

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112025\
 Data File : BF144292.D
 Acq On : 20 Nov 2025 13:54
 Operator : RC/JU
 Sample : PB170631BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170631BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/21/2025
 Supervised By :mohammad ahmed 11/22/2025

Quant Time: Nov 20 14:18:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	64956	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	256491	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	147675	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	246268	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	145057	20.000	ng	0.00
86) Perylene-d12	15.521	264	168439	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	470733	113.406	ng	0.00
7) Phenol-d6	6.498	99	545318	115.944	ng	0.00
23) Nitrobenzene-d5	7.428	82	350945	79.024	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	217640	117.443	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	759358	75.945	ng	0.00
79) Terphenyl-d14	12.980	244	767648	84.059	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	66630	38.827	ng	100
3) Pyridine	3.457	79	172131	35.953	ng	98
4) n-Nitrosodimethylamine	3.398	42	107324	42.915	ng	93
6) Aniline	6.528	93	209370	31.244	ng	# 86
8) 2-Chlorophenol	6.651	128	173619	42.651	ng	99
9) Benzaldehyde	6.416	77	65954	24.834	ng	99
10) Phenol	6.516	94	233571	40.646	ng	86
11) bis(2-Chloroethyl)ether	6.598	93	183970	43.936	ng	99
12) 1,3-Dichlorobenzene	6.804	146	206809	41.171	ng	99
13) 1,4-Dichlorobenzene	6.881	146	213099	42.346	ng	98
14) 1,2-Dichlorobenzene	7.034	146	203406	42.170	ng	99
15) Benzyl Alcohol	7.010	79	168811	45.328	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	339051	43.971	ng	99
17) 2-Methylphenol	7.122	107	141706	43.758	ng	95
18) Hexachloroethane	7.375	117	68501	40.972	ng	99
19) n-Nitroso-di-n-propyla...	7.275	70	130426	42.125	ng	93
20) 3+4-Methylphenols	7.275	107	164001	42.960	ng	93
22) Acetophenone	7.275	105	250774	45.576	ng	97
24) Nitrobenzene	7.445	77	199168	41.305	ng	99
25) Isophorone	7.686	82	373814	44.500	ng	99
26) 2-Nitrophenol	7.763	139	103624	43.413	ng	97
27) 2,4-Dimethylphenol	7.798	122	168863	47.200	ng	97
28) bis(2-Chloroethoxy)met...	7.892	93	230384	43.919	ng	99
29) 2,4-Dichlorophenol	8.004	162	174696	42.367	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	179426	42.376	ng	98
31) Naphthalene	8.169	128	500681	41.036	ng	99
32) Benzoic acid	7.939	122	140381	53.531	ng	93
33) 4-Chloroaniline	8.216	127	117376	26.377	ng	99
34) Hexachlorobutadiene	8.281	225	126366	39.600	ng	99
35) Caprolactam	8.592	113	54749m	48.464	ng	
36) 4-Chloro-3-methylphenol	8.704	107	164164	44.423	ng	99
37) 2-Methylnaphthalene	8.857	142	316647	38.817	ng	100
38) 1-Methylnaphthalene	8.957	142	317678	40.360	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	206268	42.619	ng	99
41) Hexachlorocyclopentadiene	9.010	237	139695	75.578	ng	97
43) 2,4,6-Trichlorophenol	9.139	196	138394	42.013	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112025\
 Data File : BF144292.D
 Acq On : 20 Nov 2025 13:54
 Operator : RC/JU
 Sample : PB170631BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170631BS

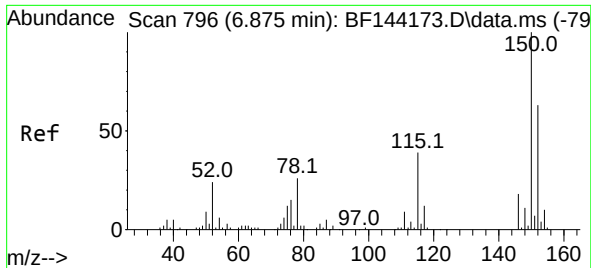
Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/21/2025
 Supervised By :mohammad ahmed 11/22/2025

Quant Time: Nov 20 14:18:23 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

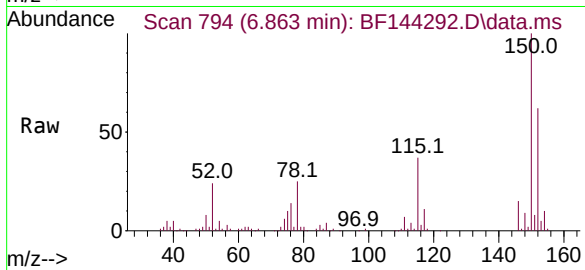
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	147482	41.542	ng	98
46) 1,1'-Biphenyl	9.322	154	468833	45.482	ng	99
47) 2-Chloronaphthalene	9.351	162	356498	40.543	ng	99
48) 2-Nitroaniline	9.451	65	111786	44.061	ng	94
49) Acenaphthylene	9.769	152	548624	45.786	ng	99
50) Dimethylphthalate	9.627	163	431866	44.144	ng	99
51) 2,6-Dinitrotoluene	9.692	165	91017	45.958	ng	97
52) Acenaphthene	9.939	154	309875	38.672	ng	99
53) 3-Nitroaniline	9.863	138	71538	33.044	ng	96
54) 2,4-Dinitrophenol	9.975	184	107086	89.545	ng	98
55) Dibenzofuran	10.110	168	457873	40.800	ng	99
56) 4-Nitrophenol	10.033	139	125541	80.166	ng	98
57) 2,4-Dinitrotoluene	10.098	165	120677	45.518	ng	94
58) Fluorene	10.457	166	359964	42.188	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	112290	44.705	ng	97
60) Diethylphthalate	10.327	149	402192	44.596	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	200437	41.240	ng	98
62) 4-Nitroaniline	10.480	138	89447	43.385	ng	96
63) Azobenzene	10.604	77	371851	44.303	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	74303	44.413	ng	99
66) n-Nitrosodiphenylamine	10.563	169	358438	45.254	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	133783	42.560	ng	97
68) Hexachlorobenzene	11.004	284	156941	42.388	ng	97
69) Atrazine	11.092	200	121432	48.208	ng	97
70) Pentachlorophenol	11.204	266	163403	88.628	ng	98
71) Phenanthrene	11.421	178	533588	43.518	ng	99
72) Anthracene	11.474	178	528976	42.428	ng	99
73) Carbazole	11.627	167	454949	42.913	ng	98
74) Di-n-butylphthalate	11.951	149	595563	46.469	ng	100
75) Fluoranthene	12.610	202	526871	41.597	ng	100
77) Benzidine	12.733	184	81512	18.997	ng	100
78) Pyrene	12.839	202	517997	44.289	ng	99
80) Butylbenzylphthalate	13.457	149	191861	47.331	ng	97
81) Benzo(a)anthracene	14.033	228	451245	44.884	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	122492	35.545	ng	96
83) Chrysene	14.068	228	414304	44.641	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	252215	45.451	ng	99
85) Di-n-octyl phthalate	14.627	149	420561	43.927	ng	99
87) Indeno(1,2,3-cd)pyrene	17.021	276	479577	39.663	ng	98
88) Benzo(b)fluoranthene	15.086	252	484028	50.545	ng	100
89) Benzo(k)fluoranthene	15.121	252	429632	47.933	ng	98
90) Benzo(a)pyrene	15.457	252	439597	49.760	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	395045	40.682	ng	98
92) Benzo(g,h,i)perylene	17.474	276	373437	38.943	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: BF144292.D
 Acq: 20 Nov 2025 13:54

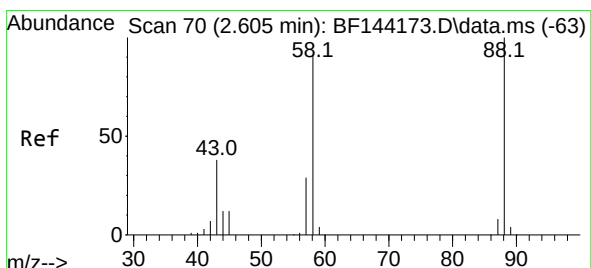
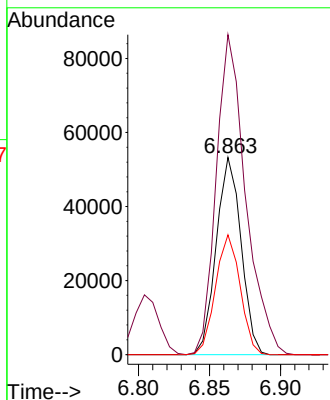
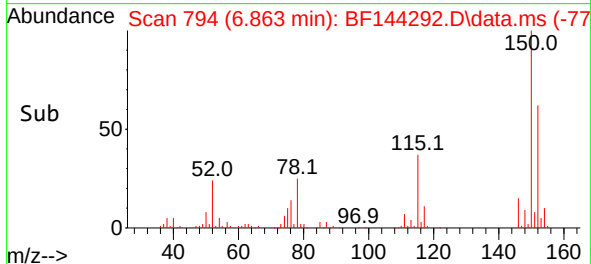
Instrument :
 BNA_F
 ClientSampleId :
 PB170631BS



Tgt Ion:152 Resp: 64956
 Ion Ratio Lower Upper
 152 100
 150 162.2 127.4 191.0
 115 60.7 49.5 74.3

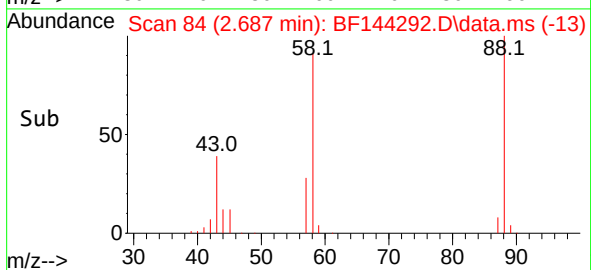
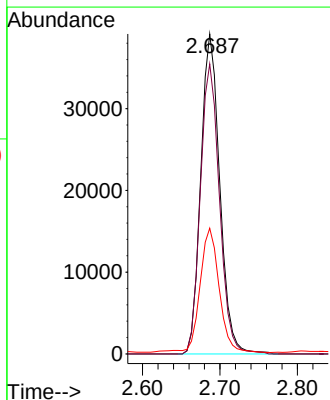
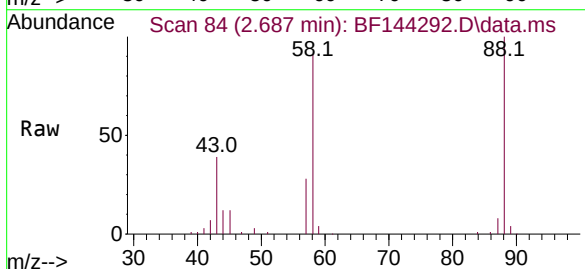
Manual Integrations
 APPROVED

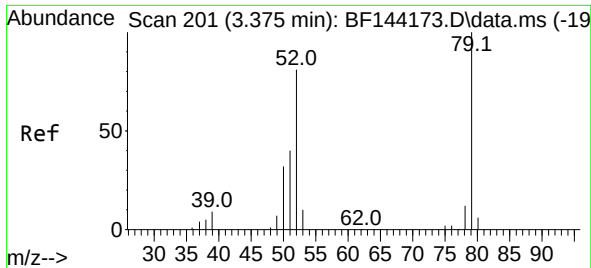
Reviewed By :Jagrut Upadhyay 11/21/2025
 Supervised By :mohammad ahmed 11/22/2025



#2
 1,4-Dioxane
 Concen: 38.827 ng
 RT: 2.687 min Scan# 84
 Delta R.T. 0.070 min
 Lab File: BF144292.D
 Acq: 20 Nov 2025 13:54

Tgt Ion: 88 Resp: 66630
 Ion Ratio Lower Upper
 88 100
 58 91.2 73.1 109.7
 43 39.3 31.0 46.6





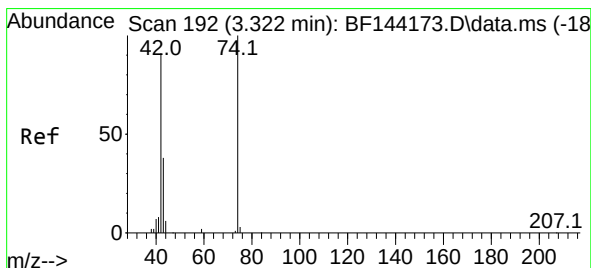
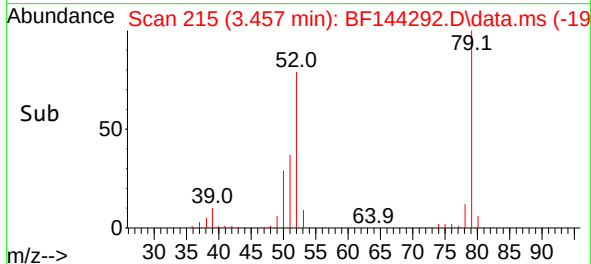
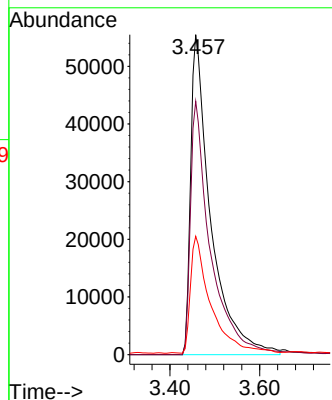
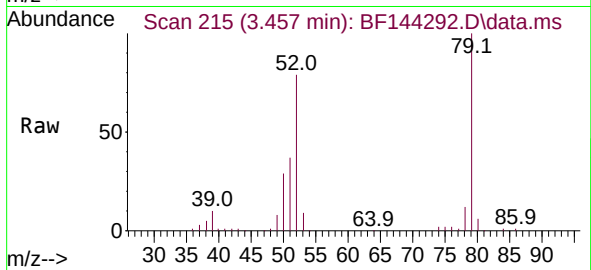
#3
Pyridine
Concen: 35.953 ng
RT: 3.457 min Scan# 21
Delta R.T. 0.047 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

Instrument :
BNA_F
ClientSampleId :
PB170631BS

Tgt Ion: 79 Resp: 17213
Ion Ratio Lower Upper
79 100
52 79.2 64.5 96.7
51 37.0 31.7 47.5

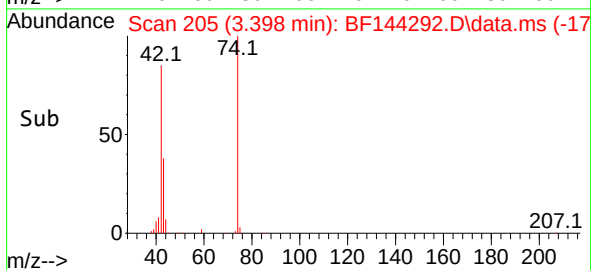
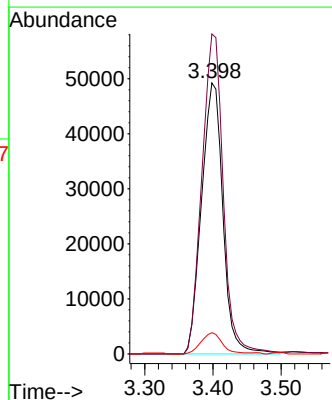
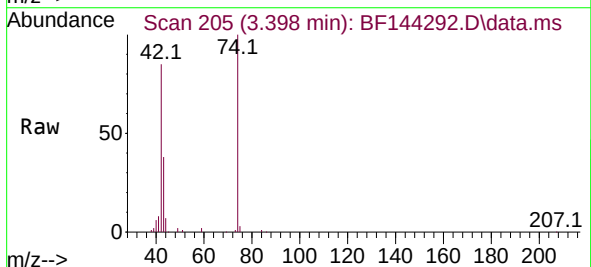
Manual Integrations
APPROVED

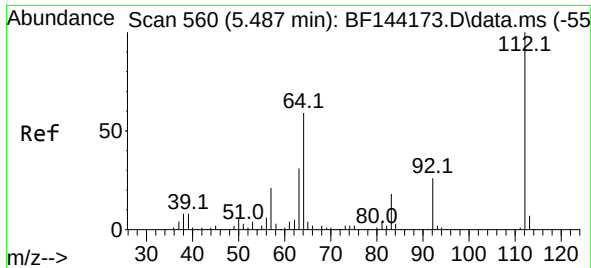
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#4
n-Nitrosodimethylamine
Concen: 42.915 ng
RT: 3.398 min Scan# 205
Delta R.T. 0.053 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

Tgt Ion: 42 Resp: 107324
Ion Ratio Lower Upper
42 100
74 118.1 88.2 132.4
44 7.8 5.7 8.5





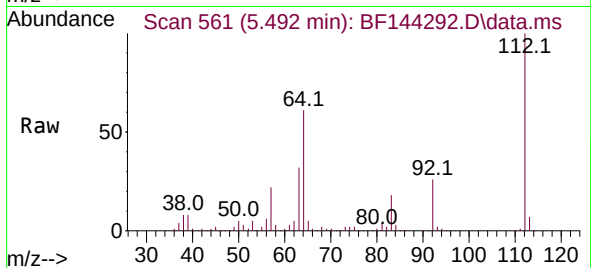
#5
2-Fluorophenol
Concen: 113.406 ng
RT: 5.492 min Scan# 50
Delta R.T. -0.000 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB170631BS

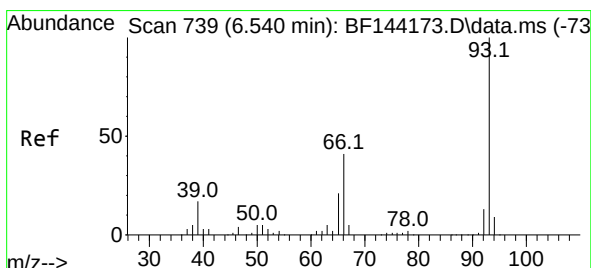
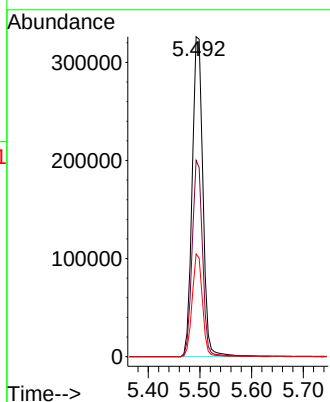
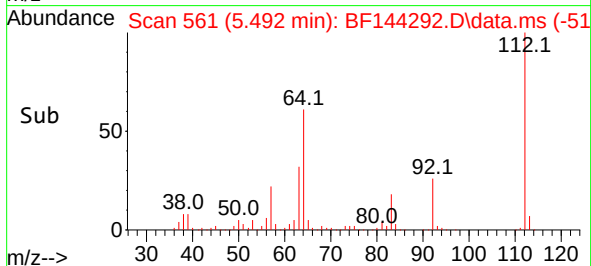


Tgt Ion:112 Resp: 470733
Ion Ratio Lower Upper
112 100
64 61.3 47.2 70.8
63 32.1 24.4 36.6

Manual Integrations

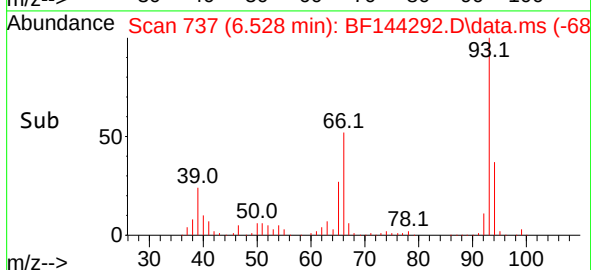
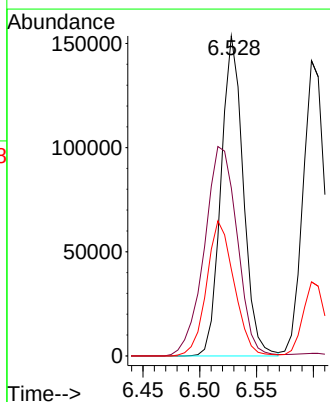
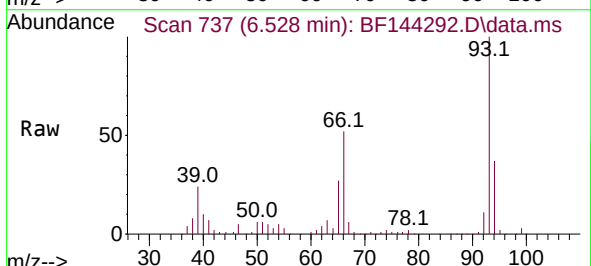
APPROVED

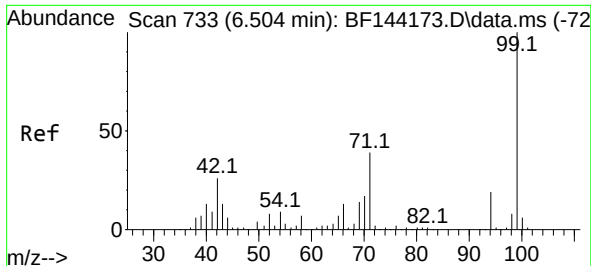
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#6
Aniline
Concen: 31.244 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

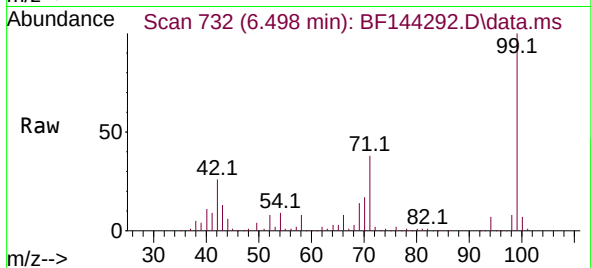
Tgt Ion: 93 Resp: 209370
Ion Ratio Lower Upper
93 100
66 52.5 34.3 51.5#
65 27.1 16.9 25.3#





#7
Phenol-d6
Concen: 115.944 ng
RT: 6.498 min Scan# 733
Delta R.T. -0.000 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

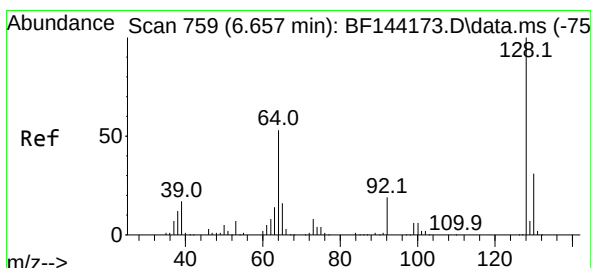
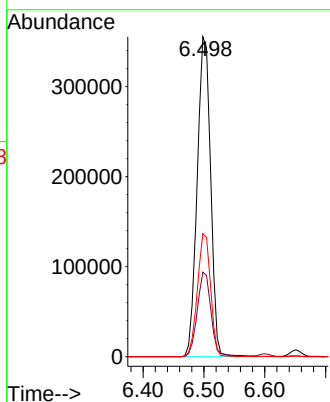
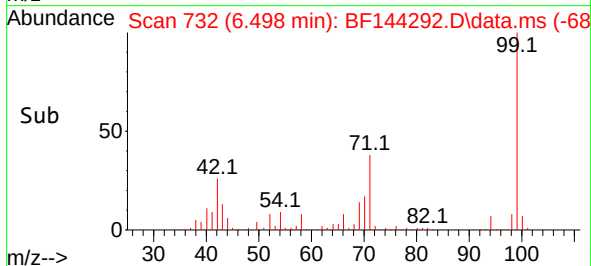
Instrument :
BNA_F
ClientSampleId :
PB170631BS



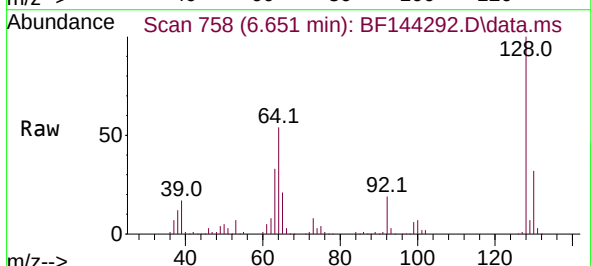
Tgt Ion: 99 Resp: 545318
Ion Ratio Lower Upper
99 100
42 26.4 20.9 31.3
71 38.4 31.4 47.2

Manual Integrations
APPROVED

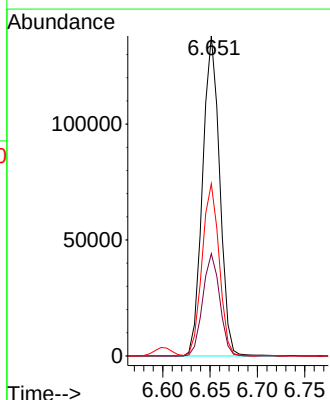
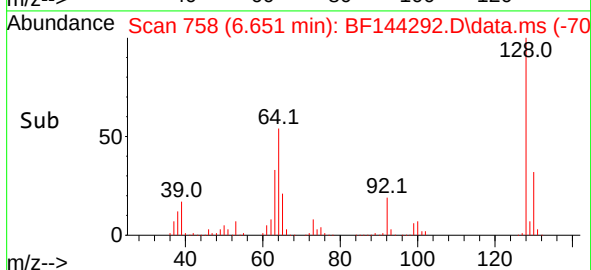
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

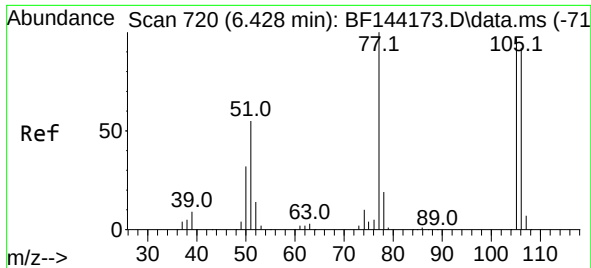


#8
2-Chlorophenol
Concen: 42.651 ng
RT: 6.651 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54



Tgt Ion:128 Resp: 173619
Ion Ratio Lower Upper
128 100
130 31.9 10.5 50.5
64 53.8 33.2 73.2





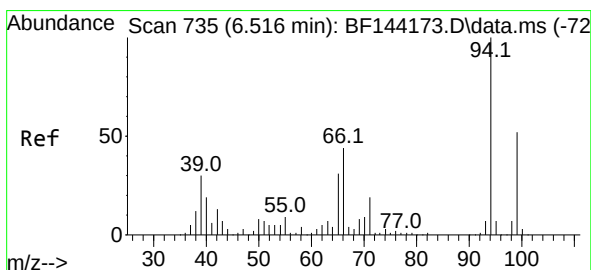
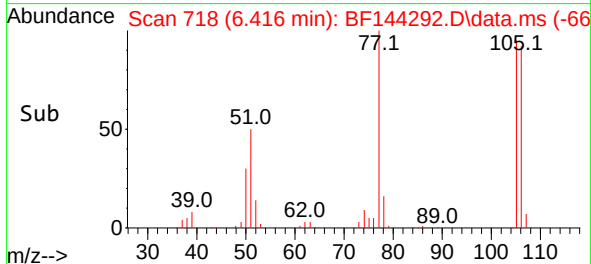
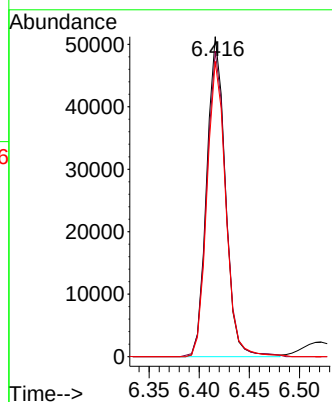
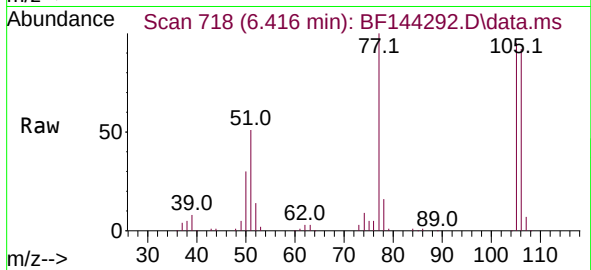
#9
Benzaldehyde
Concen: 24.834 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

