

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
 Data File : BF144386.D
 Acq On : 01 Dec 2025 14:40
 Operator : RC/JU
 Sample : PB170763BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170763BS

Quant Time: Dec 01 15:19:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	56637	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	215029	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	112964	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	172015	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	126792	20.000	ng	0.00
86) Perylene-d12	15.527	264	157195	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	407223	112.515	ng	0.00
7) Phenol-d6	6.498	99	459827	112.128	ng	0.00
23) Nitrobenzene-d5	7.428	82	290982	78.155	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	147933	104.357	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	608225	79.522	ng	0.00
79) Terphenyl-d14	12.980	244	554561	69.473	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	58166	38.873	ng	97
3) Pyridine	3.446	79	146839	35.175	ng	99
4) n-Nitrosodimethylamine	3.387	42	88674	40.666	ng	88
6) Aniline	6.528	93	174476	29.862	ng	# 88
8) 2-Chlorophenol	6.651	128	149533	42.129	ng	98
9) Benzaldehyde	6.416	77	92494	39.942	ng	98
10) Phenol	6.516	94	204930	40.900	ng	88
11) bis(2-Chloroethyl)ether	6.598	93	154676	42.366	ng	98
12) 1,3-Dichlorobenzene	6.804	146	183216	41.832	ng	97
13) 1,4-Dichlorobenzene	6.881	146	186437	42.489	ng	98
14) 1,2-Dichlorobenzene	7.034	146	176013	41.851	ng	98
15) Benzyl Alcohol	7.004	79	137467	42.333	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.134	45	297869	44.304	ng	91
17) 2-Methylphenol	7.122	107	118328	41.906	ng	97
18) Hexachloroethane	7.375	117	59928	41.109	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	107903	39.969	ng	97
20) 3+4-Methylphenols	7.275	107	137636	41.350	ng	# 90
22) Acetophenone	7.275	105	212623	46.094	ng	99
24) Nitrobenzene	7.445	77	170386	42.149	ng	99
25) Isophorone	7.687	82	298440	42.378	ng	98
26) 2-Nitrophenol	7.763	139	86378	43.166	ng	95
27) 2,4-Dimethylphenol	7.798	122	138962	46.332	ng	98
28) bis(2-Chloroethoxy)met...	7.892	93	190516	43.322	ng	97
29) 2,4-Dichlorophenol	8.004	162	140533	40.653	ng	99
30) 1,2,4-Trichlorobenzene	8.087	180	152920	43.080	ng	95
31) Naphthalene	8.169	128	425410	41.590	ng	99
32) Benzoic acid	7.928	122	96806	44.032	ng	93
33) 4-Chloroaniline	8.216	127	91460	24.516	ng	97
34) Hexachlorobutadiene	8.281	225	102044	38.144	ng	97
35) Caprolactam	8.586	113	38486	40.637	ng	97
36) 4-Chloro-3-methylphenol	8.704	107	123985	40.020	ng	97
37) 2-Methylnaphthalene	8.857	142	259698	37.974	ng	100
38) 1-Methylnaphthalene	8.957	142	260730	39.512	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	173766	46.936	ng	99
41) Hexachlorocyclopentadiene	9.010	237	104969	74.614	ng	98
43) 2,4,6-Trichlorophenol	9.139	196	104210	41.357	ng	99

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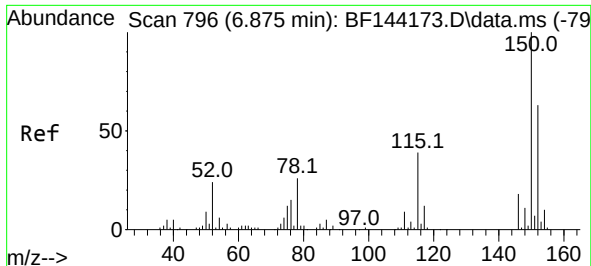
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	107968	39.756	ng	99
46) 1,1'-Biphenyl	9.322	154	371956	47.171	ng	100
47) 2-Chloronaphthalene	9.351	162	282974	42.070	ng	100
48) 2-Nitroaniline	9.445	65	83017	42.776	ng	99
49) Acenaphthylene	9.763	152	437028	47.679	ng	99
50) Dimethylphthalate	9.622	163	313971	41.954	ng	99
51) 2,6-Dinitrotoluene	9.686	165	65786	43.425	ng	96
52) Acenaphthene	9.939	154	232690	37.963	ng	98
53) 3-Nitroaniline	9.863	138	49130	29.667	ng	95
54) 2,4-Dinitrophenol	9.975	184	65990	72.136	ng	98
55) Dibenzofuran	10.110	168	352656	41.081	ng	98
56) 4-Nitrophenol	10.033	139	73968	61.747	ng	93
57) 2,4-Dinitrotoluene	10.098	165	86358	42.582	ng	98
58) Fluorene	10.451	166	272873	41.808	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	79071	41.152	ng	99
60) Diethylphthalate	10.322	149	278032	40.302	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	148145	39.847	ng	99
62) 4-Nitroaniline	10.475	138	58689	37.213	ng	91
63) Azobenzene	10.604	77	272308	42.412	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	48110	41.170	ng	97
66) n-Nitrosodiphenylamine	10.563	169	255574	46.195	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	95671	43.574	ng	99
68) Hexachlorobenzene	11.004	284	112762	43.603	ng	97
69) Atrazine	11.092	200	76387	43.415	ng	99
70) Pentachlorophenol	11.204	266	100446	77.998	ng	99
71) Phenanthrene	11.422	178	370963	43.315	ng	100
72) Anthracene	11.469	178	375519	43.121	ng	99
73) Carbazole	11.627	167	315715	42.634	ng	99
74) Di-n-butylphthalate	11.951	149	379255	42.365	ng	99
75) Fluoranthene	12.610	202	368758	41.682	ng	98
77) Benzidine	12.733	184	70745	18.863	ng	97
78) Pyrene	12.839	202	379480	37.120	ng	99
80) Butylbenzylphthalate	13.457	149	147754	41.701	ng	96
81) Benzo(a)anthracene	14.033	228	379990	43.241	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	109988	36.514	ng	97
83) Chrysene	14.074	228	359650	44.335	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	216042	44.541	ng	100
85) Di-n-octyl phthalate	14.627	149	405801	48.491	ng	99
87) Indeno(1,2,3-cd)pyrene	17.039	276	502518	44.533	ng	97
88) Benzo(b)fluoranthene	15.092	252	454177	50.821	ng	99
89) Benzo(k)fluoranthene	15.121	252	386995	46.264	ng	100
90) Benzo(a)pyrene	15.468	252	407948	49.481	ng	96
91) Dibenzo(a,h)anthracene	17.051	278	415433	45.842	ng	98
92) Benzo(g,h,i)perylene	17.492	276	419604	46.888	ng	99

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

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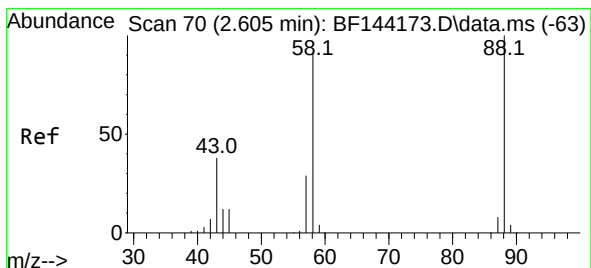
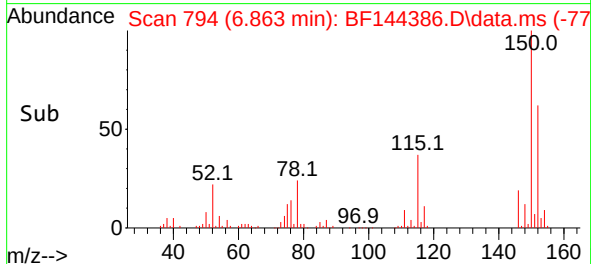
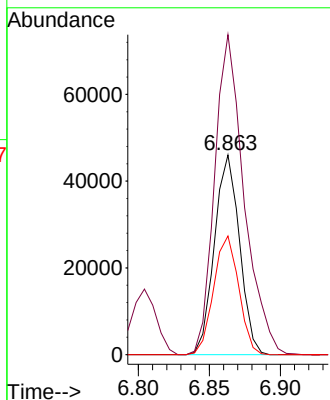
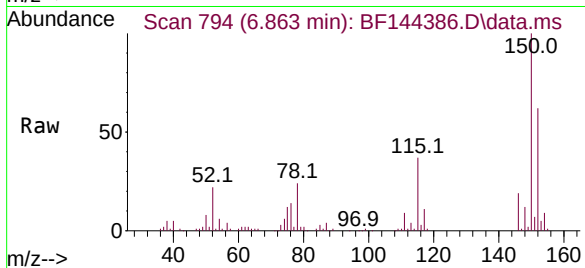




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

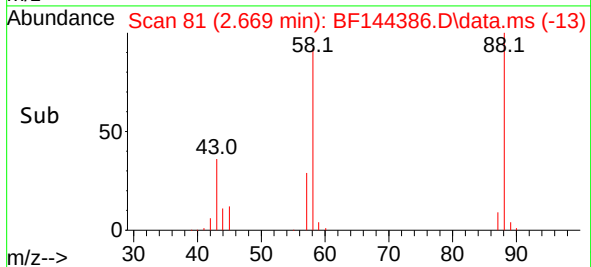
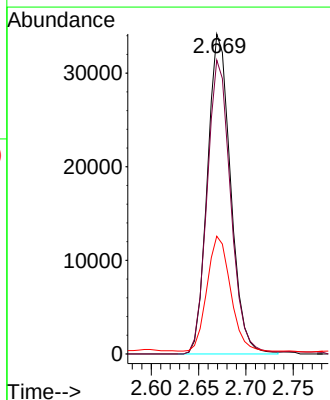
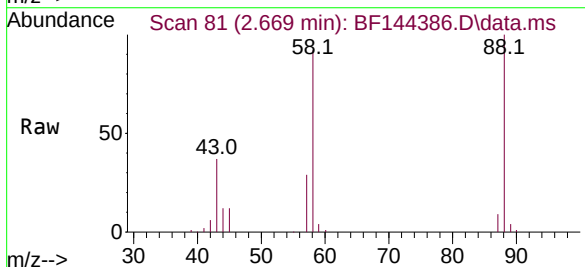
Instrument :
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ClientSampleId :
PB170763BS

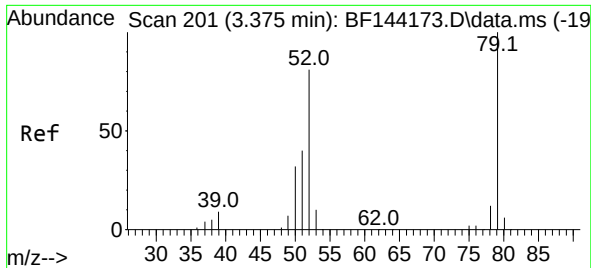
Tgt Ion:152 Resp: 56637
Ion Ratio Lower Upper
152 100
150 160.3 127.4 191.0
115 59.4 49.5 74.3



#2
1,4-Dioxane
Concen: 38.873 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.053 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

Tgt Ion: 88 Resp: 58166
Ion Ratio Lower Upper
88 100
58 93.3 73.1 109.7
43 36.3 31.0 46.6





#3

Pyridine

Concen: 35.175 ng

RT: 3.446 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF144386.D

Acq: 01 Dec 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170763BS

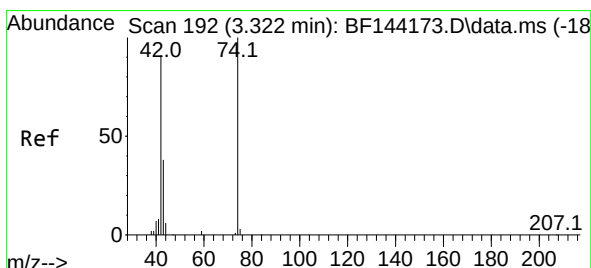
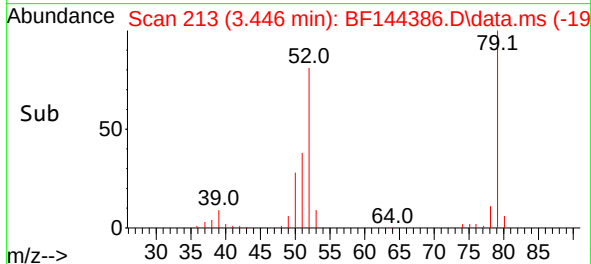
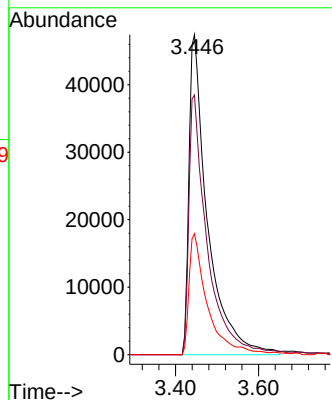
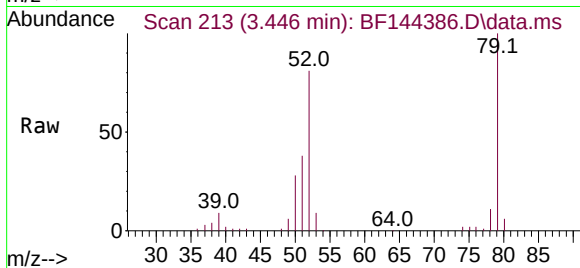
Tgt Ion: 79 Resp: 146839

Ion Ratio Lower Upper

79 100

52 81.1 64.5 96.7

51 37.8 31.7 47.5



#4

n-Nitrosodimethylamine

Concen: 40.666 ng

RT: 3.387 min Scan# 203

Delta R.T. 0.041 min

Lab File: BF144386.D

Acq: 01 Dec 2025 14:40

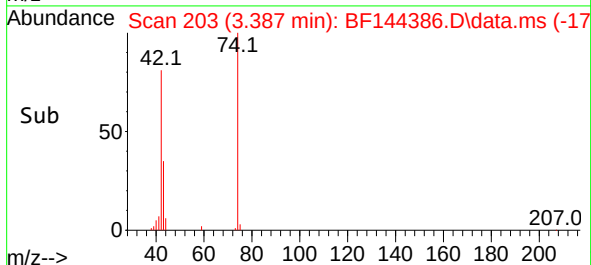
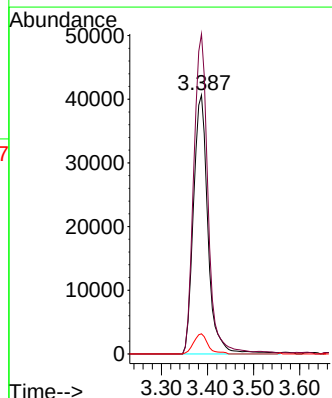
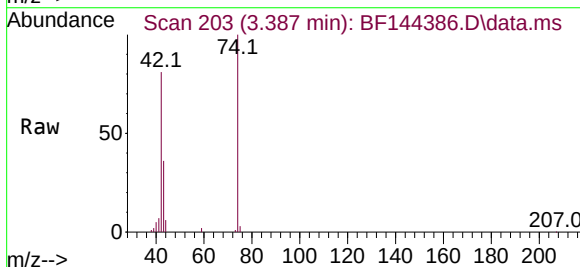
Tgt Ion: 42 Resp: 88674

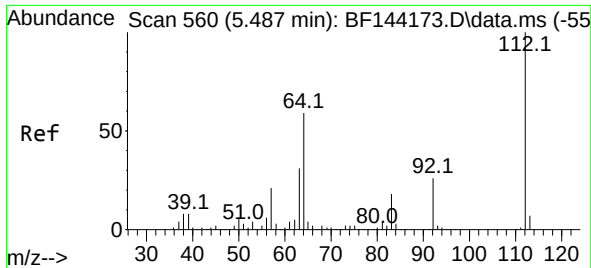
Ion Ratio Lower Upper

42 100

74 123.6 88.2 132.4

44 7.8 5.7 8.5

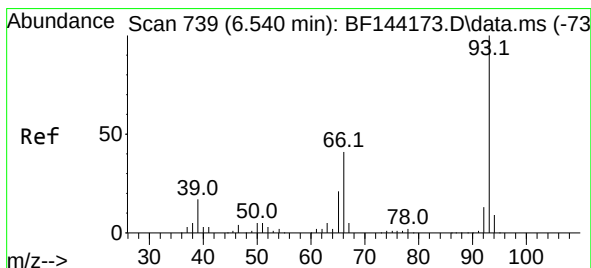
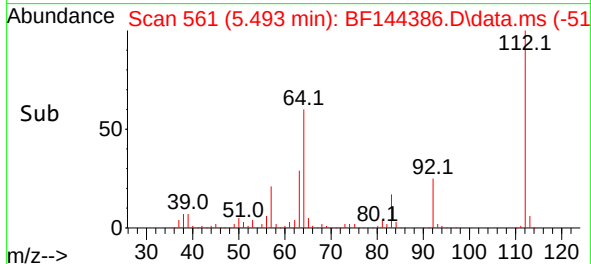
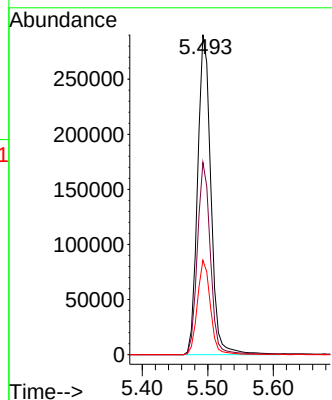
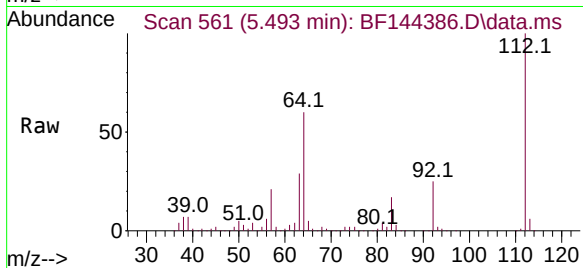




#5
2-Fluorophenol
Concen: 112.515 ng
RT: 5.493 min Scan# 50
Delta R.T. -0.000 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

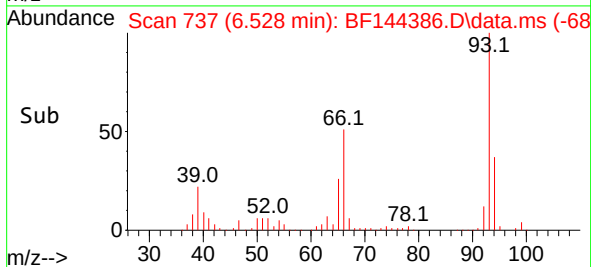
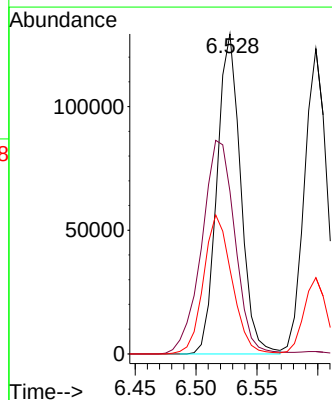
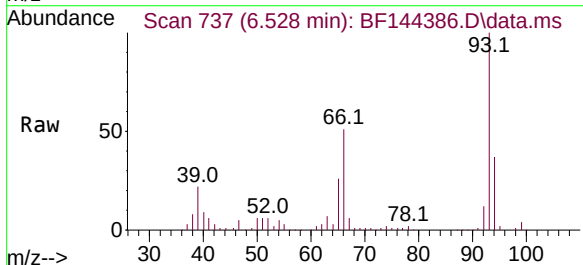
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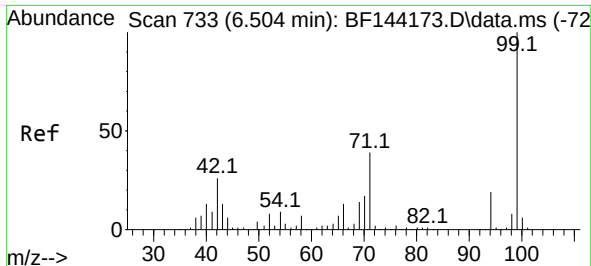
Tgt Ion:112 Resp: 407223
Ion Ratio Lower Upper
112 100
64 60.1 47.2 70.8
63 29.5 24.4 36.6



#6
Aniline
Concen: 29.862 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

Tgt Ion: 93 Resp: 174476
Ion Ratio Lower Upper
93 100
66 50.8 34.3 51.5
65 26.4 16.9 25.3#

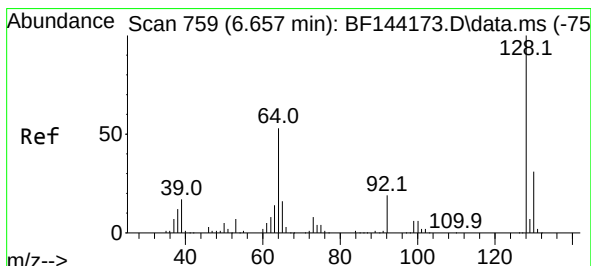
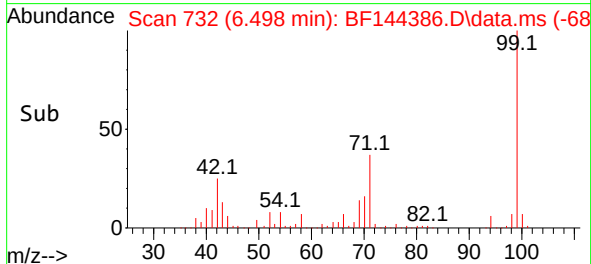
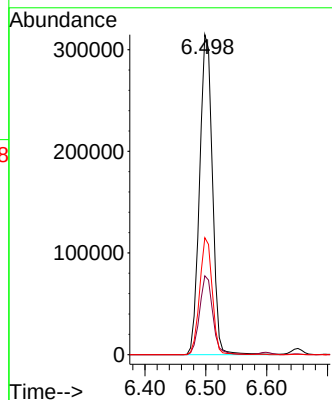
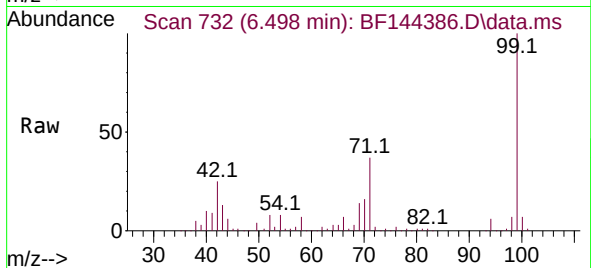




#7
Phenol-d6
Concen: 112.128 ng
RT: 6.498 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

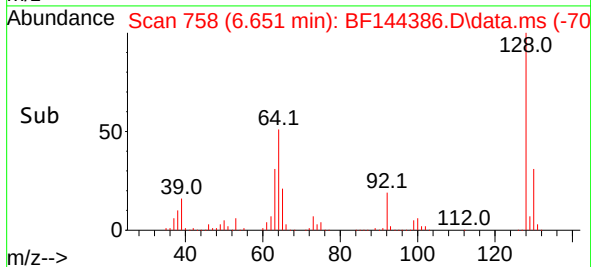
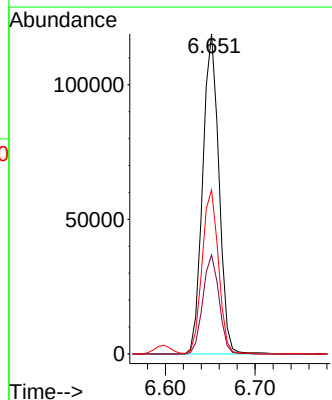
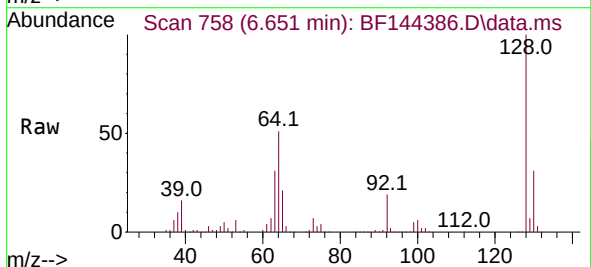
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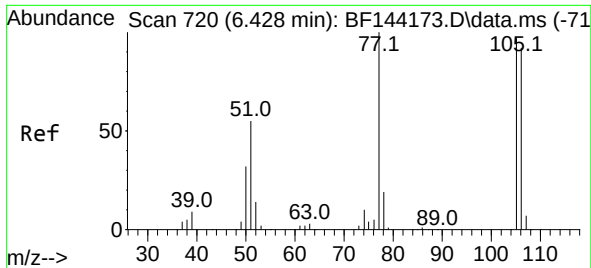
Tgt Ion: 99 Resp: 459827
Ion Ratio Lower Upper
99 100
42 24.6 20.9 31.3
71 36.6 31.4 47.2



#8
2-Chlorophenol
Concen: 42.129 ng
RT: 6.651 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

Tgt Ion:128 Resp: 149533
Ion Ratio Lower Upper
128 100
130 30.9 10.5 50.5
64 51.3 33.2 73.2

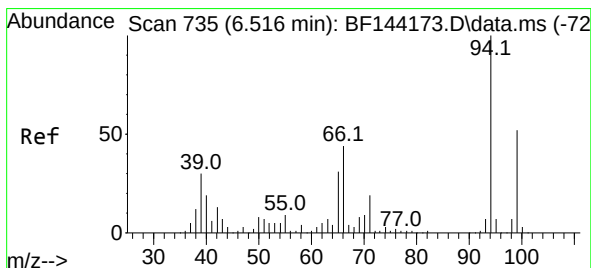
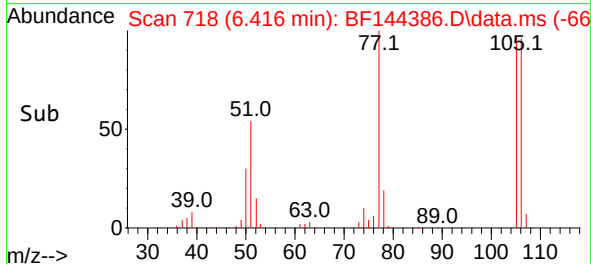
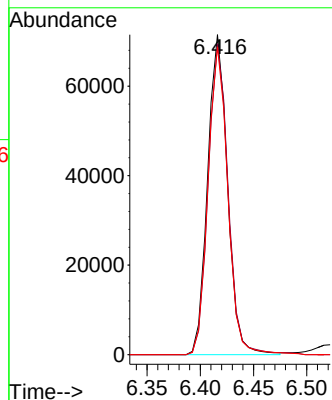
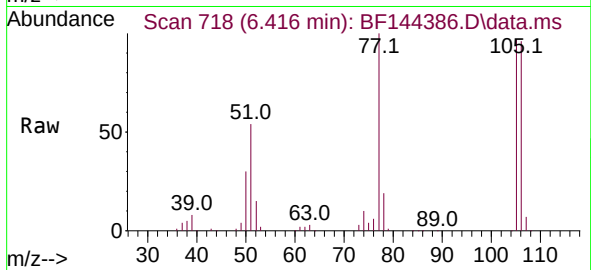




#9
Benzaldehyde
Concen: 39.942 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

