

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111225\
 Data File : BF144232.D
 Acq On : 12 Nov 2025 16:51
 Operator : RC/JU
 Sample : PB170323BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170323BS

Manual Integrations
 APPROVED

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

Quant Time: Nov 13 10:39:34 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	47907	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	192789	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	104300	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	179114	20.000	ng	0.00
76) Chrysene-d12	14.051	240	92727	20.000	ng	0.00
86) Perylene-d12	15.527	264	106133	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	354831	115.905	ng	0.01
7) Phenol-d6	6.504	99	408096	117.647	ng	0.00
23) Nitrobenzene-d5	7.434	82	266528	79.845	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	147857	112.968	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	533374	75.528	ng	0.00
79) Terphenyl-d14	12.986	244	534919	91.631	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.728	88	51148	40.412	ng	96
3) Pyridine	3.493	79	147819	41.862	ng	99
4) n-Nitrosodimethylamine	3.440	42	90014	48.803	ng	94
6) Aniline	6.534	93	173126	35.030	ng	94
8) 2-Chlorophenol	6.657	128	133818	44.572	ng	98
9) Benzaldehyde	6.422	77	68314	34.876	ng	99
10) Phenol	6.522	94	181171	42.748	ng	84
11) bis(2-Chloroethyl)ether	6.604	93	146740	47.517	ng	96
12) 1,3-Dichlorobenzene	6.810	146	156437	42.227	ng	100
13) 1,4-Dichlorobenzene	6.887	146	159248	42.906	ng	99
14) 1,2-Dichlorobenzene	7.039	146	155487	43.707	ng	98
15) Benzyl Alcohol	7.010	79	130011	47.333	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	297747	52.356	ng	98
17) 2-Methylphenol	7.122	107	107892	45.173	ng	96
18) Hexachloroethane	7.381	117	52541	42.609	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	100988	44.224	ng	94
20) 3+4-Methylphenols	7.275	107	118122	41.954	ng	97
22) Acetophenone	7.281	105	185250	44.792	ng	96
24) Nitrobenzene	7.451	77	156966	43.309	ng	99
25) Isophorone	7.692	82	285699	45.249	ng	99
26) 2-Nitrophenol	7.769	139	79049	44.060	ng	96
27) 2,4-Dimethylphenol	7.804	122	129272	48.073	ng	100
28) bis(2-Chloroethoxy)met...	7.898	93	177575	45.037	ng	97
29) 2,4-Dichlorophenol	8.010	162	126258	40.737	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	133667	42.000	ng	99
31) Naphthalene	8.175	128	375705	40.968	ng	99
32) Benzoic acid	7.939	122	97541	49.485	ng	93
33) 4-Chloroaniline	8.222	127	88116	26.345	ng	98
34) Hexachlorobutadiene	8.286	225	91590	38.186	ng	97
35) Caprolactam	8.598	113	43868m	51.663	ng	
36) 4-Chloro-3-methylphenol	8.704	107	120896	43.524	ng	98
37) 2-Methylnaphthalene	8.863	142	233804	38.131	ng	98
38) 1-Methylnaphthalene	8.963	142	235362	39.782	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	146442	42.841	ng	98
41) Hexachlorocyclopentadiene	9.016	237	105688	79.395	ng	97
43) 2,4,6-Trichlorophenol	9.145	196	100305	43.114	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111225\
 Data File : BF144232.D
 Acq On : 12 Nov 2025 16:51
 Operator : RC/JU
 Sample : PB170323BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170323BS

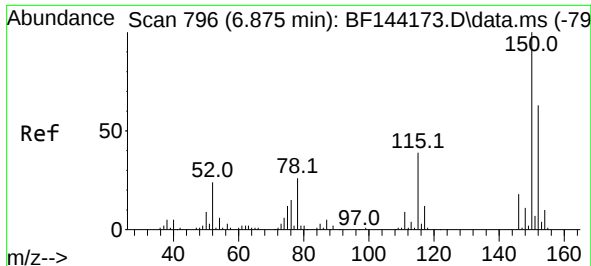
Manual Integrations
 APPROVED

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

Quant Time: Nov 13 10:39:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	104835	41.809	ng	98
46) 1,1'-Biphenyl	9.328	154	332486	45.668	ng	99
47) 2-Chloronaphthalene	9.357	162	260690	41.977	ng	99
48) 2-Nitroaniline	9.451	65	85459	47.692	ng	99
49) Acenaphthylene	9.775	152	397570	46.978	ng	99
50) Dimethylphthalate	9.633	163	311681	45.108	ng	99
51) 2,6-Dinitrotoluene	9.698	165	67663	48.374	ng	96
52) Acenaphthene	9.945	154	225001	39.758	ng	99
53) 3-Nitroaniline	9.869	138	54746	35.804	ng	99
54) 2,4-Dinitrophenol	9.980	184	68602	81.221	ng	96
55) Dibenzofuran	10.116	168	324889	40.990	ng	100
56) 4-Nitrophenol	10.033	139	94585	85.516	ng	98
57) 2,4-Dinitrotoluene	10.104	165	89444	47.767	ng	96
58) Fluorene	10.463	166	256278	42.527	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	79416	44.765	ng	98
60) Diethylphthalate	10.333	149	287534	45.141	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	137769	40.134	ng	99
62) 4-Nitroaniline	10.486	138	67761	46.535	ng	92
63) Azobenzene	10.610	77	283712	47.859	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	51151	42.038	ng	98
66) n-Nitrosodiphenylamine	10.569	169	255483	44.349	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	95107	41.600	ng	95
68) Hexachlorobenzene	11.010	284	110929	41.194	ng	99
69) Atrazine	11.098	200	84004	45.852	ng	98
70) Pentachlorophenol	11.210	266	118302	88.223	ng	98
71) Phenanthrene	11.427	178	376843	42.257	ng	100
72) Anthracene	11.480	178	383127	42.251	ng	99
73) Carbazole	11.633	167	331413	42.981	ng	99
74) Di-n-butylphthalate	11.957	149	424757	45.568	ng	100
75) Fluoranthene	12.616	202	370847	40.256	ng	98
77) Benzidine	12.739	184	75217	27.423	ng	98
78) Pyrene	12.845	202	364875	48.803	ng	99
80) Butylbenzylphthalate	13.463	149	137159	52.931	ng	99
81) Benzo(a)anthracene	14.039	228	290933	45.270	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	80899	36.724	ng	98
83) Chrysene	14.074	228	263491	44.414	ng	97
84) Bis(2-ethylhexyl)phtha...	14.021	149	177351	49.996	ng	98
85) Di-n-octyl phthalate	14.633	149	274123	44.790	ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	348356	45.724	ng	# 96
88) Benzo(b)fluoranthene	15.098	252	298579m	49.484	ng	
89) Benzo(k)fluoranthene	15.127	252	276301	48.923	ng	98
90) Benzo(a)pyrene	15.468	252	280147	50.327	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	283279	46.298	ng	98
92) Benzo(g,h,i)perylene	17.486	276	280300	46.390	ng	97

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF144232.D
 Acq: 12 Nov 2025 16:51

Instrument :

BNA_F

ClientSampleId :

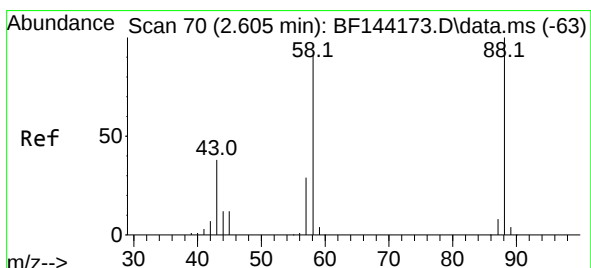
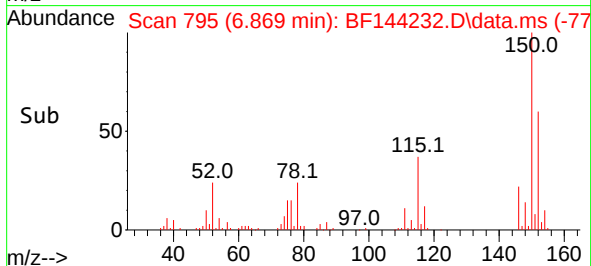
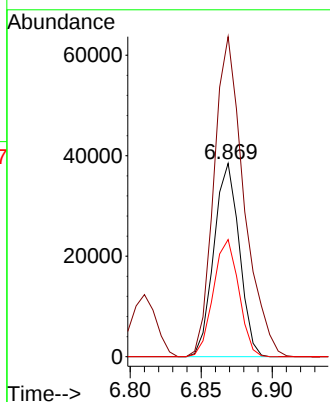
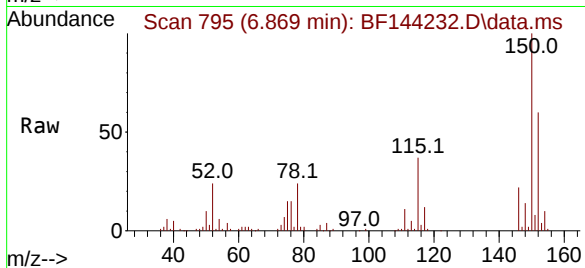
PB170323BS

Tgt Ion:152 Resp: 4790
 Ion Ratio Lower Upper
 152 100
 150 165.6 127.4 191.0
 115 60.6 49.5 74.3

Manual Integrations

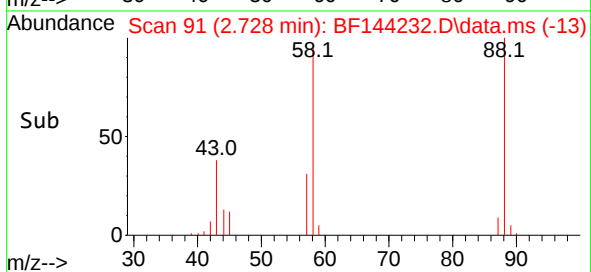
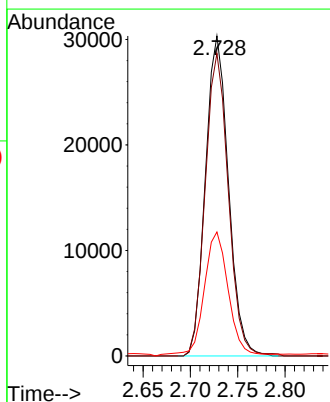
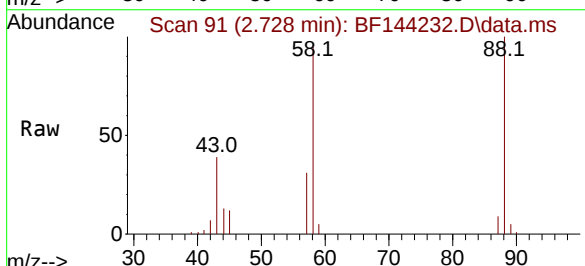
APPROVED

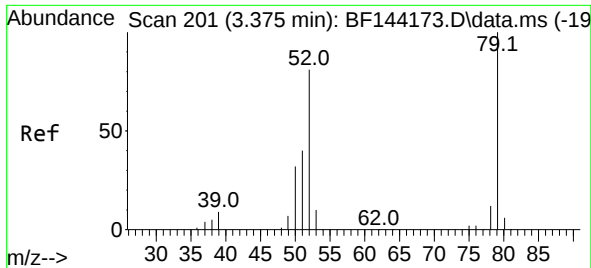
Reviewed By :Jagrut Upadhyay 11/13/2025
 Supervised By :mohammad ahmed 11/14/2025



#2
 1,4-Dioxane
 Concen: 40.412 ng
 RT: 2.728 min Scan# 91
 Delta R.T. 0.112 min
 Lab File: BF144232.D
 Acq: 12 Nov 2025 16:51

Tgt Ion: 88 Resp: 51148
 Ion Ratio Lower Upper
 88 100
 58 95.0 73.1 109.7
 43 40.9 31.0 46.6





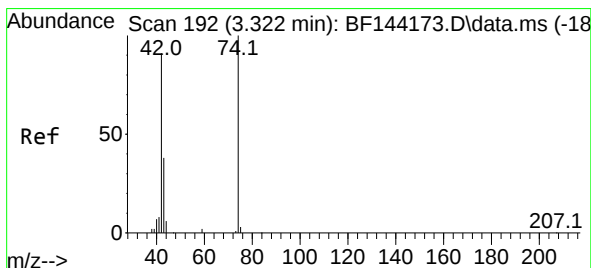
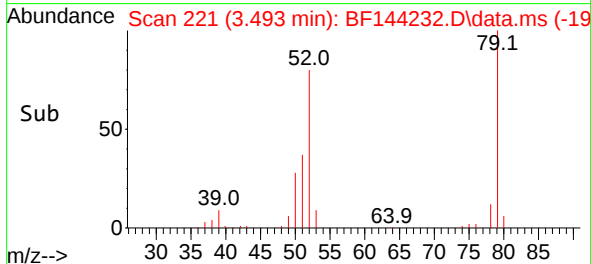
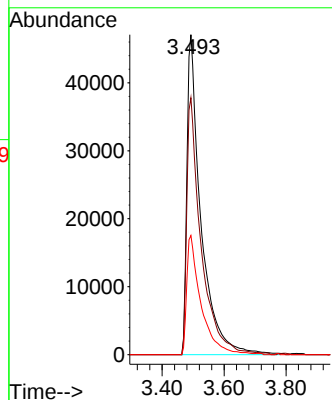
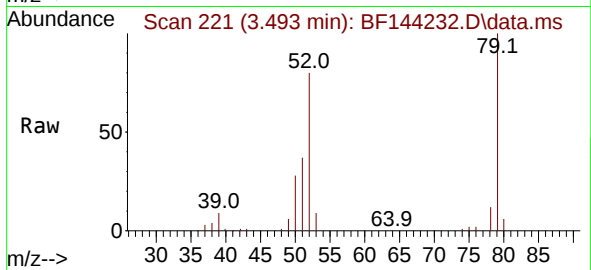
#3
Pyridine
Concen: 41.862 ng
RT: 3.493 min Scan# 211
Delta R.T. 0.082 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Instrument :
BNA_F
ClientSampleId :
PB170323BS

Tgt Ion: 79 Resp: 147819
Ion Ratio Lower Upper
79 100
52 80.3 64.5 96.7
51 37.2 31.7 47.5

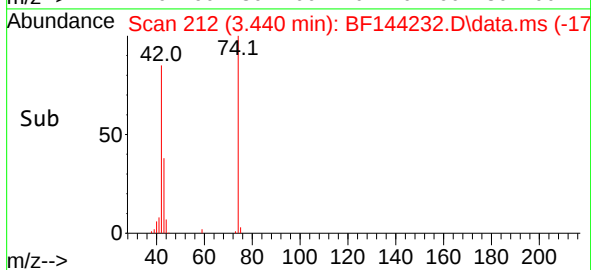
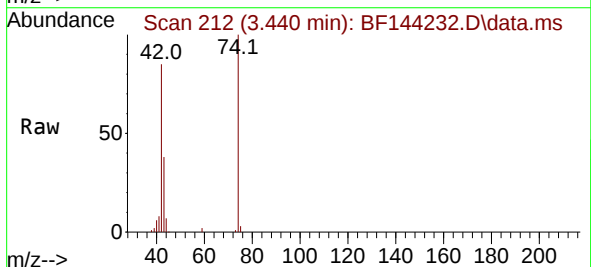
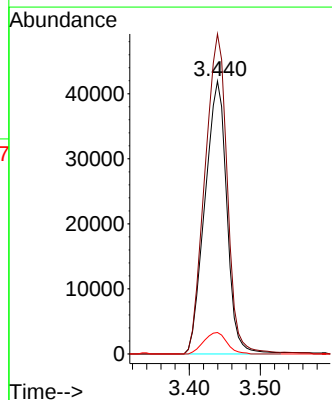
Manual Integrations
APPROVED

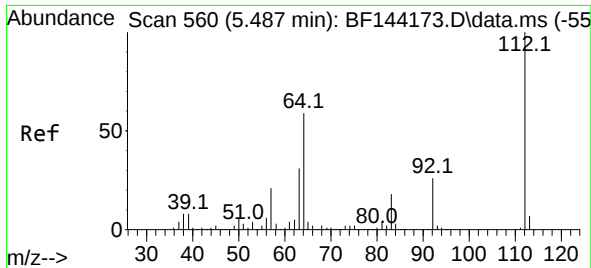
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#4
n-Nitrosodimethylamine
Concen: 48.803 ng
RT: 3.440 min Scan# 212
Delta R.T. 0.094 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Tgt Ion: 42 Resp: 90014
Ion Ratio Lower Upper
42 100
74 117.3 88.2 132.4
44 7.9 5.7 8.5





#5
2-Fluorophenol
Concen: 115.905 ng
RT: 5.504 min Scan# 504
Delta R.T. 0.012 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Instrument :

BNA_F

ClientSampleId :

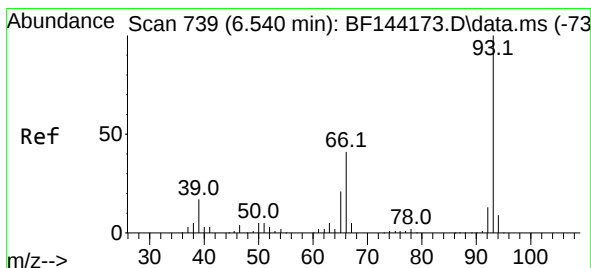
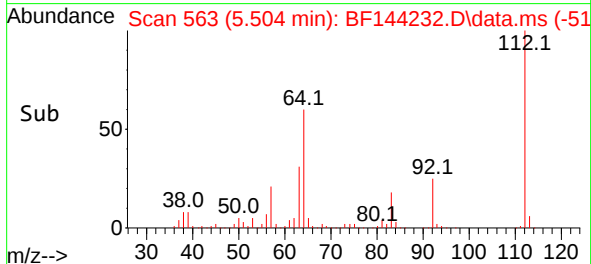
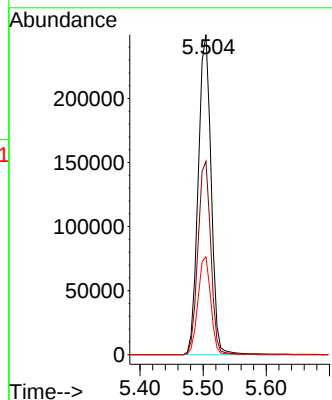
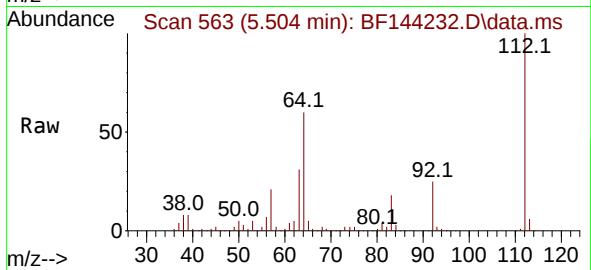
PB170323BS

Tgt Ion:112 Resp: 35483
Ion Ratio Lower Upper
112 100
64 60.4 47.2 70.8
63 30.6 24.4 36.6

Manual Integrations

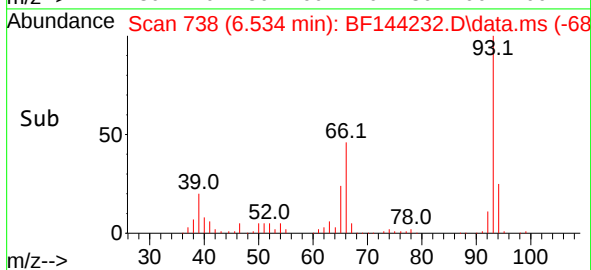
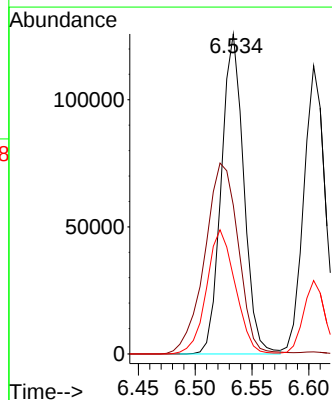
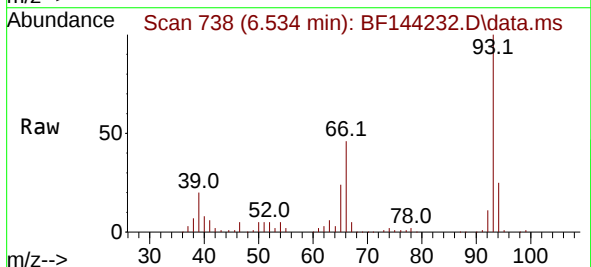
APPROVED

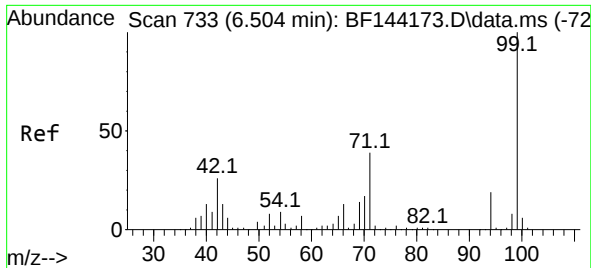
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#6
Aniline
Concen: 35.030 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

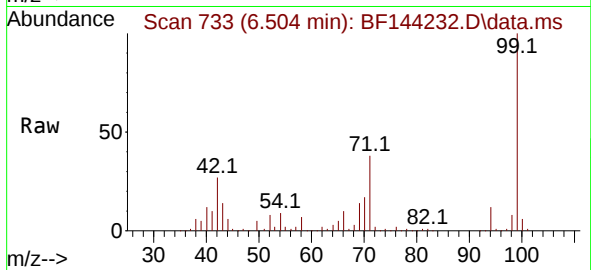
Tgt Ion: 93 Resp: 173126
Ion Ratio Lower Upper
93 100
66 46.4 34.3 51.5
65 24.1 16.9 25.3





#7
Phenol-d6
Concen: 117.647 ng
RT: 6.504 min Scan# 713
Delta R.T. 0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

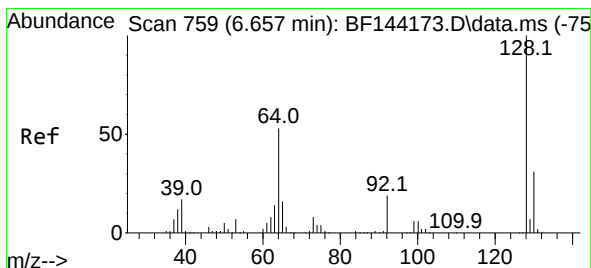
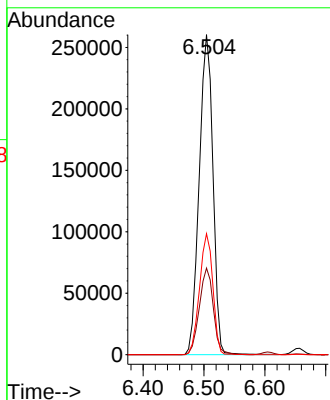
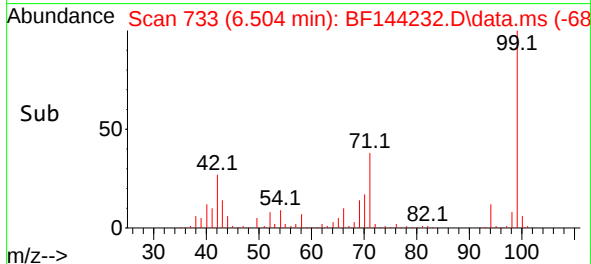
Instrument :
BNA_F
ClientSampleId :
PB170323BS



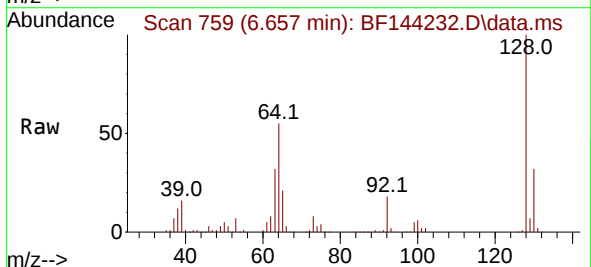
Tgt Ion: 99 Resp: 408090
Ion Ratio Lower Upper
99 100
42 27.0 20.9 31.3
71 37.8 31.4 47.2

Manual Integrations
APPROVED

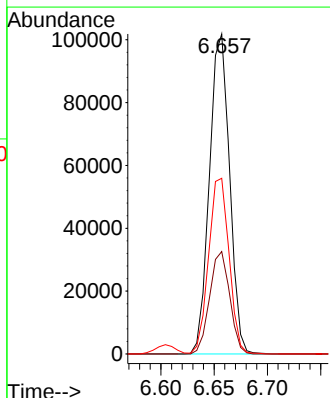
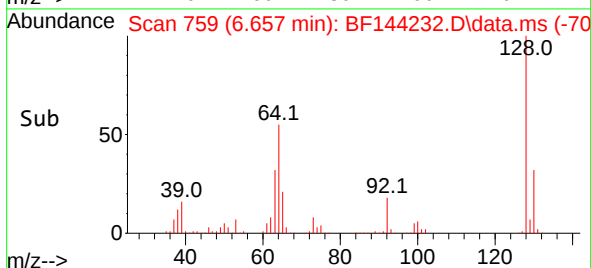
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

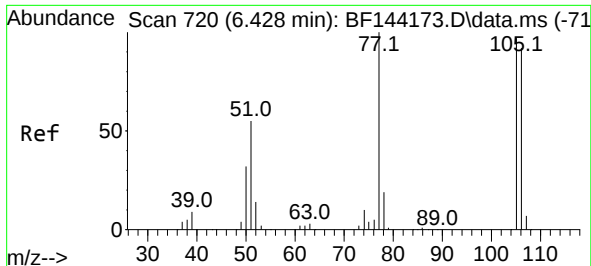


#8
2-Chlorophenol
Concen: 44.572 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51



Tgt Ion:128 Resp: 133818
Ion Ratio Lower Upper
128 100
130 32.0 10.5 50.5
64 54.9 33.2 73.2





#9

Benzaldehyde

Concen: 34.876 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF144232.D

Acq: 12 Nov 2025 16:51

Instrument :

BNA_F

ClientSampleId :

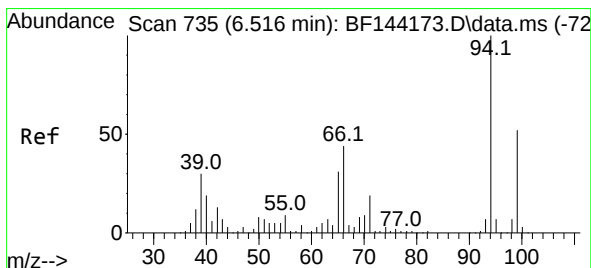
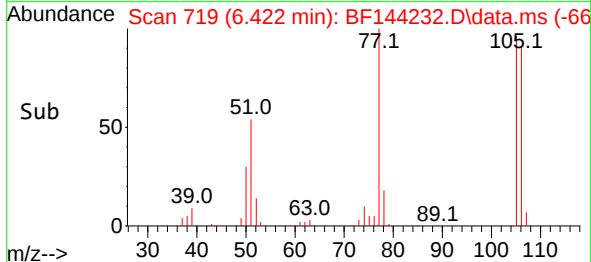
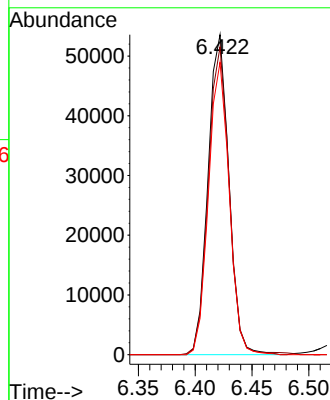
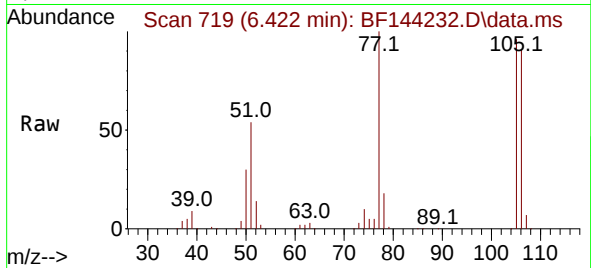
PB170323BS

