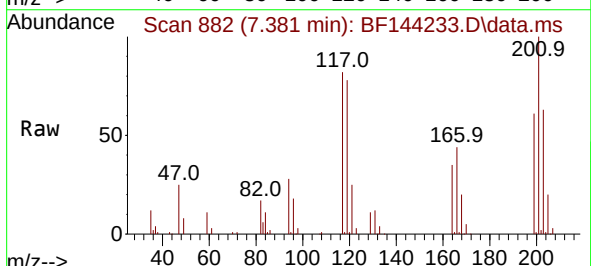
Manual Integrations
APPROVED

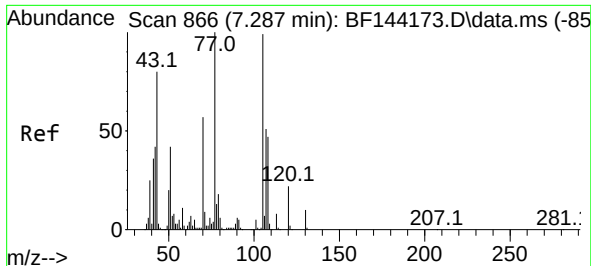
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#18
Hexachloroethane
Concen: 37.420 ng
RT: 7.381 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

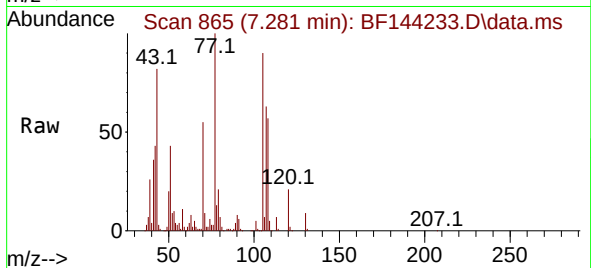
Tgt Ion:117 Resp: 51302
Ion Ratio Lower Upper
117 100
119 95.7 75.8 113.8
201 122.5 98.9 148.3





#19
n-Nitroso-di-n-propylamine
Concen: 38.110 ng
RT: 7.281 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

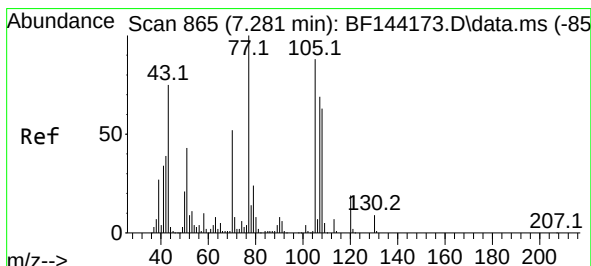
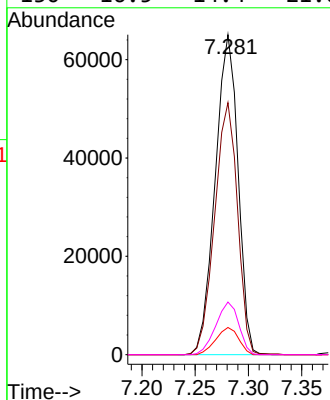
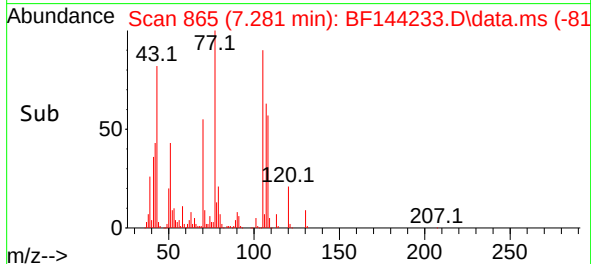
Instrument :
BNA_F
ClientSampleId :
PB170473BS



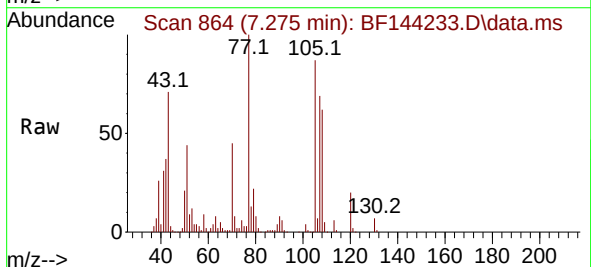
Tgt Ion: 70 Resp: 96758
Ion Ratio Lower Upper
70 100
42 78.7 58.3 87.5
101 8.5 7.0 10.6
130 16.5 14.4 21.6

Manual Integrations
APPROVED

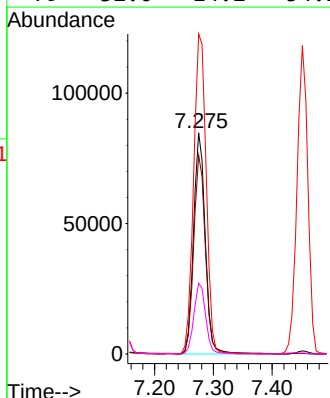
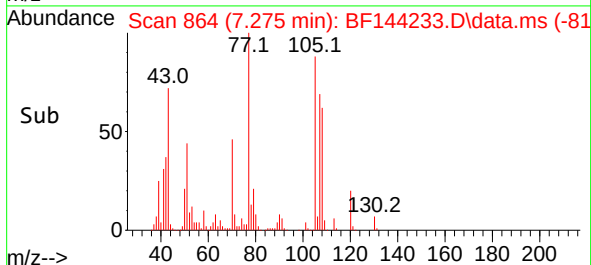
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

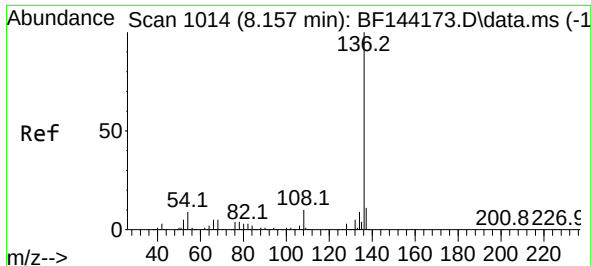


#20
3+4-Methylphenols
Concen: 37.584 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21



Tgt Ion:107 Resp: 117653
Ion Ratio Lower Upper
107 100
108 89.8 70.2 110.2
77 144.7 123.9 163.9
79 32.0 14.2 54.2





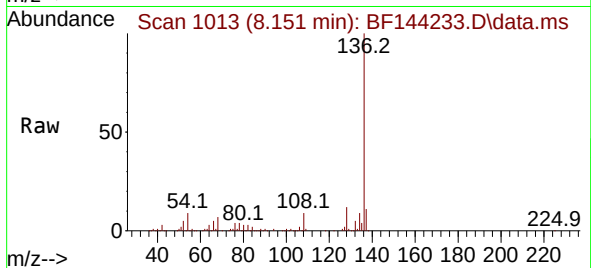
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

PB170473BS

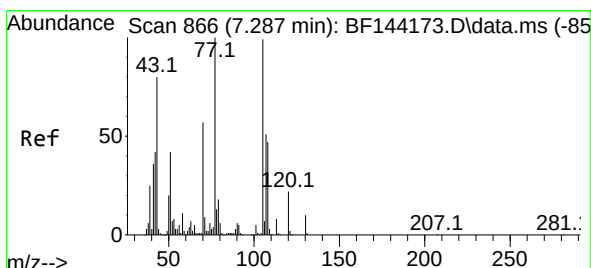
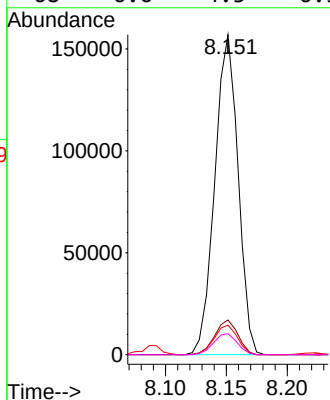
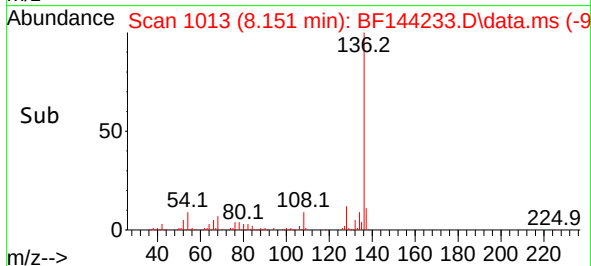


Tgt Ion:136 Resp: 20869
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.2 7.0 10.6
68 6.6 4.3 6.5#

Manual Integrations

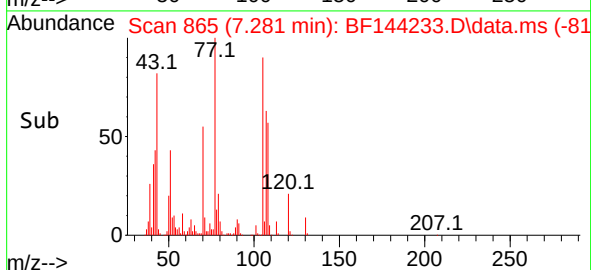
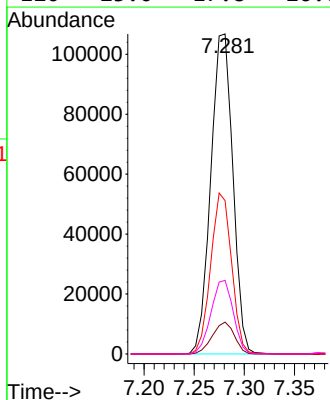
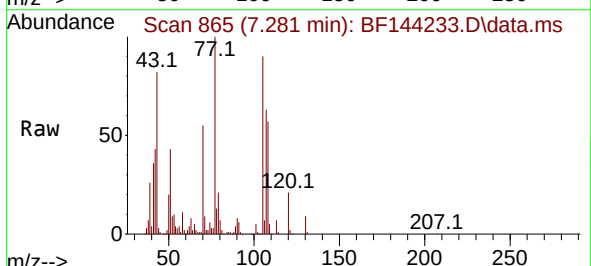
APPROVED

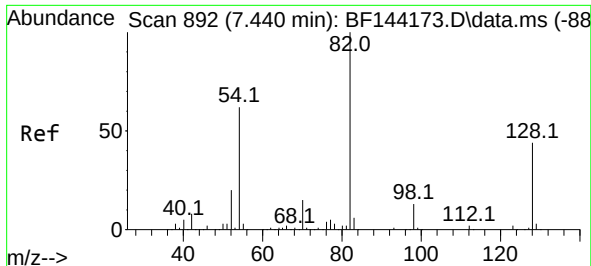
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#22
Acetophenone
Concen: 36.545 ng
RT: 7.281 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

Tgt Ion:105 Resp: 163610
Ion Ratio Lower Upper
105 100
71 10.0 7.2 10.8
51 47.9 34.0 51.0
120 23.0 17.8 26.6





#23

Nitrobenzene-d5

Concen: 71.402 ng

RT: 7.434 min Scan# 891

Delta R.T. 0.000 min

Lab File: BF144233.D

Acq: 12 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

PB170473BS

Tgt Ion: 82 Resp: 258000

Ion Ratio Lower Upper

82 100

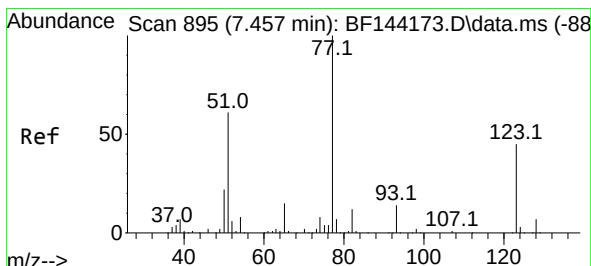
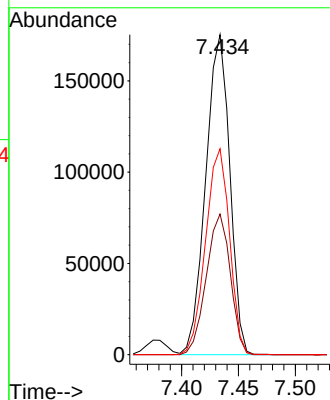
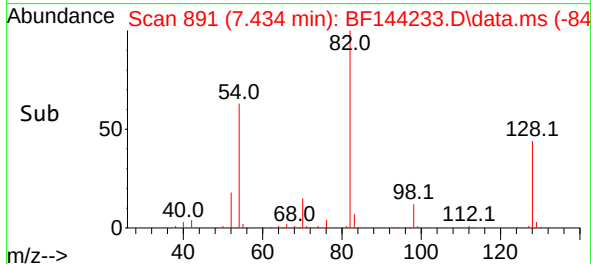
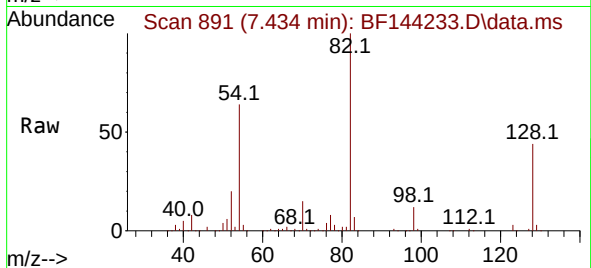
128 44.0 34.7 52.1

54 64.4 49.5 74.3

Manual Integrations

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



#24

Nitrobenzene

Concen: 38.630 ng

RT: 7.451 min Scan# 894

Delta R.T. 0.000 min

Lab File: BF144233.D

Acq: 12 Nov 2025 17:21

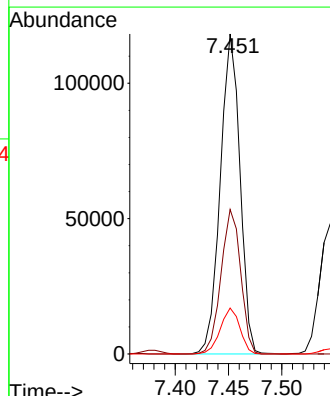
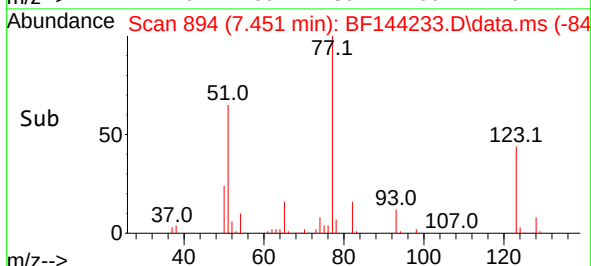
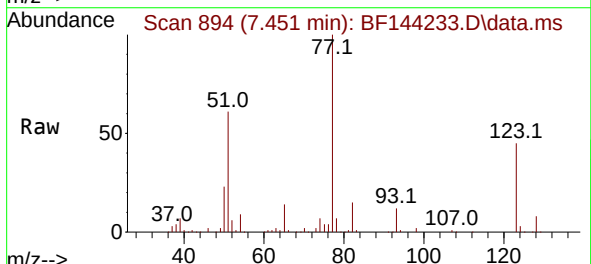
Tgt Ion: 77 Resp: 151558

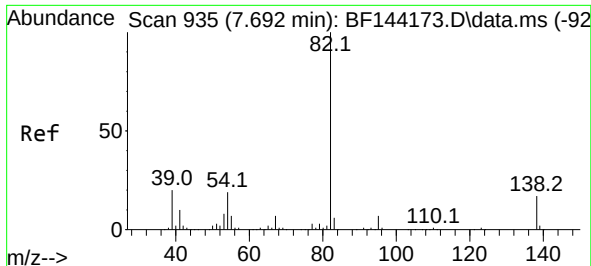
Ion Ratio Lower Upper

77 100

123 45.2 35.8 53.8

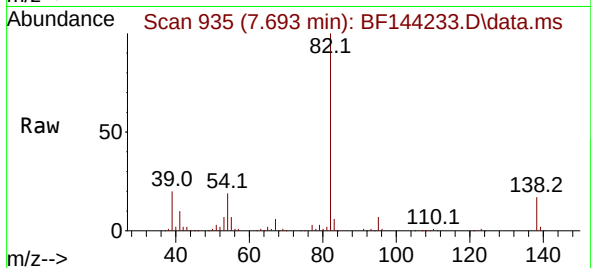
65 14.3 12.2 18.2





#25
Isophorone
Concen: 40.822 ng
RT: 7.693 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

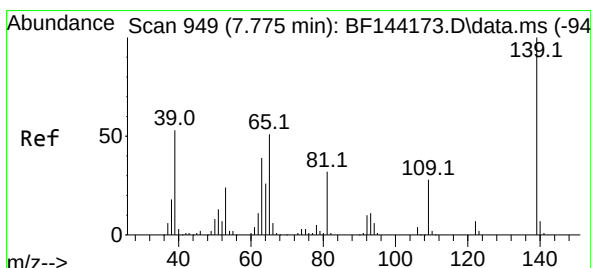
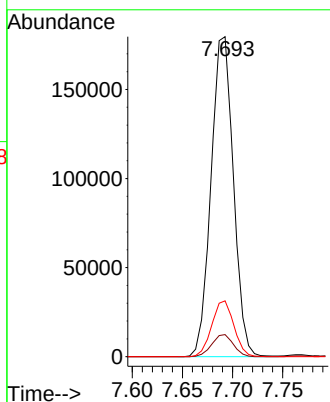
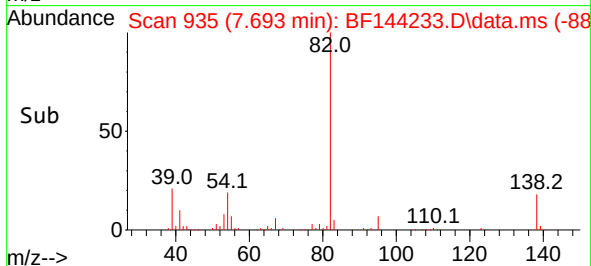
Instrument :
BNA_F
ClientSampleId :
PB170473BS



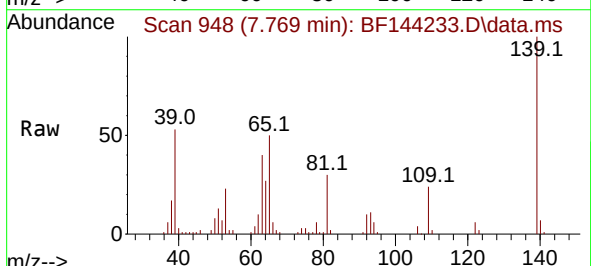
Tgt Ion: 82 Resp: 27901
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 17.4 13.7 20.5

Manual Integrations
APPROVED

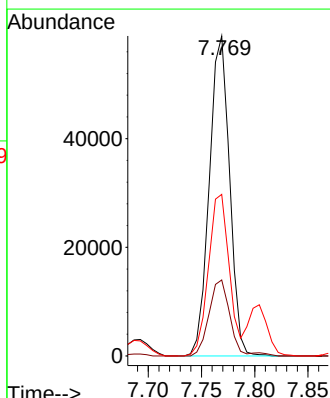
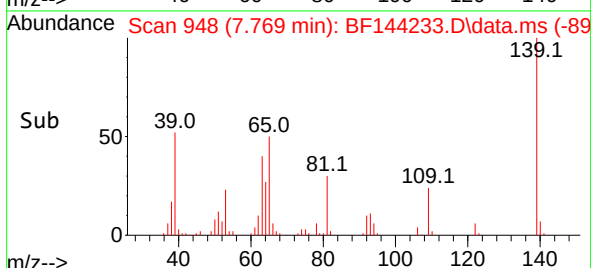
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

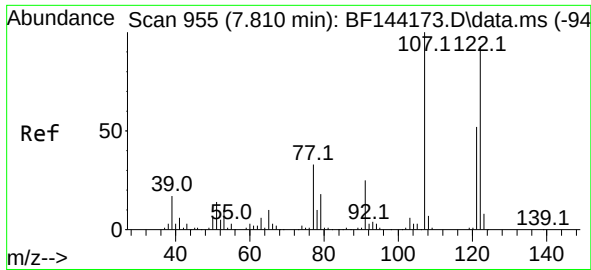


#26
2-Nitrophenol
Concen: 40.169 ng
RT: 7.769 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21



Tgt Ion:139 Resp: 78013
Ion Ratio Lower Upper
139 100
109 23.8 22.2 33.2
65 50.5 40.7 61.1





#27
2,4-Dimethylphenol
Concen: 43.252 ng
RT: 7.804 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

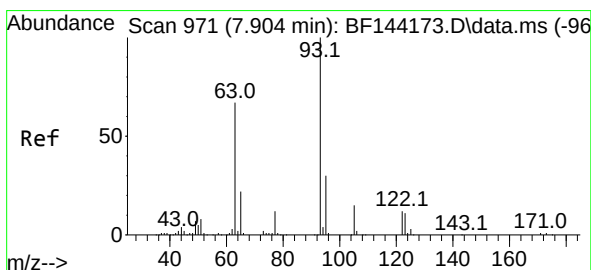
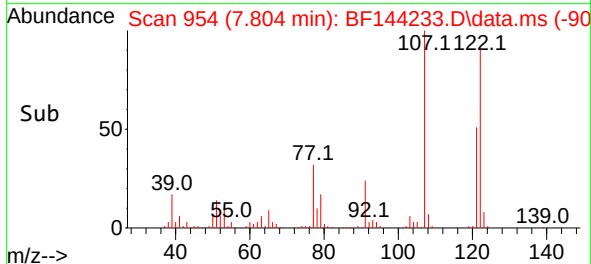
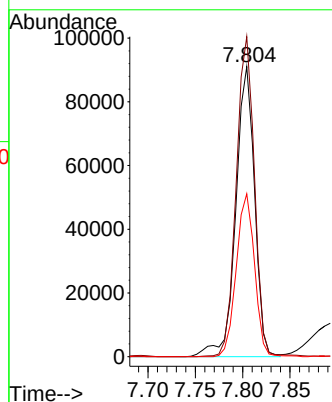
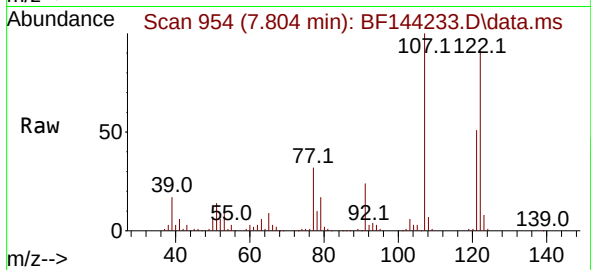
PB170473BS

