

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112025\
 Data File : BF144301.D
 Acq On : 20 Nov 2025 18:27
 Operator : RC/JU
 Sample : Q3681-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 20 23:58:30 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	52064	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	181867	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	92824	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	161668	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	132524	20.000	ng	0.00
86) Perylene-d12	15.521	264	112788	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	342955	103.081	ng	0.00
7) Phenol-d6	6.498	99	382730	101.525	ng	0.00
23) Nitrobenzene-d5	7.428	82	237604	75.455	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	118169	101.447	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	429575	68.350	ng	0.00
79) Terphenyl-d14	12.980	244	481191	57.675	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	64750	47.074	ng	98
3) Pyridine	3.434	79	163170	42.520	ng	99
4) n-Nitrosodimethylamine	3.387	42	98424	49.102	ng	95
6) Aniline	6.528	93	95427	17.767	ng	# 74
8) 2-Chlorophenol	6.651	128	143564	44.000	ng	99
9) Benzaldehyde	6.416	77	81472	38.273	ng	98
10) Phenol	6.516	94	196404	42.642	ng	97
11) bis(2-Chloroethyl)ether	6.598	93	156000	46.482	ng	99
12) 1,3-Dichlorobenzene	6.804	146	181964	45.195	ng	99
13) 1,4-Dichlorobenzene	6.881	146	187423	46.466	ng	99
14) 1,2-Dichlorobenzene	7.033	146	176511	45.656	ng	98
15) Benzyl Alcohol	7.004	79	134472	45.048	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	274500	44.415	ng	98
17) 2-Methylphenol	7.122	107	113200	43.611	ng	98
18) Hexachloroethane	7.375	117	55614	41.500	ng	96
19) n-Nitroso-di-n-propyla...	7.275	70	107462	43.302	ng	96
20) 3+4-Methylphenols	7.275	107	133419	43.604	ng	# 88
22) Acetophenone	7.275	105	195015	49.985	ng	98
24) Nitrobenzene	7.445	77	162464	47.518	ng	99
25) Isophorone	7.686	82	278202	46.707	ng	98
26) 2-Nitrophenol	7.763	139	65079	38.452	ng	96
27) 2,4-Dimethylphenol	7.798	122	127869	50.407	ng	97
28) bis(2-Chloroethoxy)met...	7.892	93	178006	47.858	ng	98
29) 2,4-Dichlorophenol	8.010	162	126085	43.124	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	142186	47.360	ng	97
31) Naphthalene	8.169	128	401668	46.429	ng	99
32) Benzoic acid	7.904	122	53450	28.745	ng	97
33) 4-Chloroaniline	8.216	127	44763	14.187	ng	99
34) Hexachlorobutadiene	8.280	225	100400	44.373	ng	99
35) Caprolactam	8.586	113	36490	45.554	ng	96
36) 4-Chloro-3-methylphenol	8.704	107	112710	43.014	ng	99
37) 2-Methylnaphthalene	8.863	142	238539	41.240	ng	97
38) 1-Methylnaphthalene	8.957	142	233556	41.848	ng	98
40) 1,2,4,5-Tetrachloroben...	9.027	216	139973	46.011	ng	98
41) Hexachlorocyclopentadiene	9.010	237	30358	34.359	ng	98
43) 2,4,6-Trichlorophenol	9.139	196	92790	44.814	ng	99

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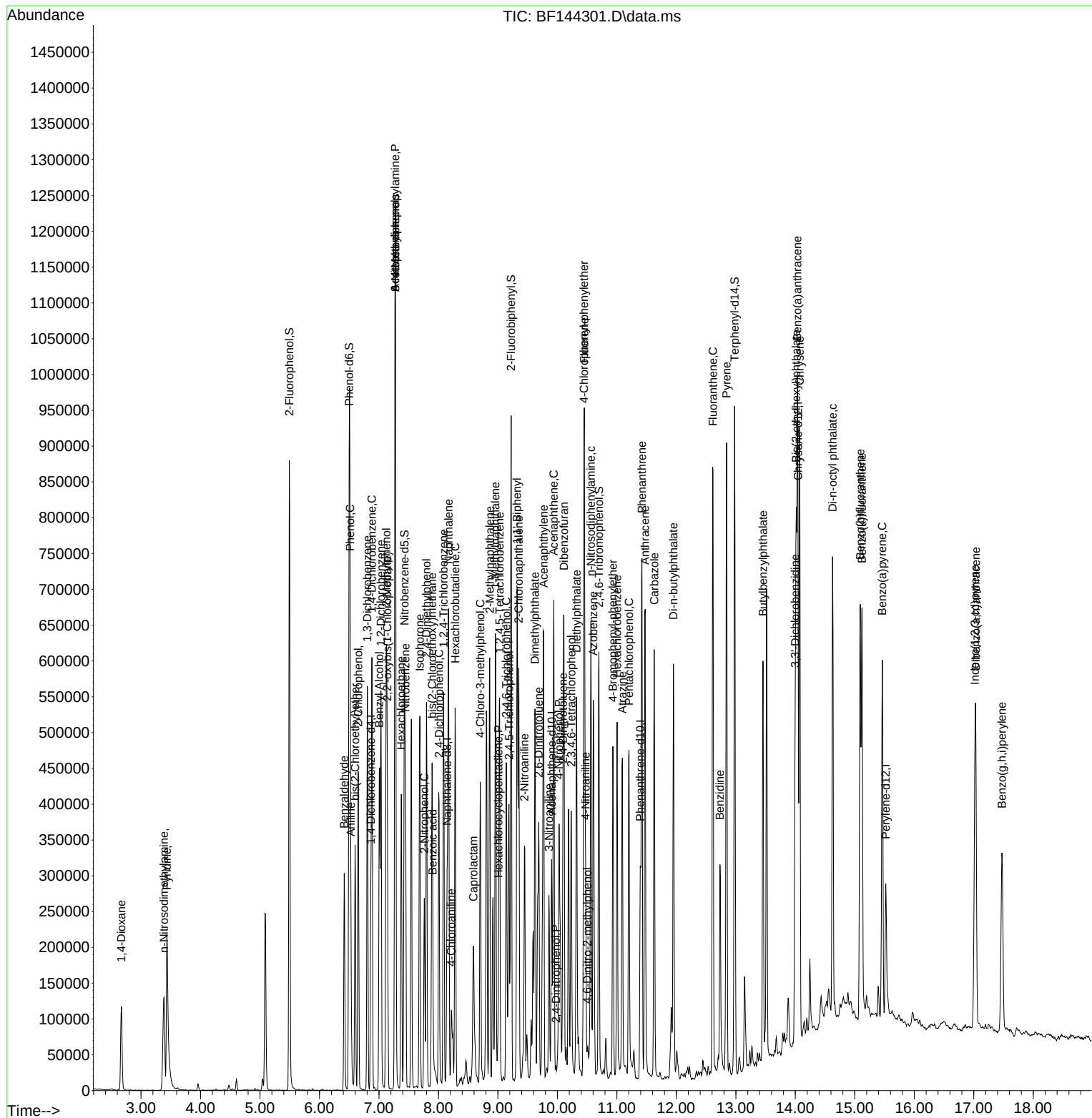
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	97949	43.892	ng	99
46) 1,1'-Biphenyl	9.322	154	306289	47.271	ng	99
47) 2-Chloronaphthalene	9.351	162	245939	44.498	ng	99
48) 2-Nitroaniline	9.445	65	82568	51.776	ng	98
49) Acenaphthylene	9.769	152	394887	52.429	ng	99
50) Dimethylphthalate	9.622	163	298545	48.549	ng	99
51) 2,6-Dinitrotoluene	9.686	165	61287	49.233	ng	98
52) Acenaphthene	9.939	154	210952	41.884	ng	100
53) 3-Nitroaniline	9.857	138	54807	40.276	ng	99
54) 2,4-Dinitrophenol	9.980	184	4117	5.477	ng	90
55) Dibenzofuran	10.110	168	324366	45.983	ng	99
56) 4-Nitrophenol	10.027	139	86514	87.889	ng	97
57) 2,4-Dinitrotoluene	10.092	165	77272	46.369	ng	# 98
58) Fluorene	10.451	166	255497	47.639	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	73811	46.750	ng	# 98
60) Diethylphthalate	10.322	149	273261	48.204	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	133224	43.608	ng	98
62) 4-Nitroaniline	10.474	138	64336	49.645	ng	96
63) Azobenzene	10.604	77	266772	50.565	ng	95
65) 4,6-Dinitro-2-methylph...	10.504	198	5344	4.866	ng	78
66) n-Nitrosodiphenylamine	10.563	169	239594	46.079	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	84905	41.145	ng	94
68) Hexachlorobenzene	11.004	284	105725	43.498	ng	97
69) Atrazine	11.092	200	81408	49.230	ng	97
70) Pentachlorophenol	11.204	266	98005	80.973	ng	99
71) Phenanthrene	11.421	178	420364	52.224	ng	100
72) Anthracene	11.474	178	387128	47.299	ng	99
73) Carbazole	11.627	167	347186	49.885	ng	99
74) Di-n-butylphthalate	11.951	149	413286	49.122	ng	99
75) Fluoranthene	12.615	202	538649	64.782	ng	99
77) Benzidine	12.733	184	180502	46.047	ng	98
78) Pyrene	12.845	202	547904	51.277	ng	99
80) Butylbenzylphthalate	13.457	149	185585	50.112	ng	97
81) Benzo(a)anthracene	14.033	228	527143	57.392	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	120954	38.418	ng	97
83) Chrysene	14.074	228	441776	52.103	ng	98
84) Bis(2-ethylhexyl)phtha...	14.015	149	259544	51.195	ng	100
85) Di-n-octyl phthalate	14.627	149	430165	49.179	ng	98
87) Indeno(1,2,3-cd)pyrene	17.021	276	308122	38.057	ng	97
88) Benzo(b)fluoranthene	15.092	252	406685	63.423	ng	100
89) Benzo(k)fluoranthene	15.121	252	355449	59.224	ng	99
90) Benzo(a)pyrene	15.462	252	334455	56.538	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	245404	37.741	ng	98
92) Benzo(g,h,i)perylene	17.474	276	250769	39.054	ng	98