Tgt Ion: 77	Resp: 68314
Ion Ratio	Lower Upper
77 100	
105 96.2	77.2 117.2
106 91.4	72.2 112.2

Manual Integrations

APPROVED

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



#10

Phenol

Concen: 42.748 ng

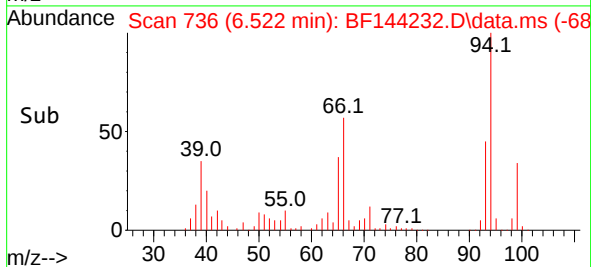
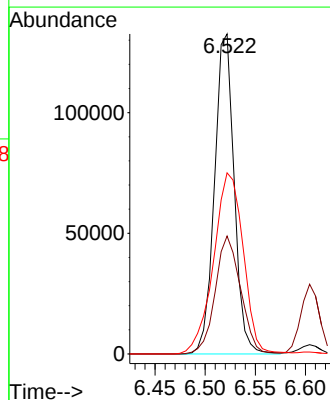
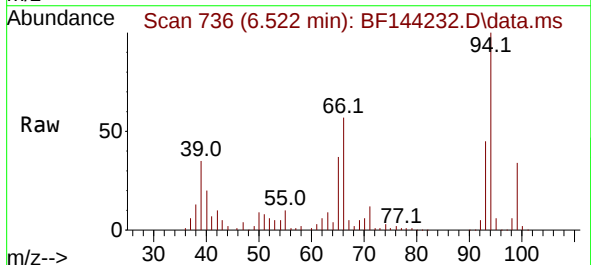
RT: 6.522 min Scan# 736

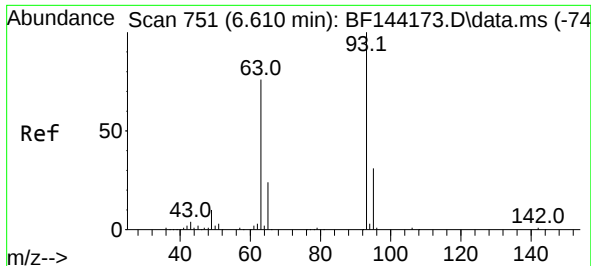
Delta R.T. 0.012 min

Lab File: BF144232.D

Acq: 12 Nov 2025 16:51

Tgt Ion: 94	Resp: 181171
Ion Ratio	Lower Upper
94 100	
65 36.8	10.8 50.8
66 56.6	24.3 64.3





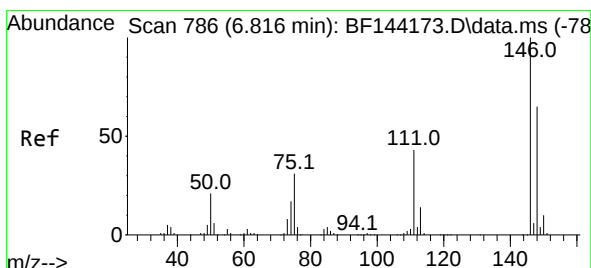
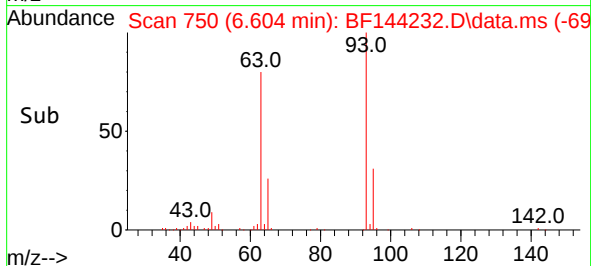
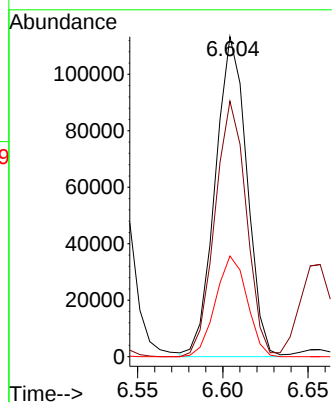
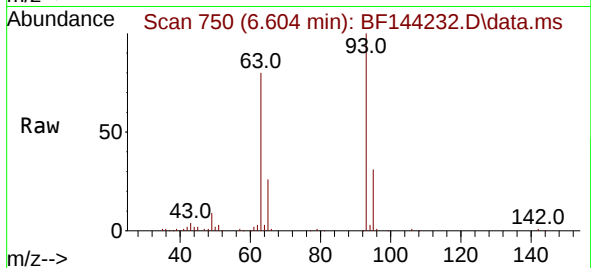
#11
bis(2-Chloroethyl)ether
Concen: 47.517 ng
RT: 6.604 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Instrument :
BNA_F
ClientSampleId :
PB170323BS

Tgt Ion: 93 Resp: 146740
Ion Ratio Lower Upper
93 100
63 79.9 55.2 95.2
95 31.4 11.2 51.2

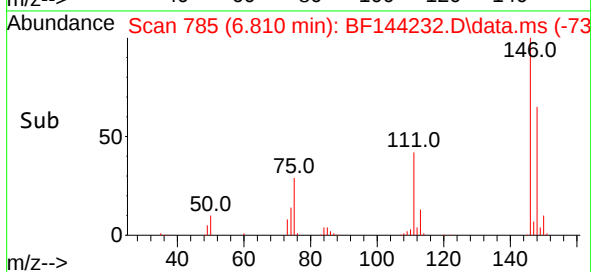
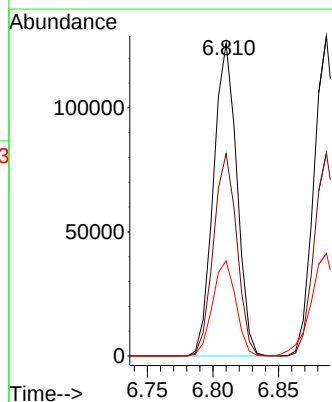
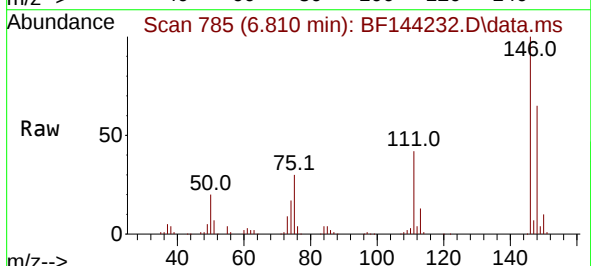
Manual Integrations
APPROVED

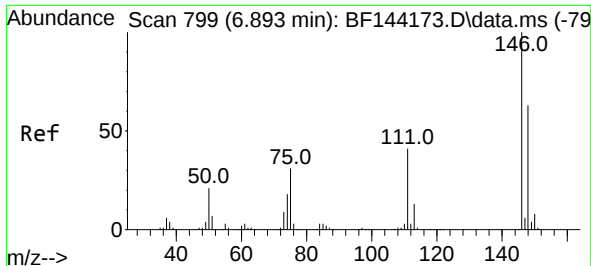
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#12
1,3-Dichlorobenzene
Concen: 42.227 ng
RT: 6.810 min Scan# 785
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Tgt Ion:146 Resp: 156437
Ion Ratio Lower Upper
146 100
148 64.8 51.8 77.8
75 30.4 25.0 37.4





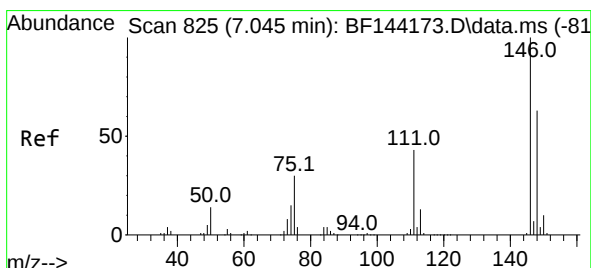
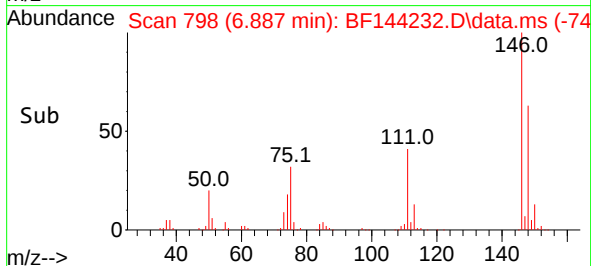
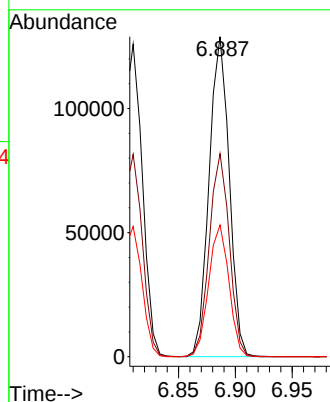
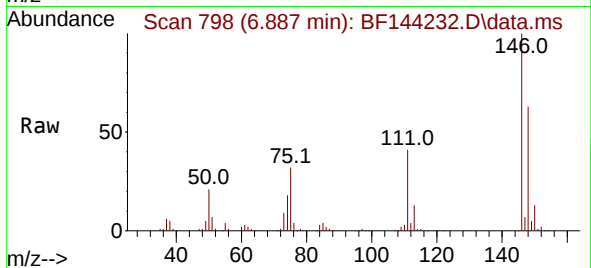
#13
1,4-Dichlorobenzene
Concen: 42.906 ng
RT: 6.887 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Instrument :
BNA_F
ClientSampleId :
PB170323BS

Tgt Ion:146 Resp: 159248
Ion Ratio Lower Upper
146 100
148 63.5 50.2 75.2
111 41.1 32.6 48.8

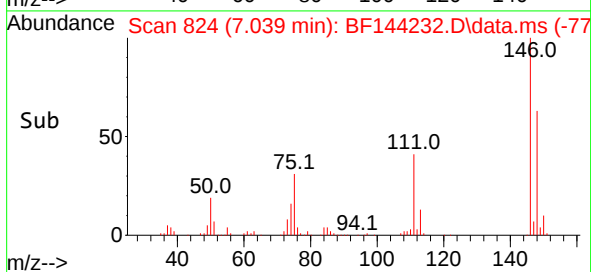
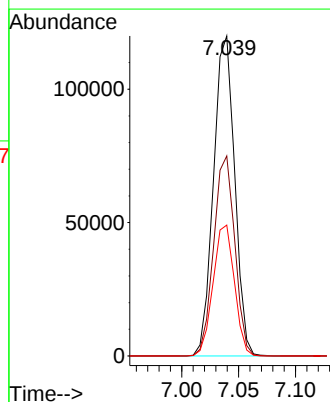
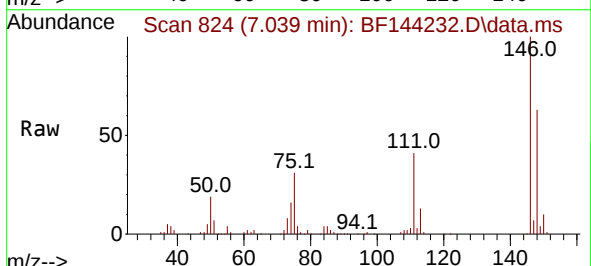
Manual Integrations
APPROVED

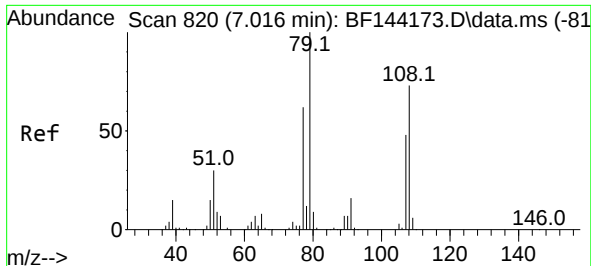
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#14
1,2-Dichlorobenzene
Concen: 43.707 ng
RT: 7.039 min Scan# 824
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Tgt Ion:146 Resp: 155487
Ion Ratio Lower Upper
146 100
148 62.5 50.7 76.1
111 40.9 34.2 51.4





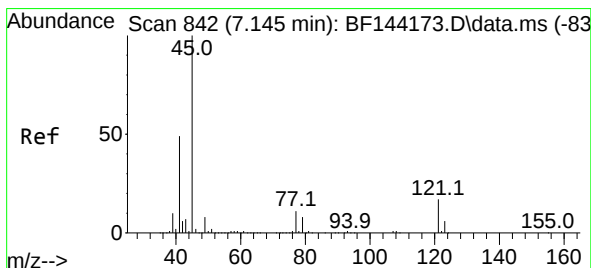
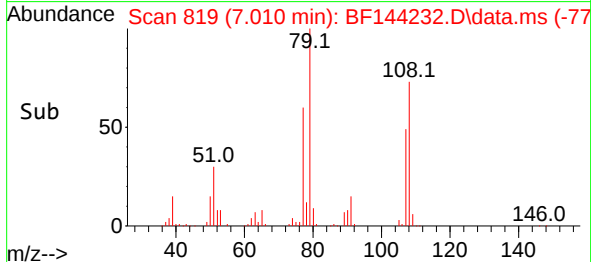
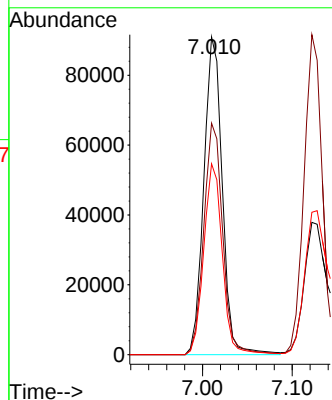
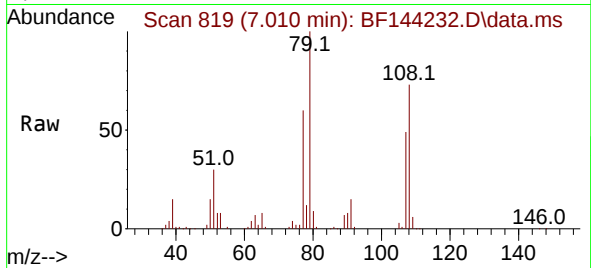
#15
Benzyl Alcohol
Concen: 47.333 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Instrument :
BNA_F
ClientSampleId :
PB170323BS

Tgt Ion: 79 Resp: 13001
Ion Ratio Lower Upper
79 100
108 72.9 58.2 87.4
77 60.1 49.9 74.9

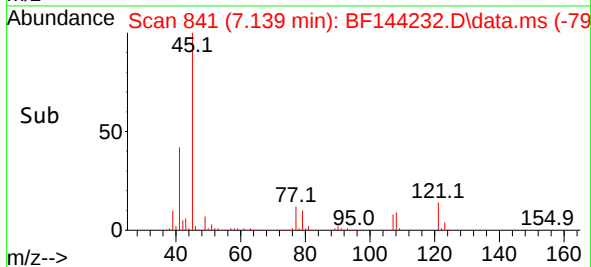
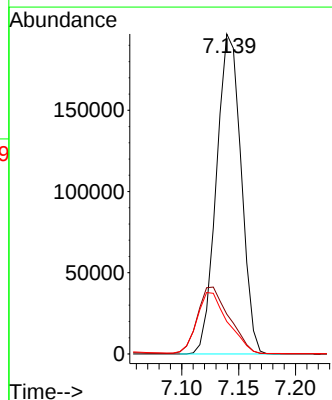
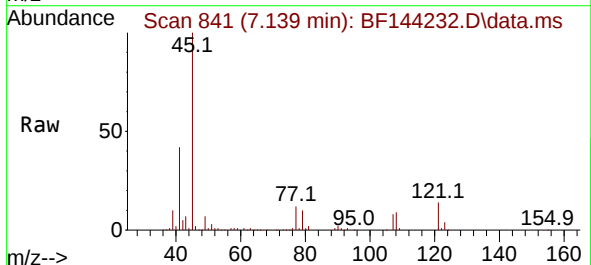
Manual Integrations
APPROVED

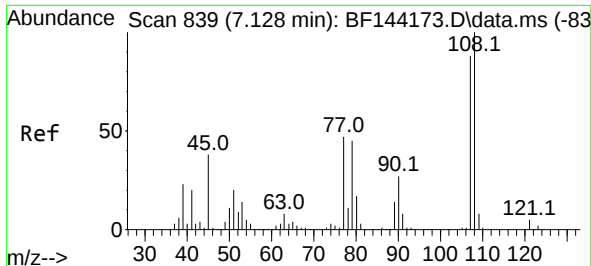
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.356 ng
RT: 7.139 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Tgt Ion: 45 Resp: 297747
Ion Ratio Lower Upper
45 100
77 12.5 0.0 31.8
79 10.2 0.0 29.1





#17
2-Methylphenol
Concen: 45.173 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Instrument :

BNA_F

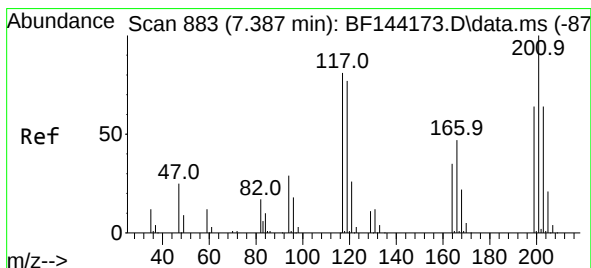
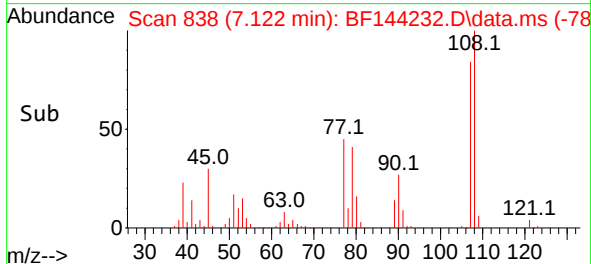
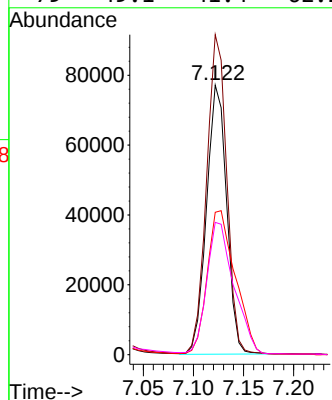
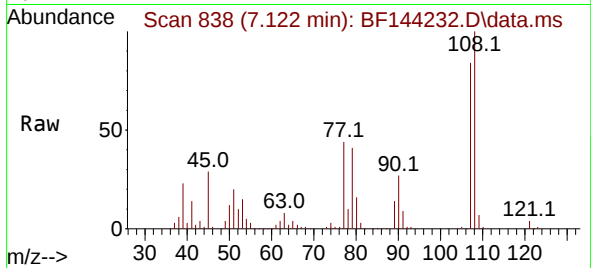
ClientSampleId :

PB170323BS

Tgt Ion:107 Resp: 10789
Ion Ratio Lower Upper
107 100
108 118.7 91.0 136.4
77 52.8 42.7 64.1
79 49.1 41.4 62.2

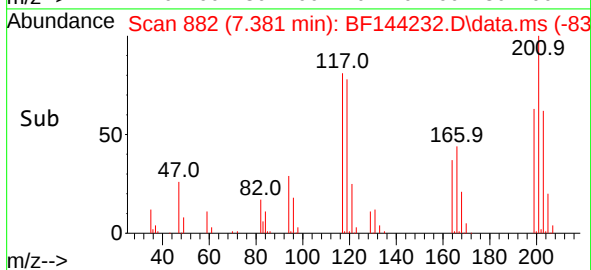
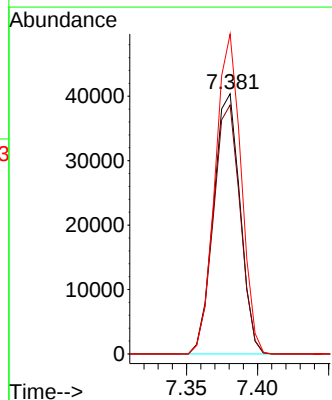
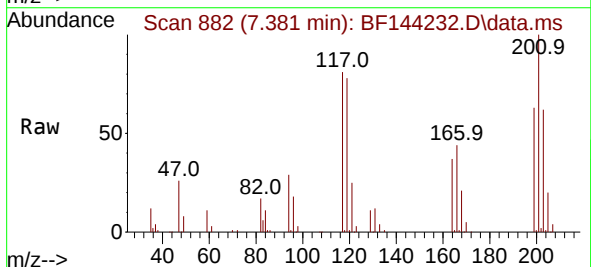
Manual Integrations
APPROVED

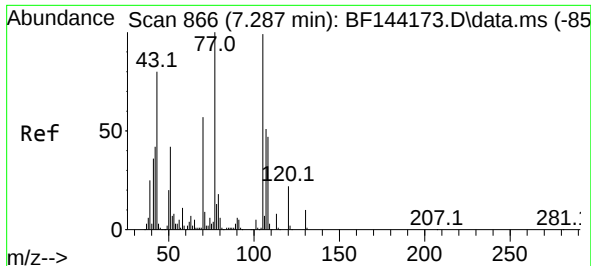
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#18
Hexachloroethane
Concen: 42.609 ng
RT: 7.381 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

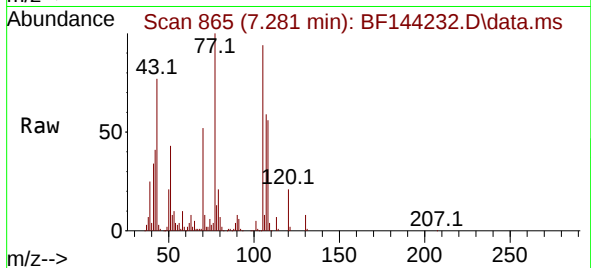
Tgt Ion:117 Resp: 52541
Ion Ratio Lower Upper
117 100
119 95.7 75.8 113.8
201 123.0 98.9 148.3





#19
n-Nitroso-di-n-propylamine
Concen: 44.224 ng
RT: 7.281 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

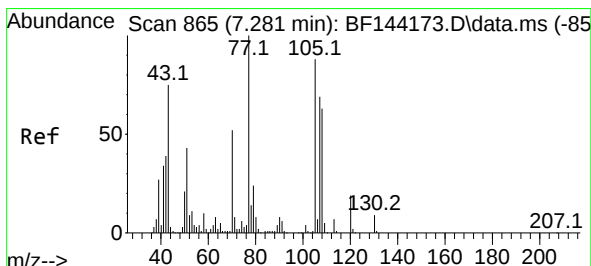
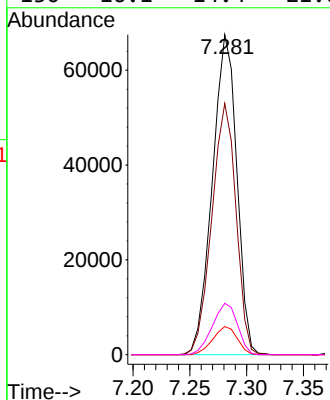
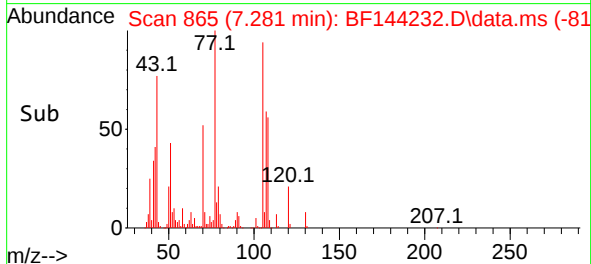
Instrument :
BNA_F
ClientSampleId :
PB170323BS



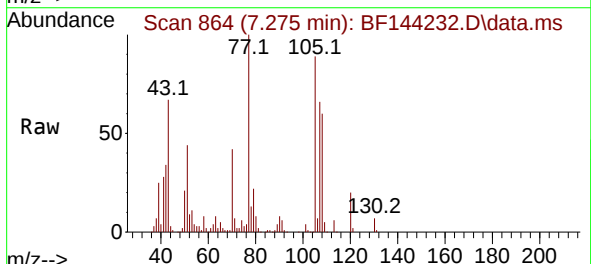
Tgt Ion: 70 Resp: 100988
Ion Ratio Lower Upper
70 100
42 78.5 58.3 87.5
101 8.8 7.0 10.6
130 16.1 14.4 21.6

Manual Integrations
APPROVED

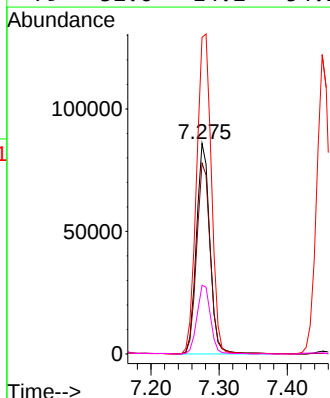
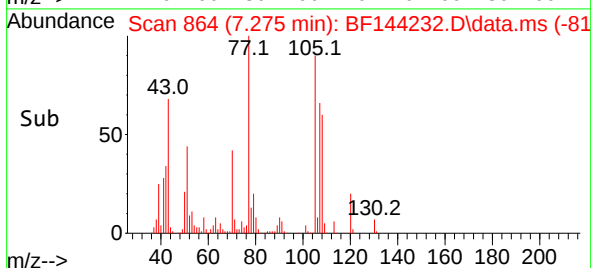
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

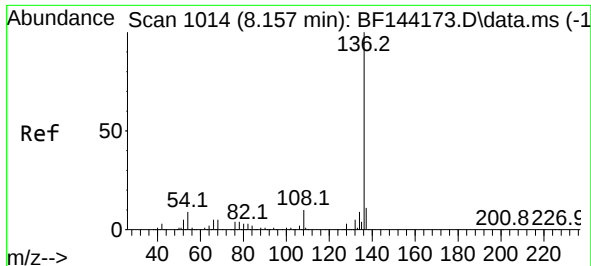


#20
3+4-Methylphenols
Concen: 41.954 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51



Tgt Ion:107 Resp: 118122
Ion Ratio Lower Upper
107 100
108 90.6 70.2 110.2
77 150.4 123.9 163.9
79 32.6 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: BF144232.D
Acq: 12 Nov 2025 16:51

Instrument :

BNA_F

ClientSampleId :

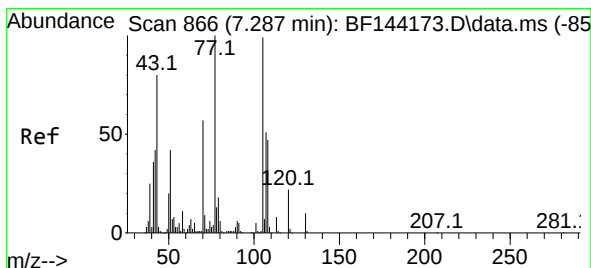
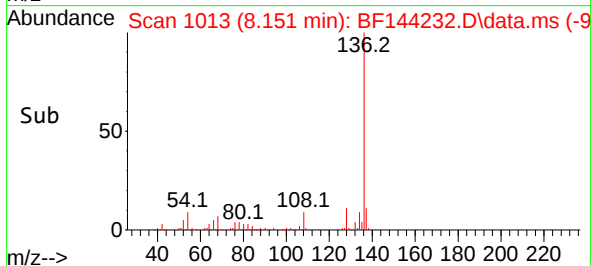
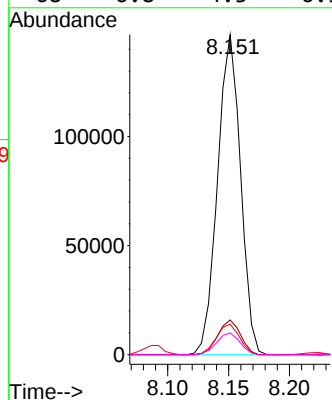
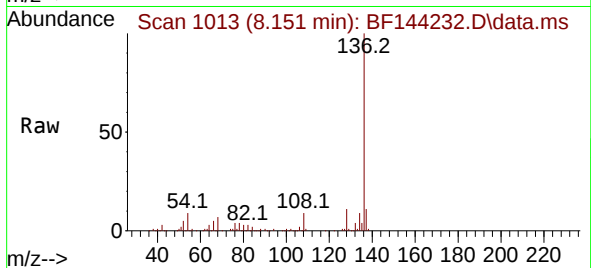
PB170323BS