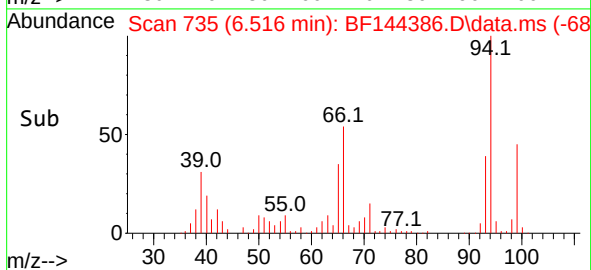
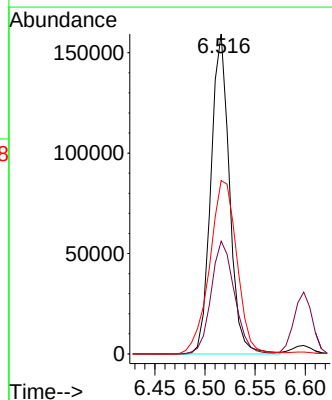
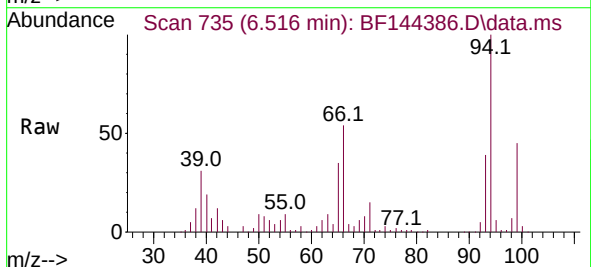
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ClientSampleId :
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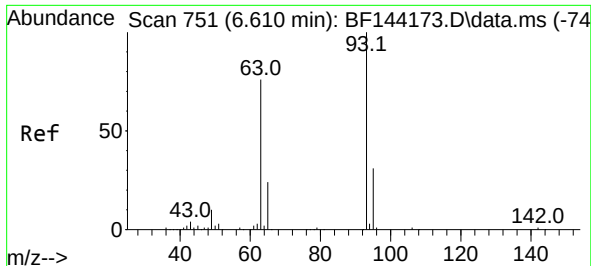
Tgt Ion: 77 Resp: 92494
Ion Ratio Lower Upper
77 100
105 97.1 77.2 117.2
106 96.2 72.2 112.2



#10
Phenol
Concen: 40.900 ng
RT: 6.516 min Scan# 735
Delta R.T. 0.006 min
Lab File: BF144386.D
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Tgt Ion: 94 Resp: 204930
Ion Ratio Lower Upper
94 100
65 35.3 10.8 50.8
66 54.2 24.3 64.3

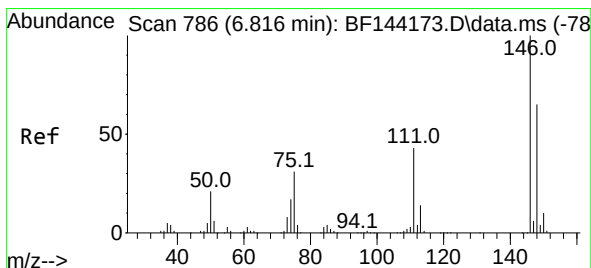
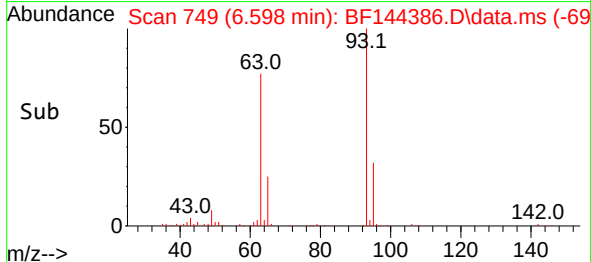
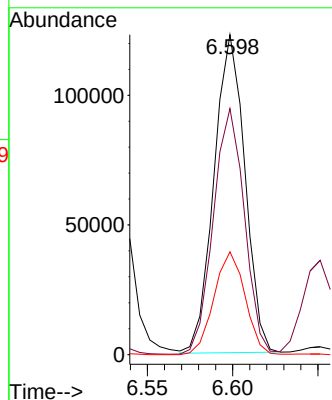
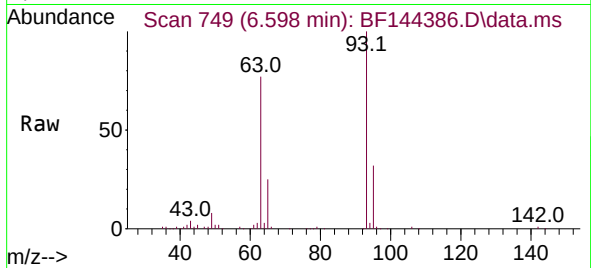




#11
bis(2-Chloroethyl)ether
Concen: 42.366 ng
RT: 6.598 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

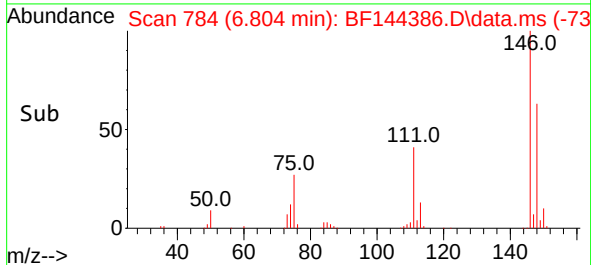
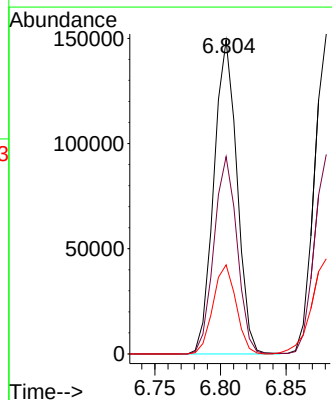
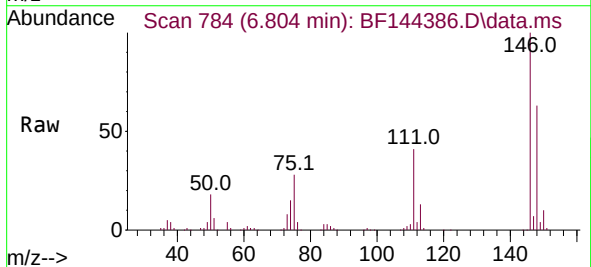
Instrument :
BNA_F
ClientSampleId :
PB170763BS

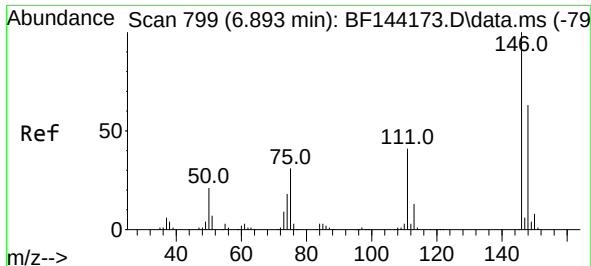
Tgt Ion: 93 Resp: 154676
Ion Ratio Lower Upper
93 100
63 76.9 55.2 95.2
95 32.1 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 41.832 ng
RT: 6.804 min Scan# 784
Delta R.T. -0.012 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

Tgt Ion:146 Resp: 183216
Ion Ratio Lower Upper
146 100
148 62.9 51.8 77.8
75 28.4 25.0 37.4

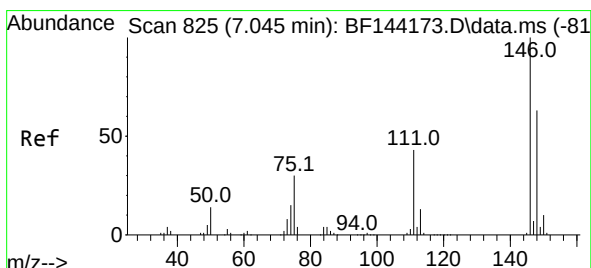
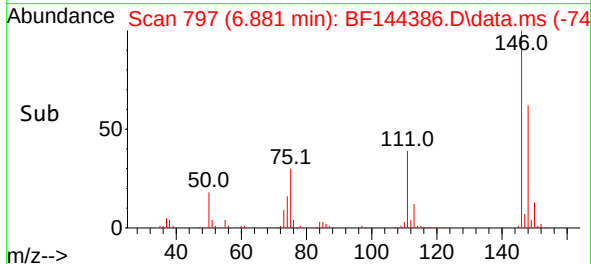
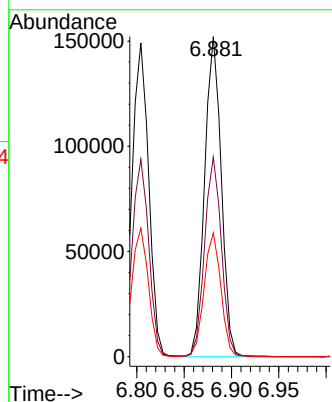
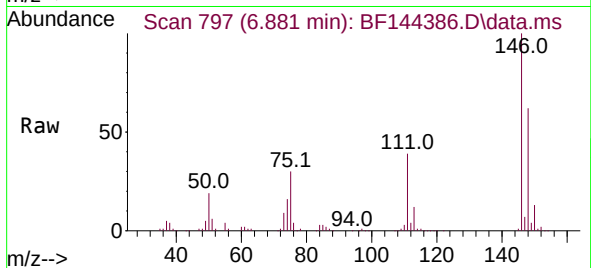




#13
1,4-Dichlorobenzene
Concen: 42.489 ng
RT: 6.881 min Scan# 799
Delta R.T. -0.012 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

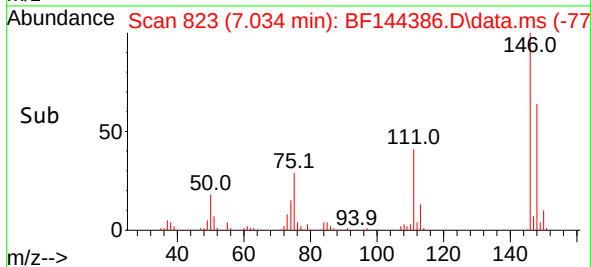
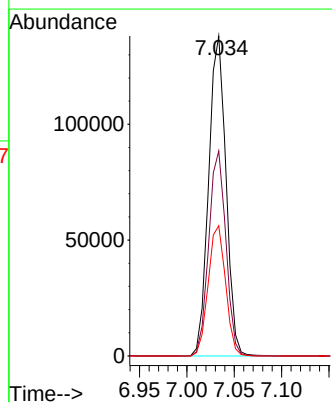
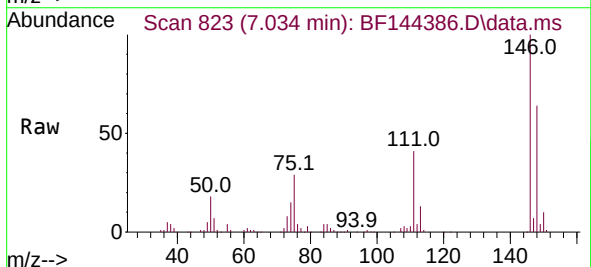
Instrument :
BNA_F
ClientSampleId :
PB170763BS

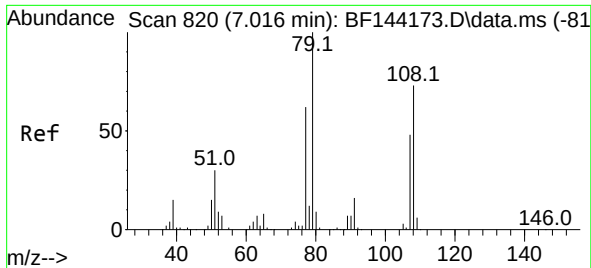
Tgt Ion:146 Resp: 186437
Ion Ratio Lower Upper
146 100
148 62.3 50.2 75.2
111 38.7 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 41.851 ng
RT: 7.034 min Scan# 823
Delta R.T. -0.012 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

Tgt Ion:146 Resp: 176013
Ion Ratio Lower Upper
146 100
148 64.0 50.7 76.1
111 40.7 34.2 51.4

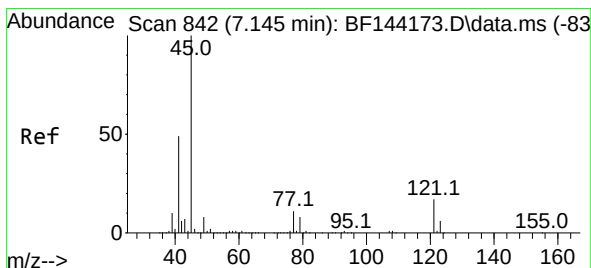
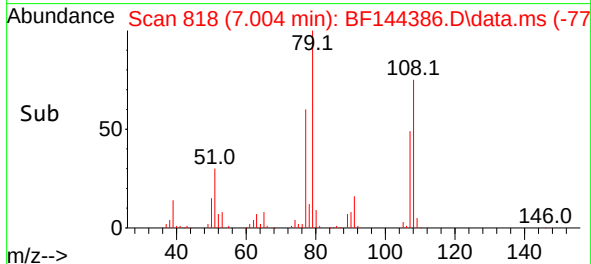
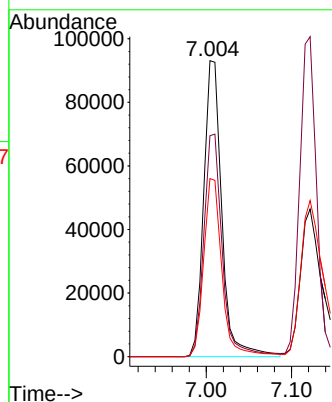
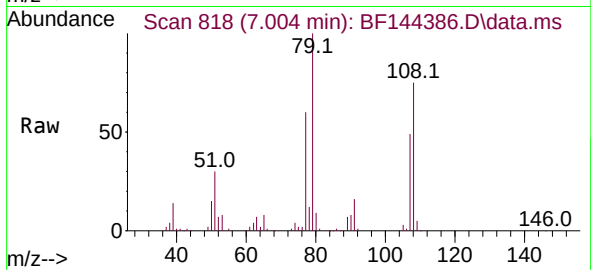




#15
Benzyl Alcohol
Concen: 42.333 ng
RT: 7.004 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

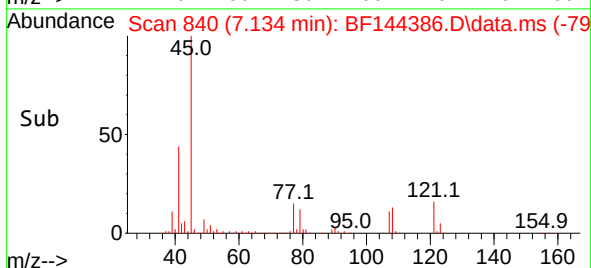
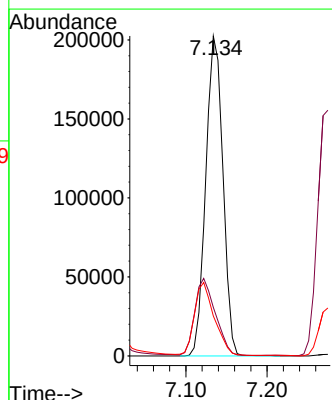
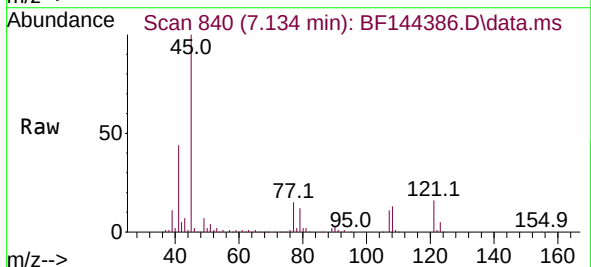
Instrument :
BNA_F
ClientSampleId :
PB170763BS

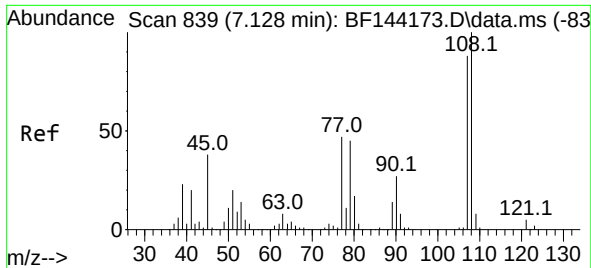
Tgt Ion: 79 Resp: 137467
Ion Ratio Lower Upper
79 100
108 74.7 58.2 87.4
77 60.2 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.304 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

Tgt Ion: 45 Resp: 297869
Ion Ratio Lower Upper
45 100
77 15.2 0.0 31.8
79 12.5 0.0 29.1

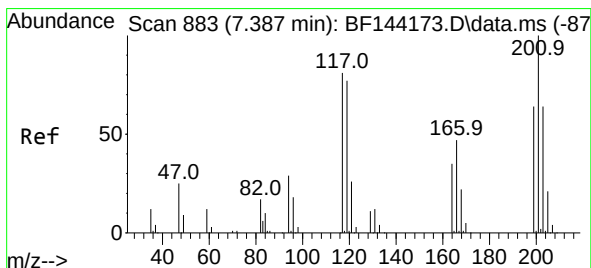
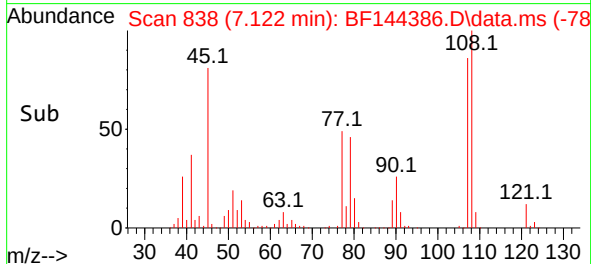
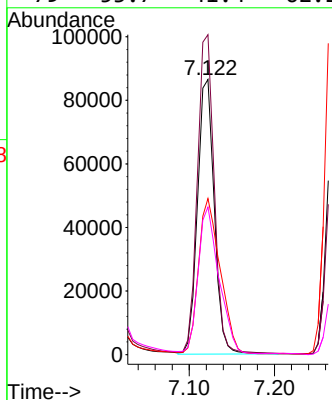
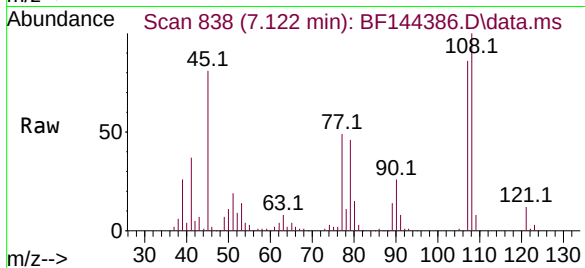




#17
2-Methylphenol
Concen: 41.906 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

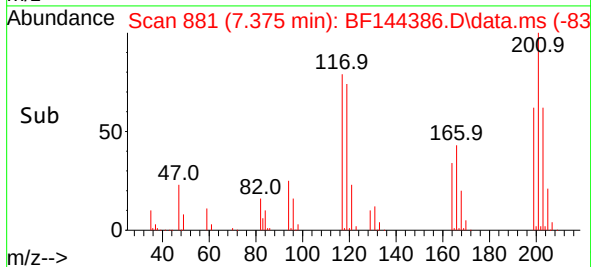
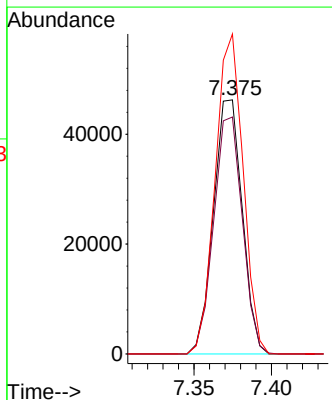
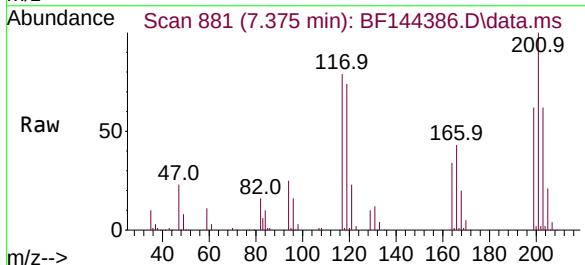
Instrument :
BNA_F
ClientSampleId :
PB170763BS

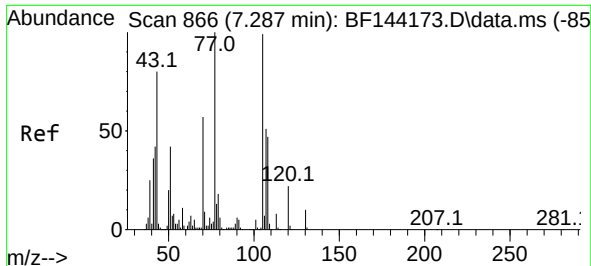
Tgt Ion:107	Resp:	118328
Ion	Ratio	Lower Upper
107	100	
108	116.3	91.0 136.4
77	56.7	42.7 64.1
79	53.7	41.4 62.2



#18
Hexachloroethane
Concen: 41.109 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

Tgt Ion:117	Resp:	59928
Ion	Ratio	Lower Upper
117	100	
119	93.3	75.8 113.8
201	125.9	98.9 148.3



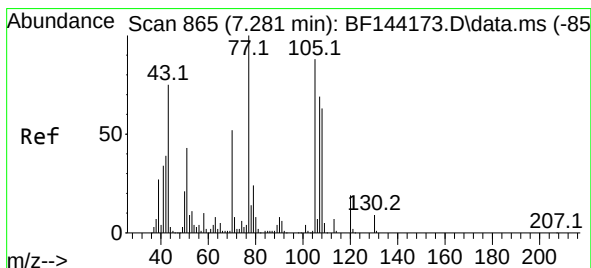
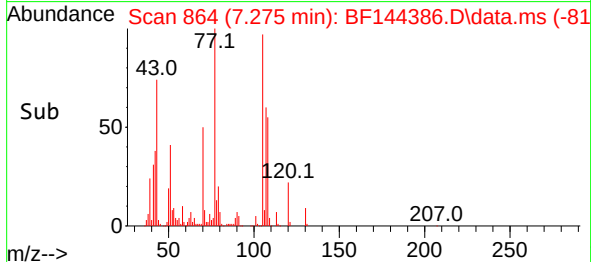
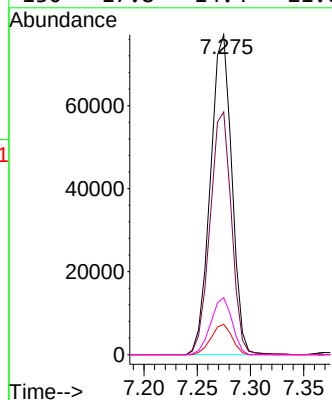
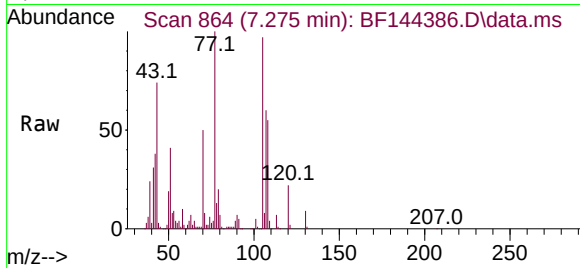


#19
n-Nitroso-di-n-propylamine
Concen: 39.969 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

Instrument :
BNA_F
ClientSampleId :
PB170763BS

Tgt Ion: 70 Resp: 107903

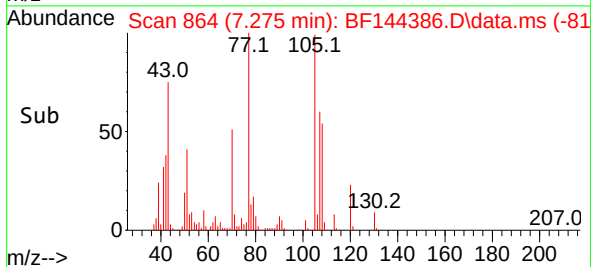
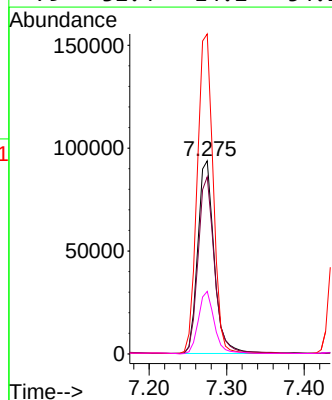
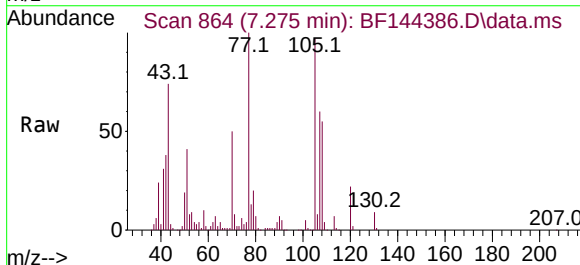
Ion	Ratio	Lower	Upper
70	100		
42	75.8	58.3	87.5
101	9.5	7.0	10.6
130	17.8	14.4	21.6

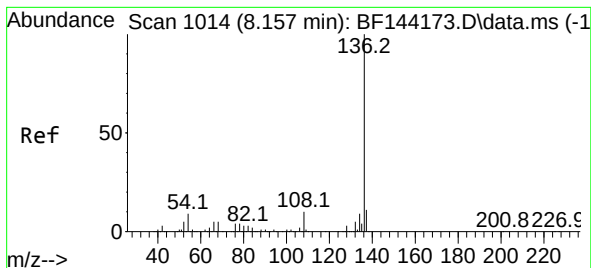


#20
3+4-Methylphenols
Concen: 41.350 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

Tgt Ion: 107 Resp: 137636

Ion	Ratio	Lower	Upper
107	100		
108	91.8	70.2	110.2
77	165.8	123.9	163.9#
79	32.4	14.2	54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 10

Delta R.T. -0.012 min

Lab File: BF144386.D

Acq: 01 Dec 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170763BS

Tgt Ion:136 Resp: 215029

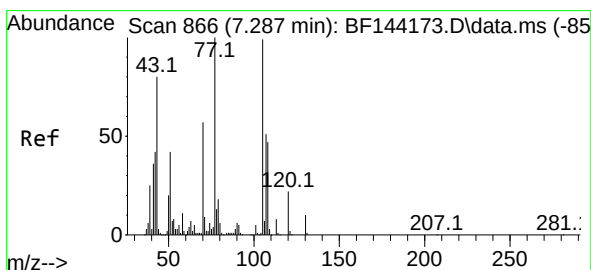
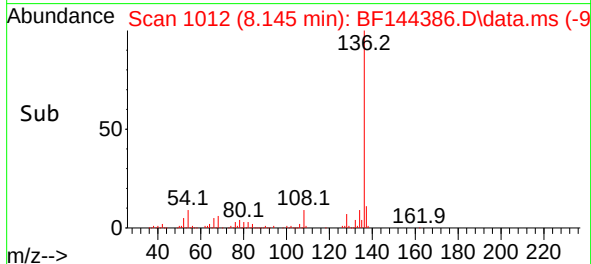
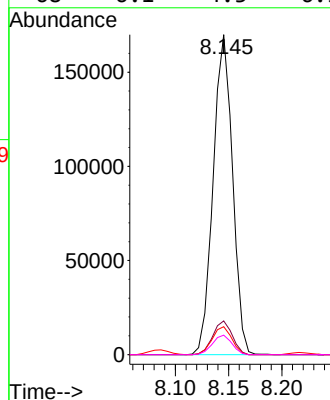
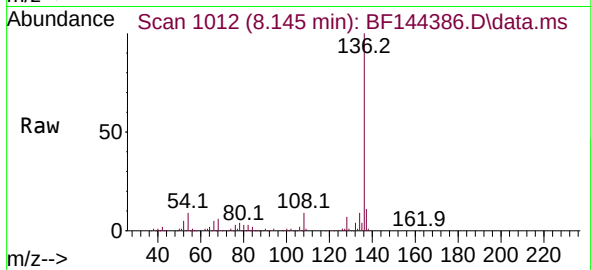
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 8.7 7.0 10.6