Instrument :
BNA_F
ClientSampleId :
PB170631BS

Tgt Ion: 77 Resp: 65954
Ion Ratio Lower Upper
77 100
105 95.4 77.2 117.2
106 92.2 72.2 112.2

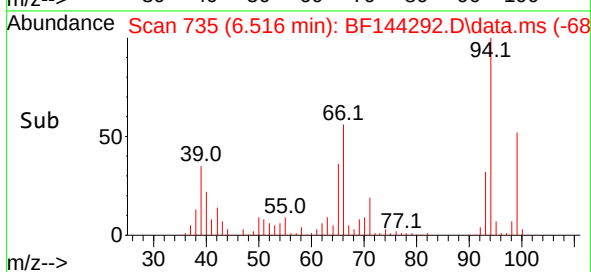
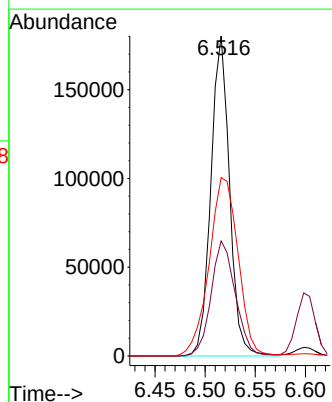
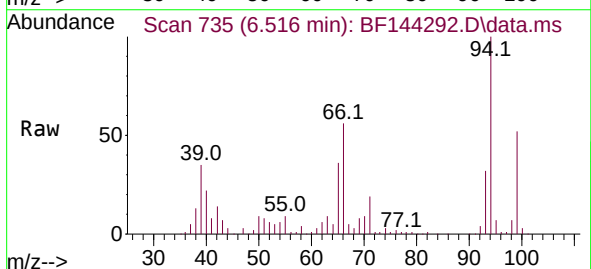
Manual Integrations
APPROVED

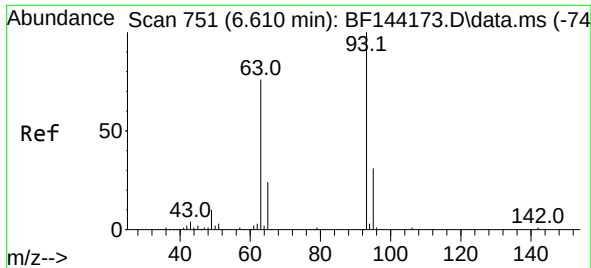
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#10
Phenol
Concen: 40.646 ng
RT: 6.516 min Scan# 735
Delta R.T. 0.006 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

Tgt Ion: 94 Resp: 233571
Ion Ratio Lower Upper
94 100
65 36.0 10.8 50.8
66 55.7 24.3 64.3





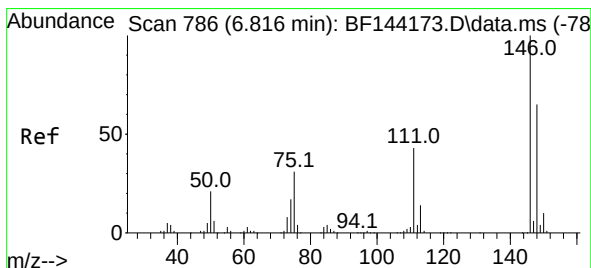
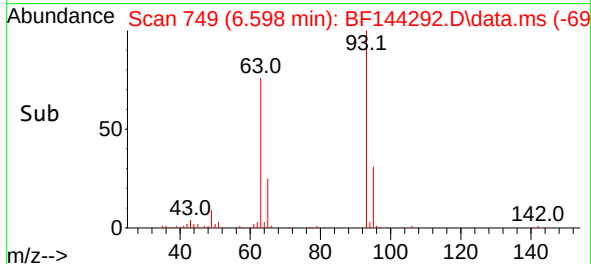
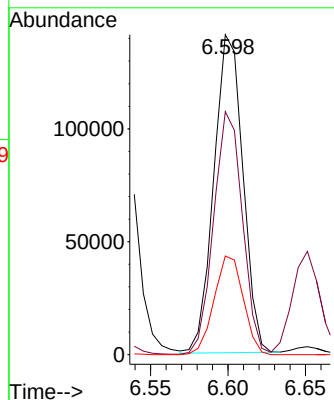
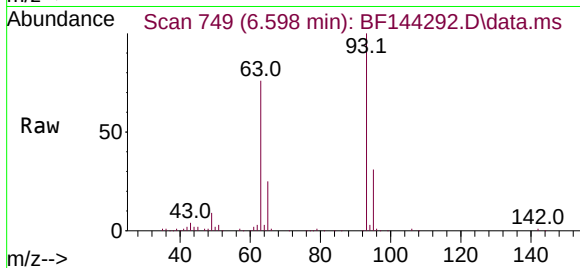
#11
bis(2-Chloroethyl)ether
Concen: 43.936 ng
RT: 6.598 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

Instrument :
BNA_F
ClientSampleId :
PB170631BS

Tgt Ion: 93 Resp: 183976
Ion Ratio Lower Upper
93 100
63 75.9 55.2 95.2
95 30.8 11.2 51.2

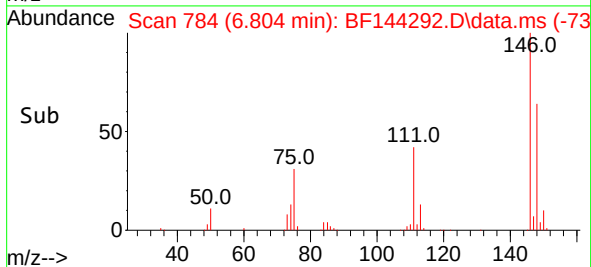
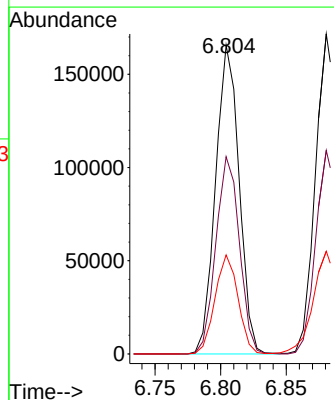
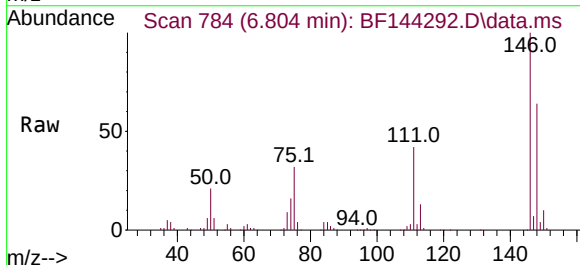
Manual Integrations
APPROVED

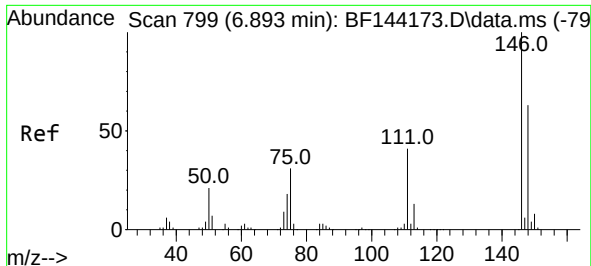
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#12
1,3-Dichlorobenzene
Concen: 41.171 ng
RT: 6.804 min Scan# 784
Delta R.T. -0.012 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

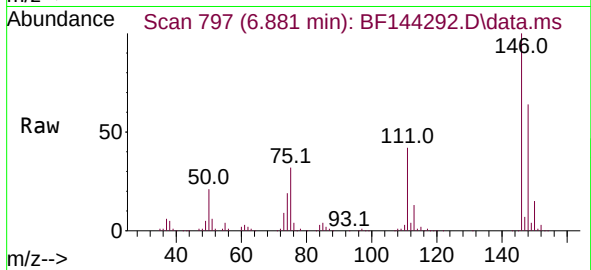
Tgt Ion:146 Resp: 206809
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.8
75 32.0 25.0 37.4





#13
1,4-Dichlorobenzene
Concen: 42.346 ng
RT: 6.881 min Scan# 799
Delta R.T. -0.012 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

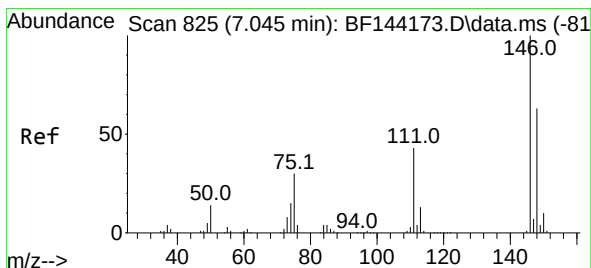
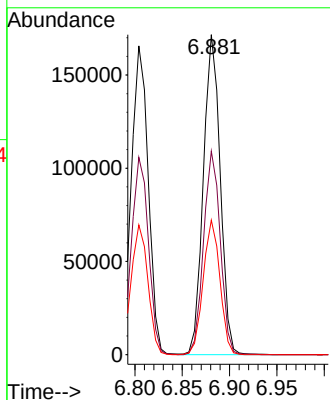
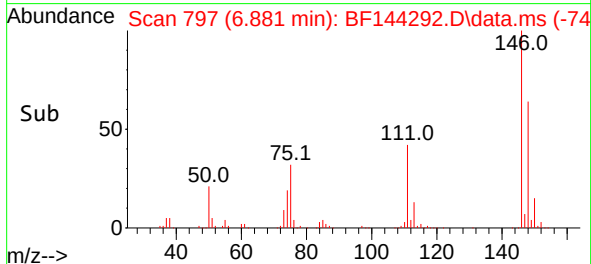
Instrument :
BNA_F
ClientSampleId :
PB170631BS



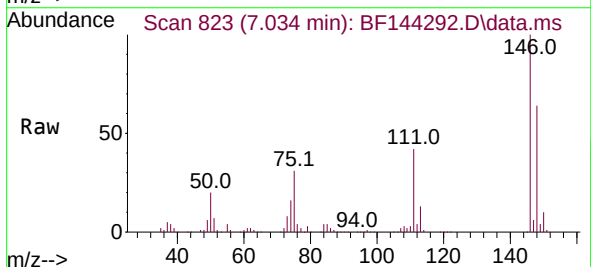
Tgt Ion:146 Resp: 213099
Ion Ratio Lower Upper
146 100
148 63.6 50.2 75.2
111 42.0 32.6 48.8

Manual Integrations
APPROVED

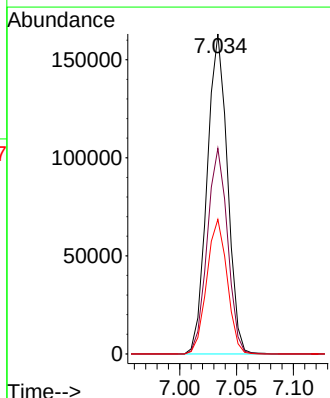
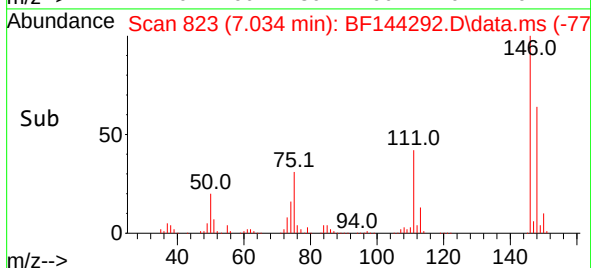
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

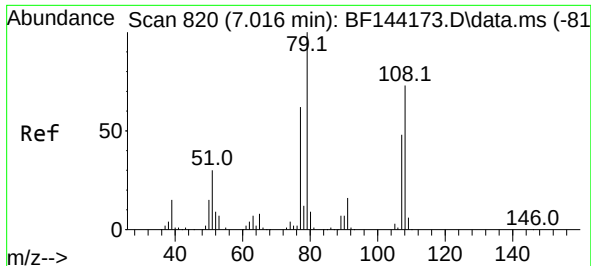


#14
1,2-Dichlorobenzene
Concen: 42.170 ng
RT: 7.034 min Scan# 823
Delta R.T. -0.012 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54



Tgt Ion:146 Resp: 203406
Ion Ratio Lower Upper
146 100
148 64.2 50.7 76.1
111 42.0 34.2 51.4





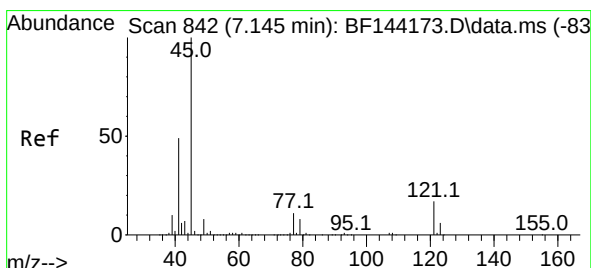
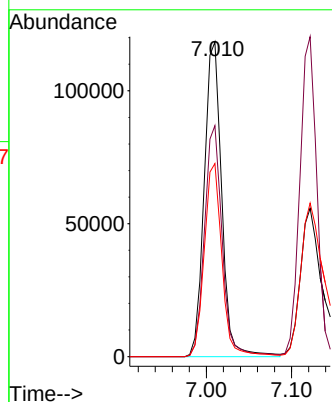
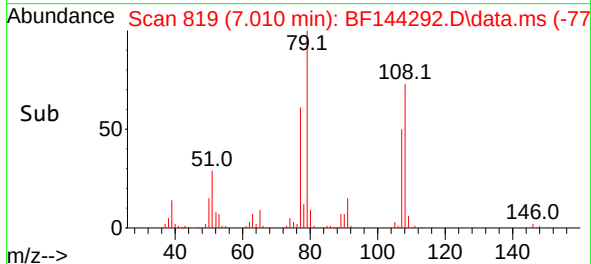
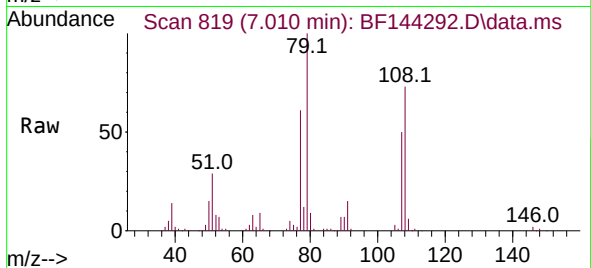
#15
Benzyl Alcohol
Concen: 45.328 ng
RT: 7.010 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

Instrument :
BNA_F
ClientSampleId :
PB170631BS

Tgt Ion: 79 Resp: 16881
Ion Ratio Lower Upper
79 100
108 73.4 58.2 87.4
77 61.4 49.9 74.9

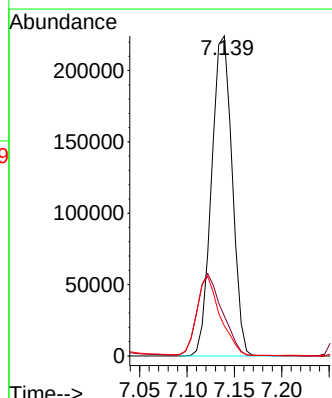
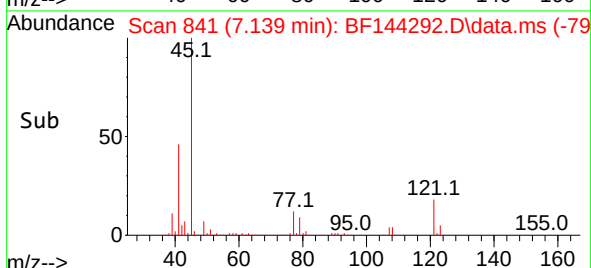
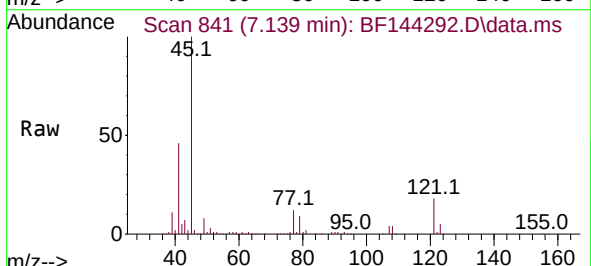
Manual Integrations
APPROVED

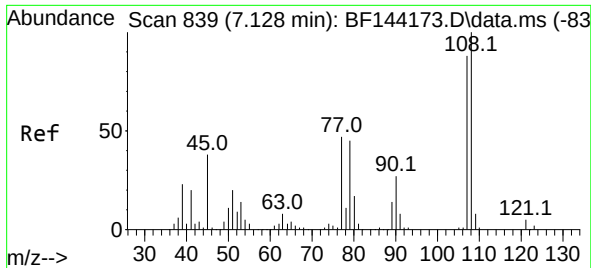
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.971 ng
RT: 7.139 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

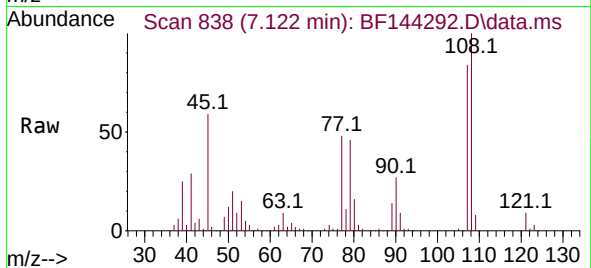
Tgt Ion: 45 Resp: 339051
Ion Ratio Lower Upper
45 100
77 12.4 0.0 31.8
79 9.4 0.0 29.1





#17
2-Methylphenol
Concen: 43.758 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

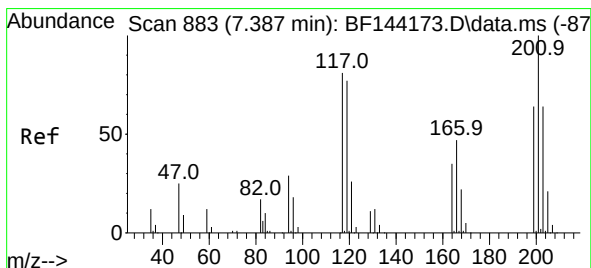
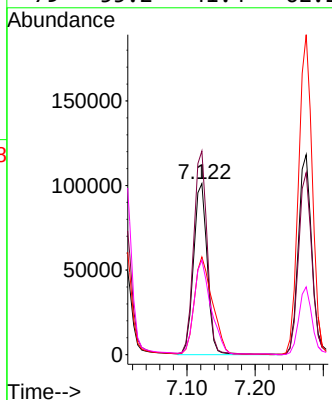
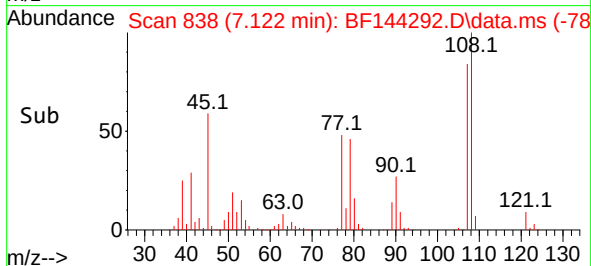
Instrument :
BNA_F
ClientSampleId :
PB170631BS



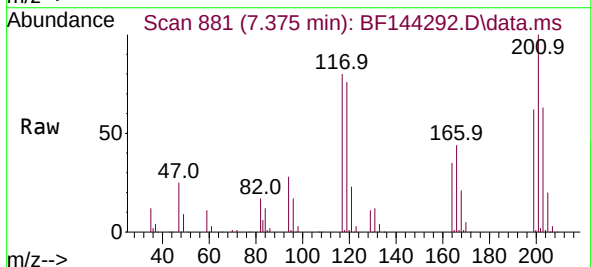
Tgt Ion:107 Resp: 141706
Ion Ratio Lower Upper
107 100
108 119.1 91.0 136.4
77 57.1 42.7 64.1
79 55.2 41.4 62.2

Manual Integrations
APPROVED

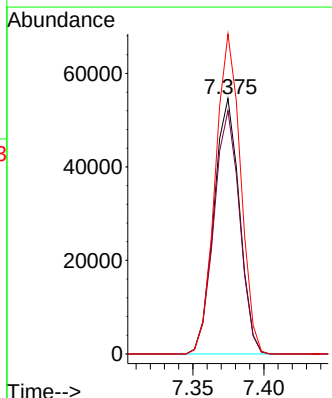
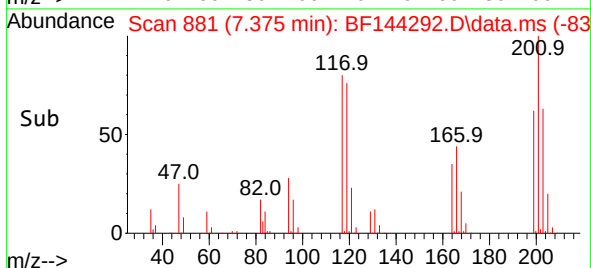
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

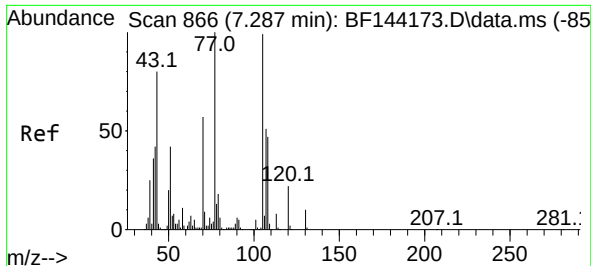


#18
Hexachloroethane
Concen: 40.972 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54



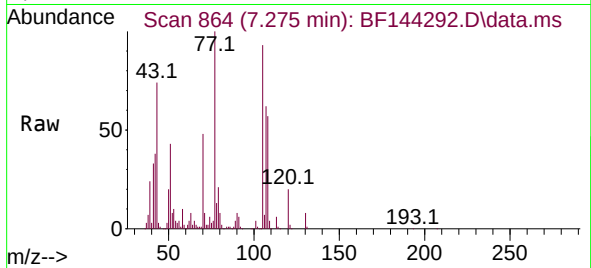
Tgt Ion:117 Resp: 68501
Ion Ratio Lower Upper
117 100
119 95.2 75.8 113.8
201 125.2 98.9 148.3





#19
n-Nitroso-di-n-propylamine
Concen: 42.125 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

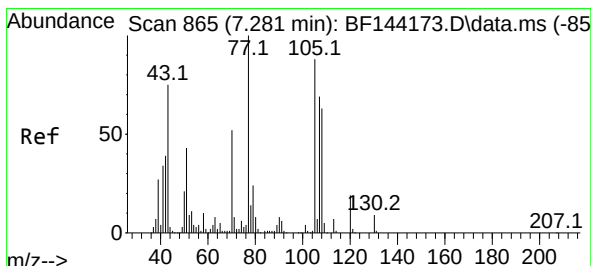
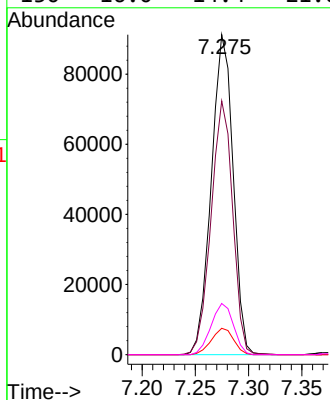
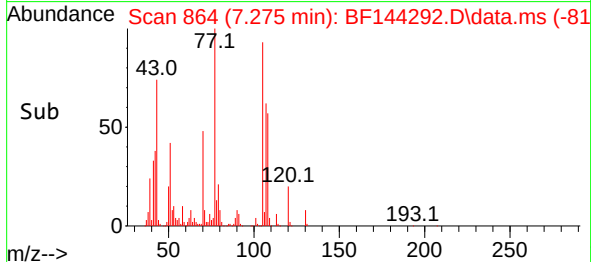
Instrument :
BNA_F
ClientSampleId :
PB170631BS



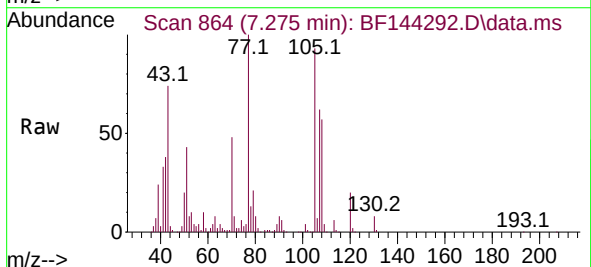
Tgt Ion: 70 Resp: 130426
Ion Ratio Lower Upper
70 100
42 79.3 58.3 87.5
101 8.2 7.0 10.6
130 16.0 14.4 21.6

Manual Integrations
APPROVED

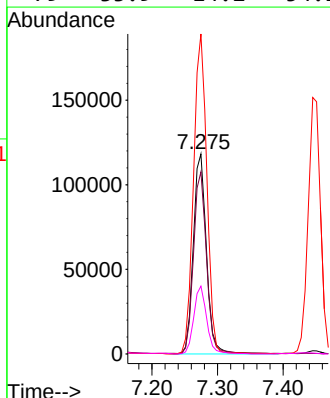
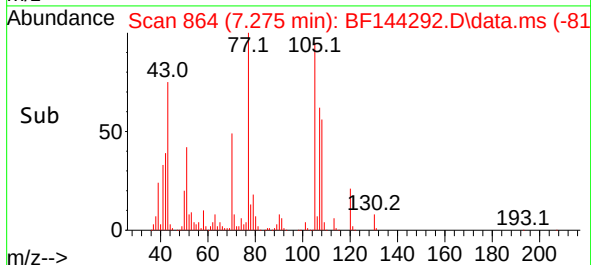
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

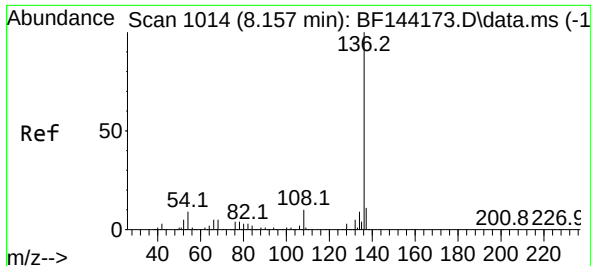


#20
3+4-Methylphenols
Concen: 42.960 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54



Tgt Ion:107 Resp: 164001
Ion Ratio Lower Upper
107 100
108 91.1 70.2 110.2
77 160.1 123.9 163.9
79 33.9 14.2 54.2





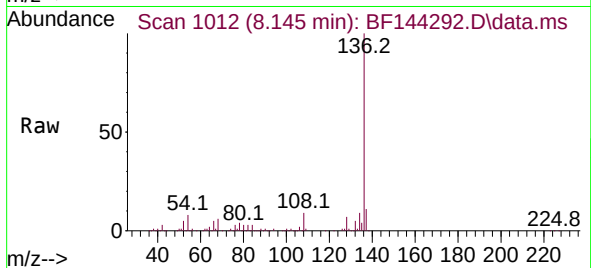
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB170631BS

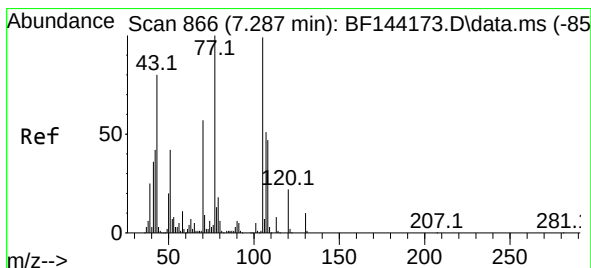
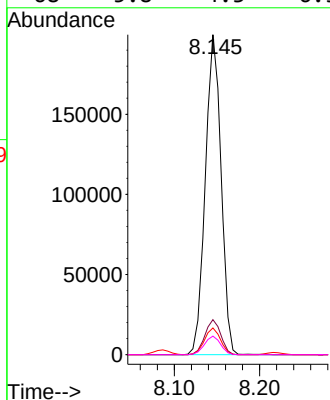
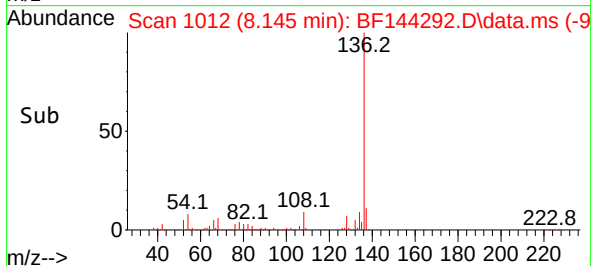