Tgt Ion:136 Resp: 192789
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.5 7.0 10.6
68 6.8 4.3 6.5#

Manual Integrations

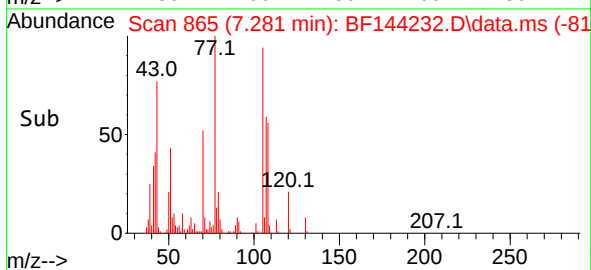
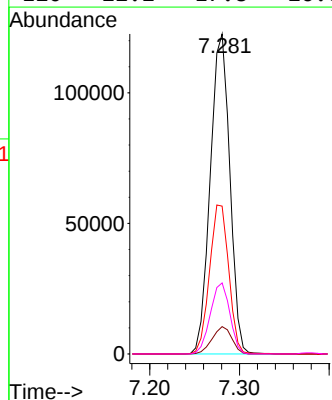
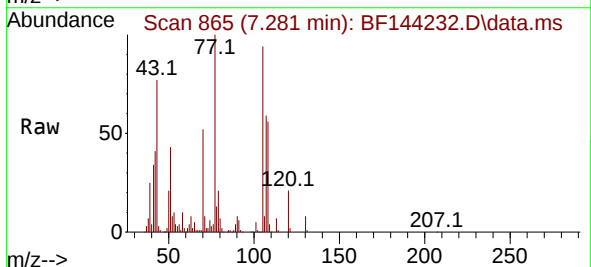
APPROVED

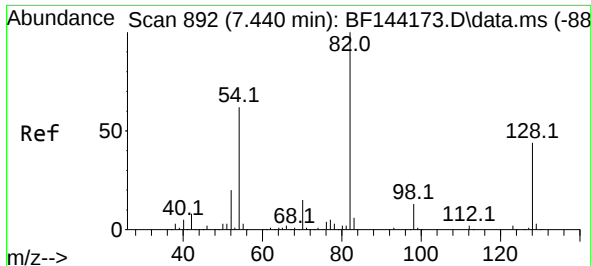
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#22
Acetophenone
Concen: 44.792 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Tgt Ion:105 Resp: 185250
Ion Ratio Lower Upper
105 100
71 8.5 7.2 10.8
51 46.2 34.0 51.0
120 22.2 17.8 26.6





#23

Nitrobenzene-d5

Concen: 79.845 ng

RT: 7.434 min Scan# 891

Delta R.T. -0.000 min

Lab File: BF144232.D

Acq: 12 Nov 2025 16:51

Instrument :

BNA_F

ClientSampleId :

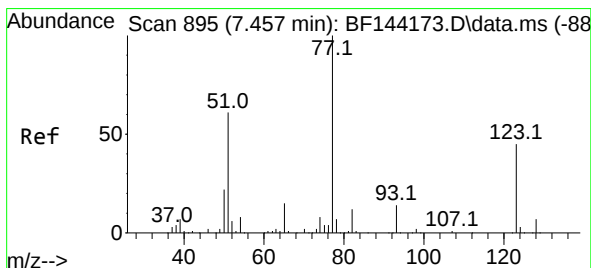
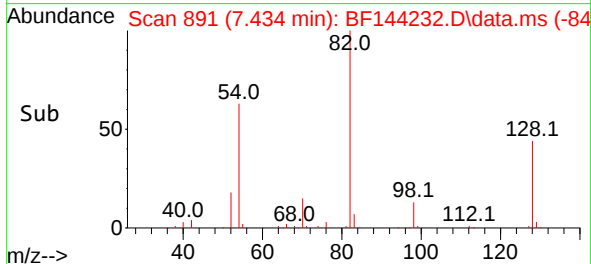
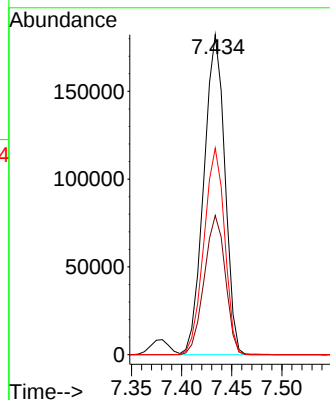
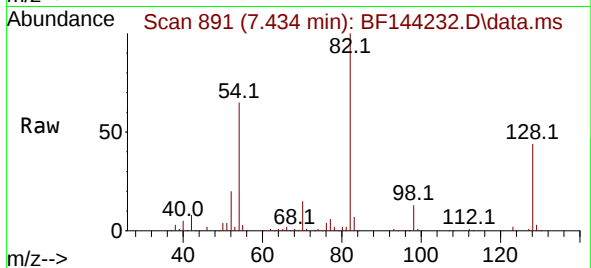
PB170323BS

Tgt Ion: 82 Resp: 266528
 Ion Ratio Lower Upper
 82 100
 128 43.5 34.7 52.1
 54 64.5 49.5 74.3

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 43.309 ng

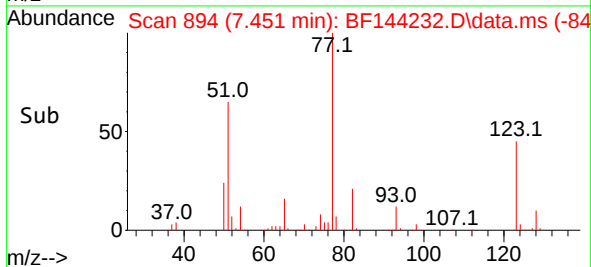
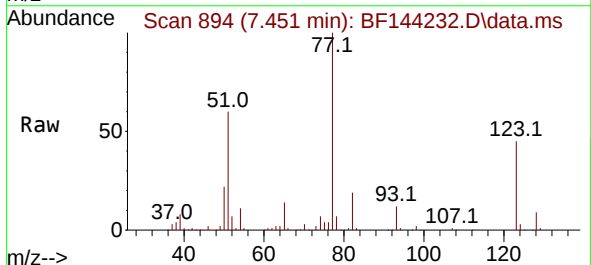
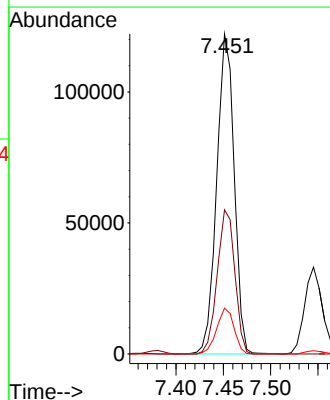
RT: 7.451 min Scan# 894

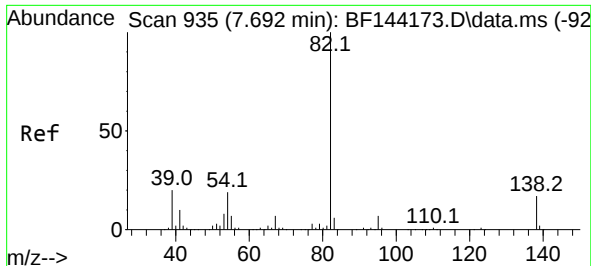
Delta R.T. -0.000 min

Lab File: BF144232.D

Acq: 12 Nov 2025 16:51

Tgt Ion: 77 Resp: 156966
 Ion Ratio Lower Upper
 77 100
 123 45.1 35.8 53.8
 65 14.3 12.2 18.2





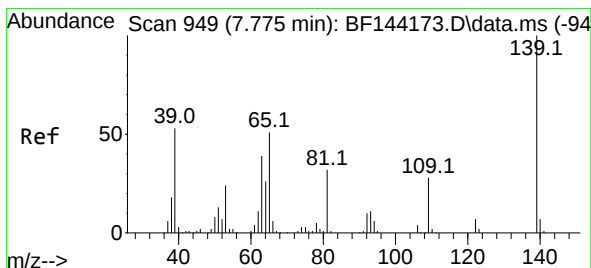
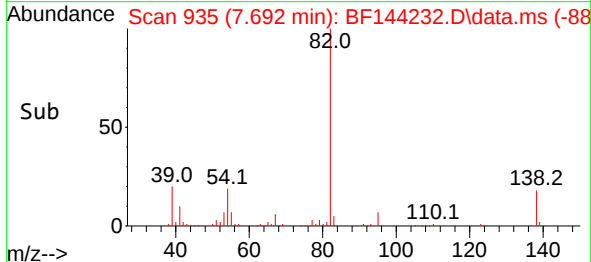
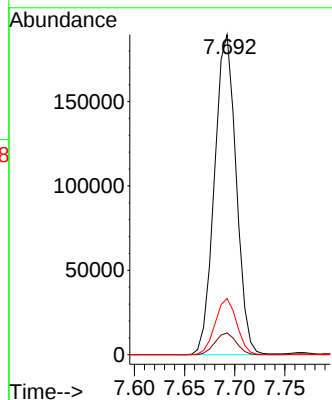
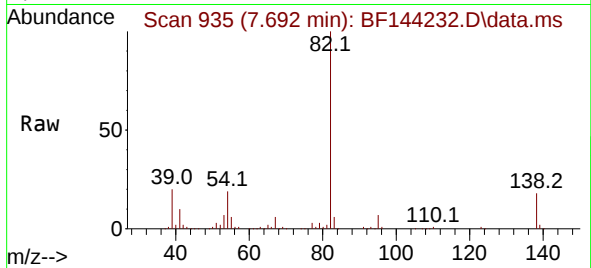
#25
Isophorone
Concen: 45.249 ng
RT: 7.692 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Instrument :
BNA_F
ClientSampleId :
PB170323BS

Tgt Ion: 82 Resp: 28569
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.6 13.7 20.5

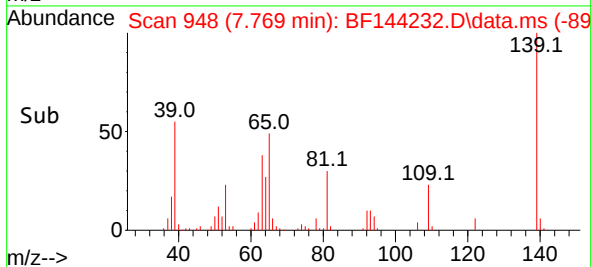
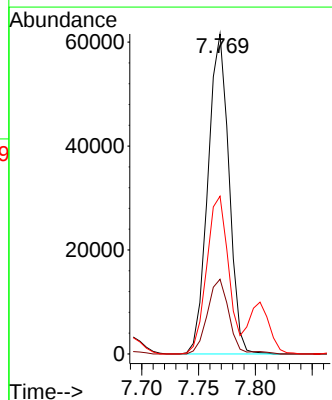
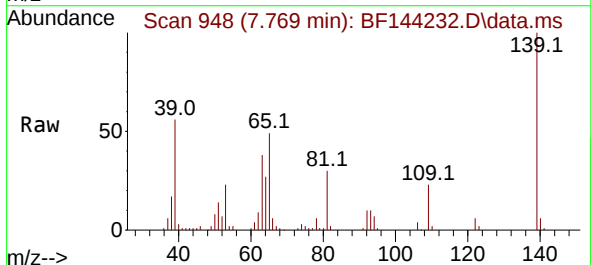
Manual Integrations
APPROVED

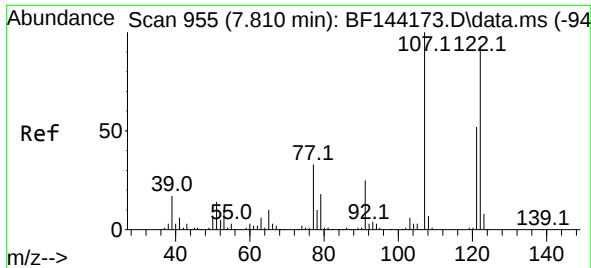
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#26
2-Nitrophenol
Concen: 44.060 ng
RT: 7.769 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Tgt Ion:139 Resp: 79049
Ion Ratio Lower Upper
139 100
109 23.4 22.2 33.2
65 49.3 40.7 61.1





#27
2,4-Dimethylphenol
Concen: 48.073 ng
RT: 7.804 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Instrument :

BNA_F

ClientSampleId :

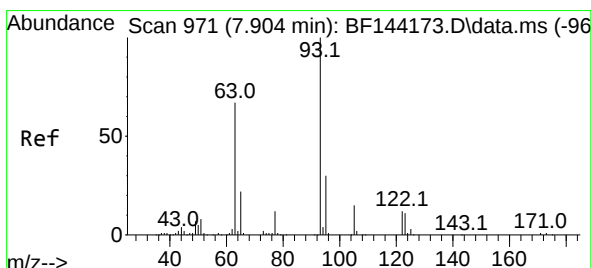
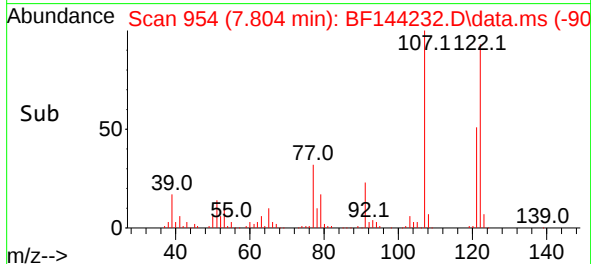
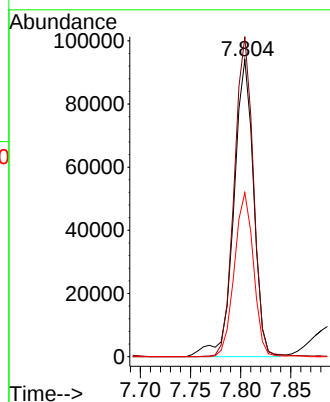
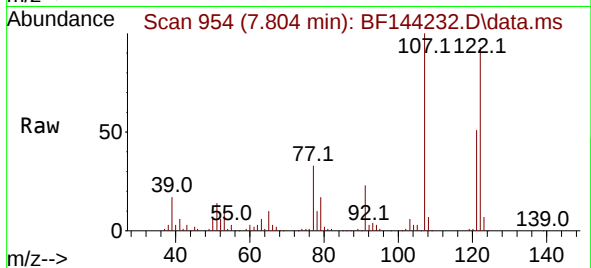
PB170323BS

Tgt Ion:122 Resp: 129272
Ion Ratio Lower Upper
122 100
107 107.7 86.2 129.4
121 55.2 44.6 66.8

Manual Integrations

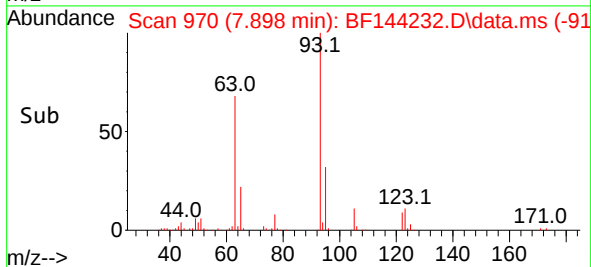
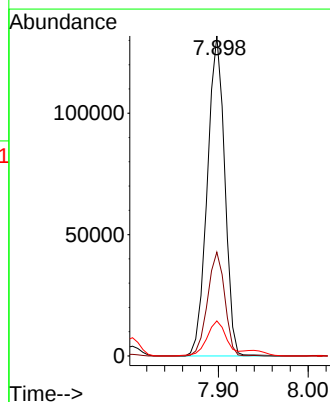
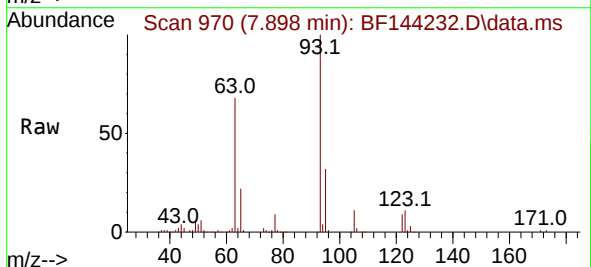
APPROVED

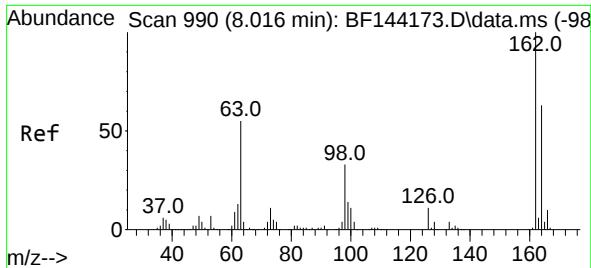
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#28
bis(2-Chloroethoxy)methane
Concen: 45.037 ng
RT: 7.898 min Scan# 970
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Tgt Ion: 93 Resp: 177575
Ion Ratio Lower Upper
93 100
95 32.5 24.2 36.4
123 11.0 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 40.737 ng

RT: 8.010 min Scan# 990

Delta R.T. -0.006 min

Lab File: BF144232.D

Acq: 12 Nov 2025 16:51

Instrument :

BNA_F

ClientSampleId :

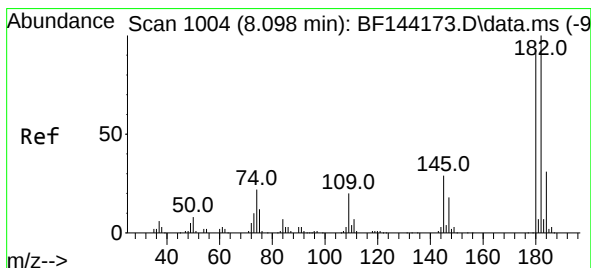
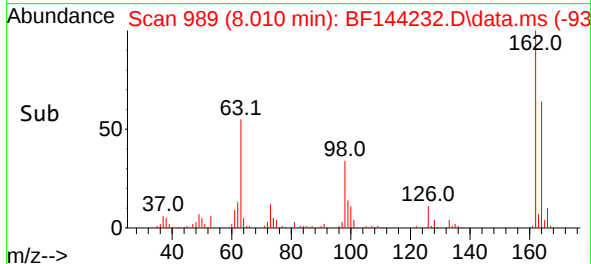
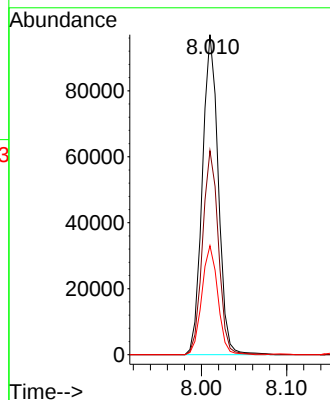
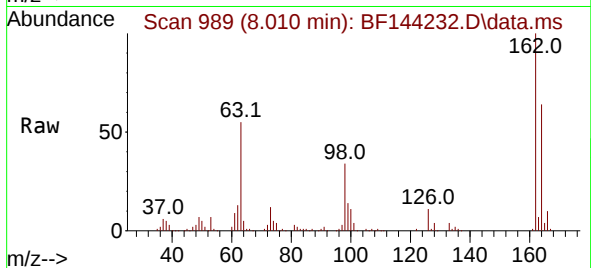
PB170323BS

Tgt Ion:162	Resp:	126258
Ion Ratio	Lower	Upper
162	100	
164	63.8	42.9 82.9
98	34.1	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: 42.000 ng

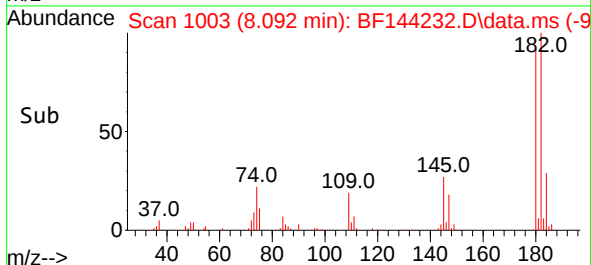
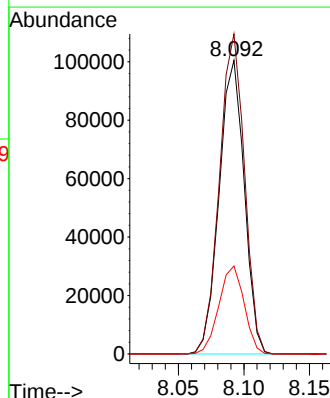
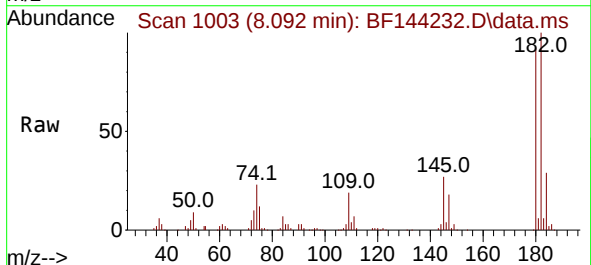
RT: 8.092 min Scan# 1003

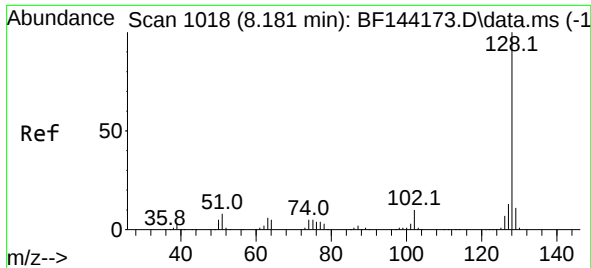
Delta R.T. -0.006 min

Lab File: BF144232.D

Acq: 12 Nov 2025 16:51

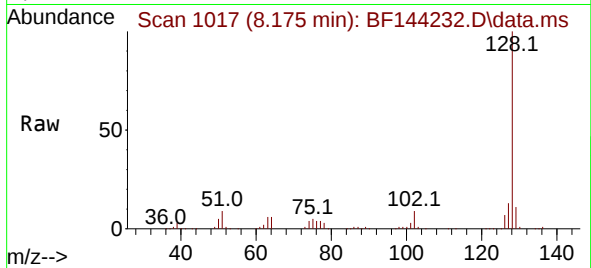
Tgt Ion:180	Resp:	133667
Ion Ratio	Lower	Upper
180	100	
182	109.0	87.7 131.5
145	30.0	25.4 38.0





#31
Naphthalene
Concen: 40.968 ng
RT: 8.175 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

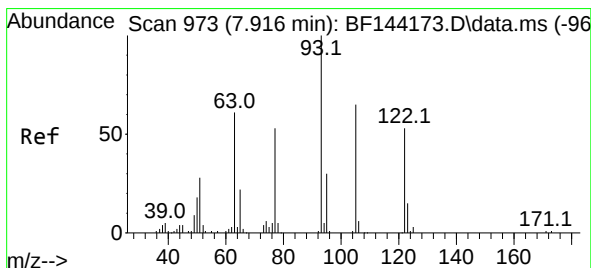
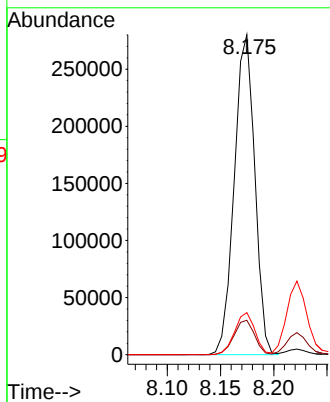
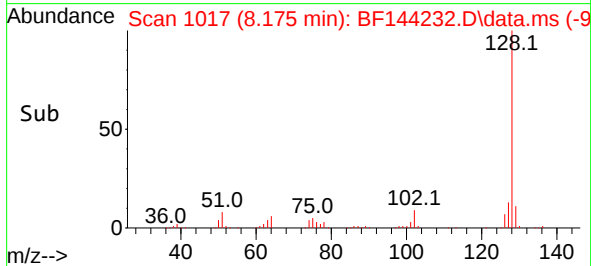
Instrument :
BNA_F
ClientSampleId :
PB170323BS



Tgt Ion:128 Resp: 37570
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.1 10.3 15.5

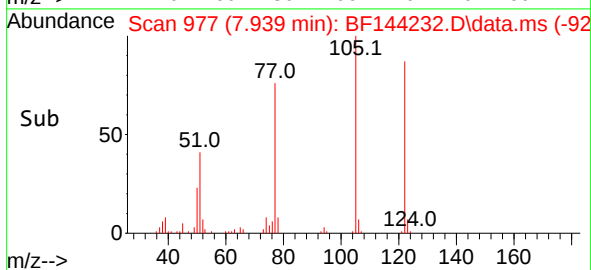
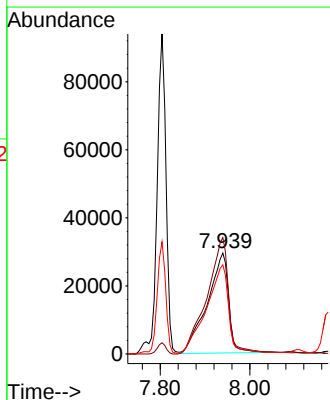
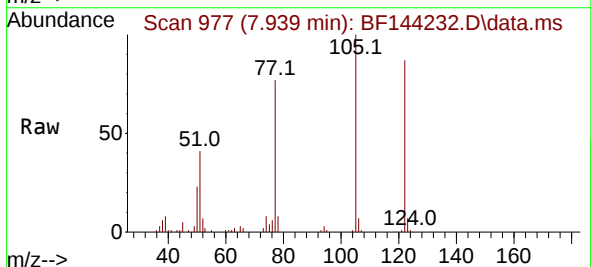
Manual Integrations
APPROVED

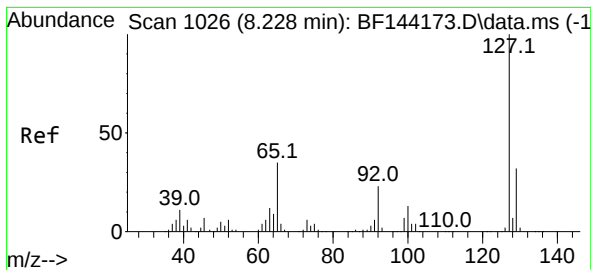
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#32
Benzoic acid
Concen: 49.485 ng
RT: 7.939 min Scan# 977
Delta R.T. -0.012 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Tgt Ion:122 Resp: 97541
Ion Ratio Lower Upper
122 100
105 115.2 99.9 139.9
77 88.3 77.5 117.5





#33
4-Chloroaniline
Concen: 26.345 ng
RT: 8.222 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Instrument :

BNA_F

ClientSampleId :