68 6.1 4.3 6.5



#22

Acetophenone

Concen: 46.094 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.006 min

Lab File: BF144386.D

Acq: 01 Dec 2025 14:40

Tgt Ion:105 Resp: 212623

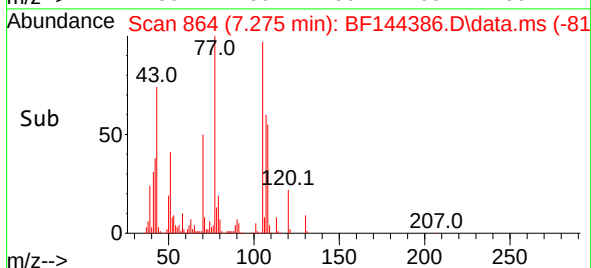
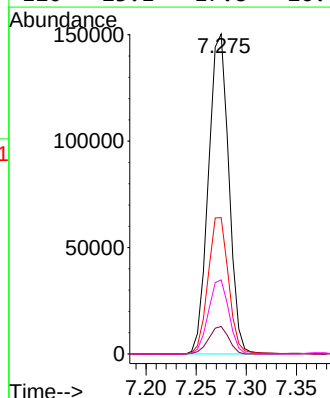
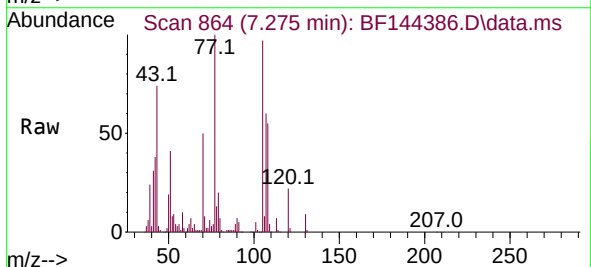
Ion Ratio Lower Upper

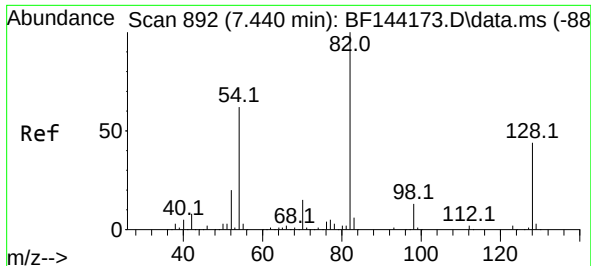
105 100

71 8.6 7.2 10.8

51 42.6 34.0 51.0

120 23.1 17.8 26.6





#23

Nitrobenzene-d5

Concen: 78.155 ng

RT: 7.428 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF144386.D

Acq: 01 Dec 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170763BS

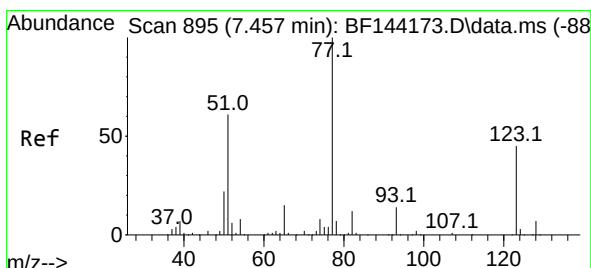
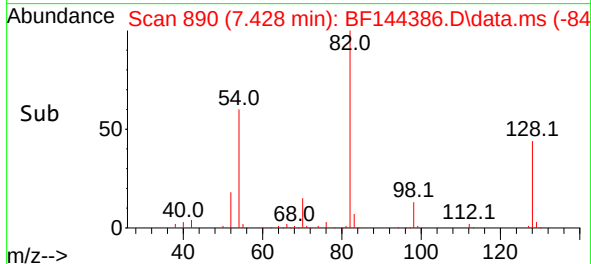
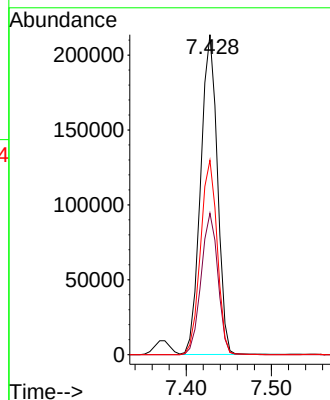
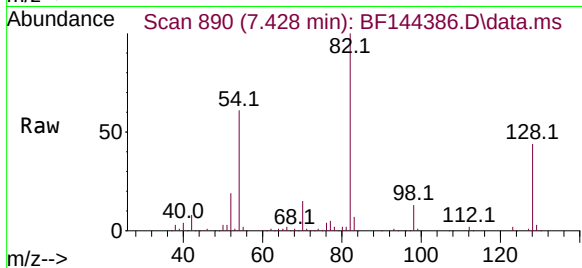
Tgt Ion: 82 Resp: 290982

Ion Ratio Lower Upper

82 100

128 44.2 34.7 52.1

54 60.7 49.5 74.3



#24

Nitrobenzene

Concen: 42.149 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.006 min

Lab File: BF144386.D

Acq: 01 Dec 2025 14:40

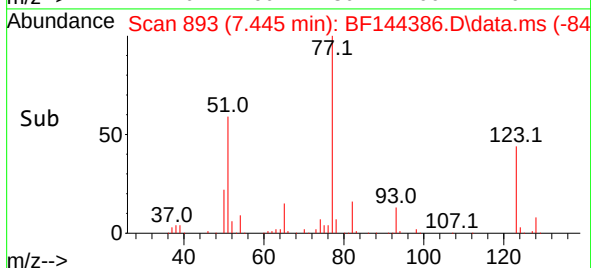
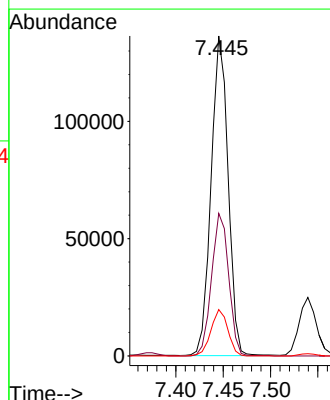
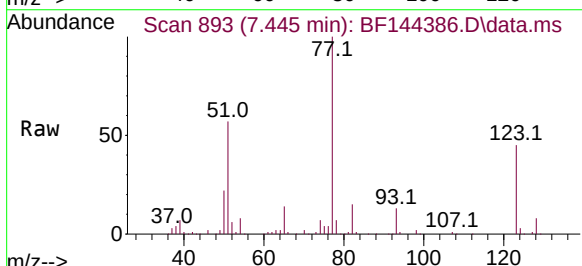
Tgt Ion: 77 Resp: 170386

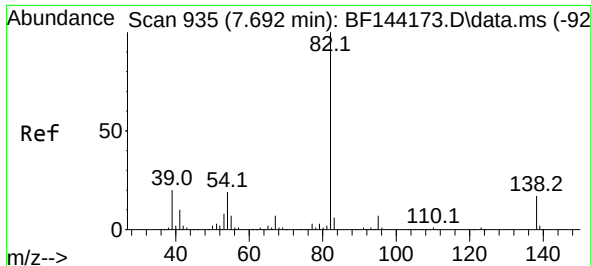
Ion Ratio Lower Upper

77 100

123 44.5 35.8 53.8

65 14.5 12.2 18.2

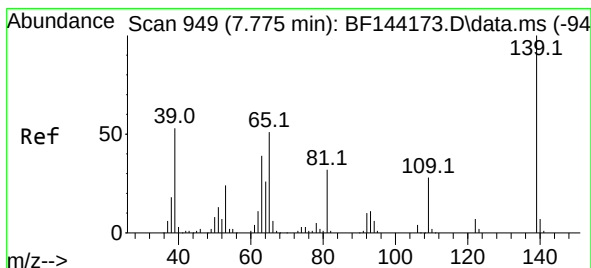
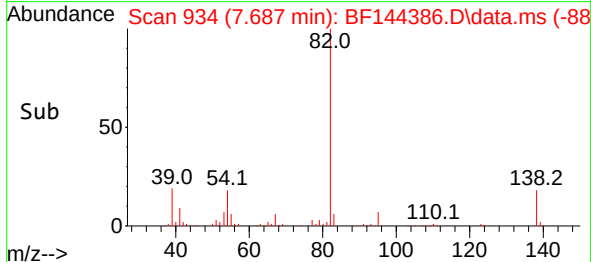
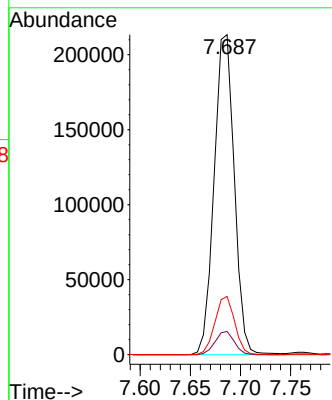
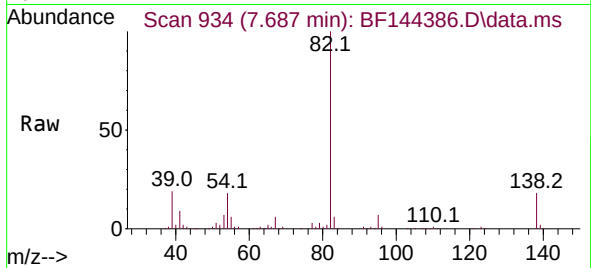




#25
Isophorone
Concen: 42.378 ng
RT: 7.687 min Scan# 935
Delta R.T. -0.000 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

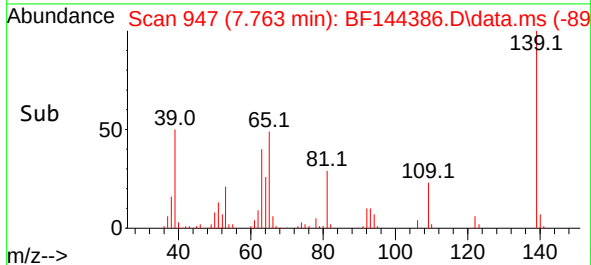
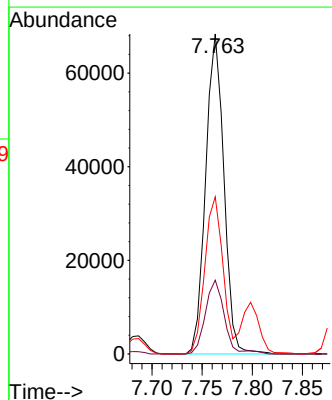
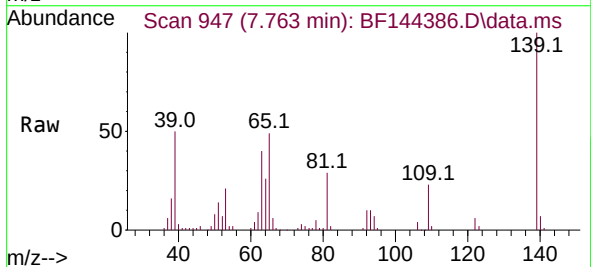
Instrument :
BNA_F
ClientSampleId :
PB170763BS

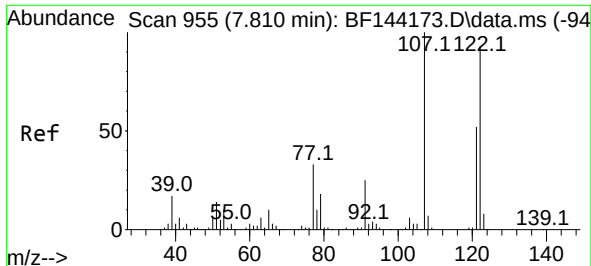
Tgt Ion: 82 Resp: 298440
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 18.2 13.7 20.5



#26
2-Nitrophenol
Concen: 43.166 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.012 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

Tgt Ion: 139 Resp: 86378
Ion Ratio Lower Upper
139 100
109 23.0 22.2 33.2
65 49.1 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 46.332 ng

RT: 7.798 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF144386.D

Acq: 01 Dec 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170763BS

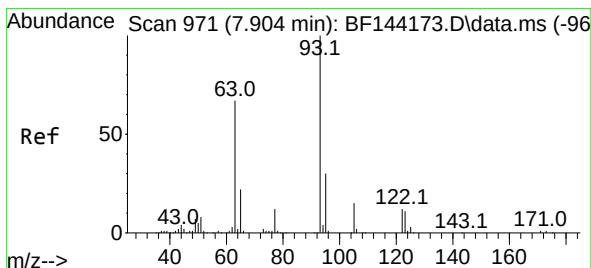
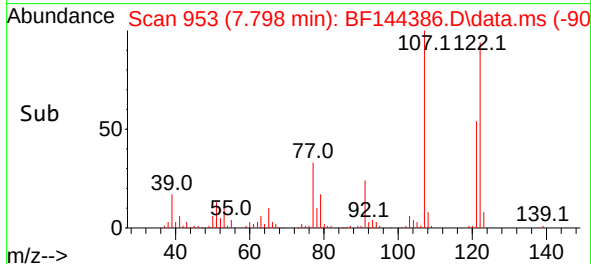
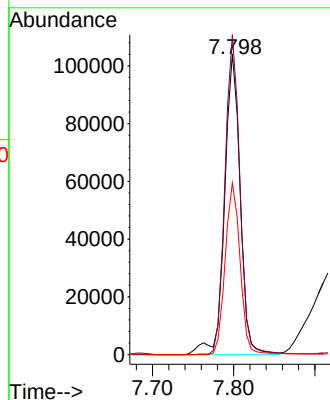
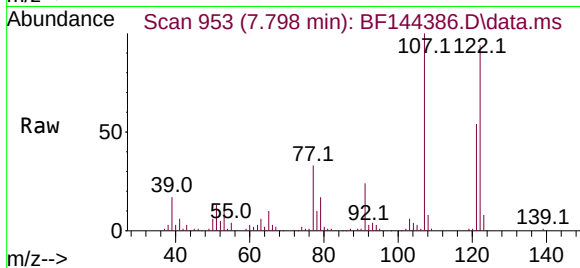
Tgt Ion:122 Resp: 138962

Ion Ratio Lower Upper

122 100

107 106.4 86.2 129.4

121 57.1 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 43.322 ng

RT: 7.892 min Scan# 969

Delta R.T. -0.006 min

Lab File: BF144386.D

Acq: 01 Dec 2025 14:40

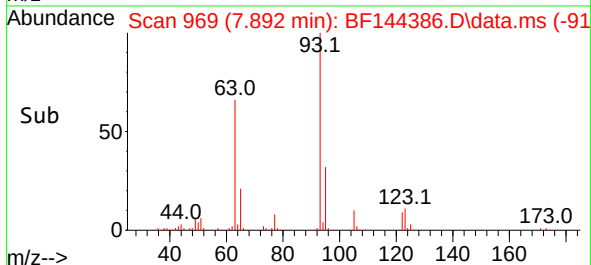
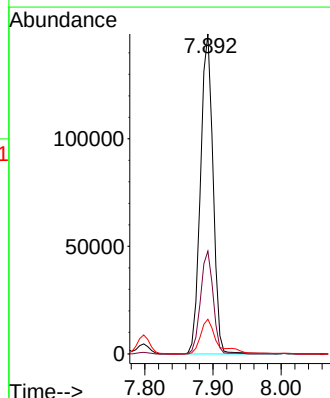
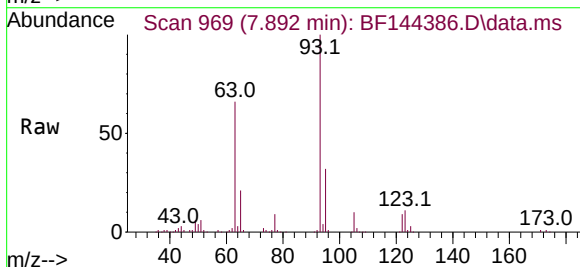
Tgt Ion: 93 Resp: 190516

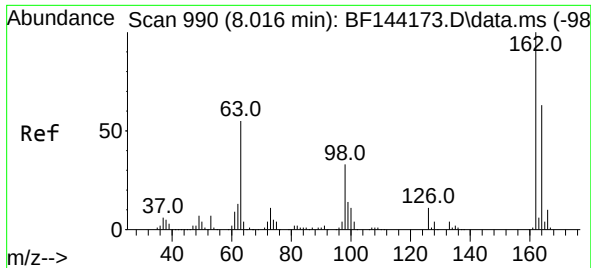
Ion Ratio Lower Upper

93 100

95 32.1 24.2 36.4

123 10.8 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 40.653 ng

RT: 8.004 min Scan# 98

Delta R.T. -0.012 min

Lab File: BF144386.D

Acq: 01 Dec 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170763BS

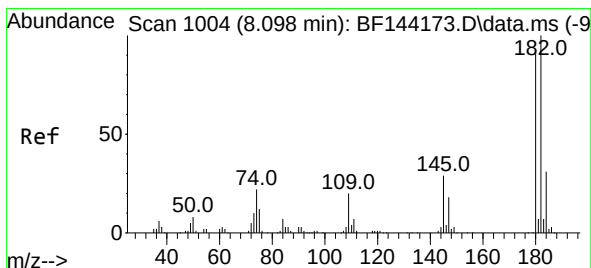
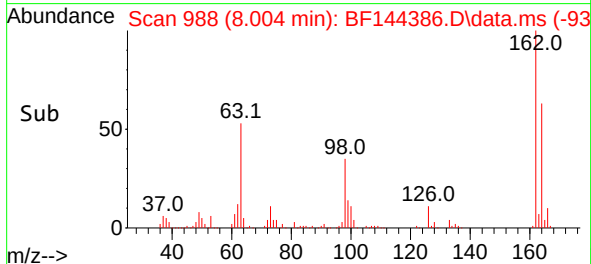
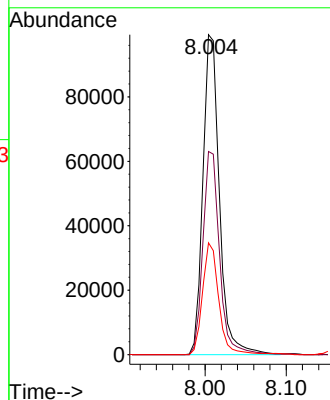
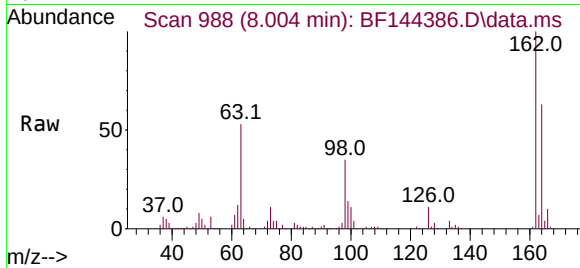
Tgt Ion:162 Resp: 140533

Ion Ratio Lower Upper

162 100

164 63.5 42.9 82.9

98 34.9 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 43.080 ng

RT: 8.087 min Scan# 1002

Delta R.T. -0.012 min

Lab File: BF144386.D

Acq: 01 Dec 2025 14:40

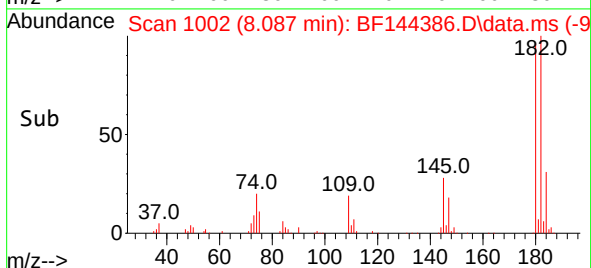
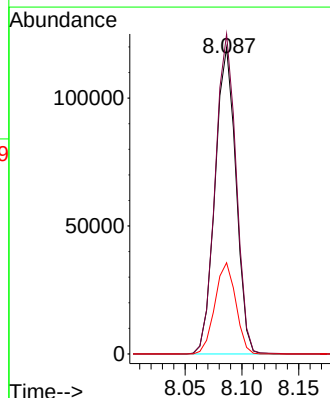
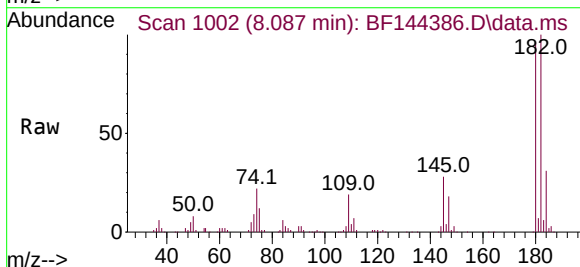
Tgt Ion:180 Resp: 152920

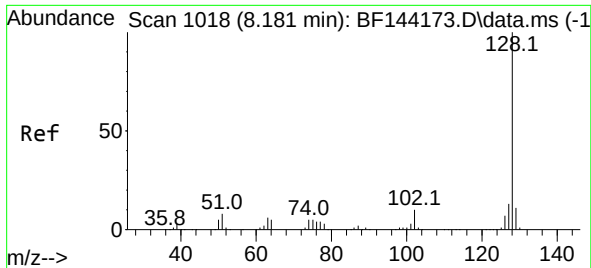
Ion Ratio Lower Upper

180 100

182 104.5 87.7 131.5

145 29.7 25.4 38.0

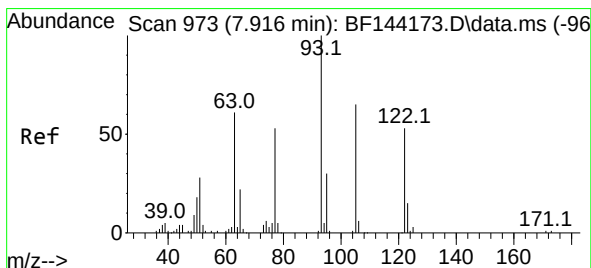
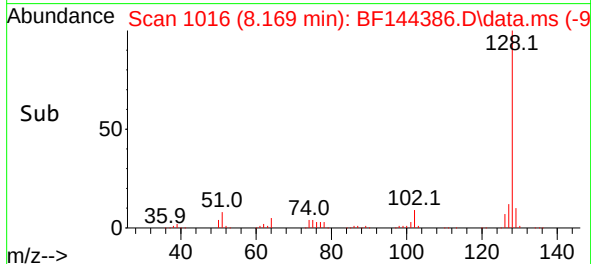
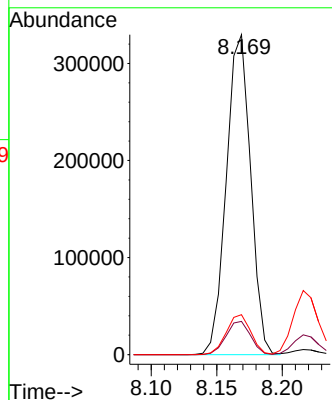
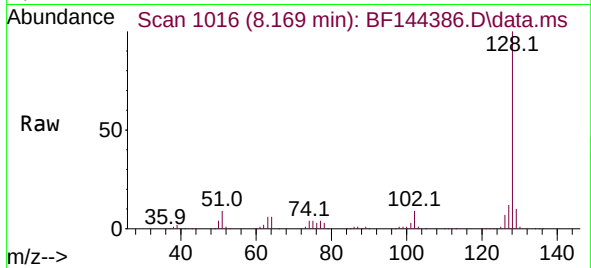




#31
Naphthalene
Concen: 41.590 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

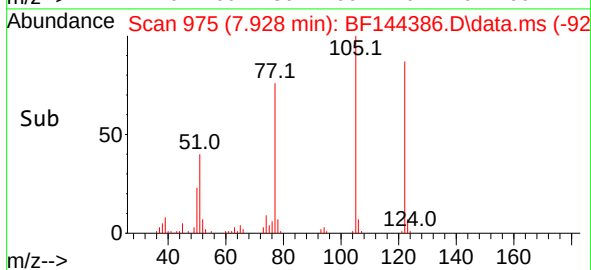
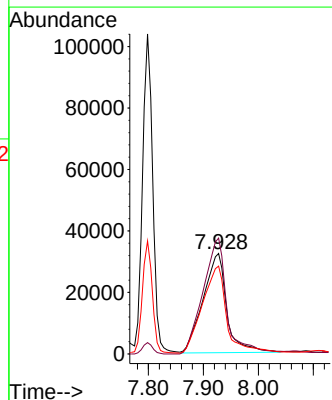
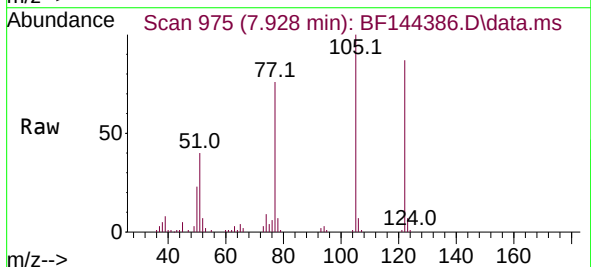
Instrument :
BNA_F
ClientSampleId :
PB170763BS

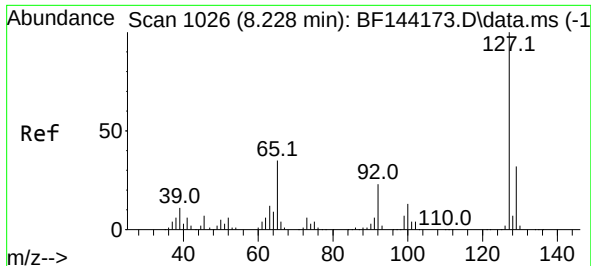
Tgt Ion:128 Resp: 425410
Ion Ratio Lower Upper
128 100
129 10.4 8.9 13.3
127 12.5 10.3 15.5



#32
Benzoic acid
Concen: 44.032 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.023 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

Tgt Ion:122 Resp: 96806
Ion Ratio Lower Upper
122 100
105 115.4 99.9 139.9
77 87.5 77.5 117.5

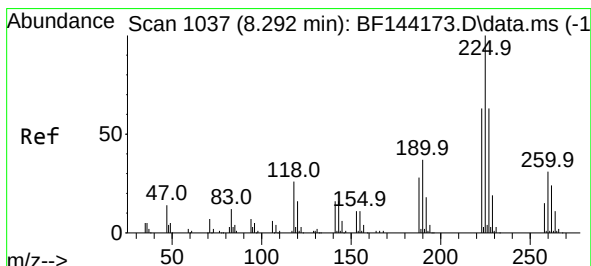
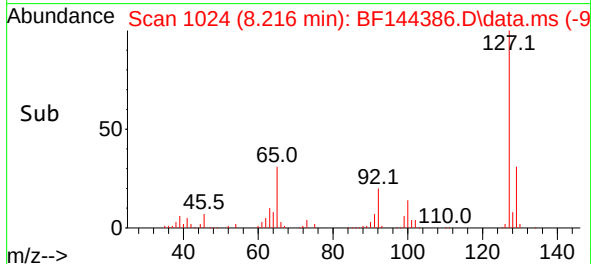
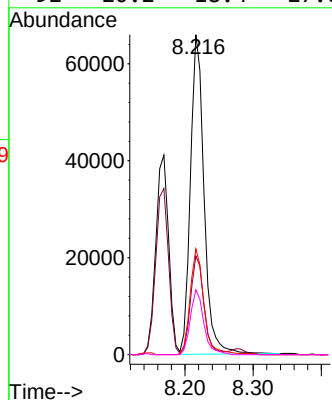
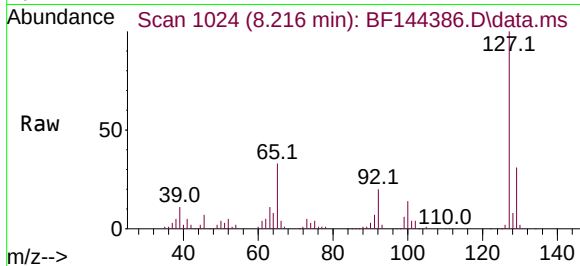