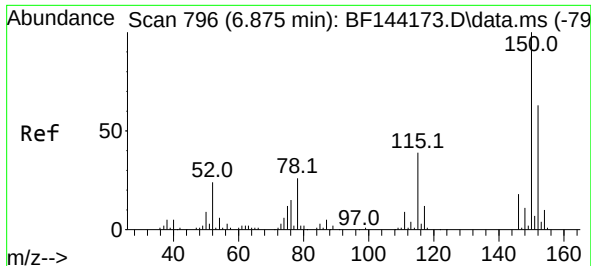
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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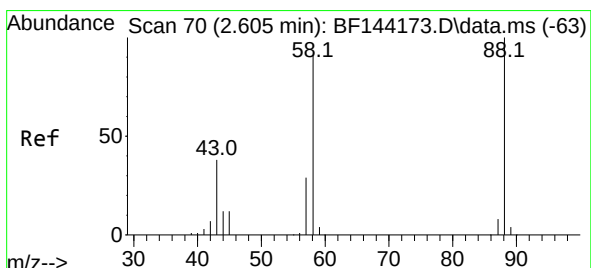
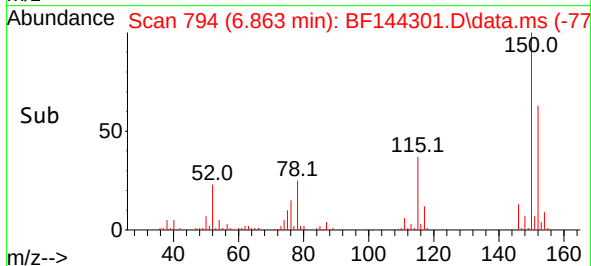
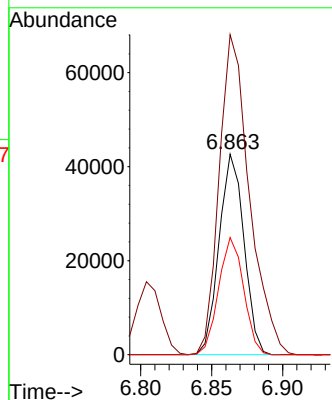
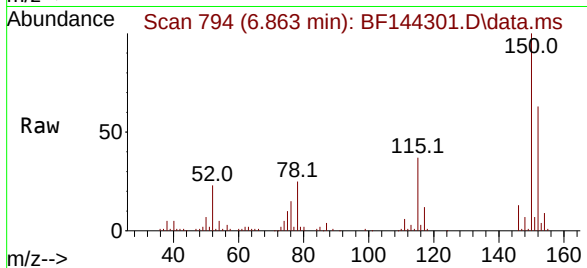




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: BF144301.D
 Acq: 20 Nov 2025 18:27

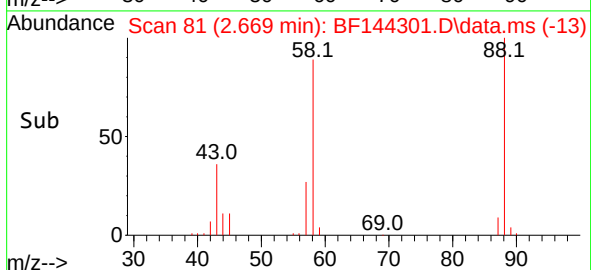
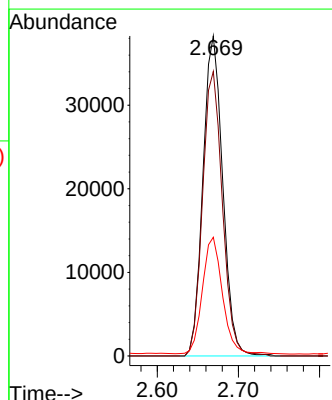
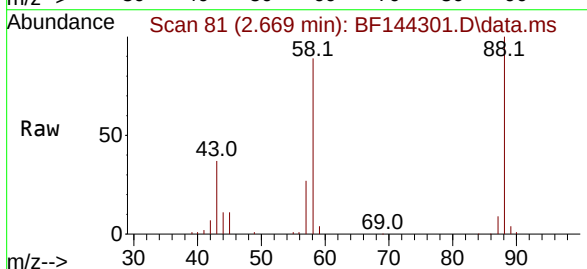
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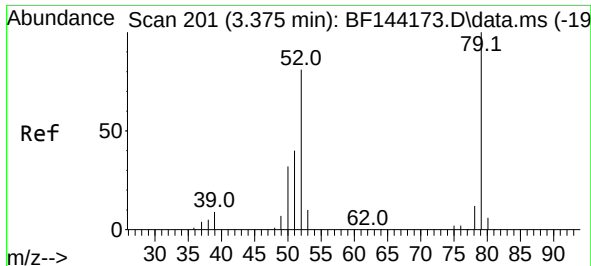
Tgt Ion:152 Resp: 52064
 Ion Ratio Lower Upper
 152 100
 150 159.6 127.4 191.0
 115 58.4 49.5 74.3



#2
 1,4-Dioxane
 Concen: 47.074 ng
 RT: 2.669 min Scan# 81
 Delta R.T. 0.053 min
 Lab File: BF144301.D
 Acq: 20 Nov 2025 18:27

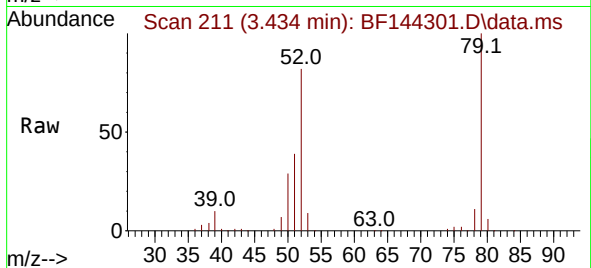
Tgt Ion: 88 Resp: 64750
 Ion Ratio Lower Upper
 88 100
 58 89.2 73.1 109.7
 43 37.2 31.0 46.6



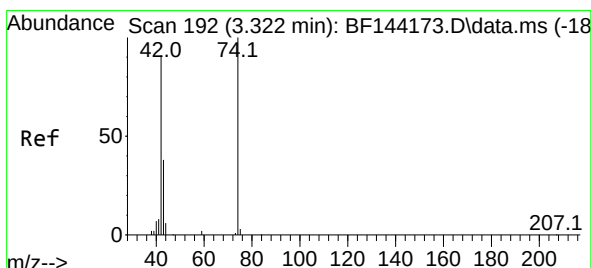
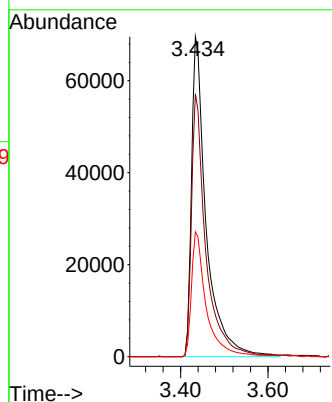
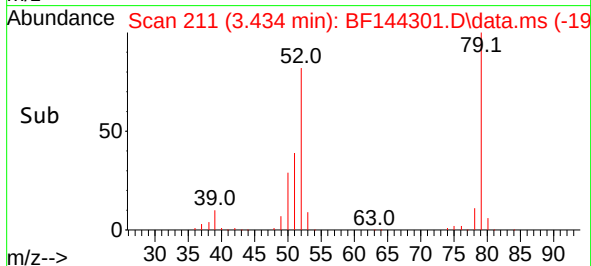


#3
Pyridine
Concen: 42.520 ng
RT: 3.434 min Scan# 211
Delta R.T. 0.023 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

Instrument :
BNA_F
ClientSampleId :

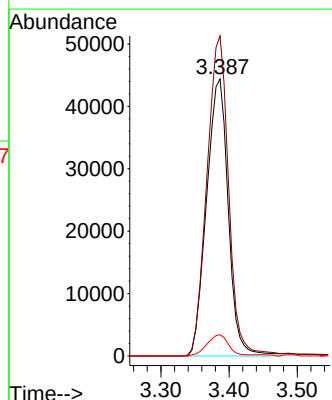
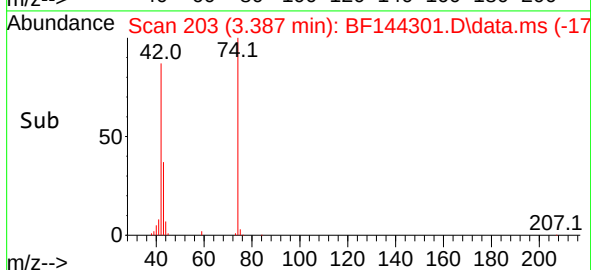
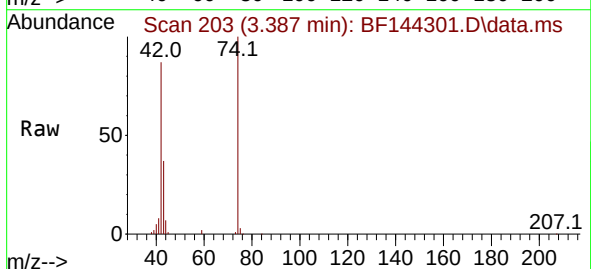