Tgt Ion:122 Resp: 12590
Ion Ratio Lower Upper
122 100
107 110.3 86.2 129.4
121 56.2 44.6 66.8

Manual Integrations

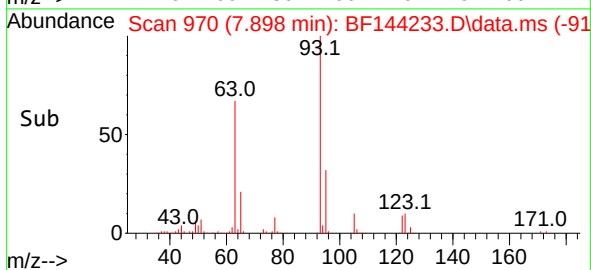
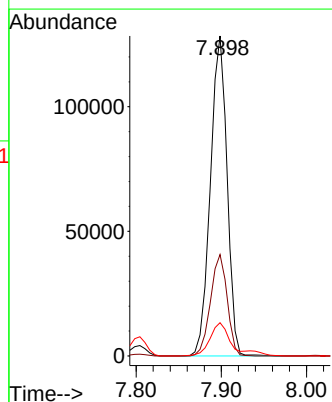
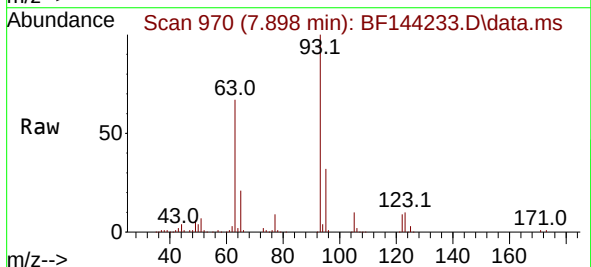
APPROVED

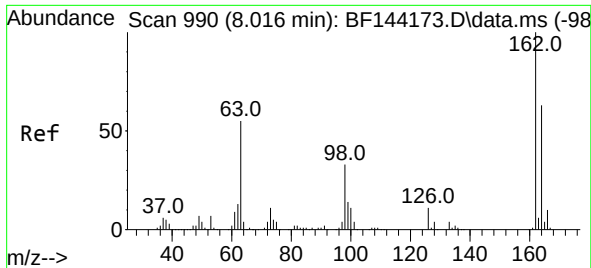
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#28
bis(2-Chloroethoxy)methane
Concen: 40.989 ng
RT: 7.898 min Scan# 970
Delta R.T. 0.000 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

Tgt Ion: 93 Resp: 174948
Ion Ratio Lower Upper
93 100
95 31.7 24.2 36.4
123 10.4 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 36.252 ng

RT: 8.010 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF144233.D

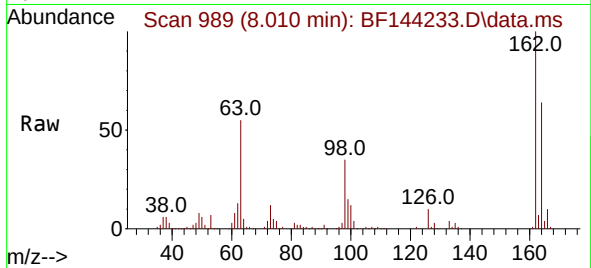
Acq: 12 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

PB170473BS

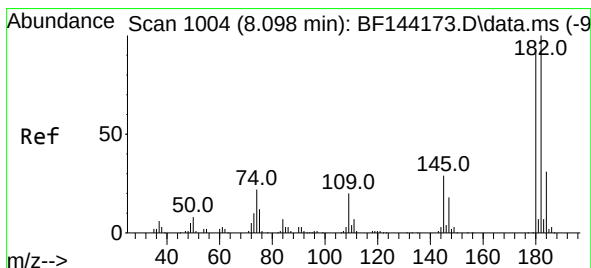
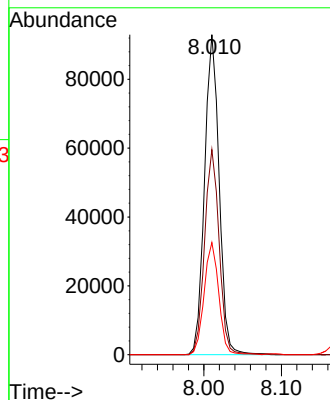
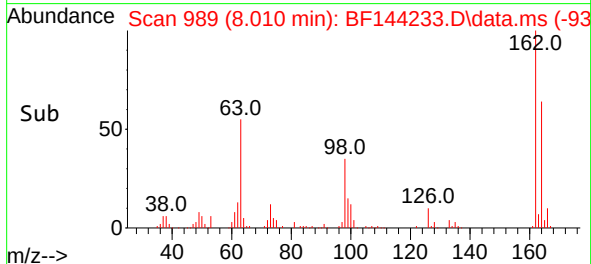


Tgt Ion:	162	Resp:	121620
Ion Ratio	Lower	Upper	
162	100		
164	64.1	42.9	82.9
98	35.0	13.3	53.3

Manual Integrations

APPROVED

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



#30

1,2,4-Trichlorobenzene

Concen: 37.564 ng

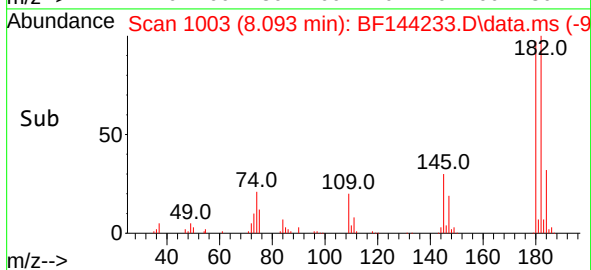
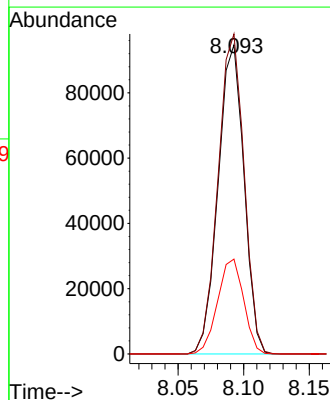
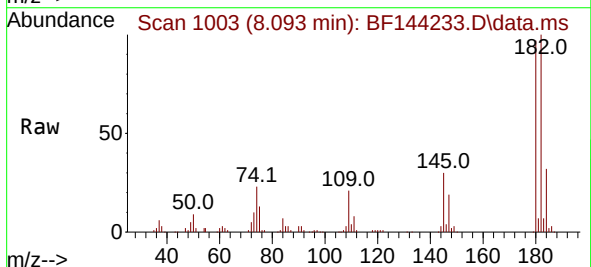
RT: 8.093 min Scan# 1003

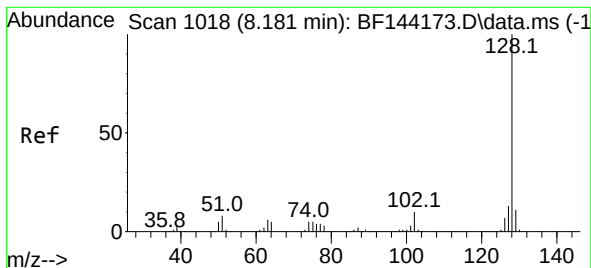
Delta R.T. -0.006 min

Lab File: BF144233.D

Acq: 12 Nov 2025 17:21

Tgt Ion:	180	Resp:	129412
Ion Ratio	Lower	Upper	
180	100		
182	103.5	87.7	131.5
145	30.7	25.4	38.0





#31

Naphthalene

Concen: 36.572 ng

RT: 8.175 min Scan# 1018

Delta R.T. 0.000 min

Lab File: BF144233.D

Acq: 12 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

PB170473BS

Tgt Ion:128 Resp: 36306

Ion Ratio Lower Upper

128 100

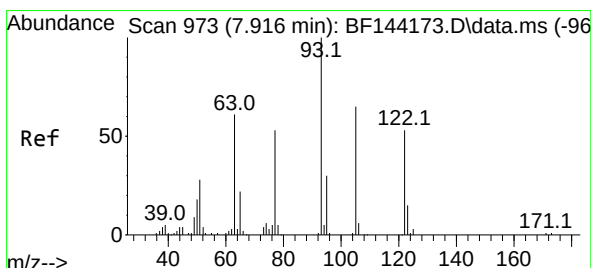
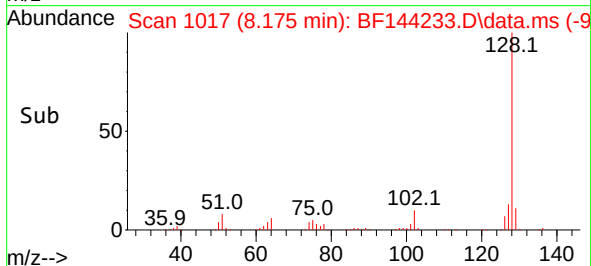
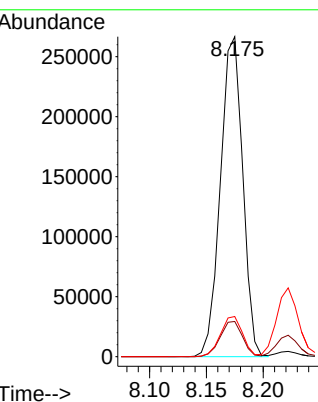
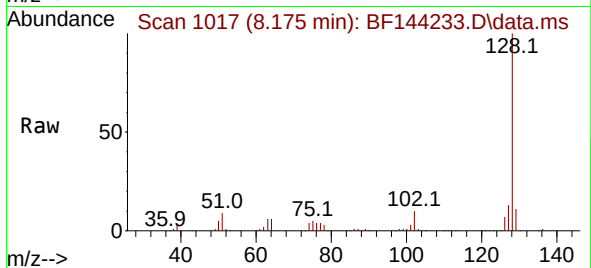
129 11.0 8.9 13.3

127 12.6 10.3 15.5

Manual Integrations

APPROVED

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



#32

Benzoic acid

Concen: 41.174 ng

RT: 7.934 min Scan# 976

Delta R.T. -0.017 min

Lab File: BF144233.D

Acq: 12 Nov 2025 17:21

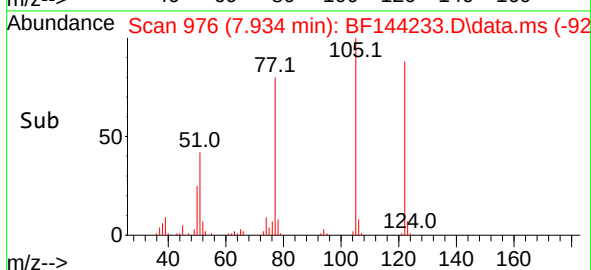
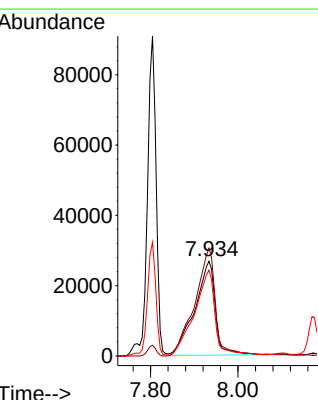
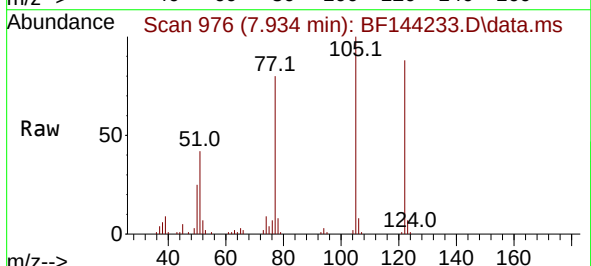
Tgt Ion:122 Resp: 87856

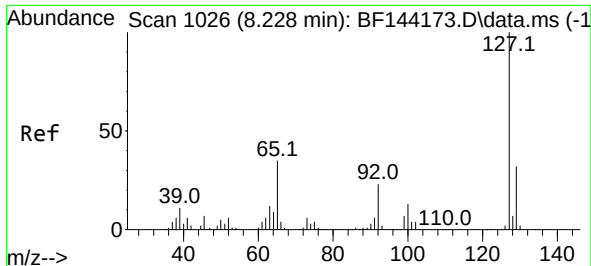
Ion Ratio Lower Upper

122 100

105 113.6 99.9 139.9

77 90.5 77.5 117.5





#33
4-Chloroaniline
Concen: 22.024 ng
RT: 8.222 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

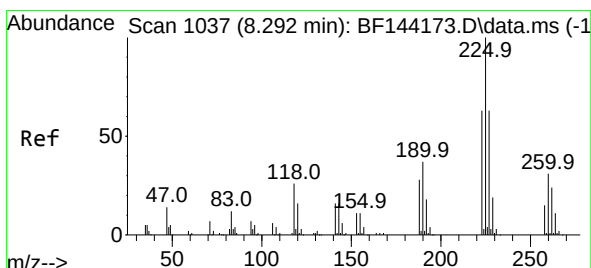
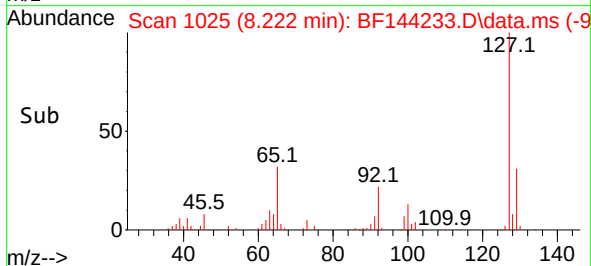
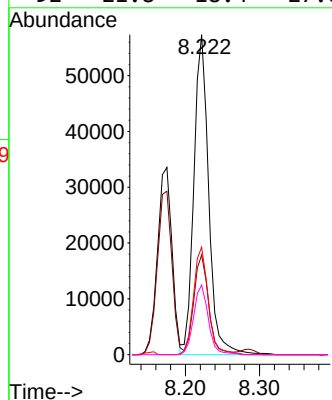
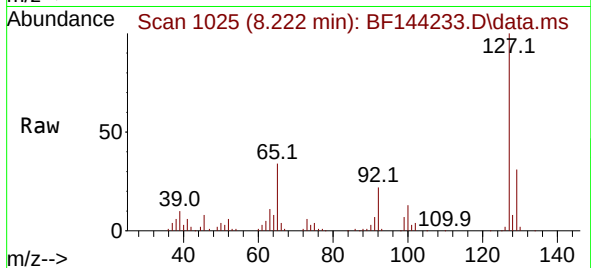
PB170473BS

Tgt Ion:127 Resp: 7974
Ion Ratio Lower Upper
127 100
129 31.2 25.3 37.9
65 33.6 27.6 41.4
92 21.8 18.4 27.6

Manual Integrations

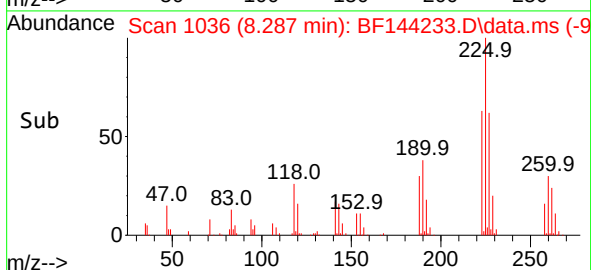
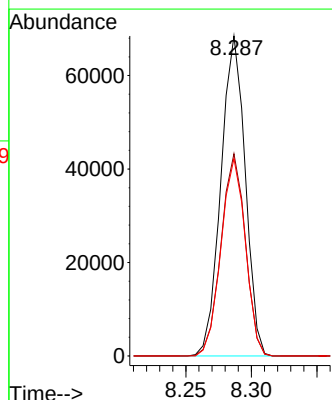
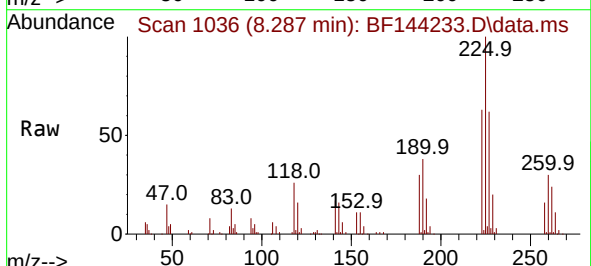
APPROVED

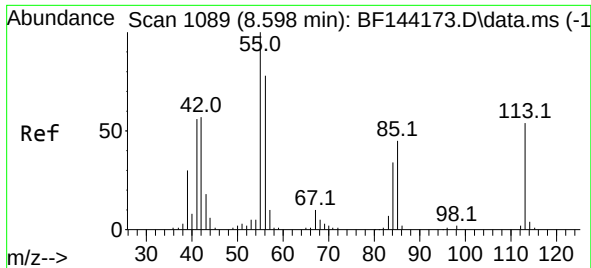
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#34
Hexachlorobutadiene
Concen: 33.987 ng
RT: 8.287 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

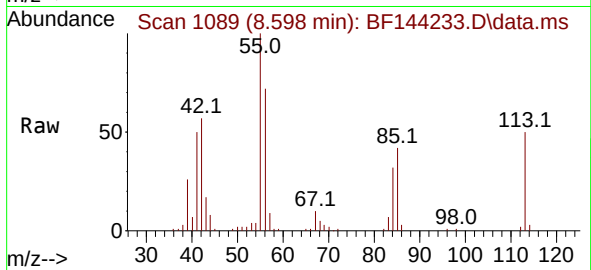
Tgt Ion:225 Resp: 88244
Ion Ratio Lower Upper
225 100
223 63.2 50.2 75.4
227 61.6 50.1 75.1





#35
Caprolactam
Concen: 45.692 ng m
RT: 8.598 min Scan# 1107
Delta R.T. -0.023 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

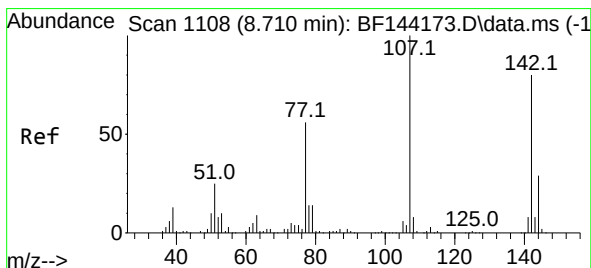
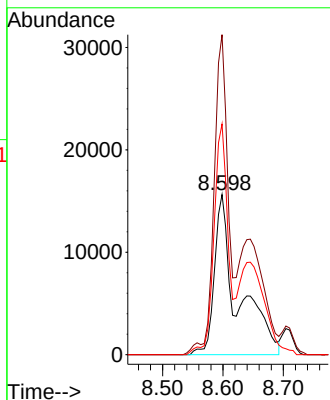
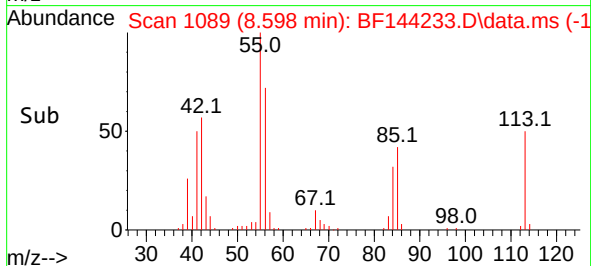
Instrument :
BNA_F
ClientSampleId :
PB170473BS



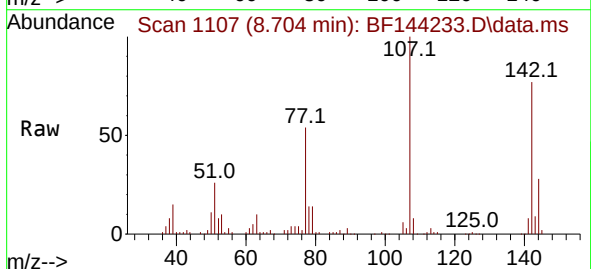
Tgt Ion:113 Resp: 41998
Ion Ratio Lower Upper
113 100
55 199.8 166.8 206.8
56 144.0 125.9 165.9

Manual Integrations
APPROVED

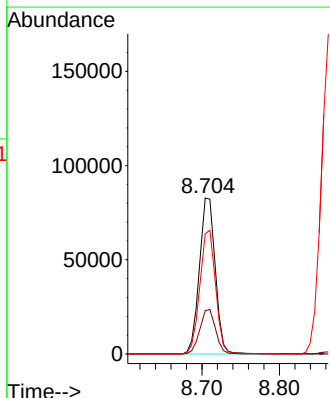
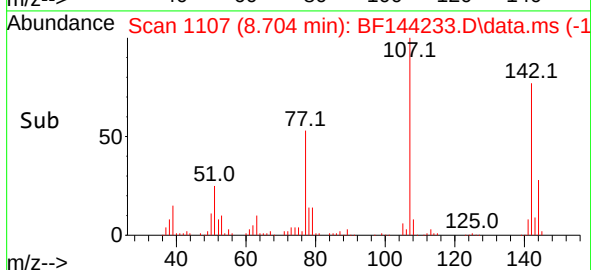
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