Tgt Ion:136 Resp: 256491
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.3 7.0 10.6
68 5.8 4.3 6.5

Manual Integrations

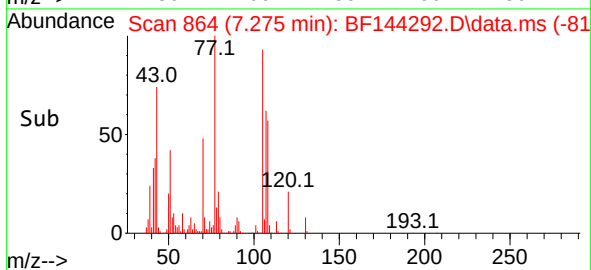
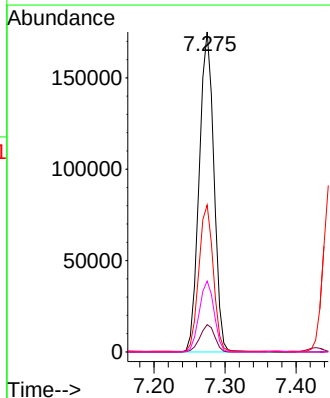
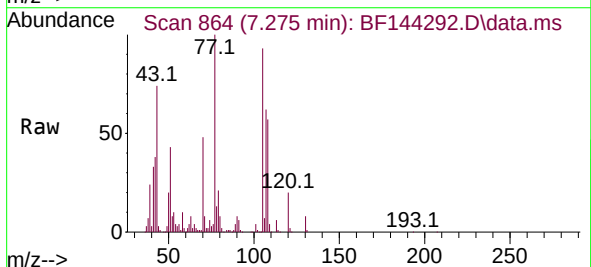
APPROVED

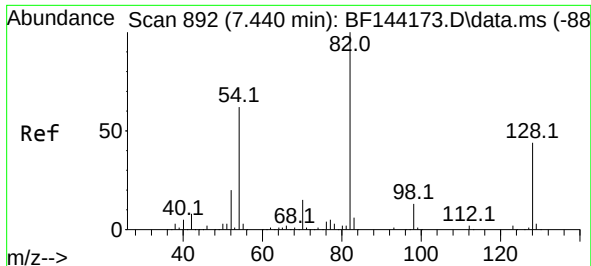
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#22
Acetophenone
Concen: 45.576 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

Tgt Ion:105 Resp: 250774
Ion Ratio Lower Upper
105 100
71 8.5 7.2 10.8
51 45.9 34.0 51.0
120 22.1 17.8 26.6





#23

Nitrobenzene-d5

Concen: 79.024 ng

RT: 7.428 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF144292.D

Acq: 20 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

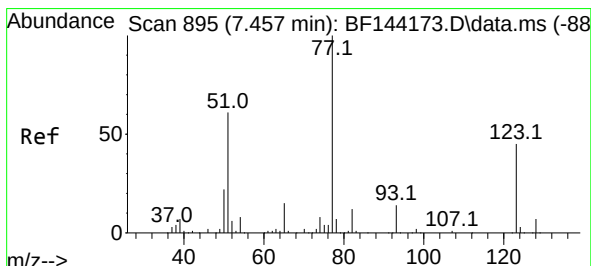
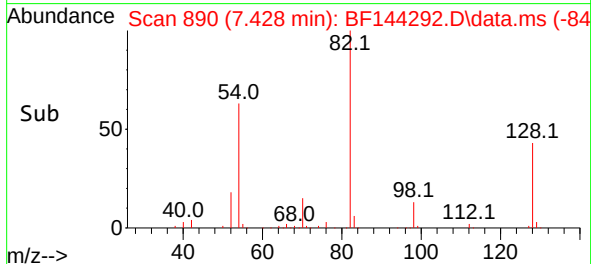
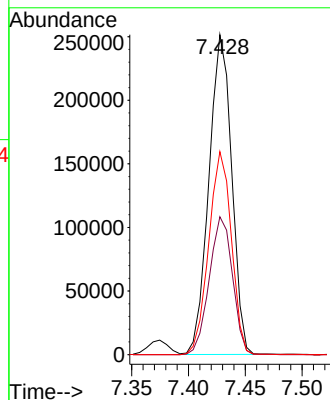
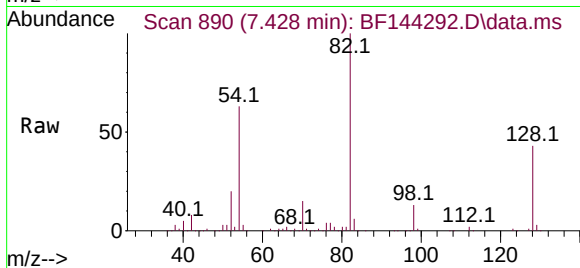
PB170631BS

Tgt Ion: 82 Resp: 350945
 Ion Ratio Lower Upper
 82 100
 128 43.1 34.7 52.1
 54 63.4 49.5 74.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/21/2025
 Supervised By :mohammad ahmed 11/22/2025



#24

Nitrobenzene

Concen: 41.305 ng

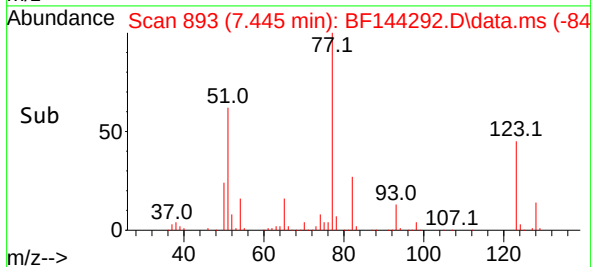
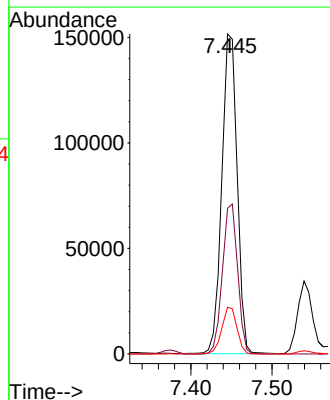
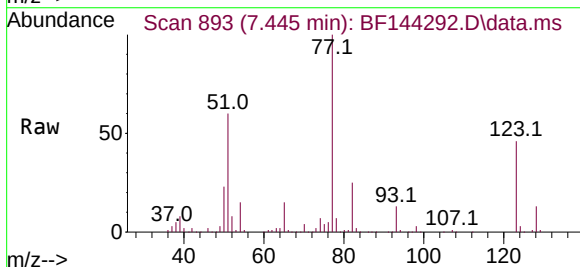
RT: 7.445 min Scan# 893

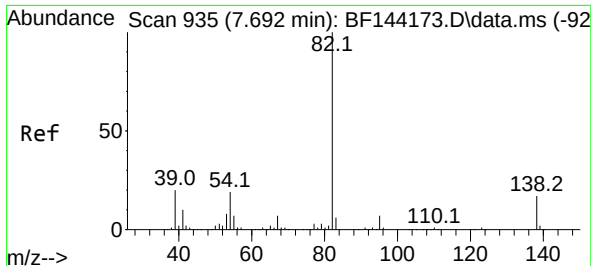
Delta R.T. -0.006 min

Lab File: BF144292.D

Acq: 20 Nov 2025 13:54

Tgt Ion: 77 Resp: 199168
 Ion Ratio Lower Upper
 77 100
 123 45.5 35.8 53.8
 65 14.6 12.2 18.2





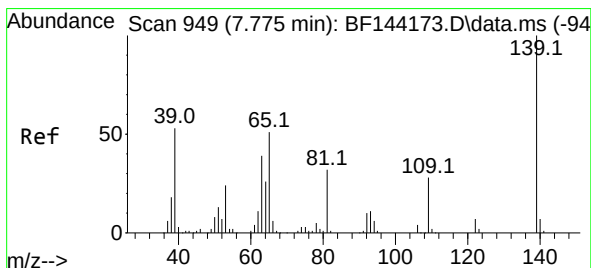
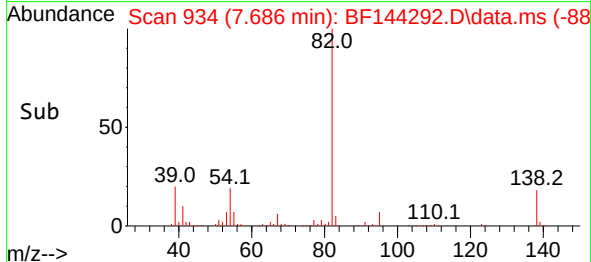
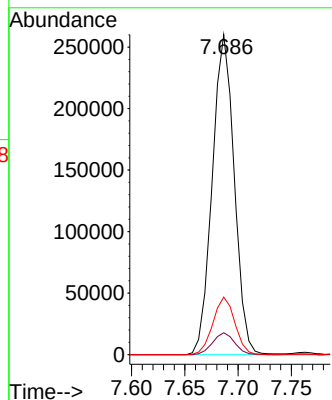
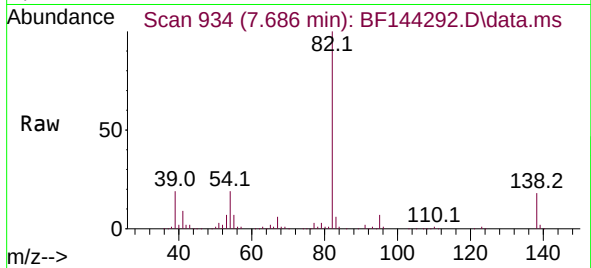
#25
Isophorone
Concen: 44.500 ng
RT: 7.686 min Scan# 935
Delta R.T. -0.000 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

Instrument :
BNA_F
Client Sample Id :
PB170631BS

Tgt Ion: 82 Resp: 373814
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 18.0 13.7 20.5

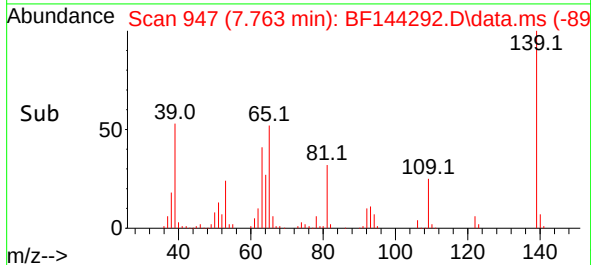
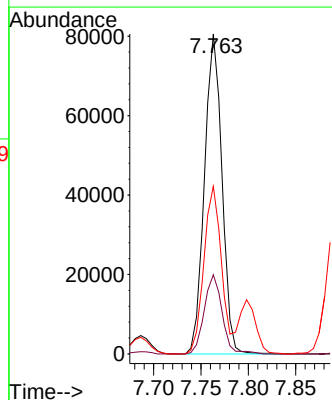
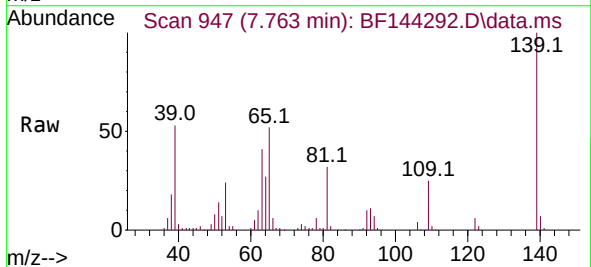
Manual Integrations
APPROVED

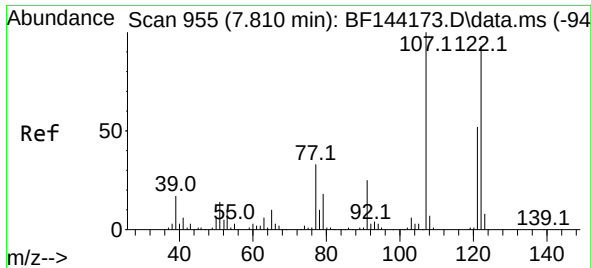
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#26
2-Nitrophenol
Concen: 43.413 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.012 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

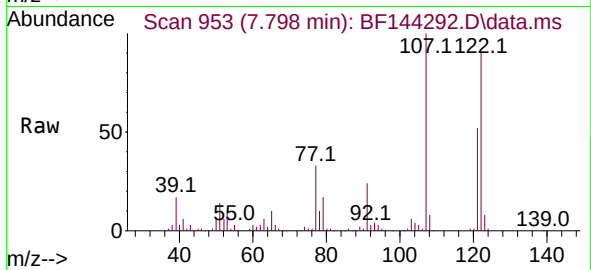
Tgt Ion:139 Resp: 103624
Ion Ratio Lower Upper
139 100
109 24.7 22.2 33.2
65 52.4 40.7 61.1





#27
2,4-Dimethylphenol
Concen: 47.200 ng
RT: 7.798 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

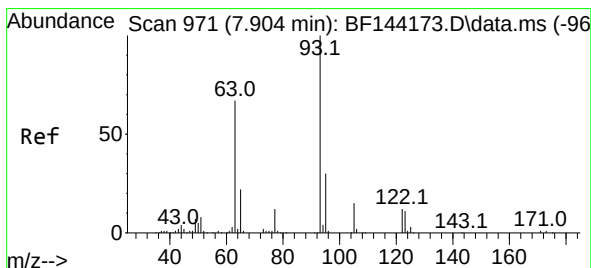
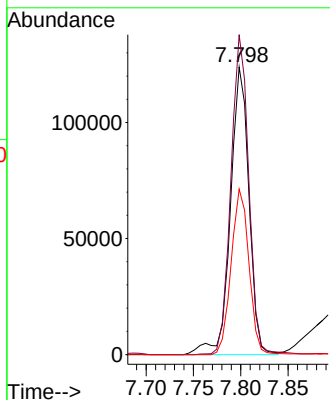
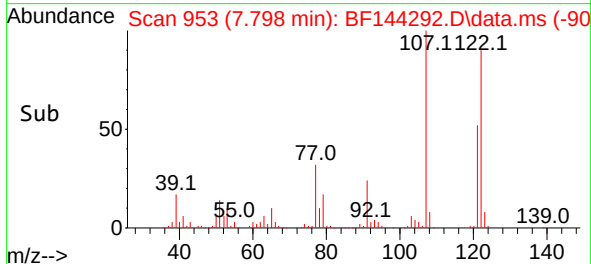
Instrument :
BNA_F
ClientSampleId :
PB170631BS



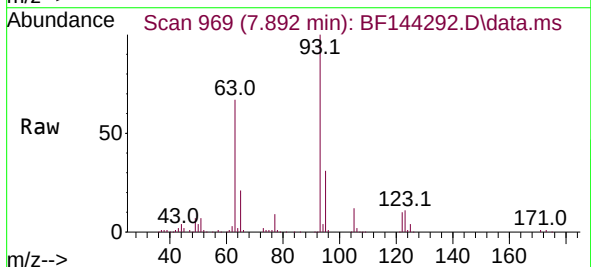
Tgt Ion:122 Resp: 168863
Ion Ratio Lower Upper
122 100
107 111.3 86.2 129.4
121 57.5 44.6 66.8

Manual Integrations
APPROVED

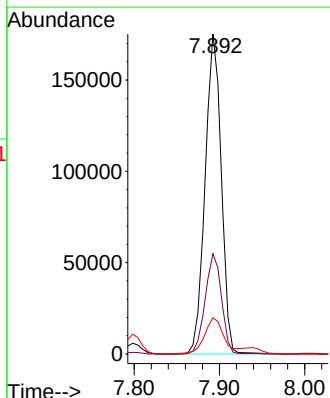
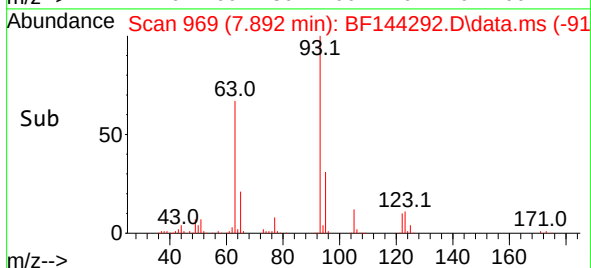
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

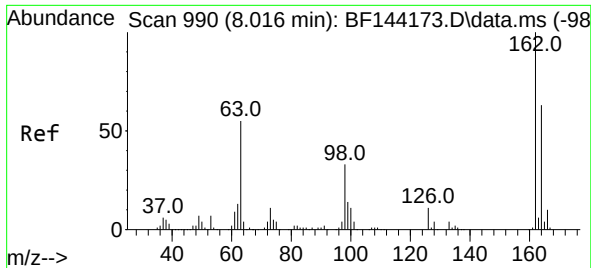


#28
bis(2-Chloroethoxy)methane
Concen: 43.919 ng
RT: 7.892 min Scan# 969
Delta R.T. -0.006 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54



Tgt Ion: 93 Resp: 230384
Ion Ratio Lower Upper
93 100
95 31.3 24.2 36.4
123 11.3 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 42.367 ng

RT: 8.004 min Scan# 98

Delta R.T. -0.012 min

Lab File: BF144292.D

Acq: 20 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

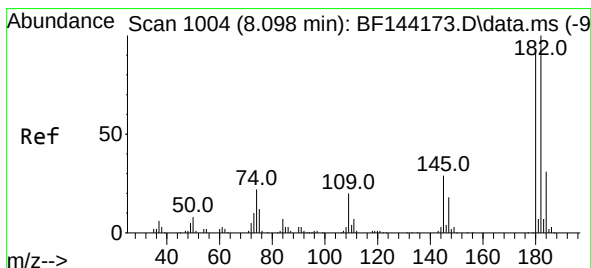
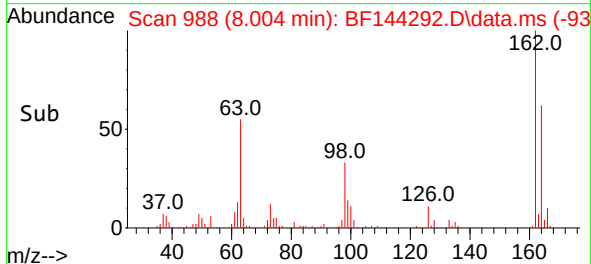
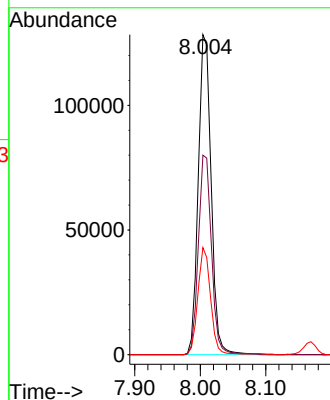
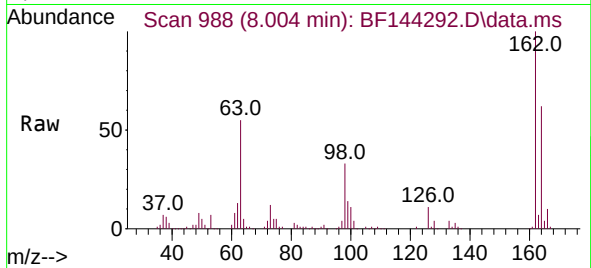
PB170631BS

Tgt Ion:162	Resp: 174696
Ion Ratio	Lower Upper
162 100	
164 62.4	42.9 82.9
98 33.4	13.3 53.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#30

1,2,4-Trichlorobenzene

Concen: 42.376 ng

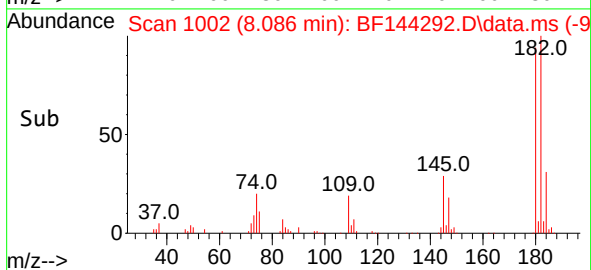
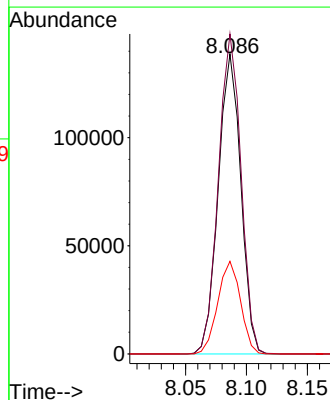
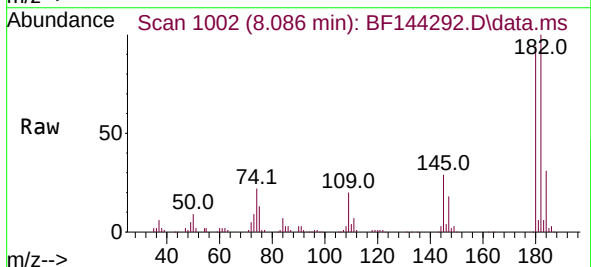
RT: 8.086 min Scan# 1002

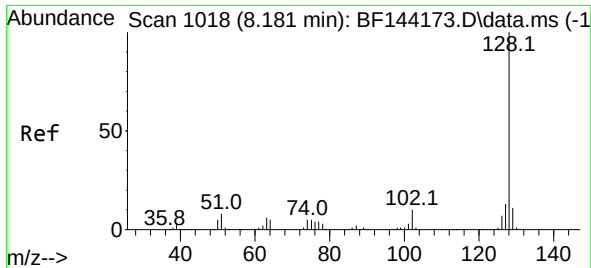
Delta R.T. -0.012 min

Lab File: BF144292.D

Acq: 20 Nov 2025 13:54

Tgt Ion:180	Resp: 179426
Ion Ratio	Lower Upper
180 100	
182 106.7	87.7 131.5
145 30.9	25.4 38.0





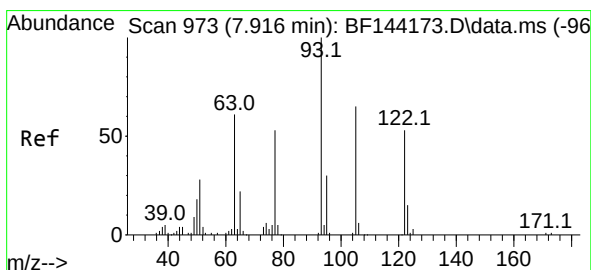
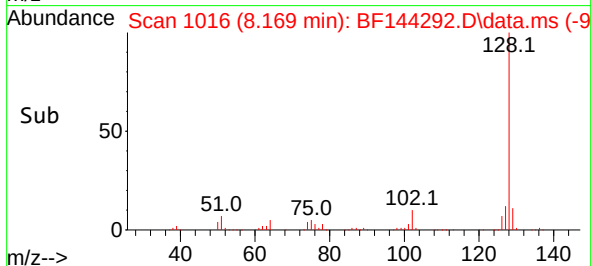
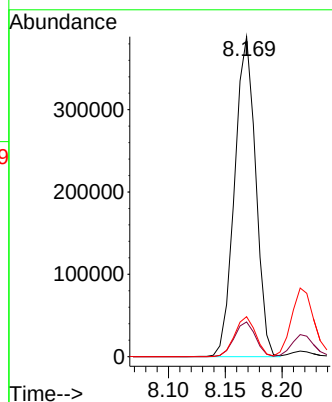
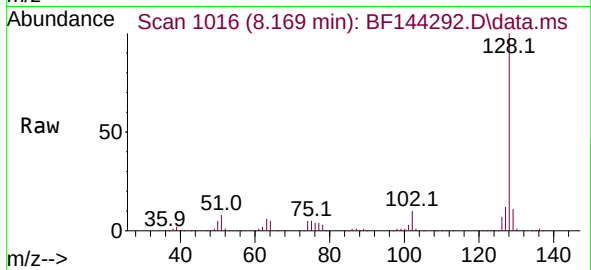
#31
Naphthalene
Concen: 41.036 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

Instrument :
BNA_F
ClientSampleId :
PB170631BS

Tgt Ion:128 Resp: 500681
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 12.5 10.3 15.5

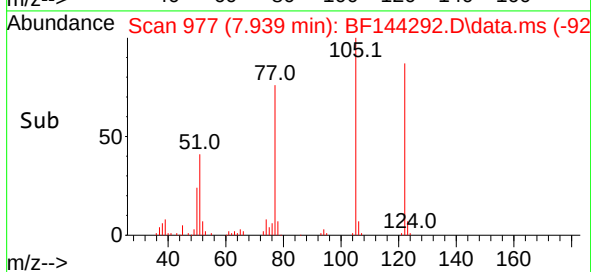
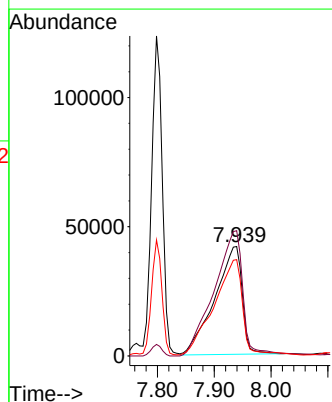
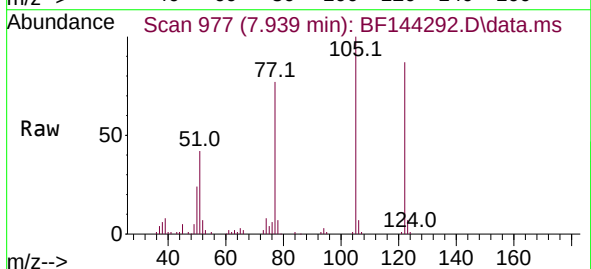
Manual Integrations
APPROVED

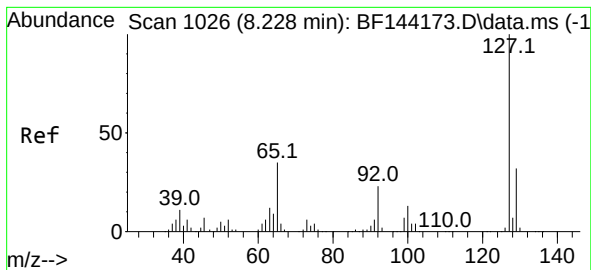
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#32
Benzoic acid
Concen: 53.531 ng
RT: 7.939 min Scan# 977
Delta R.T. -0.012 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

Tgt Ion:122 Resp: 140381
Ion Ratio Lower Upper
122 100
105 114.5 99.9 139.9
77 88.0 77.5 117.5





#33
4-Chloroaniline
Concen: 26.377 ng
RT: 8.216 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