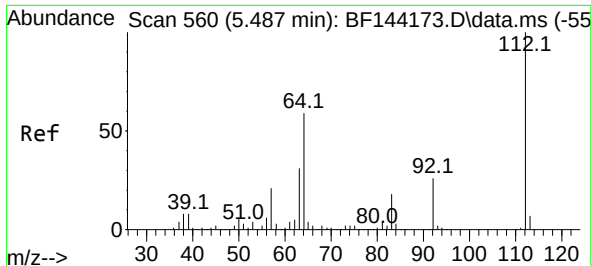
Tgt Ion: 79 Resp: 163170
Ion Ratio Lower Upper
79 100
52 82.2 64.5 96.7
51 39.0 31.7 47.5



#4
n-Nitrosodimethylamine
Concen: 49.102 ng
RT: 3.387 min Scan# 203
Delta R.T. 0.041 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

Tgt Ion: 42 Resp: 98424
Ion Ratio Lower Upper
42 100
74 115.5 88.2 132.4
44 7.7 5.7 8.5

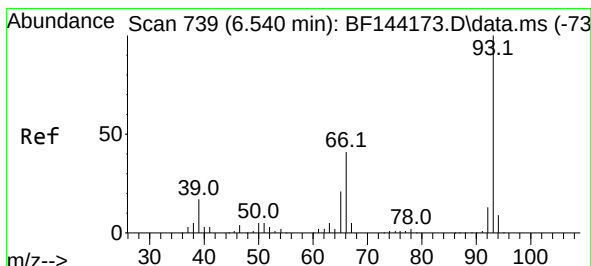
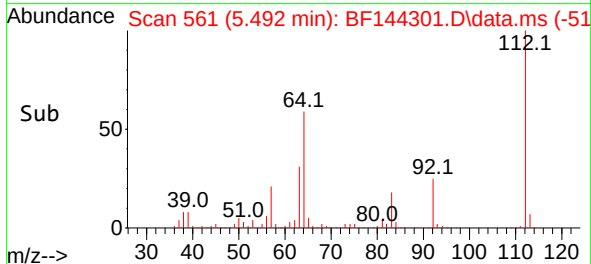
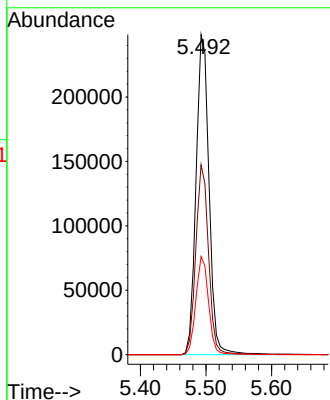
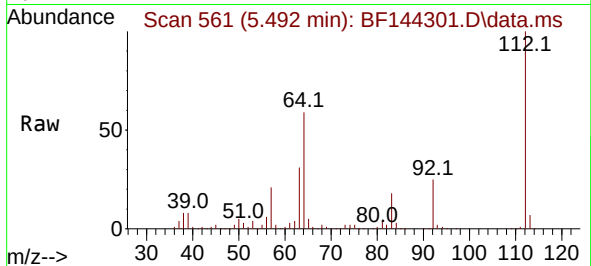




#5
2-Fluorophenol
Concen: 103.081 ng
RT: 5.492 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

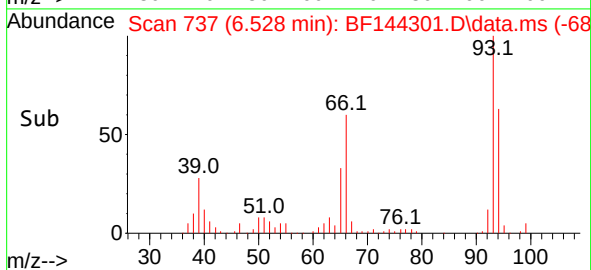
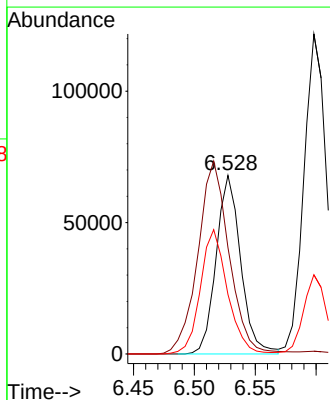
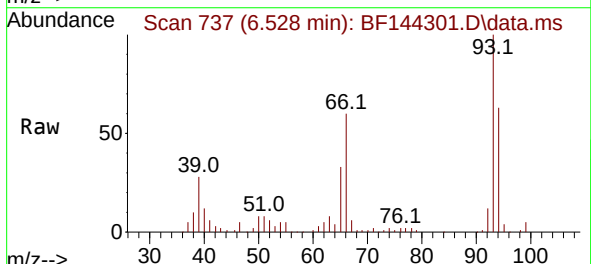
Instrument :
BNA_F
ClientSampleId :

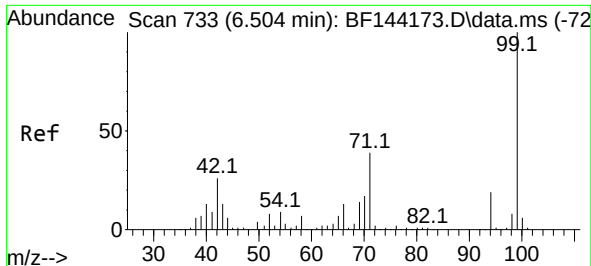
Tgt Ion:112 Resp: 342955
Ion Ratio Lower Upper
112 100
64 59.4 47.2 70.8
63 30.7 24.4 36.6



#6
Aniline
Concen: 17.767 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

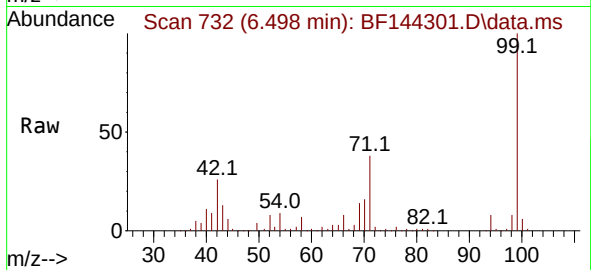
Tgt Ion: 93 Resp: 95427
Ion Ratio Lower Upper
93 100
66 59.6 34.3 51.5#
65 33.4 16.9 25.3#



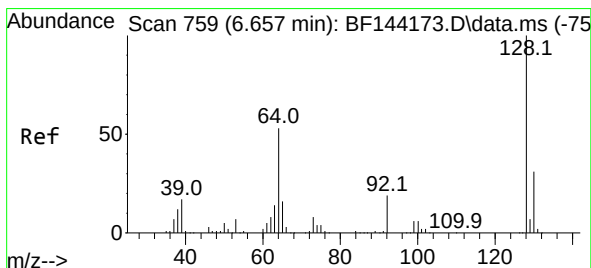
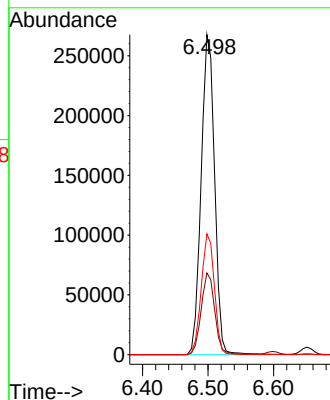
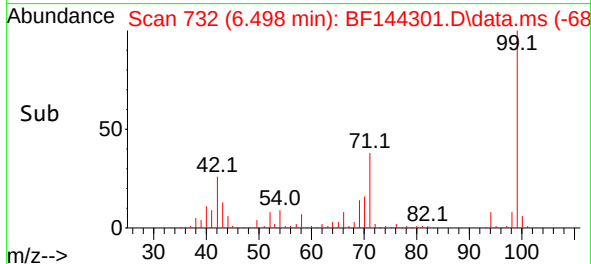


#7
Phenol-d6
Concen: 101.525 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

Instrument :
BNA_F
ClientSampleId :

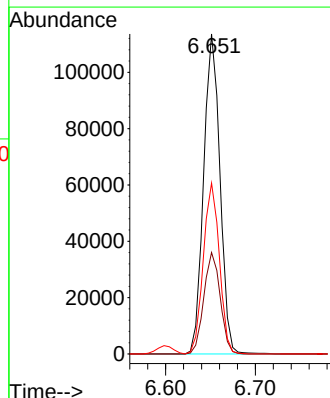
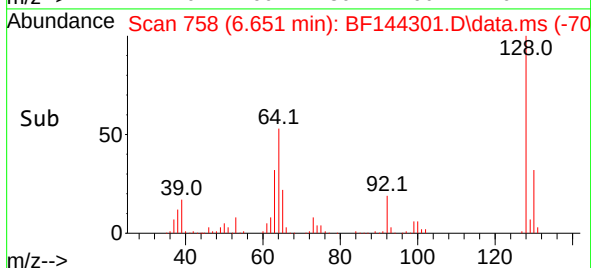
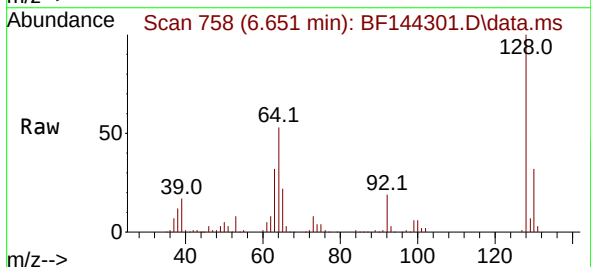


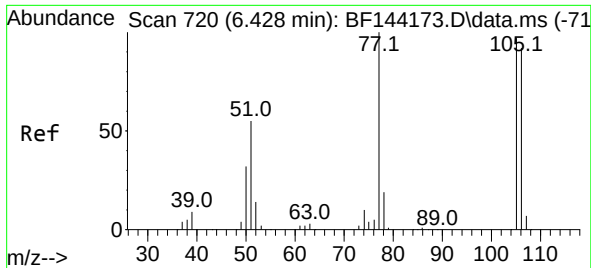
Tgt Ion: 99 Resp: 382730
Ion Ratio Lower Upper
99 100
42 25.5 20.9 31.3
71 37.7 31.4 47.2