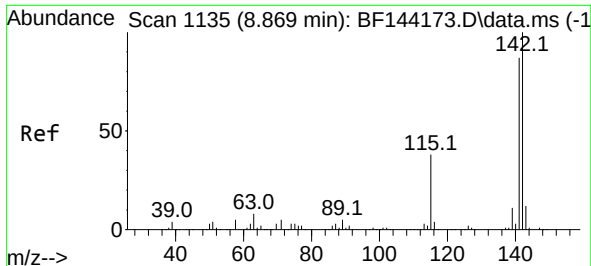


#36
4-Chloro-3-methylphenol
Concen: 39.272 ng
RT: 8.704 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21



Tgt Ion:107 Resp: 118084
Ion Ratio Lower Upper
107 100
144 27.9 23.3 34.9
142 77.2 63.8 95.6





#37
2-Methylnaphthalene
Concen: 34.185 ng
RT: 8.863 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

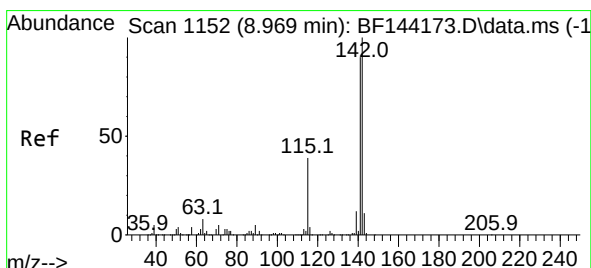
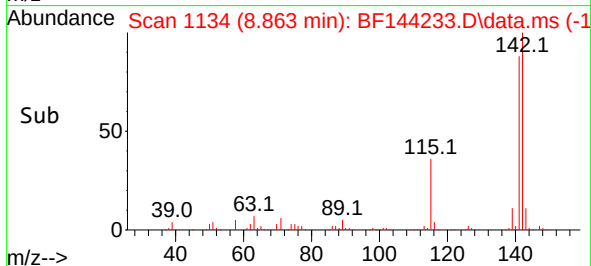
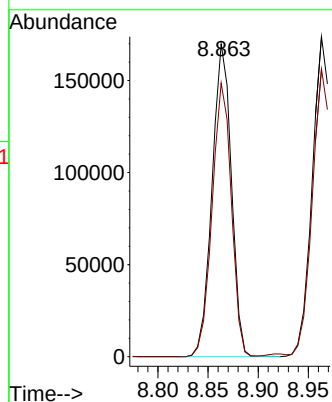
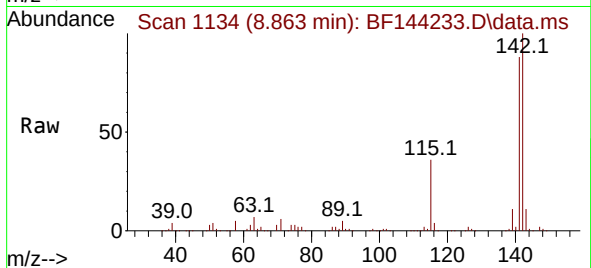
PB170473BS

Tgt Ion:142 Resp: 22690
Ion Ratio Lower Upper
142 100
141 87.6 69.9 104.9

Manual Integrations

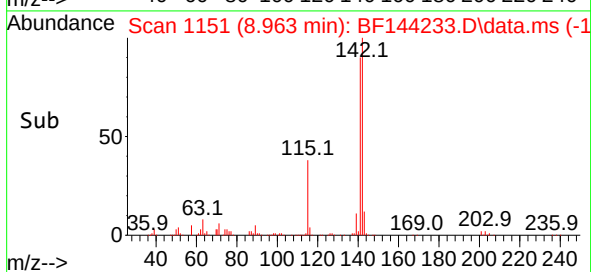
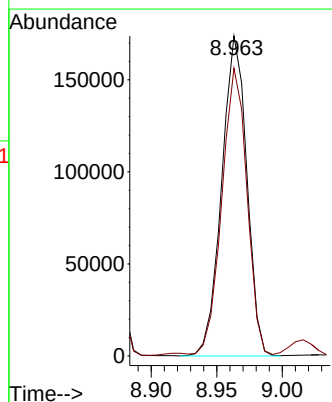
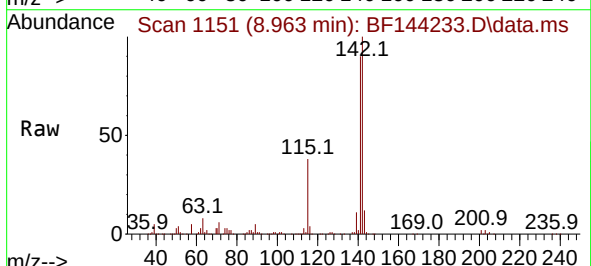
APPROVED

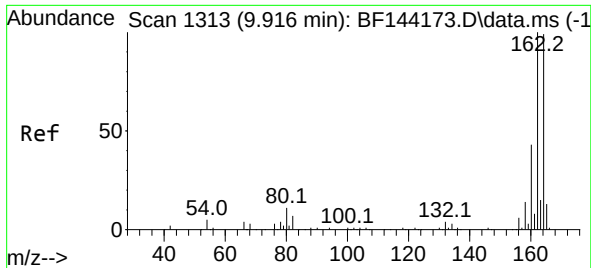
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#38
1-Methylnaphthalene
Concen: 36.114 ng
RT: 8.963 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

Tgt Ion:142 Resp: 231287
Ion Ratio Lower Upper
142 100
141 89.9 72.1 108.1





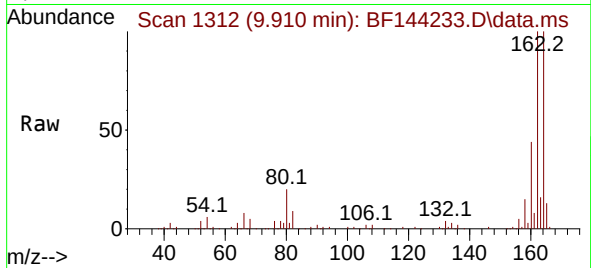
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

PB170473BS

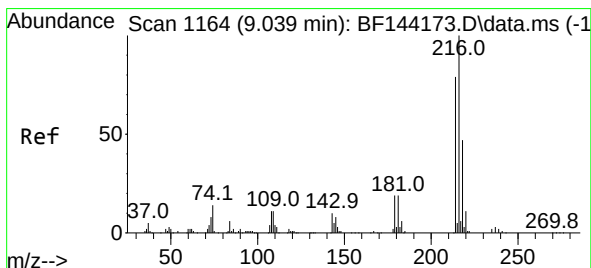
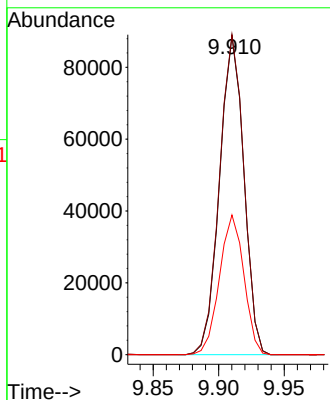
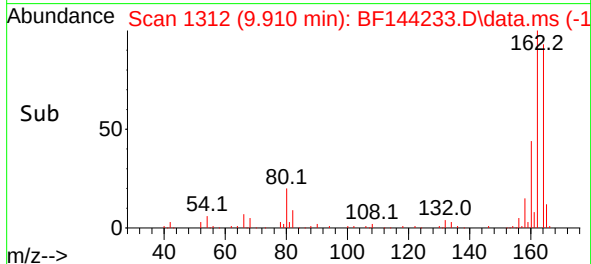


Tgt Ion:164 Resp: 11416
Ion Ratio Lower Upper
164 100
162 100.5 81.1 121.7
160 43.8 34.5 51.7

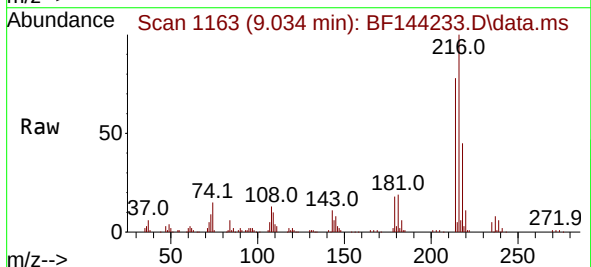
Manual Integrations

APPROVED

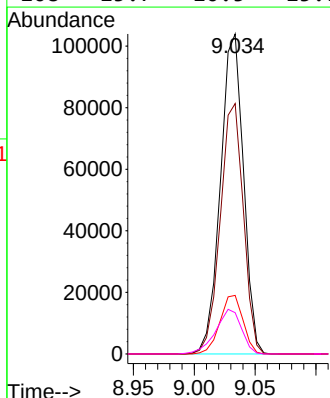
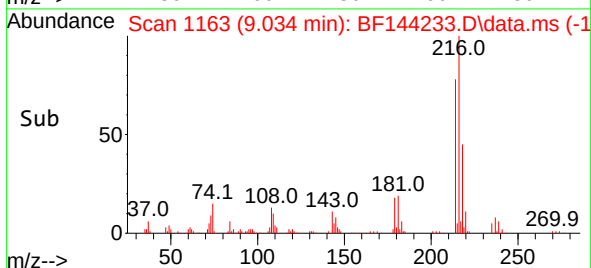
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

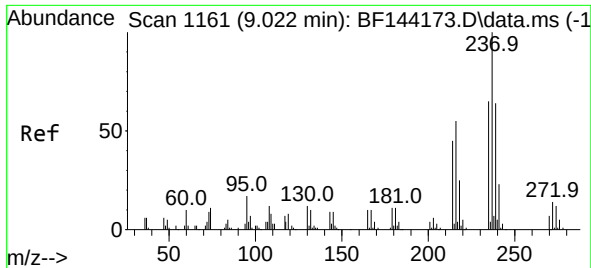


#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.505 ng
RT: 9.034 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21



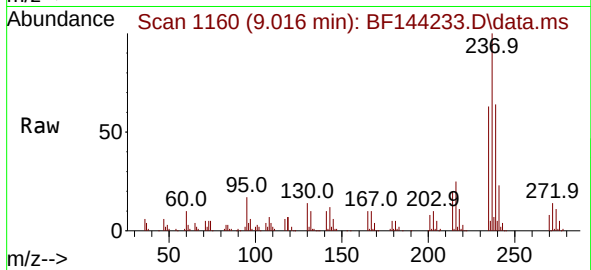
Tgt Ion:216 Resp: 136585
Ion Ratio Lower Upper
216 100
214 78.4 63.4 95.2
179 18.5 15.0 22.4
108 15.7 10.5 15.7





#41
Hexachlorocyclopentadiene
Concen: 80.491 ng
RT: 9.016 min Scan# 1160
Delta R.T. -0.012 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

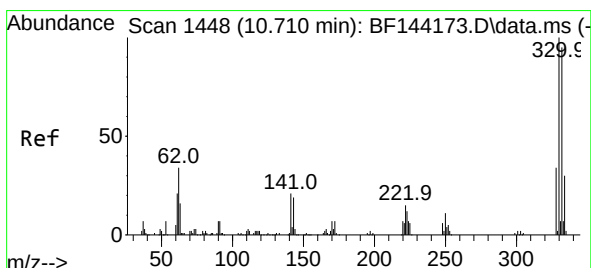
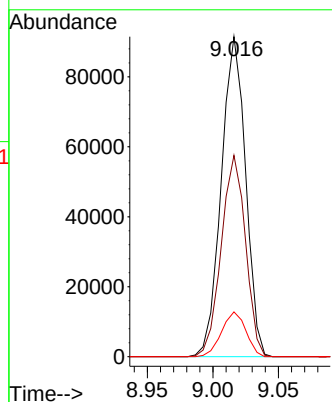
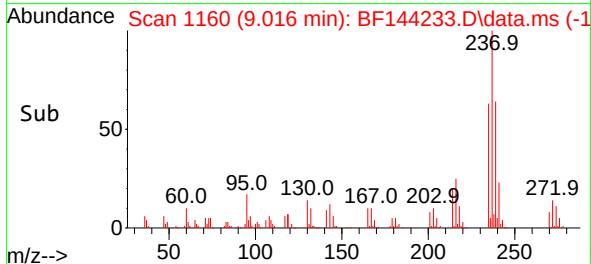
Instrument :
BNA_F
ClientSampleId :
PB170473BS



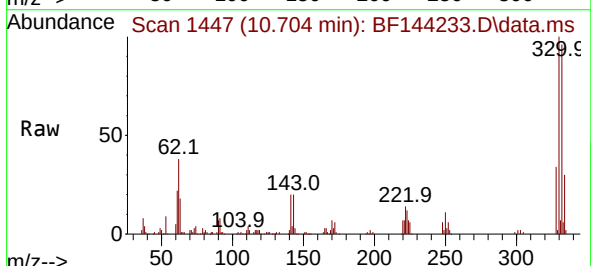
Tgt Ion:237 Resp: 117920
Ion Ratio Lower Upper
237 100
235 62.9 45.5 85.5
272 14.0 0.0 33.5

Manual Integrations
APPROVED

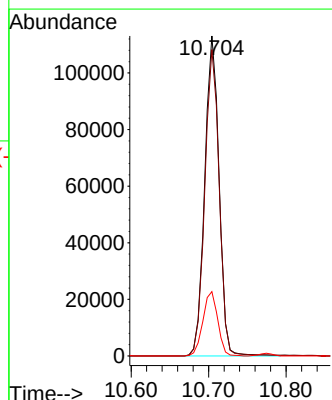
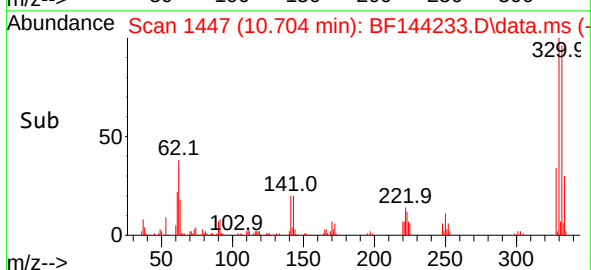
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

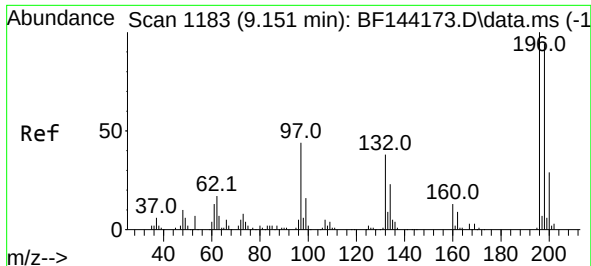


#42
2,4,6-Tribromophenol
Concen: 101.633 ng
RT: 10.704 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21



Tgt Ion:330 Resp: 145604
Ion Ratio Lower Upper
330 100
332 96.0 76.7 115.1
141 20.8 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 37.420 ng

RT: 9.145 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF144233.D

Acq: 12 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

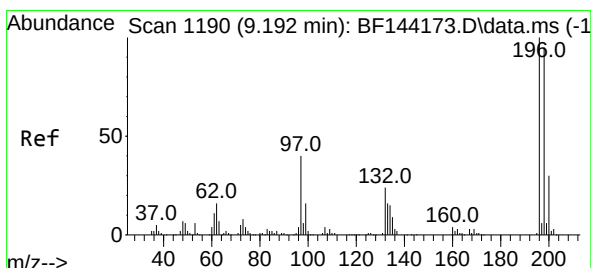
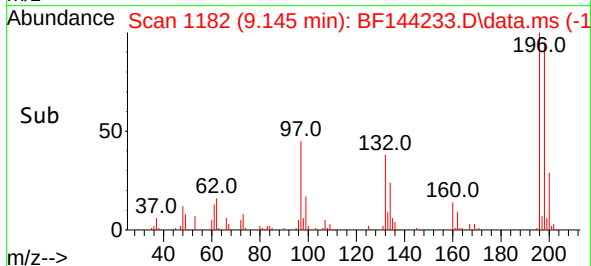
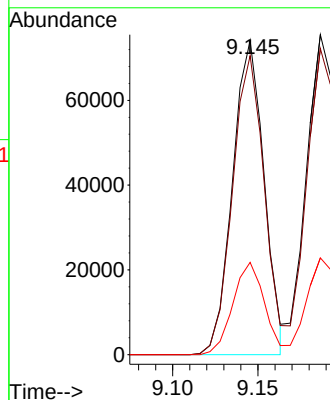
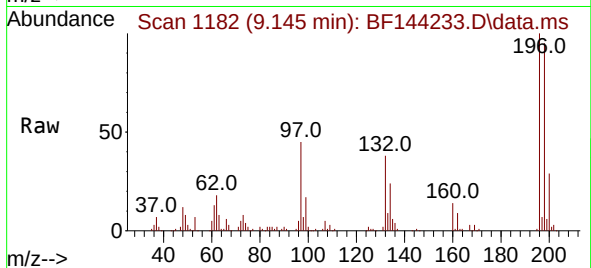
PB170473BS

Tgt Ion:196	Resp:	9529
Ion Ratio	Lower	Upper
196	100	
198	95.2	75.3 112.9
200	29.4	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: 36.847 ng

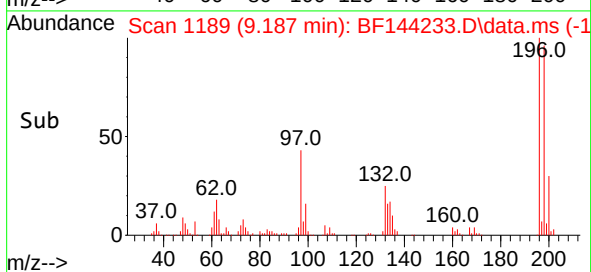
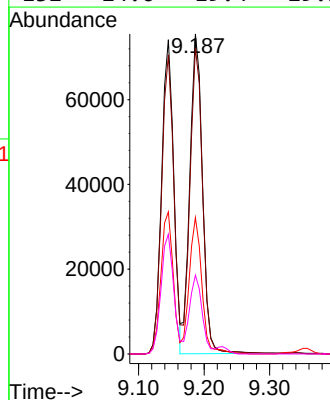
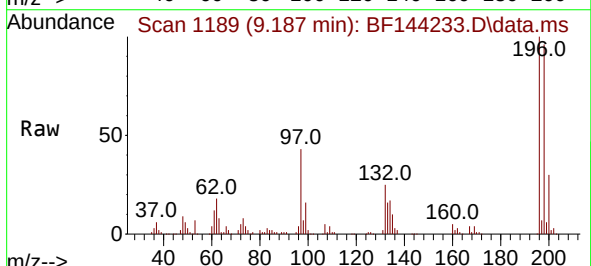
RT: 9.187 min Scan# 1189

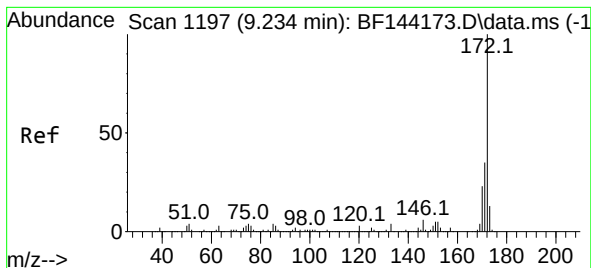
Delta R.T. -0.006 min

Lab File: BF144233.D

Acq: 12 Nov 2025 17:21

Tgt Ion:196	Resp:	101130
Ion Ratio	Lower	Upper
196	100	
198	95.7	76.1 114.1
97	42.6	31.9 47.9
132	24.6	19.4 29.2





#45

2-Fluorobiphenyl

Concen: 67.009 ng

RT: 9.228 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF144233.D

Acq: 12 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

PB170473BS

Tgt Ion:172 Resp: 51796

Ion Ratio Lower Upper

172 100

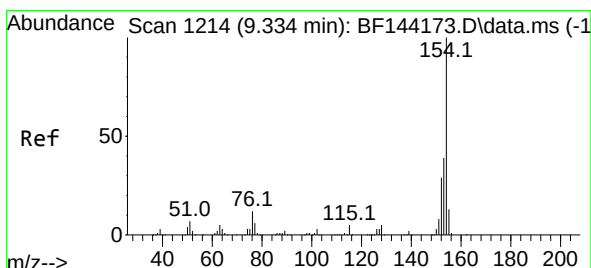
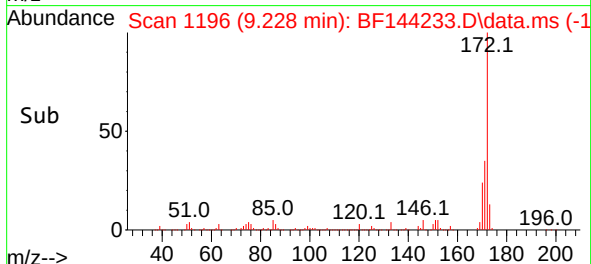
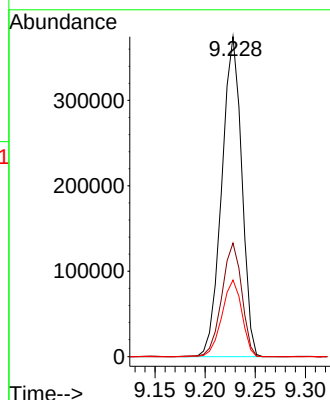
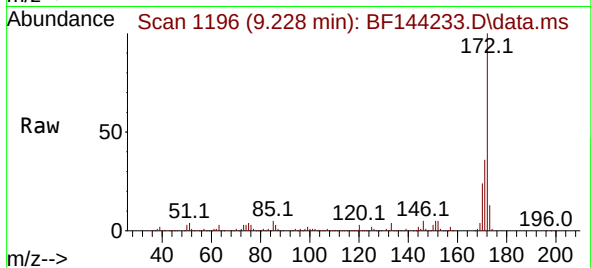
171 35.5 28.1 42.1