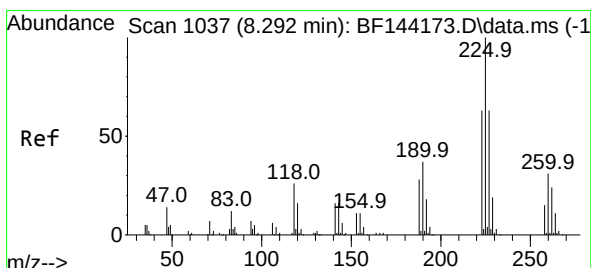
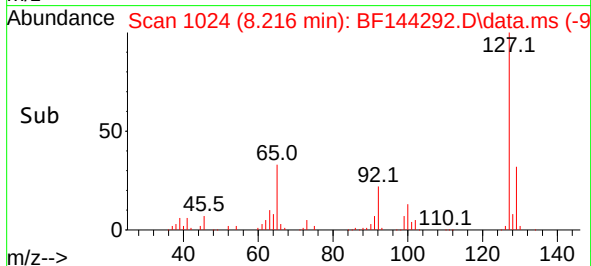
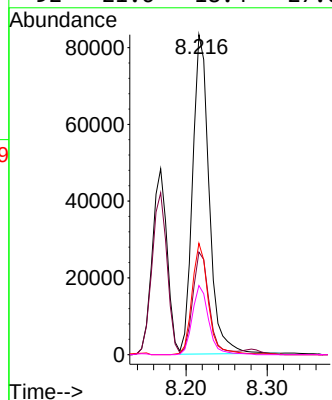
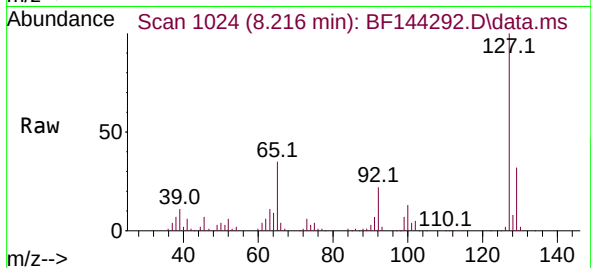
PB170631BS

Tgt Ion:127 Resp: 117376
Ion Ratio Lower Upper
127 100
129 32.1 25.3 37.9
65 34.8 27.6 41.4
92 21.6 18.4 27.6

Manual Integrations

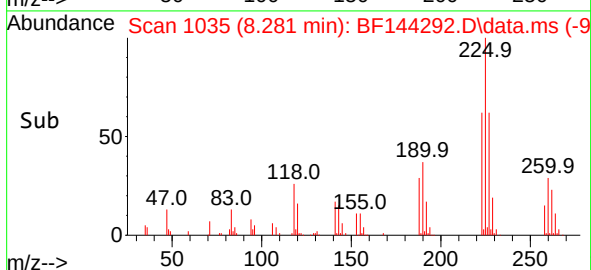
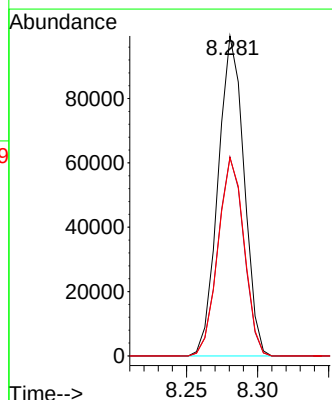
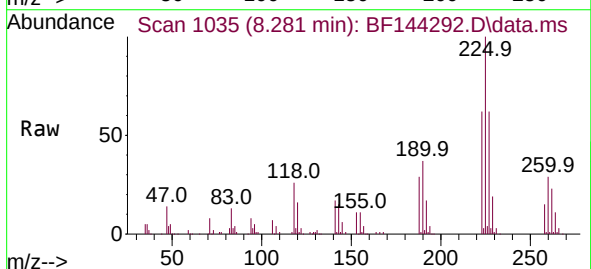
APPROVED

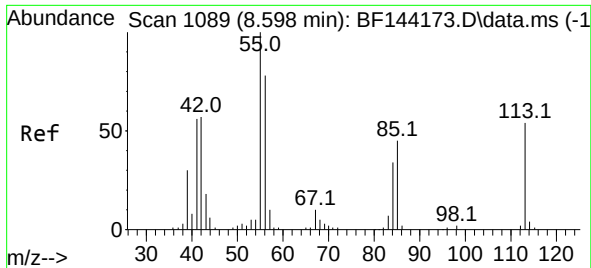
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#34
Hexachlorobutadiene
Concen: 39.600 ng
RT: 8.281 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

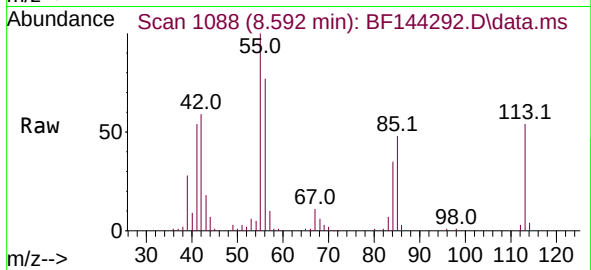
Tgt Ion:225 Resp: 126366
Ion Ratio Lower Upper
225 100
223 62.1 50.2 75.4
227 61.9 50.1 75.1





#35
 Caprolactam
 Concen: 48.464 ng m
 RT: 8.592 min Scan# 1088
 Delta R.T. -0.029 min
 Lab File: BF144292.D
 Acq: 20 Nov 2025 13:54

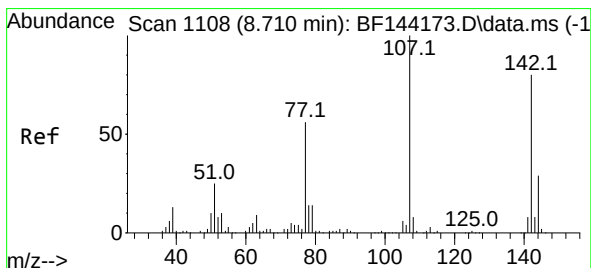
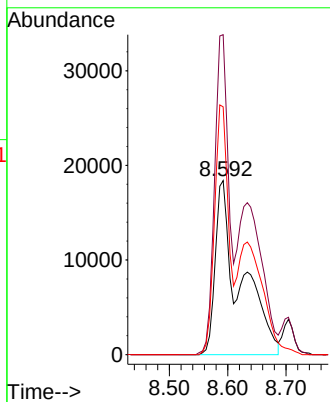
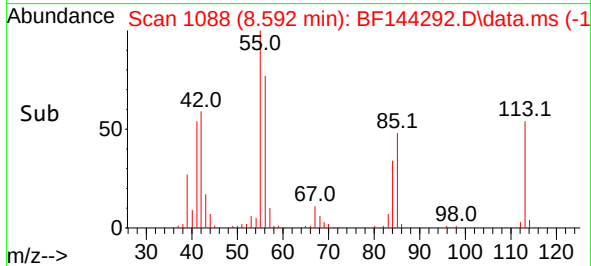
Instrument :
 BNA_F
 ClientSampleId :
 PB170631BS



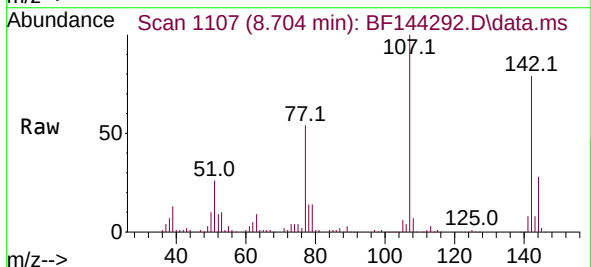
Tgt Ion:113 Resp: 54749
 Ion Ratio Lower Upper
 113 100
 55 183.8 166.8 206.8
 56 142.3 125.9 165.9

Manual Integrations
 APPROVED

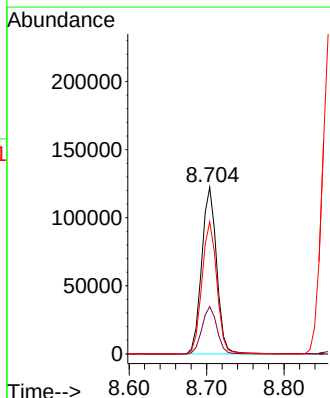
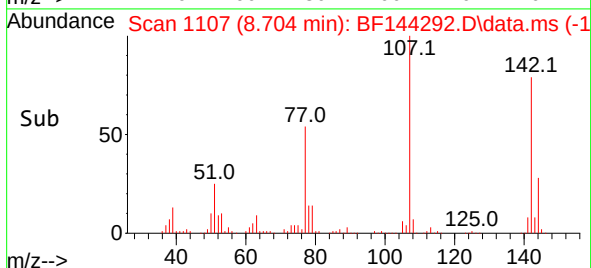
Reviewed By :Jagrut Upadhyay 11/21/2025
 Supervised By :mohammad ahmed 11/22/2025

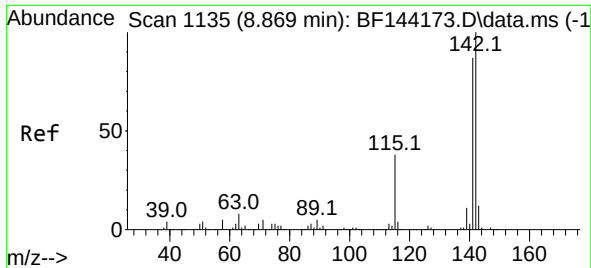


#36
 4-Chloro-3-methylphenol
 Concen: 44.423 ng
 RT: 8.704 min Scan# 1107
 Delta R.T. -0.000 min
 Lab File: BF144292.D
 Acq: 20 Nov 2025 13:54



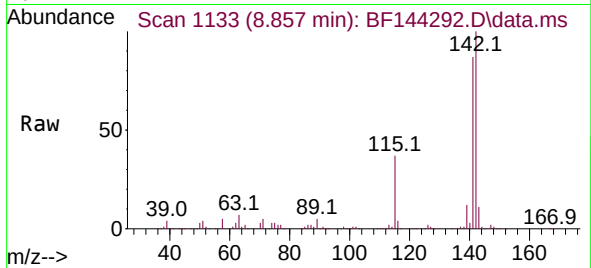
Tgt Ion:107 Resp: 164164
 Ion Ratio Lower Upper
 107 100
 144 28.4 23.3 34.9
 142 79.3 63.8 95.6





#37
2-Methylnaphthalene
Concen: 38.817 ng
RT: 8.857 min Scan# 1113
Delta R.T. -0.012 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

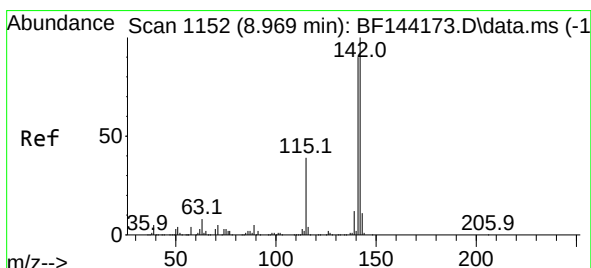
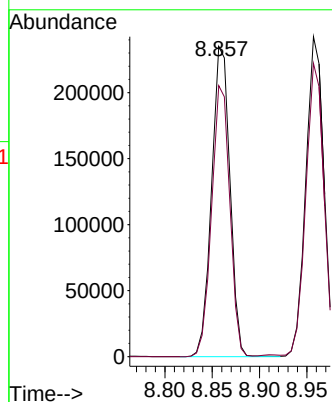
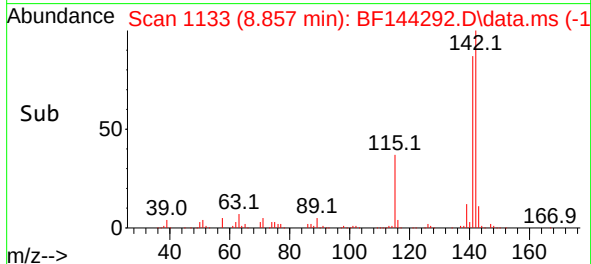
Instrument :
BNA_F
ClientSampleId :
PB170631BS



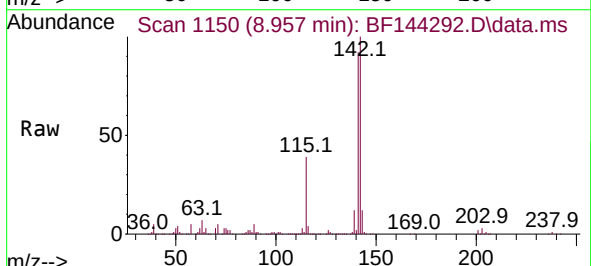
Tgt Ion:142 Resp: 31664
Ion Ratio Lower Upper
142 100
141 87.4 69.9 104.9

Manual Integrations
APPROVED

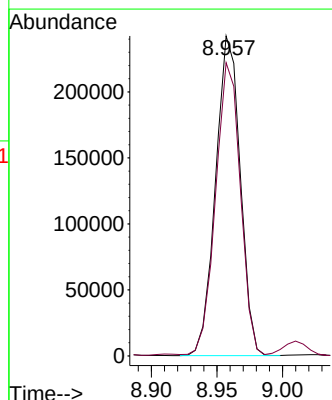
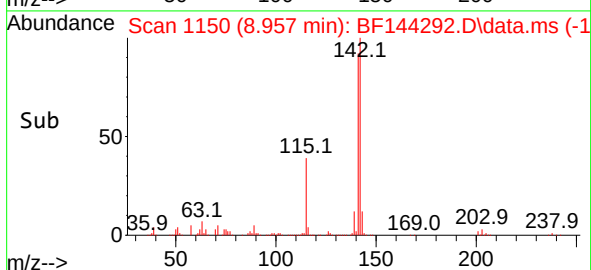
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

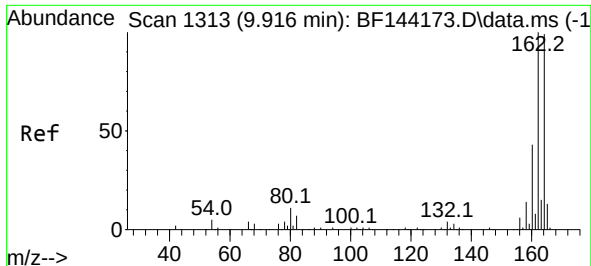


#38
1-Methylnaphthalene
Concen: 40.360 ng
RT: 8.957 min Scan# 1150
Delta R.T. -0.012 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54



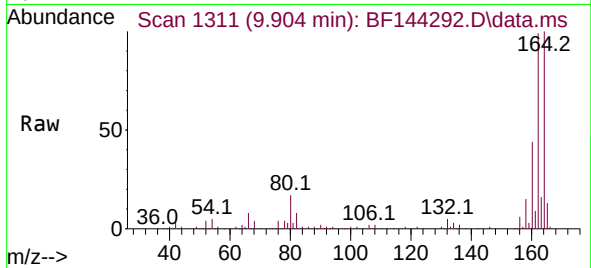
Tgt Ion:142 Resp: 317678
Ion Ratio Lower Upper
142 100
141 91.6 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1313
Delta R.T. -0.012 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

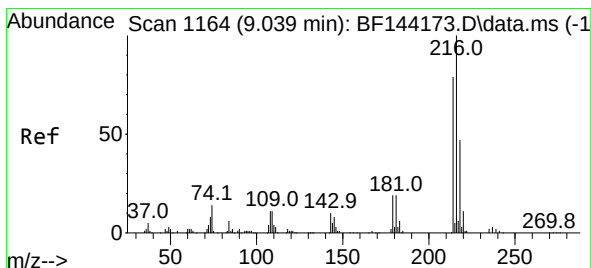
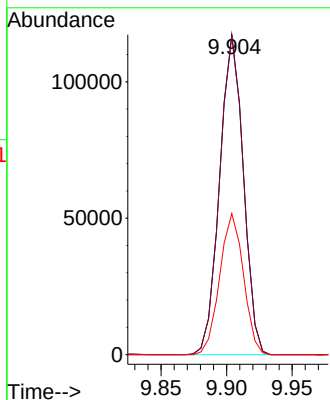
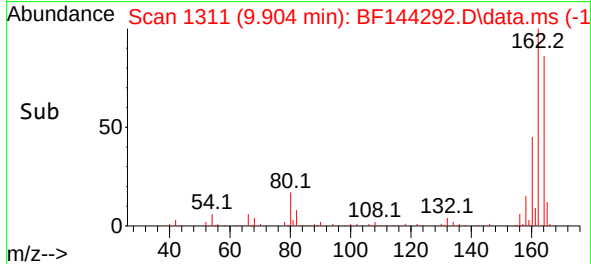
Instrument :
BNA_F
ClientSampleId :
PB170631BS



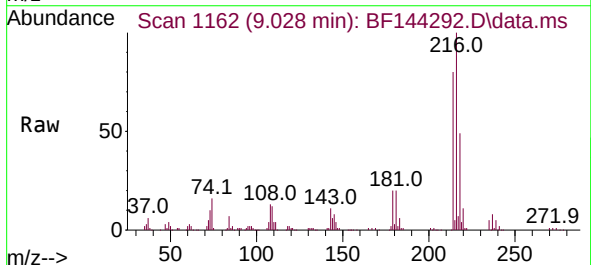
Tgt Ion:164 Resp: 147675
Ion Ratio Lower Upper
164 100
162 99.4 81.1 121.7
160 44.1 34.5 51.7

Manual Integrations
APPROVED

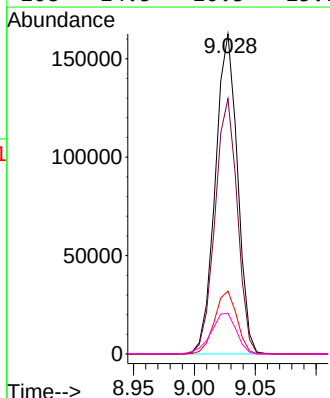
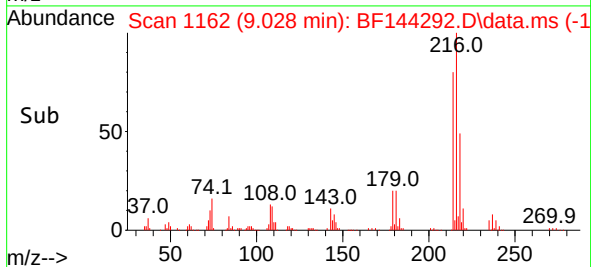
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

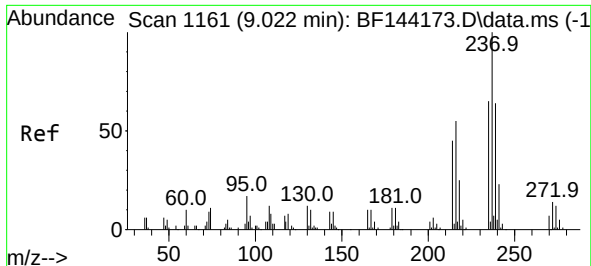


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.619 ng
RT: 9.028 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54



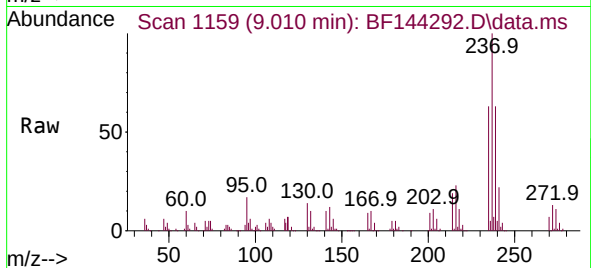
Tgt Ion:216 Resp: 206268
Ion Ratio Lower Upper
216 100
214 80.0 63.4 95.2
179 19.7 15.0 22.4
108 14.5 10.5 15.7





#41
Hexachlorocyclopentadiene
Concen: 75.578 ng
RT: 9.010 min Scan# 1159
Delta R.T. -0.018 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

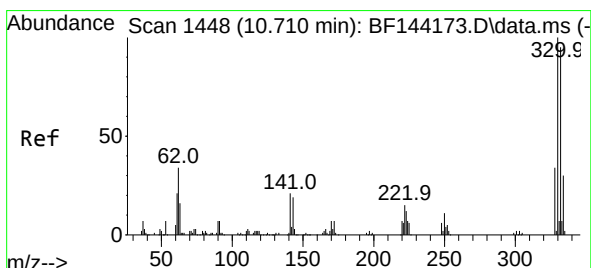
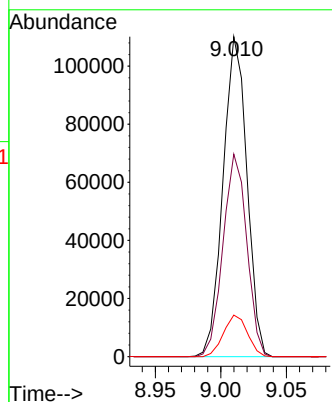
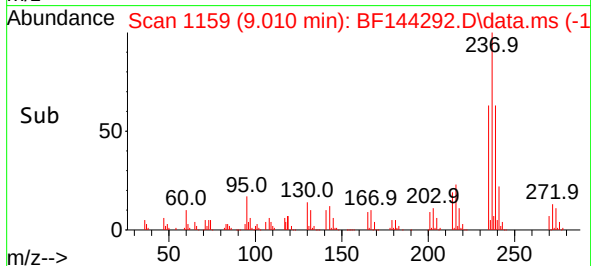
Instrument :
BNA_F
ClientSampleId :
PB170631BS



Tgt Ion:237 Resp: 139695
Ion Ratio Lower Upper
237 100
235 63.3 45.5 85.5
272 13.0 0.0 33.5

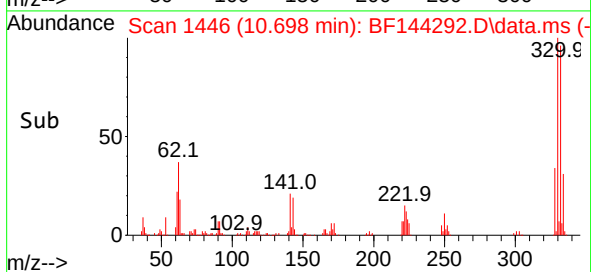
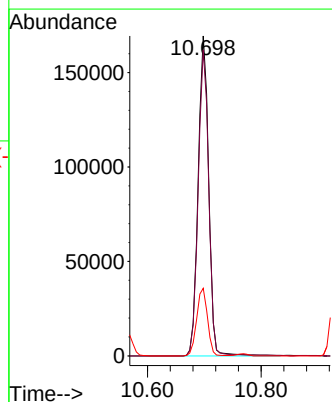
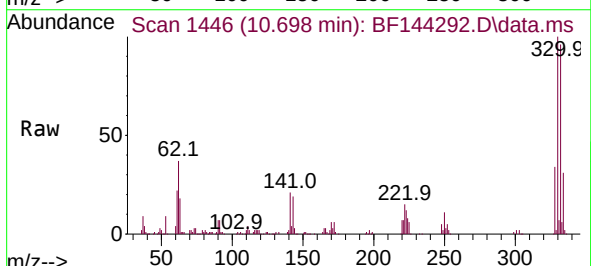
Manual Integrations
APPROVED

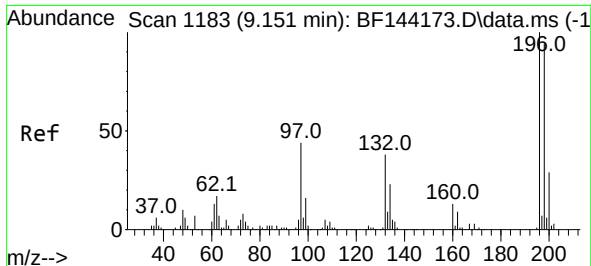
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#42
2,4,6-Tribromophenol
Concen: 117.443 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

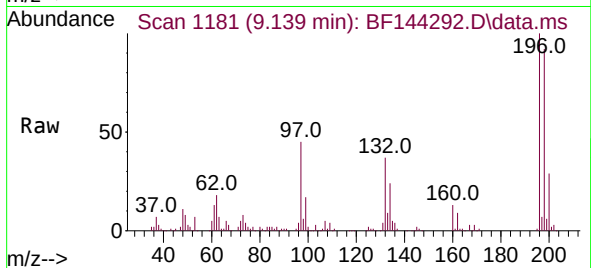
Tgt Ion:330 Resp: 217640
Ion Ratio Lower Upper
330 100
332 95.8 76.7 115.1
141 21.7 17.8 26.8





#43
2,4,6-Trichlorophenol
Concen: 42.013 ng
RT: 9.139 min Scan# 1181
Delta R.T. -0.012 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

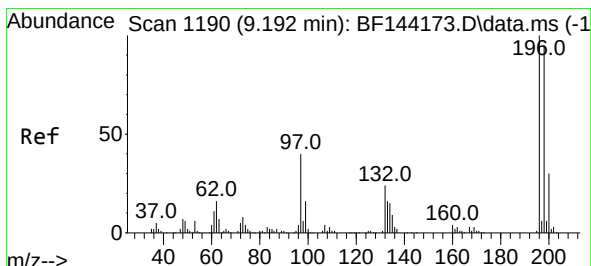
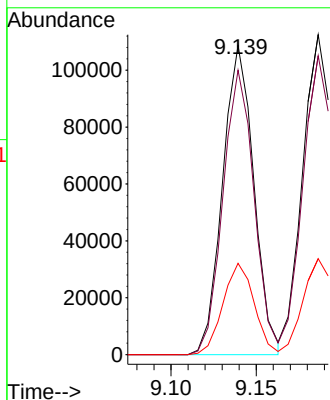
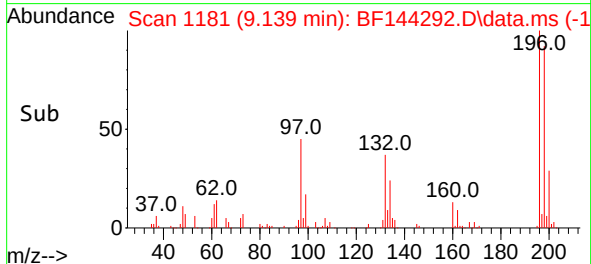
Instrument :
BNA_F
ClientSampleId :
PB170631BS



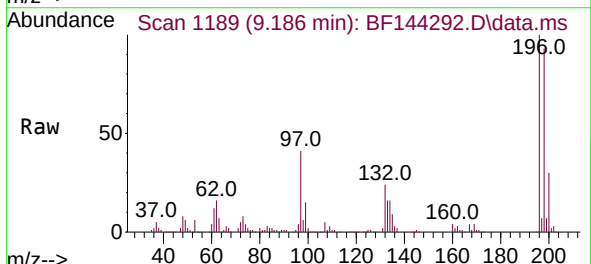
Tgt Ion:196 Resp: 138394
Ion Ratio Lower Upper
196 100
198 91.9 75.3 112.9
200 29.5 23.4 35.2

Manual Integrations
APPROVED

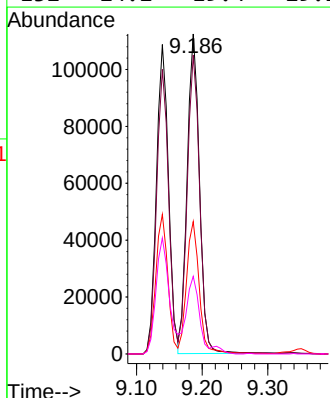
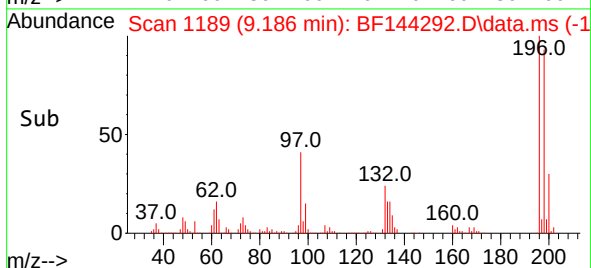
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

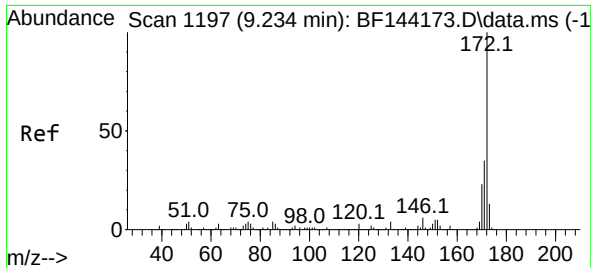


#44
2,4,5-Trichlorophenol
Concen: 41.542 ng
RT: 9.186 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54