#8
2-Chlorophenol
Concen: 44.000 ng
RT: 6.651 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

Tgt Ion: 128 Resp: 143564
Ion Ratio Lower Upper
128 100
130 31.7 10.5 50.5
64 53.4 33.2 73.2

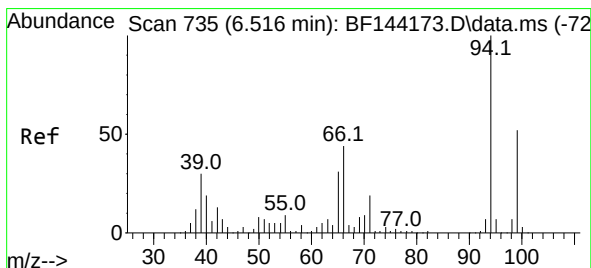
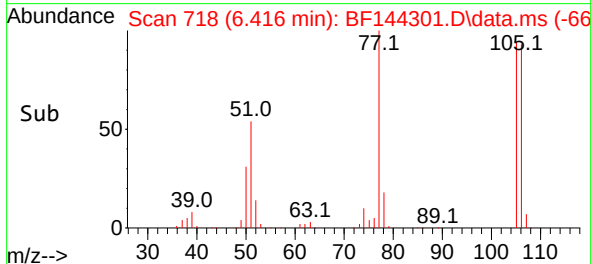
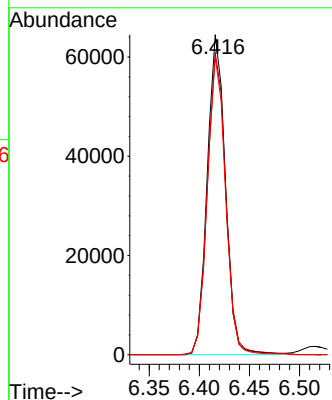
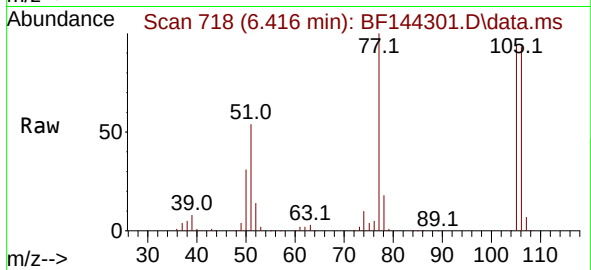




#9
Benzaldehyde
Concen: 38.273 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

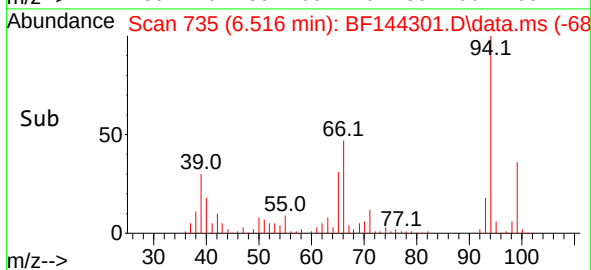
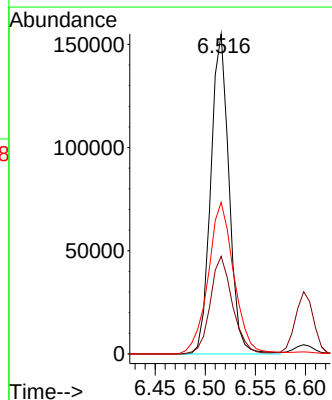
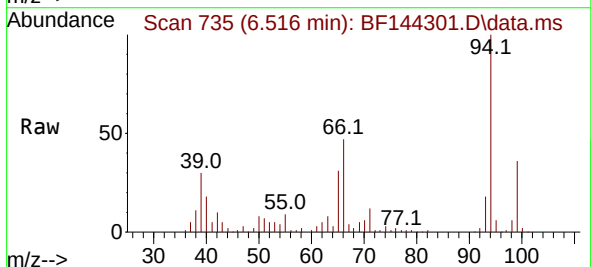
Instrument :
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ClientSampleId :

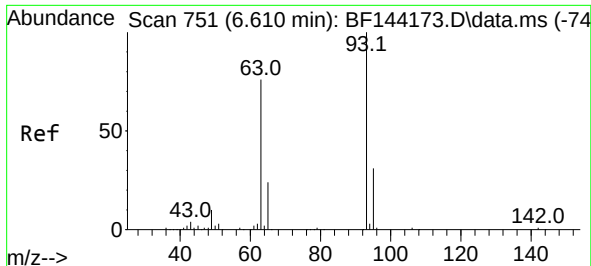
Tgt Ion: 77	Resp: 81472
Ion Ratio	Lower Upper
77 100	
105 94.3	77.2 117.2
106 93.1	72.2 112.2



#10
Phenol
Concen: 42.642 ng
RT: 6.516 min Scan# 735
Delta R.T. 0.006 min
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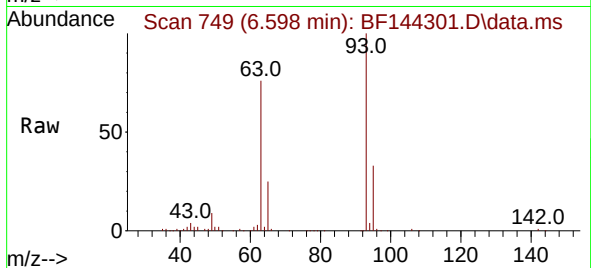
Tgt Ion: 94	Resp: 196404
Ion Ratio	Lower Upper
94 100	
65 30.5	10.8 50.8
66 47.4	24.3 64.3



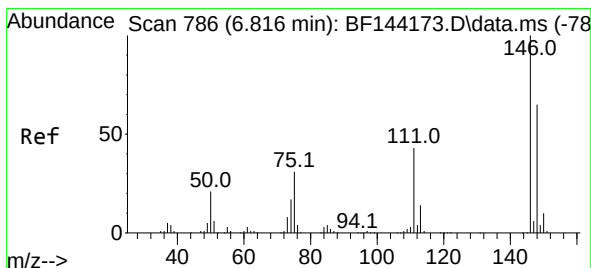
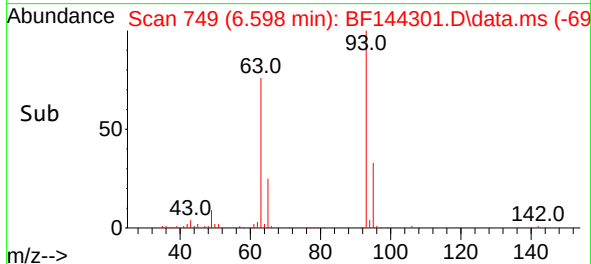
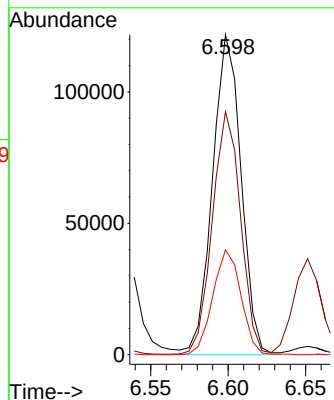


#11
bis(2-Chloroethyl)ether
Concen: 46.482 ng
RT: 6.598 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

Instrument :
BNA_F
ClientSampleId :

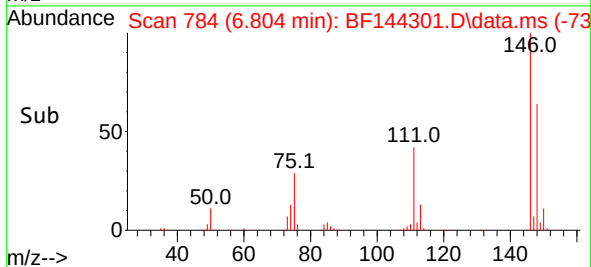
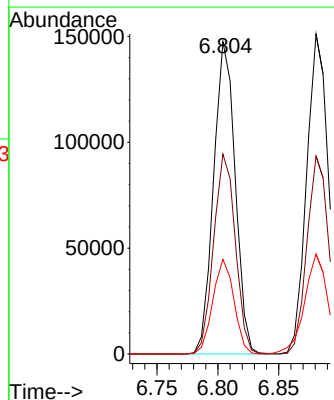
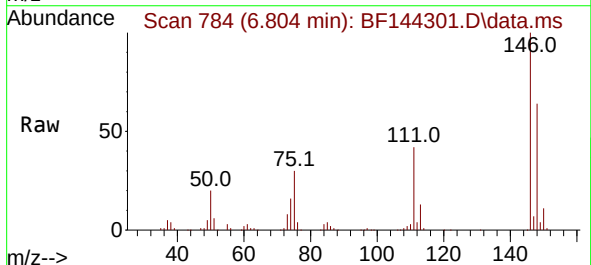


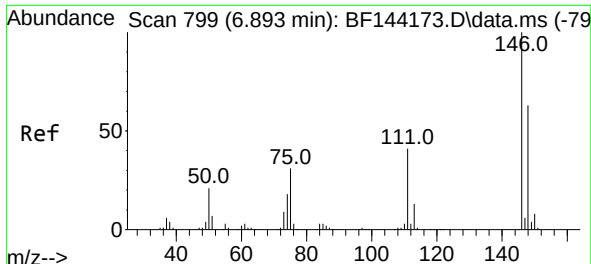
Tgt Ion: 93 Resp: 156000
Ion Ratio Lower Upper
93 100
63 76.0 55.2 95.2
95 32.8 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 45.195 ng
RT: 6.804 min Scan# 784
Delta R.T. -0.012 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

Tgt Ion: 146 Resp: 181964
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
75 30.3 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 46.466 ng

RT: 6.881 min Scan# 799

Delta R.T. -0.012 min

Lab File: BF144301.D

Acq: 20 Nov 2025 18:27

Instrument :