170 24.0 18.6 28.0

Manual Integrations

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



#46

1,1'-Biphenyl

Concen: 38.617 ng

RT: 9.328 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF144233.D

Acq: 12 Nov 2025 17:21

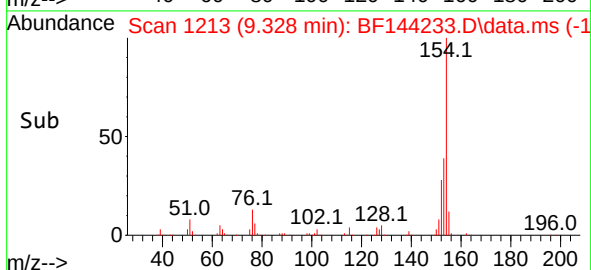
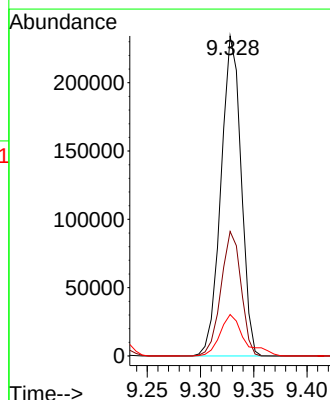
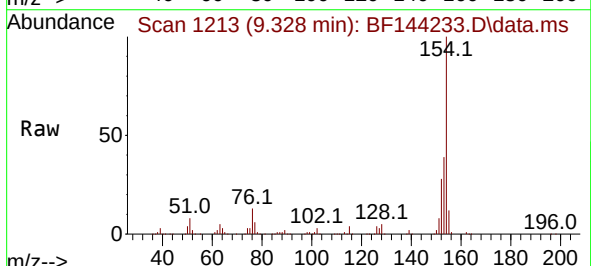
Tgt Ion:154 Resp: 307742

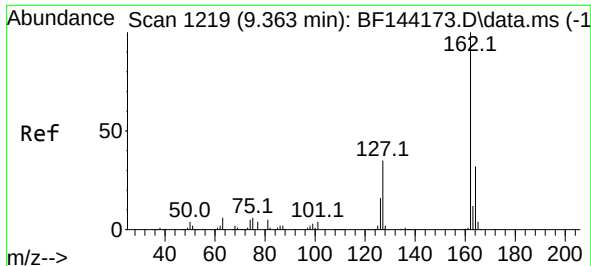
Ion Ratio Lower Upper

154 100

153 38.9 19.2 59.2

76 12.9 0.0 31.8





#47

2-Chloronaphthalene

Concen: 37.929 ng

RT: 9.357 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF144233.D

Acq: 12 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

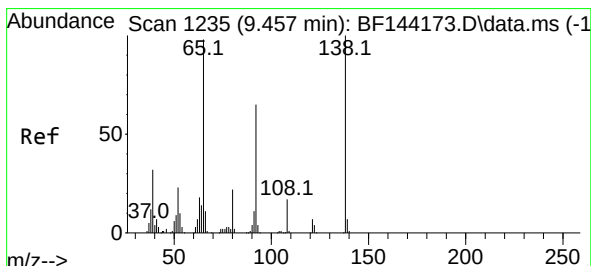
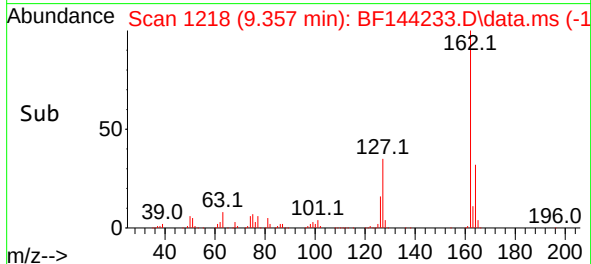
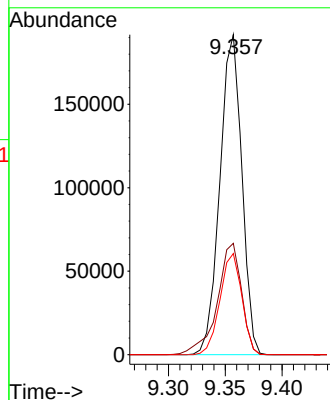
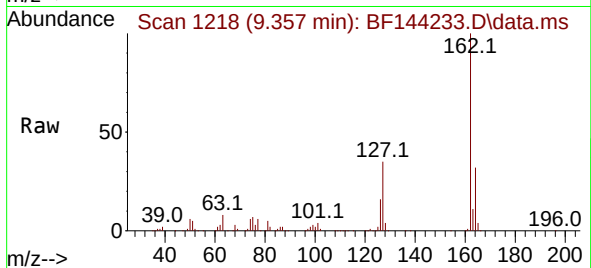
PB170473BS

Tgt Ion:162 Resp: 25783
 Ion Ratio Lower Upper
 162 100
 127 34.8 28.8 43.2
 164 31.6 25.8 38.8

Manual Integrations

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



#48

2-Nitroaniline

Concen: 42.506 ng

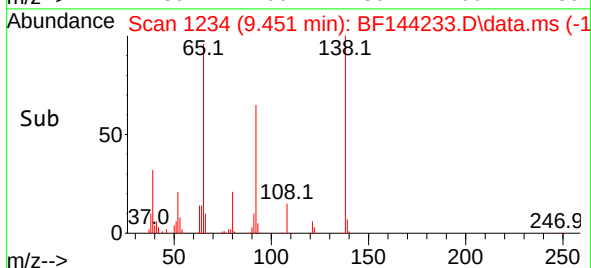
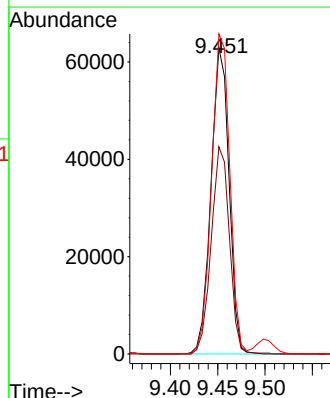
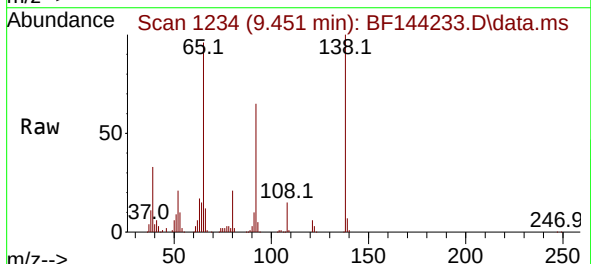
RT: 9.451 min Scan# 1234

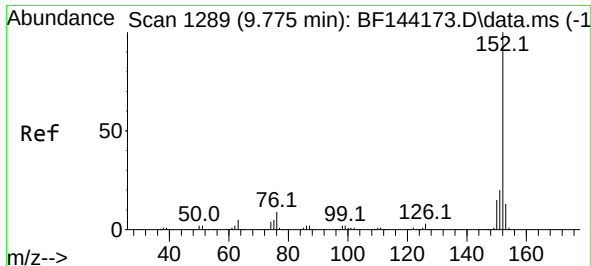
Delta R.T. -0.006 min

Lab File: BF144233.D

Acq: 12 Nov 2025 17:21

Tgt Ion: 65 Resp: 83370
 Ion Ratio Lower Upper
 65 100
 92 67.6 53.0 79.6
 138 104.4 81.6 122.4





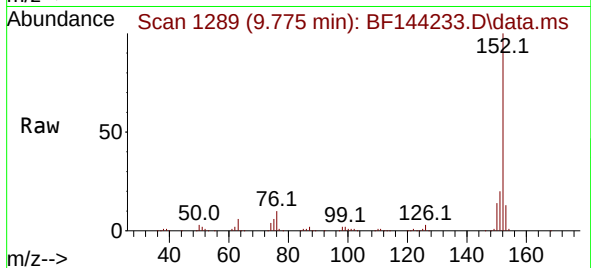
#49
Acenaphthylene
Concen: 42.577 ng
RT: 9.775 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

PB170473BS

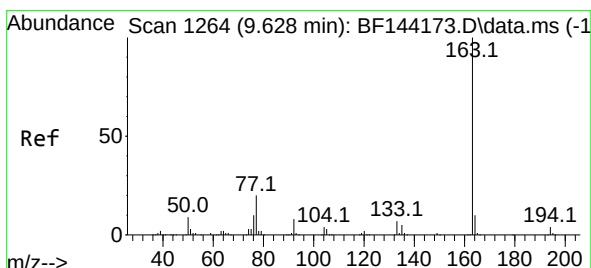
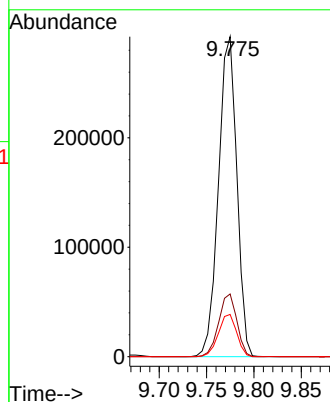
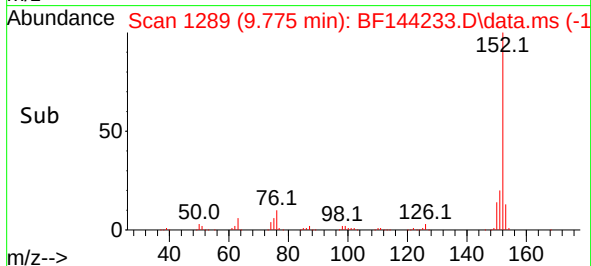


Tgt Ion:152 Resp: 394409
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 13.2 10.5 15.7

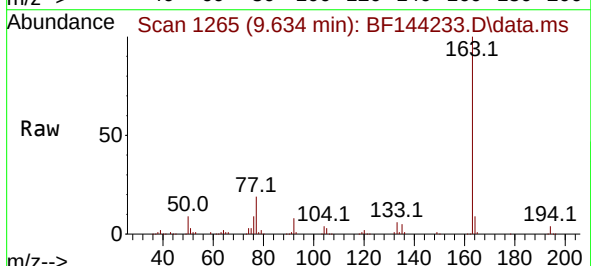
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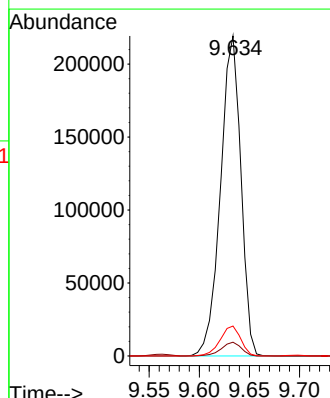
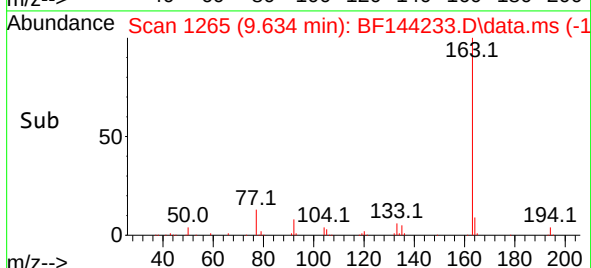
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

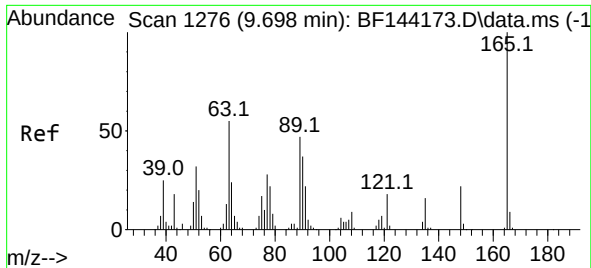


#50
Dimethylphthalate
Concen: 40.874 ng
RT: 9.634 min Scan# 1265
Delta R.T. 0.006 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21



Tgt Ion:163 Resp: 309138
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 9.4 8.1 12.1





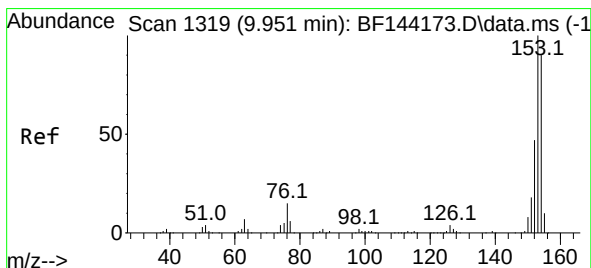
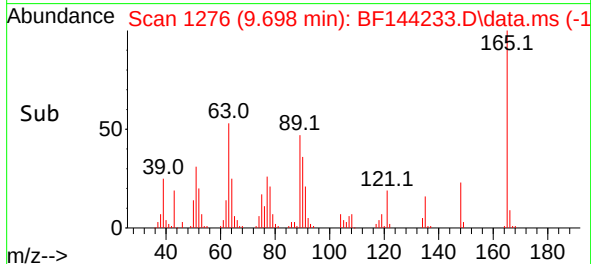
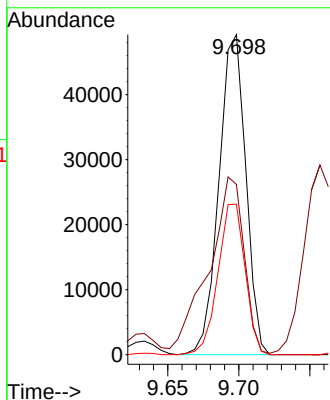
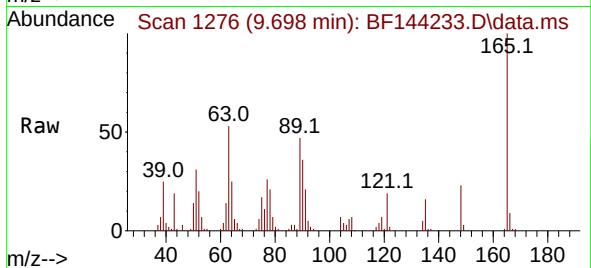
#51
2,6-Dinitrotoluene
Concen: 42.314 ng
RT: 9.698 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

Instrument :
BNA_F
ClientSampleId :
PB170473BS

Tgt Ion:165 Resp: 64785
Ion Ratio Lower Upper
165 100
63 53.2 43.8 65.8
89 47.0 37.5 56.3

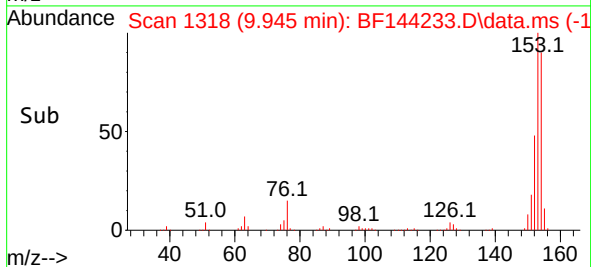
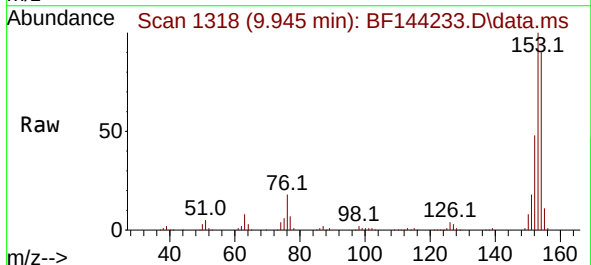
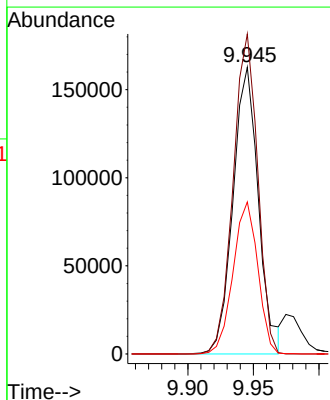
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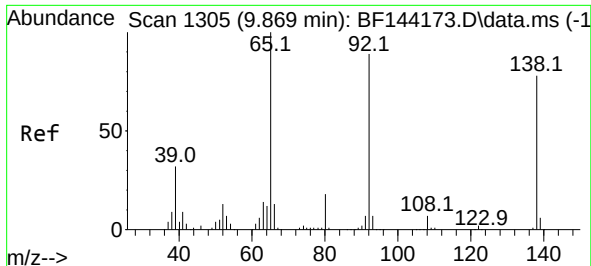
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#52
Acenaphthene
Concen: 35.549 ng
RT: 9.945 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

Tgt Ion:154 Resp: 220212
Ion Ratio Lower Upper
154 100
153 111.6 89.0 133.4
152 53.0 42.2 63.4





#53
3-Nitroaniline
Concen: 28.772 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

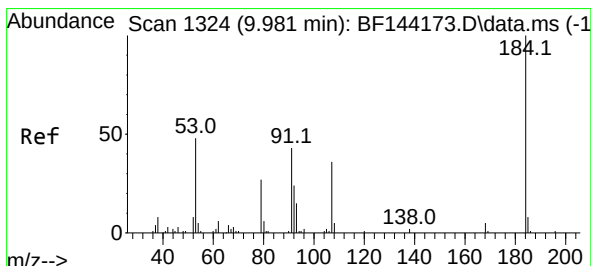
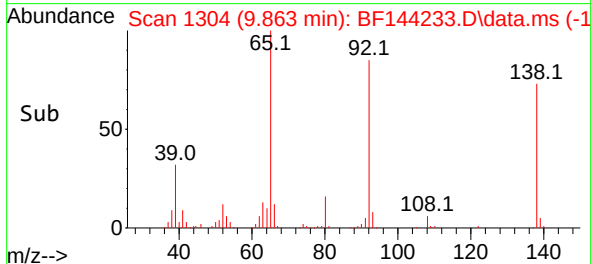
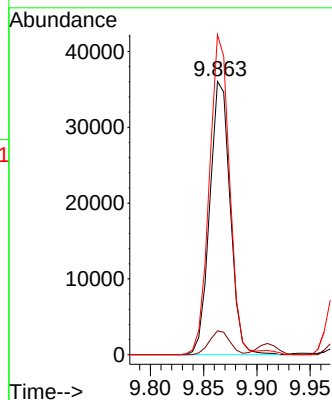
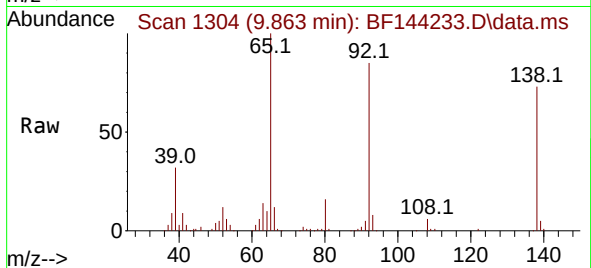
PB170473BS

Tgt Ion:138 Resp: 48154
Ion Ratio Lower Upper
138 100
108 8.7 7.5 11.3
92 117.1 91.8 137.6

Manual Integrations

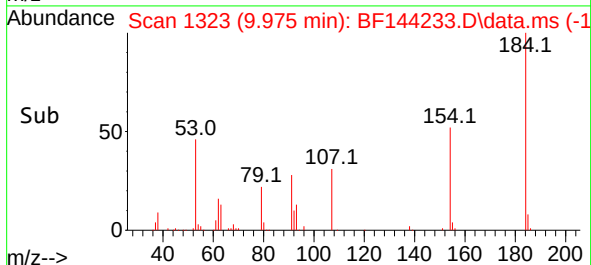
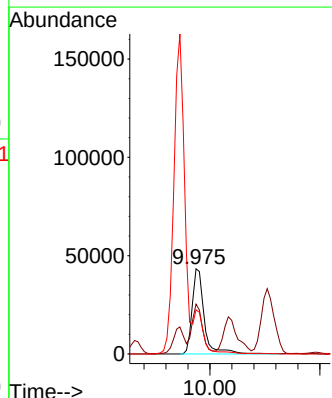
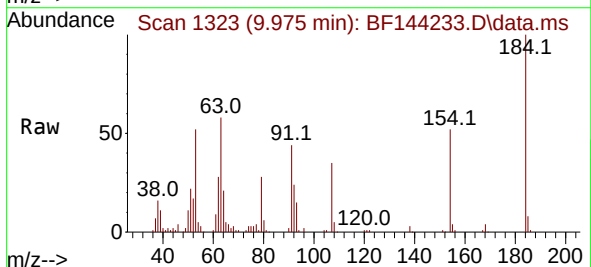
APPROVED

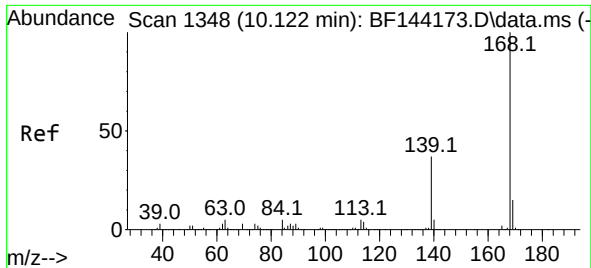
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#54
2,4-Dinitrophenol
Concen: 71.625 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

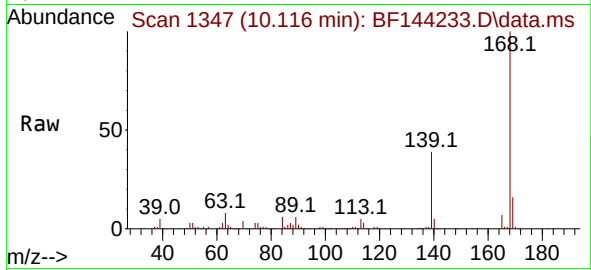
Tgt Ion:184 Resp: 66219
Ion Ratio Lower Upper
184 100
63 58.5 44.0 66.0
154 51.9 42.4 63.6





#55
Dibenzenofuran
Concen: 37.086 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