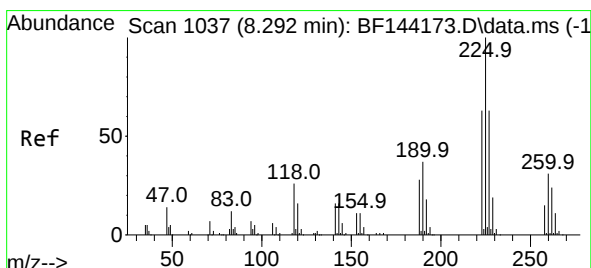
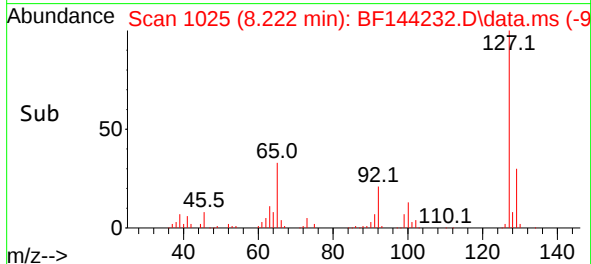
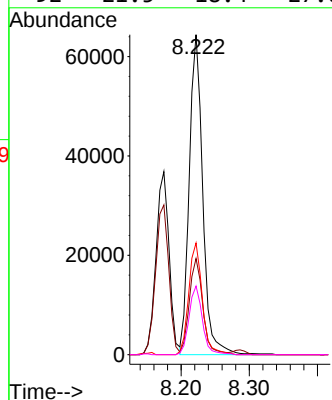
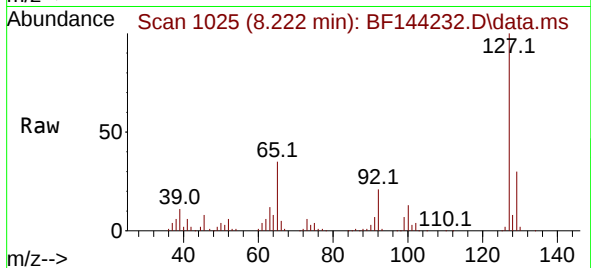
PB170323BS

Tgt Ion:127 Resp: 88110
Ion Ratio Lower Upper
127 100
129 30.0 25.3 37.9
65 34.9 27.6 41.4
92 21.5 18.4 27.6

Manual Integrations

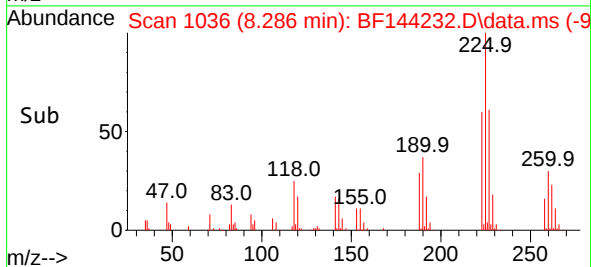
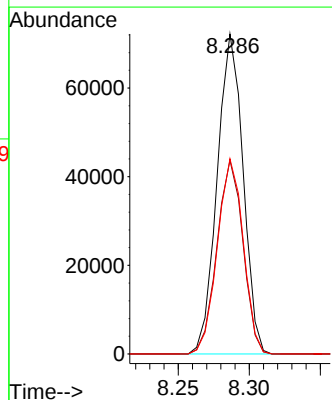
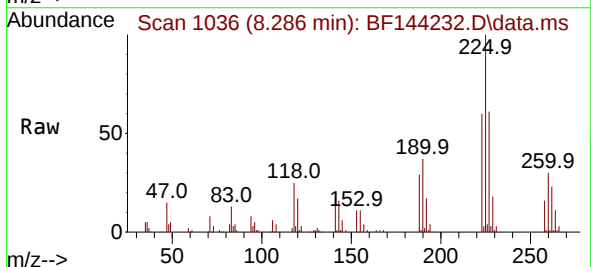
APPROVED

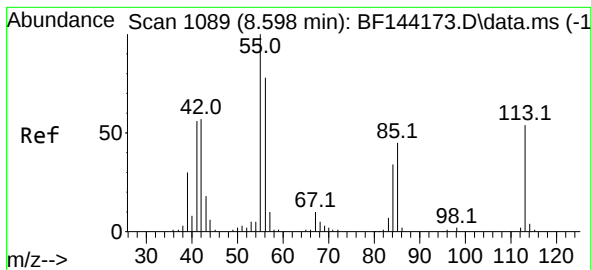
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#34
Hexachlorobutadiene
Concen: 38.186 ng
RT: 8.286 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

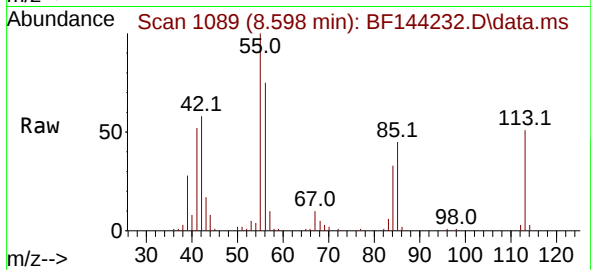
Tgt Ion:225 Resp: 91590
Ion Ratio Lower Upper
225 100
223 60.5 50.2 75.4
227 61.0 50.1 75.1





#35
Caprolactam
Concen: 51.663 ng m
RT: 8.598 min Scan# 1107
Delta R.T. -0.024 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

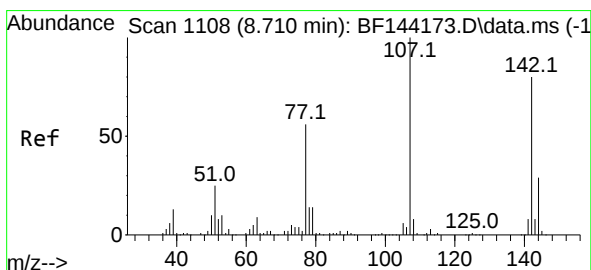
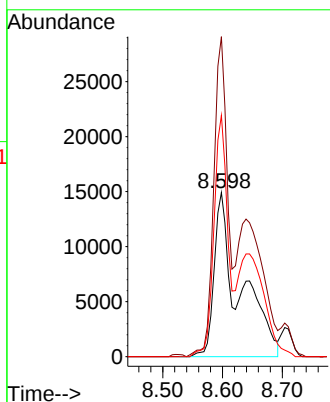
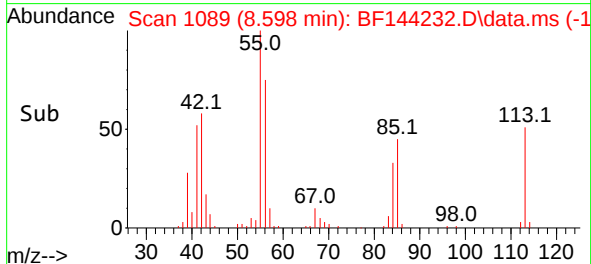
Instrument :
BNA_F
ClientSampleId :
PB170323BS



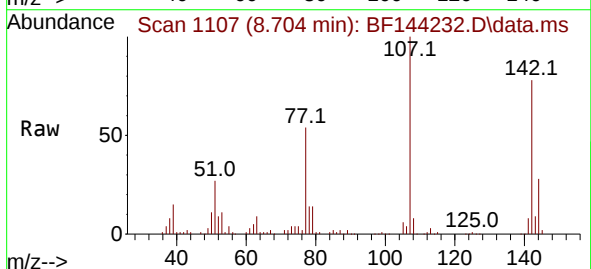
Tgt Ion:113 Resp: 4386
Ion Ratio Lower Upper
113 100
55 195.0 166.8 206.8
56 147.0 125.9 165.9

Manual Integrations
APPROVED

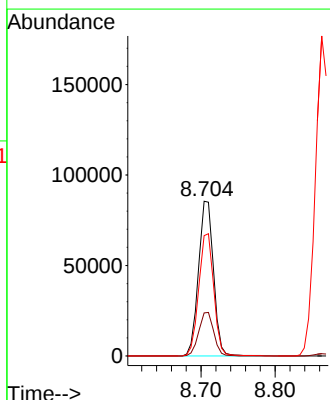
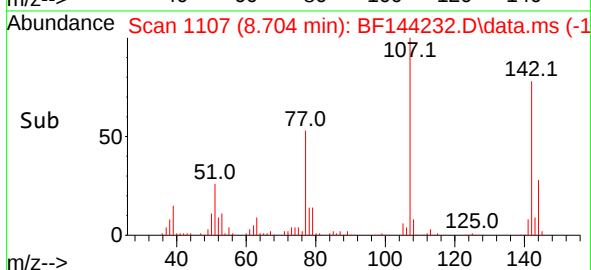
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

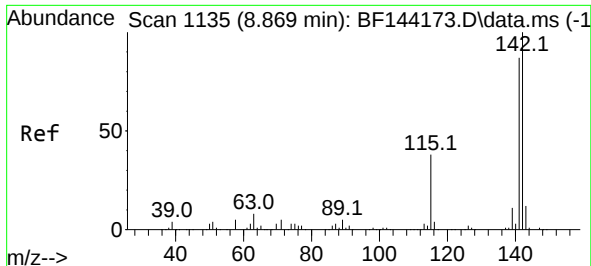


#36
4-Chloro-3-methylphenol
Concen: 43.524 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51



Tgt Ion:107 Resp: 120896
Ion Ratio Lower Upper
107 100
144 27.8 23.3 34.9
142 77.7 63.8 95.6





#37
2-Methylnaphthalene
Concen: 38.131 ng
RT: 8.863 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Instrument :

BNA_F

ClientSampleId :

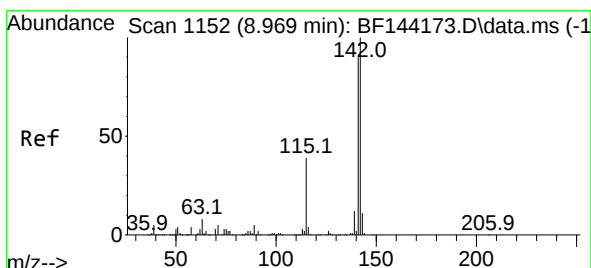
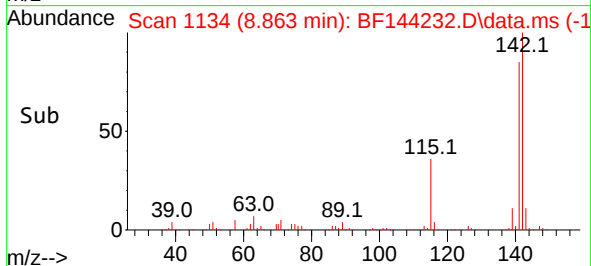
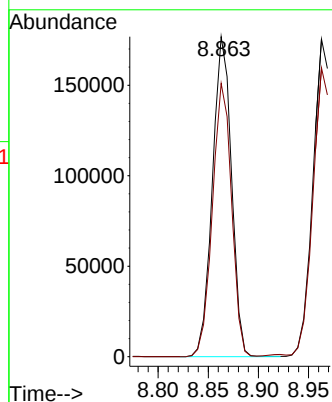
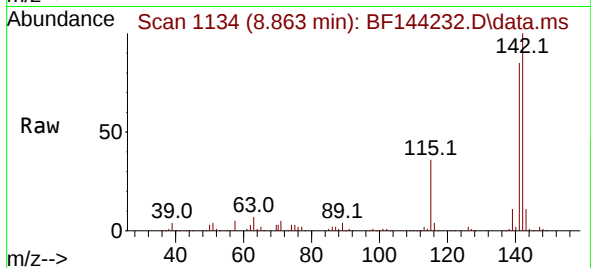
PB170323BS

Tgt Ion:142 Resp: 233804
Ion Ratio Lower Upper
142 100
141 85.4 69.9 104.9

Manual Integrations

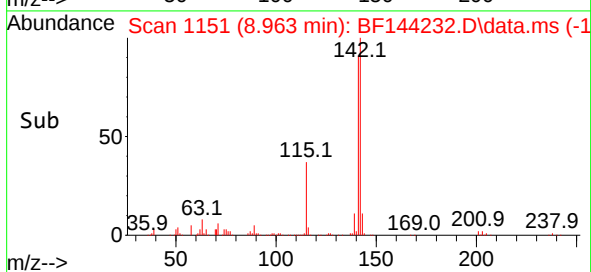
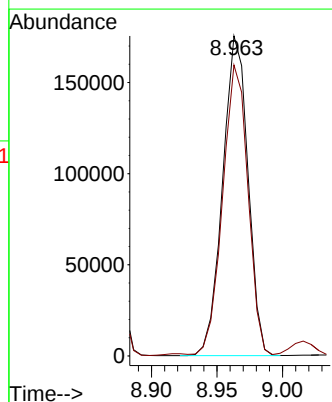
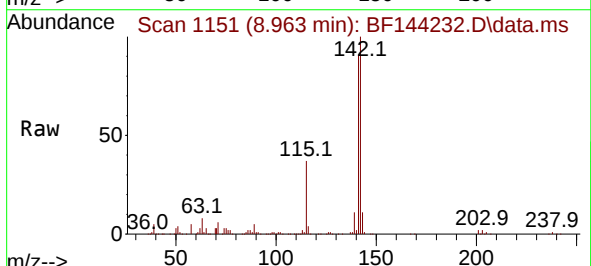
APPROVED

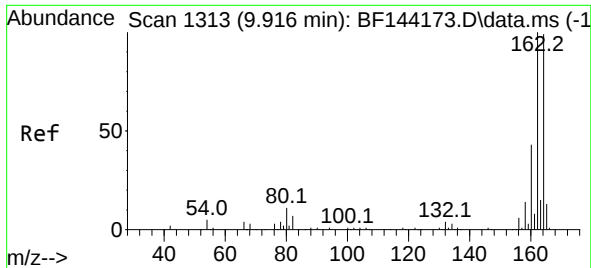
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#38
1-Methylnaphthalene
Concen: 39.782 ng
RT: 8.963 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

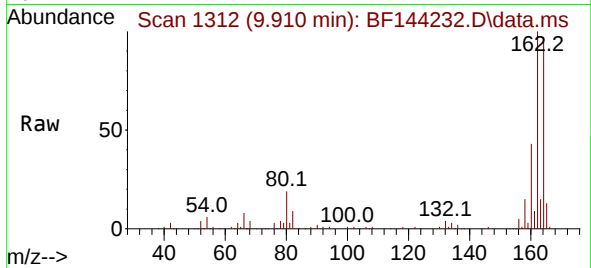
Tgt Ion:142 Resp: 235362
Ion Ratio Lower Upper
142 100
141 90.9 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

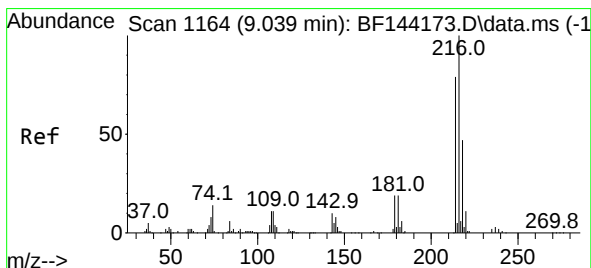
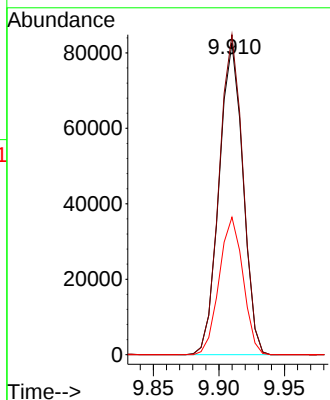
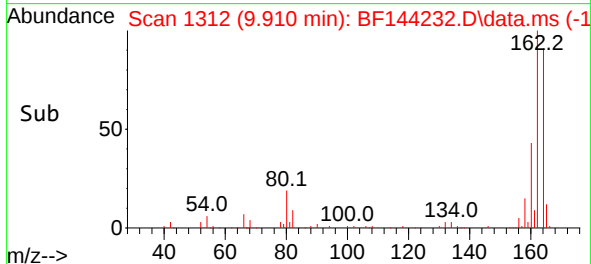
Instrument :
BNA_F
ClientSampleId :
PB170323BS



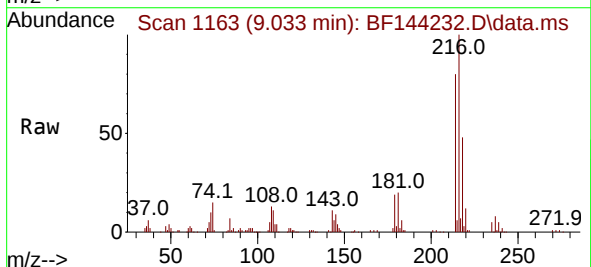
Tgt Ion:164 Resp: 104300
Ion Ratio Lower Upper
164 100
162 102.7 81.1 121.7
160 44.1 34.5 51.7

Manual Integrations
APPROVED

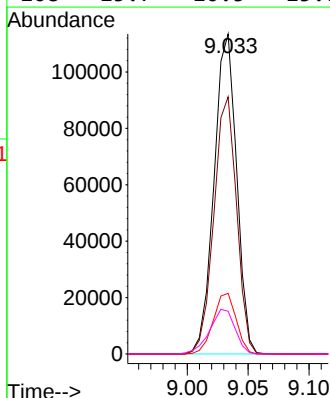
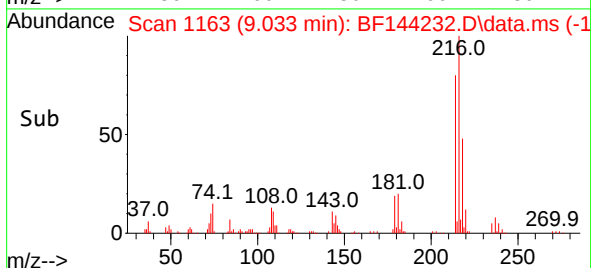
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

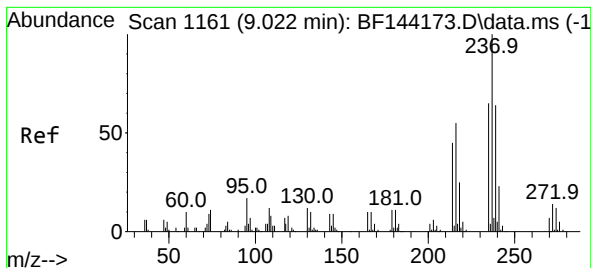


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.841 ng
RT: 9.033 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51



Tgt Ion:216 Resp: 146442
Ion Ratio Lower Upper
216 100
214 80.7 63.4 95.2
179 19.3 15.0 22.4
108 15.7 10.5 15.7





#41

Hexachlorocyclopentadiene

Concen: 79.395 ng

RT: 9.016 min Scan# 1160

Delta R.T. -0.012 min

Lab File: BF144232.D

Acq: 12 Nov 2025 16:51

Instrument :

BNA_F

ClientSampleId :

PB170323BS

Tgt Ion:237 Resp: 10568

Ion Ratio Lower Upper

237 100

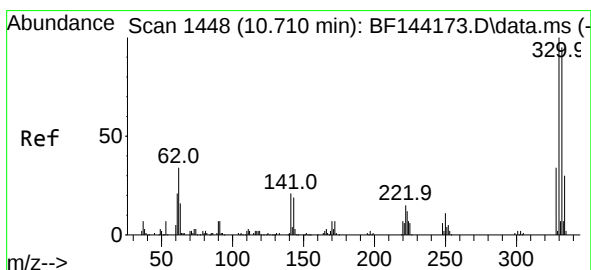
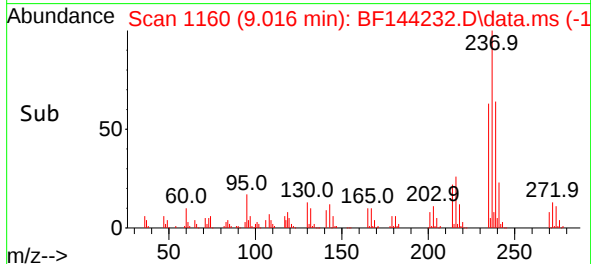
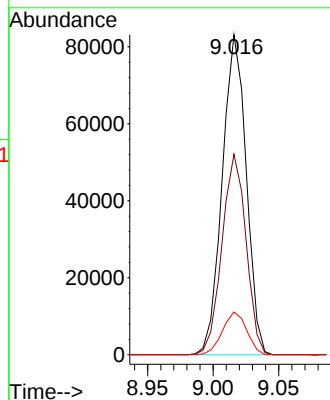
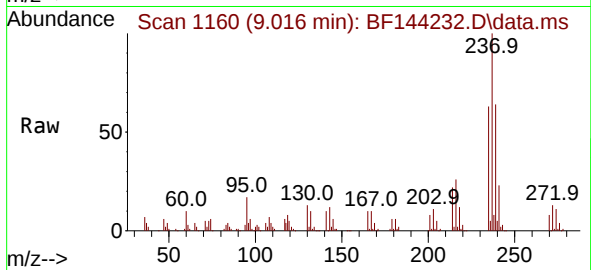
235 62.6 45.5 85.5

272 13.3 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: 112.968 ng

RT: 10.704 min Scan# 1447

Delta R.T. -0.000 min

Lab File: BF144232.D

Acq: 12 Nov 2025 16:51

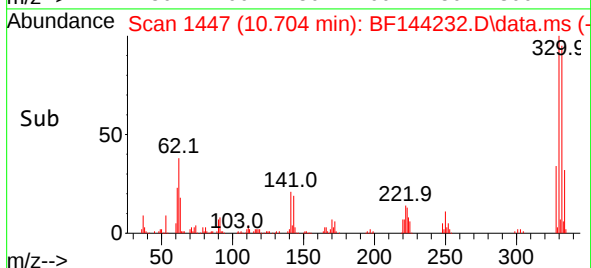
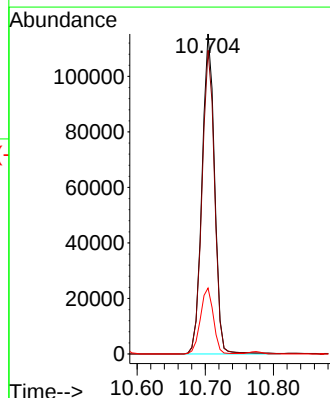
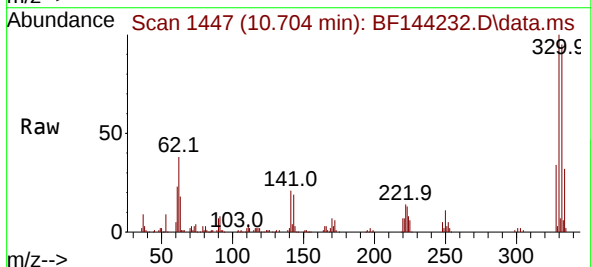
Tgt Ion:330 Resp: 147857

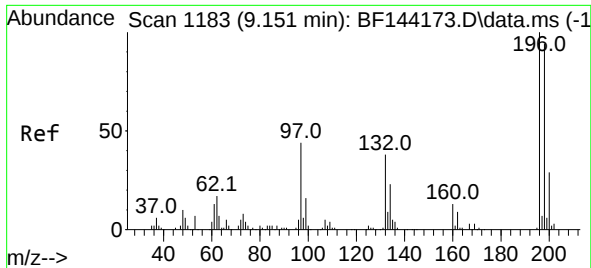
Ion Ratio Lower Upper

330 100

332 95.4 76.7 115.1

141 21.3 17.8 26.8





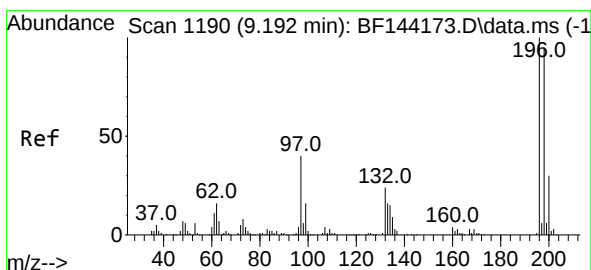
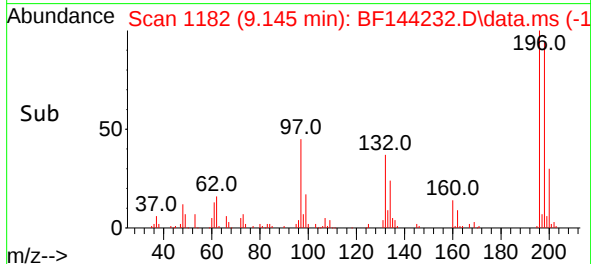
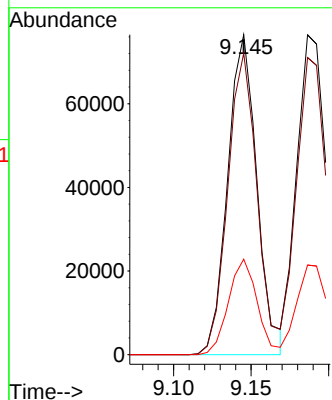
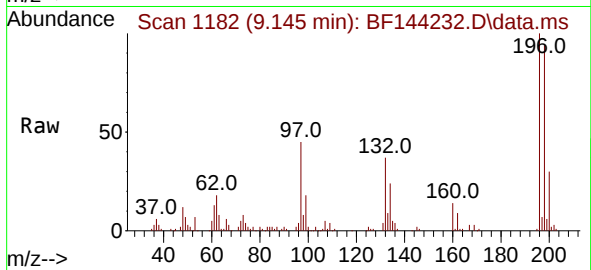
#43
2,4,6-Trichlorophenol
Concen: 43.114 ng
RT: 9.145 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Instrument :
BNA_F
ClientSampleId :
PB170323BS

Tgt Ion:196 Resp: 100309
Ion Ratio Lower Upper
196 100
198 94.2 75.3 112.9
200 29.9 23.4 35.2

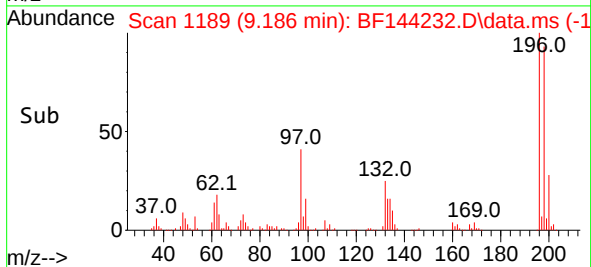
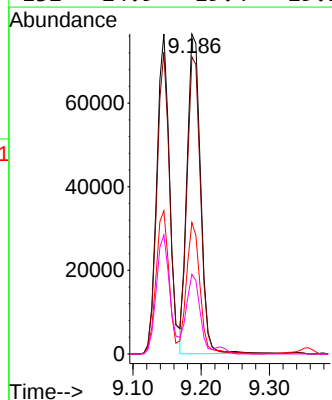
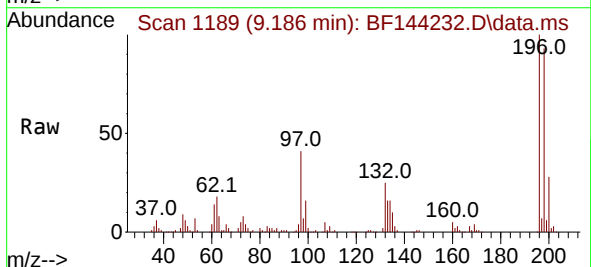
Manual Integrations
APPROVED

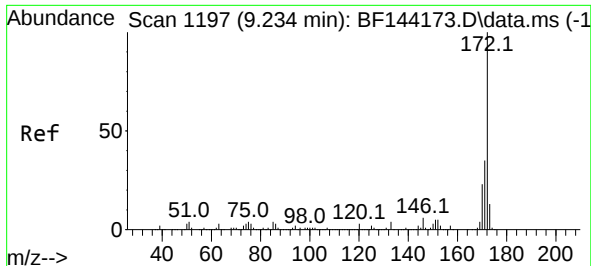
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#44
2,4,5-Trichlorophenol
Concen: 41.809 ng
RT: 9.186 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