BNA_F

ClientSampleId :

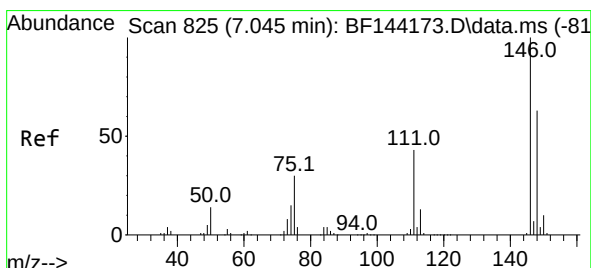
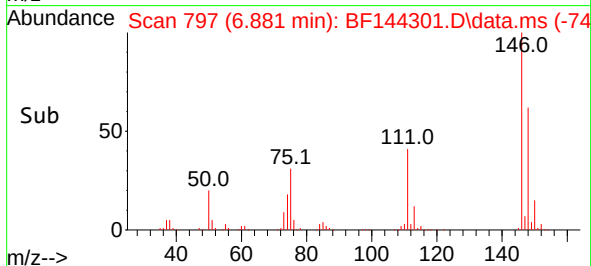
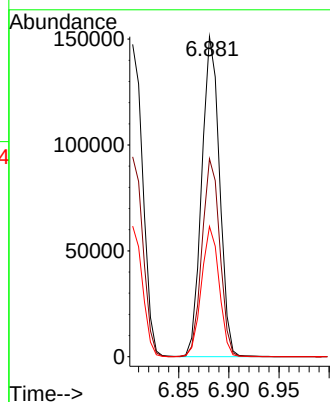
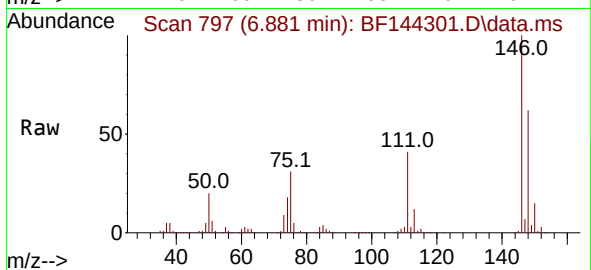
Tgt Ion:146 Resp: 187423

Ion Ratio Lower Upper

146 100

148 61.8 50.2 75.2

111 40.7 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 45.656 ng

RT: 7.033 min Scan# 823

Delta R.T. -0.012 min

Lab File: BF144301.D

Acq: 20 Nov 2025 18:27

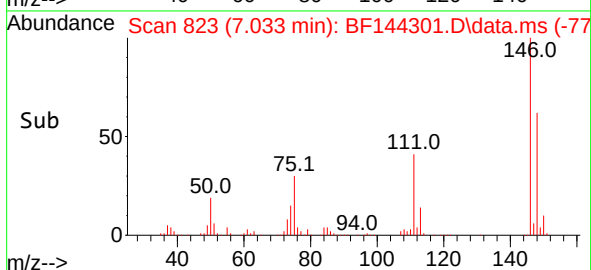
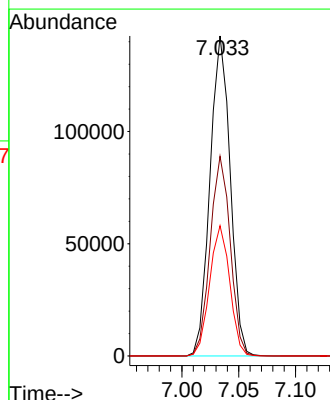
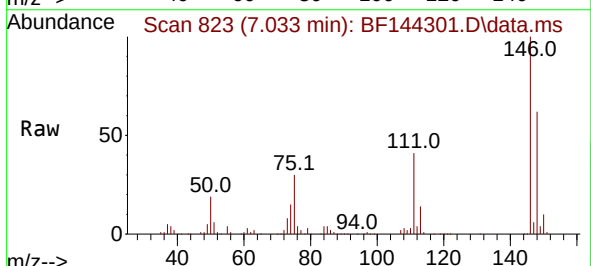
Tgt Ion:146 Resp: 176511

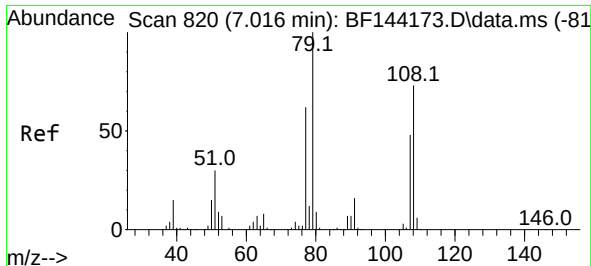
Ion Ratio Lower Upper

146 100

148 62.4 50.7 76.1

111 40.7 34.2 51.4

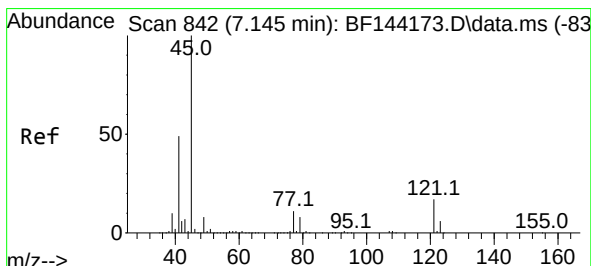
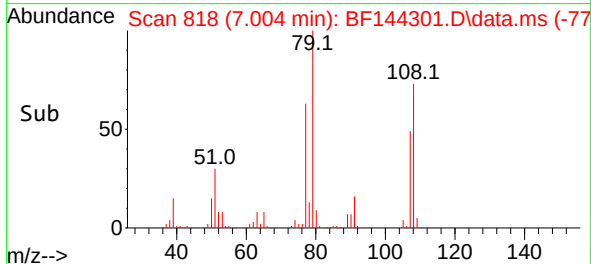
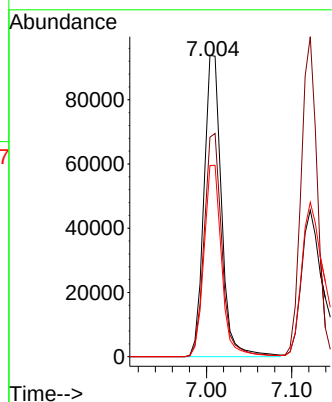
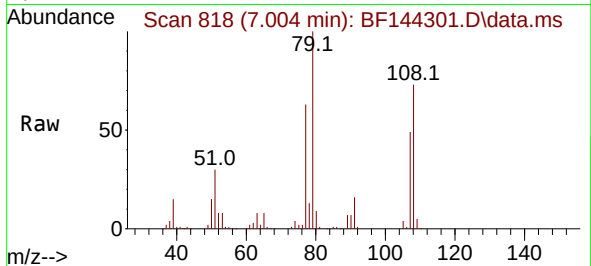




#15
Benzyl Alcohol
Concen: 45.048 ng
RT: 7.004 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

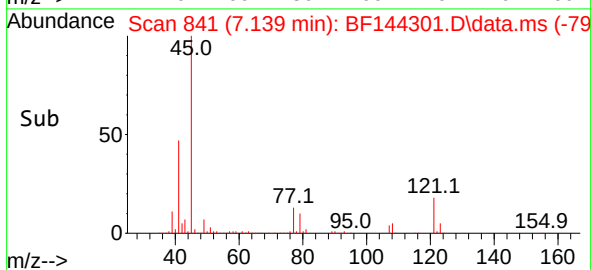
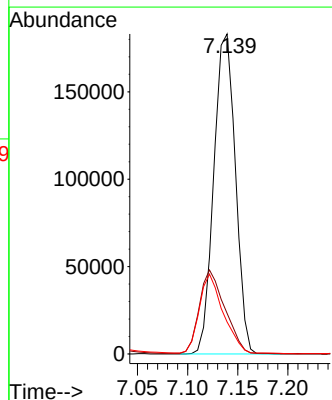
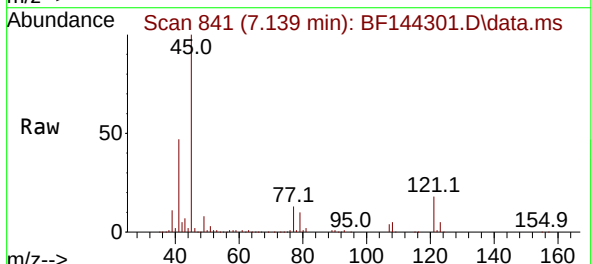
Instrument :
BNA_F
ClientSampleId :

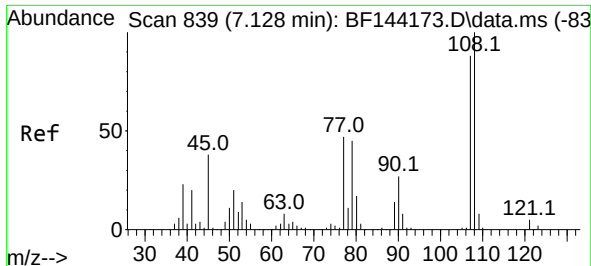
Tgt Ion: 79 Resp: 134472
Ion Ratio Lower Upper
79 100
108 72.8 58.2 87.4
77 63.5 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 44.415 ng
RT: 7.139 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

Tgt Ion: 45 Resp: 274500
Ion Ratio Lower Upper
45 100
77 12.7 0.0 31.8
79 10.0 0.0 29.1



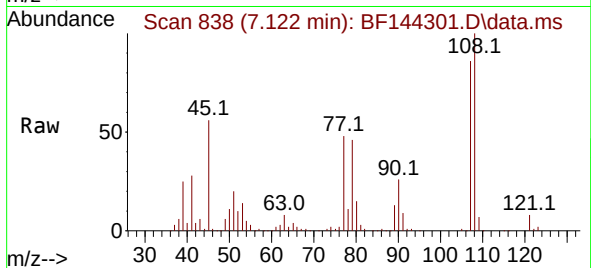


#17
2-Methylphenol
Concen: 43.611 ng
RT: 7.122 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