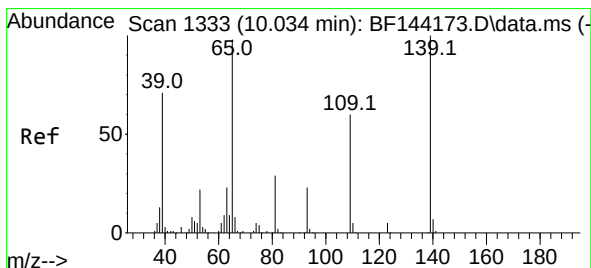
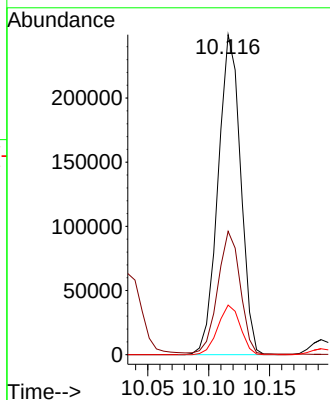
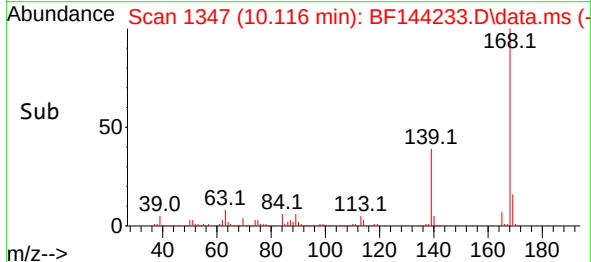
Instrument :
BNA_F
ClientSampleId :
PB170473BS



Tgt Ion:168 Resp: 32174
Ion Ratio Lower Upper
168 100
139 38.5 30.2 45.2
169 15.5 12.2 18.4

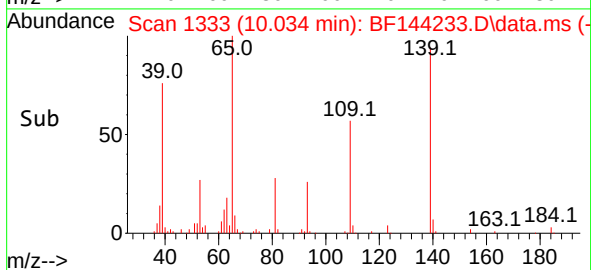
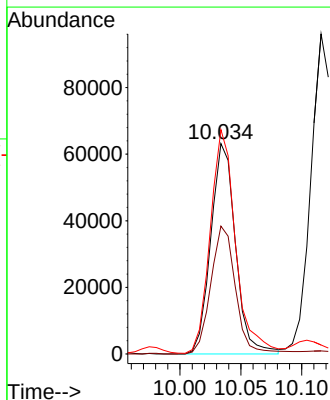
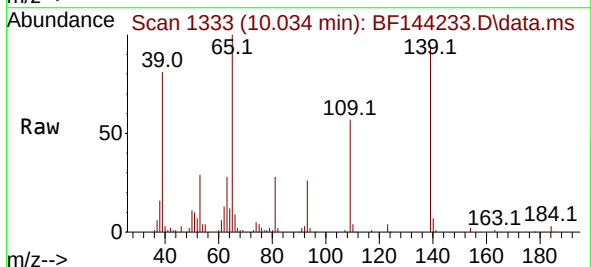
Manual Integrations
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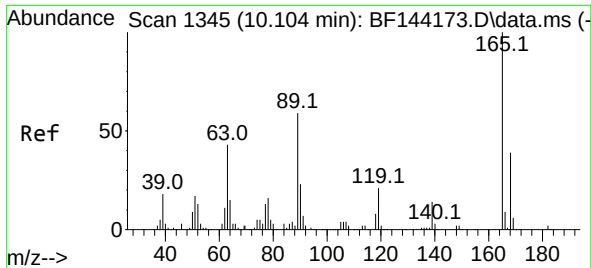
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#56
4-Nitrophenol
Concen: 73.805 ng
RT: 10.034 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

Tgt Ion:139 Resp: 89353
Ion Ratio Lower Upper
139 100
109 60.7 39.9 79.9
65 106.6 79.5 119.5





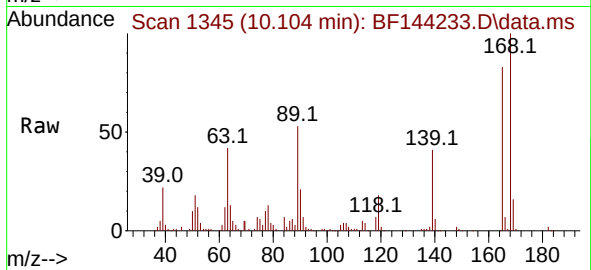
#57
2,4-Dinitrotoluene
Concen: 40.985 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

PB170473BS

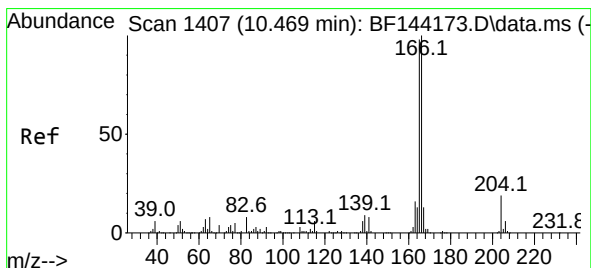
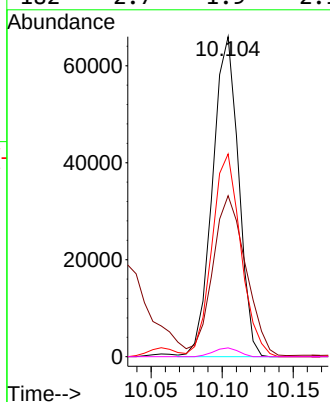
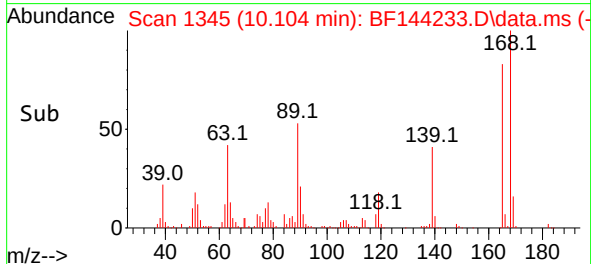


Tgt Ion:165 Resp: 8400
Ion Ratio Lower Upper
165 100
63 50.3 35.5 53.3
89 63.3 47.4 71.2
182 2.7 1.9 2.9

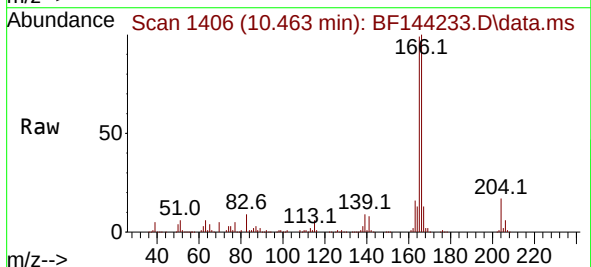
Manual Integrations

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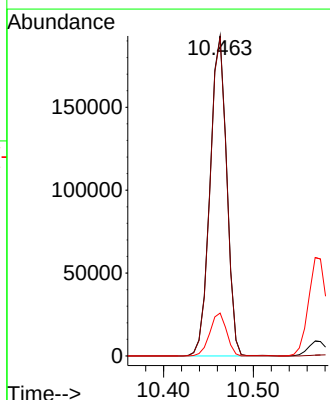
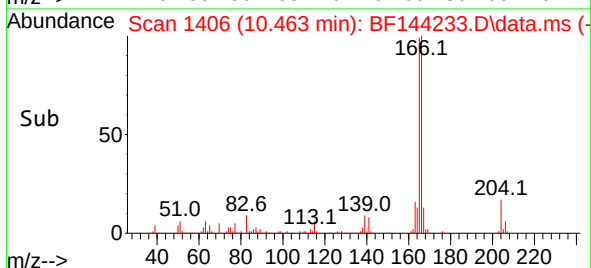
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

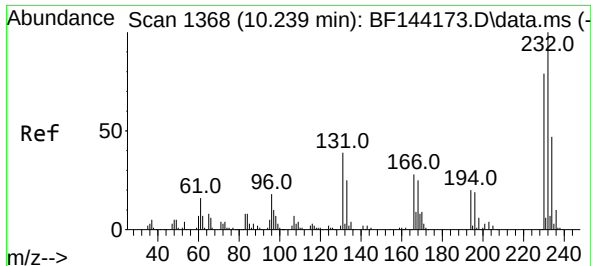


#58
Fluorene
Concen: 37.821 ng
RT: 10.463 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21



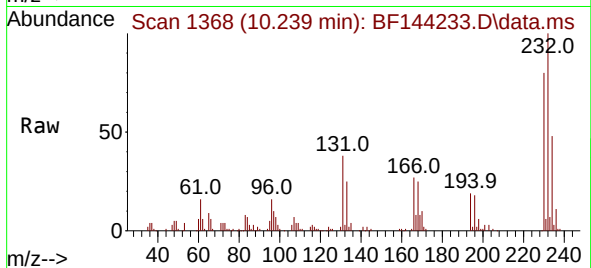
Tgt Ion:166 Resp: 249479
Ion Ratio Lower Upper
166 100
165 99.4 78.6 118.0
167 13.4 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.598 ng
RT: 10.239 min Scan# 1368
Delta R.T. 0.000 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

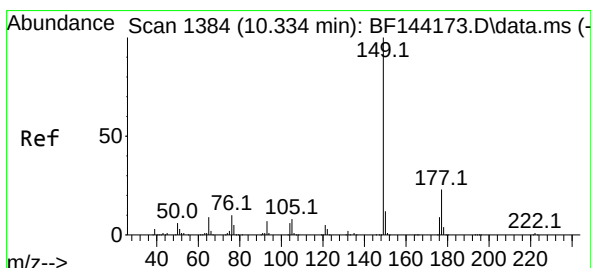
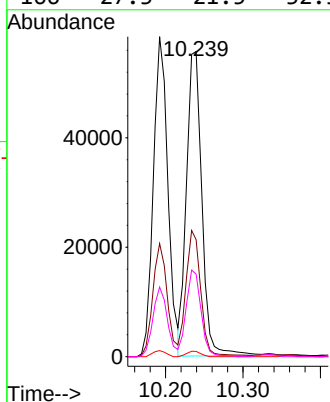
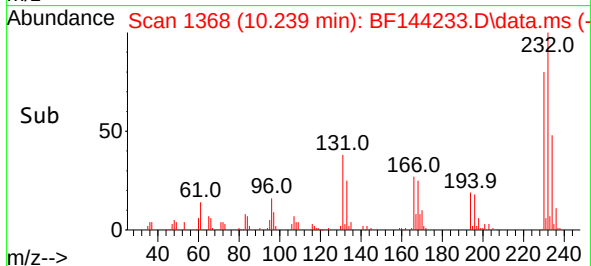
Instrument :
BNA_F
ClientSampleId :
PB170473BS



Tgt Ion:232 Resp: 76894
Ion Ratio Lower Upper
232 100
131 38.7 30.3 45.5
130 1.6 1.2 1.8
166 27.3 21.5 32.3

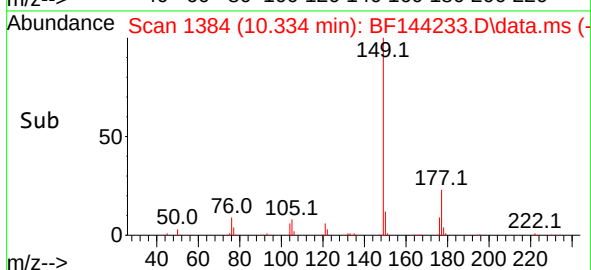
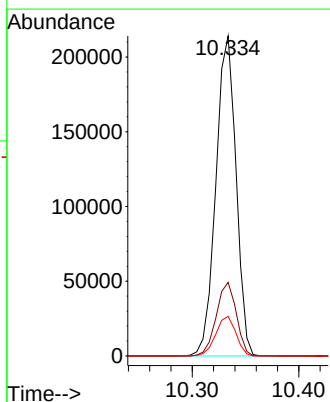
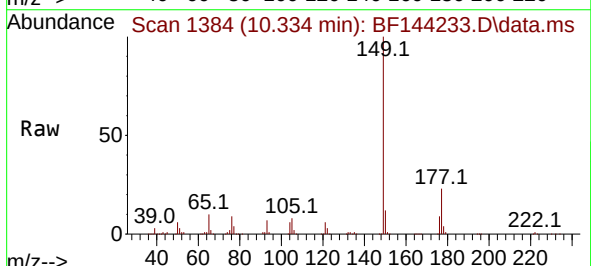
Manual Integrations
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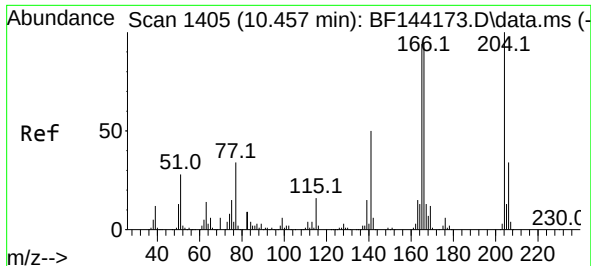
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#60
Diethylphthalate
Concen: 40.291 ng
RT: 10.334 min Scan# 1384
Delta R.T. 0.006 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

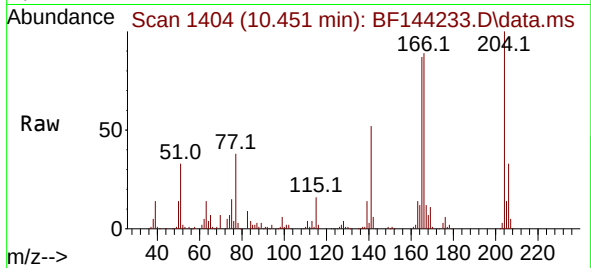
Tgt Ion:149 Resp: 280914
Ion Ratio Lower Upper
149 100
177 23.0 18.3 27.5
150 12.3 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 36.090 ng
RT: 10.451 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

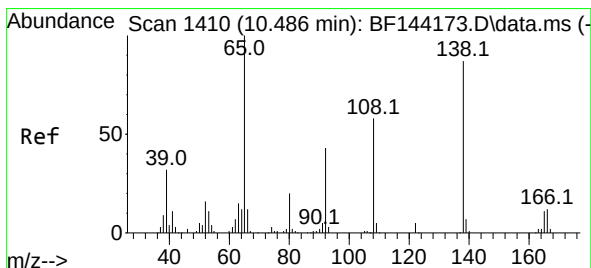
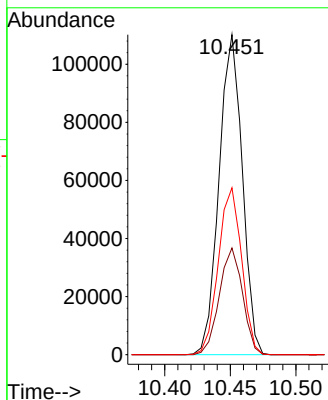
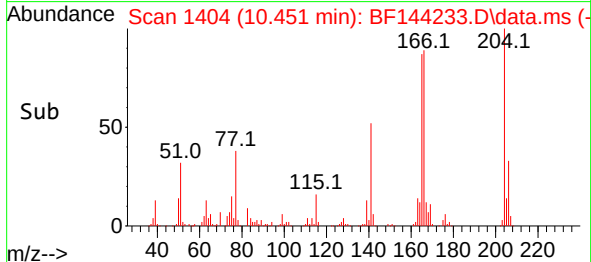
Instrument :
BNA_F
ClientSampleId :
PB170473BS



Tgt Ion:204 Resp: 135604
Ion Ratio Lower Upper
204 100
206 33.4 27.4 41.2
141 52.2 40.0 60.0

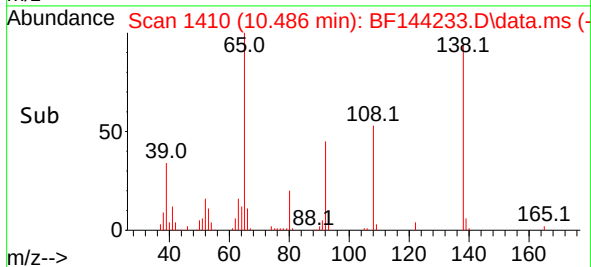
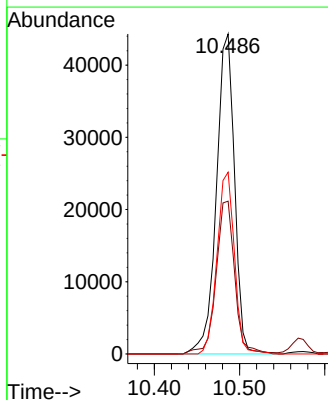
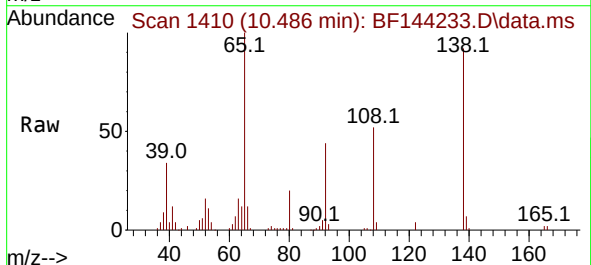
Manual Integrations
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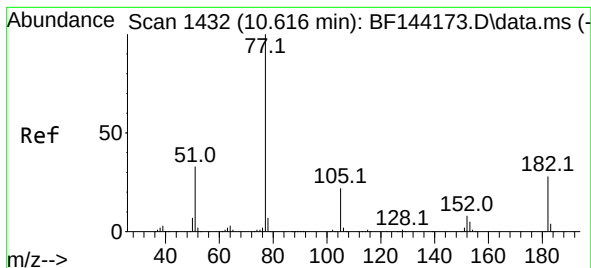
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#62
4-Nitroaniline
Concen: 41.128 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.012 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

Tgt Ion:138 Resp: 65552
Ion Ratio Lower Upper
138 100
92 47.7 29.4 69.4
108 56.8 46.4 86.4





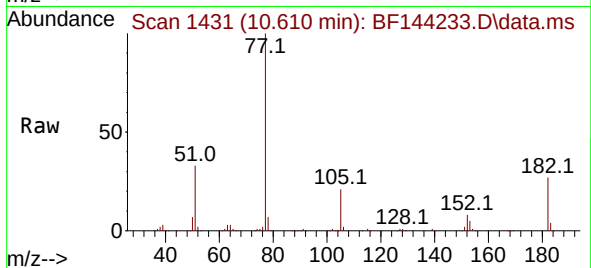
#63
Azobenzene
Concen: 42.800 ng
RT: 10.610 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

PB170473BS

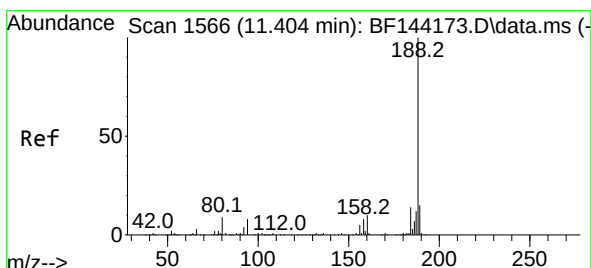
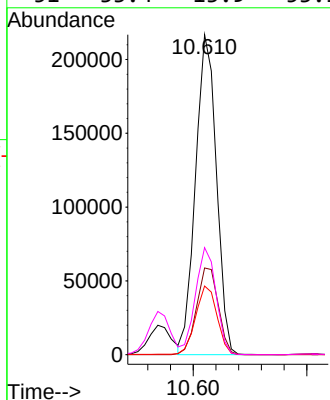
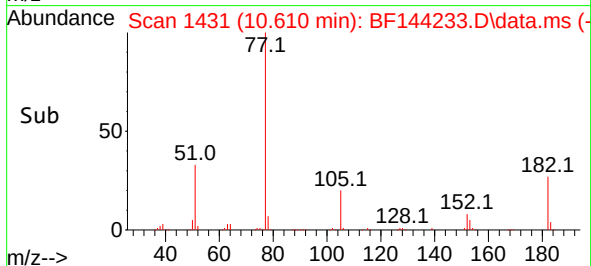


Tgt Ion: 77 Resp: 27771
Ion Ratio Lower Upper
77 100
182 27.1 8.1 48.1
105 21.5 2.0 42.0
51 33.4 13.9 53.9

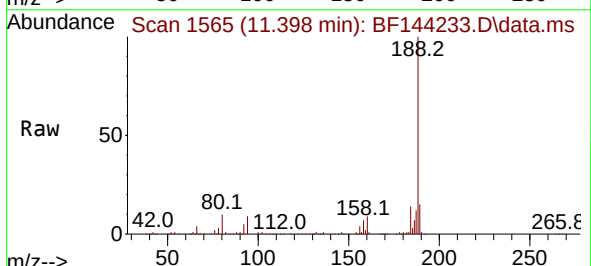
Manual Integrations

APPROVED

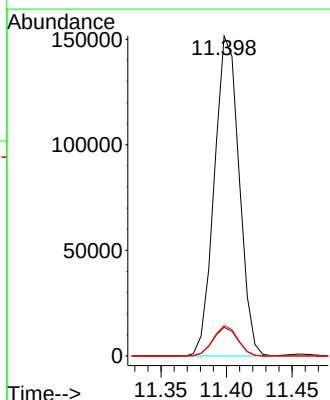
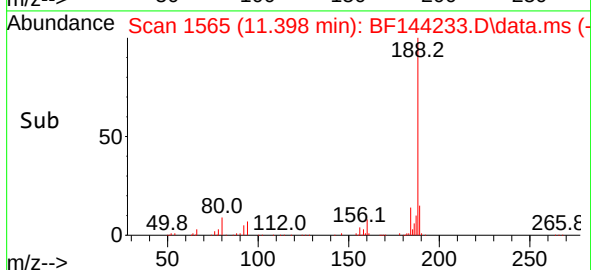
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