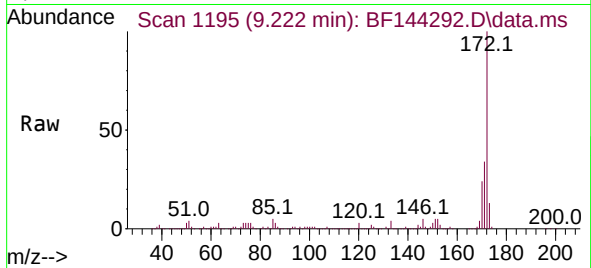
Tgt Ion:196 Resp: 147482
Ion Ratio Lower Upper
196 100
198 93.4 76.1 114.1
97 41.3 31.9 47.9
132 24.2 19.4 29.2





#45
2-Fluorobiphenyl
Concen: 75.945 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

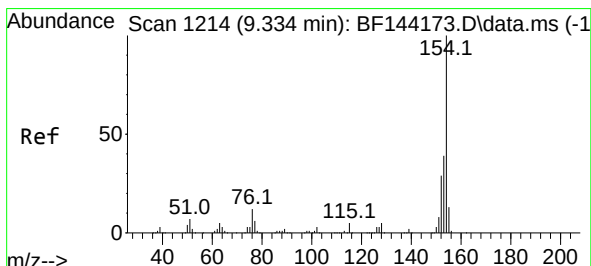
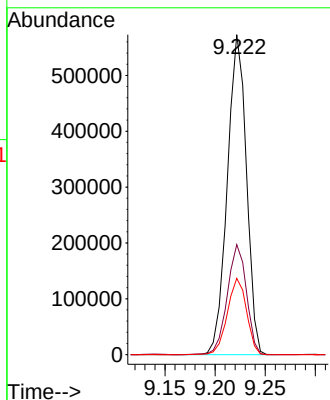
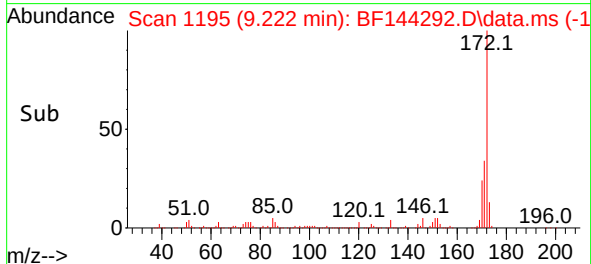
Instrument :
BNA_F
ClientSampleId :
PB170631BS



Tgt Ion:172 Resp: 759358
Ion Ratio Lower Upper
172 100
171 34.4 28.1 42.1
170 23.8 18.6 28.0

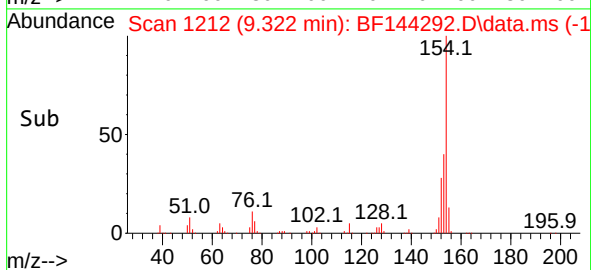
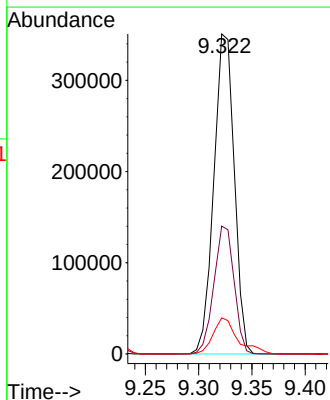
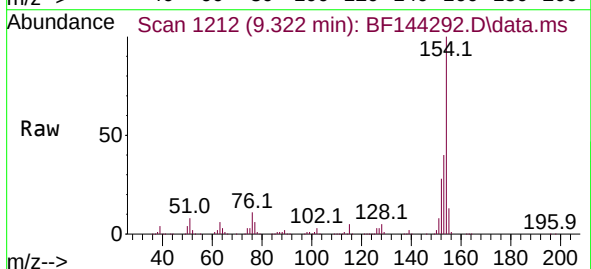
Manual Integrations
APPROVED

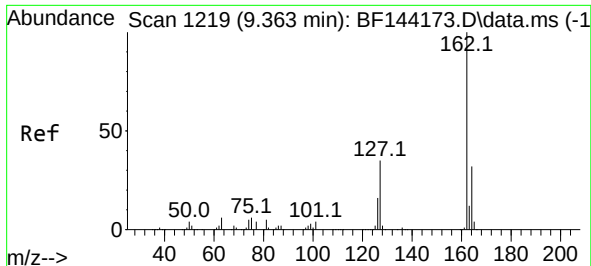
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#46
1,1'-Biphenyl
Concen: 45.482 ng
RT: 9.322 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

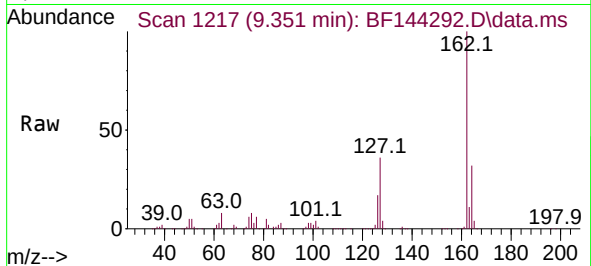
Tgt Ion:154 Resp: 468833
Ion Ratio Lower Upper
154 100
153 39.9 19.2 59.2
76 11.3 0.0 31.8





#47
2-Chloronaphthalene
Concen: 40.543 ng
RT: 9.351 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

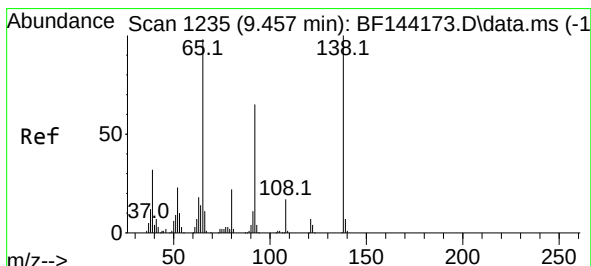
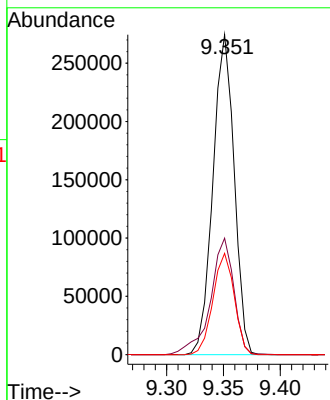
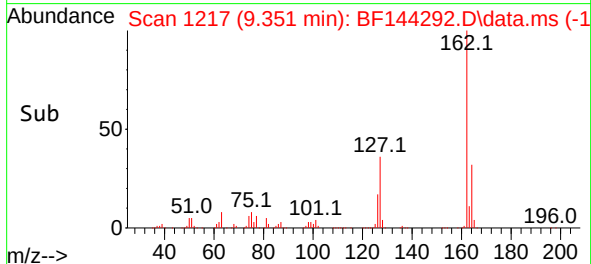
Instrument :
BNA_F
ClientSampleId :
PB170631BS



Tgt Ion:162 Resp: 356498
Ion Ratio Lower Upper
162 100
127 36.4 28.8 43.2
164 31.6 25.8 38.8

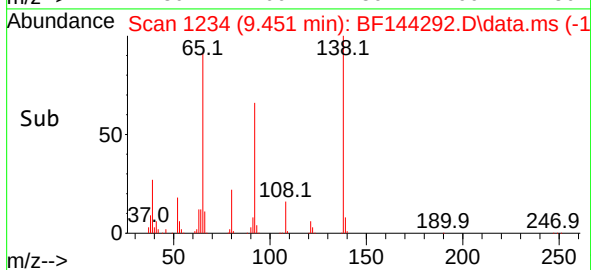
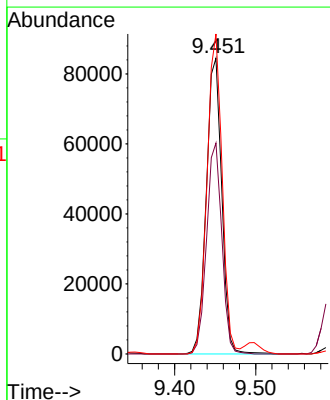
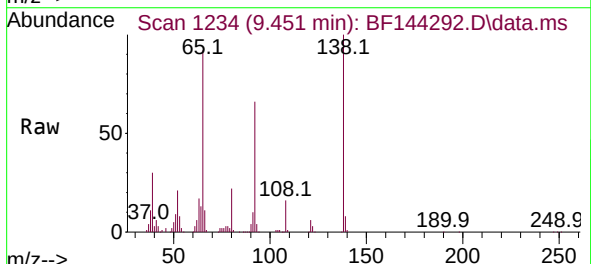
Manual Integrations
APPROVED

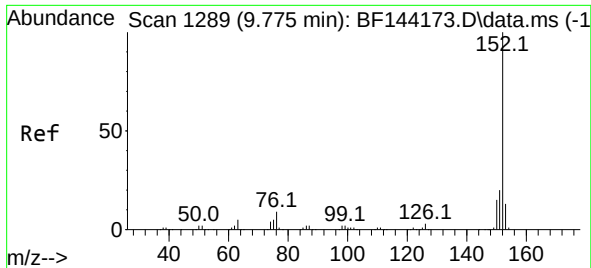
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#48
2-Nitroaniline
Concen: 44.061 ng
RT: 9.451 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

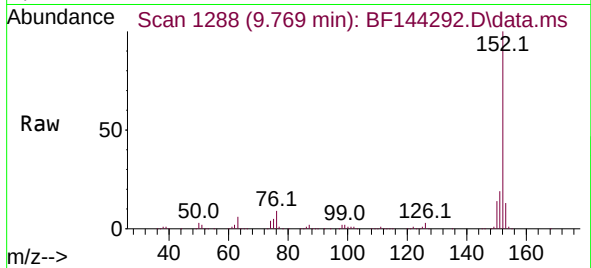
Tgt Ion: 65 Resp: 111786
Ion Ratio Lower Upper
65 100
92 71.3 53.0 79.6
138 108.2 81.6 122.4





#49
Acenaphthylene
Concen: 45.786 ng
RT: 9.769 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

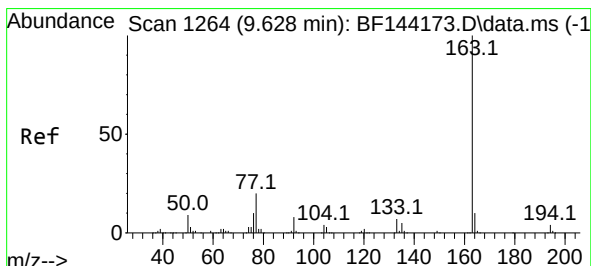
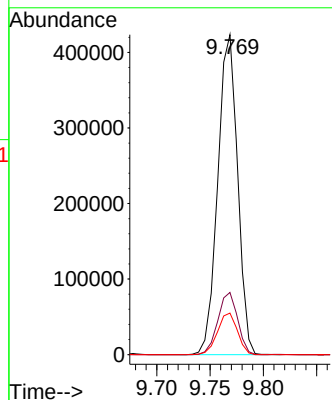
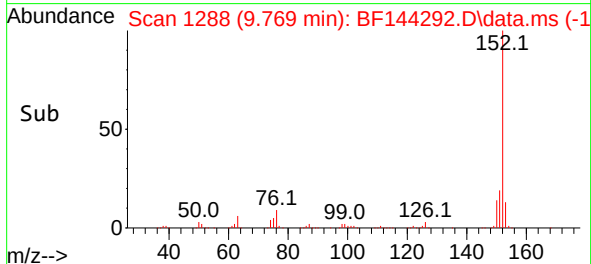
Instrument :
BNA_F
ClientSampleId :
PB170631BS



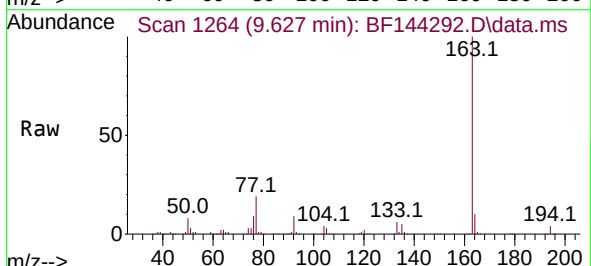
Tgt Ion:152 Resp: 548624
Ion Ratio Lower Upper
152 100
151 19.4 15.9 23.9
153 13.0 10.5 15.7

Manual Integrations
APPROVED

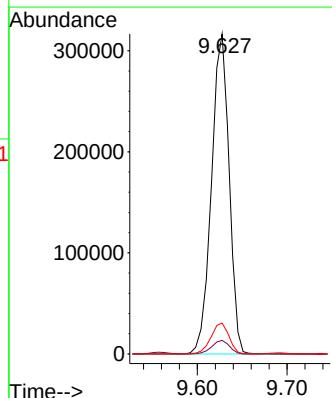
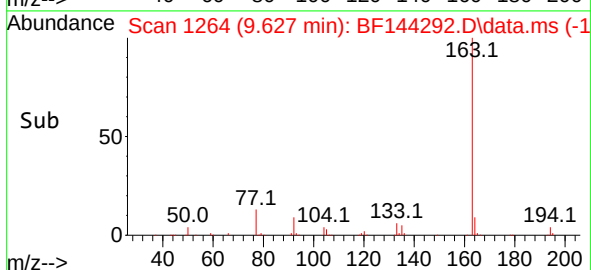
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

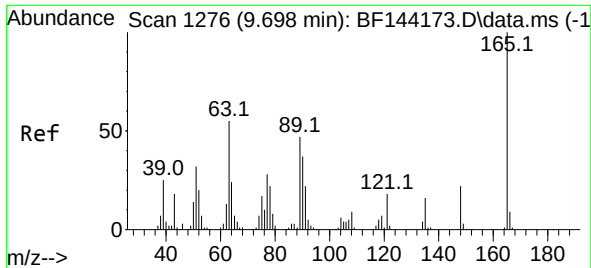


#50
Dimethylphthalate
Concen: 44.144 ng
RT: 9.627 min Scan# 1264
Delta R.T. -0.000 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54



Tgt Ion:163 Resp: 431866
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.6 8.1 12.1





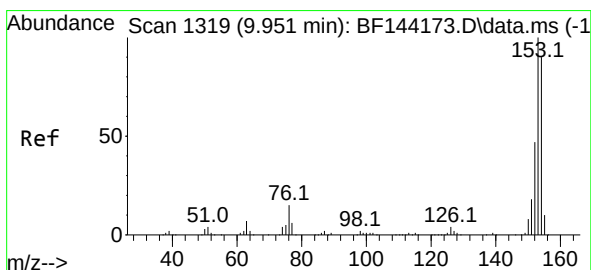
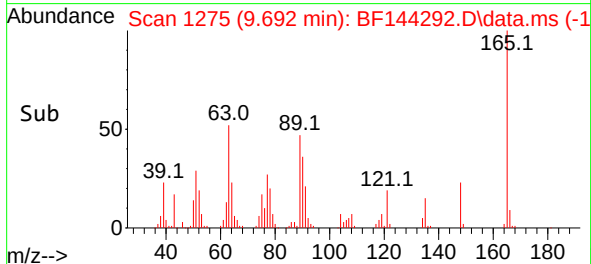
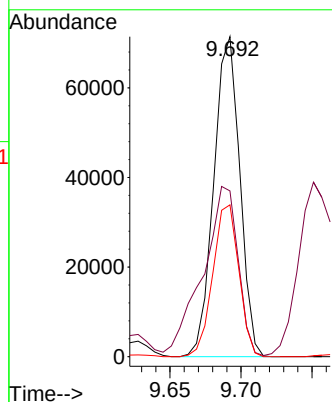
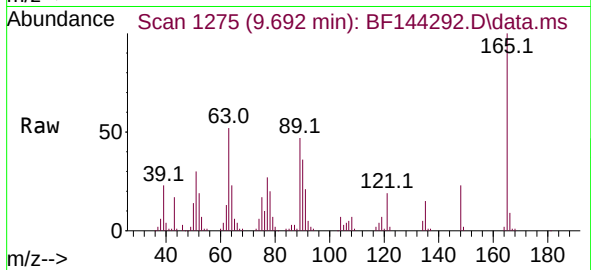
#51
2,6-Dinitrotoluene
Concen: 45.958 ng
RT: 9.692 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

Instrument :
BNA_F
ClientSampleId :
PB170631BS

Tgt Ion:165 Resp: 91017
Ion Ratio Lower Upper
165 100
63 51.8 43.8 65.8
89 47.4 37.5 56.3

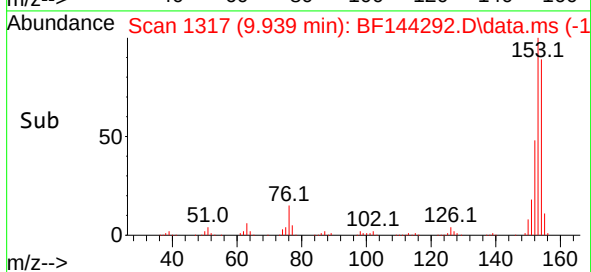
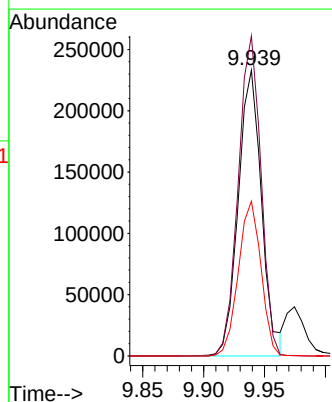
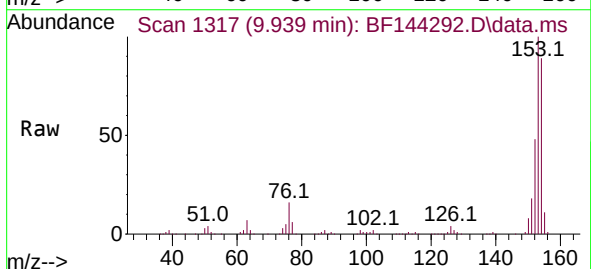
Manual Integrations
APPROVED

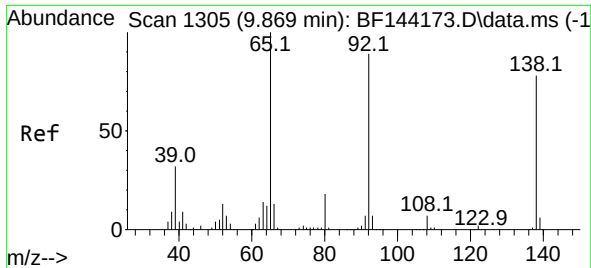
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#52
Acenaphthene
Concen: 38.672 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

Tgt Ion:154 Resp: 309875
Ion Ratio Lower Upper
154 100
153 112.0 89.0 133.4
152 54.1 42.2 63.4





#53

3-Nitroaniline

Concen: 33.044 ng

RT: 9.863 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF144292.D

Acq: 20 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB170631BS

Tgt Ion:138 Resp: 71538

Ion Ratio Lower Upper

138 100

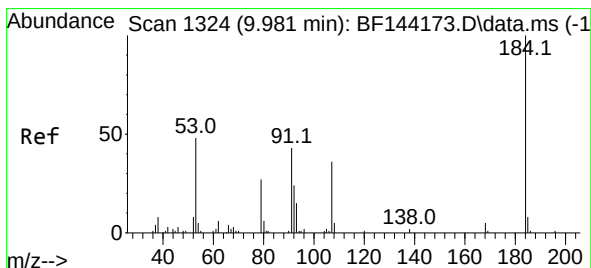
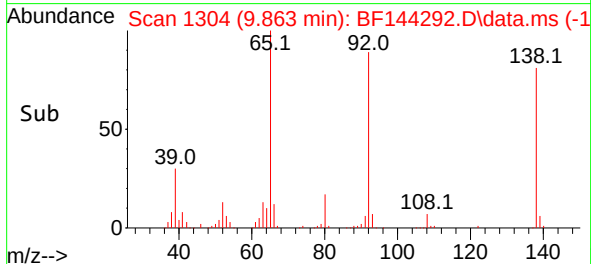
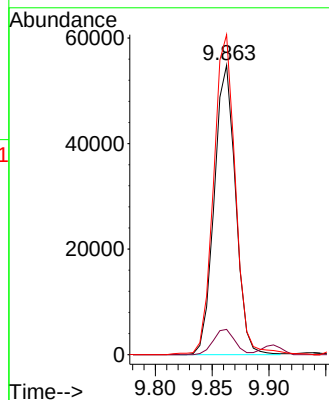
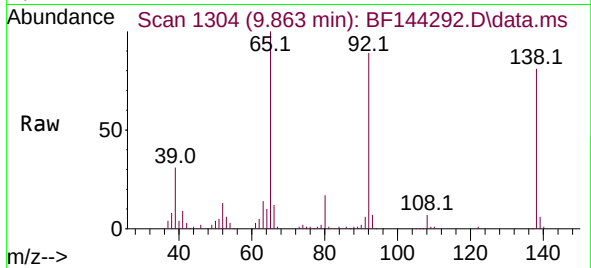
108 8.7 7.5 11.3

92 110.6 91.8 137.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#54

2,4-Dinitrophenol

Concen: 89.545 ng

RT: 9.975 min Scan# 1323

Delta R.T. -0.012 min

Lab File: BF144292.D

Acq: 20 Nov 2025 13:54

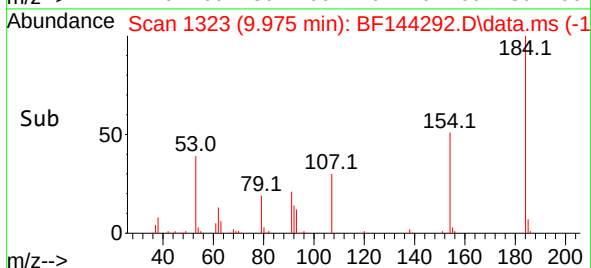
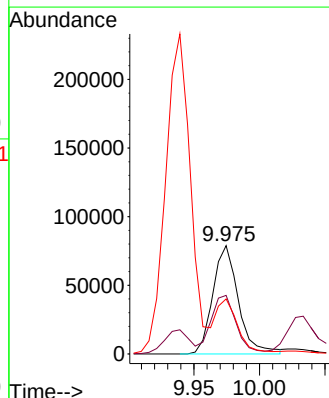
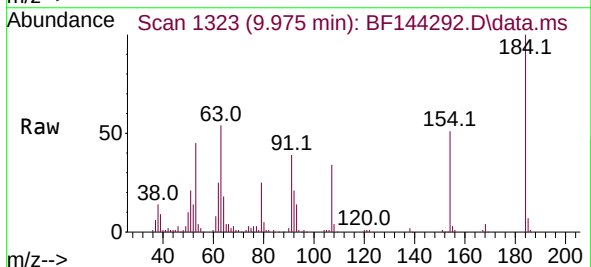
Tgt Ion:184 Resp: 107086

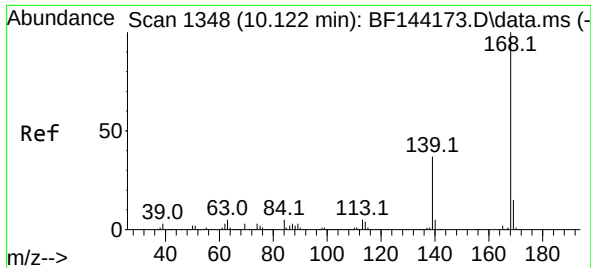
Ion Ratio Lower Upper

184 100

63 53.9 44.0 66.0

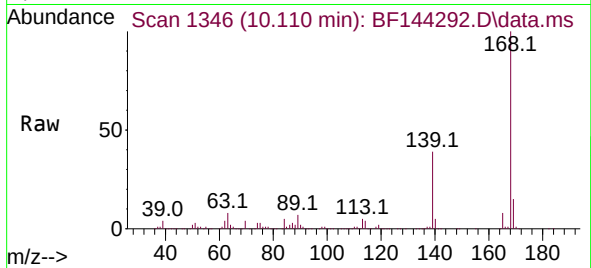
154 50.8 42.4 63.6





#55
Dibenzenofuran
Concen: 40.800 ng
RT: 10.110 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

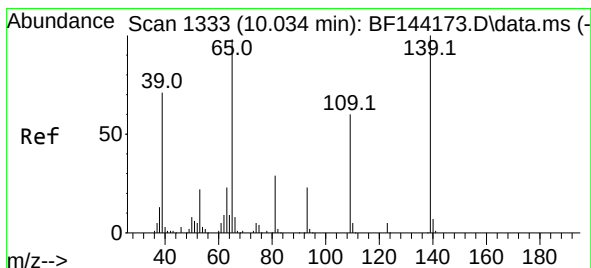
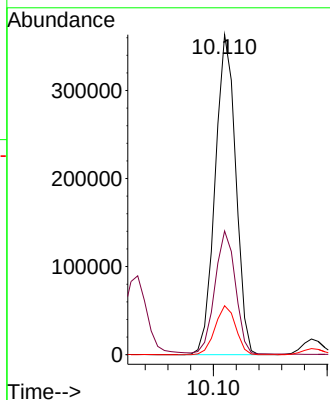
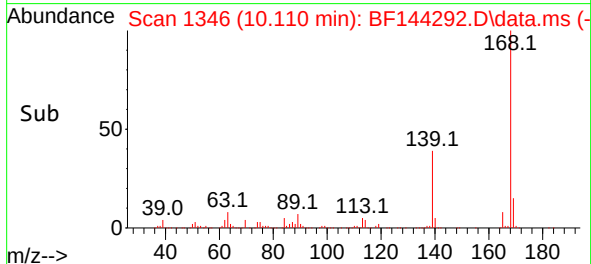
Instrument :
BNA_F
ClientSampleId :
PB170631BS



Tgt Ion:168 Resp: 457873
Ion Ratio Lower Upper
168 100
139 38.6 30.2 45.2
169 15.3 12.2 18.4

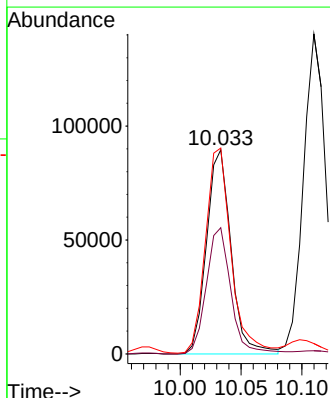
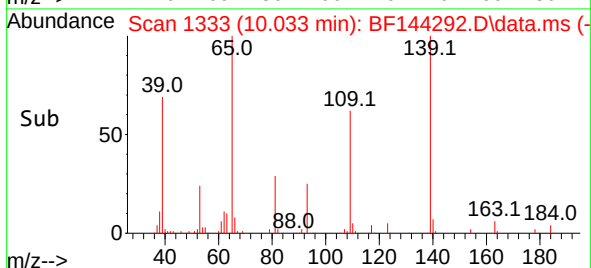
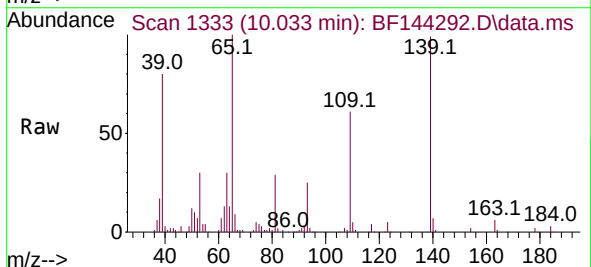
Manual Integrations
APPROVED

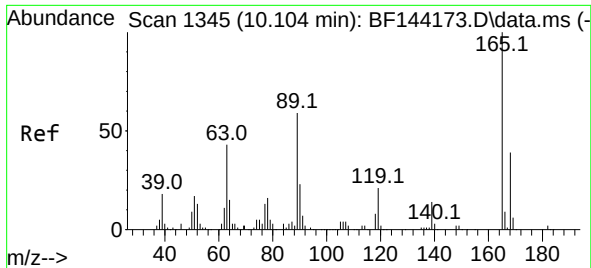
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#56
4-Nitrophenol
Concen: 80.166 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