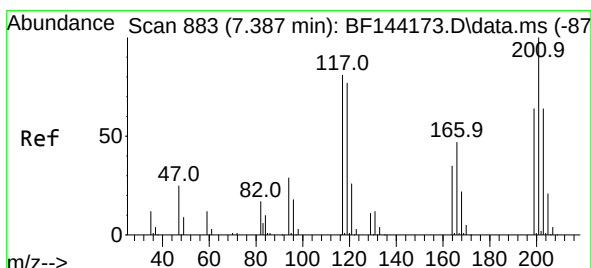
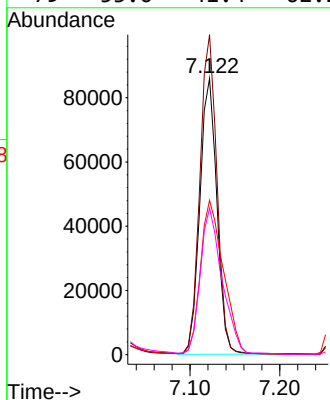
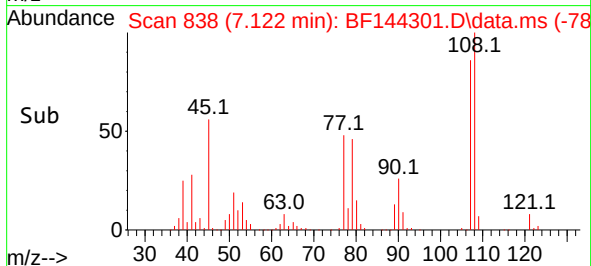
Instrument :

BNA_F

ClientSampleId :

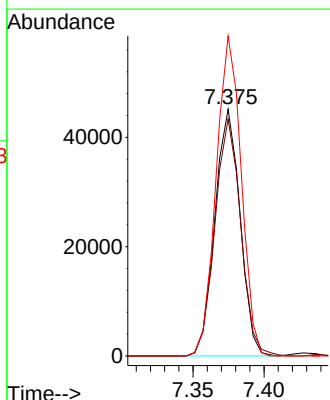
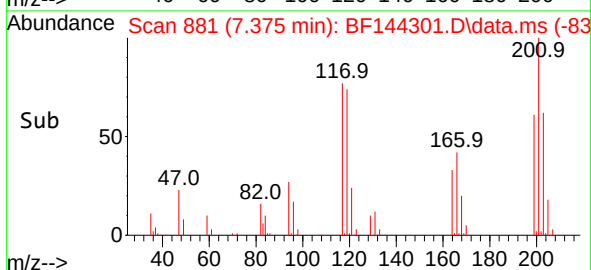
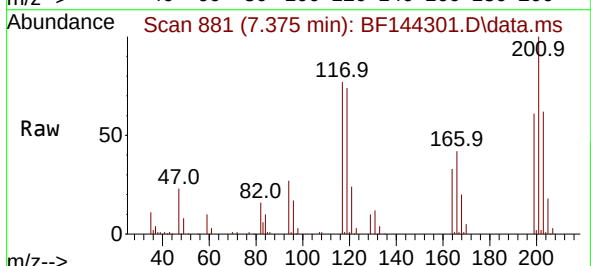


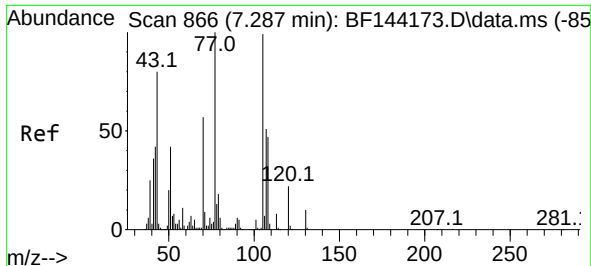
Tgt Ion:	107	Resp:	113200
Ion	Ratio	Lower	Upper
107	100		
108	115.8	91.0	136.4
77	55.9	42.7	64.1
79	53.0	41.4	62.2



#18
Hexachloroethane
Concen: 41.500 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

Tgt Ion:	117	Resp:	55614
Ion	Ratio	Lower	Upper
117	100		
119	96.0	75.8	113.8
201	129.7	98.9	148.3

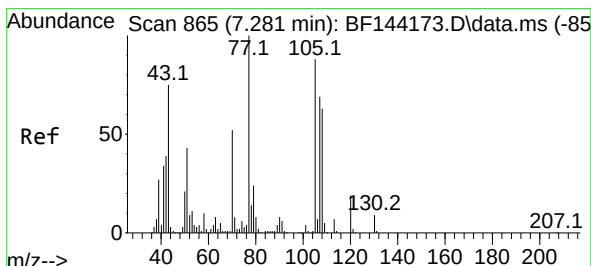
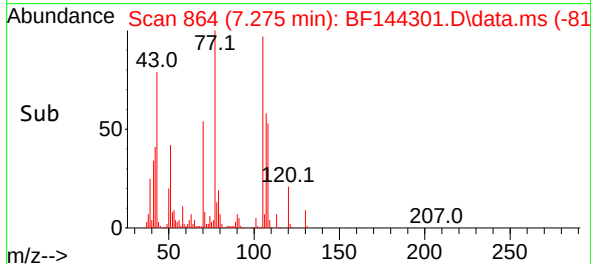
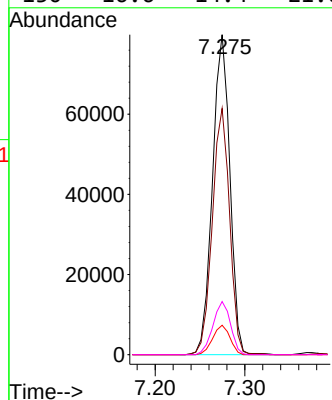
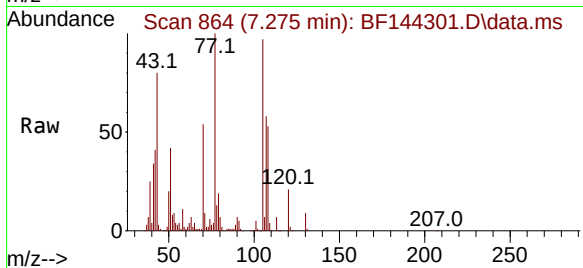




#19
n-Nitroso-di-n-propylamine
Concen: 43.302 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

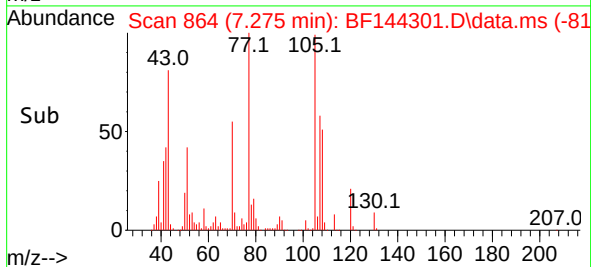
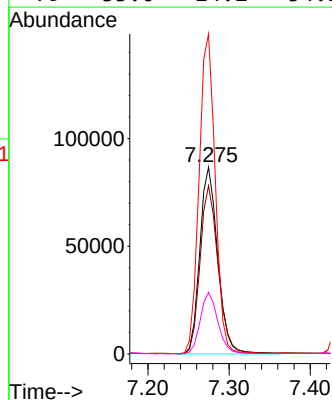
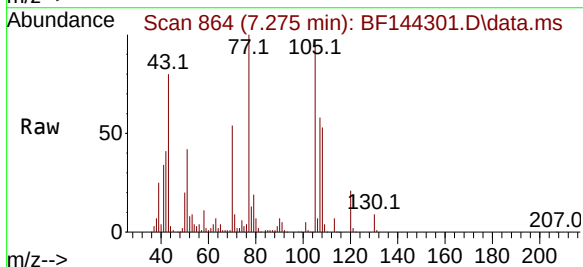
Instrument :
BNA_F
ClientSampleId :

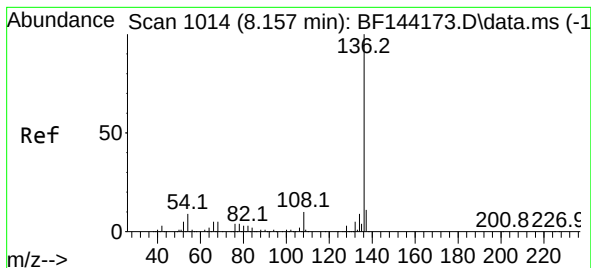
Tgt Ion:	70	Resp:	107462
Ion	Ratio	Lower	Upper
70	100		
42	77.0	58.3	87.5
101	9.2	7.0	10.6
130	16.6	14.4	21.6



#20
3+4-Methylphenols
Concen: 43.604 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

Tgt Ion:	107	Resp:	133419
Ion	Ratio	Lower	Upper
107	100		
108	90.0	70.2	110.2
77	171.3	123.9	163.9#
79	33.0	14.2	54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF144301.D