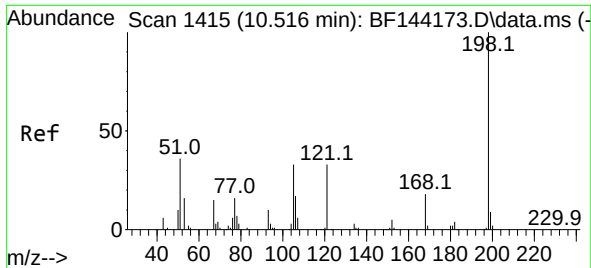


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21



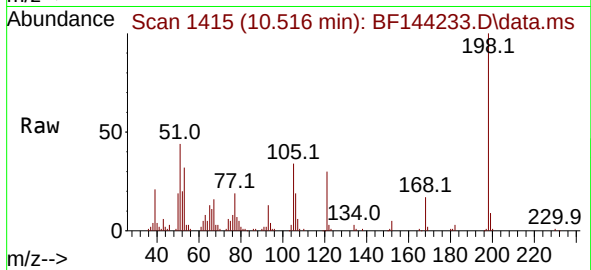
Tgt Ion:188 Resp: 198802
Ion Ratio Lower Upper
188 100
94 8.9 6.2 9.2
80 9.5 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 36.116 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

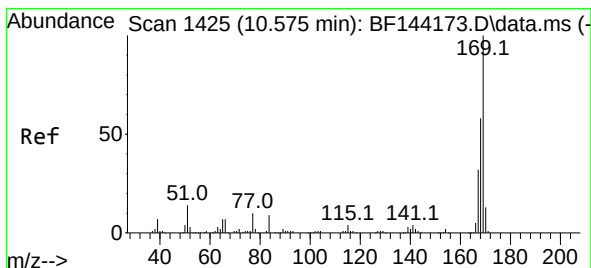
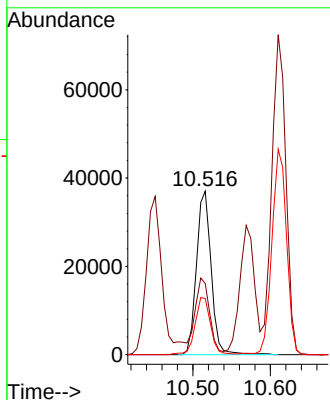
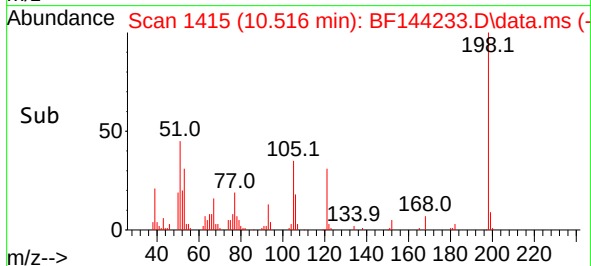
Instrument :
BNA_F
ClientSampleId :
PB170473BS



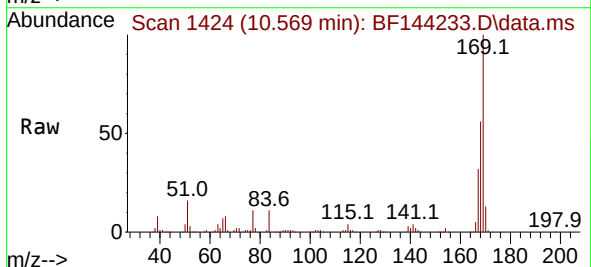
Tgt Ion:198 Resp: 48770
Ion Ratio Lower Upper
198 100
51 43.6 25.6 65.6
105 34.3 14.6 54.6

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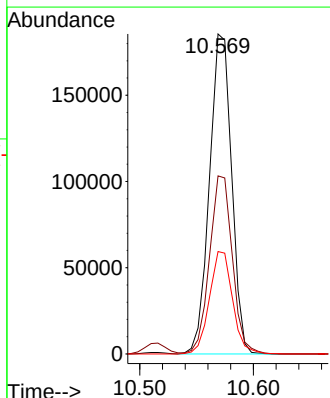
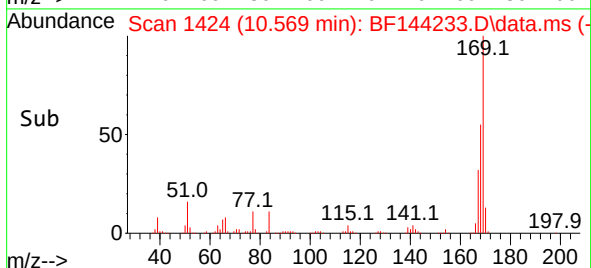
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

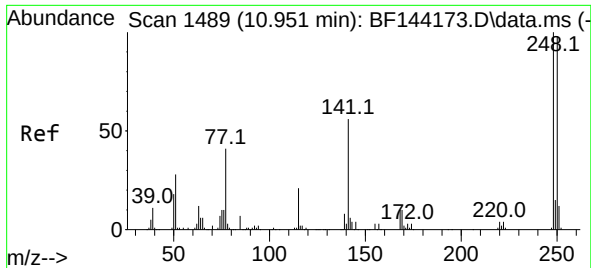


#66
n-Nitrosodiphenylamine
Concen: 39.355 ng
RT: 10.569 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21



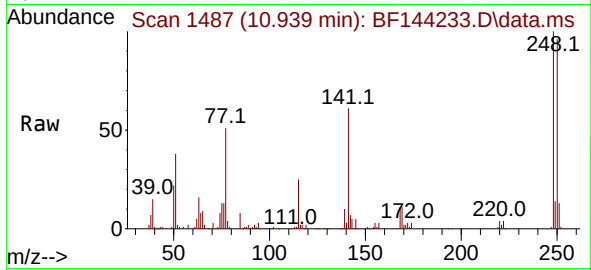
Tgt Ion:169 Resp: 251635
Ion Ratio Lower Upper
169 100
168 55.6 46.2 69.2
167 32.0 25.7 38.5





#67
4-Bromophenyl-phenylether
Concen: 36.699 ng
RT: 10.939 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

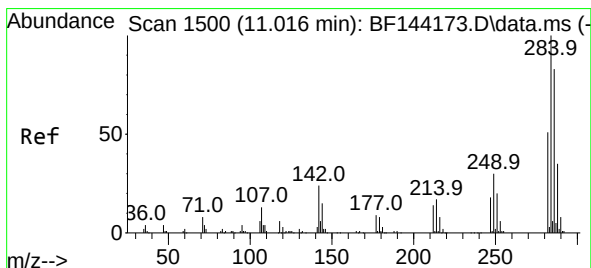
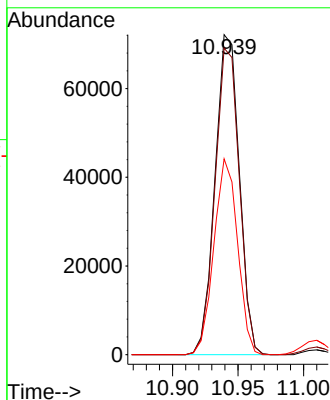
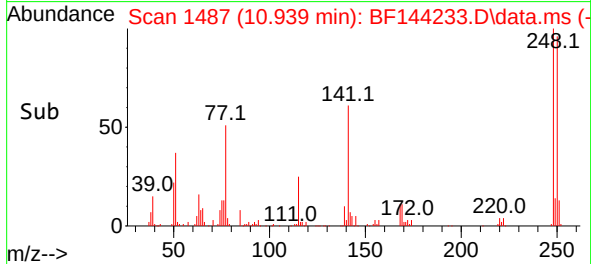
Instrument :
BNA_F
ClientSampleId :
PB170473BS



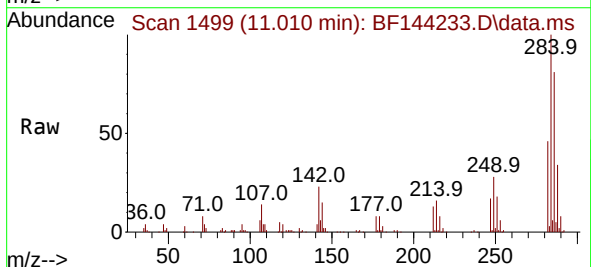
Tgt Ion:248 Resp: 93124
Ion Ratio Lower Upper
248 100
250 95.8 78.4 117.6
141 61.2 45.1 67.7

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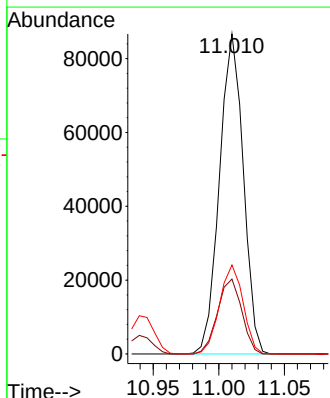
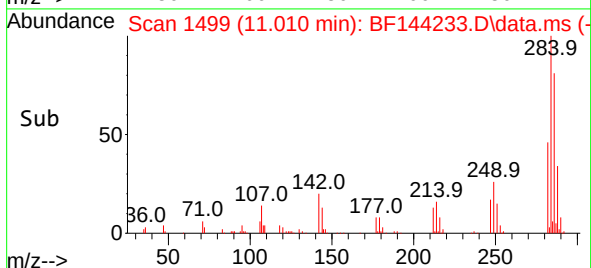
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

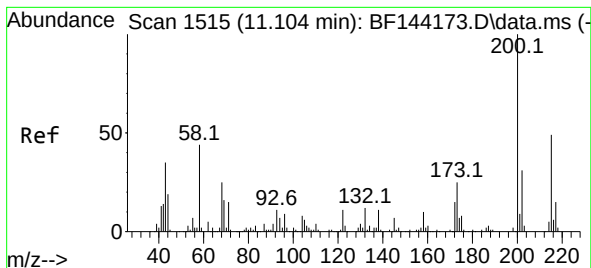


#68
Hexachlorobenzene
Concen: 36.608 ng
RT: 11.010 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21



Tgt Ion:284 Resp: 109416
Ion Ratio Lower Upper
284 100
142 23.4 19.2 28.8
249 27.8 23.8 35.8





#69

Atrazine

Concen: 41.925 ng

RT: 11.098 min Scan# 1514

Delta R.T. 0.000 min

Lab File: BF144233.D

Acq: 12 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

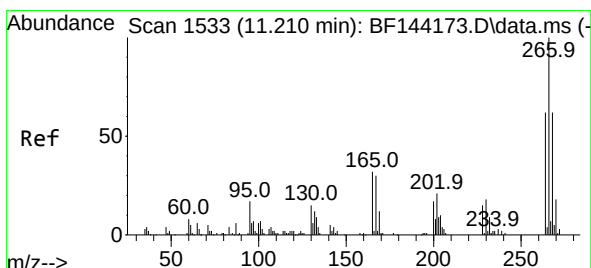
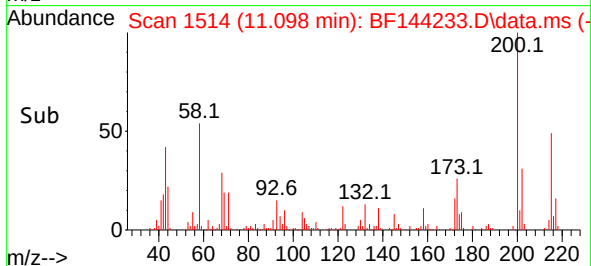
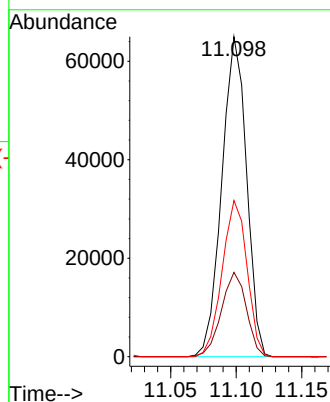
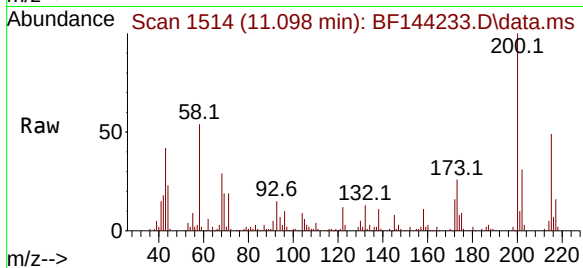
PB170473BS

Tgt Ion:200 Resp: 8525
 Ion Ratio Lower Upper
 200 100
 173 26.4 5.0 45.0
 215 48.8 28.7 68.7

Manual Integrations

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



#70

Pentachlorophenol

Concen: 69.550 ng

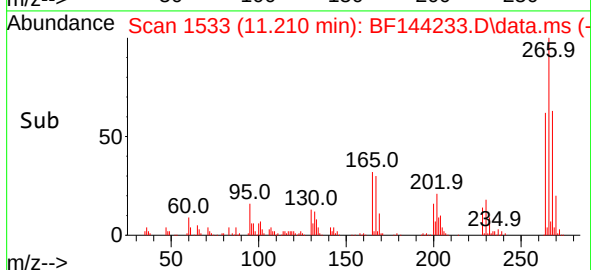
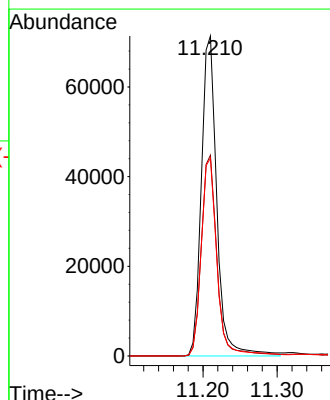
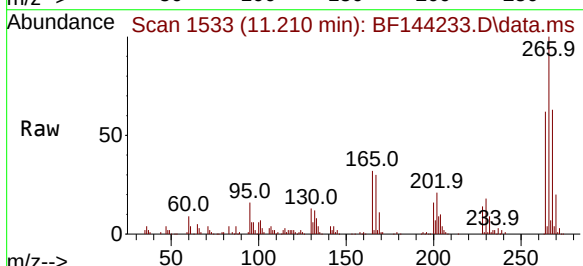
RT: 11.210 min Scan# 1533

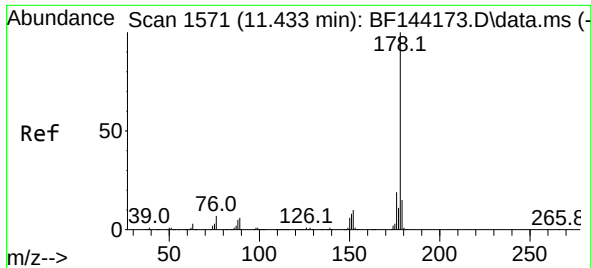
Delta R.T. -0.006 min

Lab File: BF144233.D

Acq: 12 Nov 2025 17:21

Tgt Ion:266 Resp: 103514
 Ion Ratio Lower Upper
 266 100
 268 62.7 49.5 74.3
 264 61.8 49.4 74.2





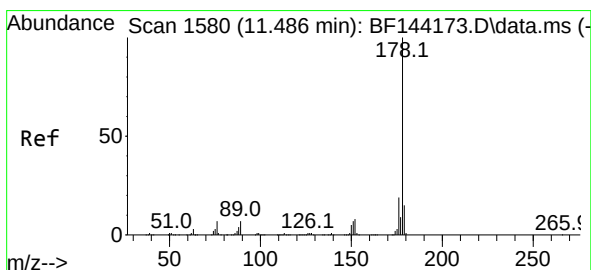
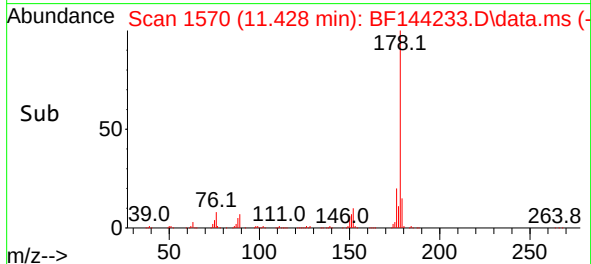
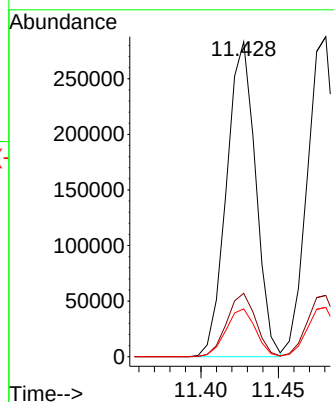
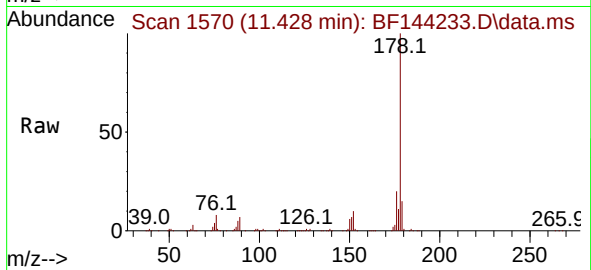
#71
Phenanthrene
Concen: 37.288 ng
RT: 11.428 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

Instrument :
BNA_F
ClientSampleId :
PB170473BS

Tgt Ion:178 Resp: 369070
Ion Ratio Lower Upper
178 100
176 20.1 15.5 23.3
179 15.2 12.2 18.4

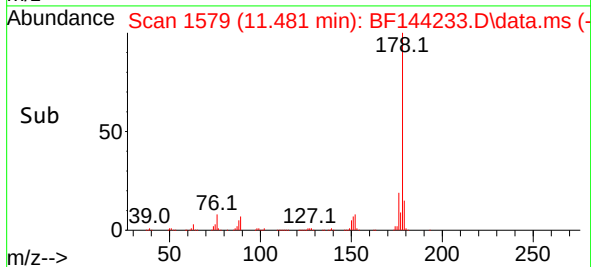
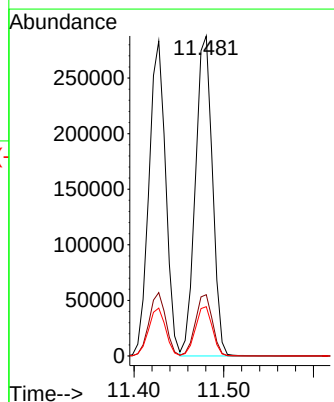
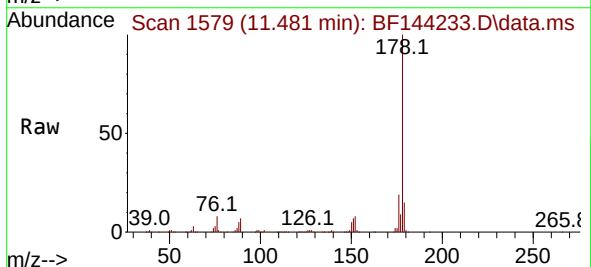
Manual Integrations
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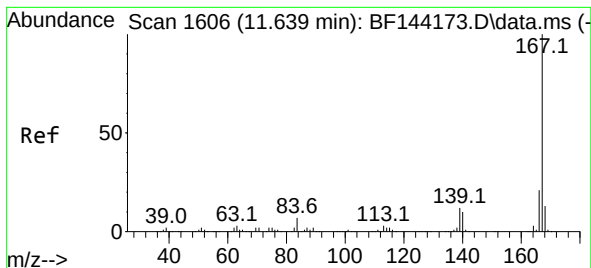
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#72
Anthracene
Concen: 37.604 ng
RT: 11.481 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

Tgt Ion:178 Resp: 378469
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.4 12.0 18.0





#73

Carbazole

Concen: 37.896 ng

RT: 11.633 min Scan# 1605

Delta R.T. -0.006 min

Lab File: BF144233.D

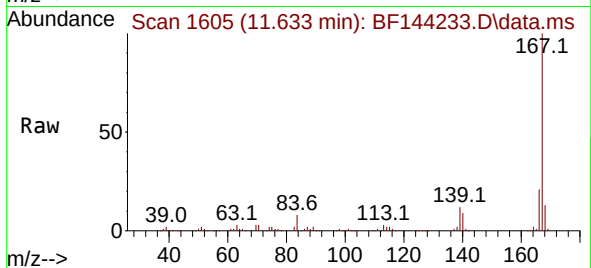
Acq: 12 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

PB170473BS



Tgt Ion:167 Resp: 324324

Ion Ratio Lower Upper

167 100

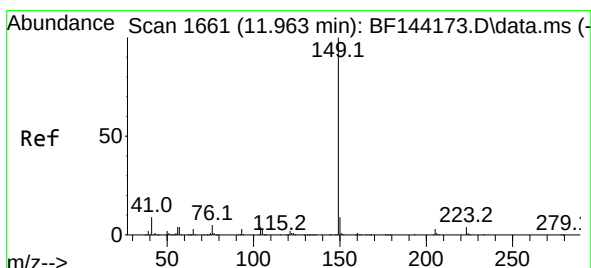
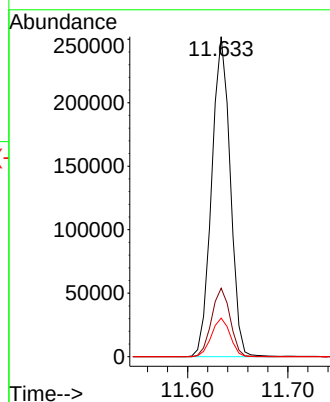
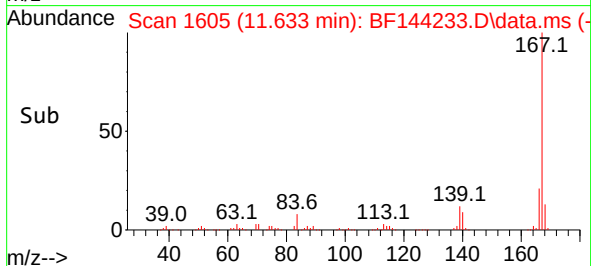
166 21.4 17.2 25.8