#33
4-Chloroaniline
Concen: 24.516 ng
RT: 8.216 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

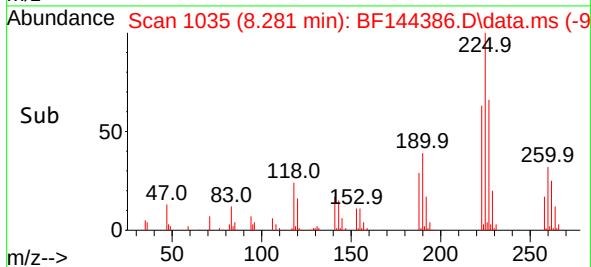
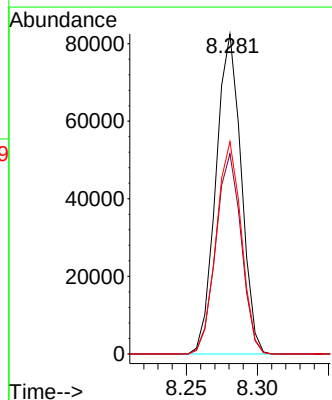
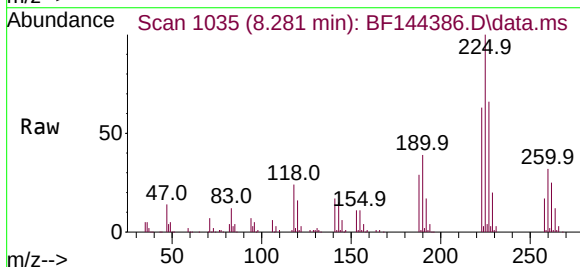
Instrument :
BNA_F
ClientSampleId :
PB170763BS

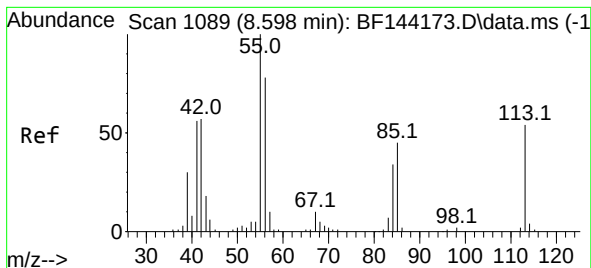
Tgt Ion:	127	Resp:	91460
Ion	Ratio	Lower	Upper
127	100		
129	30.8	25.3	37.9
65	33.0	27.6	41.4
92	20.2	18.4	27.6



#34
Hexachlorobutadiene
Concen: 38.144 ng
RT: 8.281 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

Tgt Ion:	225	Resp:	102044
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.2	75.4
227	66.3	50.1	75.1





#35

Caprolactam

Concen: 40.637 ng

RT: 8.586 min Scan# 1107

Delta R.T. -0.035 min

Lab File: BF144386.D

Acq: 01 Dec 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170763BS

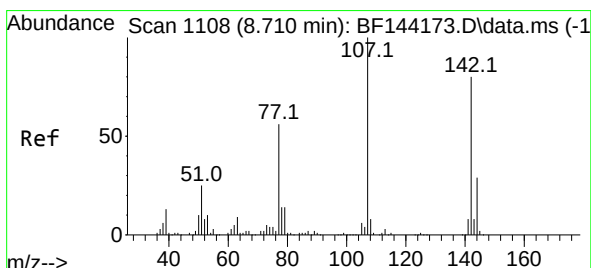
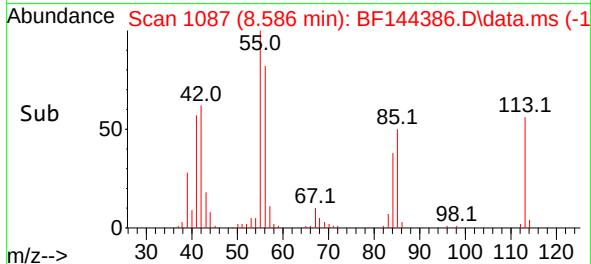
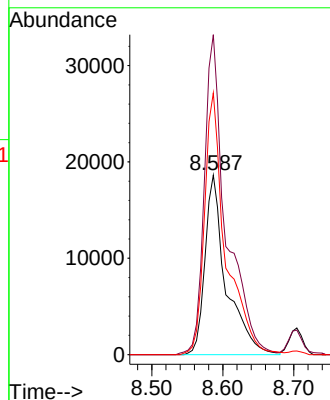
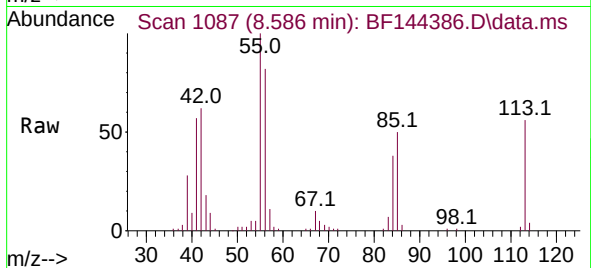
Tgt Ion:113 Resp: 38486

Ion Ratio Lower Upper

113 100

55 178.3 166.8 206.8

56 145.8 125.9 165.9



#36

4-Chloro-3-methylphenol

Concen: 40.020 ng

RT: 8.704 min Scan# 1107

Delta R.T. -0.000 min

Lab File: BF144386.D

Acq: 01 Dec 2025 14:40

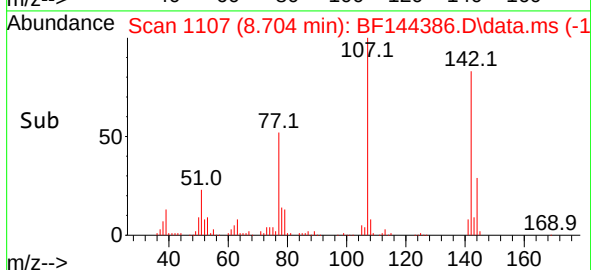
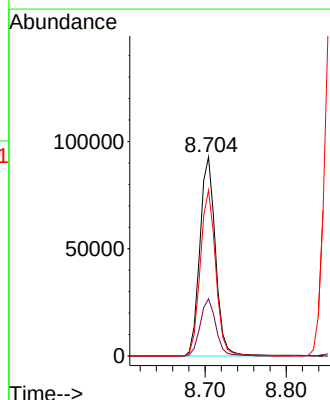
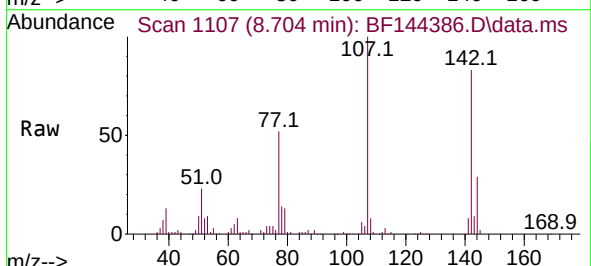
Tgt Ion:107 Resp: 123985

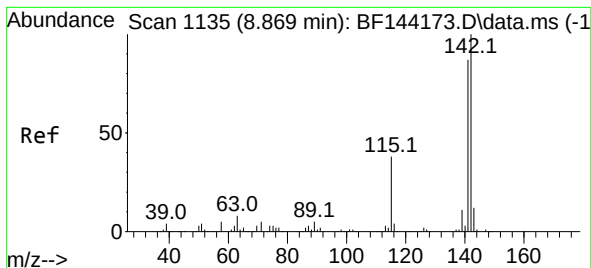
Ion Ratio Lower Upper

107 100

144 28.7 23.3 34.9

142 83.3 63.8 95.6





#37

2-Methylnaphthalene

Concen: 37.974 ng

RT: 8.857 min Scan# 1135

Delta R.T. -0.012 min

Lab File: BF144386.D

Acq: 01 Dec 2025 14:40

Instrument :

BNA_F

ClientSampleId :

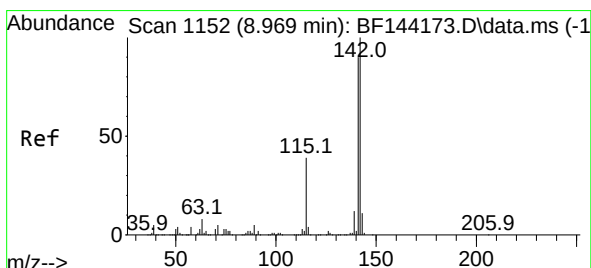
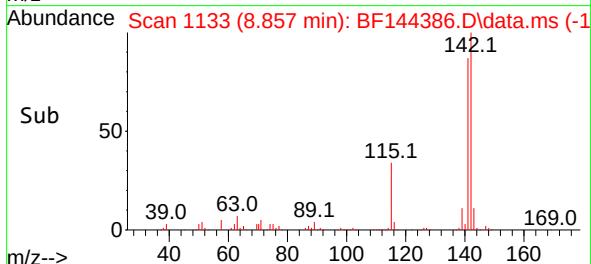
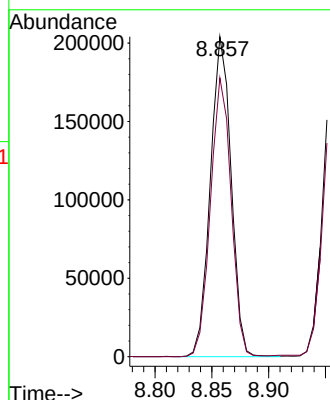
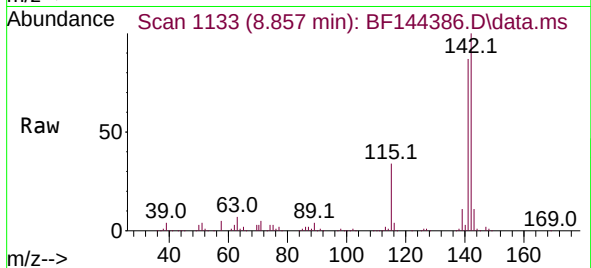
PB170763BS

Tgt Ion:142 Resp: 259698

Ion Ratio Lower Upper

142 100

141 87.1 69.9 104.9



#38

1-Methylnaphthalene

Concen: 39.512 ng

RT: 8.957 min Scan# 1150

Delta R.T. -0.012 min

Lab File: BF144386.D

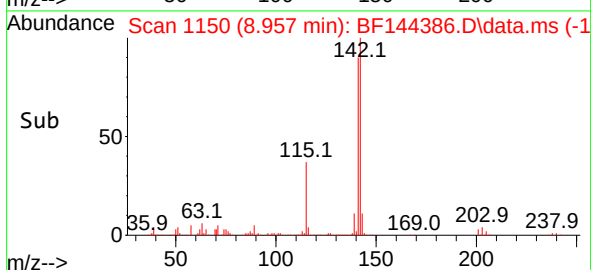
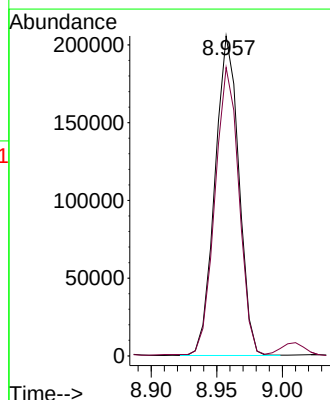
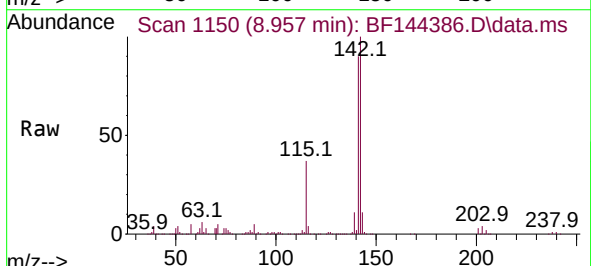
Acq: 01 Dec 2025 14:40

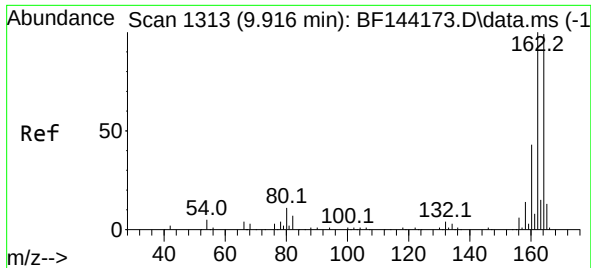
Tgt Ion:142 Resp: 260730

Ion Ratio Lower Upper

142 100

141 90.1 72.1 108.1

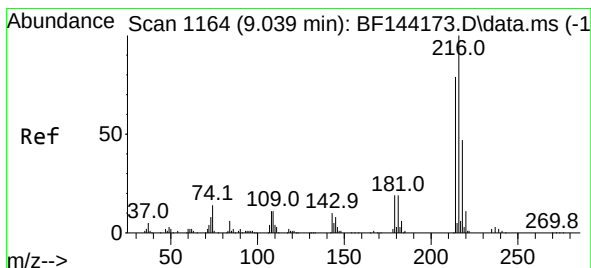
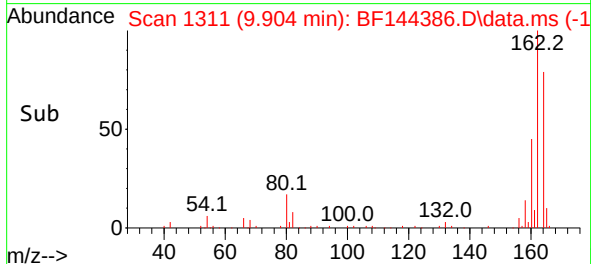
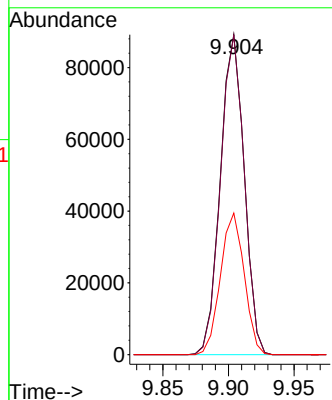
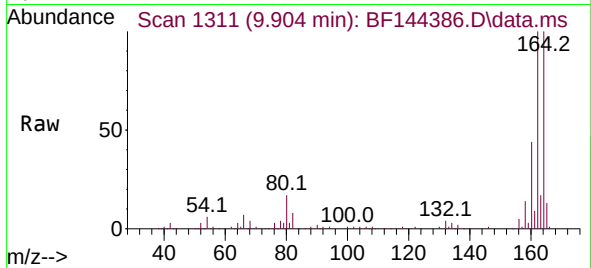




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1313
Delta R.T. -0.012 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

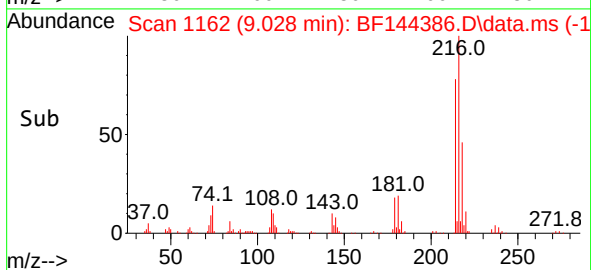
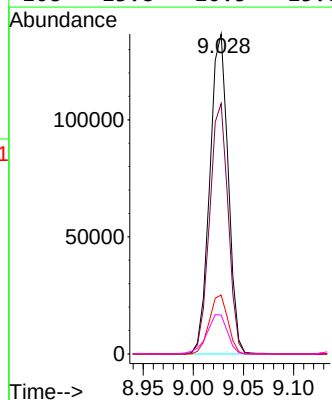
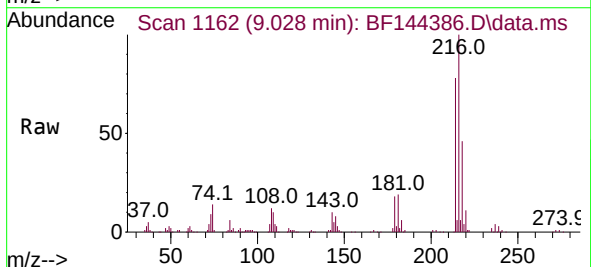
Instrument :
BNA_F
ClientSampleId :
PB170763BS

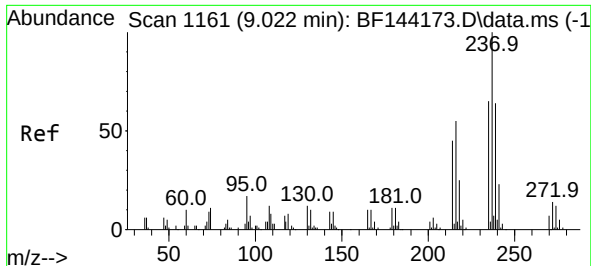
Tgt Ion:164 Resp: 112964
Ion Ratio Lower Upper
164 100
162 99.7 81.1 121.7
160 44.2 34.5 51.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.936 ng
RT: 9.028 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

Tgt Ion:216 Resp: 173766
Ion Ratio Lower Upper
216 100
214 78.5 63.4 95.2
179 18.6 15.0 22.4
108 13.8 10.5 15.7

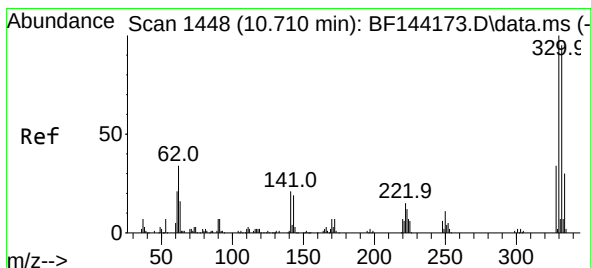
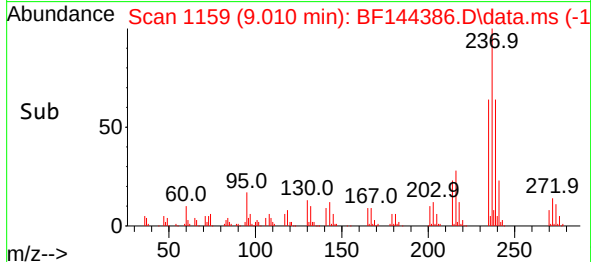
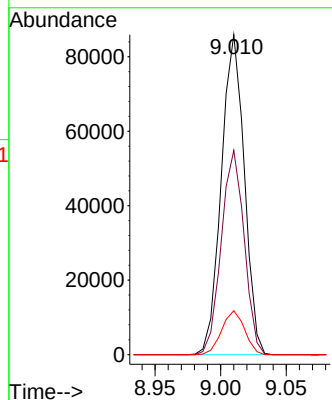
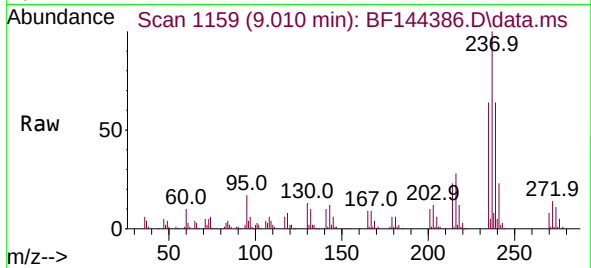




#41
Hexachlorocyclopentadiene
Concen: 74.614 ng
RT: 9.010 min Scan# 1161
Delta R.T. -0.018 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

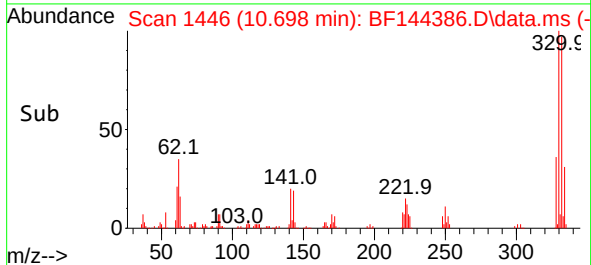
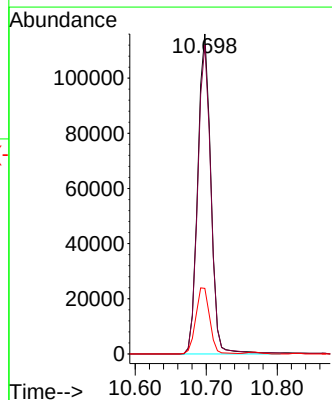
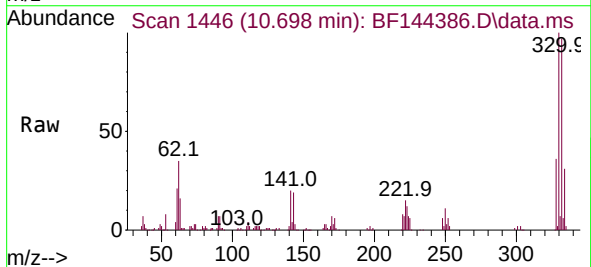
Instrument :
BNA_F
ClientSampleId :
PB170763BS

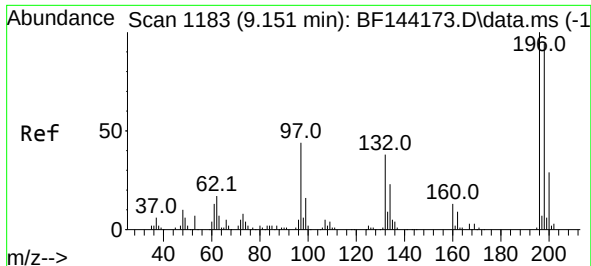
Tgt Ion:237 Resp: 104969
Ion Ratio Lower Upper
237 100
235 63.8 45.5 85.5
272 13.8 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 104.357 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

Tgt Ion:330 Resp: 147933
Ion Ratio Lower Upper
330 100
332 96.6 76.7 115.1
141 21.8 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 41.357 ng

RT: 9.139 min Scan# 1181

Delta R.T. -0.012 min

Lab File: BF144386.D

Acq: 01 Dec 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170763BS

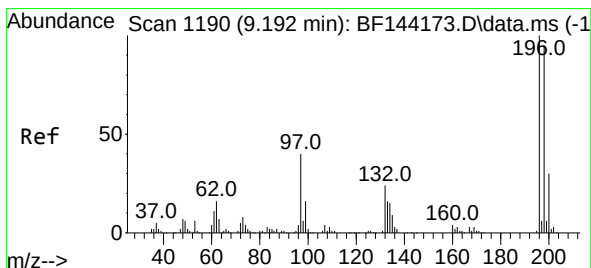
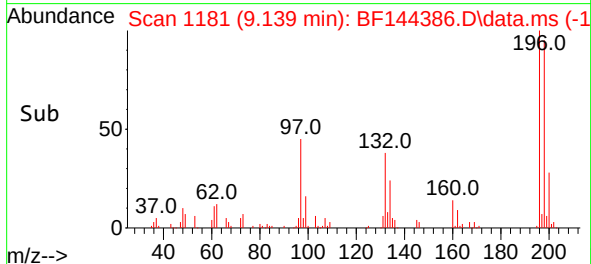
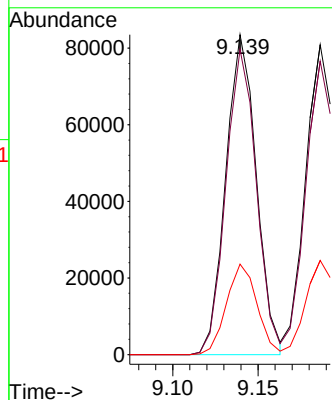
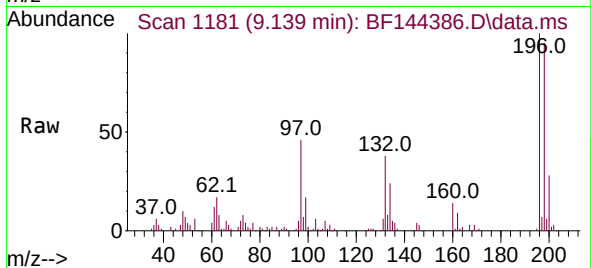
Tgt Ion:196 Resp: 104210

Ion Ratio Lower Upper

196 100

198 95.4 75.3 112.9

200 28.3 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 39.756 ng

RT: 9.186 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF144386.D

Acq: 01 Dec 2025 14:40

Tgt Ion:196 Resp: 107968

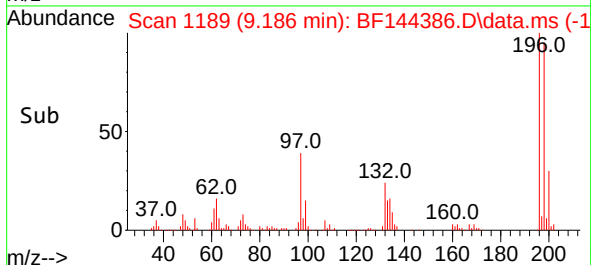
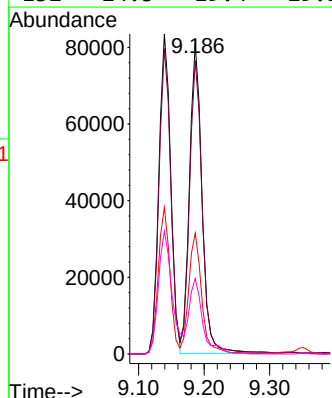
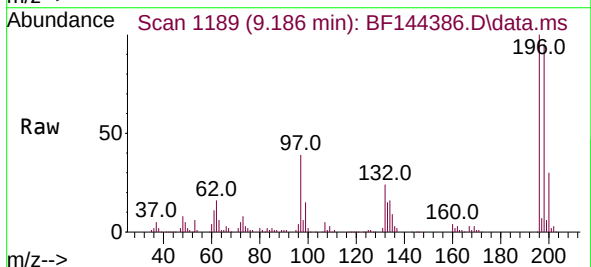
Ion Ratio Lower Upper

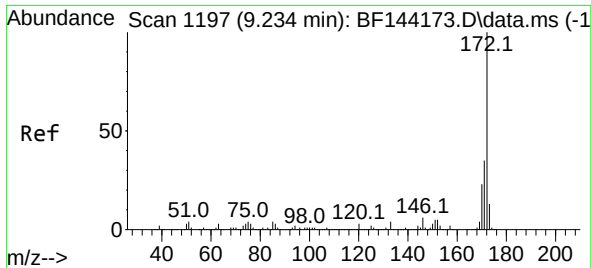
196 100

198 94.7 76.1 114.1

97 39.0 31.9 47.9

132 24.3 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 79.522 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF144386.D