Acq: 20 Nov 2025 18:27

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:136 Resp: 181867

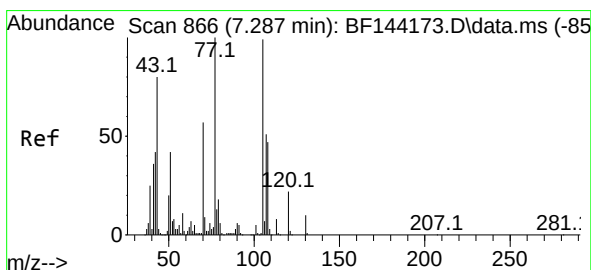
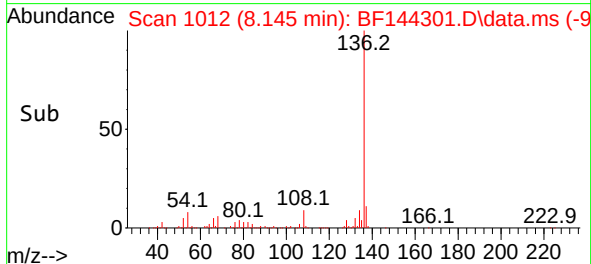
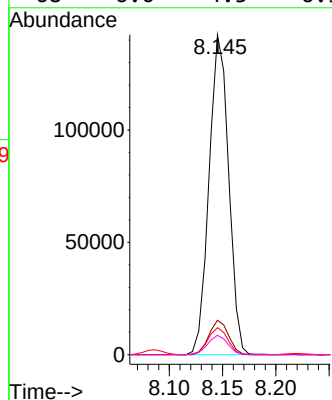
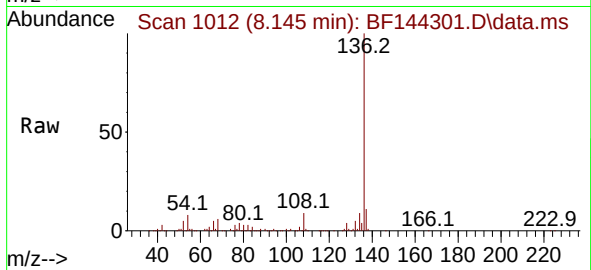
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 8.5 7.0 10.6

68 6.0 4.3 6.5



#22

Acetophenone

Concen: 49.985 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.006 min

Lab File: BF144301.D

Acq: 20 Nov 2025 18:27

Tgt Ion:105 Resp: 195015

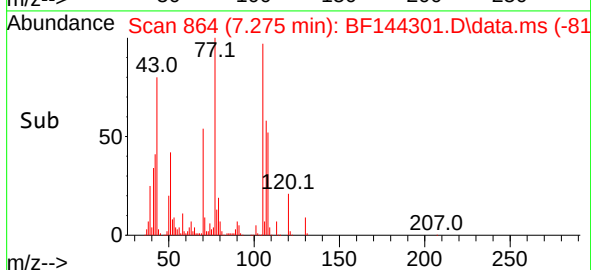
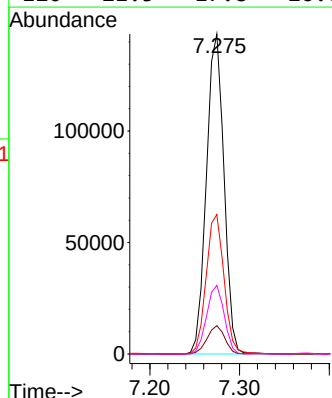
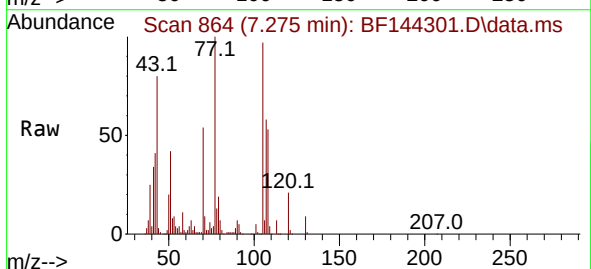
Ion Ratio Lower Upper

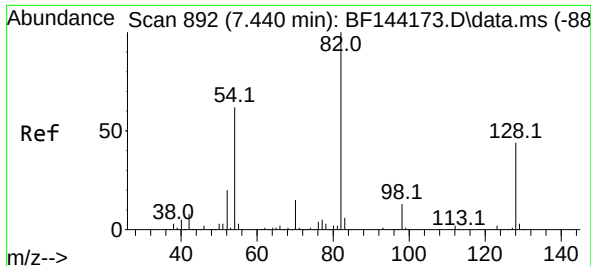
105 100

71 8.8 7.2 10.8

51 43.6 34.0 51.0

120 21.5 17.8 26.6





#23

Nitrobenzene-d5

Concen: 75.455 ng

RT: 7.428 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF144301.D

Acq: 20 Nov 2025 18:27

Instrument :

BNA_F

ClientSampleId :

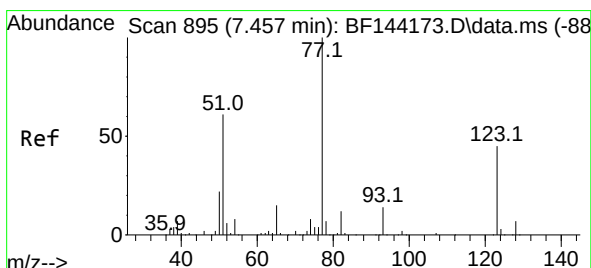
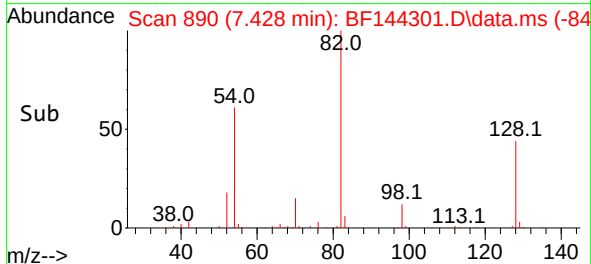
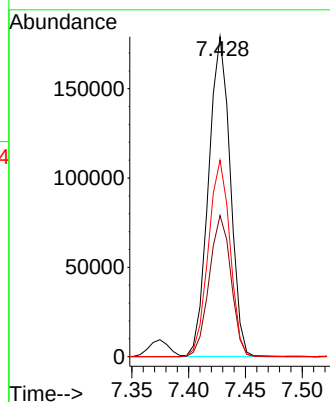
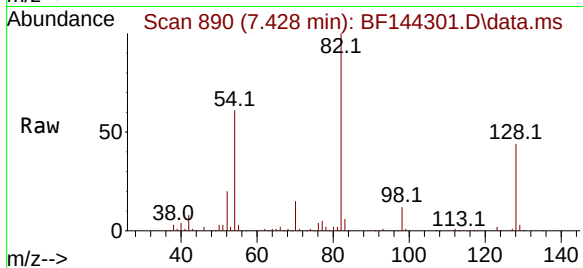
Tgt Ion: 82 Resp: 237604

Ion Ratio Lower Upper

82 100

128 44.1 34.7 52.1

54 61.4 49.5 74.3



#24

Nitrobenzene

Concen: 47.518 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.006 min

Lab File: BF144301.D

Acq: 20 Nov 2025 18:27

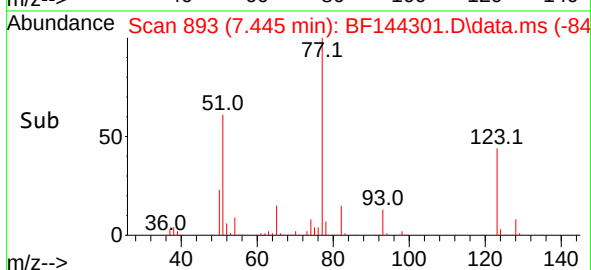
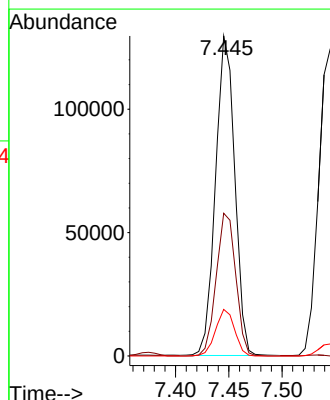
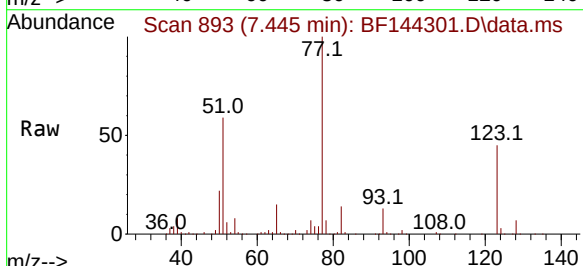
Tgt Ion: 77 Resp: 162464

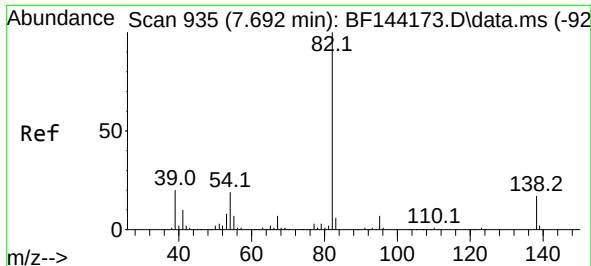
Ion Ratio Lower Upper

77 100

123 44.6 35.8 53.8

65 14.5 12.2 18.2

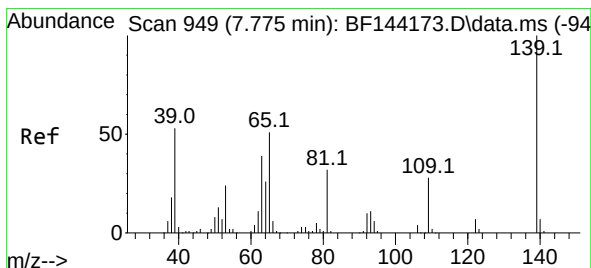
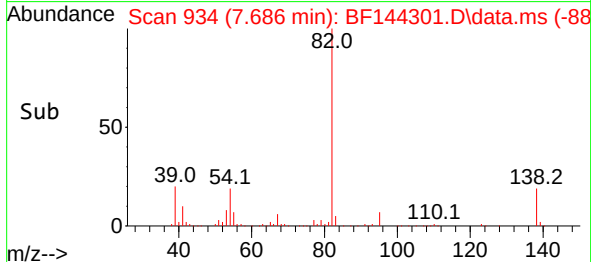
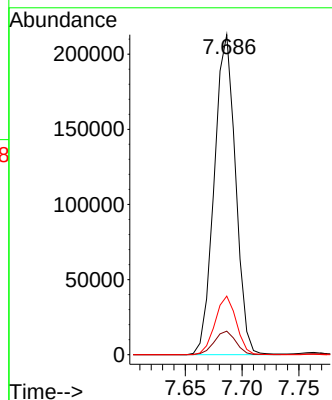
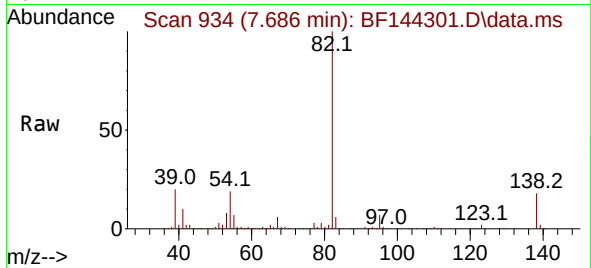