139 12.1 9.9 14.9

Manual Integrations

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



#74

Di-n-butylphthalate

Concen: 41.150 ng

RT: 11.957 min Scan# 1660

Delta R.T. -0.006 min

Lab File: BF144233.D

Acq: 12 Nov 2025 17:21

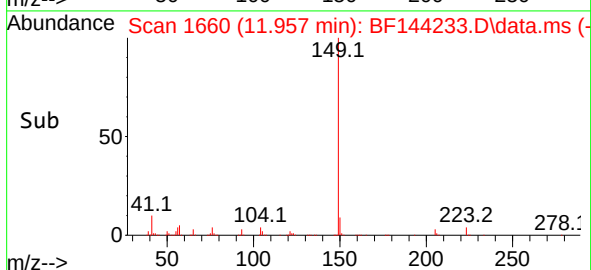
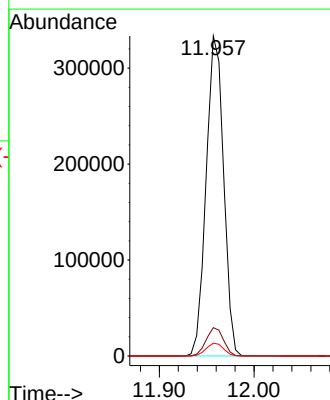
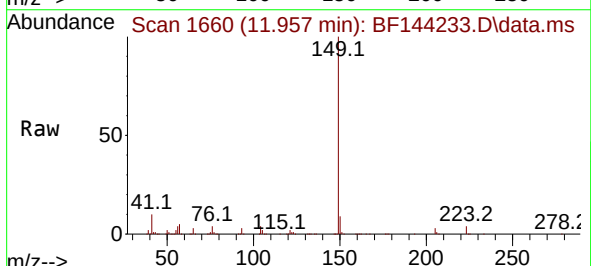
Tgt Ion:149 Resp: 425741

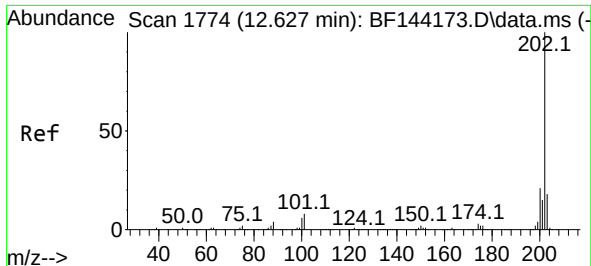
Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.0

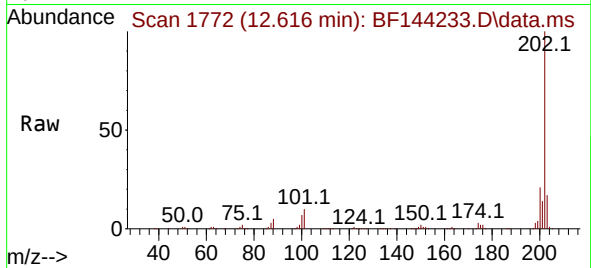
104 4.0 3.4 5.2





#75
Fluoranthene
Concen: 35.366 ng
RT: 12.616 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

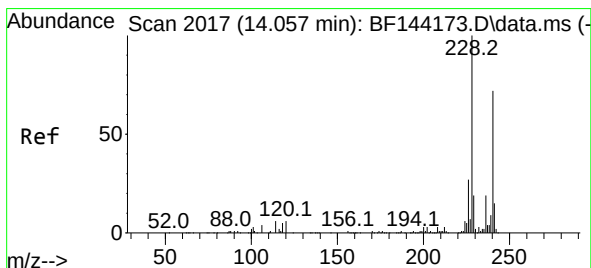
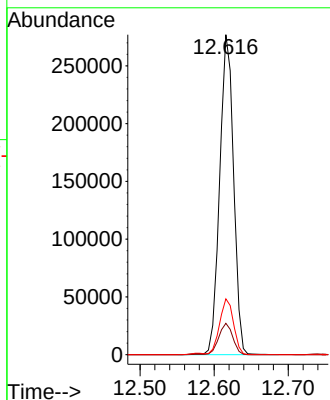
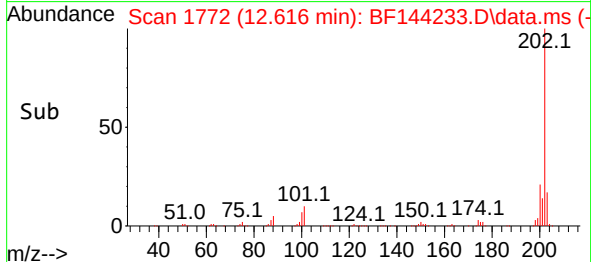
Instrument :
BNA_F
ClientSampleId :
PB170473BS



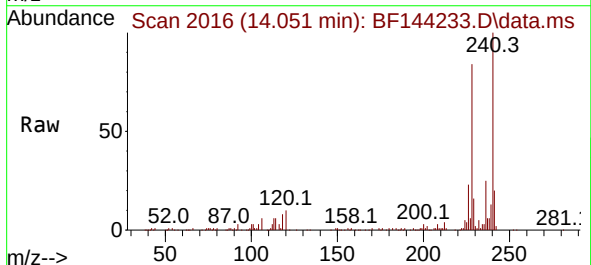
Tgt Ion:202 Resp: 36160
Ion Ratio Lower Upper
202 100
101 9.8 0.0 27.9
203 17.5 0.0 37.5

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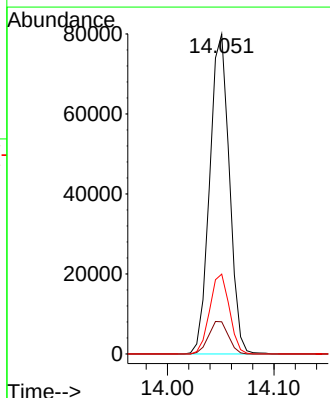
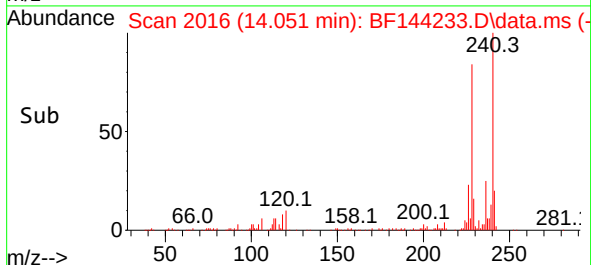
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

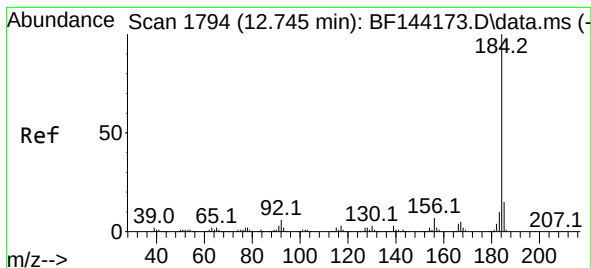


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21



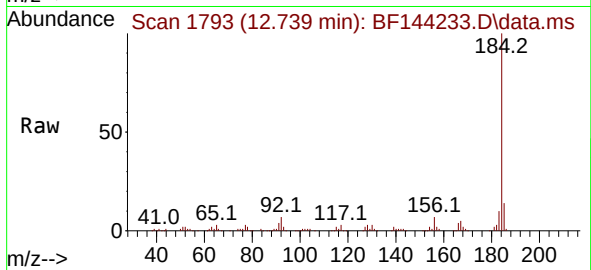
Tgt Ion:240 Resp: 102221
Ion Ratio Lower Upper
240 100
120 10.1 6.6 10.0#
236 24.9 21.4 32.2





#77
Benzidine
Concen: 56.590 ng
RT: 12.739 min Scan# 17110
Delta R.T. -0.012 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

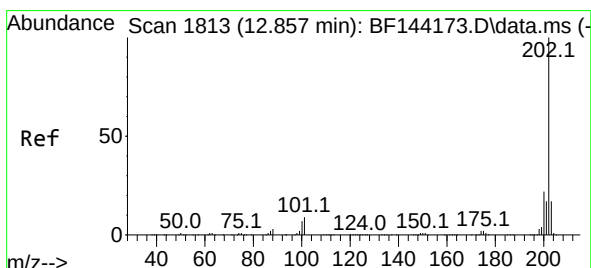
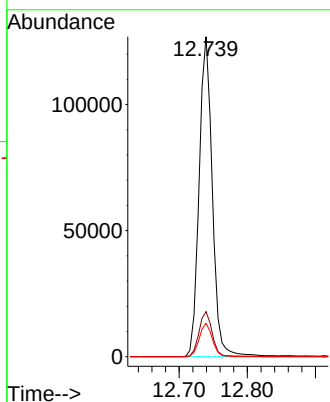
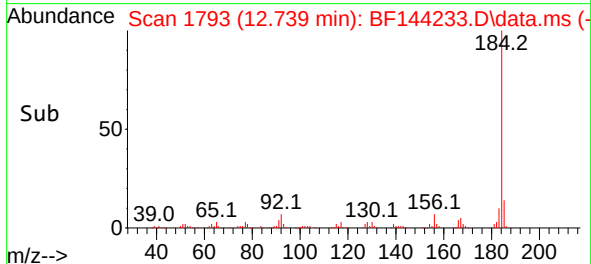
Instrument :
BNA_F
ClientSampleId :
PB170473BS



Tgt Ion:184 Resp: 17110
Ion Ratio Lower Upper
184 100
185 14.1 11.7 17.5
183 10.4 8.3 12.5

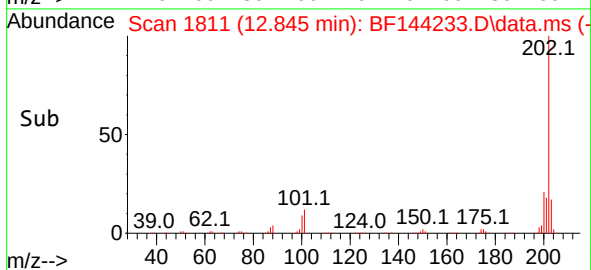
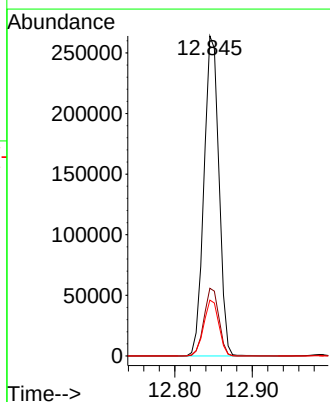
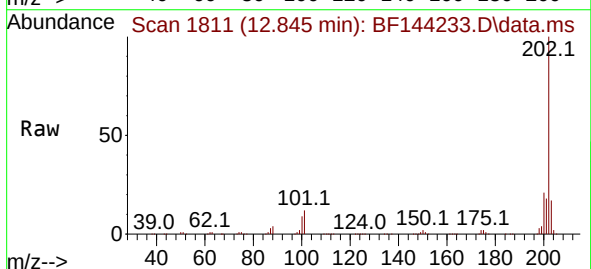
Manual Integrations
APPROVED

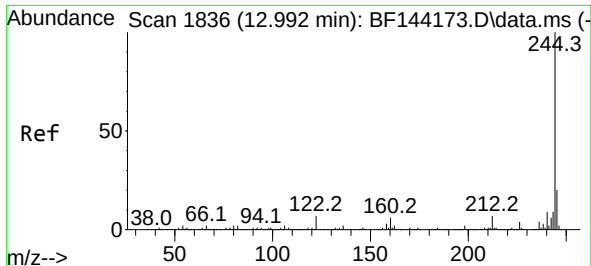
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#78
Pyrene
Concen: 42.894 ng
RT: 12.845 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

Tgt Ion:202 Resp: 353534
Ion Ratio Lower Upper
202 100
200 21.1 17.2 25.8
203 17.4 13.7 20.5





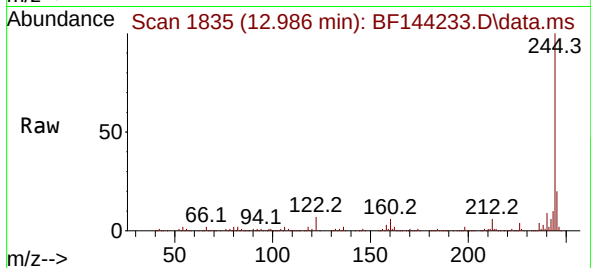
#79
 Terphenyl-d14
 Concen: 80.329 ng
 RT: 12.986 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: BF144233.D
 Acq: 12 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

PB170473BS

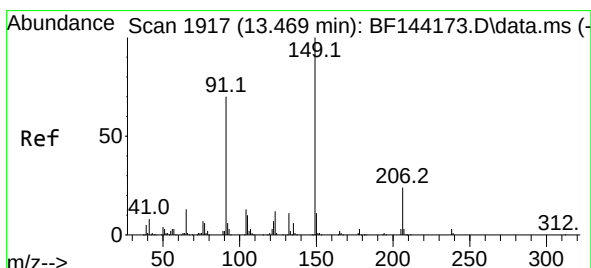
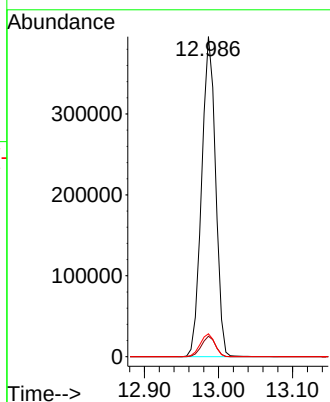
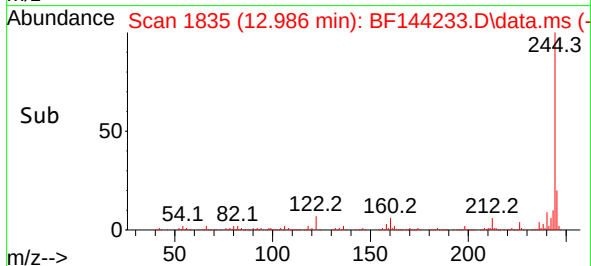


Tgt Ion:244 Resp: 516954
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.3 7.9
 122 7.1 5.6 8.4

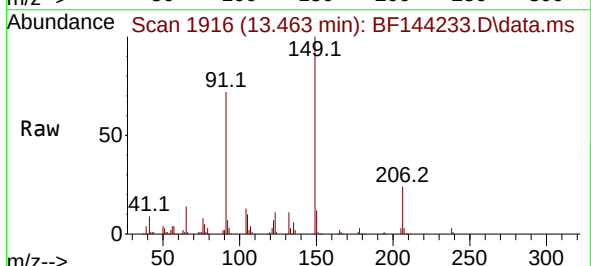
Manual Integrations

APPROVED

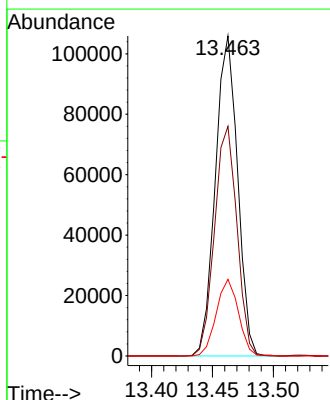
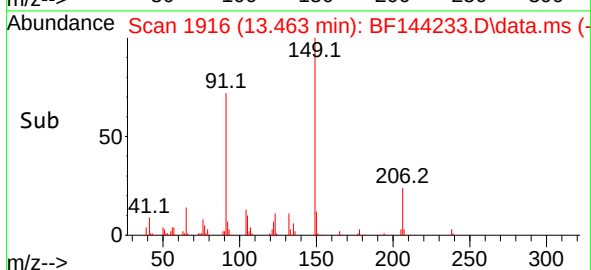
Reviewed By :Jagrut Upadhyay 11/13/2025
 Supervised By :mohammad ahmed 11/14/2025

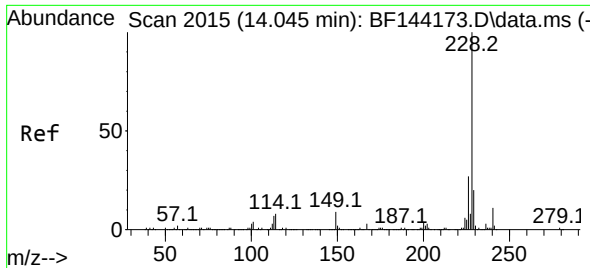


#80
 Butylbenzylphthalate
 Concen: 47.230 ng
 RT: 13.463 min Scan# 1916
 Delta R.T. -0.006 min
 Lab File: BF144233.D
 Acq: 12 Nov 2025 17:21



Tgt Ion:149 Resp: 134916
 Ion Ratio Lower Upper
 149 100
 91 71.7 56.1 84.1
 206 24.0 18.8 28.2





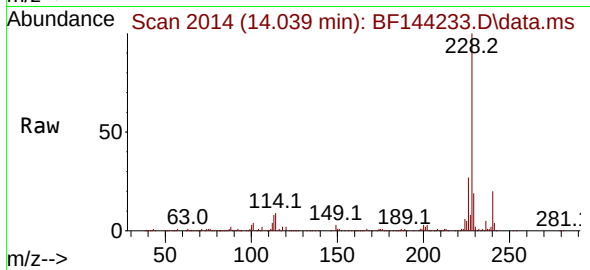
#81
Benzo(a)anthracene
Concen: 39.744 ng
RT: 14.039 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

PB170473BS

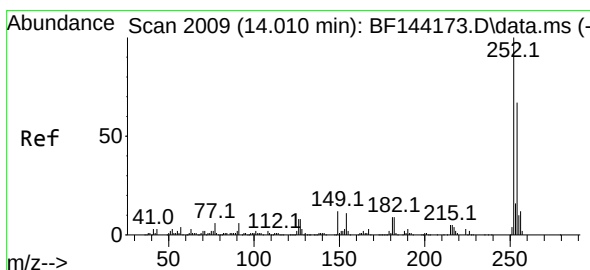
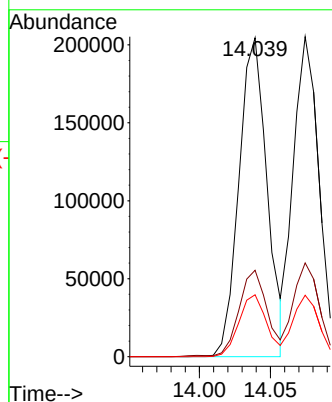
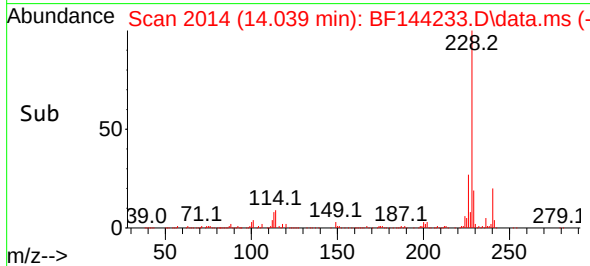


Tgt Ion:228 Resp: 281570
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.4 15.8 23.6

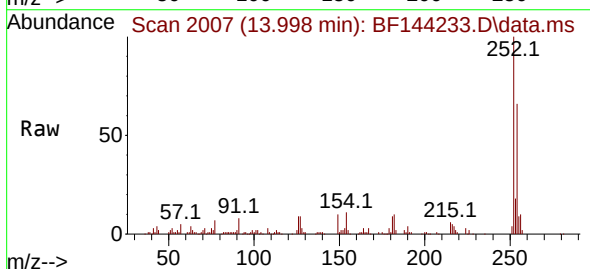
Manual Integrations

APPROVED

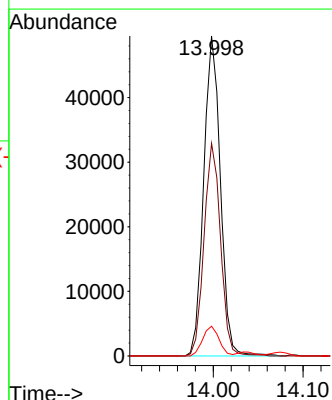
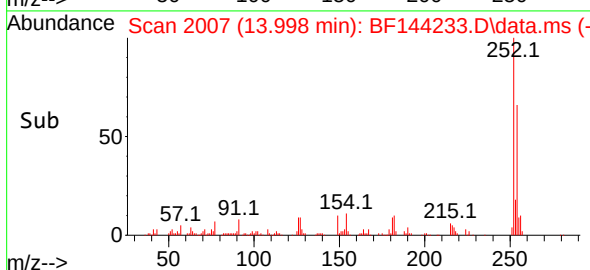
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

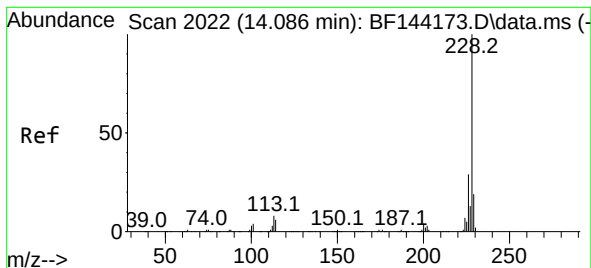


#82
3,3'-Dichlorobenzidine
Concen: 26.384 ng
RT: 13.998 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21



Tgt Ion:252 Resp: 64071
Ion Ratio Lower Upper
252 100
254 66.4 53.5 80.3
126 9.3 6.4 9.6