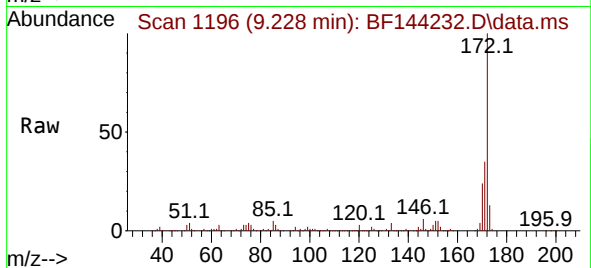
Tgt Ion:196 Resp: 104835
Ion Ratio Lower Upper
196 100
198 92.9 76.1 114.1
97 41.1 31.9 47.9
132 24.9 19.4 29.2





#45
2-Fluorobiphenyl
Concen: 75.528 ng
RT: 9.228 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

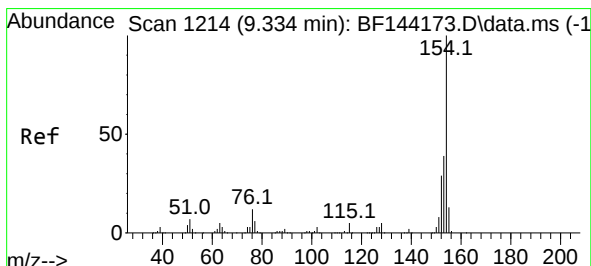
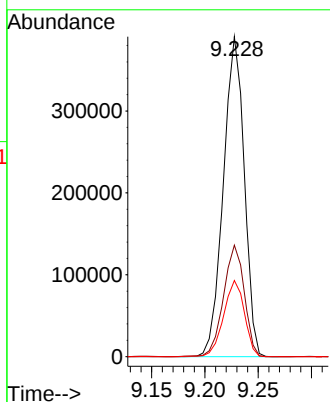
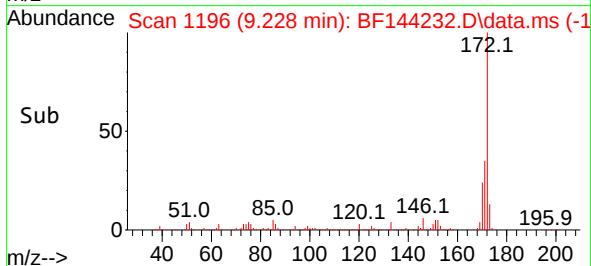
Instrument :
BNA_F
ClientSampleId :
PB170323BS



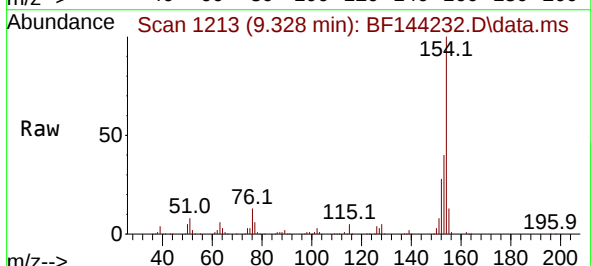
Tgt Ion:172 Resp: 533374
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.8 18.6 28.0

Manual Integrations
APPROVED

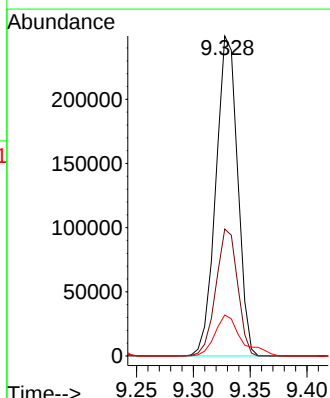
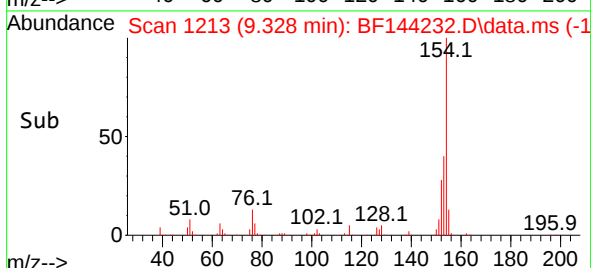
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

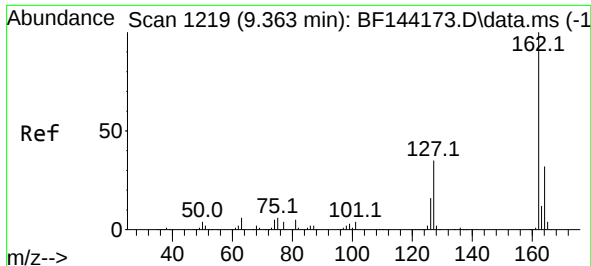


#46
1,1'-Biphenyl
Concen: 45.668 ng
RT: 9.328 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51



Tgt Ion:154 Resp: 332486
Ion Ratio Lower Upper
154 100
153 39.7 19.2 59.2
76 12.8 0.0 31.8





#47
2-Chloronaphthalene
Concen: 41.977 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Instrument :

BNA_F

ClientSampleId :

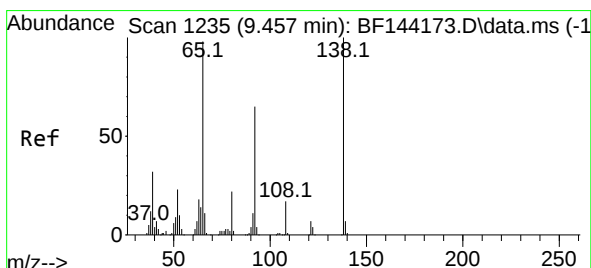
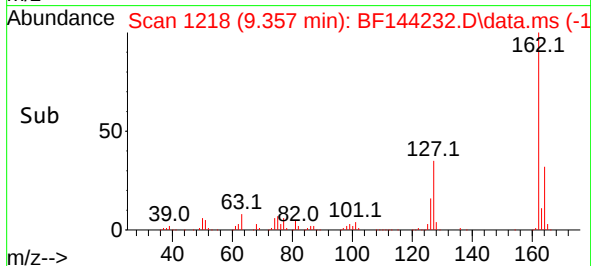
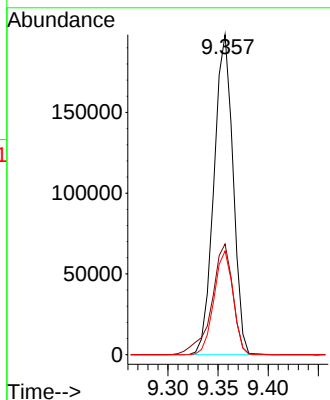
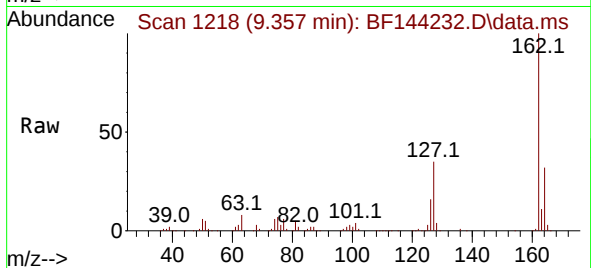
PB170323BS

Tgt Ion:162 Resp: 260690
Ion Ratio Lower Upper
162 100
127 34.6 28.8 43.2
164 32.4 25.8 38.8

Manual Integrations

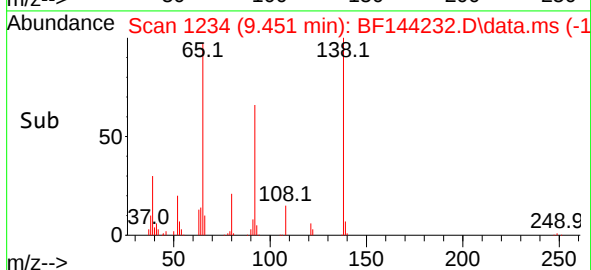
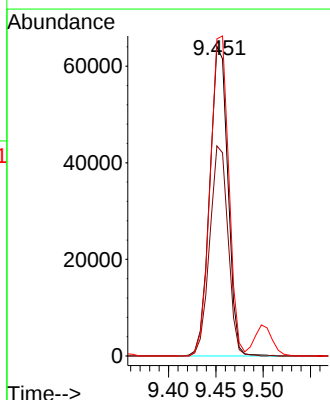
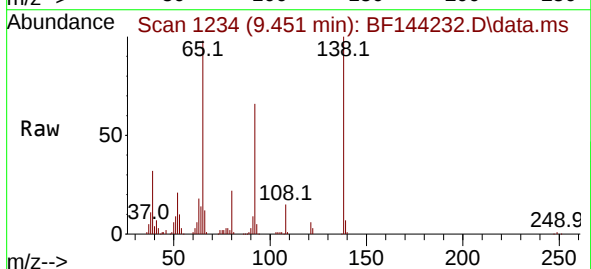
APPROVED

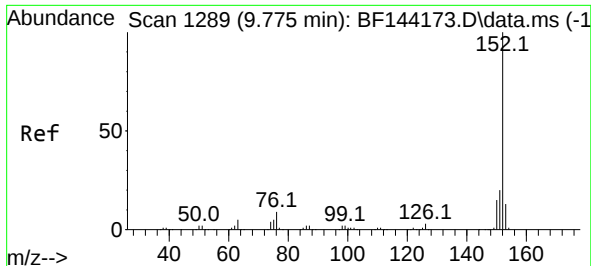
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#48
2-Nitroaniline
Concen: 47.692 ng
RT: 9.451 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Tgt Ion: 65 Resp: 85459
Ion Ratio Lower Upper
65 100
92 67.9 53.0 79.6
138 102.5 81.6 122.4





#49
Acenaphthylene
Concen: 46.978 ng
RT: 9.775 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Instrument :

BNA_F

ClientSampleId :

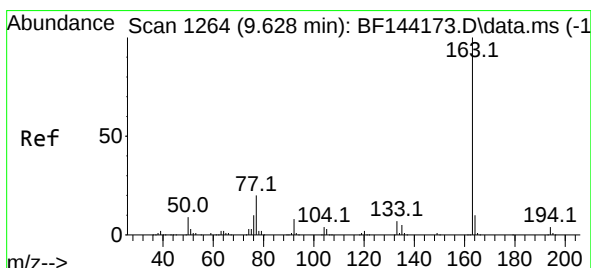
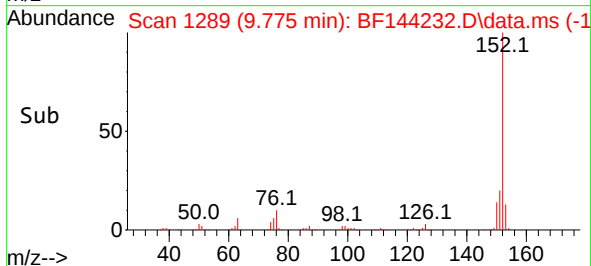
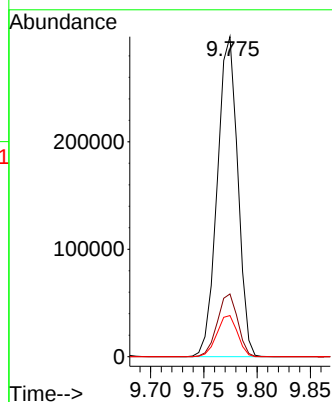
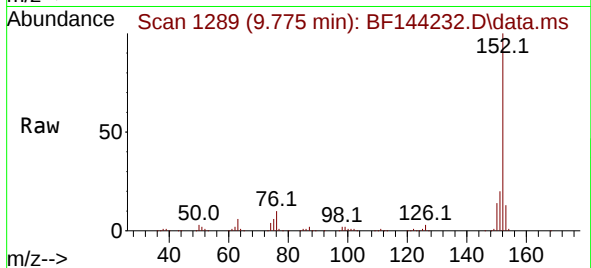
PB170323BS

Tgt Ion:152 Resp: 397570
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 12.8 10.5 15.7

Manual Integrations

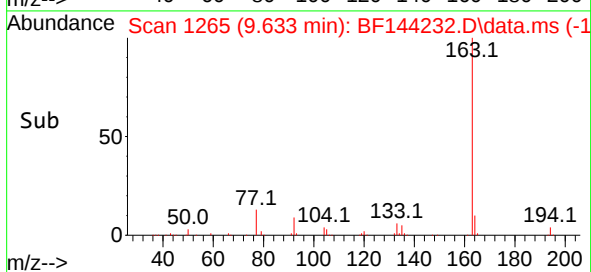
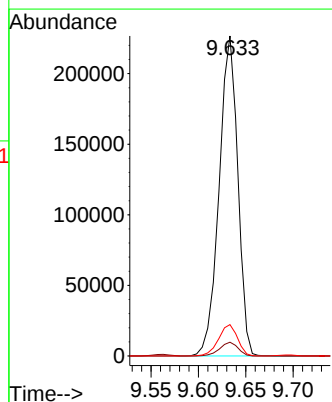
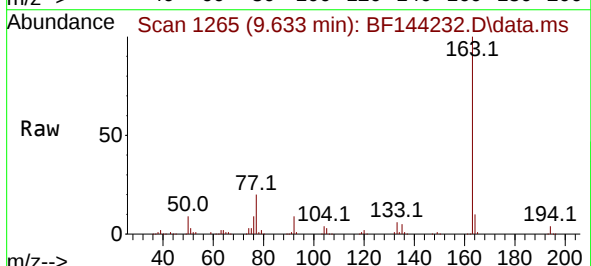
APPROVED

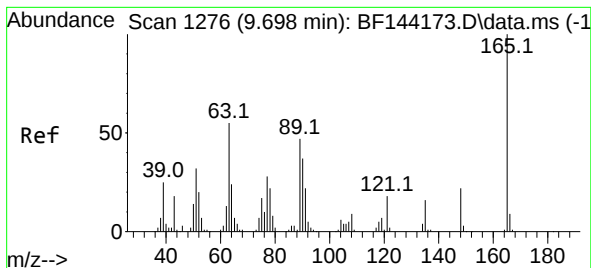
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#50
Dimethylphthalate
Concen: 45.108 ng
RT: 9.633 min Scan# 1265
Delta R.T. 0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Tgt Ion:163 Resp: 311681
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 9.8 8.1 12.1





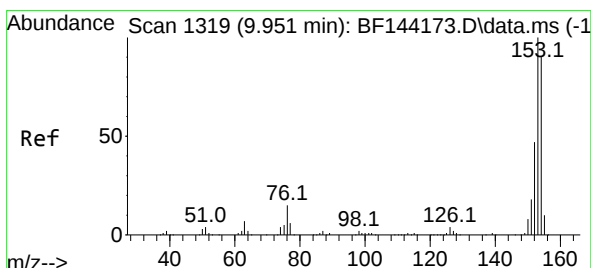
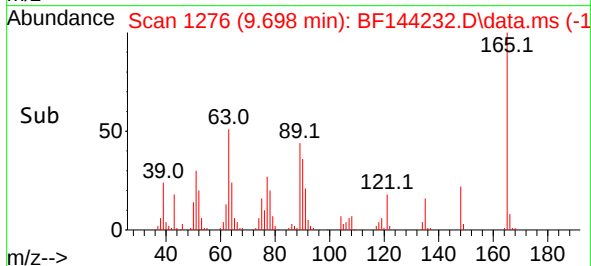
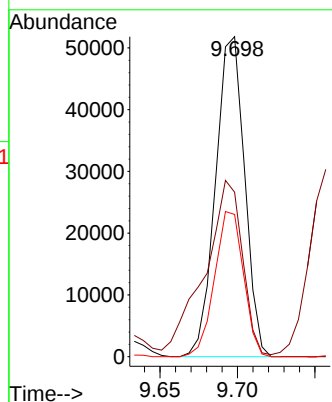
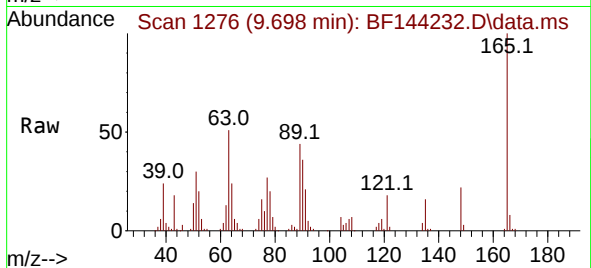
#51
2,6-Dinitrotoluene
Concen: 48.374 ng
RT: 9.698 min Scan# 1276
Delta R.T. 0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Instrument :
BNA_F
ClientSampleId :
PB170323BS

Tgt Ion:165 Resp: 6766
Ion Ratio Lower Upper
165 100
63 51.4 43.8 65.8
89 44.4 37.5 56.3

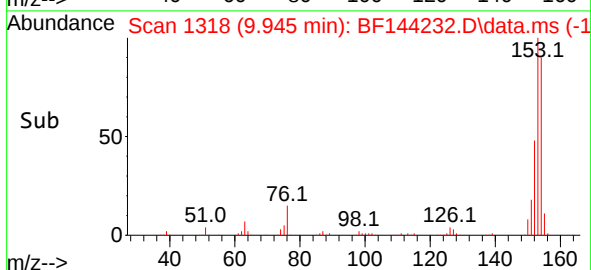
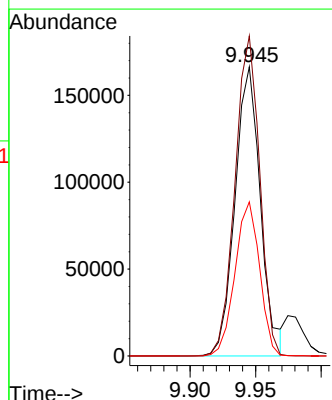
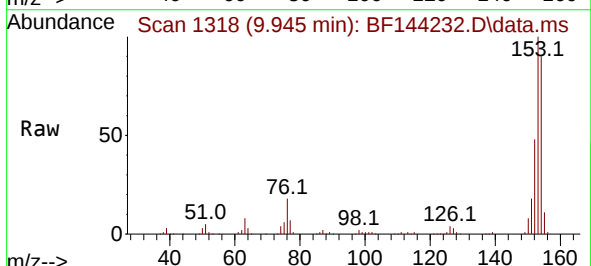
Manual Integrations
APPROVED

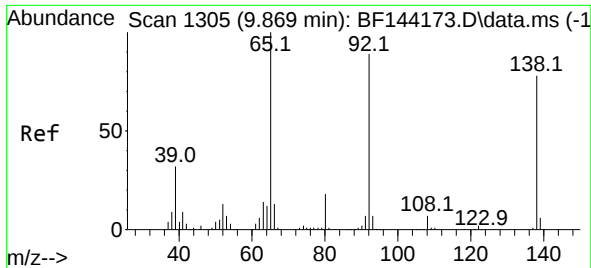
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#52
Acenaphthene
Concen: 39.758 ng
RT: 9.945 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Tgt Ion:154 Resp: 225001
Ion Ratio Lower Upper
154 100
153 110.6 89.0 133.4
152 53.3 42.2 63.4





#53
3-Nitroaniline
Concen: 35.804 ng
RT: 9.869 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Instrument :

BNA_F

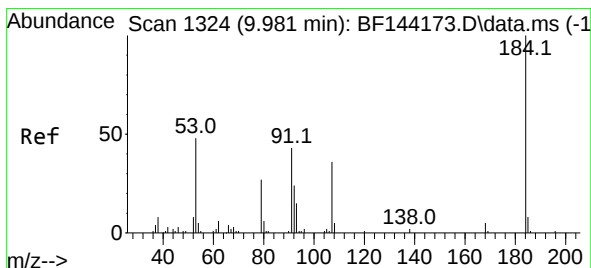
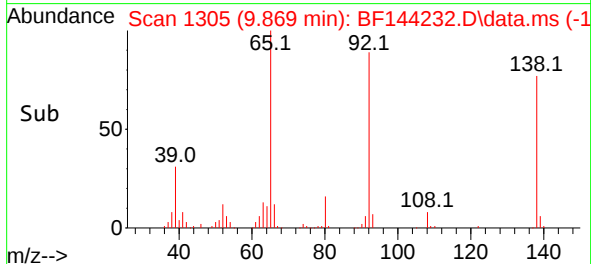
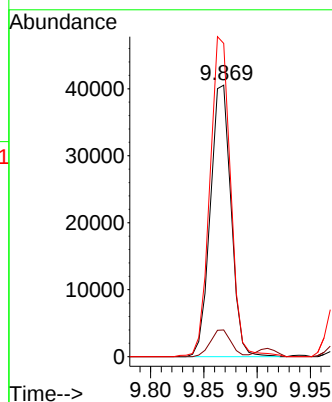
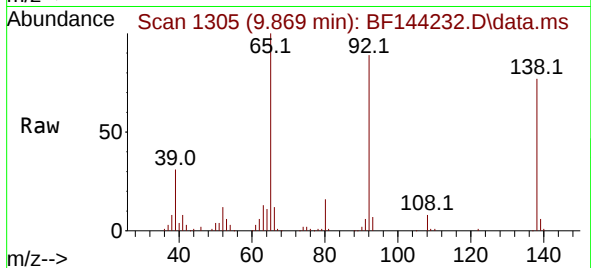
ClientSampleId :

PB170323BS

Tgt Ion:138 Resp: 54740
Ion Ratio Lower Upper
138 100
108 9.8 7.5 11.3
92 115.4 91.8 137.6

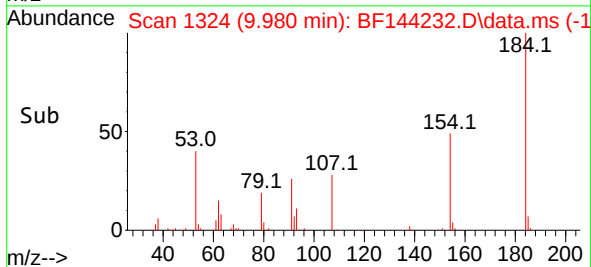
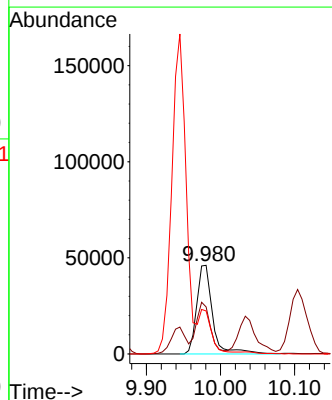
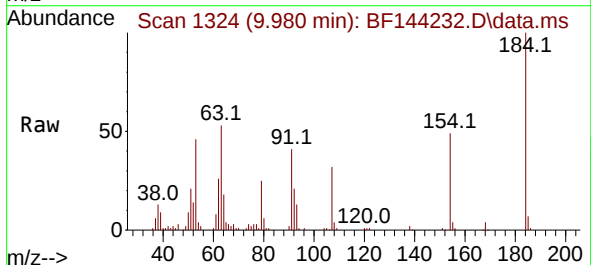
Manual Integrations
APPROVED

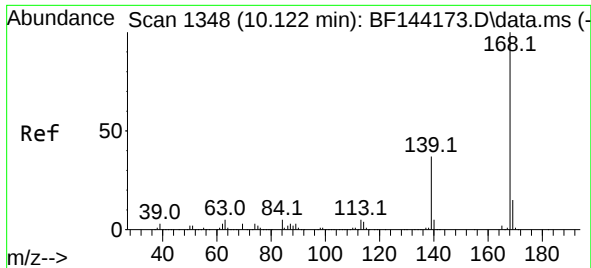
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#54
2,4-Dinitrophenol
Concen: 81.221 ng
RT: 9.980 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

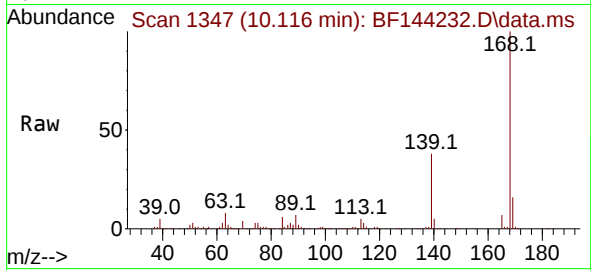
Tgt Ion:184 Resp: 68602
Ion Ratio Lower Upper
184 100
63 53.1 44.0 66.0
154 48.6 42.4 63.6





#55
Dibenzofuran
Concen: 40.990 ng
RT: 10.116 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

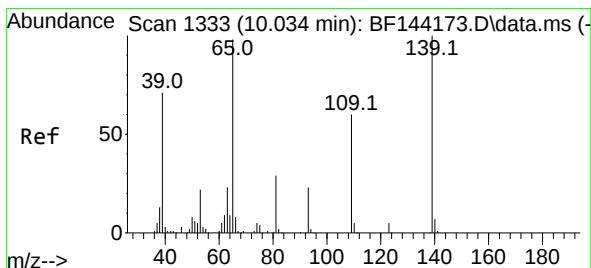
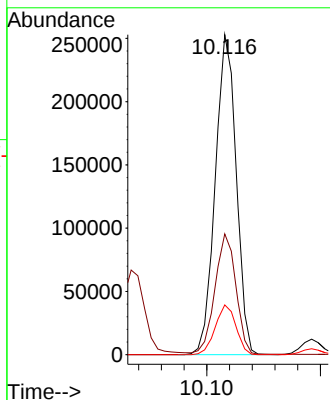
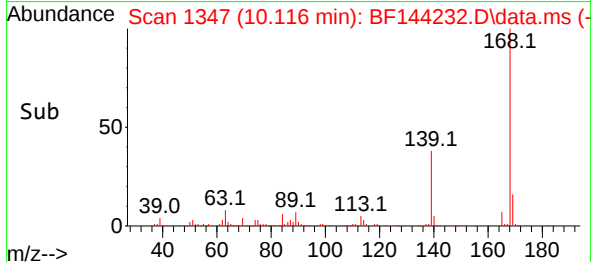
Instrument :
BNA_F
ClientSampleId :
PB170323BS



Tgt Ion:168 Resp: 324889
Ion Ratio Lower Upper
168 100
139 37.8 30.2 45.2
169 15.5 12.2 18.4

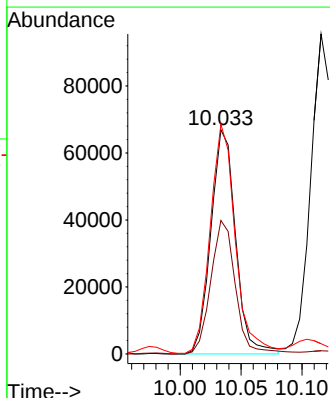
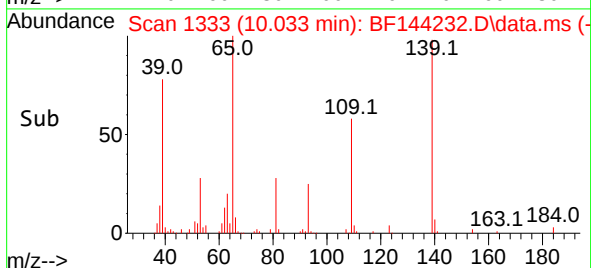
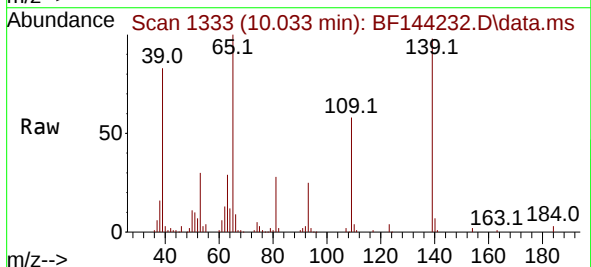
Manual Integrations
APPROVED

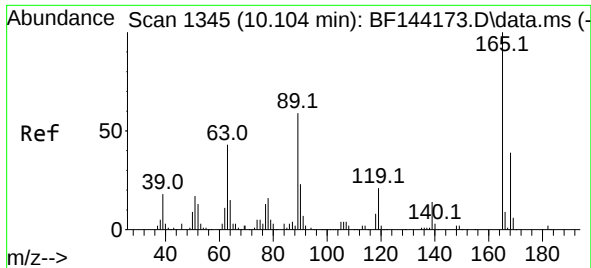
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#56
4-Nitrophenol
Concen: 85.516 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Tgt Ion:139 Resp: 94585
Ion Ratio Lower Upper
139 100
109 59.5 39.9 79.9
65 102.5 79.5 119.5