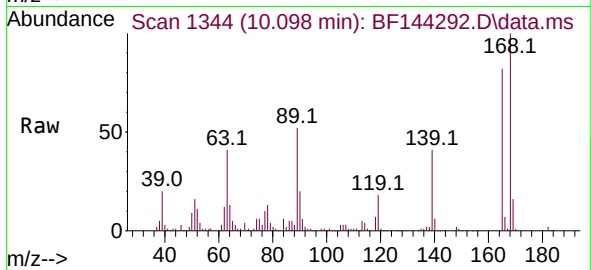
Tgt Ion:139 Resp: 125541
Ion Ratio Lower Upper
139 100
109 61.8 39.9 79.9
65 100.8 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 45.518 ng
RT: 10.098 min Scan# 1344
Delta R.T. -0.000 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

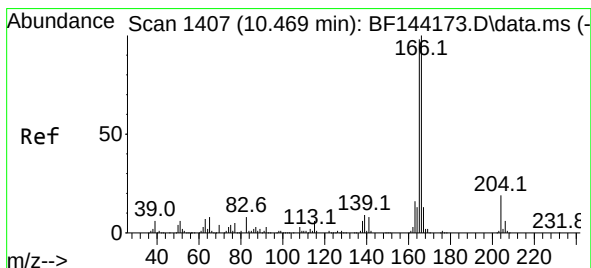
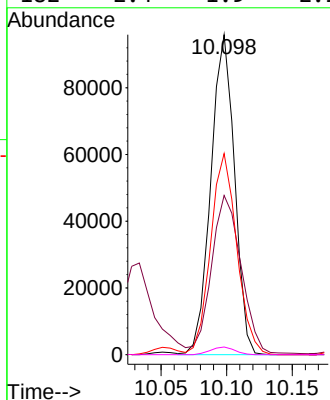
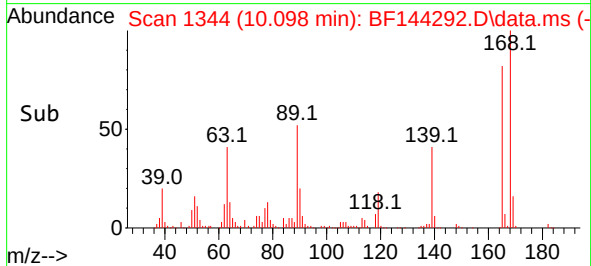
Instrument :
BNA_F
ClientSampleId :
PB170631BS



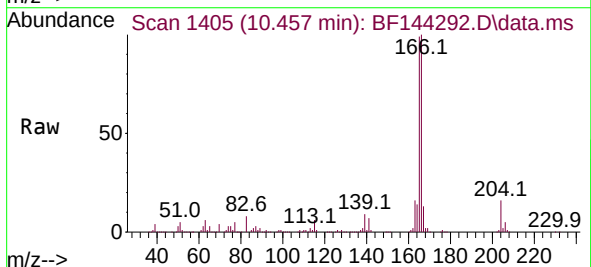
Tgt Ion:165 Resp: 120672
Ion Ratio Lower Upper
165 100
63 49.7 35.5 53.3
89 62.9 47.4 71.2
182 2.4 1.9 2.9

Manual Integrations
APPROVED

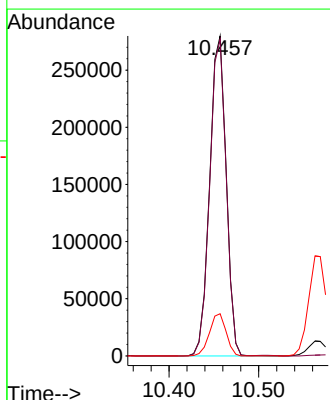
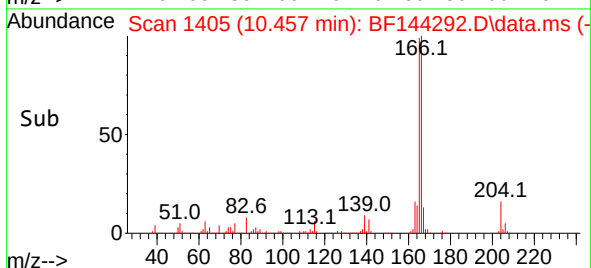
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

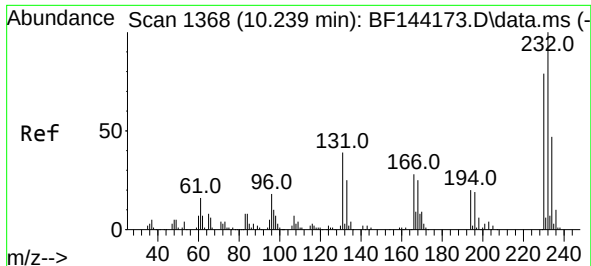


#58
Fluorene
Concen: 42.188 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54



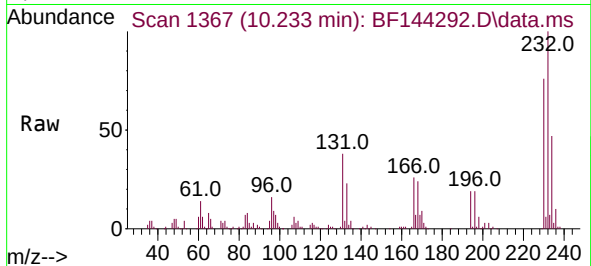
Tgt Ion:166 Resp: 359964
Ion Ratio Lower Upper
166 100
165 98.9 78.6 118.0
167 13.2 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.705 ng
RT: 10.233 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

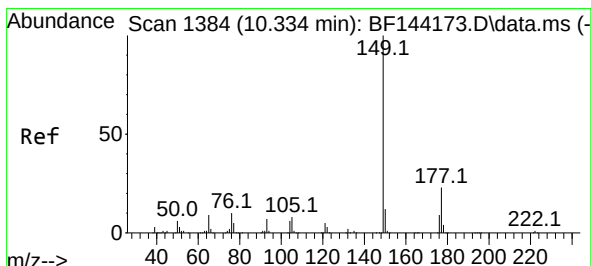
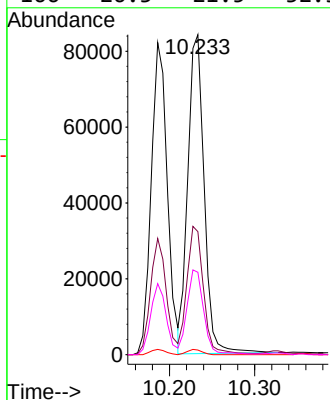
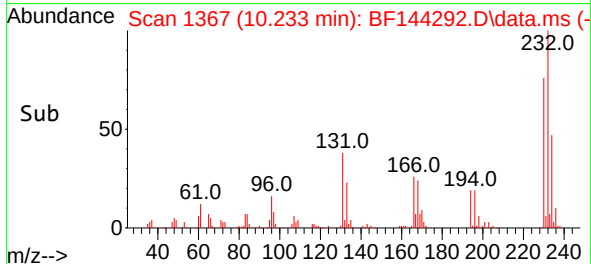
Instrument :
BNA_F
ClientSampleId :
PB170631BS



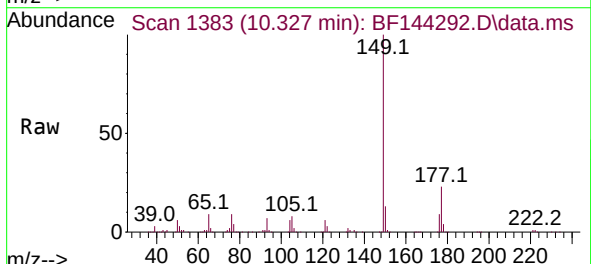
Tgt Ion:232 Resp: 112290
Ion Ratio Lower Upper
232 100
131 40.7 30.3 45.5
130 1.5 1.2 1.8
166 26.3 21.5 32.3

Manual Integrations
APPROVED

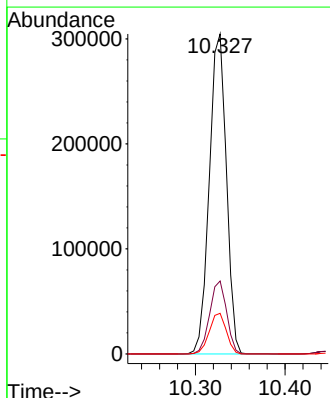
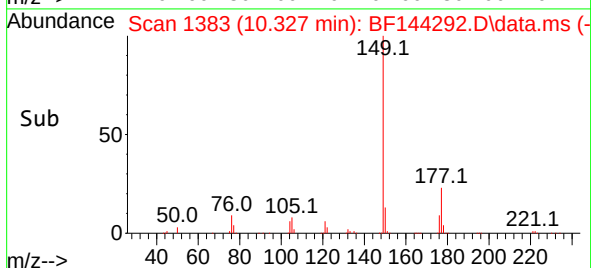
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

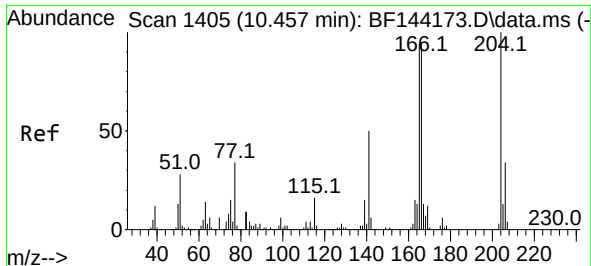


#60
Diethylphthalate
Concen: 44.596 ng
RT: 10.327 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54



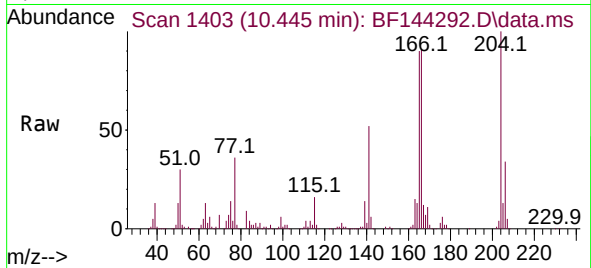
Tgt Ion:149 Resp: 402192
Ion Ratio Lower Upper
149 100
177 22.8 18.3 27.5
150 12.7 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 41.240 ng
RT: 10.445 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

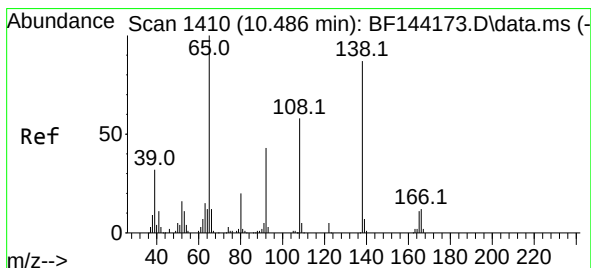
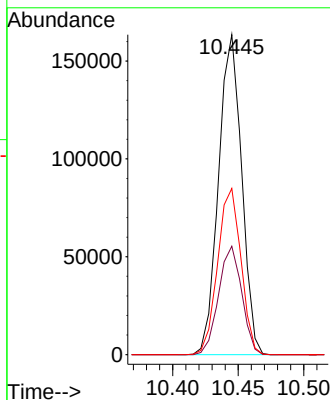
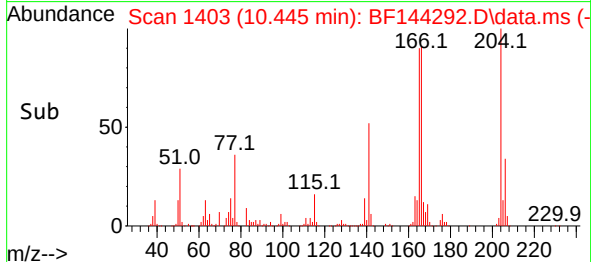
Instrument :
BNA_F
ClientSampleId :
PB170631BS



Tgt Ion:204 Resp: 200437
Ion Ratio Lower Upper
204 100
206 33.9 27.4 41.2
141 51.9 40.0 60.0

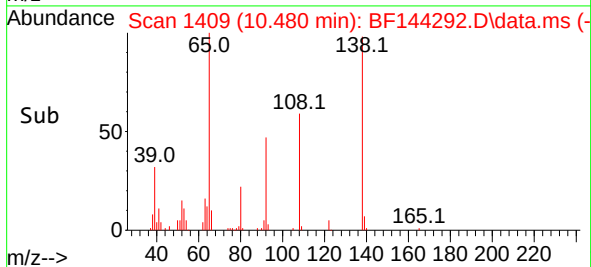
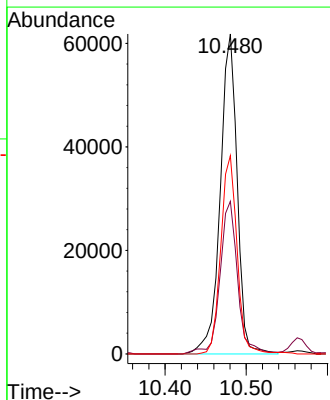
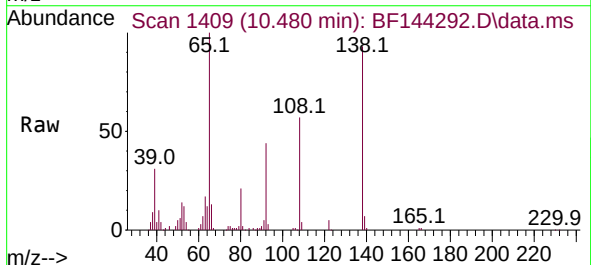
Manual Integrations
APPROVED

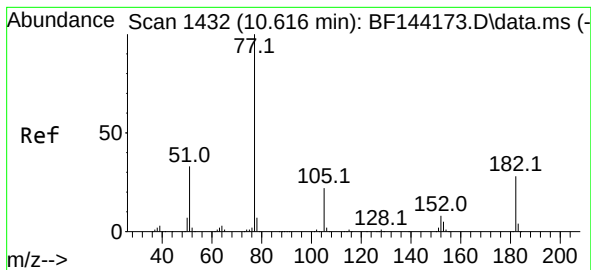
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#62
4-Nitroaniline
Concen: 43.385 ng
RT: 10.480 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

Tgt Ion:138 Resp: 89447
Ion Ratio Lower Upper
138 100
92 47.7 29.4 69.4
108 61.9 46.4 86.4





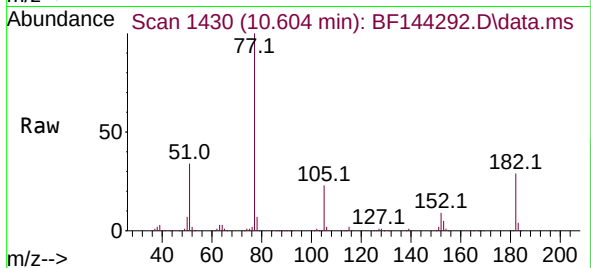
#63
Azobenzene
Concen: 44.303 ng
RT: 10.604 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB170631BS

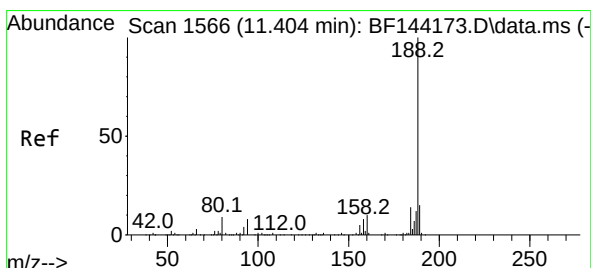
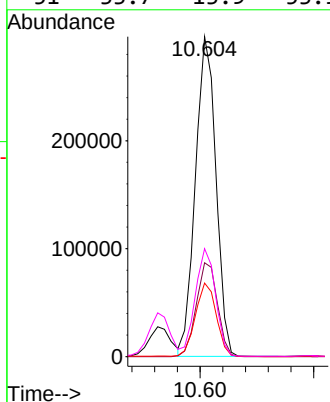
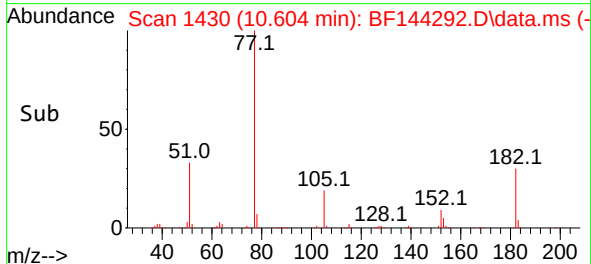


Tgt Ion: 77 Resp: 37185
Ion Ratio Lower Upper
77 100
182 29.3 8.1 48.1
105 23.0 2.0 42.0
51 33.7 13.9 53.9

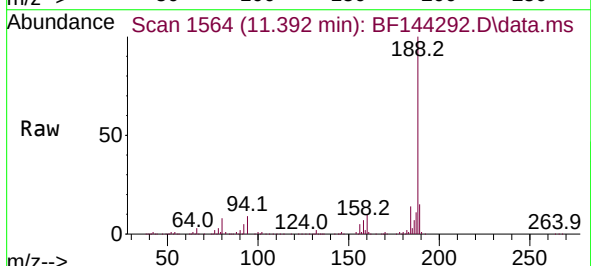
Manual Integrations

APPROVED

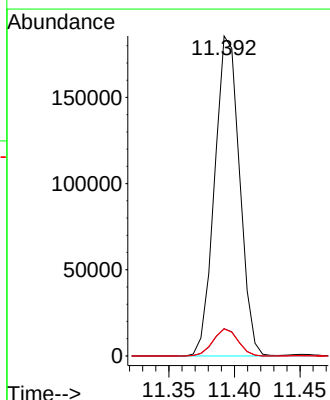
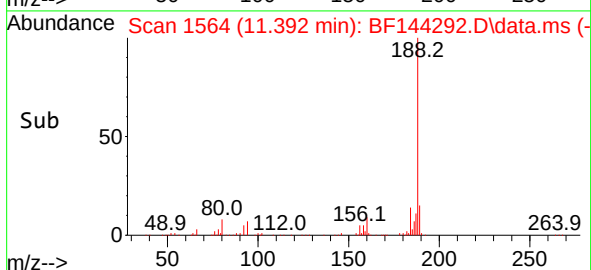
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

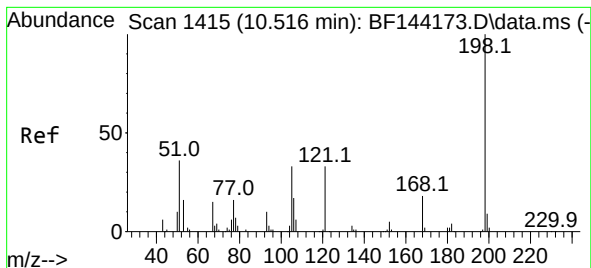


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54



Tgt Ion:188 Resp: 246268
Ion Ratio Lower Upper
188 100
94 8.5 6.2 9.2
80 8.4 6.9 10.3





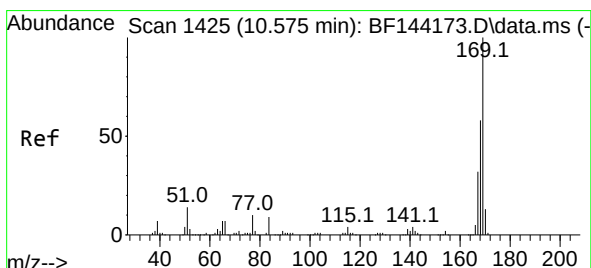
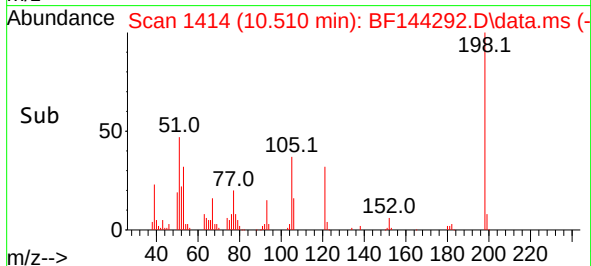
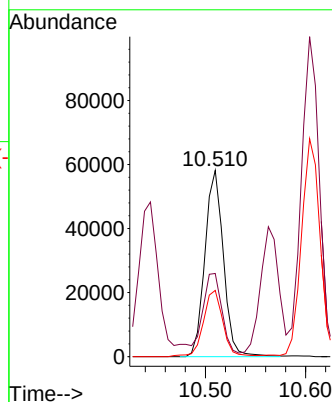
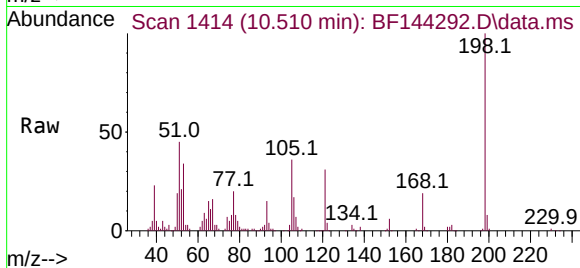
#65
4,6-Dinitro-2-methylphenol
Concen: 44.413 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

Instrument :
BNA_F
ClientSampleId :
PB170631BS

Tgt Ion:198 Resp: 74303
Ion Ratio Lower Upper
198 100
51 44.7 25.6 65.6
105 35.5 14.6 54.6

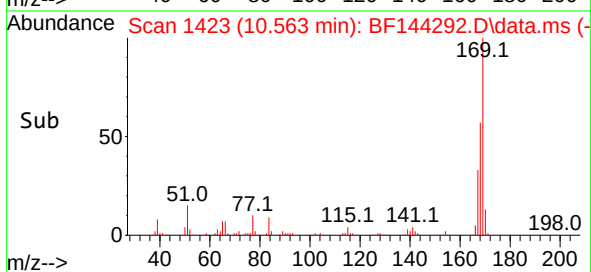
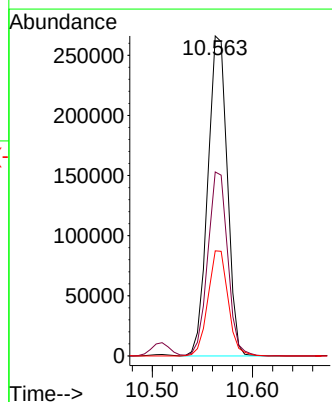
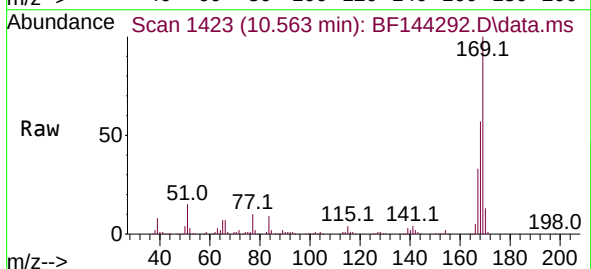
Manual Integrations
APPROVED

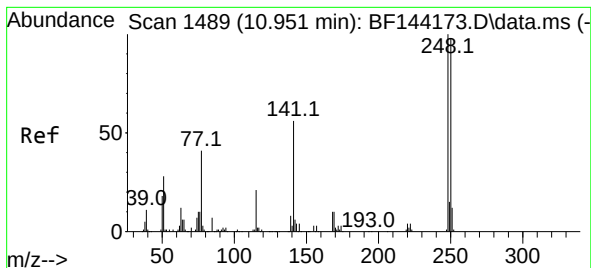
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#66
n-Nitrosodiphenylamine
Concen: 45.254 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

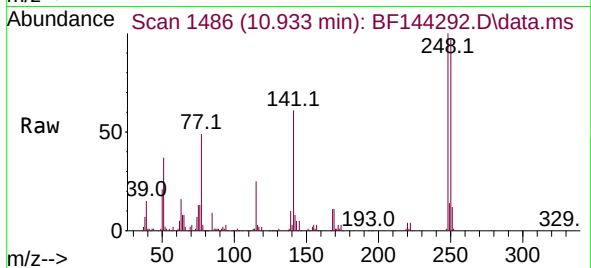
Tgt Ion:169 Resp: 358438
Ion Ratio Lower Upper
169 100
168 57.5 46.2 69.2
167 32.8 25.7 38.5





#67
4-Bromophenyl-phenylether
Concen: 42.560 ng
RT: 10.933 min Scan# 1486
Delta R.T. -0.012 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

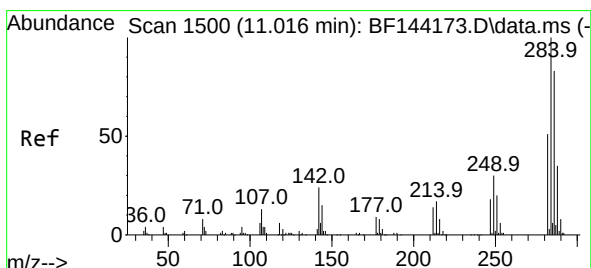
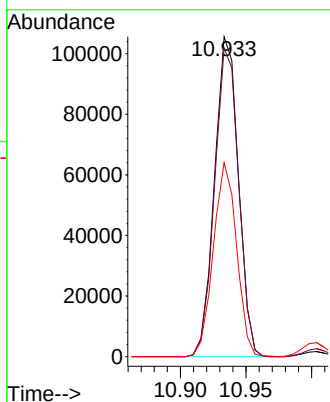
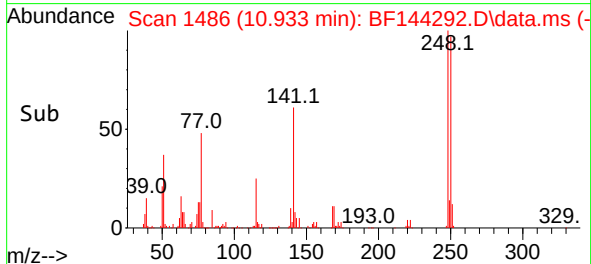
Instrument :
BNA_F
ClientSampleId :
PB170631BS



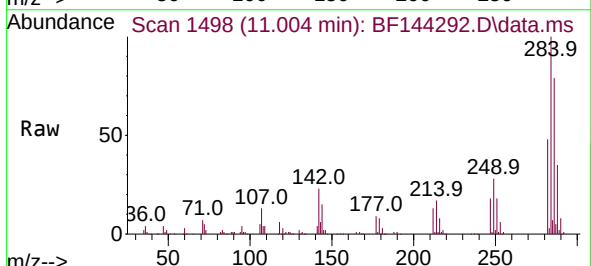
Tgt Ion:248 Resp: 133783
Ion Ratio Lower Upper
248 100
250 96.5 78.4 117.6
141 60.6 45.1 67.7

Manual Integrations
APPROVED

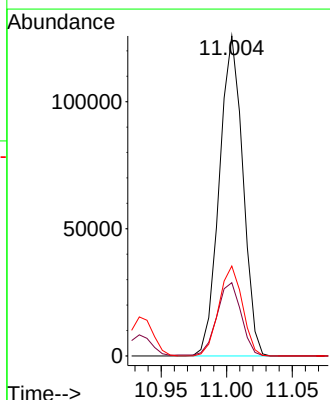
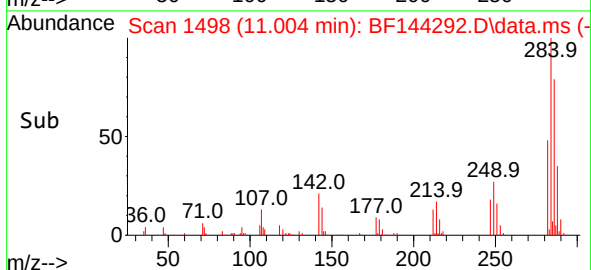
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