Acq: 01 Dec 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170763BS

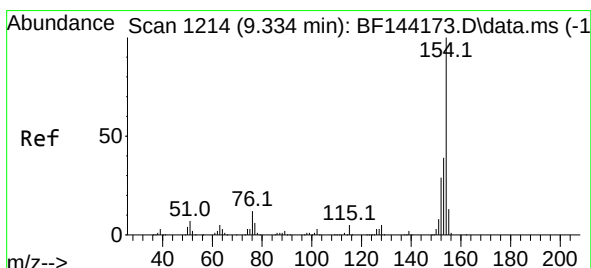
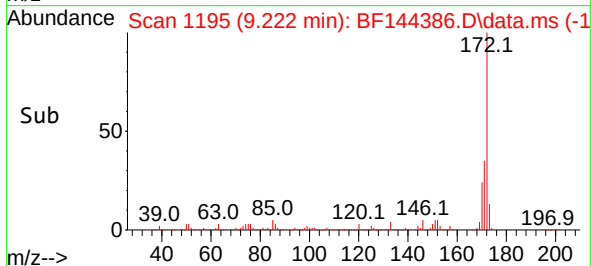
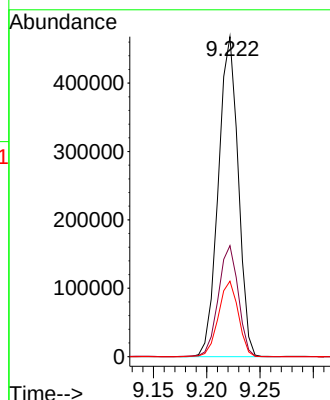
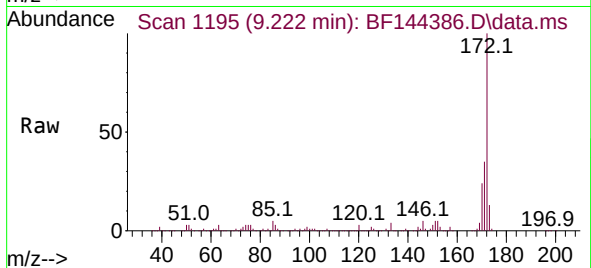
Tgt Ion:172 Resp: 608225

Ion Ratio Lower Upper

172 100

171 34.7 28.1 42.1

170 23.6 18.6 28.0



#46

1,1'-Biphenyl

Concen: 47.171 ng

RT: 9.322 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF144386.D

Acq: 01 Dec 2025 14:40

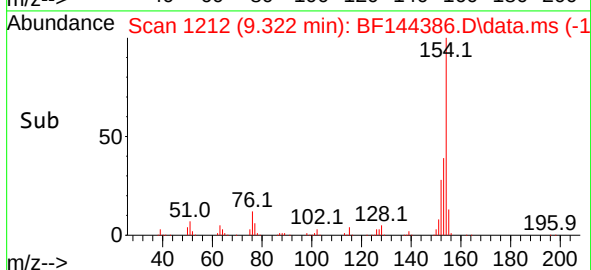
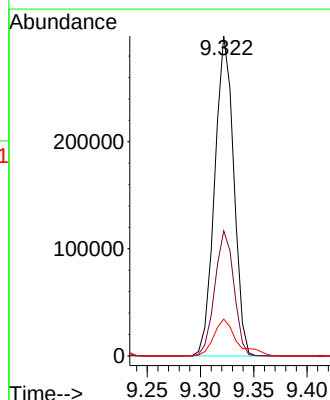
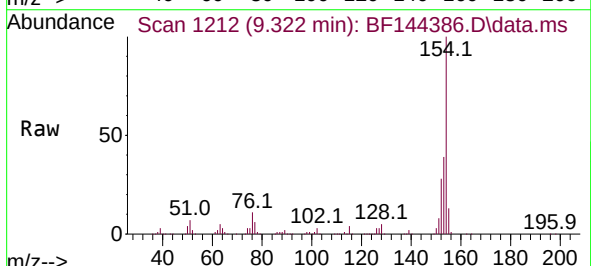
Tgt Ion:154 Resp: 371956

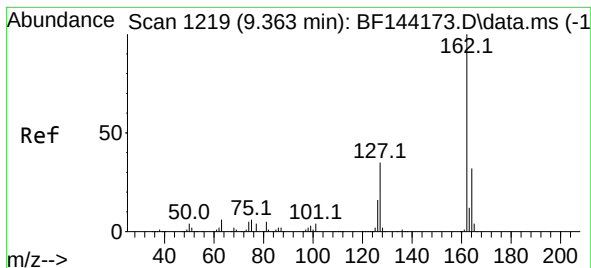
Ion Ratio Lower Upper

154 100

153 39.1 19.2 59.2

76 11.5 0.0 31.8





#47

2-Chloronaphthalene

Concen: 42.070 ng

RT: 9.351 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF144386.D

Acq: 01 Dec 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170763BS

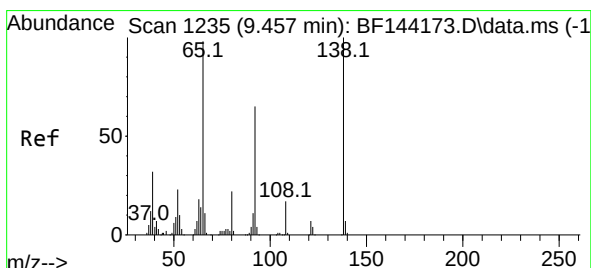
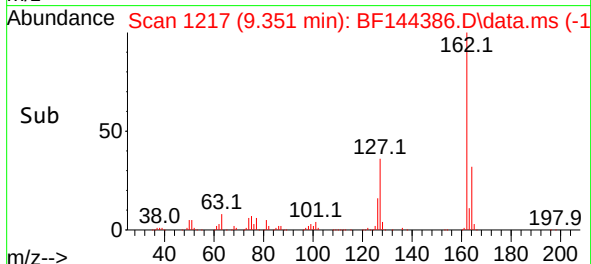
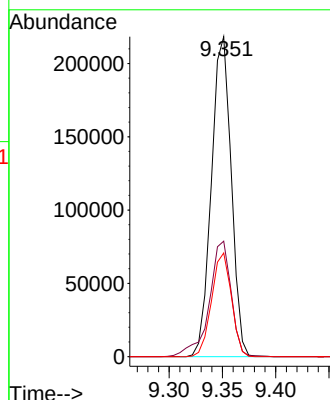
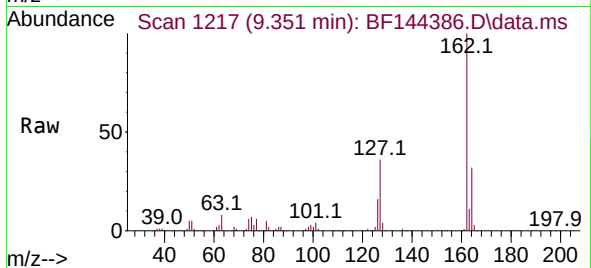
Tgt Ion:162 Resp: 282974

Ion Ratio Lower Upper

162 100

127 36.1 28.8 43.2

164 32.4 25.8 38.8



#48

2-Nitroaniline

Concen: 42.776 ng

RT: 9.445 min Scan# 1233

Delta R.T. -0.012 min

Lab File: BF144386.D

Acq: 01 Dec 2025 14:40

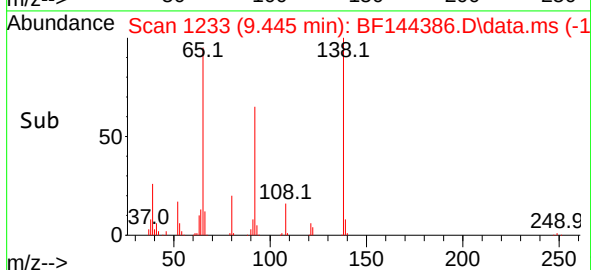
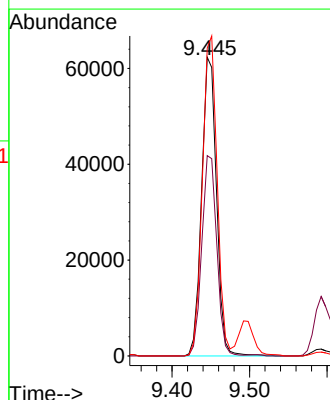
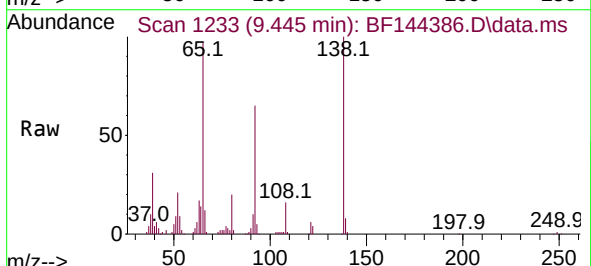
Tgt Ion: 65 Resp: 83017

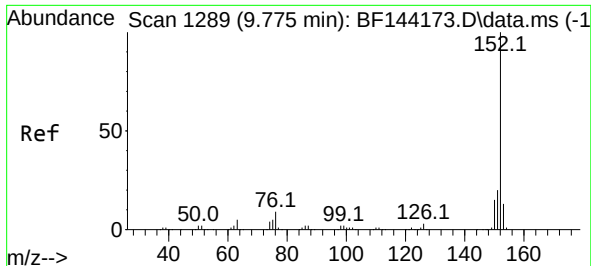
Ion Ratio Lower Upper

65 100

92 67.1 53.0 79.6

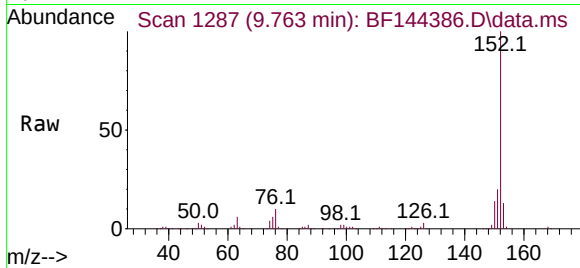
138 103.1 81.6 122.4



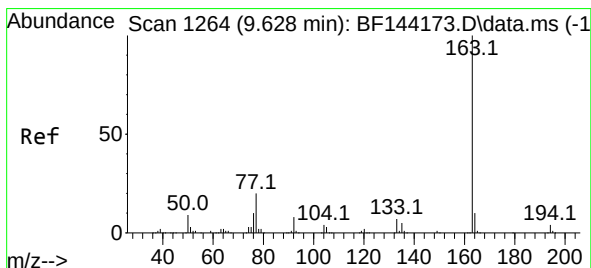
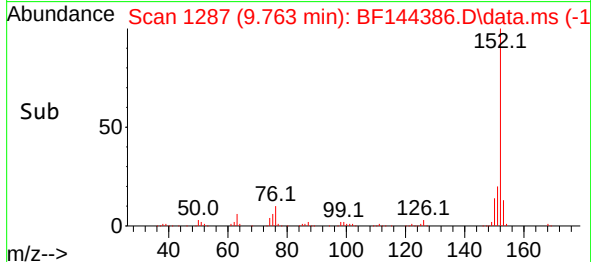
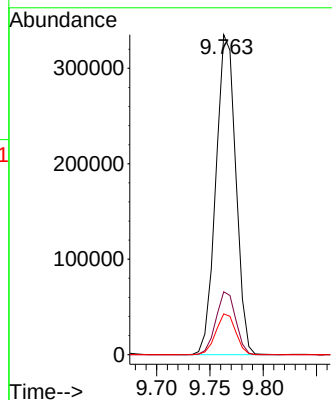


#49
Acenaphthylene
Concen: 47.679 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

Instrument :
BNA_F
ClientSampleId :
PB170763BS

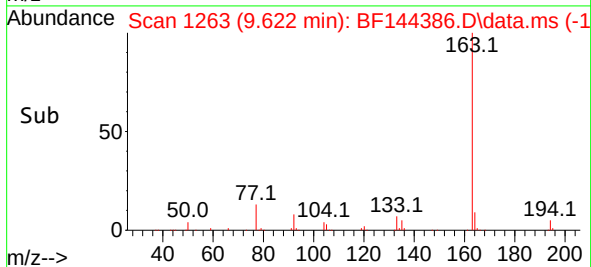
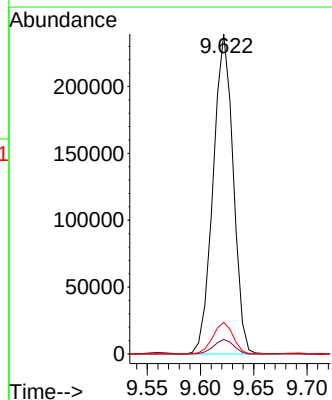
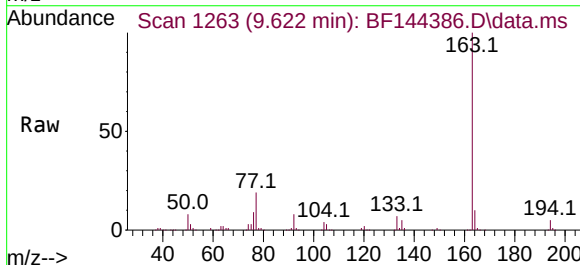


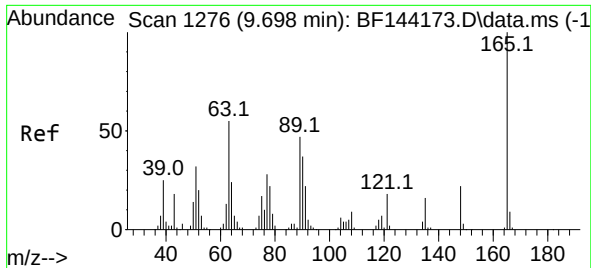
Tgt Ion:152 Resp: 437028
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 12.7 10.5 15.7



#50
Dimethylphthalate
Concen: 41.954 ng
RT: 9.622 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

Tgt Ion:163 Resp: 313971
Ion Ratio Lower Upper
163 100
194 4.5 3.3 4.9
164 9.9 8.1 12.1

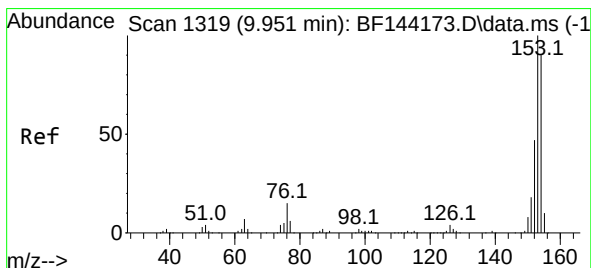
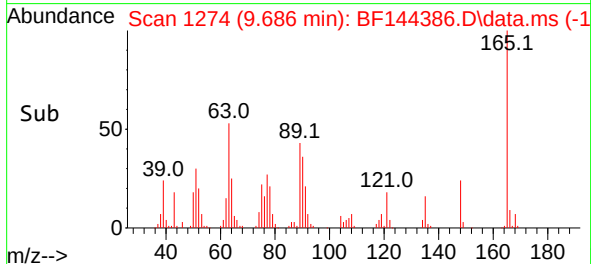
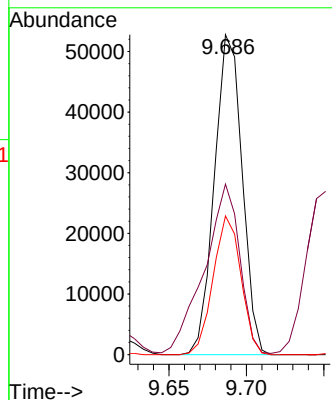
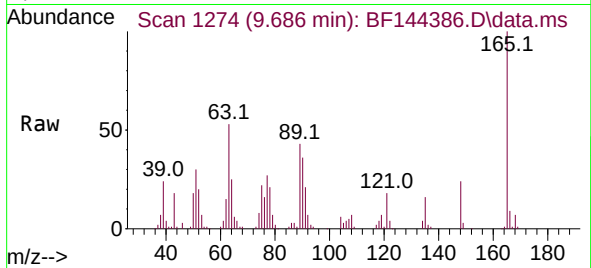




#51
2,6-Dinitrotoluene
Concen: 43.425 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

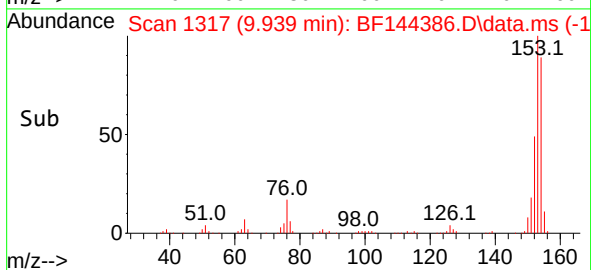
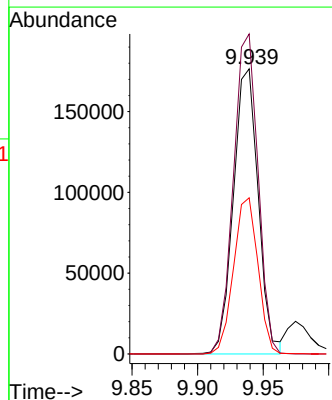
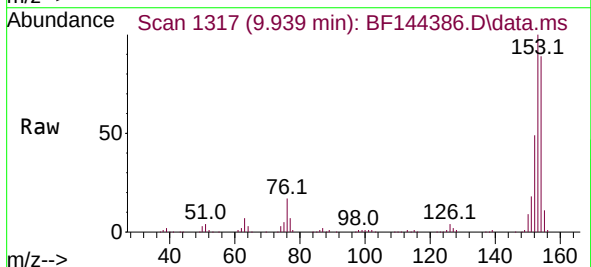
Instrument :
BNA_F
ClientSampleId :
PB170763BS

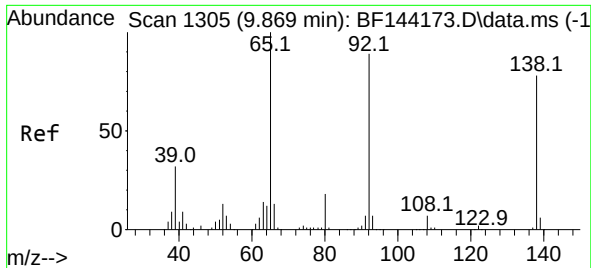
Tgt Ion:165 Resp: 65786
Ion Ratio Lower Upper
165 100
63 53.3 43.8 65.8
89 43.3 37.5 56.3



#52
Acenaphthene
Concen: 37.963 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

Tgt Ion:154 Resp: 232690
Ion Ratio Lower Upper
154 100
153 112.3 89.0 133.4
152 54.7 42.2 63.4

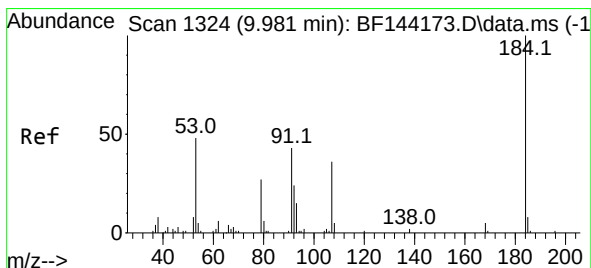
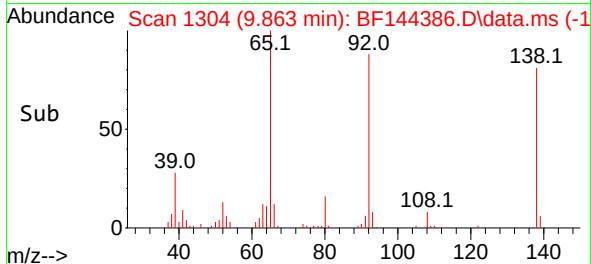
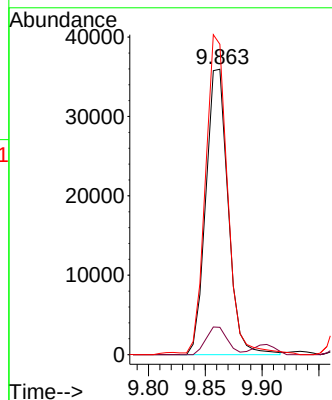
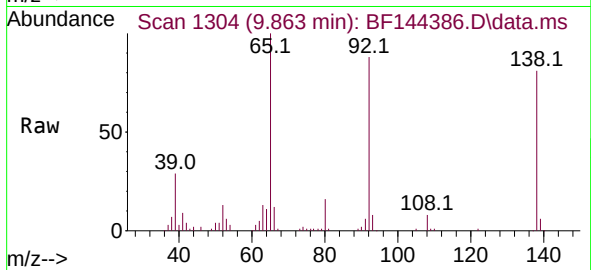




#53
3-Nitroaniline
Concen: 29.667 ng
RT: 9.863 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

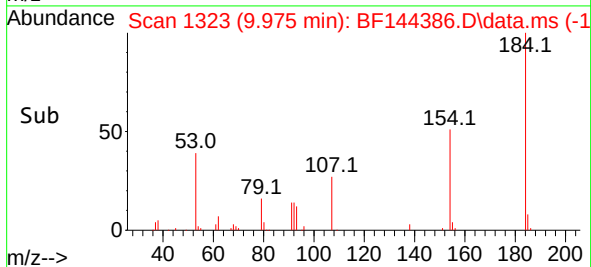
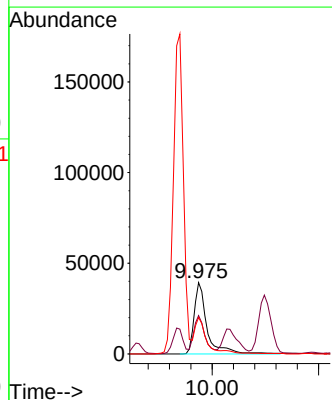
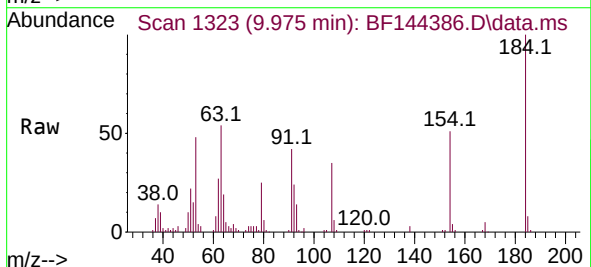
Instrument :
BNA_F
ClientSampleId :
PB170763BS

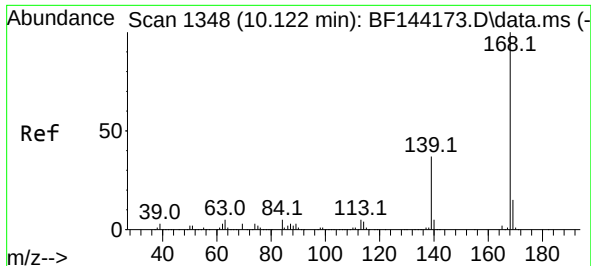
Tgt Ion:138 Resp: 49130
Ion Ratio Lower Upper
138 100
108 9.6 7.5 11.3
92 108.7 91.8 137.6



#54
2,4-Dinitrophenol
Concen: 72.136 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

Tgt Ion:184 Resp: 65990
Ion Ratio Lower Upper
184 100
63 53.7 44.0 66.0
154 51.2 42.4 63.6

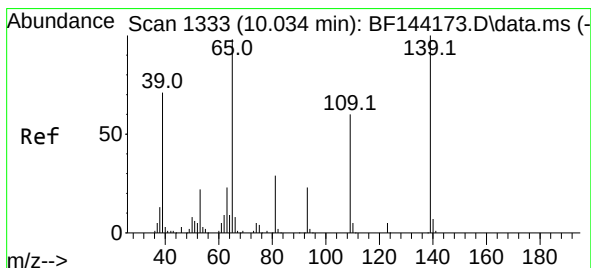
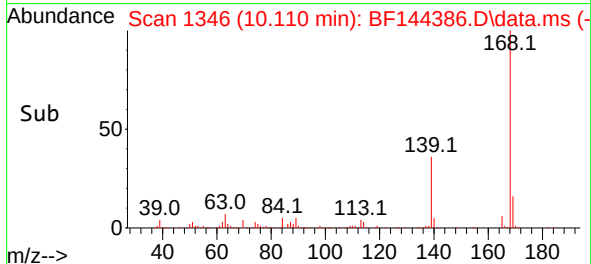
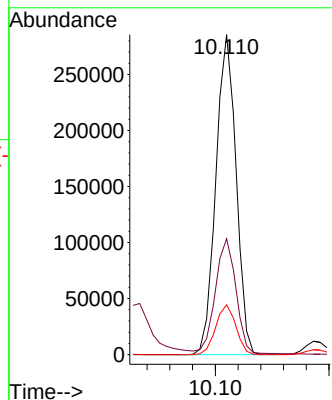
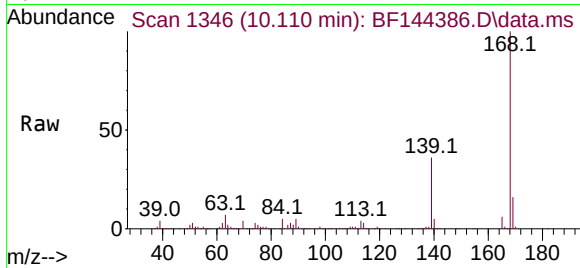




#55
Dibenzenofuran
Concen: 41.081 ng
RT: 10.110 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

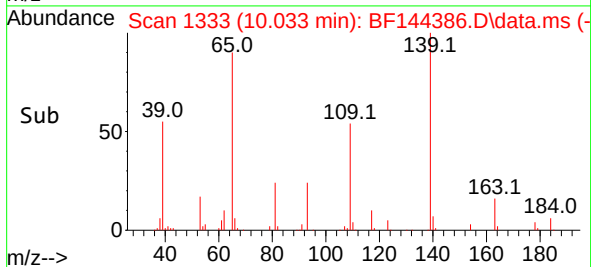
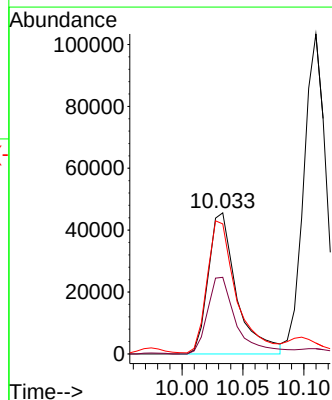
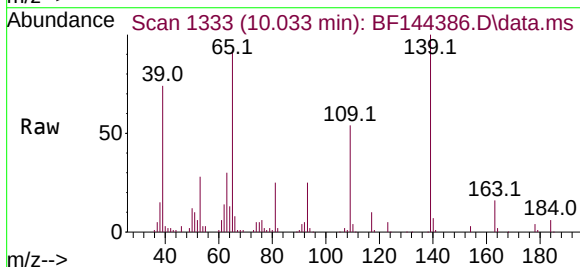
Instrument :
BNA_F
ClientSampleId :
PB170763BS

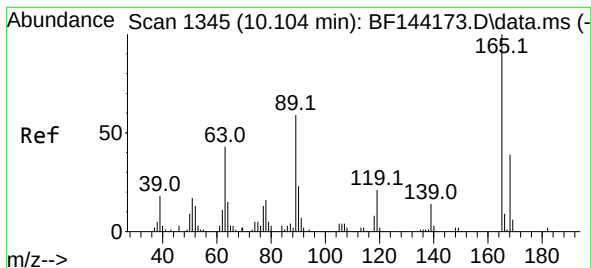
Tgt Ion:168 Resp: 352656
Ion Ratio Lower Upper
168 100
139 36.2 30.2 45.2
169 15.6 12.2 18.4



#56
4-Nitrophenol
Concen: 61.747 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

Tgt Ion:139 Resp: 73968
Ion Ratio Lower Upper
139 100
109 54.2 39.9 79.9
65 92.2 79.5 119.5