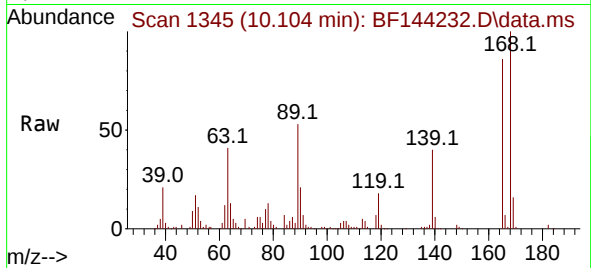
#57
2,4-Dinitrotoluene
Concen: 47.767 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Instrument :

BNA_F

ClientSampleId :

PB170323BS

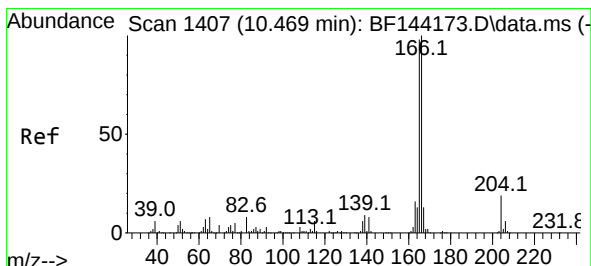
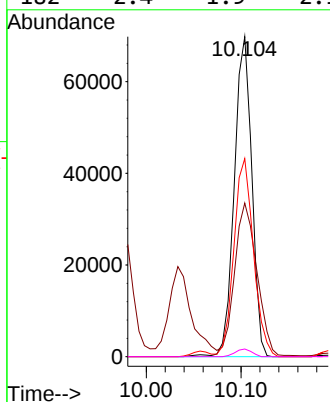
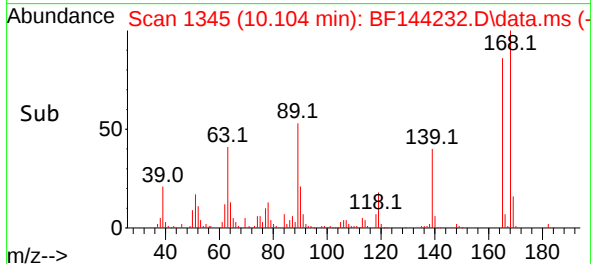


Tgt Ion:165 Resp: 8944
Ion Ratio Lower Upper
165 100
63 48.0 35.5 53.3
89 61.9 47.4 71.2
182 2.4 1.9 2.9

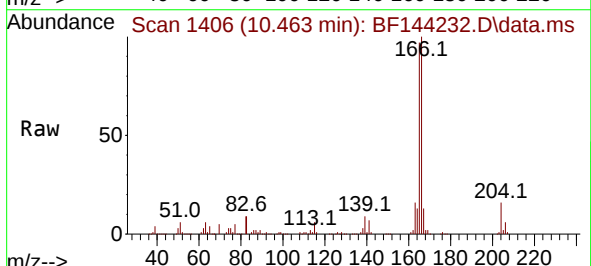
Manual Integrations

APPROVED

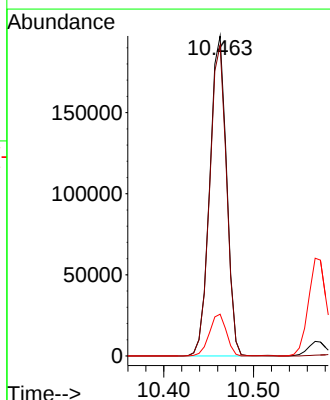
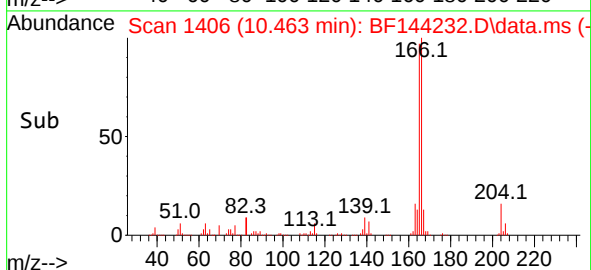
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

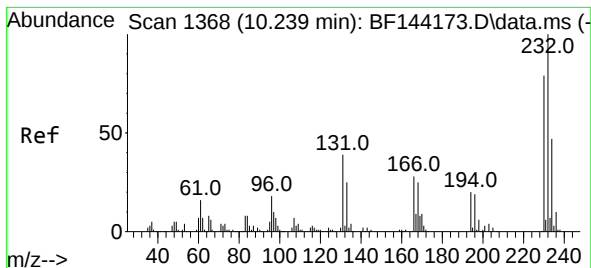


#58
Fluorene
Concen: 42.527 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51



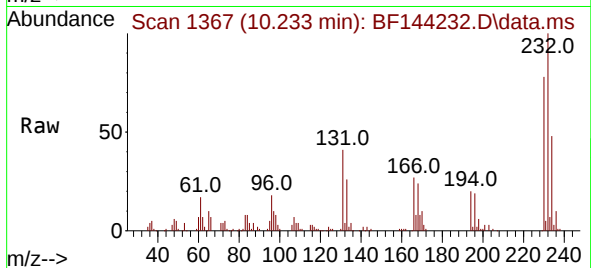
Tgt Ion:166 Resp: 256278
Ion Ratio Lower Upper
166 100
165 97.1 78.6 118.0
167 13.0 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.765 ng
RT: 10.233 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

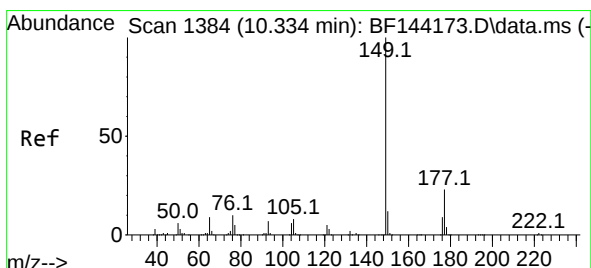
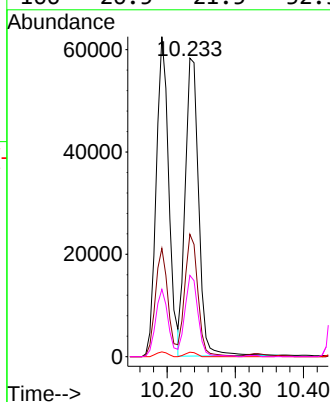
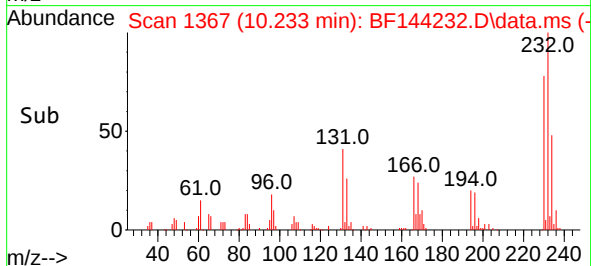
Instrument :
BNA_F
ClientSampleId :
PB170323BS



Tgt Ion:232 Resp: 79410
Ion Ratio Lower Upper
232 100
131 40.0 30.3 45.5
130 1.3 1.2 1.8
166 26.5 21.5 32.3

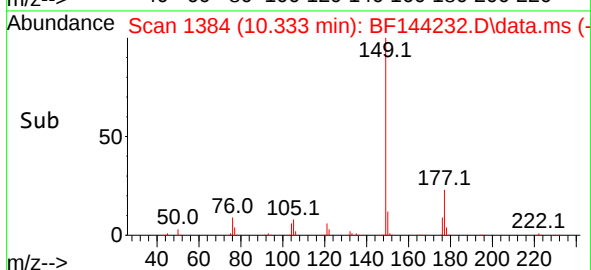
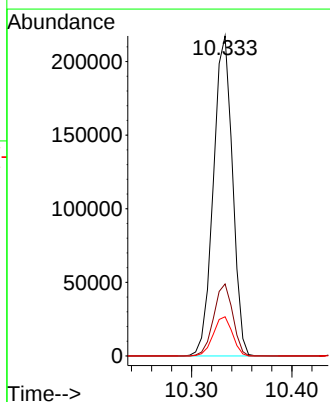
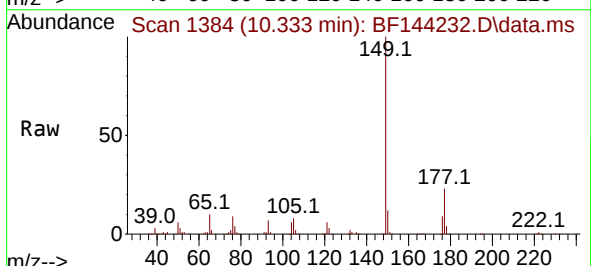
Manual Integrations
APPROVED

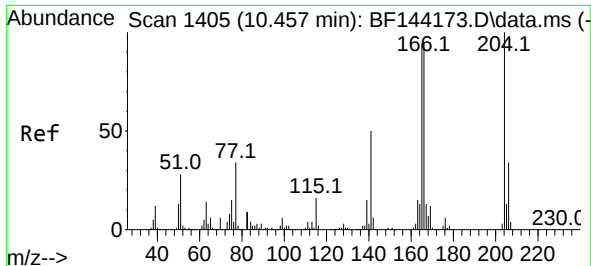
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#60
Diethylphthalate
Concen: 45.141 ng
RT: 10.333 min Scan# 1384
Delta R.T. 0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

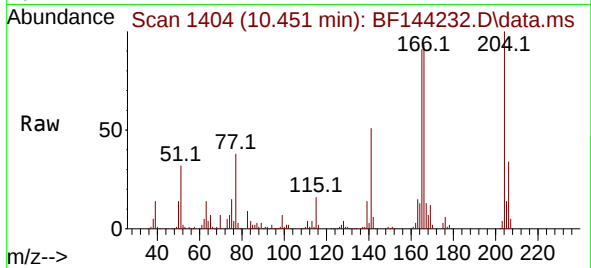
Tgt Ion:149 Resp: 287534
Ion Ratio Lower Upper
149 100
177 22.5 18.3 27.5
150 12.3 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 40.134 ng
RT: 10.451 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

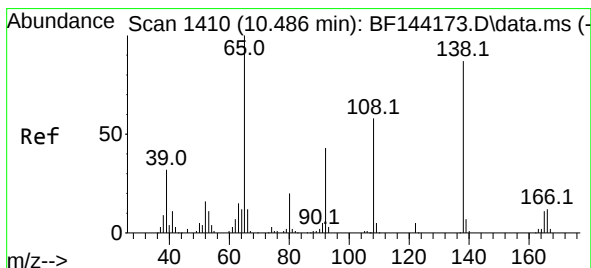
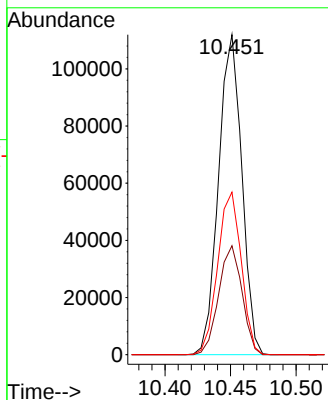
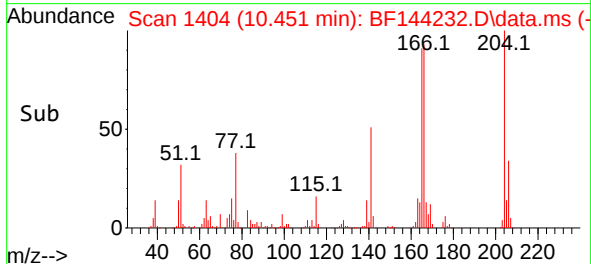
Instrument :
BNA_F
ClientSampleId :
PB170323BS



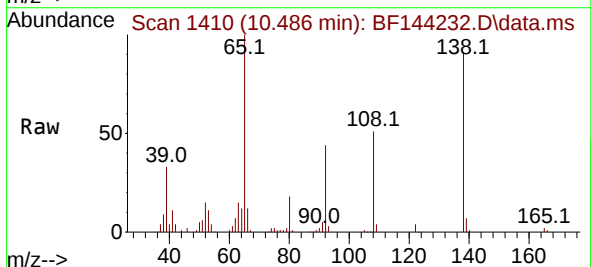
Tgt Ion:204 Resp: 137769
Ion Ratio Lower Upper
204 100
206 34.1 27.4 41.2
141 50.8 40.0 60.0

Manual Integrations
APPROVED

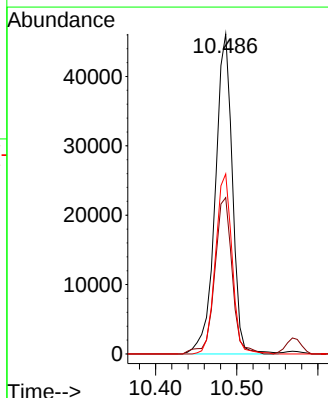
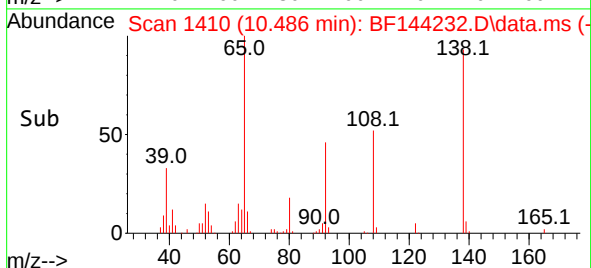
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

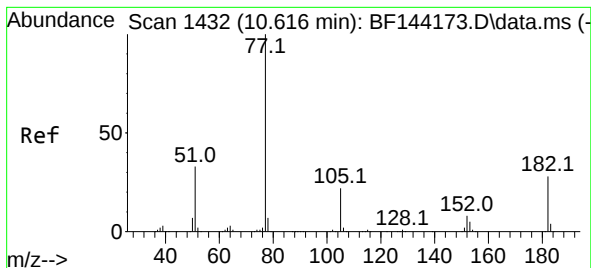


#62
4-Nitroaniline
Concen: 46.535 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.012 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51



Tgt Ion:138 Resp: 67761
Ion Ratio Lower Upper
138 100
92 48.9 29.4 69.4
108 56.3 46.4 86.4





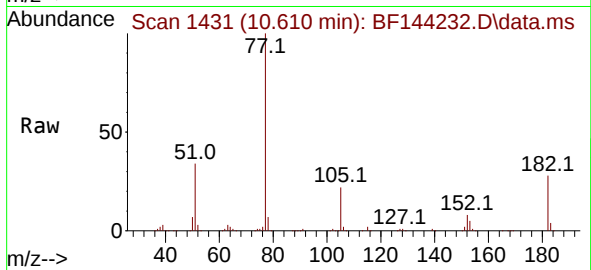
#63
Azobenzene
Concen: 47.859 ng
RT: 10.610 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Instrument :

BNA_F

ClientSampleId :

PB170323BS

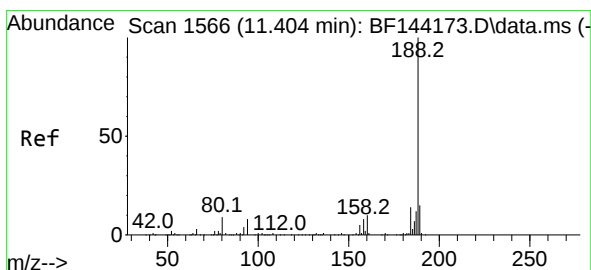
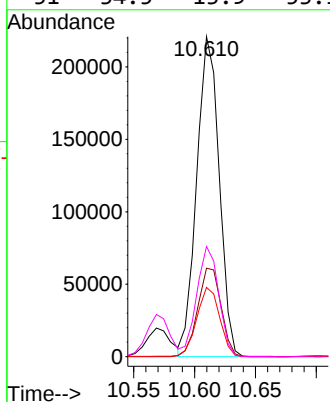
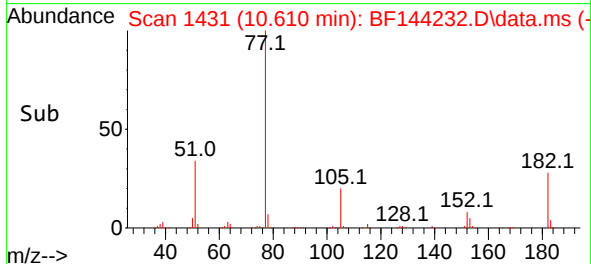


Tgt Ion: 77 Resp: 28371
Ion Ratio Lower Upper
77 100
182 27.7 8.1 48.1
105 21.6 2.0 42.0
51 34.5 13.9 53.9

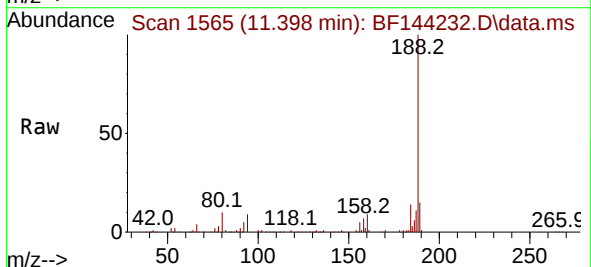
Manual Integrations

APPROVED

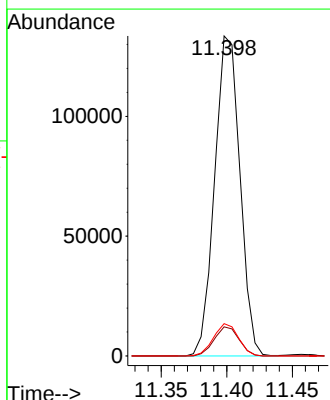
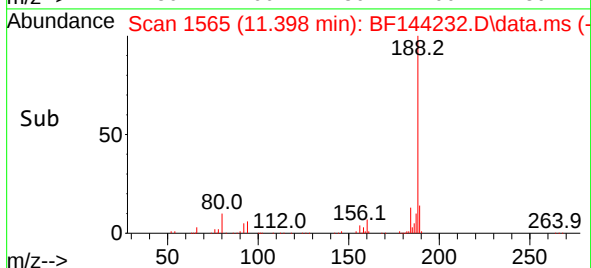
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

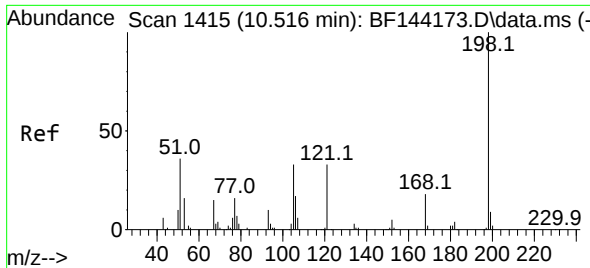


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51



Tgt Ion:188 Resp: 179114
Ion Ratio Lower Upper
188 100
94 9.1 6.2 9.2
80 10.1 6.9 10.3





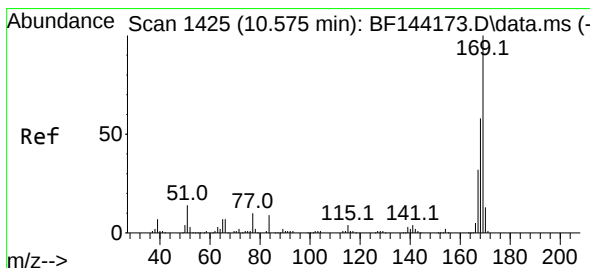
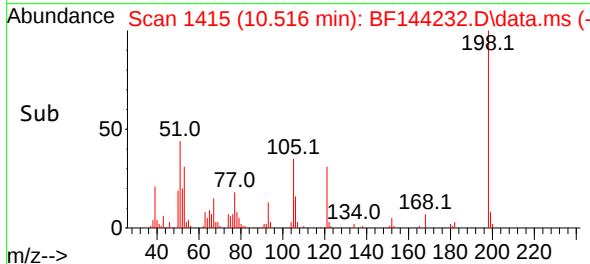
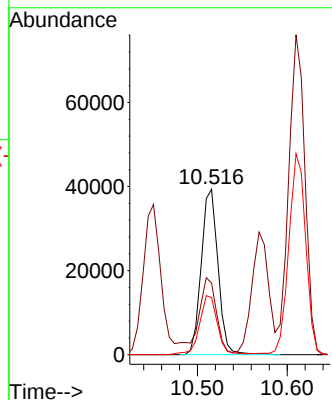
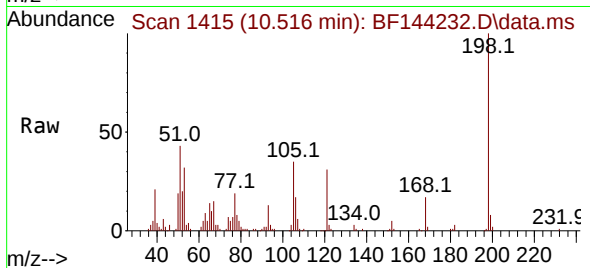
#65
4,6-Dinitro-2-methylphenol
Concen: 42.038 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Instrument :
BNA_F
ClientSampleId :
PB170323BS

Tgt Ion:198 Resp: 5115
Ion Ratio Lower Upper
198 100
51 43.3 25.6 65.6
105 34.5 14.6 54.6

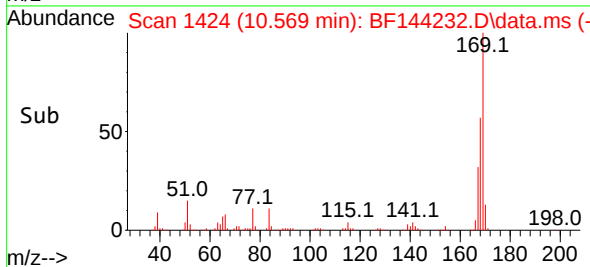
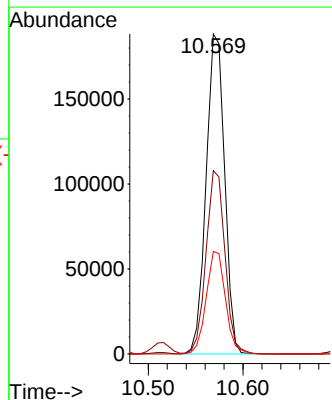
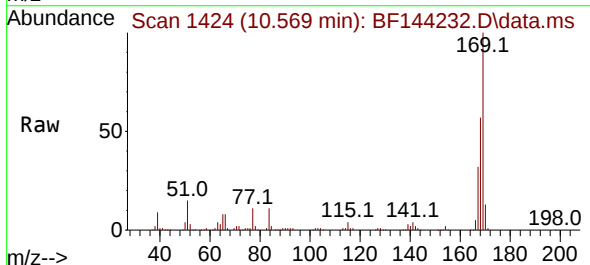
Manual Integrations
APPROVED

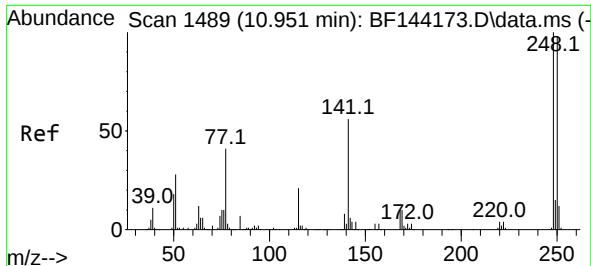
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#66
n-Nitrosodiphenylamine
Concen: 44.349 ng
RT: 10.569 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

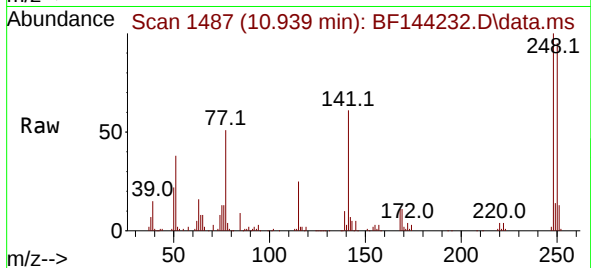
Tgt Ion:169 Resp: 255483
Ion Ratio Lower Upper
169 100
168 57.3 46.2 69.2
167 32.0 25.7 38.5





#67
4-Bromophenyl-phenylether
Concen: 41.600 ng
RT: 10.939 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

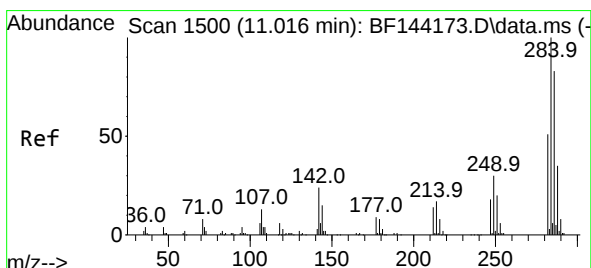
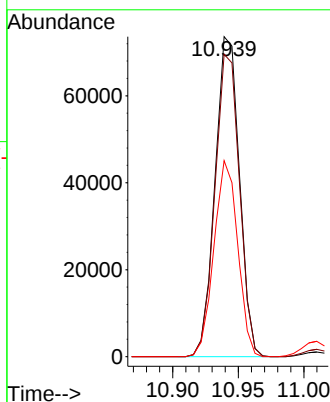
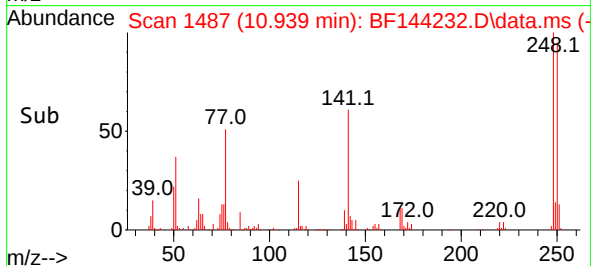
Instrument :
BNA_F
ClientSampleId :
PB170323BS



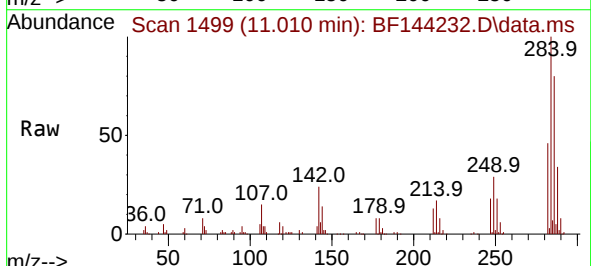
Tgt Ion:248 Resp: 9510
Ion Ratio Lower Upper
248 100
250 94.5 78.4 117.6
141 61.3 45.1 67.7

Manual Integrations
APPROVED

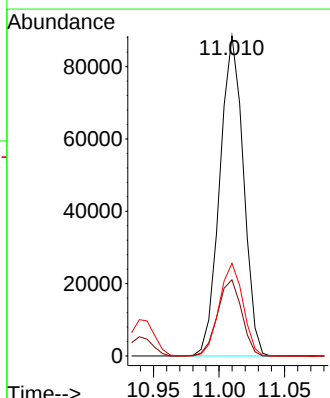
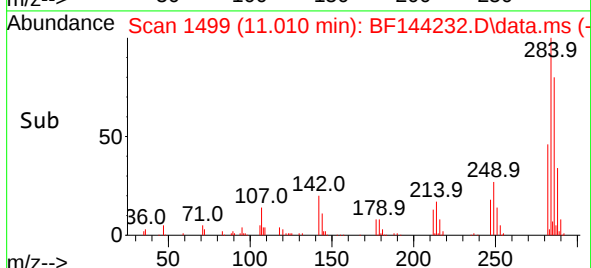
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

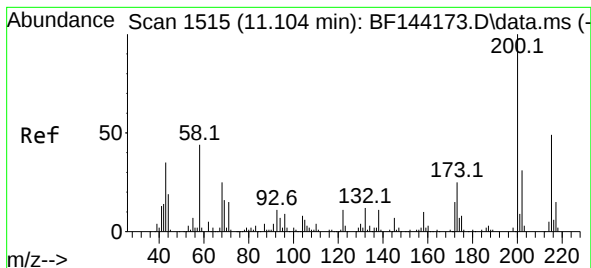


#68
Hexachlorobenzene
Concen: 41.194 ng
RT: 11.010 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51