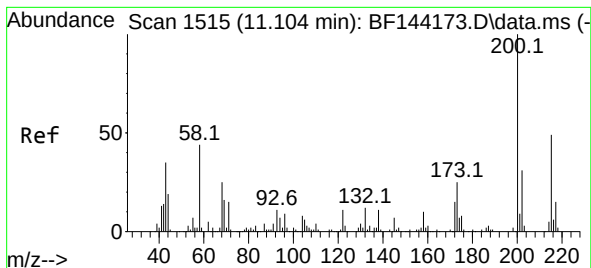


#68
Hexachlorobenzene
Concen: 42.388 ng
RT: 11.004 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54



Tgt Ion:284 Resp: 156941
Ion Ratio Lower Upper
284 100
142 22.9 19.2 28.8
249 28.1 23.8 35.8





#69

Atrazine

Concen: 48.208 ng

RT: 11.092 min Scan# 1513

Delta R.T. -0.006 min

Lab File: BF144292.D

Acq: 20 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB170631BS

Tgt Ion:200 Resp: 121432

Ion Ratio Lower Upper

200 100

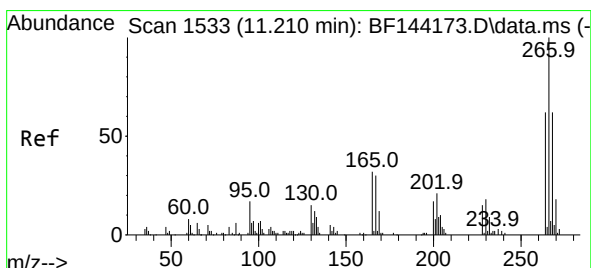
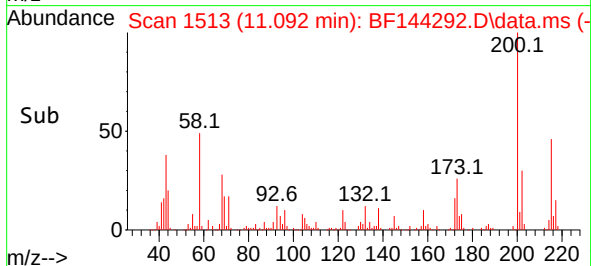
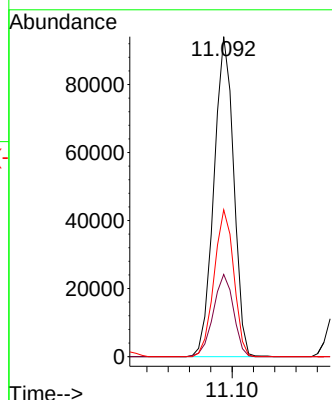
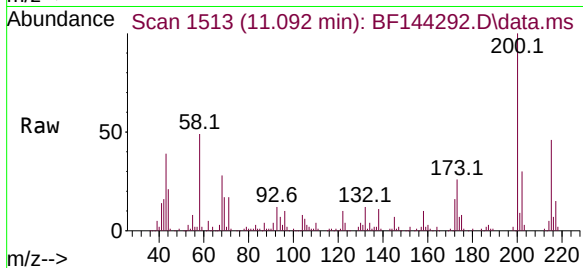
173 25.7 5.0 45.0

215 45.9 28.7 68.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#70

Pentachlorophenol

Concen: 88.628 ng

RT: 11.204 min Scan# 1532

Delta R.T. -0.012 min

Lab File: BF144292.D

Acq: 20 Nov 2025 13:54

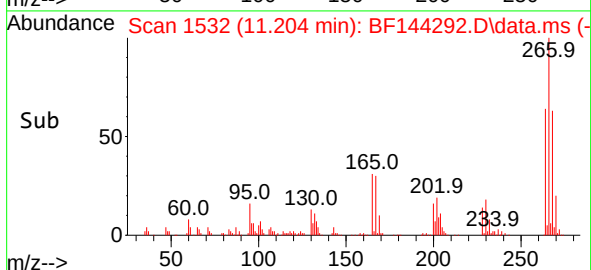
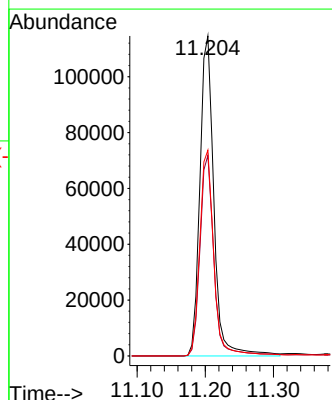
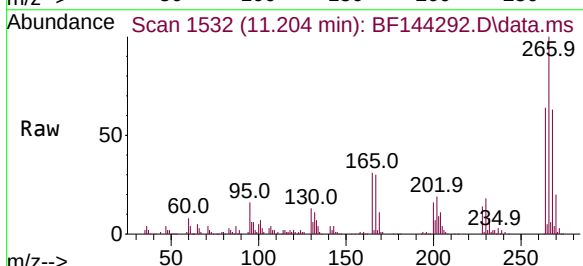
Tgt Ion:266 Resp: 163403

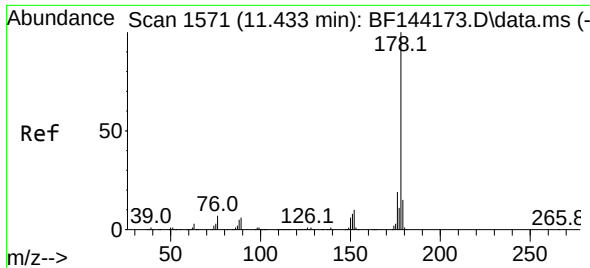
Ion Ratio Lower Upper

266 100

268 62.6 49.5 74.3

264 64.3 49.4 74.2





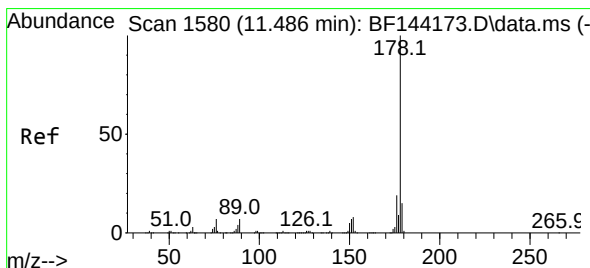
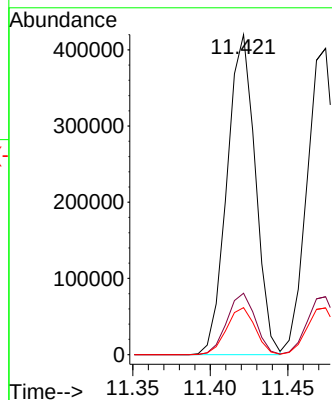
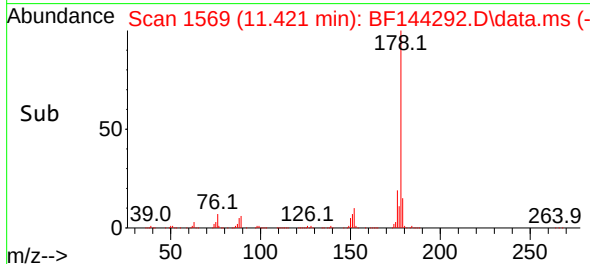
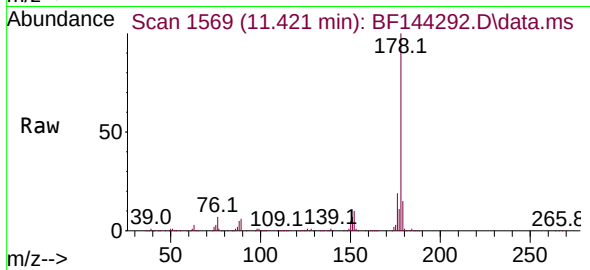
#71
Phenanthrene
Concen: 43.518 ng
RT: 11.421 min Scan# 11421
Delta R.T. -0.006 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

Instrument :
BNA_F
ClientSampleId :
PB170631BS

Tgt Ion:178 Resp: 533588
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 14.7 12.2 18.4

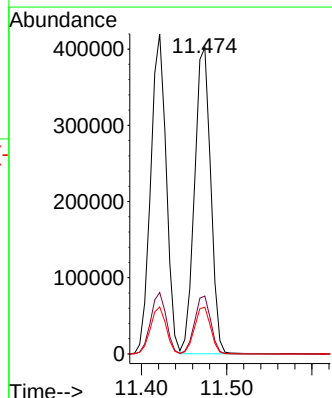
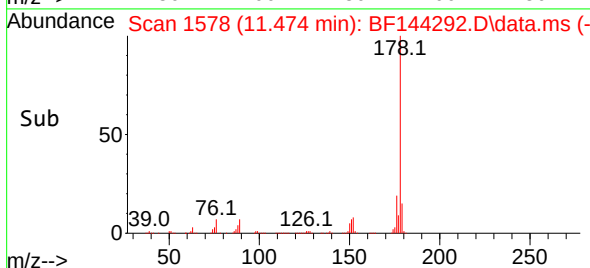
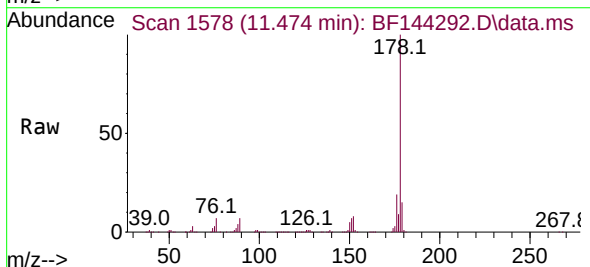
Manual Integrations
APPROVED

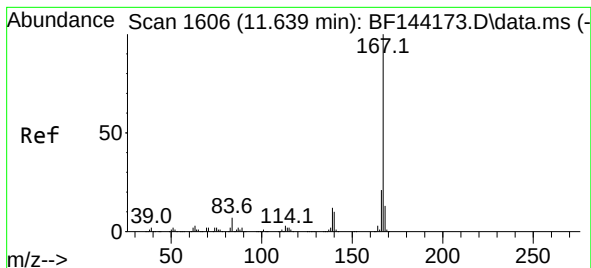
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#72
Anthracene
Concen: 42.428 ng
RT: 11.474 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

Tgt Ion:178 Resp: 528976
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.2 12.0 18.0





#73

Carbazole

Concen: 42.913 ng

RT: 11.627 min Scan# 1604

Delta R.T. -0.012 min

Lab File: BF144292.D

Acq: 20 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB170631BS

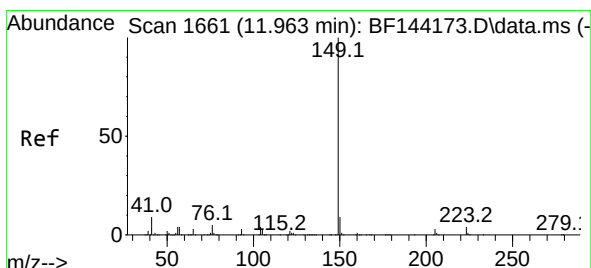
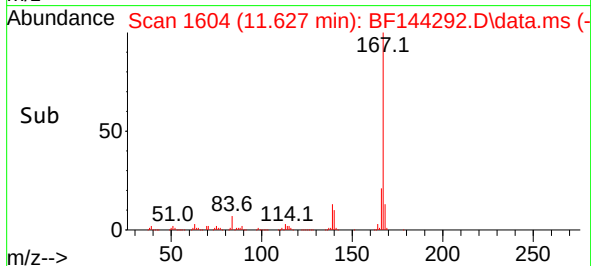
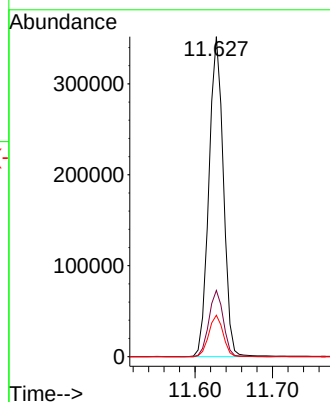
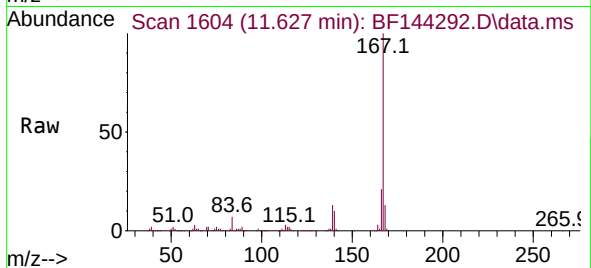
Tgt Ion:167 Resp: 454949

Ion	Ratio	Lower	Upper
167	100		
166	20.7	17.2	25.8
139	12.9	9.9	14.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#74

Di-n-butylphthalate

Concen: 46.469 ng

RT: 11.951 min Scan# 1659

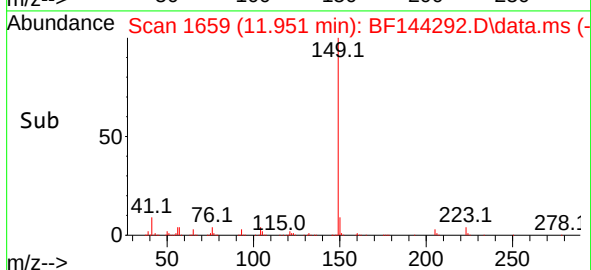
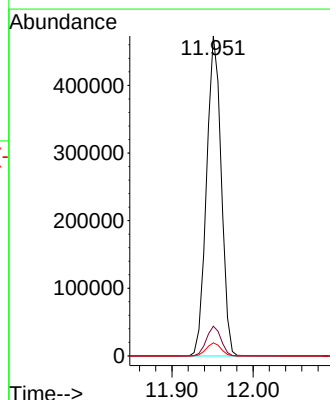
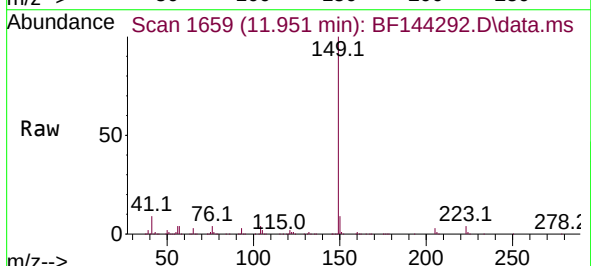
Delta R.T. -0.012 min

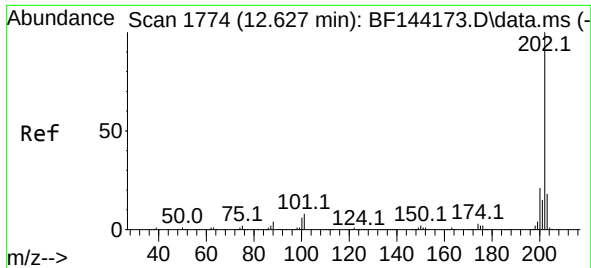
Lab File: BF144292.D

Acq: 20 Nov 2025 13:54

Tgt Ion:149 Resp: 595563

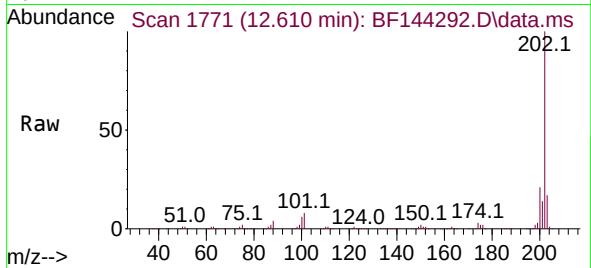
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	4.1	3.4	5.2





#75
Fluoranthene
Concen: 41.597 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

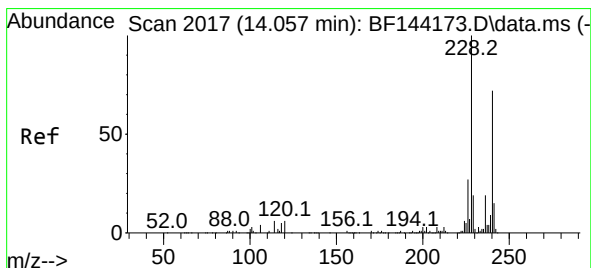
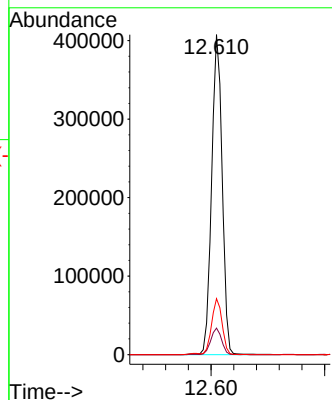
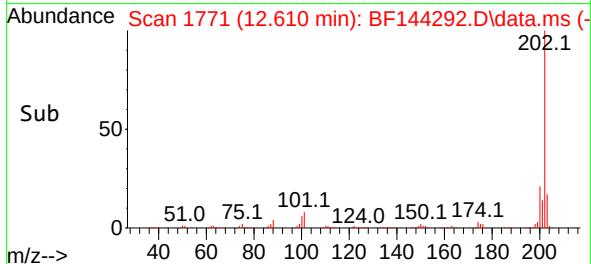
Instrument :
BNA_F
ClientSampleId :
PB170631BS



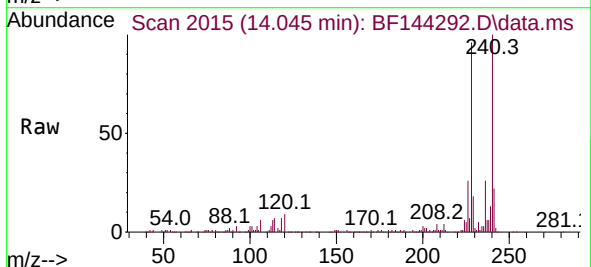
Tgt Ion:202 Resp: 52687
Ion Ratio Lower Upper
202 100
101 8.3 0.0 27.9
203 17.5 0.0 37.5

Manual Integrations
APPROVED

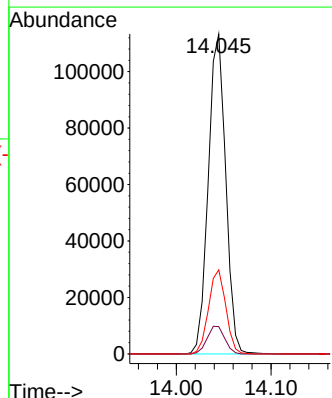
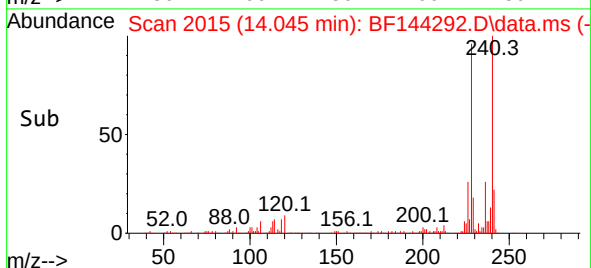
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

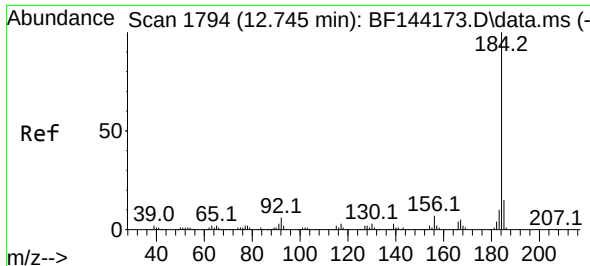


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54



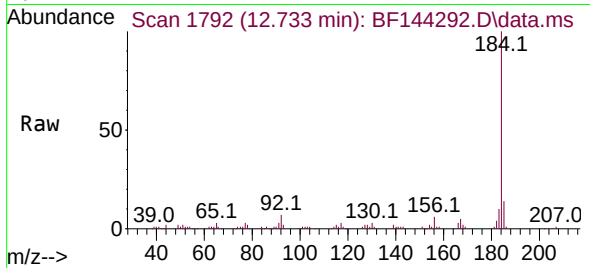
Tgt Ion:240 Resp: 145057
Ion Ratio Lower Upper
240 100
120 8.5 6.6 10.0
236 26.3 21.4 32.2





#77
Benzidine
Concen: 18.997 ng
RT: 12.733 min Scan# 1792
Delta R.T. -0.018 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

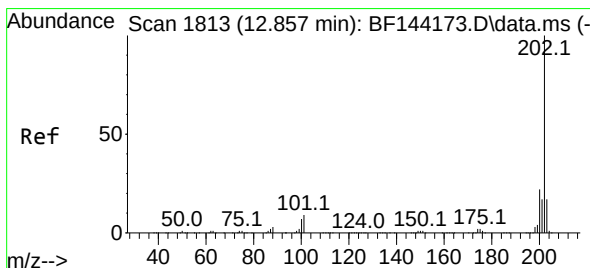
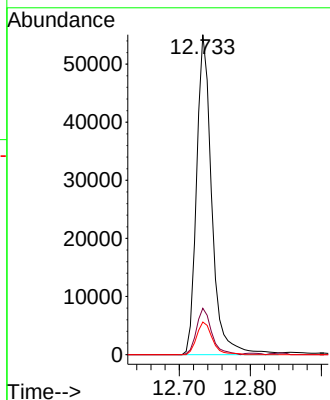
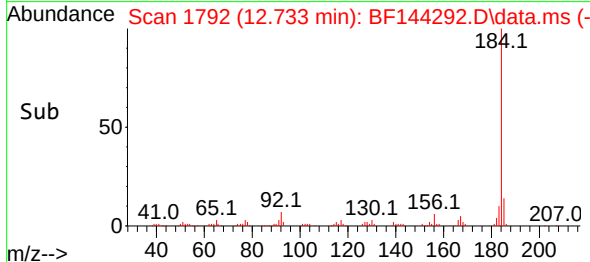
Instrument :
BNA_F
ClientSampleId :
PB170631BS



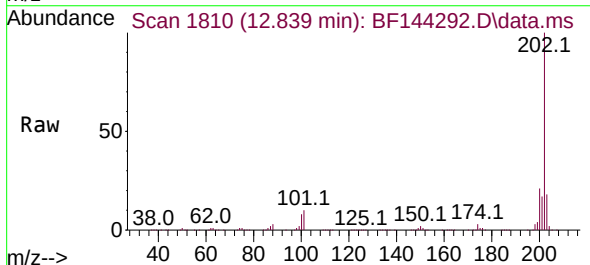
Tgt Ion:184 Resp: 81512
Ion Ratio Lower Upper
184 100
185 14.5 11.7 17.5
183 10.2 8.3 12.5

Manual Integrations
APPROVED

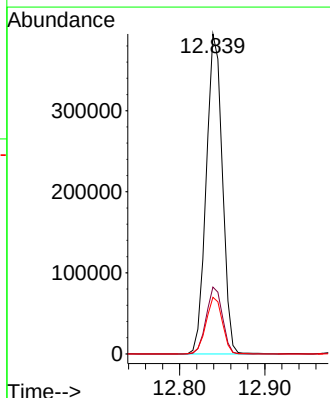
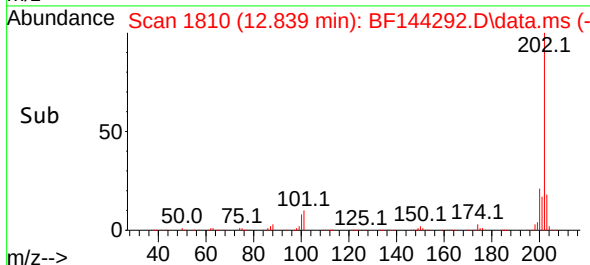
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

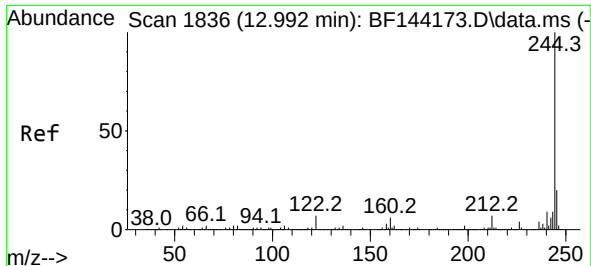


#78
Pyrene
Concen: 44.289 ng
RT: 12.839 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54



Tgt Ion:202 Resp: 517997
Ion Ratio Lower Upper
202 100
200 20.9 17.2 25.8
203 17.7 13.7 20.5





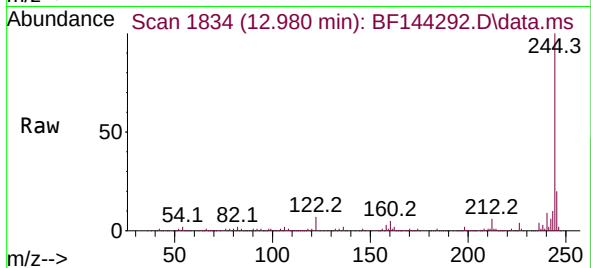
#79
 Terphenyl-d14
 Concen: 84.059 ng
 RT: 12.980 min Scan# 1834
 Delta R.T. -0.012 min
 Lab File: BF144292.D
 Acq: 20 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB170631BS

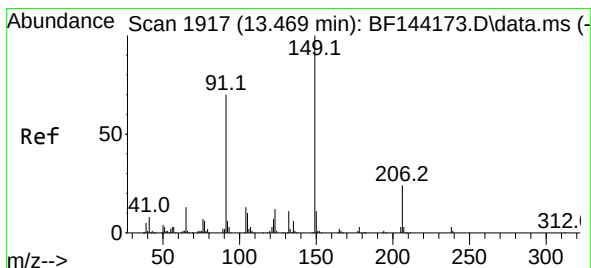
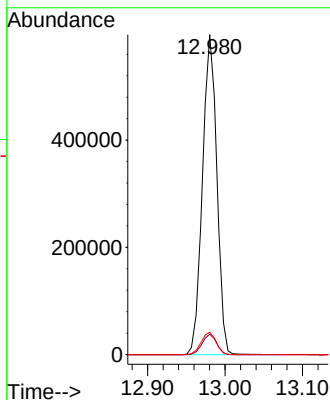
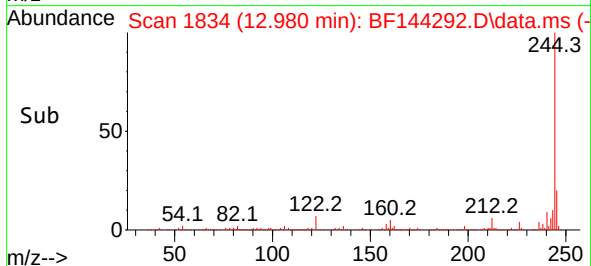


Tgt Ion:244 Resp: 767648
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.3 7.9
 122 7.0 5.6 8.4

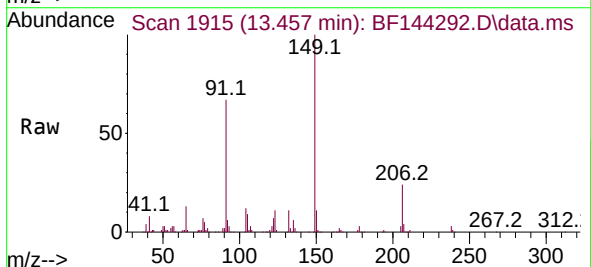
Manual Integrations

APPROVED

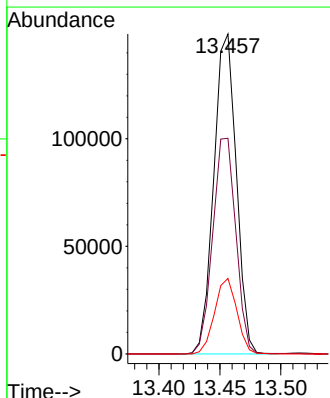
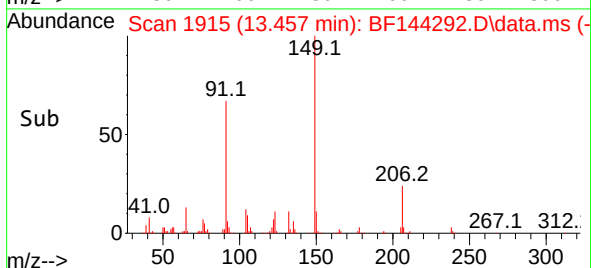
Reviewed By :Jagrut Upadhyay 11/21/2025
 Supervised By :mohammad ahmed 11/22/2025