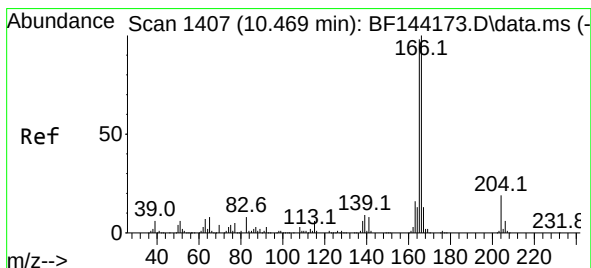
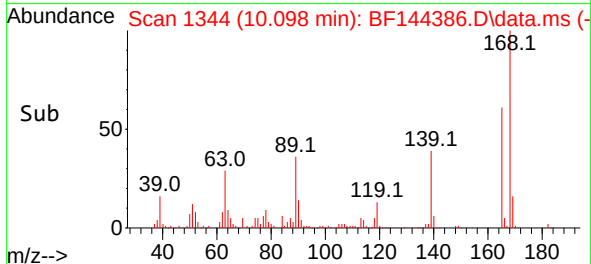
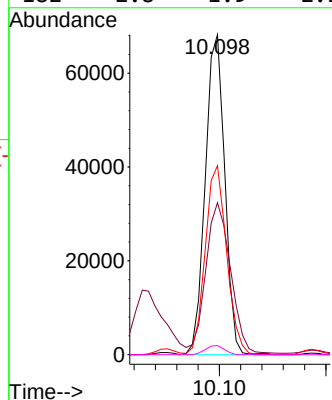
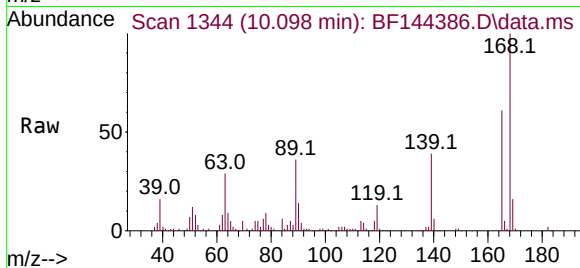




#57
2,4-Dinitrotoluene
Concen: 42.582 ng
RT: 10.098 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

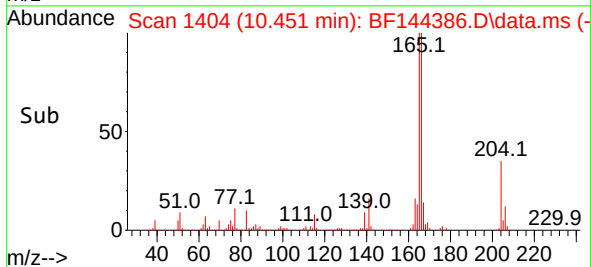
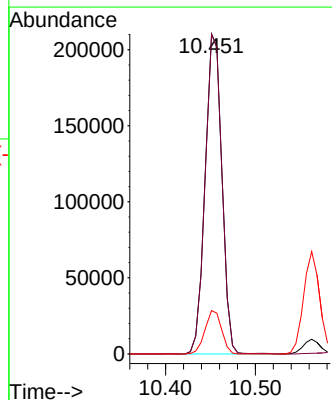
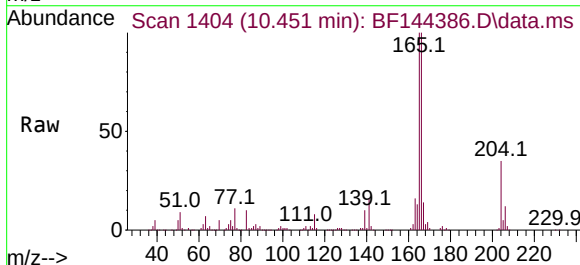
Instrument :
BNA_F
ClientSampleId :
PB170763BS

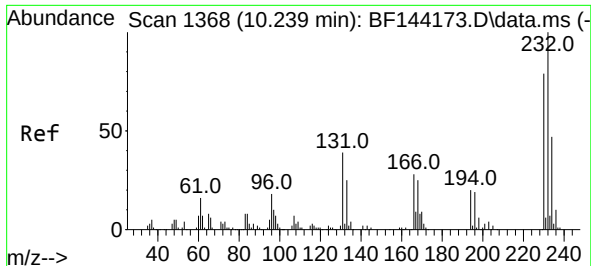
Tgt Ion:	165	Resp:	86358
Ion Ratio	Lower	Upper	
165	100		
63	47.5	35.5	53.3
89	59.0	47.4	71.2
182	2.8	1.9	2.9



#58
Fluorene
Concen: 41.808 ng
RT: 10.451 min Scan# 1404
Delta R.T. -0.012 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

Tgt Ion:	166	Resp:	272873
Ion Ratio	Lower	Upper	
166	100		
165	99.9	78.6	118.0
167	13.5	10.4	15.6

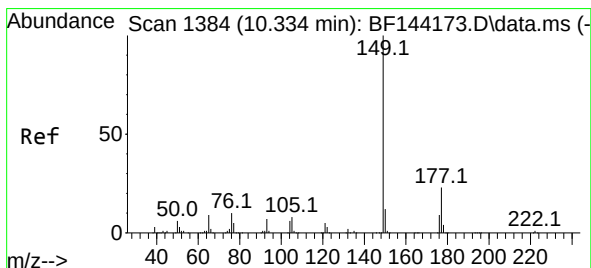
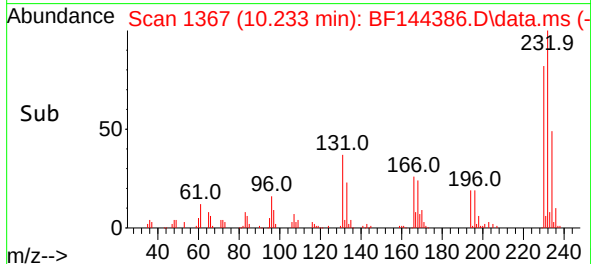
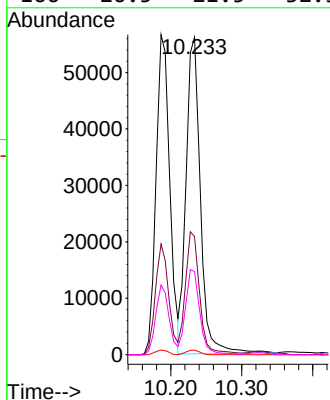
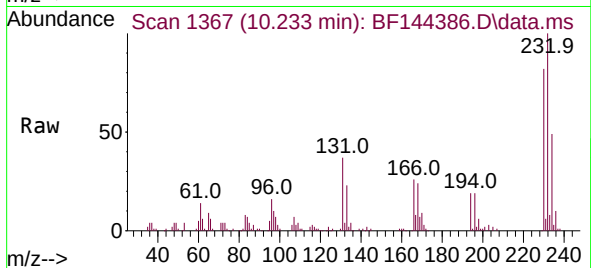




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.152 ng
RT: 10.233 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

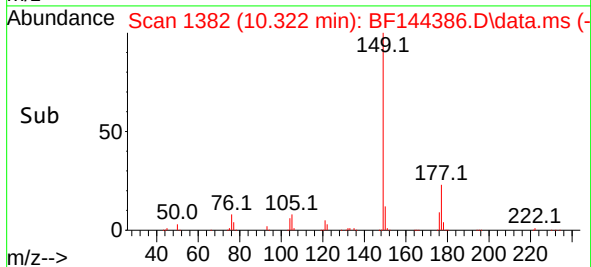
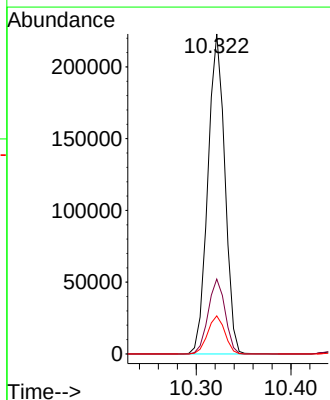
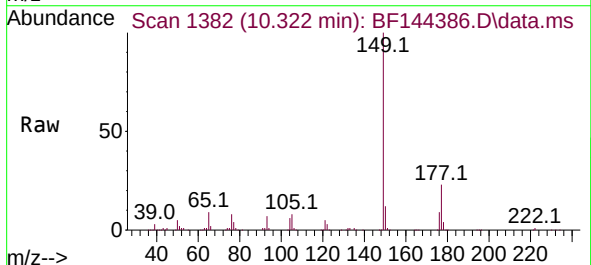
Instrument :
BNA_F
ClientSampleId :
PB170763BS

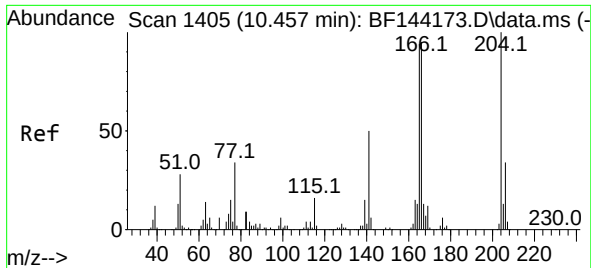
Tgt Ion:232 Resp: 79071
Ion Ratio Lower Upper
232 100
131 38.5 30.3 45.5
130 1.3 1.2 1.8
166 26.5 21.5 32.3



#60
Diethylphthalate
Concen: 40.302 ng
RT: 10.322 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

Tgt Ion:149 Resp: 278032
Ion Ratio Lower Upper
149 100
177 23.4 18.3 27.5
150 11.9 9.8 14.6

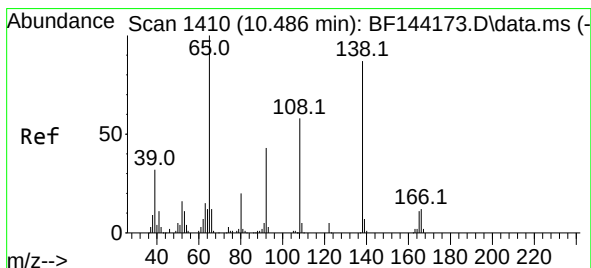
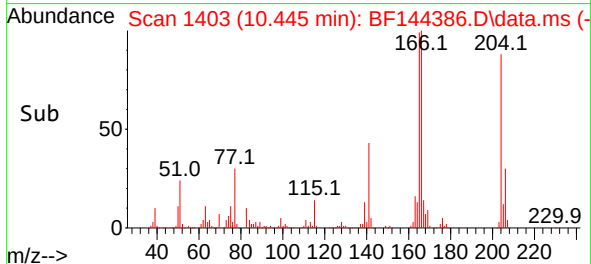
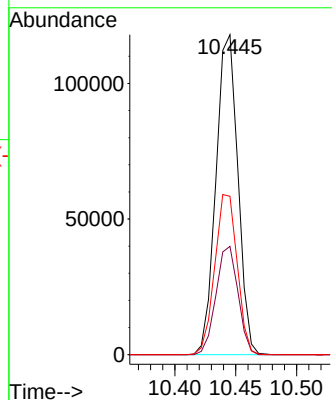
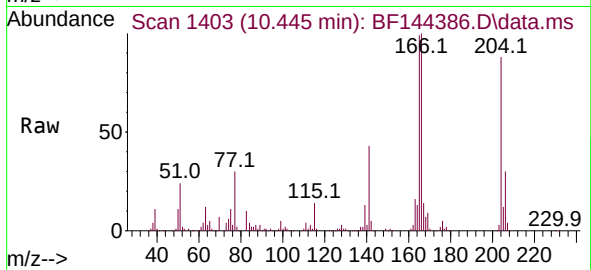




#61
4-Chlorophenyl-phenylether
Concen: 39.847 ng
RT: 10.445 min Scan# 1405
Delta R.T. -0.012 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

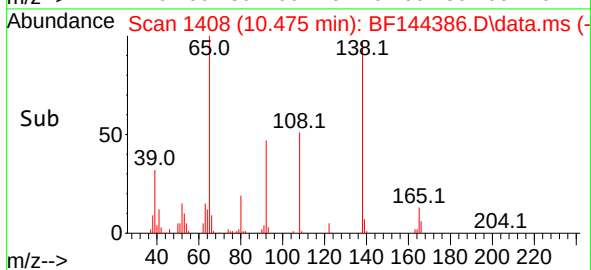
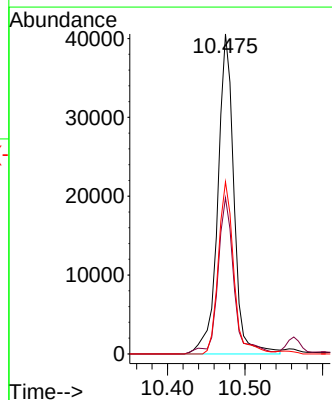
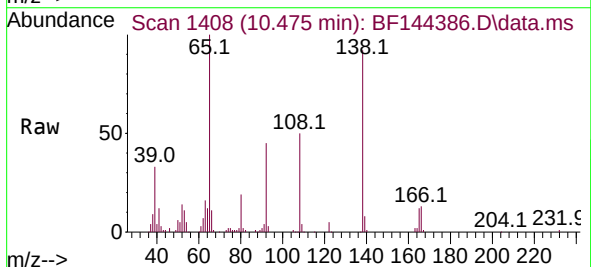
Instrument :
BNA_F
ClientSampleId :
PB170763BS

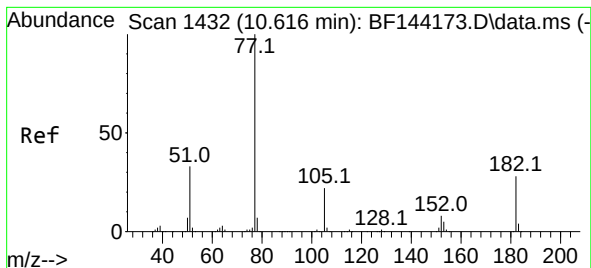
Tgt Ion:204 Resp: 148145
Ion Ratio Lower Upper
204 100
206 33.8 27.4 41.2
141 49.5 40.0 60.0



#62
4-Nitroaniline
Concen: 37.213 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

Tgt Ion:138 Resp: 58689
Ion Ratio Lower Upper
138 100
92 48.8 29.4 69.4
108 53.8 46.4 86.4





#63

Azobenzene

Concen: 42.412 ng

RT: 10.604 min Scan# 1432

Delta R.T. -0.012 min

Lab File: BF144386.D

Acq: 01 Dec 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170763BS

Tgt Ion: 77 Resp: 272308

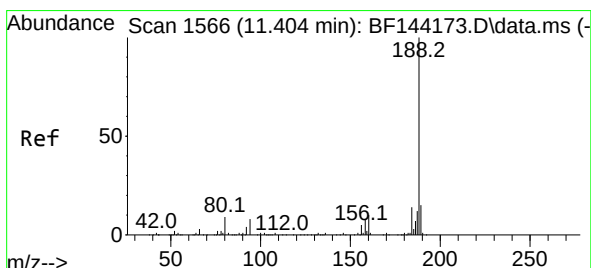
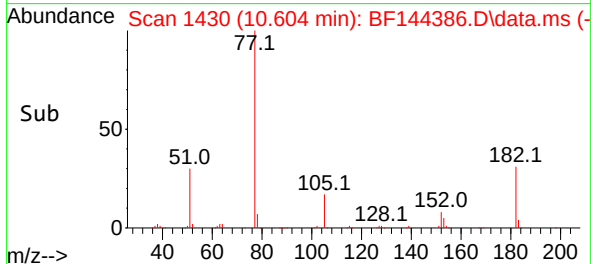
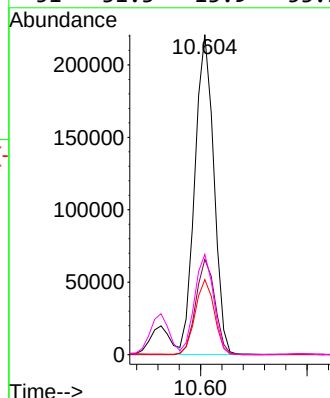
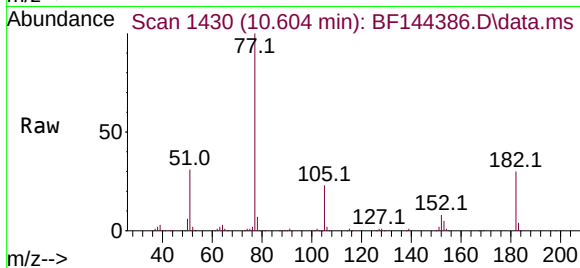
Ion Ratio Lower Upper

77 100

182 29.7 8.1 48.1

105 23.4 2.0 42.0

51 31.3 13.9 53.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1564

Delta R.T. -0.012 min

Lab File: BF144386.D

Acq: 01 Dec 2025 14:40

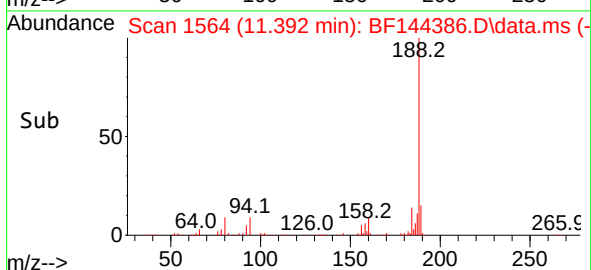
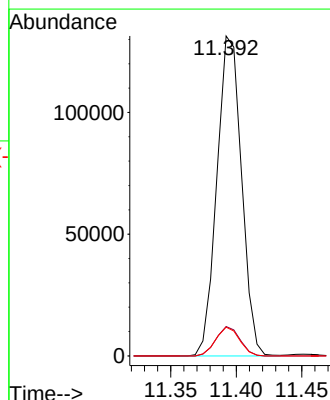
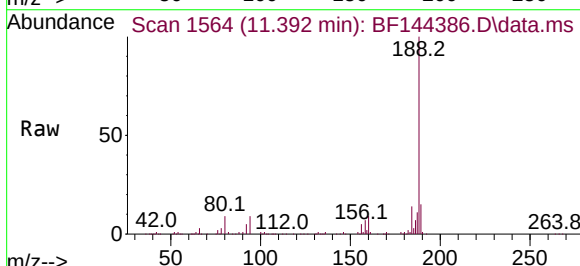
Tgt Ion: 188 Resp: 172015

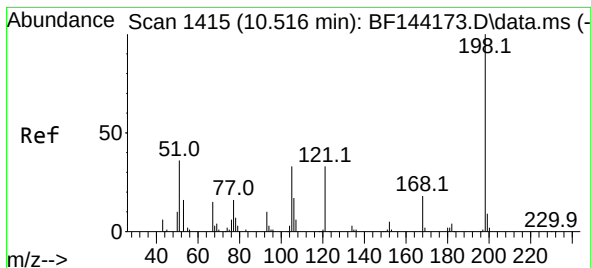
Ion Ratio Lower Upper

188 100

94 9.2 6.2 9.2

80 9.0 6.9 10.3

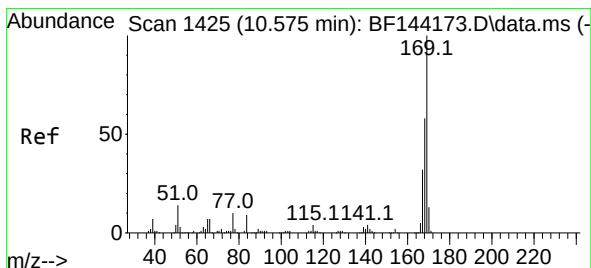
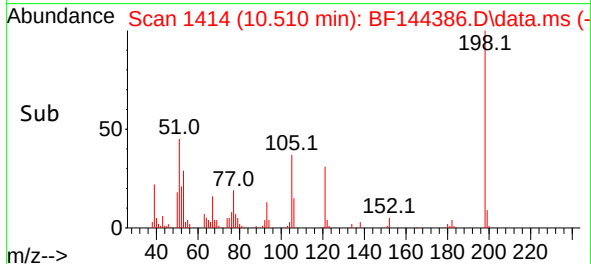
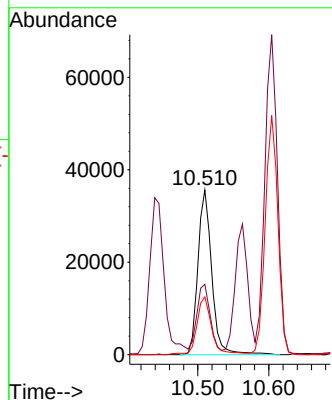
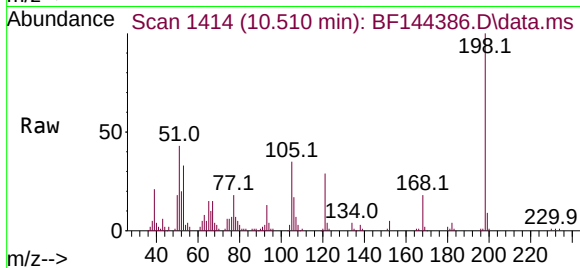




#65
4,6-Dinitro-2-methylphenol
Concen: 41.170 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

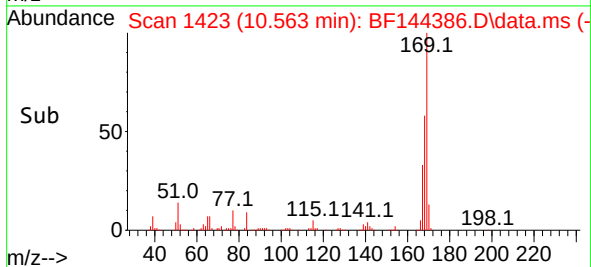
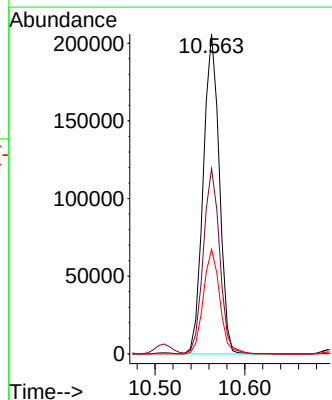
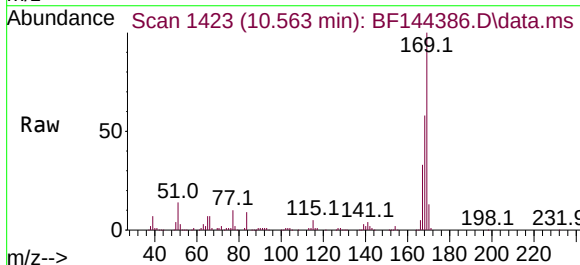
Instrument :
BNA_F
ClientSampleId :
PB170763BS

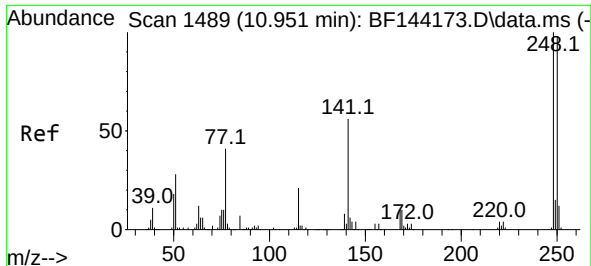
Tgt Ion:198 Resp: 48110
Ion Ratio Lower Upper
198 100
51 42.7 25.6 65.6
105 35.0 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 46.195 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

Tgt Ion:169 Resp: 255574
Ion Ratio Lower Upper
169 100
168 57.9 46.2 69.2
167 32.7 25.7 38.5





#67

4-Bromophenyl-phenylether

Concen: 43.574 ng

RT: 10.933 min Scan# 1486

Delta R.T. -0.012 min

Lab File: BF144386.D

Acq: 01 Dec 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170763BS

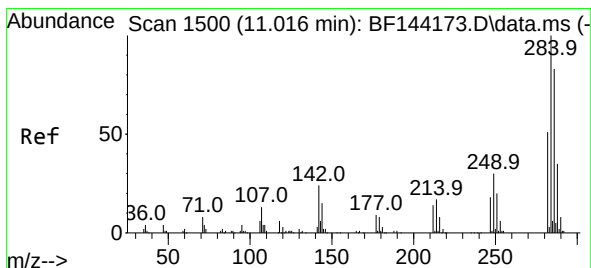
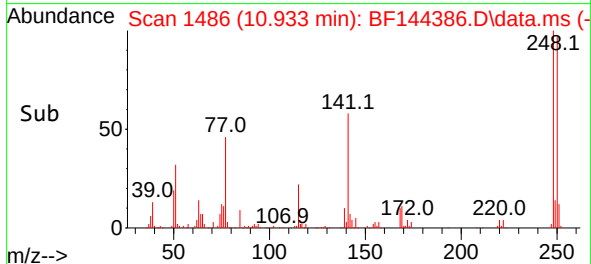
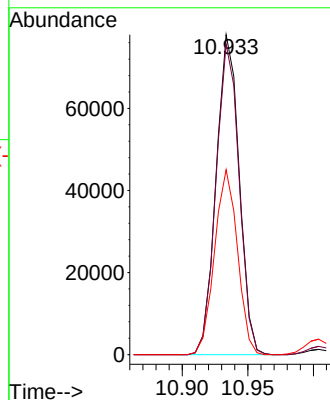
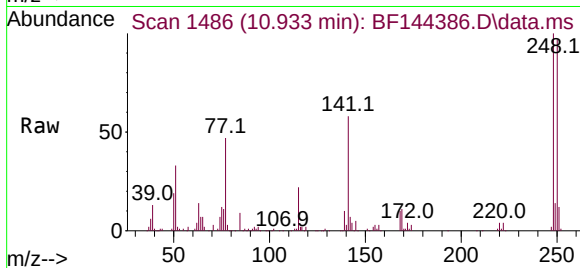
Tgt Ion:248 Resp: 95671

Ion Ratio Lower Upper

248 100

250 97.1 78.4 117.6

141 57.8 45.1 67.7



#68

Hexachlorobenzene

Concen: 43.603 ng

RT: 11.004 min Scan# 1498

Delta R.T. -0.006 min

Lab File: BF144386.D

Acq: 01 Dec 2025 14:40

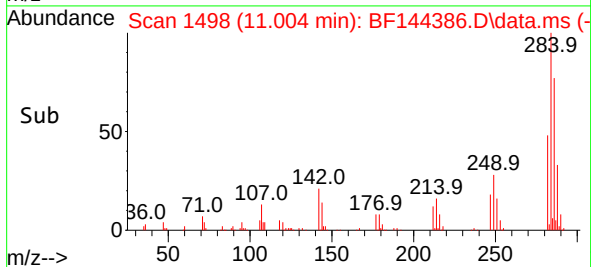
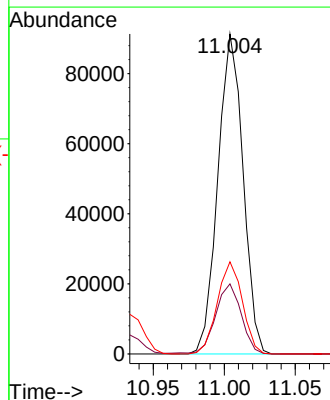
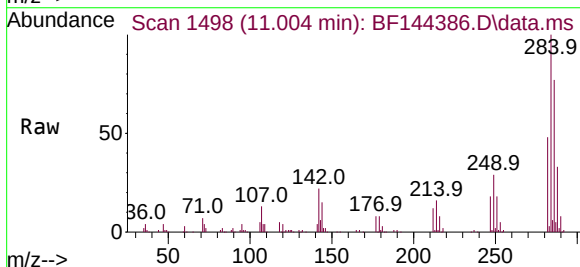
Tgt Ion:284 Resp: 112762