#83

Chrysene

Concen: 39.463 ng

RT: 14.074 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF144233.D

Acq: 12 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

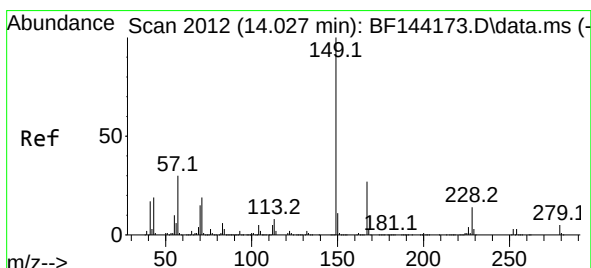
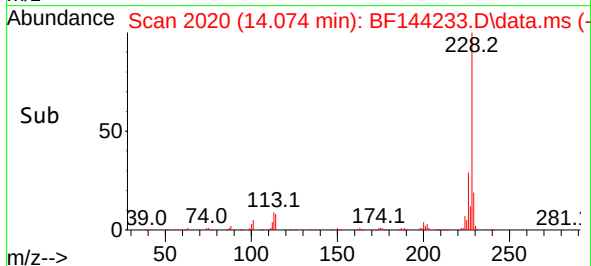
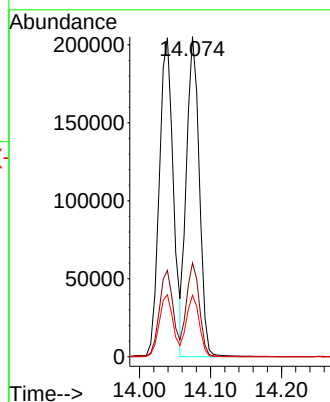
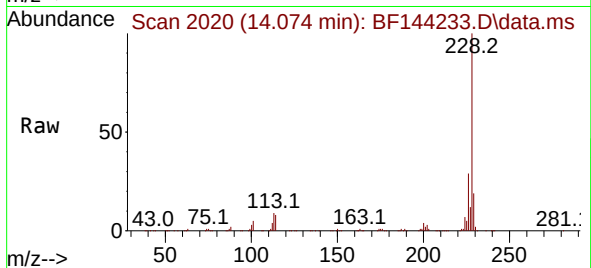
PB170473BS

Tgt Ion:	228	Resp:	25809
Ion Ratio	Lower	Upper	
228	100		
226	29.3	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: 44.381 ng

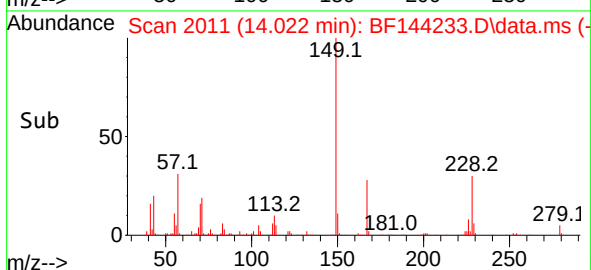
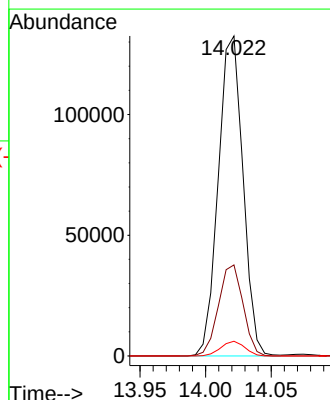
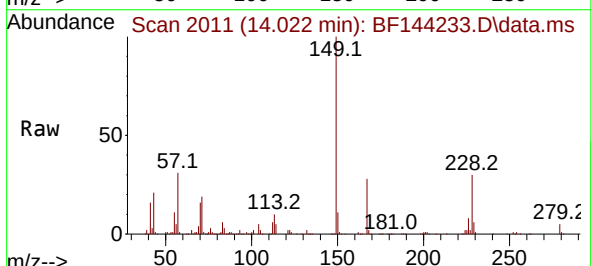
RT: 14.022 min Scan# 2011

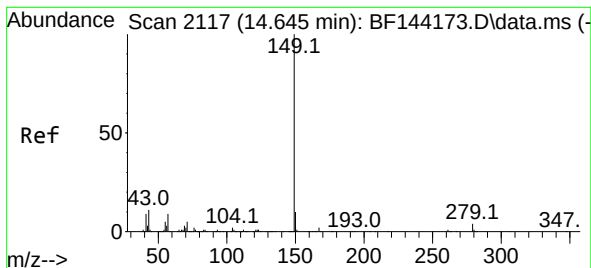
Delta R.T. -0.006 min

Lab File: BF144233.D

Acq: 12 Nov 2025 17:21

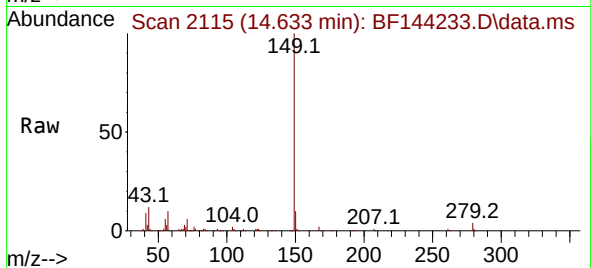
Tgt Ion:	149	Resp:	173549
Ion Ratio	Lower	Upper	
149	100		
167	28.5	21.8	32.8
279	4.6	3.7	5.5





#85
Di-n-octyl phthalate
Concen: 38.467 ng
RT: 14.633 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

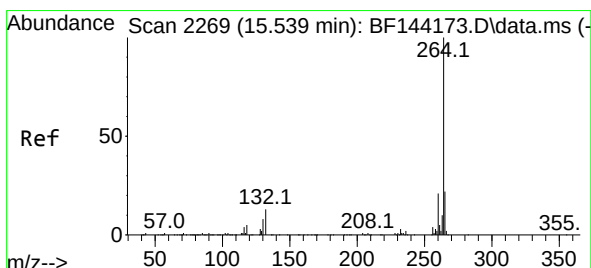
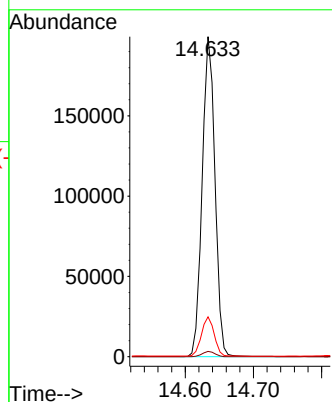
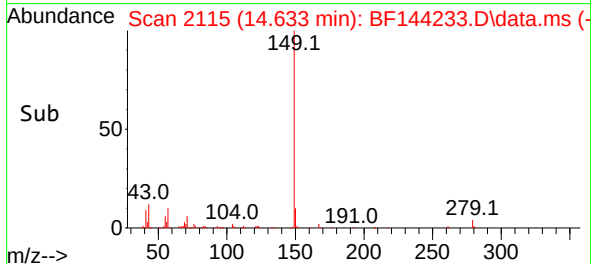
Instrument :
BNA_F
ClientSampleId :
PB170473BS



Tgt Ion:149 Resp: 25953
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 12.2 9.0 13.4

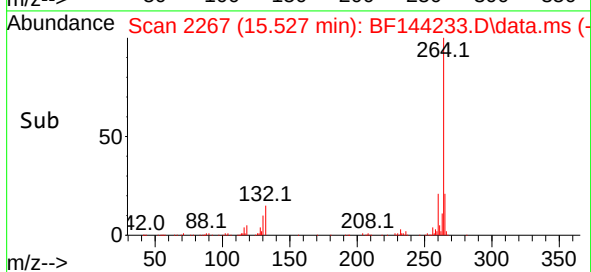
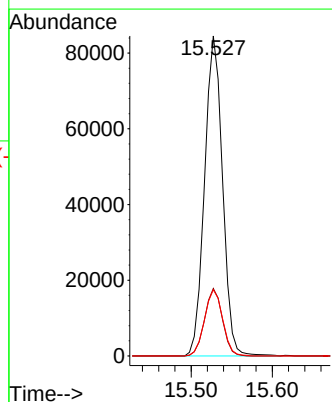
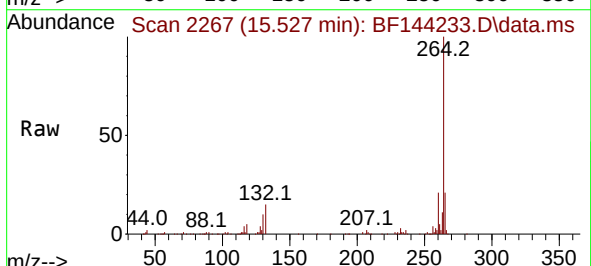
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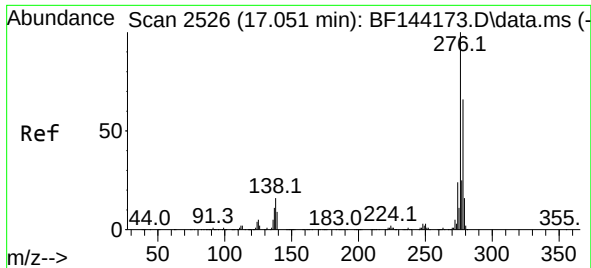
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

Tgt Ion:264 Resp: 129703
Ion Ratio Lower Upper
264 100
260 21.1 17.1 25.7
265 20.7 17.4 26.0





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 36.119 ng
 RT: 17.033 min Scan# 2193
 Delta R.T. 0.000 min
 Lab File: BF144233.D
 Acq: 12 Nov 2025 17:21

Instrument :

BNA_F

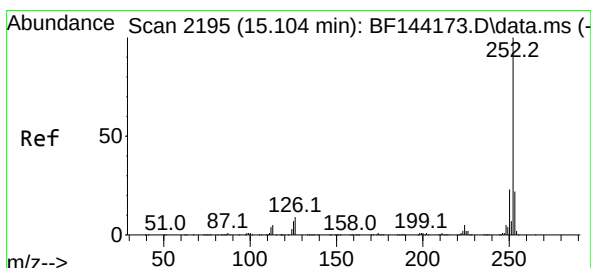
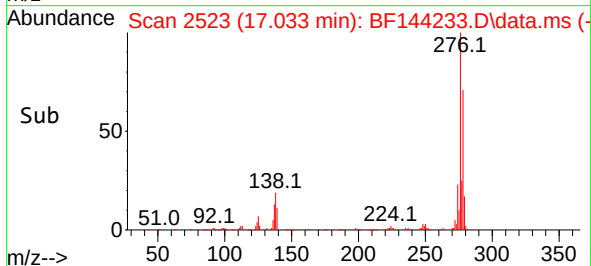
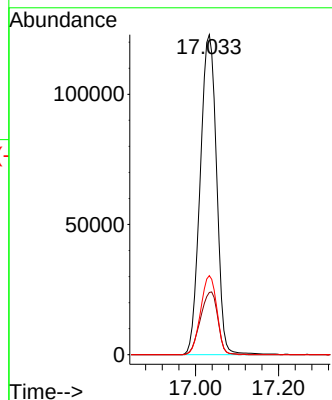
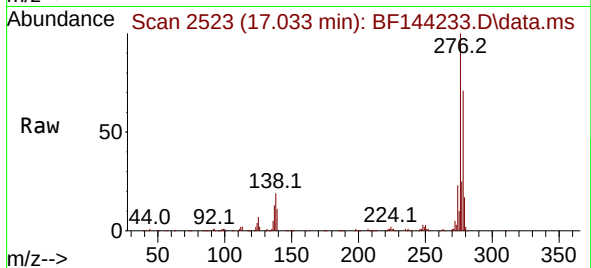
ClientSampleId :

PB170473BS

Tgt Ion:276 Resp: 336289
 Ion Ratio Lower Upper
 276 100
 138 20.9 13.9 20.9
 277 24.4 19.8 29.6

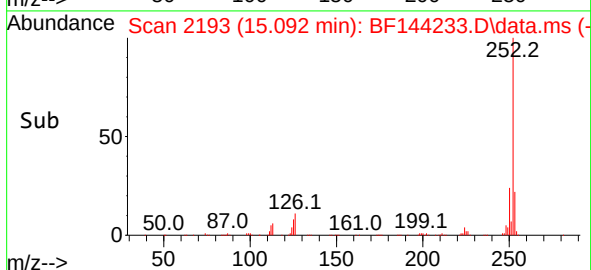
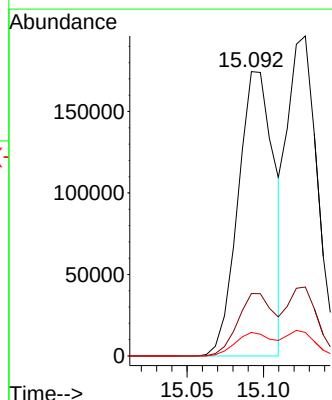
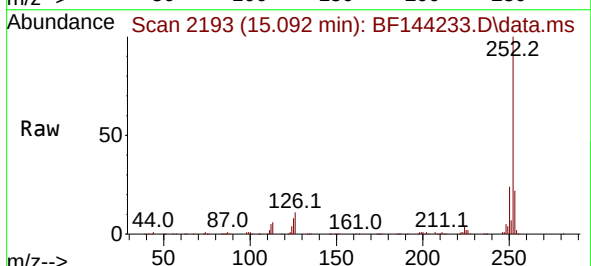
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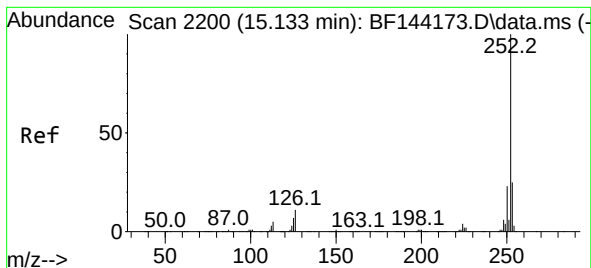
Reviewed By :Jagrut Upadhyay 11/13/2025
 Supervised By :mohammad ahmed 11/14/2025



#88
 Benzo(b)fluoranthene
 Concen: 39.118 ng m
 RT: 15.092 min Scan# 2193
 Delta R.T. -0.006 min
 Lab File: BF144233.D
 Acq: 12 Nov 2025 17:21

Tgt Ion:252 Resp: 288448
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.4 26.2
 125 8.3 5.3 7.9#





#89

Benzo(k)fluoranthene

Concen: 38.489 ng

RT: 15.127 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF144233.D

Acq: 12 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

PB170473BS

Tgt Ion:252 Resp: 26565

Ion Ratio Lower Upper

252 100

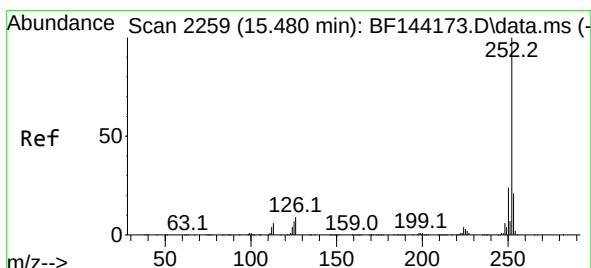
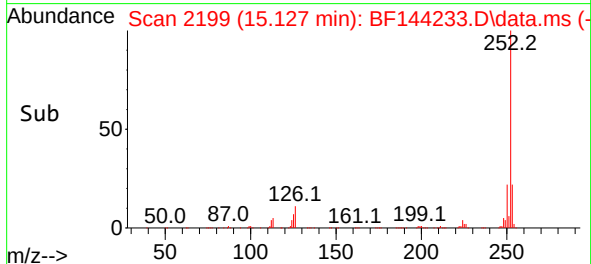
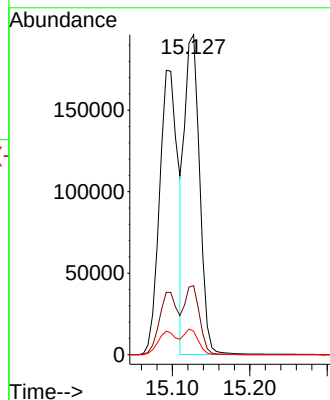
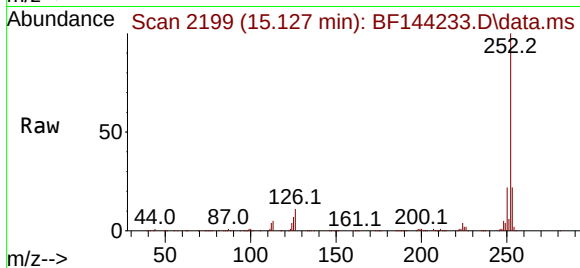
253 21.6 18.0 27.0

125 7.4 5.4 8.2

Manual Integrations

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



#90

Benzo(a)pyrene

Concen: 40.640 ng

RT: 15.469 min Scan# 2257

Delta R.T. -0.006 min

Lab File: BF144233.D

Acq: 12 Nov 2025 17:21

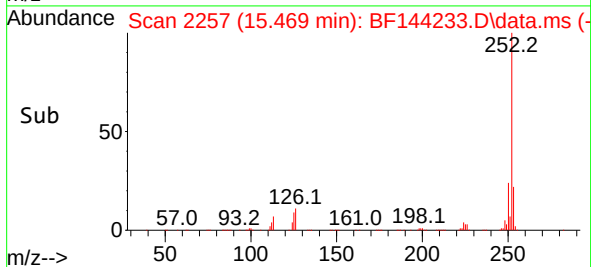
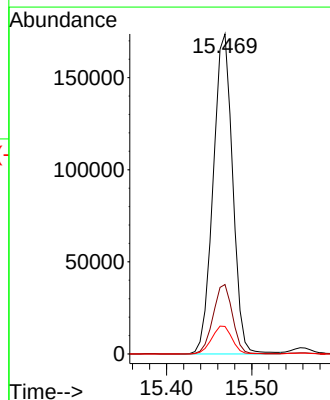
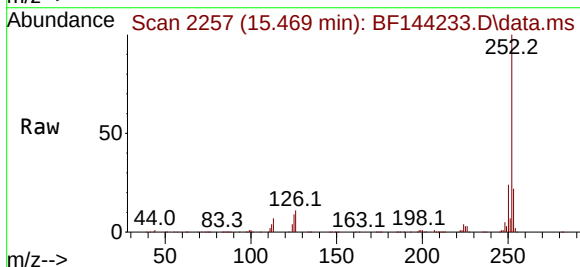
Tgt Ion:252 Resp: 276461

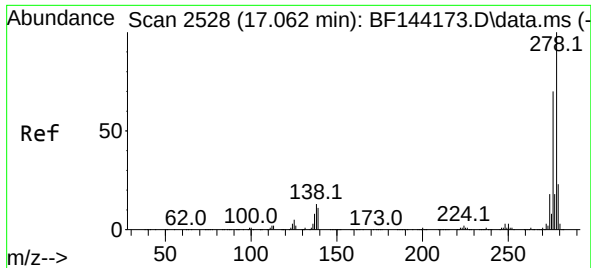
Ion Ratio Lower Upper

252 100

253 21.7 16.7 25.1

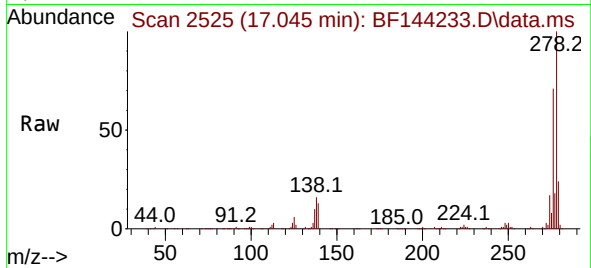
125 8.6 5.7 8.5#





#91
Dibenzo(a,h)anthracene
Concen: 36.236 ng
RT: 17.045 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21

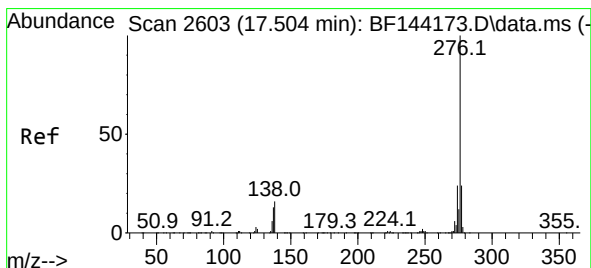
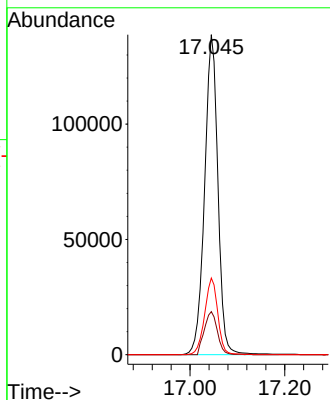
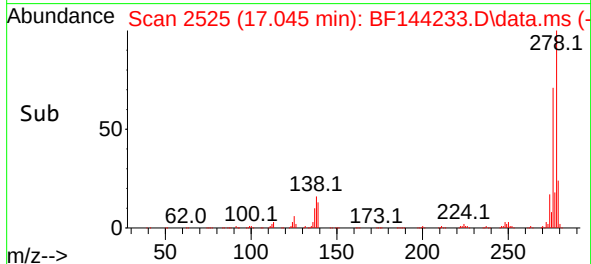
Instrument :
BNA_F
ClientSampleId :
PB170473BS



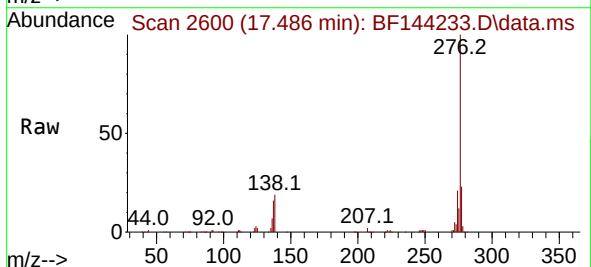
Tgt Ion:278 Resp: 270948
Ion Ratio Lower Upper
278 100
139 13.5 9.1 13.7
279 23.9 18.2 27.4

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



#92
Benzo(g,h,i)perylene
Concen: 36.843 ng
RT: 17.486 min Scan# 2600
Delta R.T. -0.006 min
Lab File: BF144233.D
Acq: 12 Nov 2025 17:21



Tgt Ion:276 Resp: 272047
Ion Ratio Lower Upper
276 100
277 22.9 19.0 28.4
138 18.8 12.9 19.3