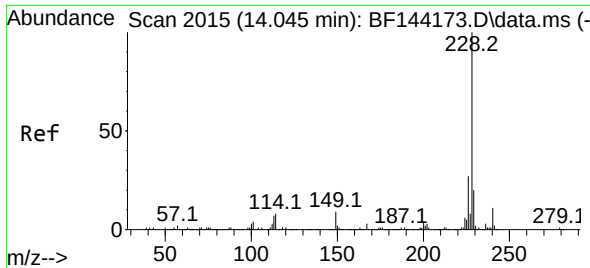


#80
 Butylbenzylphthalate
 Concen: 47.331 ng
 RT: 13.457 min Scan# 1915
 Delta R.T. -0.012 min
 Lab File: BF144292.D
 Acq: 20 Nov 2025 13:54



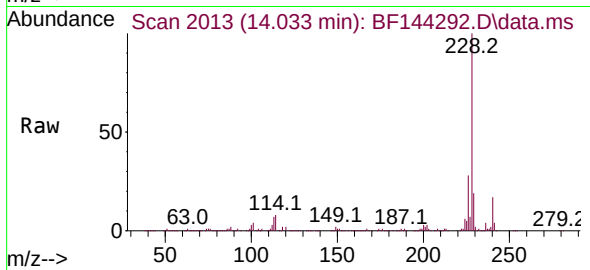
Tgt Ion:149 Resp: 191861
 Ion Ratio Lower Upper
 149 100
 91 67.4 56.1 84.1
 206 23.6 18.8 28.2





#81
Benzo(a)anthracene
Concen: 44.884 ng
RT: 14.033 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

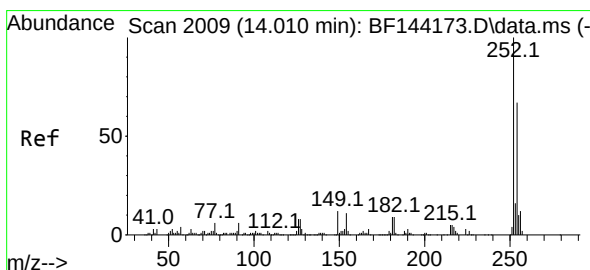
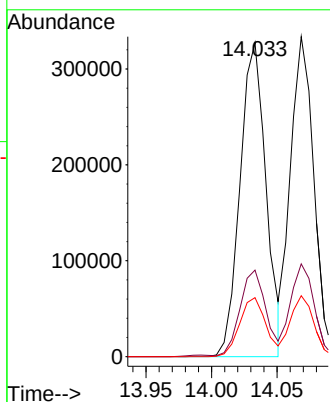
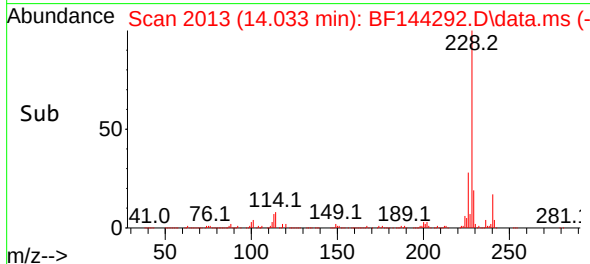
Instrument :
BNA_F
ClientSampleId :
PB170631BS



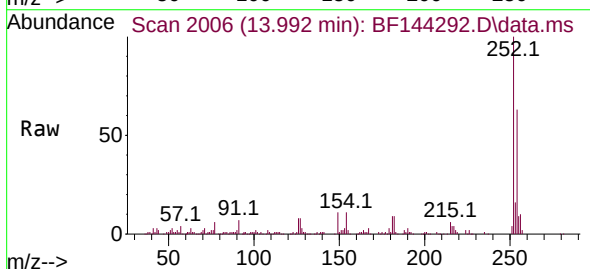
Tgt Ion:228 Resp: 451245
Ion Ratio Lower Upper
228 100
226 27.5 21.8 32.8
229 18.8 15.8 23.6

Manual Integrations
APPROVED

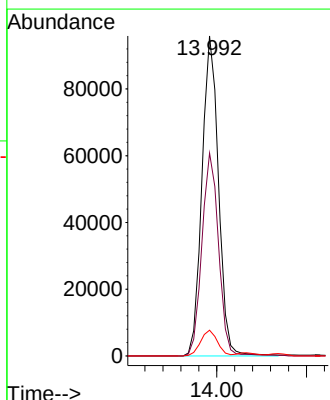
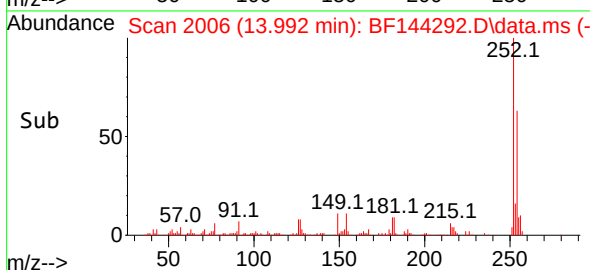
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

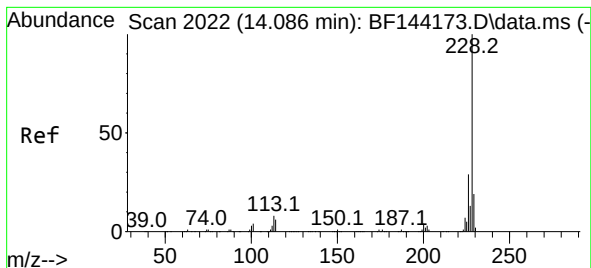


#82
3,3'-Dichlorobenzidine
Concen: 35.545 ng
RT: 13.992 min Scan# 2006
Delta R.T. -0.018 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54



Tgt Ion:252 Resp: 122492
Ion Ratio Lower Upper
252 100
254 63.4 53.5 80.3
126 8.0 6.4 9.6





#83

Chrysene

Concen: 44.641 ng

RT: 14.068 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF144292.D

Acq: 20 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB170631BS

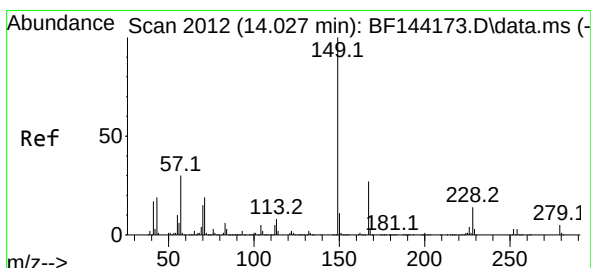
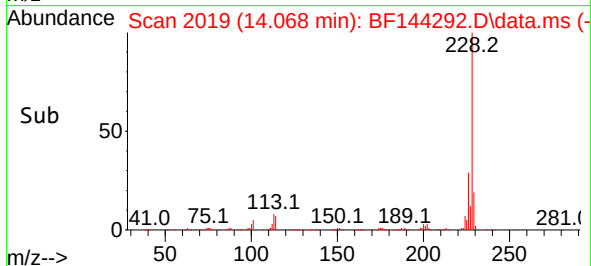
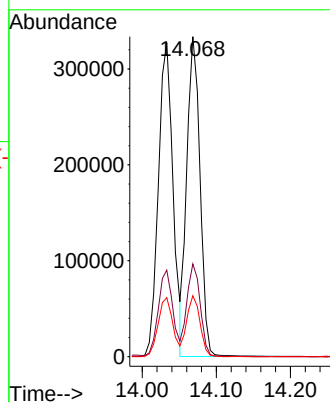
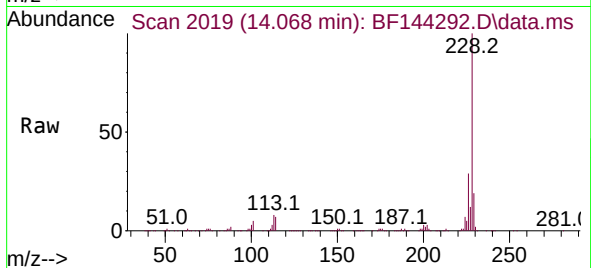
Tgt Ion:228 Resp: 414304

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.9	34.3
229	19.0	15.0	22.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.451 ng

RT: 14.010 min Scan# 2009

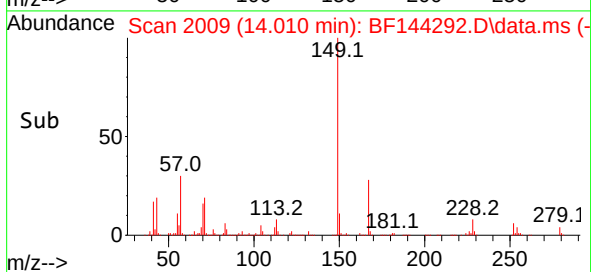
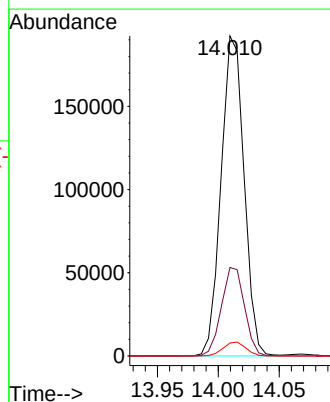
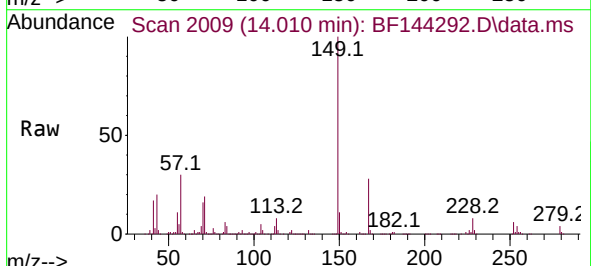
Delta R.T. -0.018 min

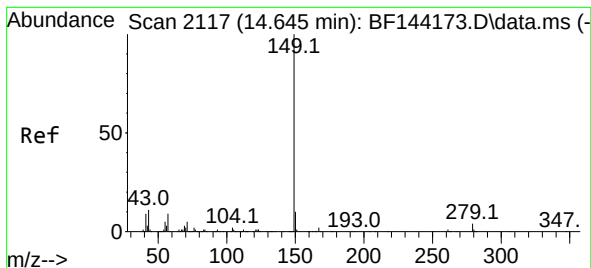
Lab File: BF144292.D

Acq: 20 Nov 2025 13:54

Tgt Ion:149 Resp: 252215

Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.8	32.8
279	4.0	3.7	5.5





#85

Di-n-octyl phthalate

Concen: 43.927 ng

RT: 14.627 min Scan# 2114

Delta R.T. -0.018 min

Lab File: BF144292.D

Acq: 20 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB170631BS

Tgt Ion:149 Resp: 420561

Ion Ratio Lower Upper

149 100

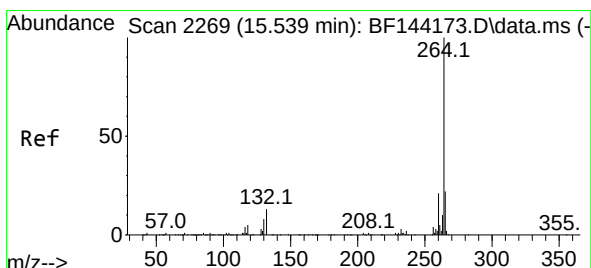
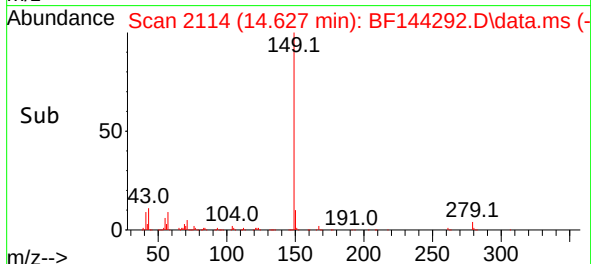
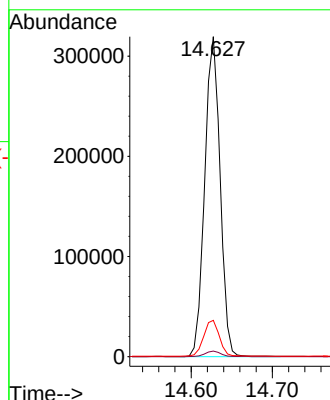
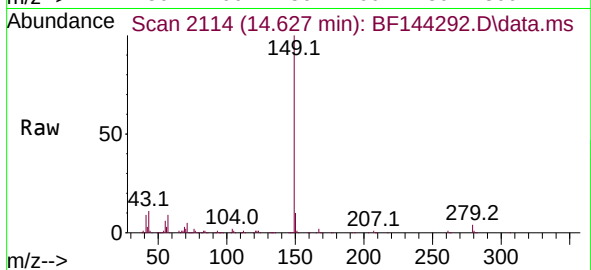
167 1.8 1.2 1.8

43 11.5 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2266

Delta R.T. -0.018 min

Lab File: BF144292.D

Acq: 20 Nov 2025 13:54

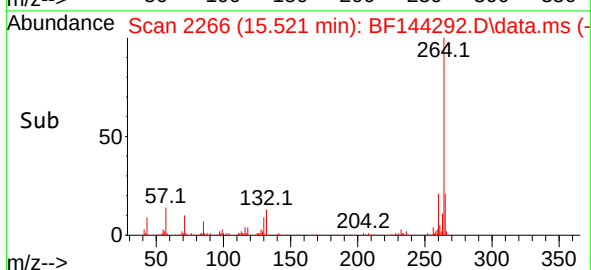
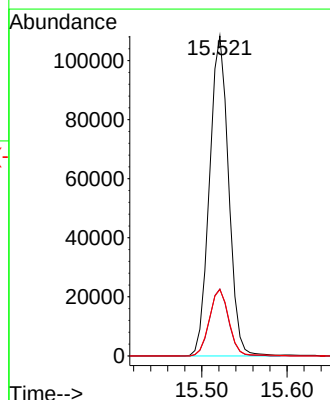
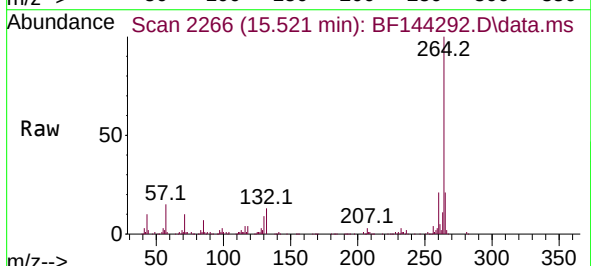
Tgt Ion:264 Resp: 168439

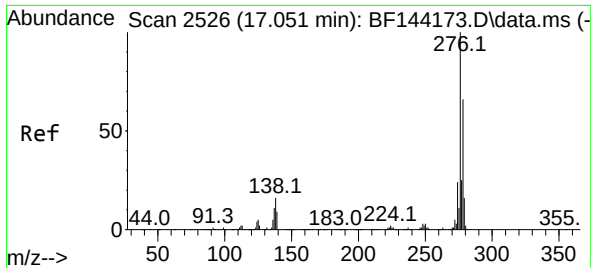
Ion Ratio Lower Upper

264 100

260 20.9 17.1 25.7

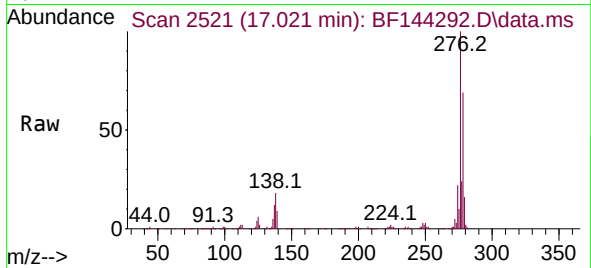
265 20.7 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 39.663 ng
RT: 17.021 min Scan# 2192
Delta R.T. -0.012 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

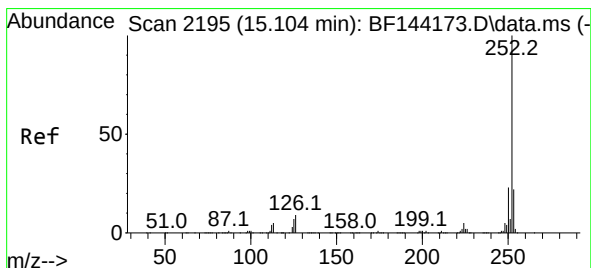
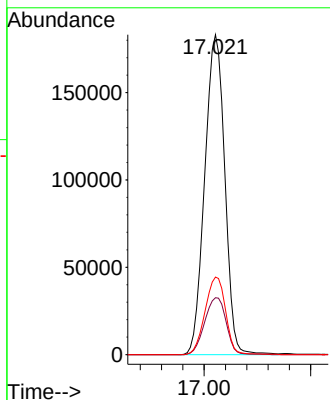
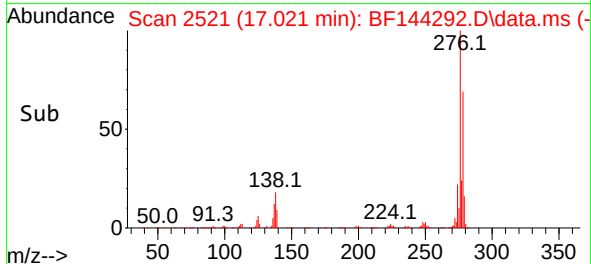
Instrument :
BNA_F
ClientSampleId :
PB170631BS



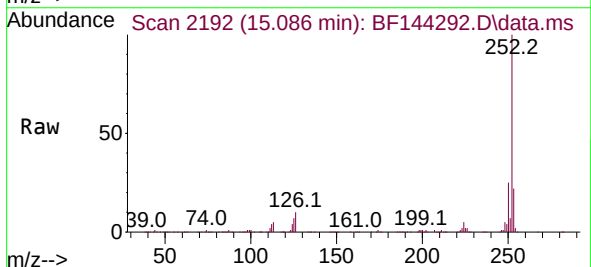
Tgt Ion:276 Resp: 479572
Ion Ratio Lower Upper
276 100
138 19.1 13.9 20.9
277 24.7 19.8 29.6

Manual Integrations
APPROVED

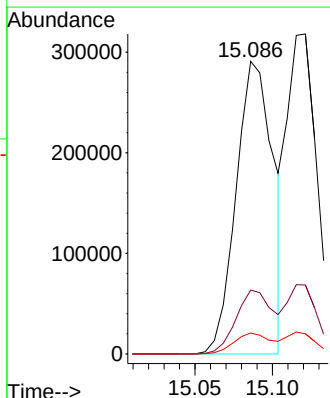
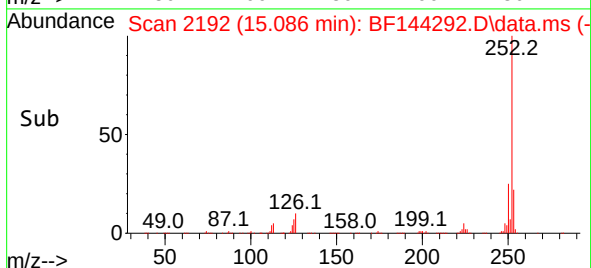
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

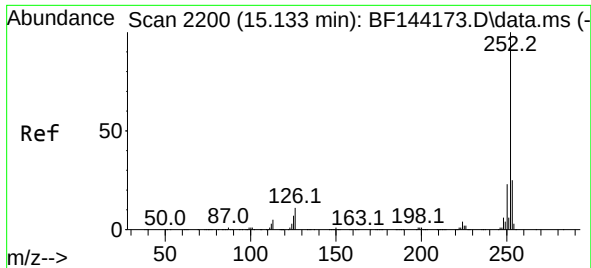


#88
Benzo(b)fluoranthene
Concen: 50.545 ng
RT: 15.086 min Scan# 2192
Delta R.T. -0.012 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54



Tgt Ion:252 Resp: 484028
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 7.2 5.3 7.9





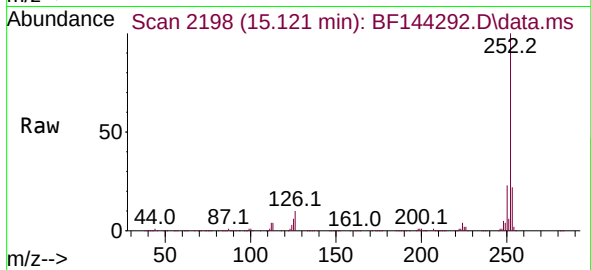
#89
Benzo(k)fluoranthene
Concen: 47.933 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB170631BS

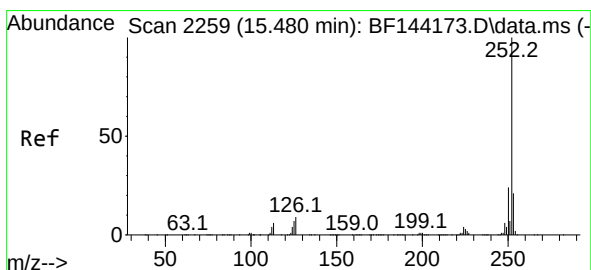
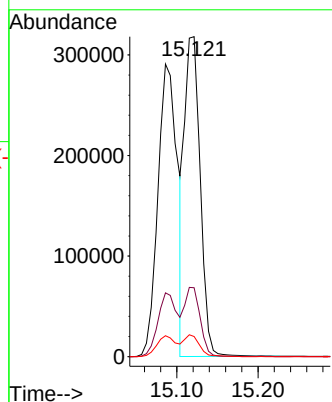
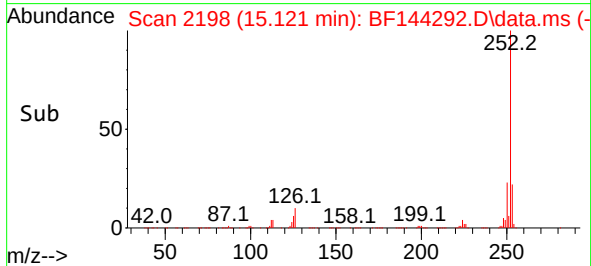


Tgt Ion:252 Resp: 429632
Ion Ratio Lower Upper
252 100
253 21.5 18.0 27.0
125 6.3 5.4 8.2

Manual Integrations

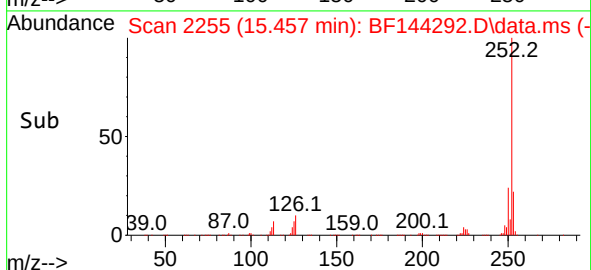
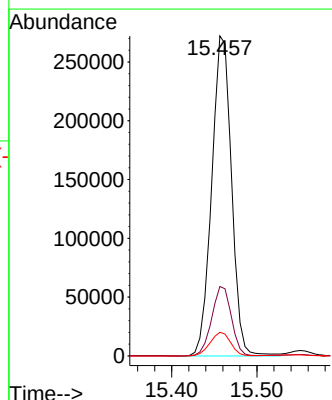
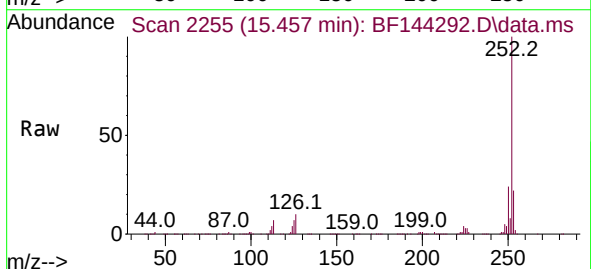
APPROVED

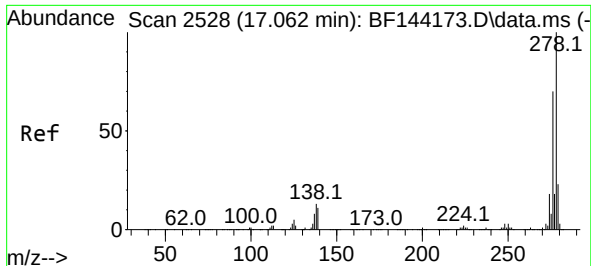
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#90
Benzo(a)pyrene
Concen: 49.760 ng
RT: 15.457 min Scan# 2255
Delta R.T. -0.018 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

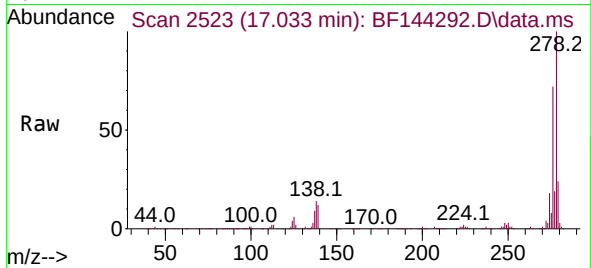
Tgt Ion:252 Resp: 439597
Ion Ratio Lower Upper
252 100
253 21.7 16.7 25.1
125 7.4 5.7 8.5





#91
Dibenzo(a,h)anthracene
Concen: 40.682 ng
RT: 17.033 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54

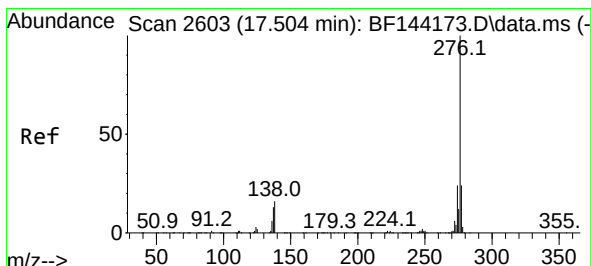
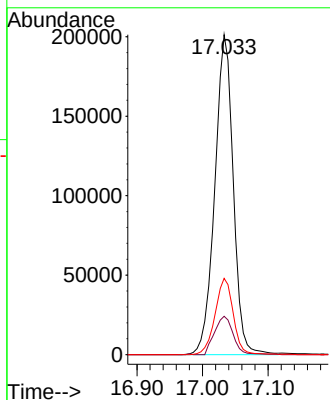
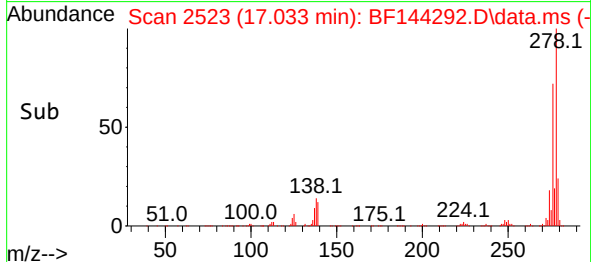
Instrument :
BNA_F
ClientSampleId :
PB170631BS



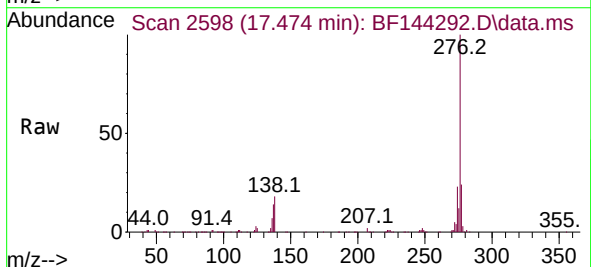
Tgt Ion:278 Resp: 395045
Ion Ratio Lower Upper
278 100
139 12.0 9.1 13.7
279 23.8 18.2 27.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#92
Benzo(g,h,i)perylene
Concen: 38.943 ng
RT: 17.474 min Scan# 2598
Delta R.T. -0.018 min
Lab File: BF144292.D
Acq: 20 Nov 2025 13:54



Tgt Ion:276 Resp: 373437
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.4
138 17.6 12.9 19.3