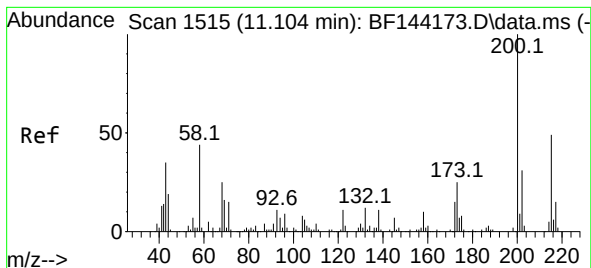
Ion Ratio Lower Upper

284 100

142 21.9 19.2 28.8

249 28.8 23.8 35.8





#69

Atrazine

Concen: 43.415 ng

RT: 11.092 min Scan# 1513

Delta R.T. -0.006 min

Lab File: BF144386.D

Acq: 01 Dec 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170763BS

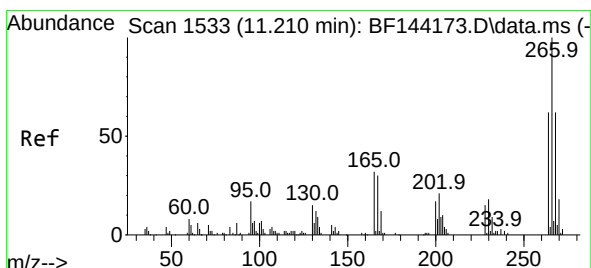
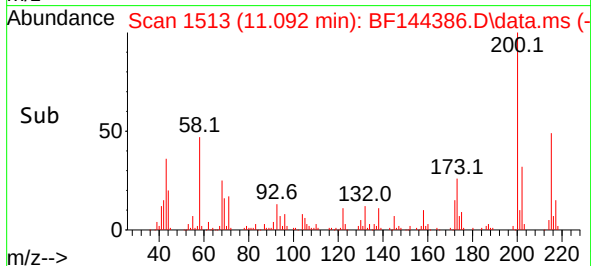
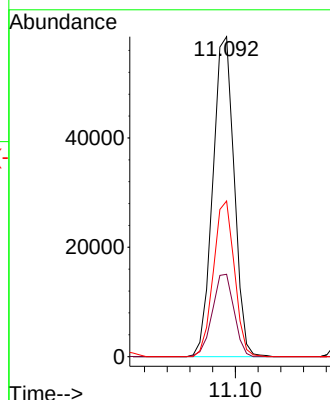
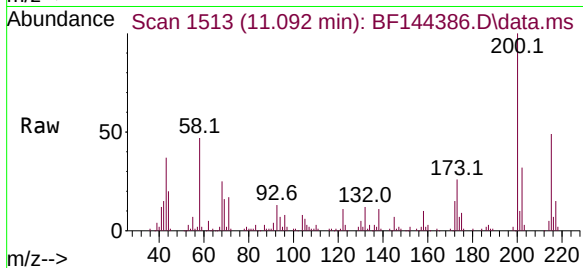
Tgt Ion:200 Resp: 76387

Ion Ratio Lower Upper

200 100

173 25.7 5.0 45.0

215 48.6 28.7 68.7



#70

Pentachlorophenol

Concen: 77.998 ng

RT: 11.204 min Scan# 1532

Delta R.T. -0.012 min

Lab File: BF144386.D

Acq: 01 Dec 2025 14:40

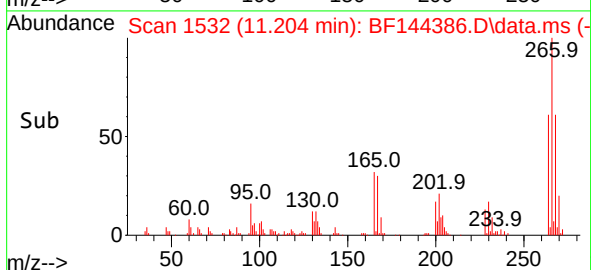
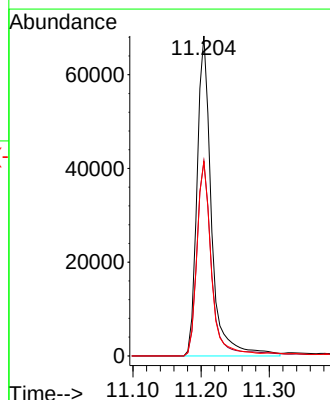
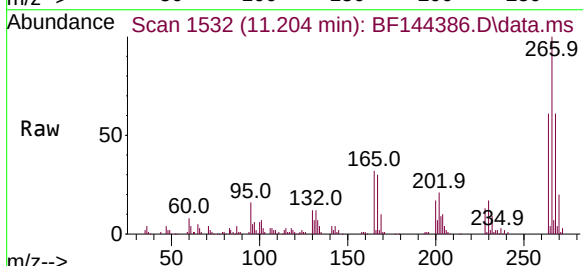
Tgt Ion:266 Resp: 100446

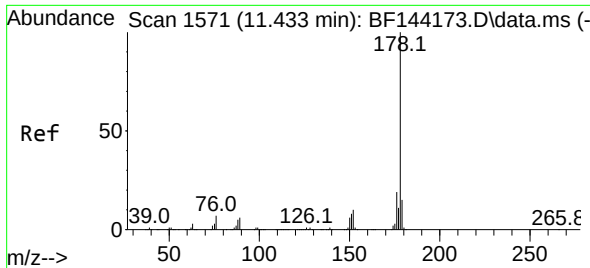
Ion Ratio Lower Upper

266 100

268 60.8 49.5 74.3

264 60.7 49.4 74.2

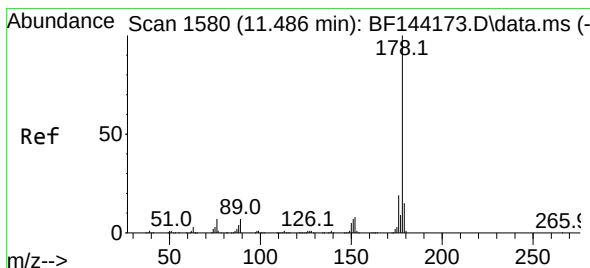
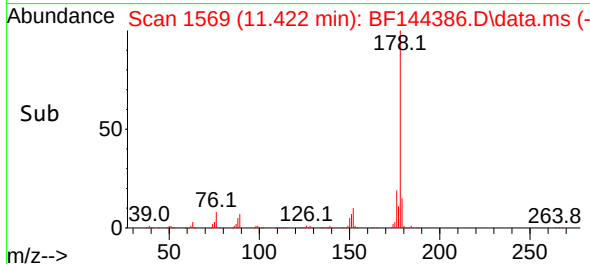
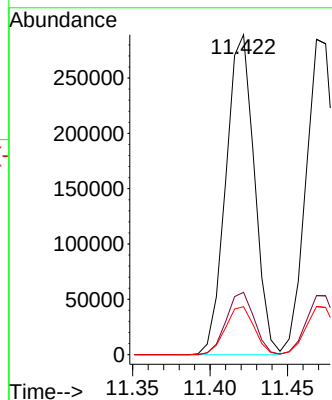
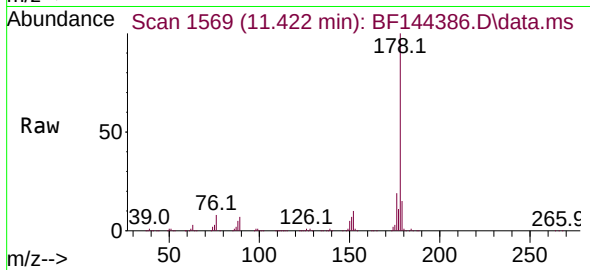




#71
Phenanthrene
Concen: 43.315 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

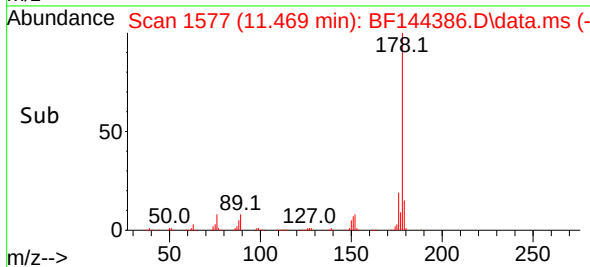
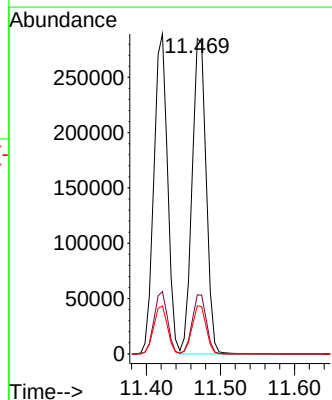
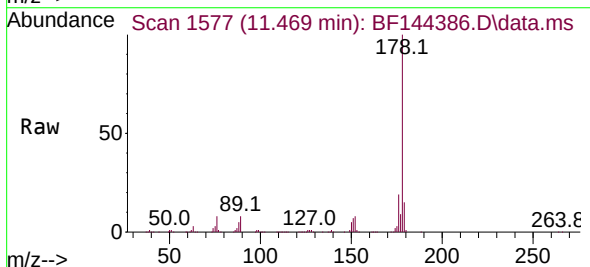
Instrument :
BNA_F
ClientSampleId :
PB170763BS

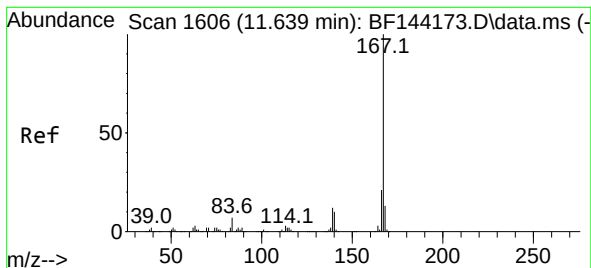
Tgt Ion:178 Resp: 370963
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.0 12.2 18.4



#72
Anthracene
Concen: 43.121 ng
RT: 11.469 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

Tgt Ion:178 Resp: 375519
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 15.3 12.0 18.0





#73

Carbazole

Concen: 42.634 ng

RT: 11.627 min Scan# 1604

Delta R.T. -0.012 min

Lab File: BF144386.D

Acq: 01 Dec 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170763BS

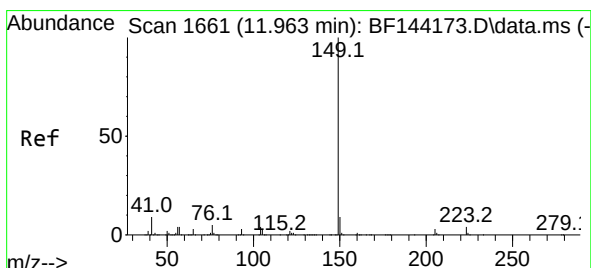
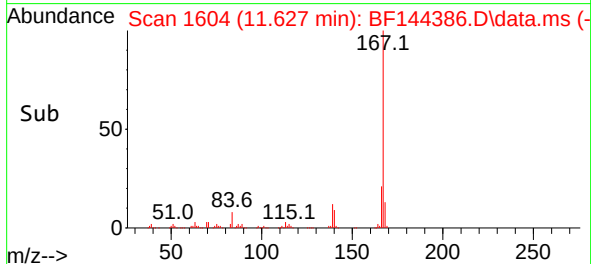
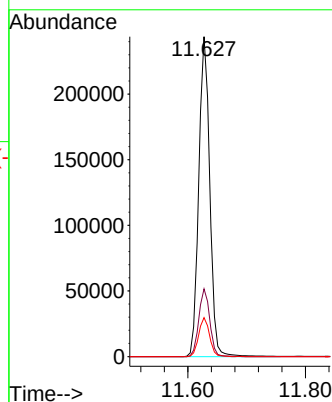
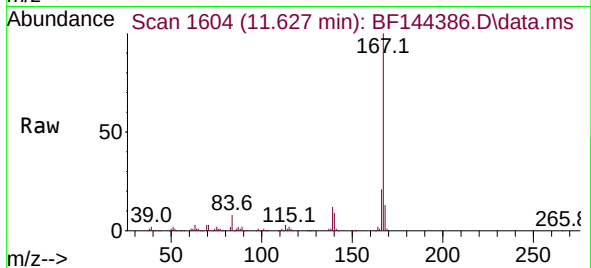
Tgt Ion:167 Resp: 315715

Ion Ratio Lower Upper

167 100

166 21.2 17.2 25.8

139 12.2 9.9 14.9



#74

Di-n-butylphthalate

Concen: 42.365 ng

RT: 11.951 min Scan# 1659

Delta R.T. -0.012 min

Lab File: BF144386.D

Acq: 01 Dec 2025 14:40

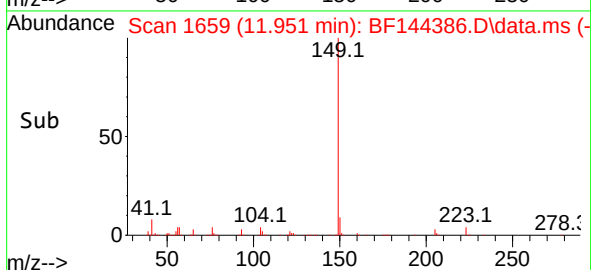
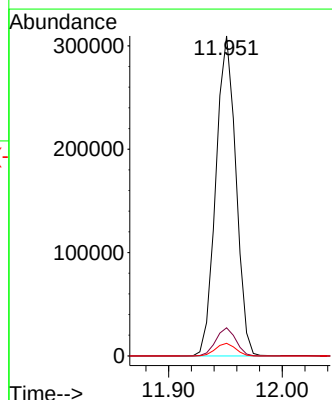
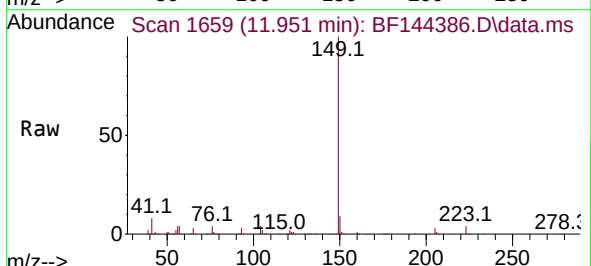
Tgt Ion:149 Resp: 379255

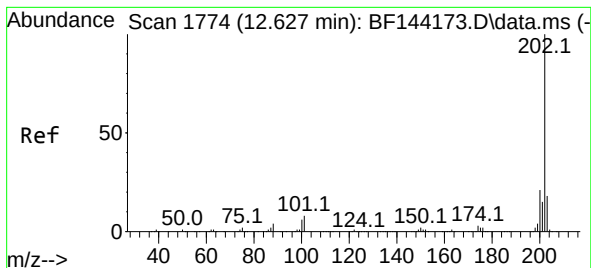
Ion Ratio Lower Upper

149 100

150 8.8 7.4 11.0

104 3.9 3.4 5.2





#75

Fluoranthene

Concen: 41.682 ng

RT: 12.610 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144386.D

Acq: 01 Dec 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170763BS

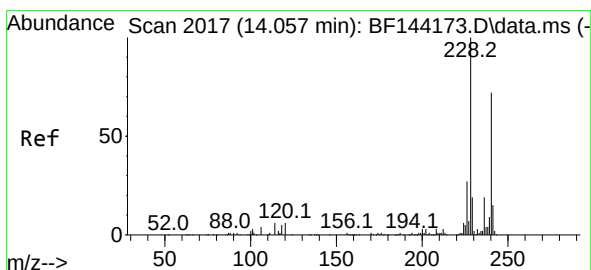
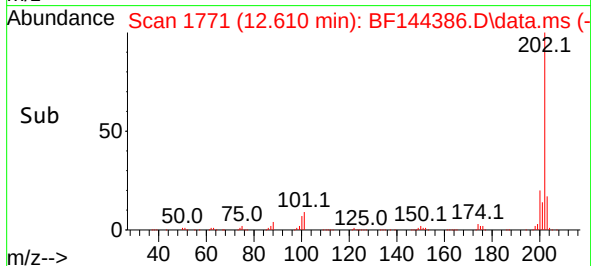
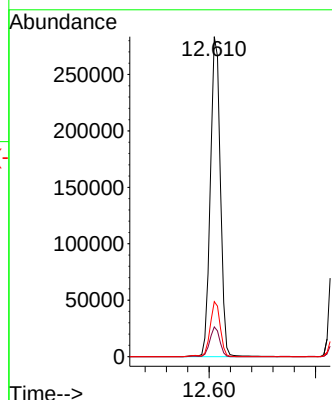
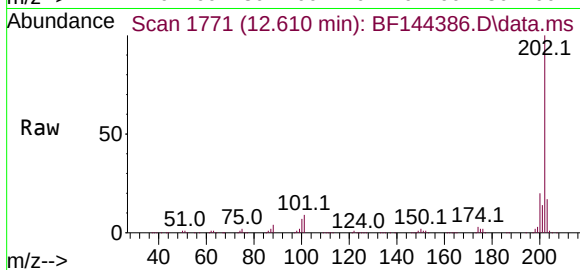
Tgt Ion:202 Resp: 368758

Ion Ratio Lower Upper

202 100

101 9.3 0.0 27.9

203 17.2 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF144386.D

Acq: 01 Dec 2025 14:40

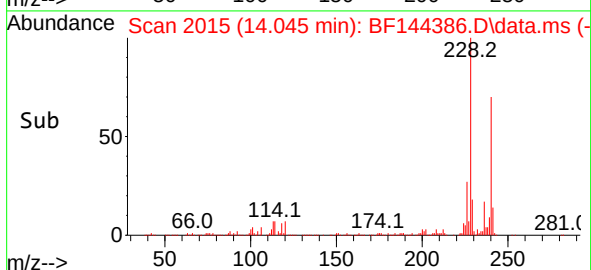
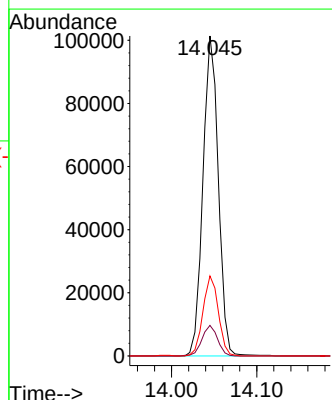
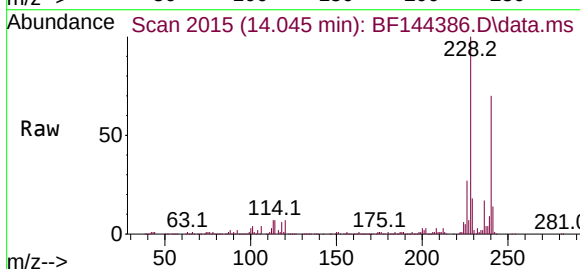
Tgt Ion:240 Resp: 126792

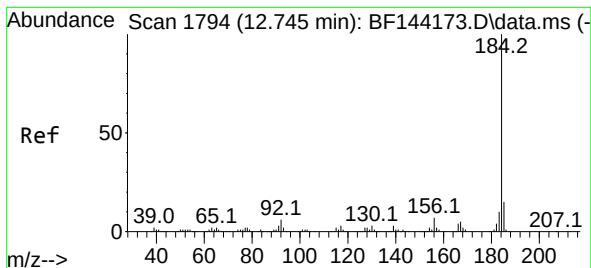
Ion Ratio Lower Upper

240 100

120 9.6 6.6 10.0

236 25.0 21.4 32.2





#77

Benzidine

Concen: 18.863 ng

RT: 12.733 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF144386.D

Acq: 01 Dec 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170763BS

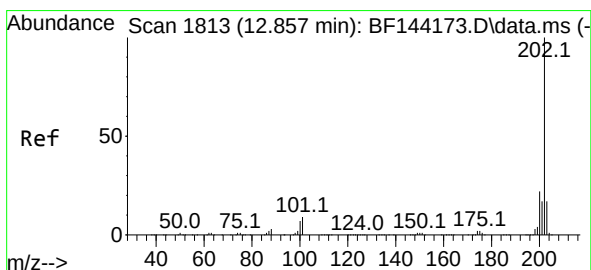
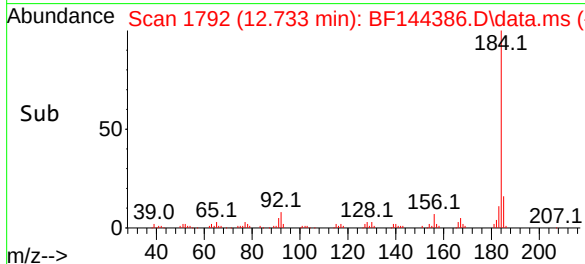
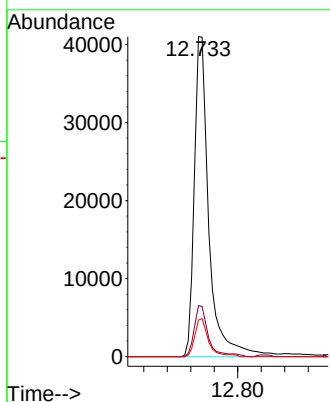
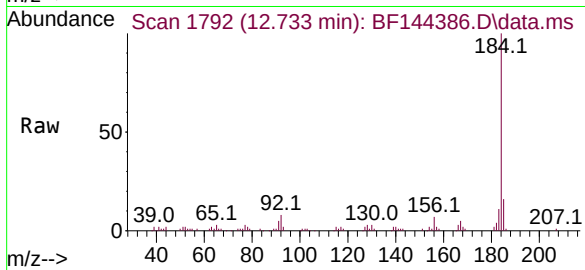
Tgt Ion:184 Resp: 70745

Ion Ratio Lower Upper

184 100

185 15.9 11.7 17.5

183 11.4 8.3 12.5



#78

Pyrene

Concen: 37.120 ng

RT: 12.839 min Scan# 1810

Delta R.T. -0.012 min

Lab File: BF144386.D

Acq: 01 Dec 2025 14:40

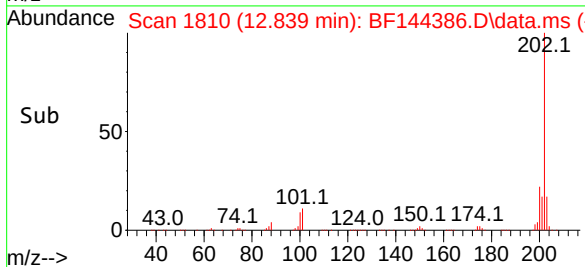
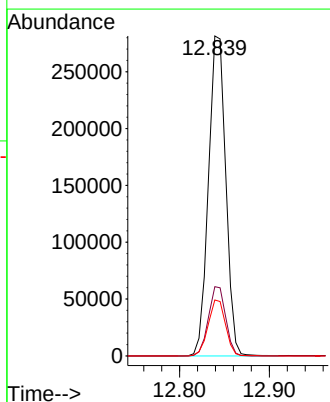
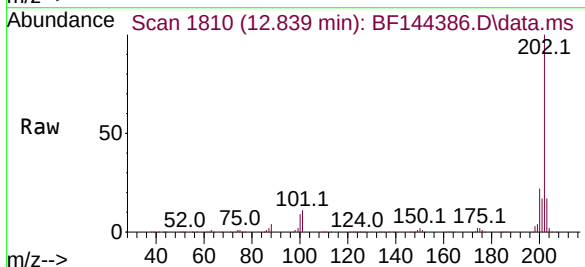
Tgt Ion:202 Resp: 379480

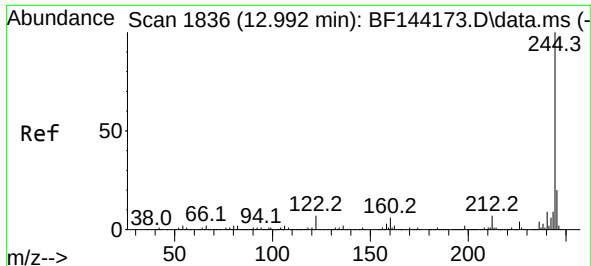
Ion Ratio Lower Upper

202 100

200 21.6 17.2 25.8

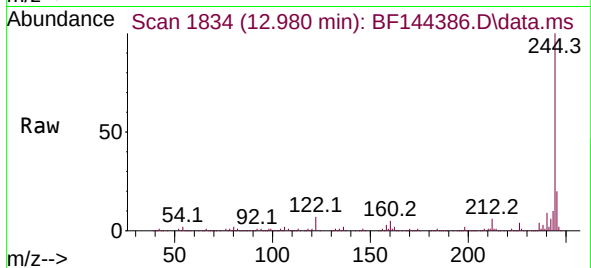
203 17.5 13.7 20.5



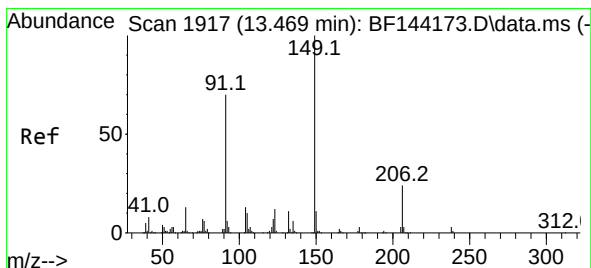
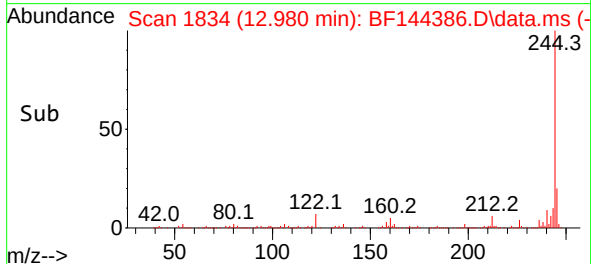
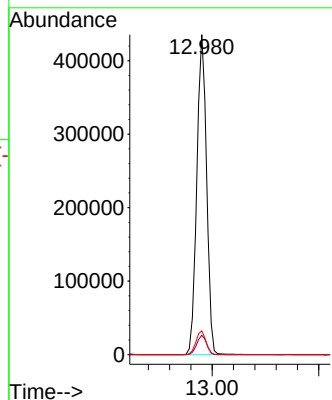


#79
 Terphenyl-d14
 Concen: 69.473 ng
 RT: 12.980 min Scan# 1834
 Delta R.T. -0.012 min
 Lab File: BF144386.D
 Acq: 01 Dec 2025 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PB170763BS

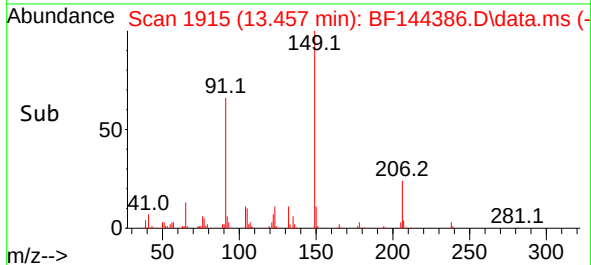
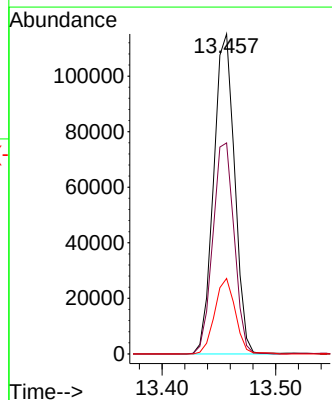
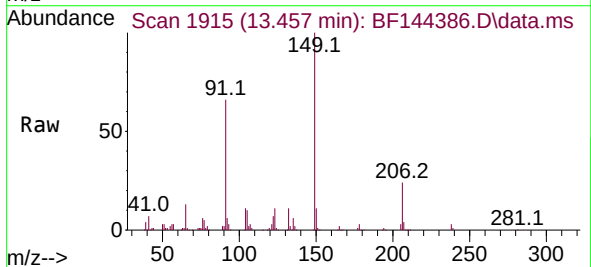