Tgt Ion:284 Resp: 110929
Ion Ratio Lower Upper
284 100
142 23.8 19.2 28.8
249 28.9 23.8 35.8





#69

Atrazine

Concen: 45.852 ng

RT: 11.098 min Scan# 1514

Delta R.T. -0.000 min

Lab File: BF144232.D

Acq: 12 Nov 2025 16:51

Instrument :

BNA_F

ClientSampleId :

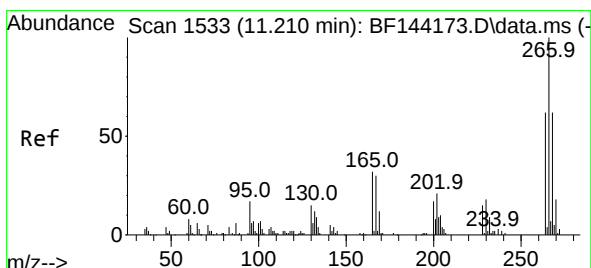
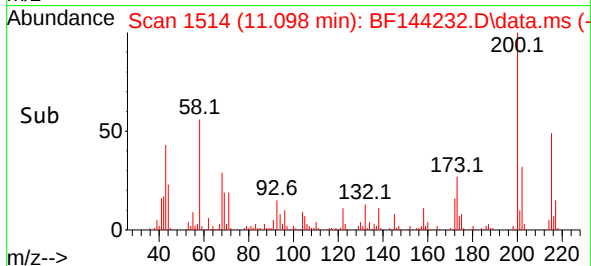
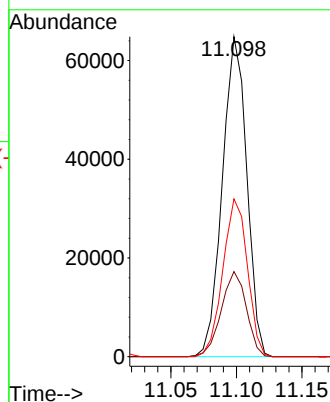
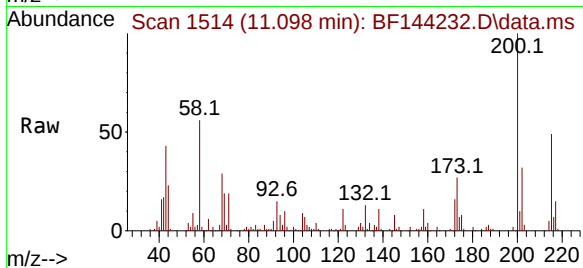
PB170323BS

Tgt Ion:200 Resp: 84004
 Ion Ratio Lower Upper
 200 100
 173 26.6 5.0 45.0
 215 49.3 28.7 68.7

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 88.223 ng

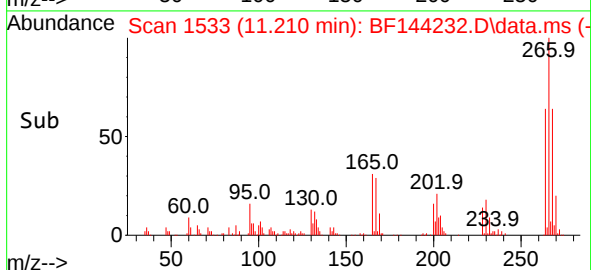
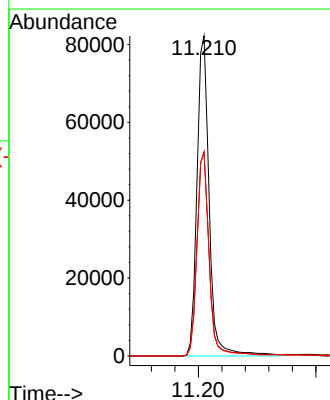
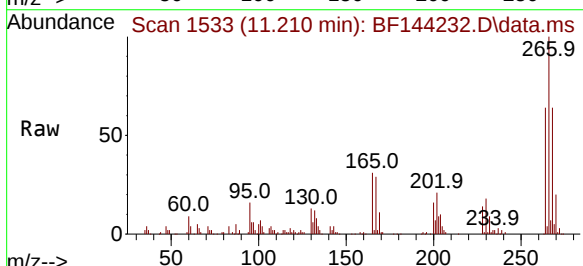
RT: 11.210 min Scan# 1533

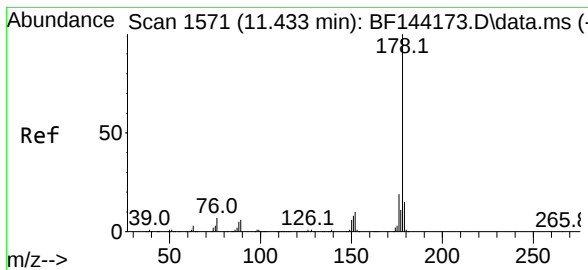
Delta R.T. -0.006 min

Lab File: BF144232.D

Acq: 12 Nov 2025 16:51

Tgt Ion:266 Resp: 118302
 Ion Ratio Lower Upper
 266 100
 268 63.7 49.5 74.3
 264 63.8 49.4 74.2





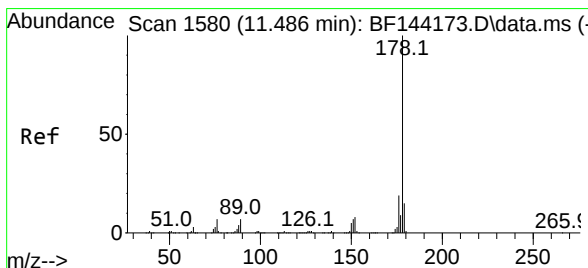
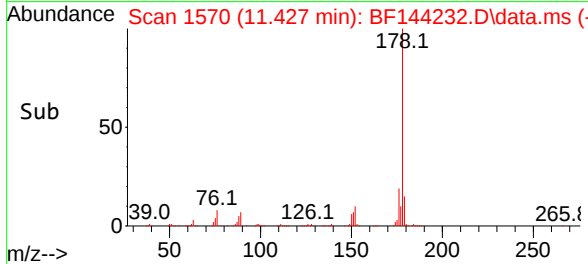
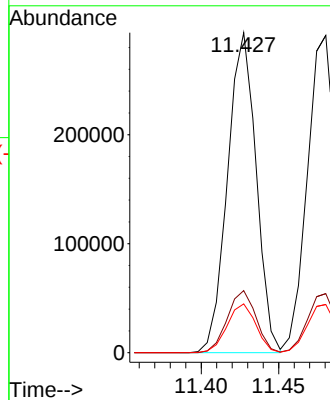
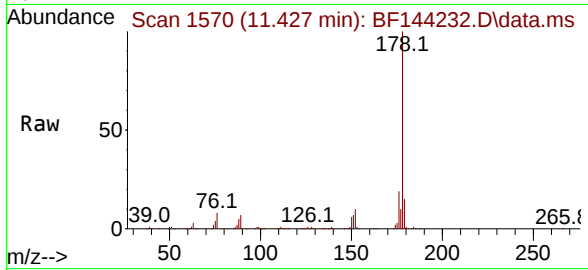
#71
Phenanthrene
Concen: 42.257 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Instrument :
BNA_F
ClientSampleId :
PB170323BS

Tgt Ion:178 Resp: 37684
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.3 12.2 18.4

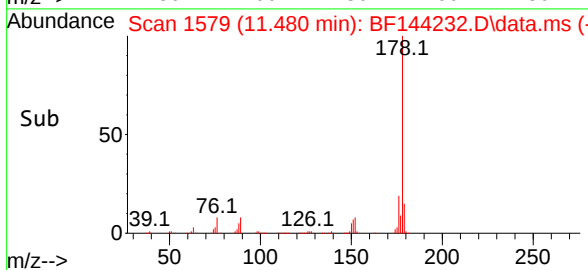
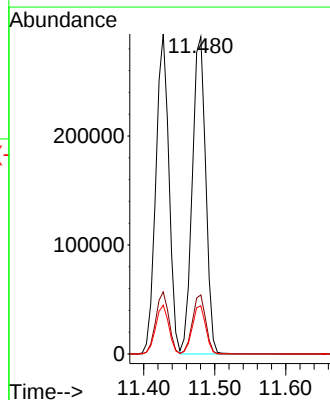
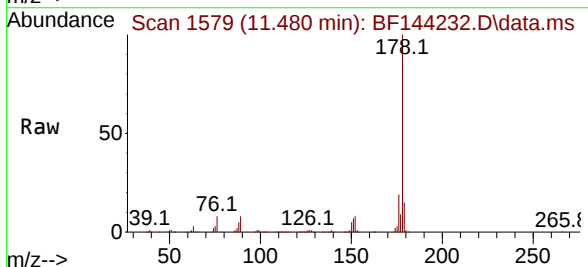
Manual Integrations
APPROVED

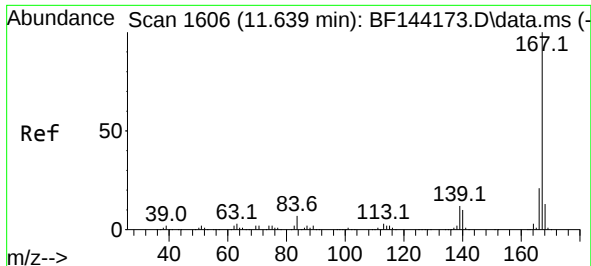
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#72
Anthracene
Concen: 42.251 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

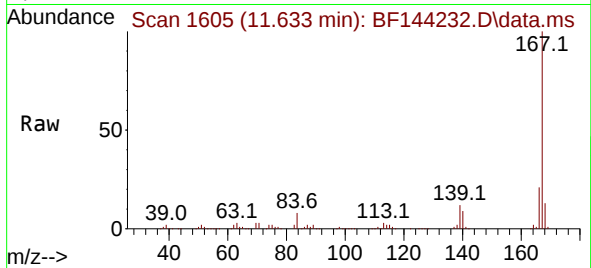
Tgt Ion:178 Resp: 383127
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 15.2 12.0 18.0





#73
Carbazole
Concen: 42.981 ng
RT: 11.633 min Scan# 1605
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

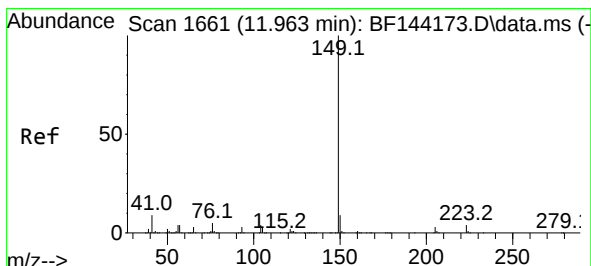
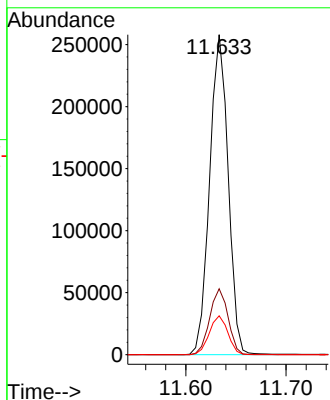
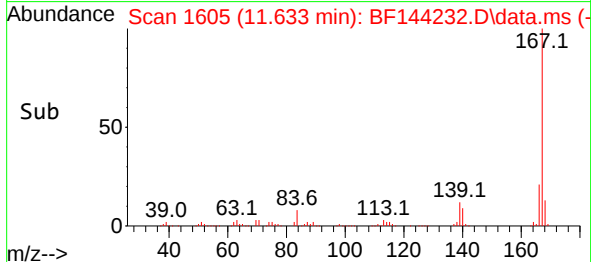
Instrument :
BNA_F
ClientSampleId :
PB170323BS



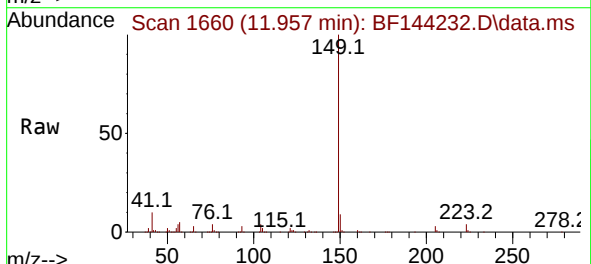
Tgt Ion:167 Resp: 331411
Ion Ratio Lower Upper
167 100
166 20.6 17.2 25.8
139 12.1 9.9 14.9

Manual Integrations
APPROVED

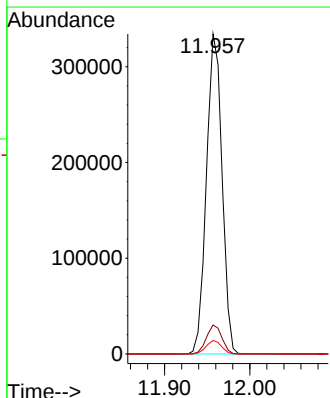
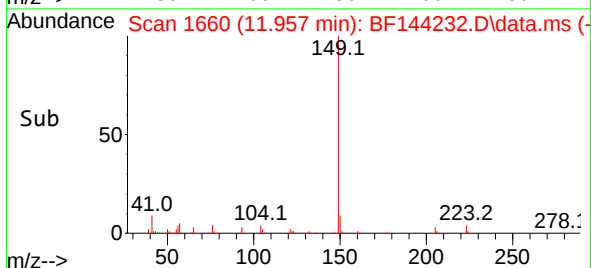
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

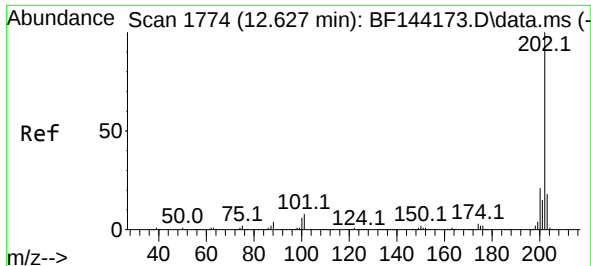


#74
Di-n-butylphthalate
Concen: 45.568 ng
RT: 11.957 min Scan# 1660
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51



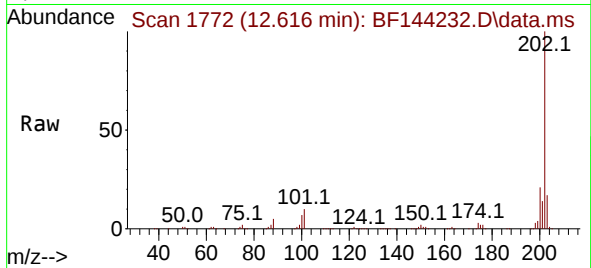
Tgt Ion:149 Resp: 424757
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 4.2 3.4 5.2





#75
Fluoranthene
Concen: 40.256 ng
RT: 12.616 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

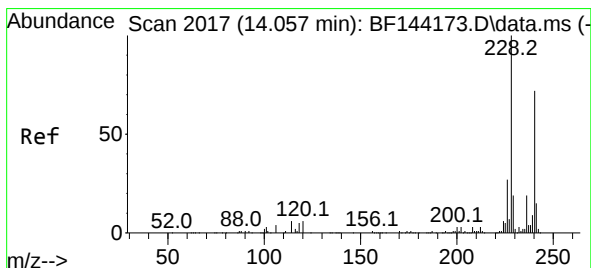
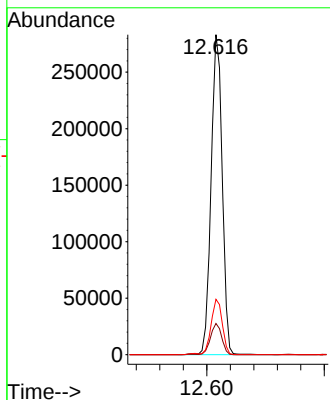
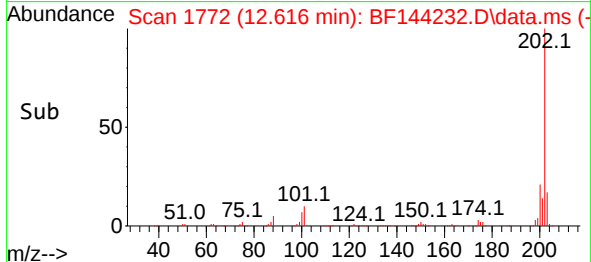
Instrument :
BNA_F
ClientSampleId :
PB170323BS



Tgt Ion:202 Resp: 37084
Ion Ratio Lower Upper
202 100
101 9.8 0.0 27.9
203 17.3 0.0 37.5

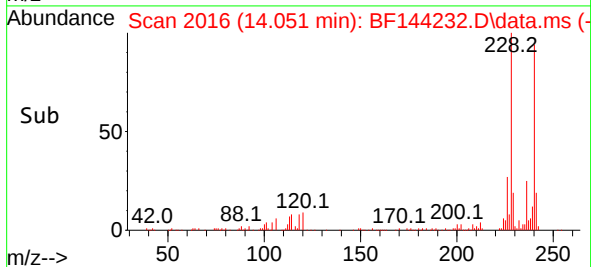
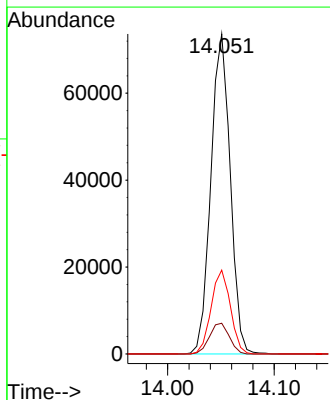
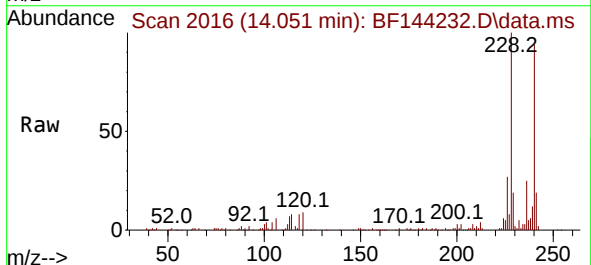
Manual Integrations
APPROVED

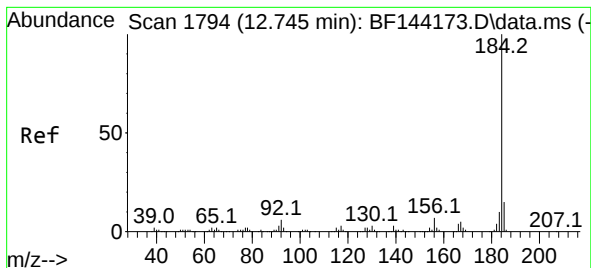
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

Tgt Ion:240 Resp: 92727
Ion Ratio Lower Upper
240 100
120 9.6 6.6 10.0
236 26.2 21.4 32.2





#77

Benzidine

Concen: 27.423 ng

RT: 12.739 min Scan# 1793

Delta R.T. -0.012 min

Lab File: BF144232.D

Acq: 12 Nov 2025 16:51

Instrument :

BNA_F

ClientSampleId :

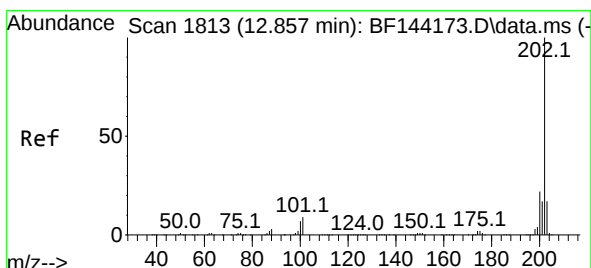
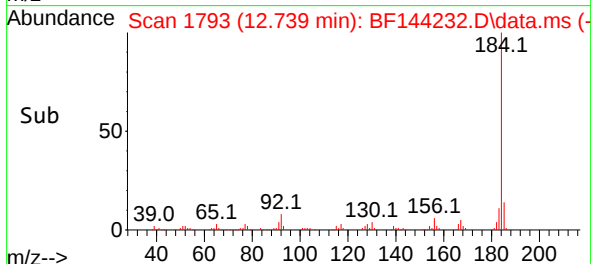
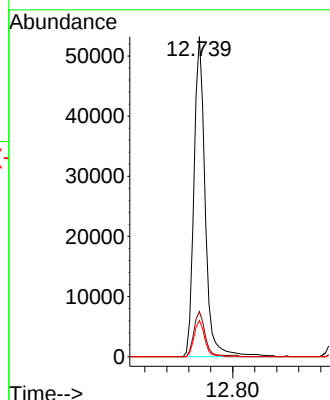
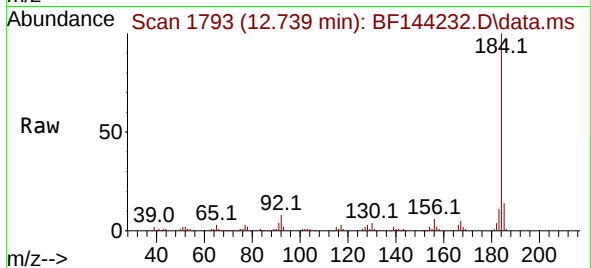
PB170323BS

Tgt Ion:184	Resp:	7521
Ion Ratio	Lower	Upper
184	100	
185	14.1	11.7 17.5
183	11.3	8.3 12.5

Manual Integrations

APPROVED

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



#78

Pyrene

Concen: 48.803 ng

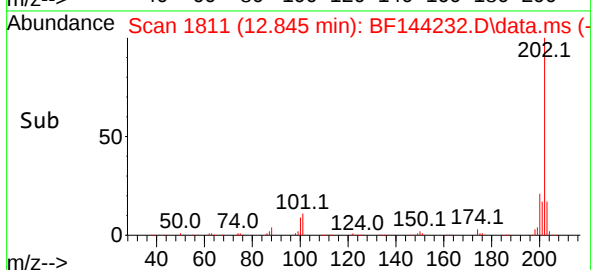
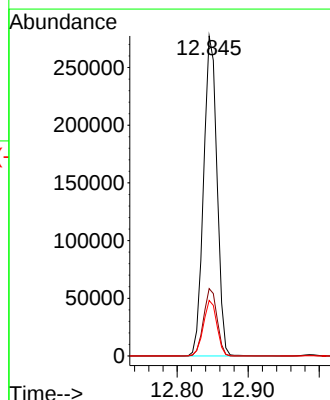
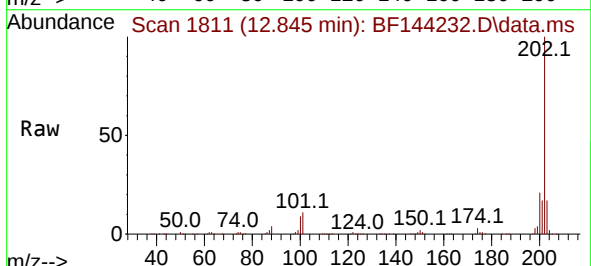
RT: 12.845 min Scan# 1811

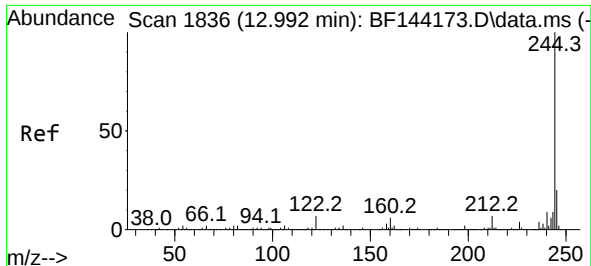
Delta R.T. -0.006 min

Lab File: BF144232.D

Acq: 12 Nov 2025 16:51

Tgt Ion:202	Resp:	364875
Ion Ratio	Lower	Upper
202	100	
200	21.1	17.2 25.8
203	17.4	13.7 20.5





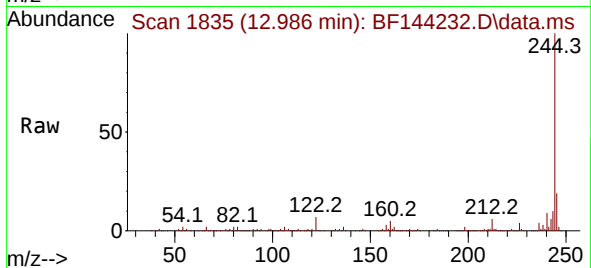
#79
 Terphenyl-d14
 Concen: 91.631 ng
 RT: 12.986 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: BF144232.D
 Acq: 12 Nov 2025 16:51

Instrument :

BNA_F

ClientSampleId :

PB170323BS

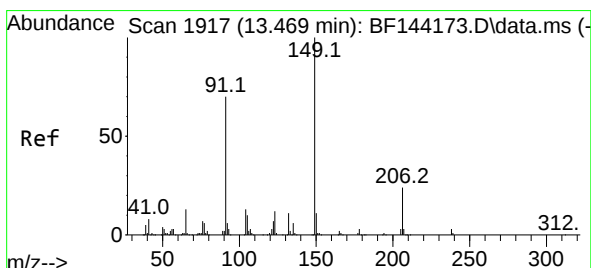
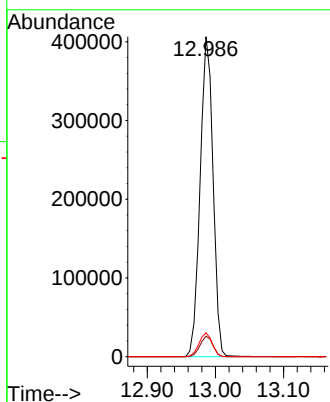
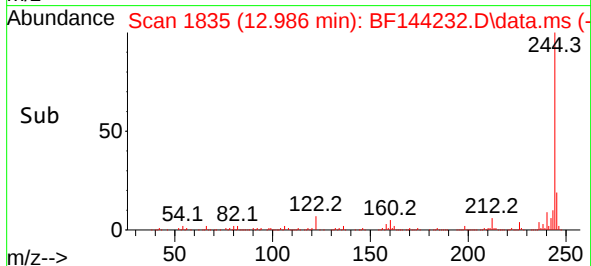


Tgt Ion:244 Resp: 534919
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.3 7.9
 122 7.4 5.6 8.4

Manual Integrations

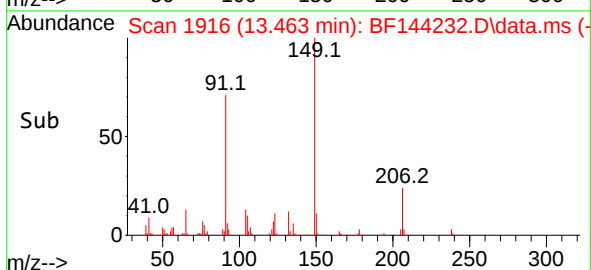
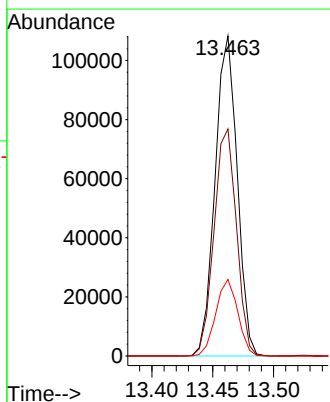
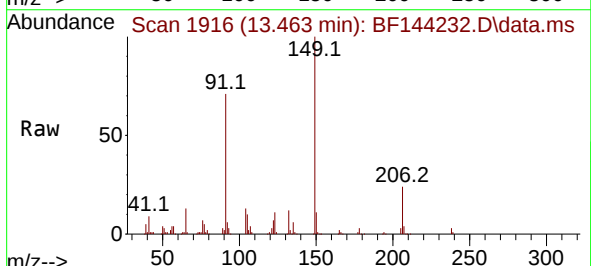
APPROVED

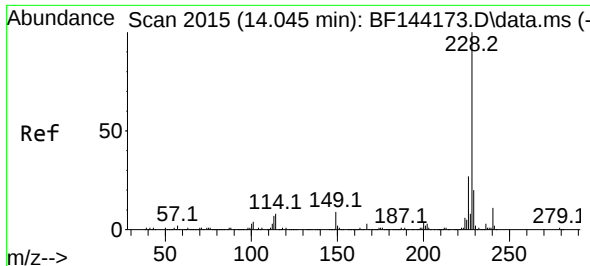
Reviewed By :Jagrut Upadhyay 11/13/2025
 Supervised By :mohammad ahmed 11/14/2025



#80
 Butylbenzylphthalate
 Concen: 52.931 ng
 RT: 13.463 min Scan# 1916
 Delta R.T. -0.006 min
 Lab File: BF144232.D
 Acq: 12 Nov 2025 16:51

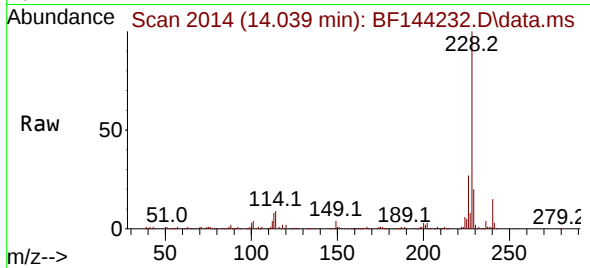
Tgt Ion:149 Resp: 137159
 Ion Ratio Lower Upper
 149 100
 91 71.0 56.1 84.1
 206 23.9 18.8 28.2





#81
Benzo(a)anthracene
Concen: 45.270 ng
RT: 14.039 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

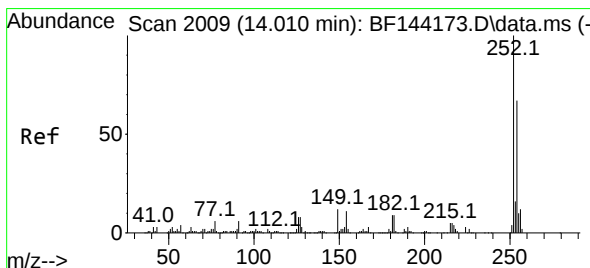
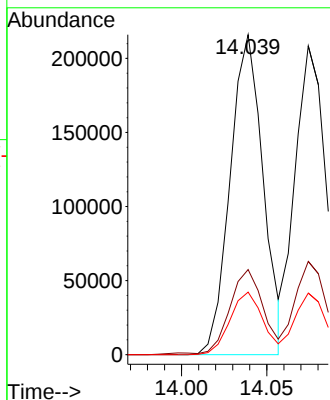
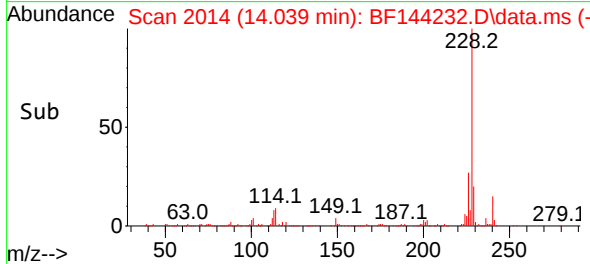
Instrument :
BNA_F
ClientSampleId :
PB170323BS



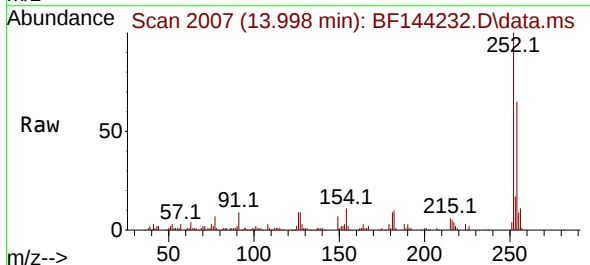
Tgt Ion:228 Resp: 29093
Ion Ratio Lower Upper
228 100
226 26.6 21.8 32.8
229 19.6 15.8 23.6

Manual Integrations
APPROVED

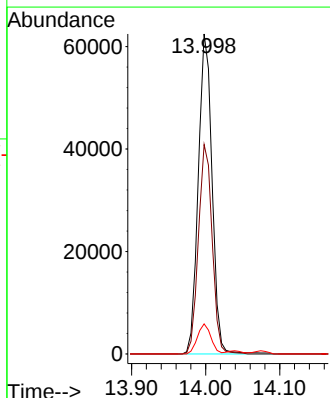
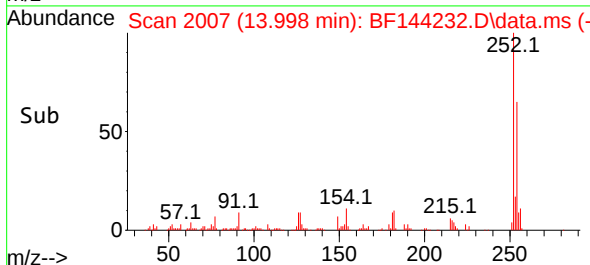
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

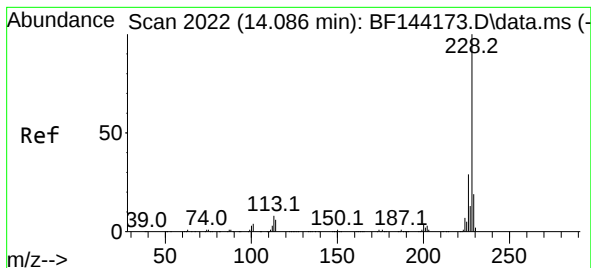


#82
3,3'-Dichlorobenzidine
Concen: 36.724 ng
RT: 13.998 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51



Tgt Ion:252 Resp: 80899
Ion Ratio Lower Upper
252 100
254 65.4 53.5 80.3
126 9.4 6.4 9.6





#83

Chrysene

Concen: 44.414 ng

RT: 14.074 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF144232.D

Acq: 12 Nov 2025 16:51

Instrument :

BNA_F

ClientSampleId :

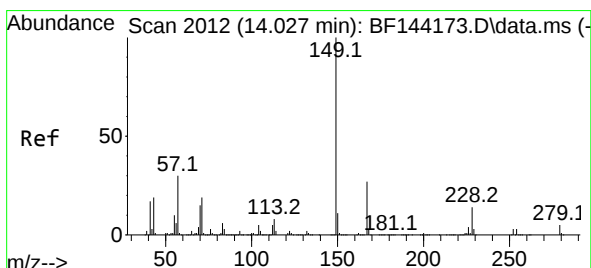
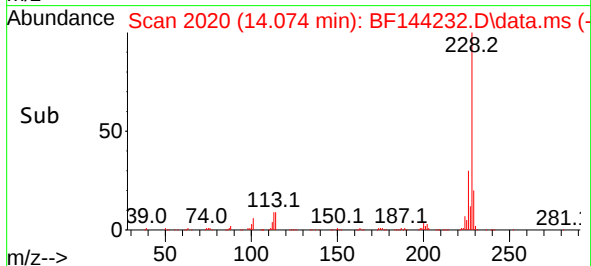
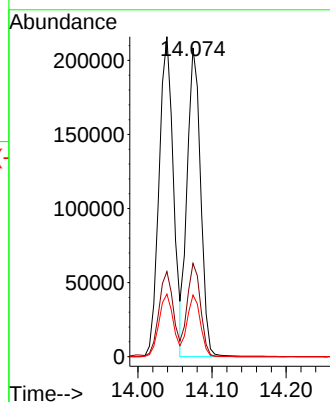
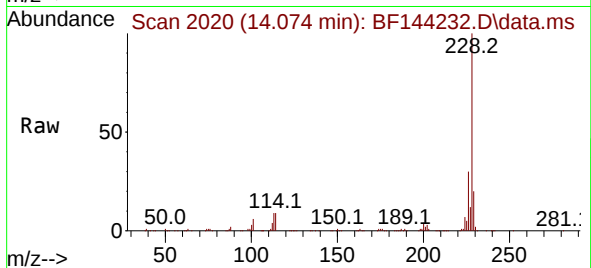
PB170323BS

Tgt Ion:	228	Resp:	26349
Ion Ratio	Lower	Upper	
228	100		
226	30.2	22.9	34.3
229	19.9	15.0	22.6

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.996 ng

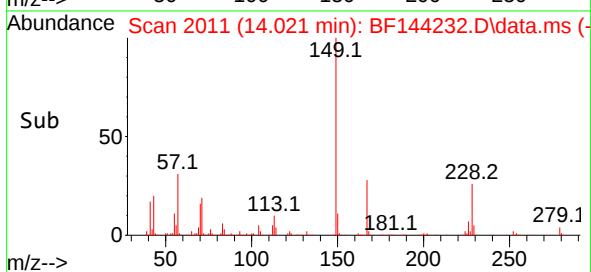
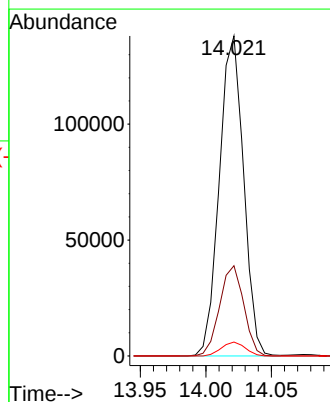
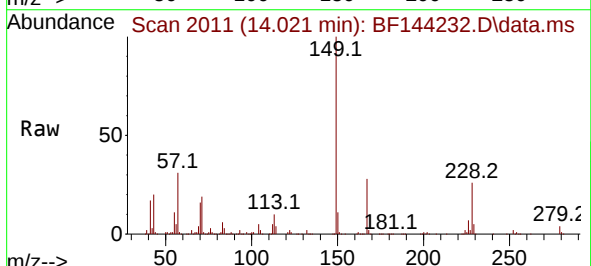
RT: 14.021 min Scan# 2011

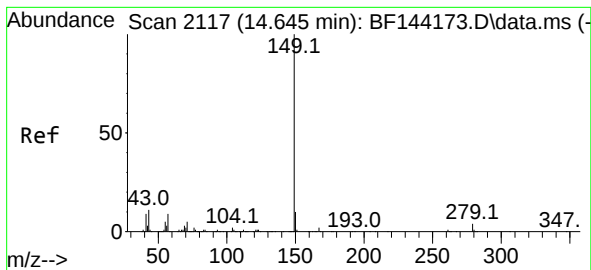
Delta R.T. -0.006 min

Lab File: BF144232.D

Acq: 12 Nov 2025 16:51

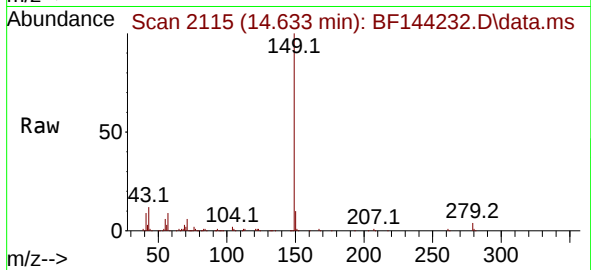
Tgt Ion:	149	Resp:	177351
Ion Ratio	Lower	Upper	
149	100		
167	28.2	21.8	32.8
279	4.4	3.7	5.5





#85
Di-n-octyl phthalate
Concen: 44.790 ng
RT: 14.633 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

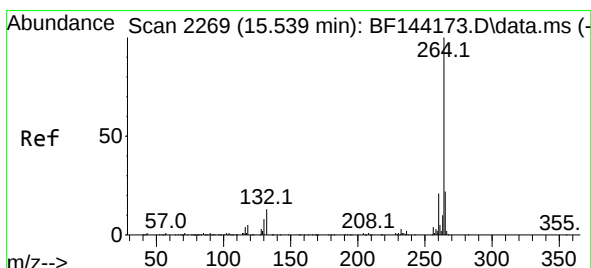
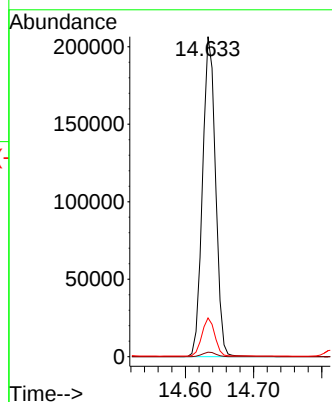
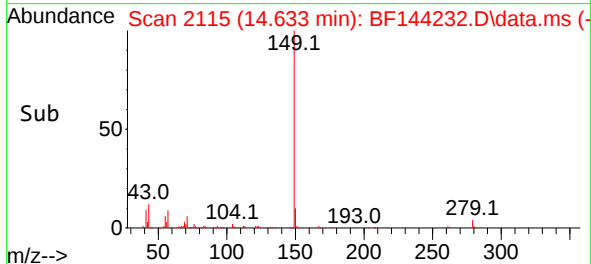
Instrument :
BNA_F
ClientSampleId :
PB170323BS



Tgt Ion:149 Resp: 27412
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.8 9.0 13.4

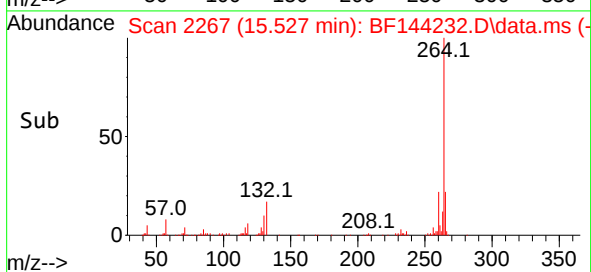
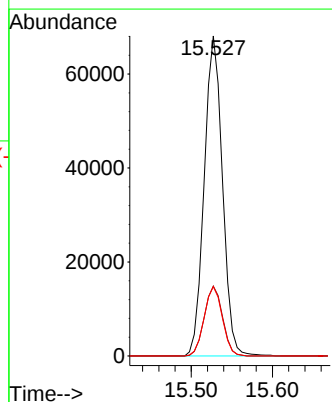
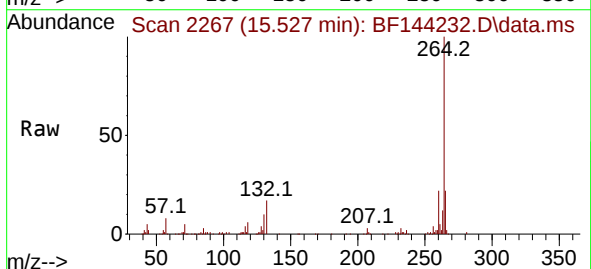
Manual Integrations
APPROVED

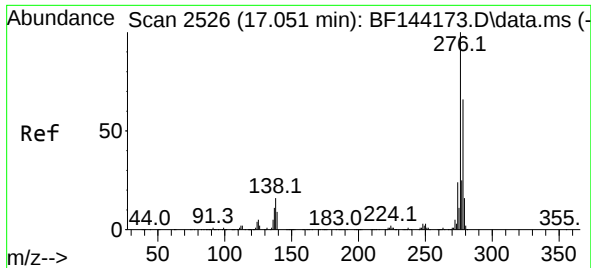
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

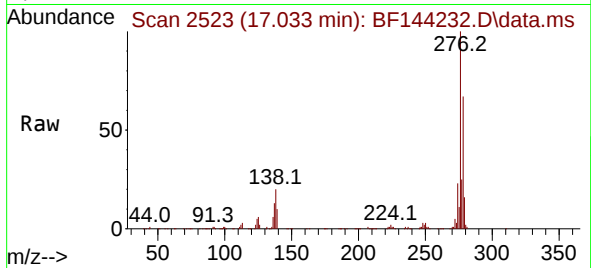
Tgt Ion:264 Resp: 106133
Ion Ratio Lower Upper
264 100
260 21.9 17.1 25.7
265 21.6 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.724 ng
RT: 17.033 min Scan# 2193
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

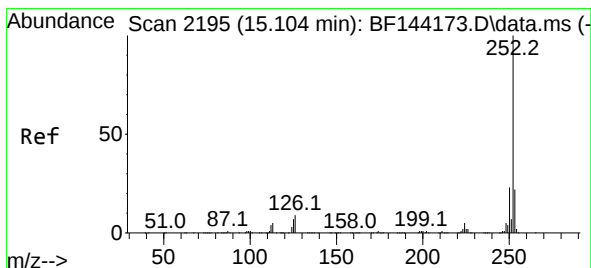
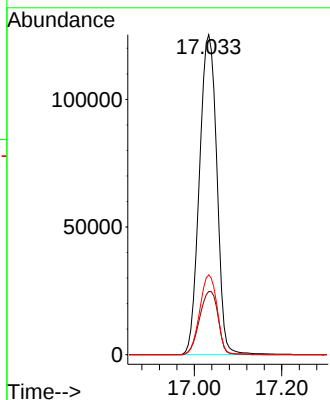
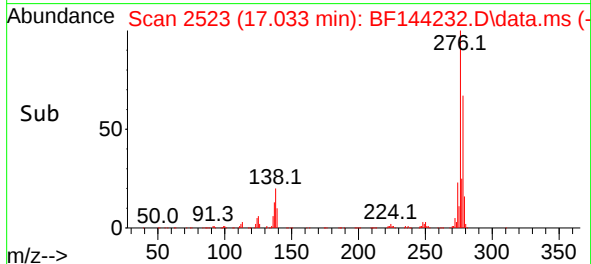
Instrument :
BNA_F
ClientSampleId :
PB170323BS



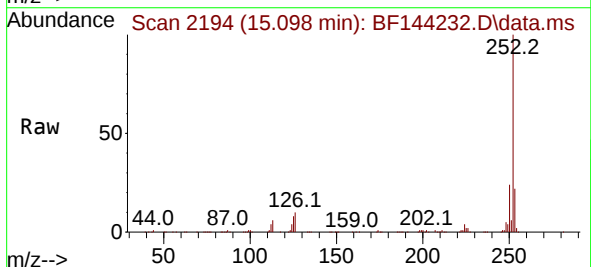
Tgt Ion:276 Resp: 348350
Ion Ratio Lower Upper
276 100
138 21.1 13.9 20.9
277 24.9 19.8 29.6

Manual Integrations
APPROVED

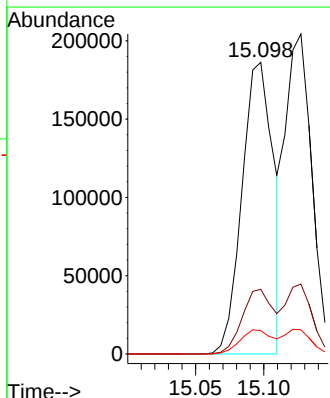
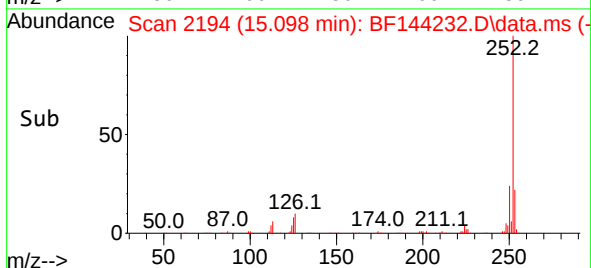
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

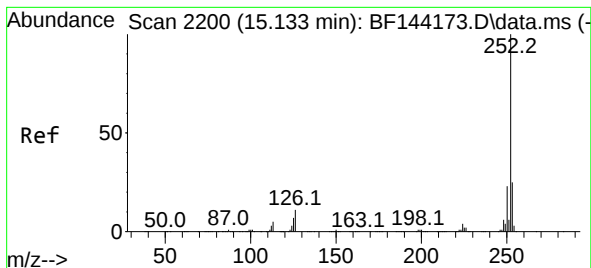


#88
Benzo(b)fluoranthene
Concen: 49.484 ng m
RT: 15.098 min Scan# 2194
Delta R.T. -0.000 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51



Tgt Ion:252 Resp: 298579
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 8.0 5.3 7.9#





#89

Benzo(k)fluoranthene

Concen: 48.923 ng

RT: 15.127 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF144232.D

Acq: 12 Nov 2025 16:51

Instrument :

BNA_F

ClientSampleId :

PB170323BS

Tgt Ion:252 Resp: 27630

Ion Ratio Lower Upper

252 100

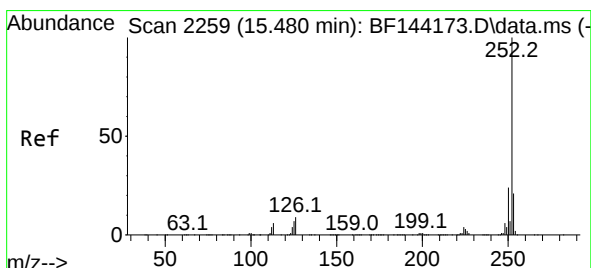
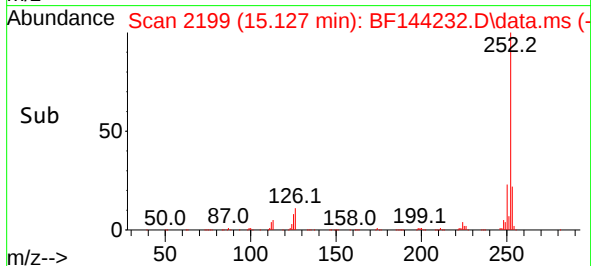
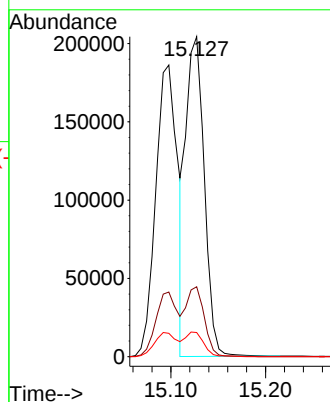
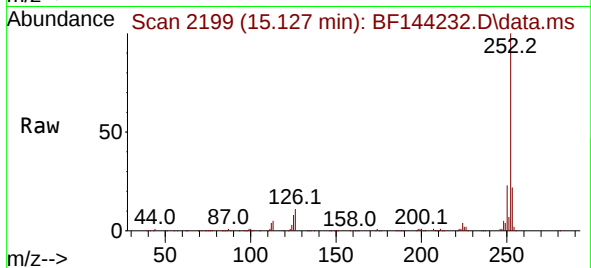
253 21.9 18.0 27.0

125 7.5 5.4 8.2

Manual Integrations

APPROVED

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



#90

Benzo(a)pyrene

Concen: 50.327 ng

RT: 15.468 min Scan# 2257

Delta R.T. -0.006 min

Lab File: BF144232.D

Acq: 12 Nov 2025 16:51

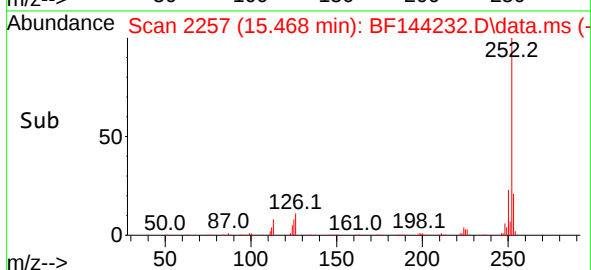
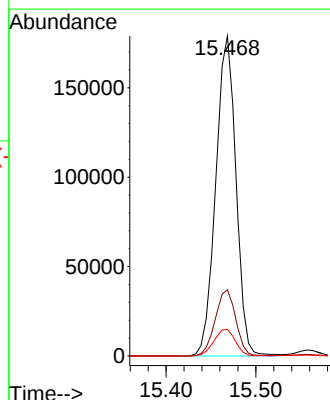
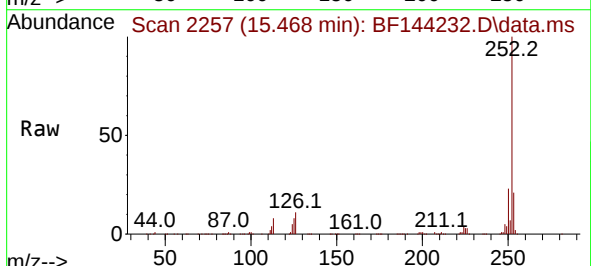
Tgt Ion:252 Resp: 280147

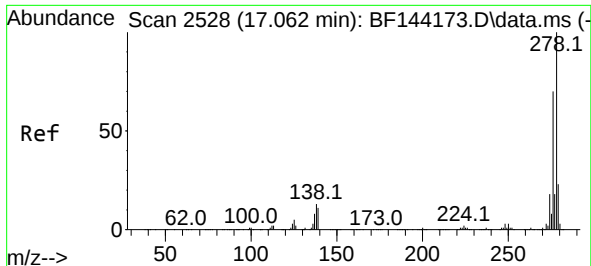
Ion Ratio Lower Upper

252 100

253 20.7 16.7 25.1

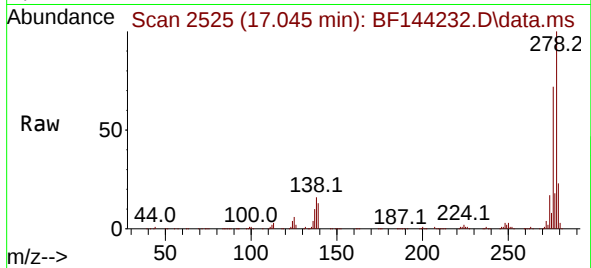
125 8.3 5.7 8.5





#91
Dibenzo(a,h)anthracene
Concen: 46.298 ng
RT: 17.045 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51

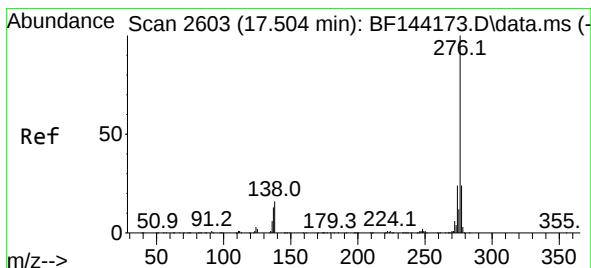
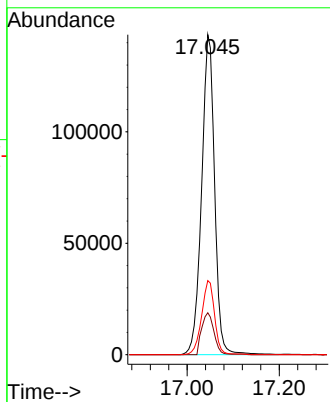
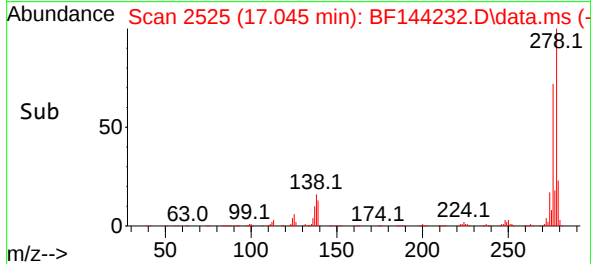
Instrument :
BNA_F
ClientSampleId :
PB170323BS



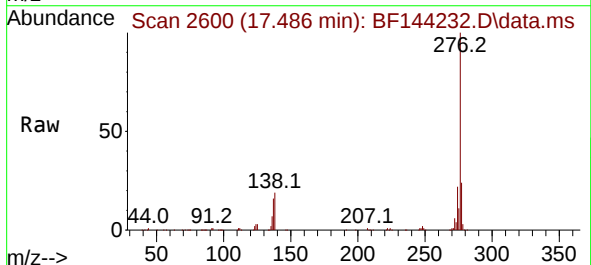
Tgt Ion:278 Resp: 283279
Ion Ratio Lower Upper
278 100
139 13.1 9.1 13.7
279 23.2 18.2 27.4

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 46.390 ng
RT: 17.486 min Scan# 2600
Delta R.T. -0.006 min
Lab File: BF144232.D
Acq: 12 Nov 2025 16:51



Tgt Ion:276 Resp: 280300
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.4
138 19.0 12.9 19.3