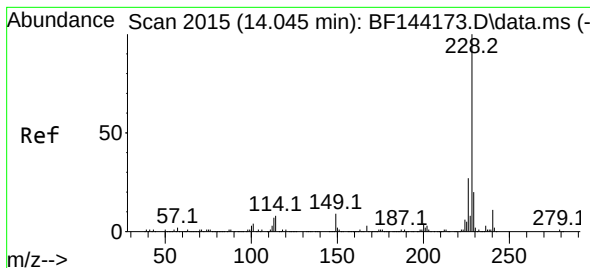
Tgt Ion:244 Resp: 554561
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.3 7.9
 122 7.4 5.6 8.4



#80
 Butylbenzylphthalate
 Concen: 41.701 ng
 RT: 13.457 min Scan# 1915
 Delta R.T. -0.012 min
 Lab File: BF144386.D
 Acq: 01 Dec 2025 14:40

Tgt Ion:149 Resp: 147754
 Ion Ratio Lower Upper
 149 100
 91 65.9 56.1 84.1
 206 23.6 18.8 28.2





#81

Benzo(a)anthracene

Concen: 43.241 ng

RT: 14.033 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF144386.D

Acq: 01 Dec 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170763BS

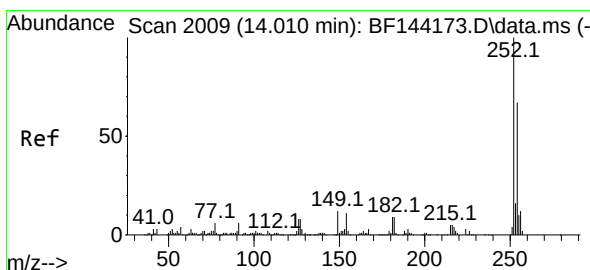
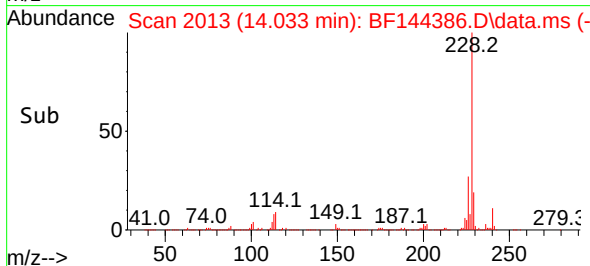
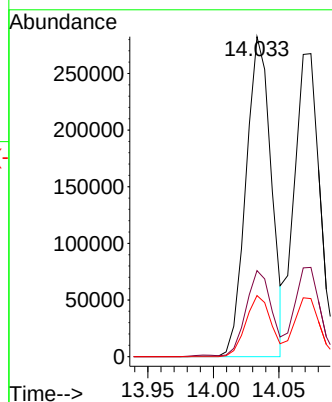
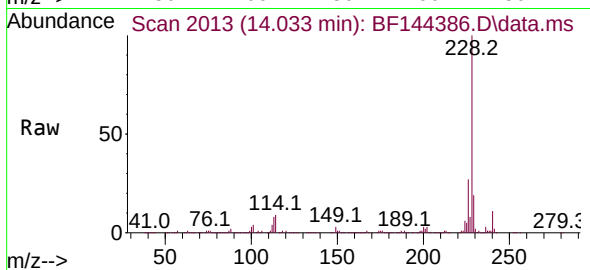
Tgt Ion:228 Resp: 379990

Ion Ratio Lower Upper

228 100

226 26.9 21.8 32.8

229 19.1 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 36.514 ng

RT: 13.998 min Scan# 2007

Delta R.T. -0.012 min

Lab File: BF144386.D

Acq: 01 Dec 2025 14:40

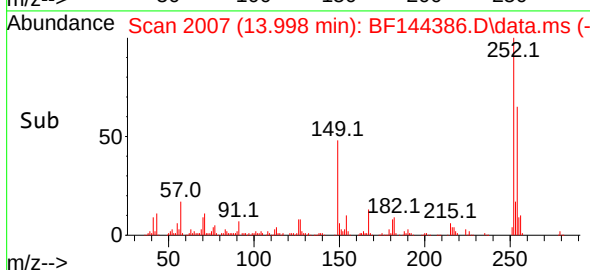
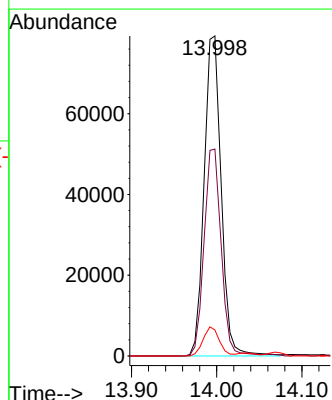
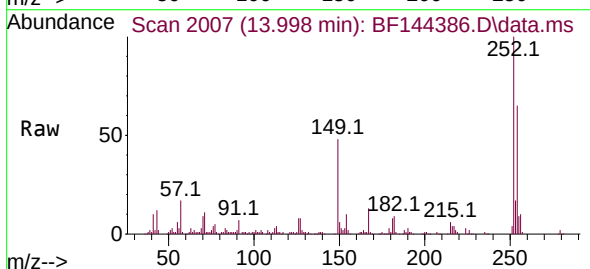
Tgt Ion:252 Resp: 109988

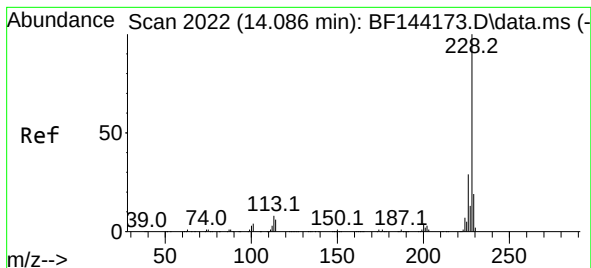
Ion Ratio Lower Upper

252 100

254 64.6 53.5 80.3

126 8.1 6.4 9.6





#83

Chrysene

Concen: 44.335 ng

RT: 14.074 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF144386.D

Acq: 01 Dec 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170763BS

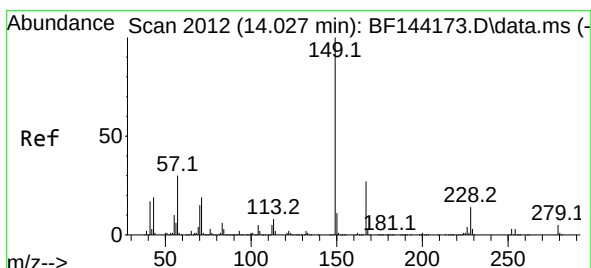
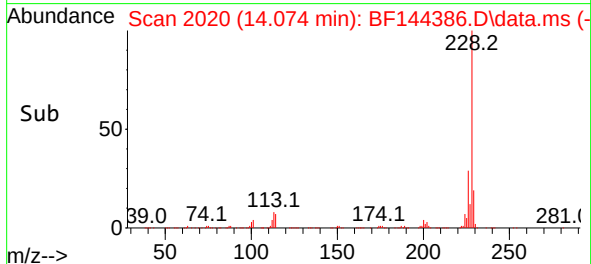
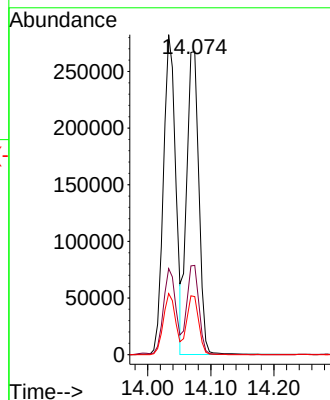
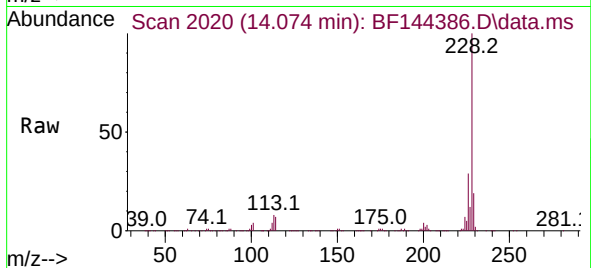
Tgt Ion:228 Resp: 359650

Ion Ratio Lower Upper

228 100

226 29.5 22.9 34.3

229 19.1 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.541 ng

RT: 14.010 min Scan# 2009

Delta R.T. -0.018 min

Lab File: BF144386.D

Acq: 01 Dec 2025 14:40

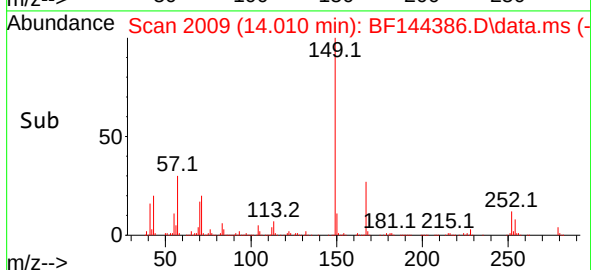
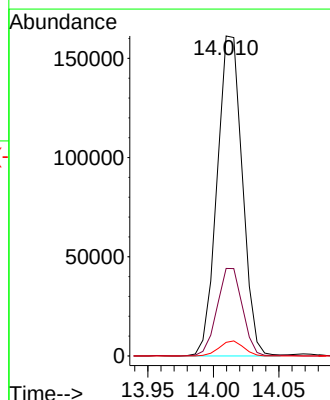
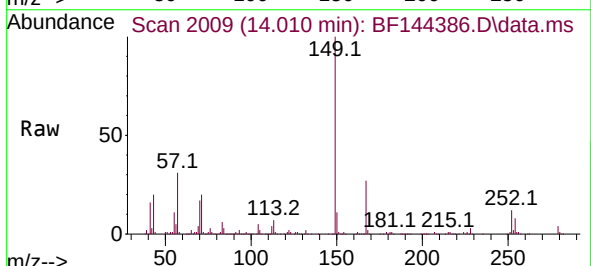
Tgt Ion:149 Resp: 216042

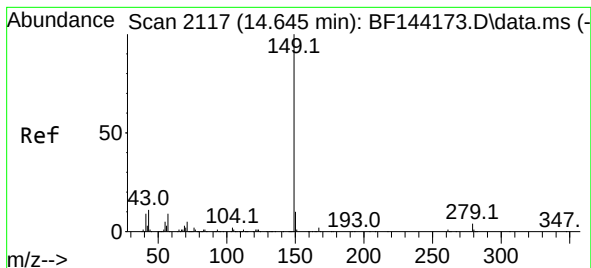
Ion Ratio Lower Upper

149 100

167 27.3 21.8 32.8

279 4.2 3.7 5.5

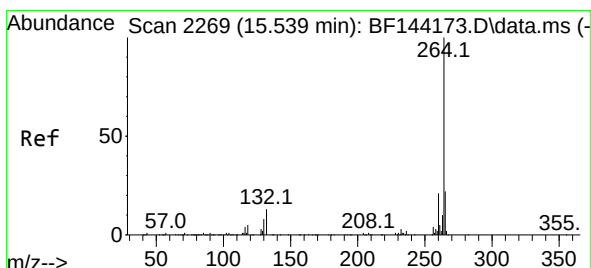
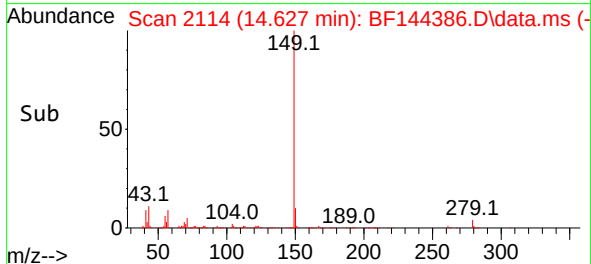
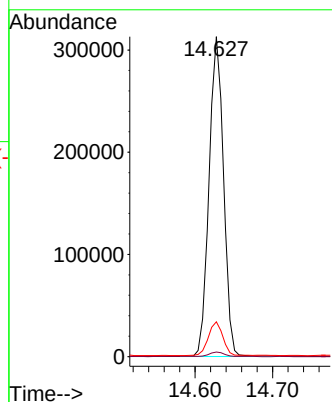
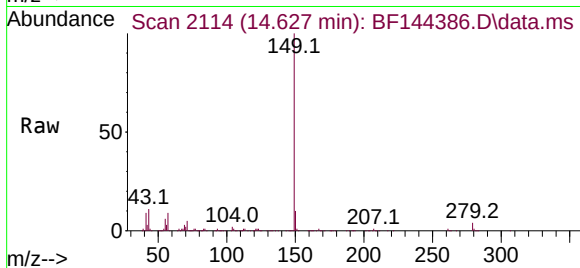




#85
Di-n-octyl phthalate
Concen: 48.491 ng
RT: 14.627 min Scan# 2114
Delta R.T. -0.018 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

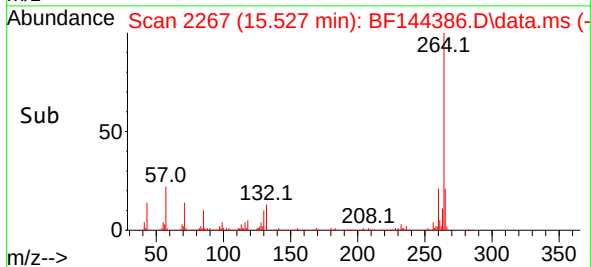
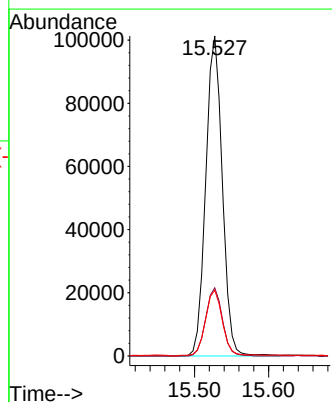
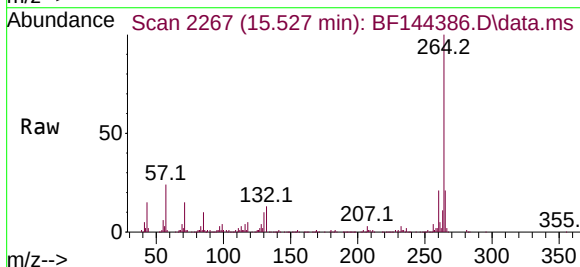
Instrument :
BNA_F
ClientSampleId :
PB170763BS

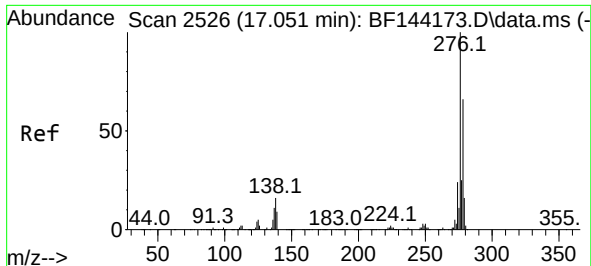
Tgt Ion:149 Resp: 405801
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.6 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

Tgt Ion:264 Resp: 157195
Ion Ratio Lower Upper
264 100
260 21.3 17.1 25.7
265 20.5 17.4 26.0

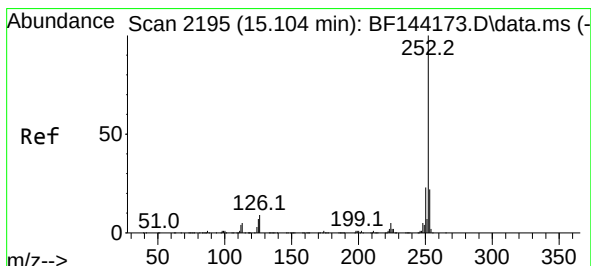
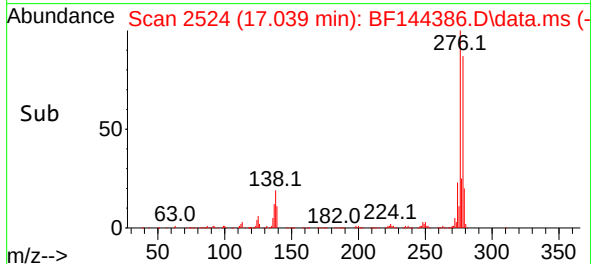
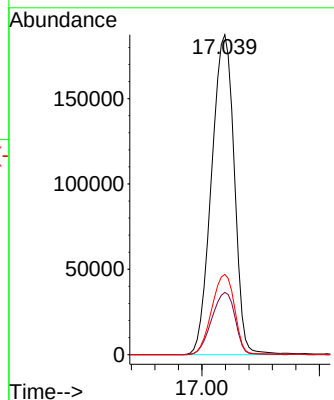
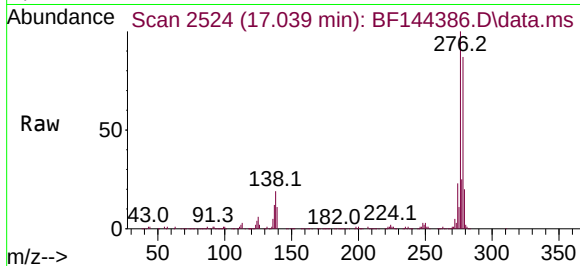




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.533 ng
 RT: 17.039 min Scan# 2193
 Delta R.T. 0.006 min
 Lab File: BF144386.D
 Acq: 01 Dec 2025 14:40

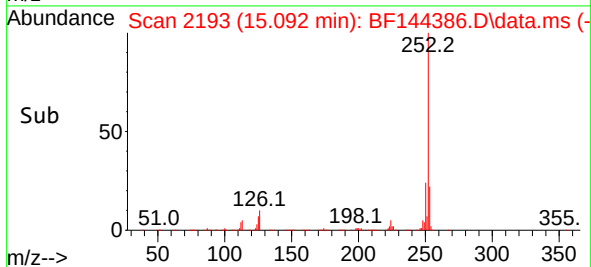
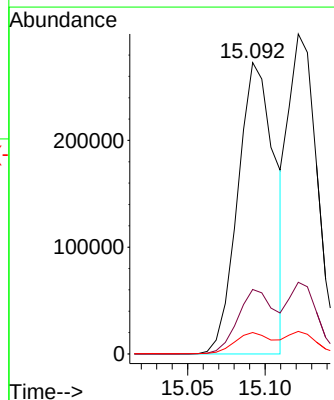
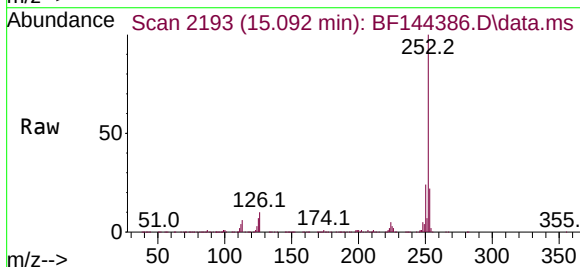
Instrument :
 BNA_F
 ClientSampleId :
 PB170763BS

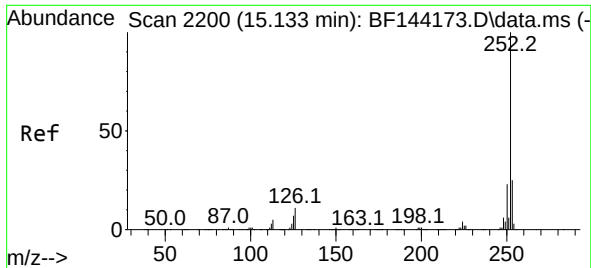
Tgt Ion:276 Resp: 502518
 Ion Ratio Lower Upper
 276 100
 138 20.1 13.9 20.9
 277 25.3 19.8 29.6



#88
 Benzo(b)fluoranthene
 Concen: 50.821 ng
 RT: 15.092 min Scan# 2193
 Delta R.T. -0.006 min
 Lab File: BF144386.D
 Acq: 01 Dec 2025 14:40

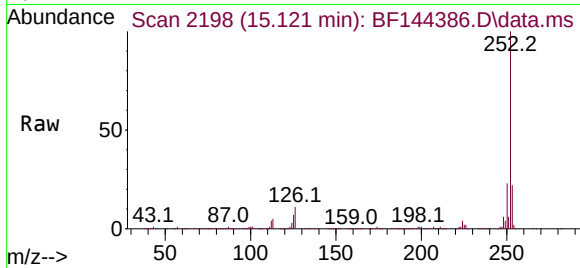
Tgt Ion:252 Resp: 454177
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.4 26.2
 125 7.3 5.3 7.9



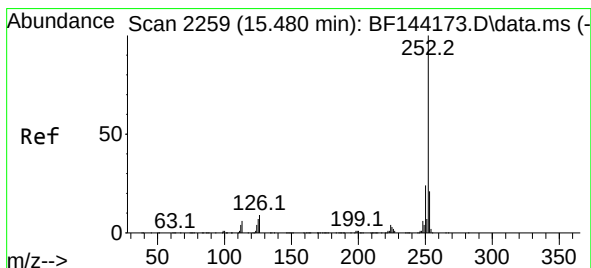
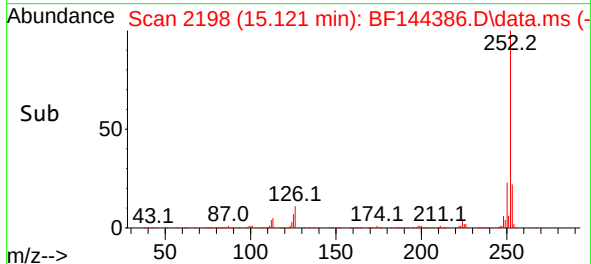
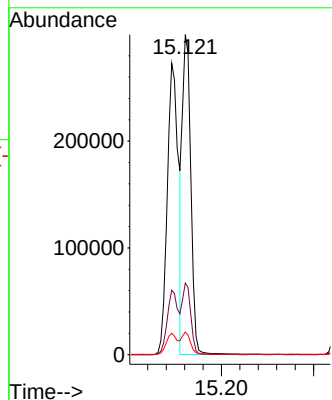


#89
Benzo(k)fluoranthene
Concen: 46.264 ng
RT: 15.121 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

Instrument :
BNA_F
ClientSampleId :
PB170763BS

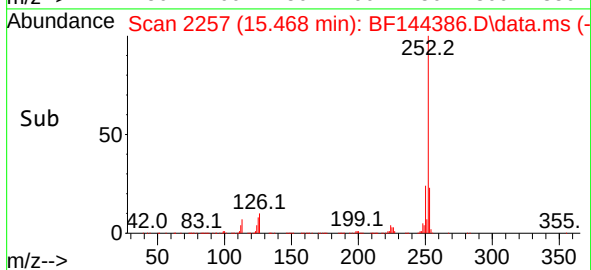
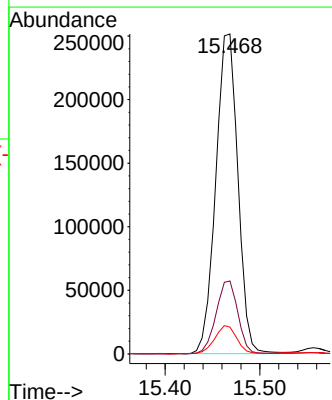
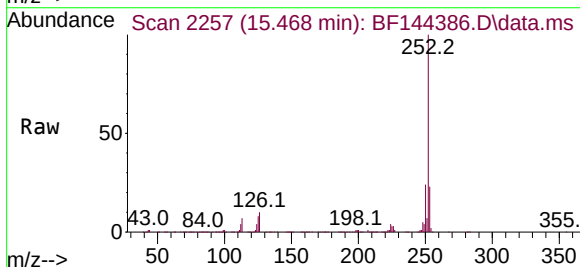


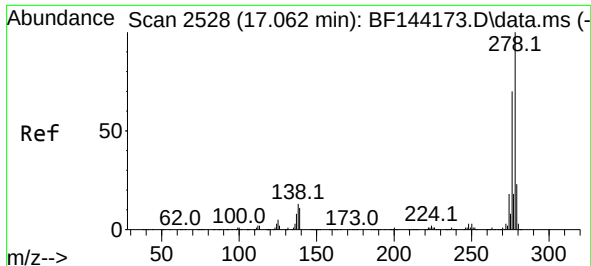
Tgt Ion:252 Resp: 386995
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 7.0 5.4 8.2



#90
Benzo(a)pyrene
Concen: 49.481 ng
RT: 15.468 min Scan# 2257
Delta R.T. -0.006 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

Tgt Ion:252 Resp: 407948
Ion Ratio Lower Upper
252 100
253 22.8 16.7 25.1
125 8.4 5.7 8.5

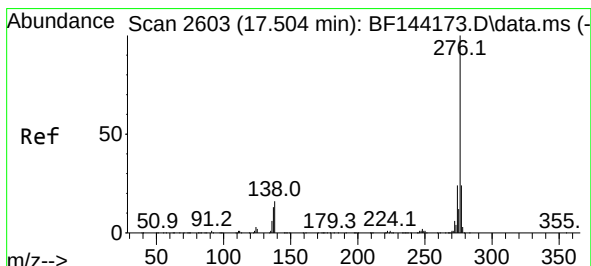
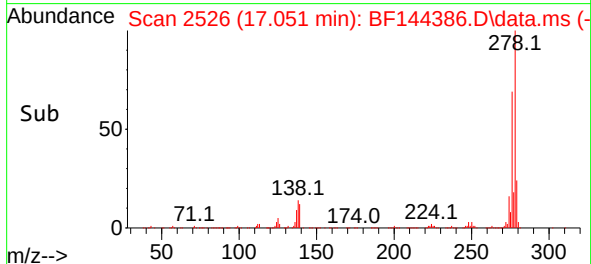
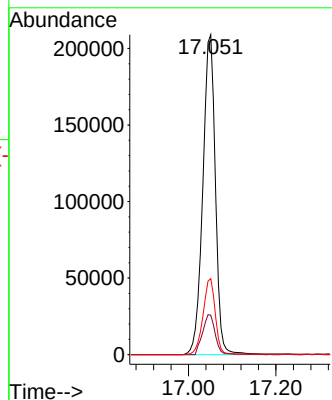
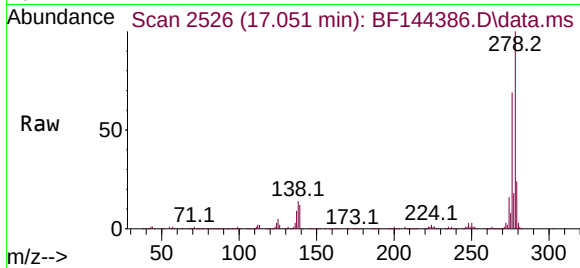




#91
Dibenzo(a,h)anthracene
Concen: 45.842 ng
RT: 17.051 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

Instrument :
BNA_F
ClientSampleId :
PB170763BS

Tgt Ion:278 Resp: 415433
Ion Ratio Lower Upper
278 100
139 12.3 9.1 13.7
279 23.7 18.2 27.4



#92
Benzo(g,h,i)perylene
Concen: 46.888 ng
RT: 17.492 min Scan# 2601
Delta R.T. -0.000 min
Lab File: BF144386.D
Acq: 01 Dec 2025 14:40

Tgt Ion:276 Resp: 419604
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.4
138 17.2 12.9 19.3