#25
Isophorone
Concen: 46.707 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

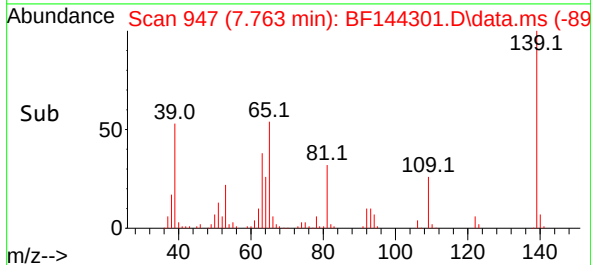
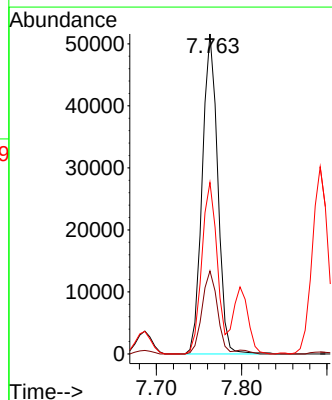
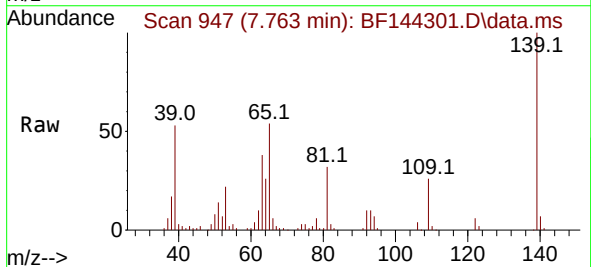
Instrument :
BNA_F
ClientSampleId :

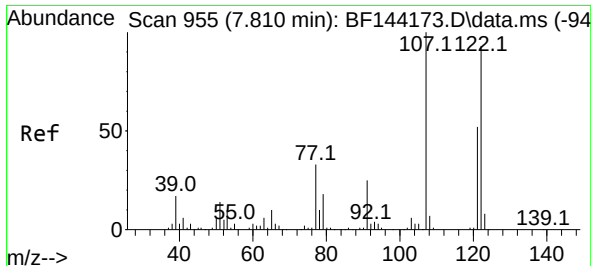
Tgt Ion: 82 Resp: 278202
Ion Ratio Lower Upper
82 100
95 7.4 5.5 8.3
138 18.3 13.7 20.5



#26
2-Nitrophenol
Concen: 38.452 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.012 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

Tgt Ion:139 Resp: 65079
Ion Ratio Lower Upper
139 100
109 26.0 22.2 33.2
65 53.6 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 50.407 ng

RT: 7.798 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF144301.D

Acq: 20 Nov 2025 18:27

Instrument :

BNA_F

ClientSampleId :

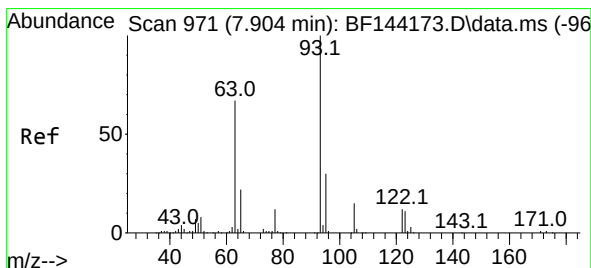
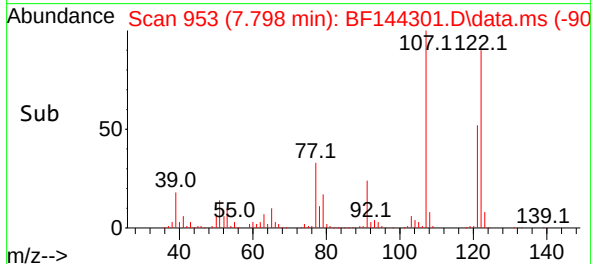
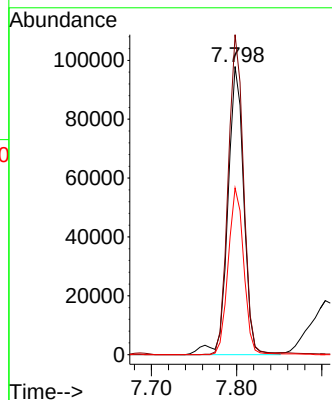
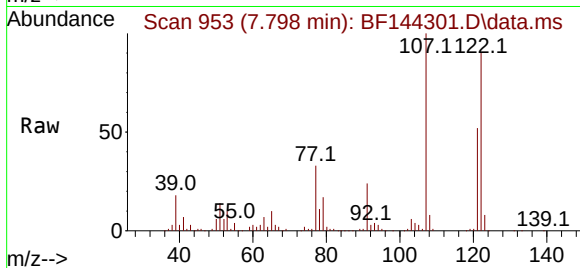
Tgt Ion:122 Resp: 127869

Ion Ratio Lower Upper

122 100

107 111.0 86.2 129.4

121 57.8 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 47.858 ng

RT: 7.892 min Scan# 969

Delta R.T. -0.006 min

Lab File: BF144301.D

Acq: 20 Nov 2025 18:27

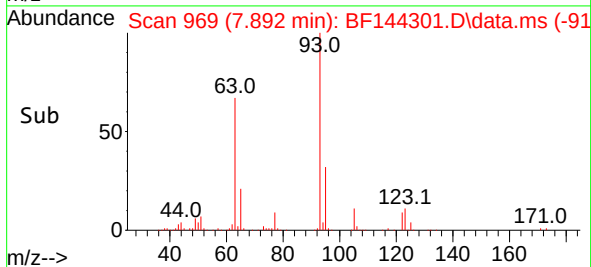
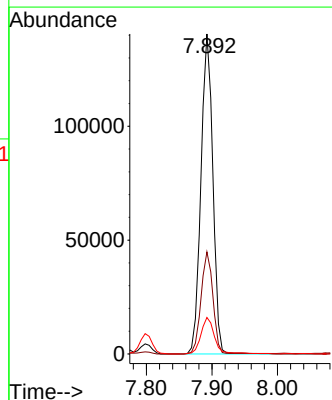
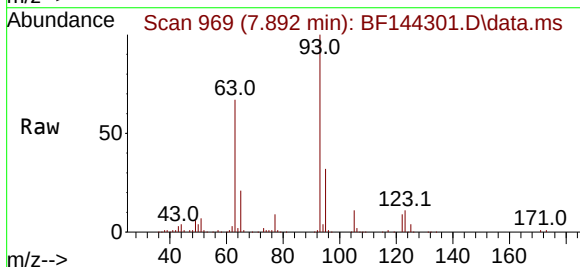
Tgt Ion: 93 Resp: 178006

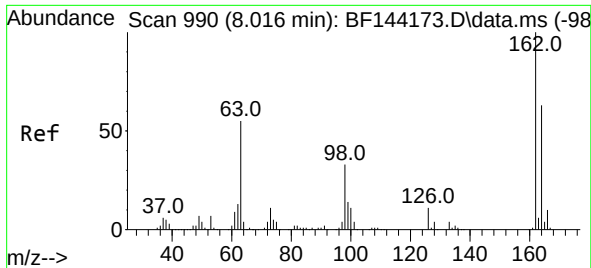
Ion Ratio Lower Upper

93 100

95 31.9 24.2 36.4

123 11.4 9.0 13.4

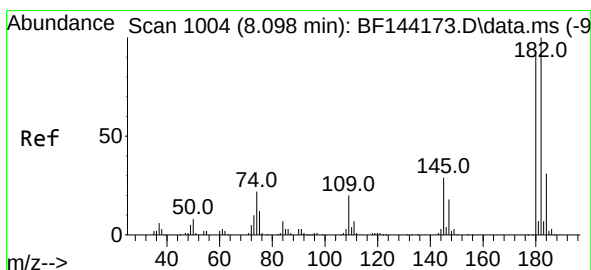
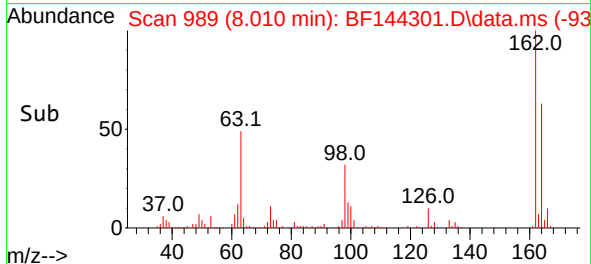
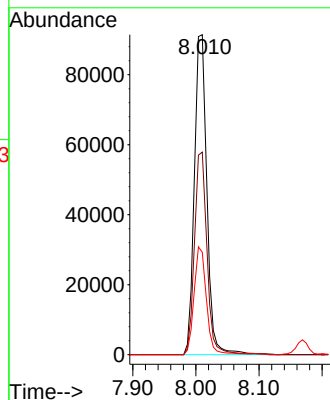
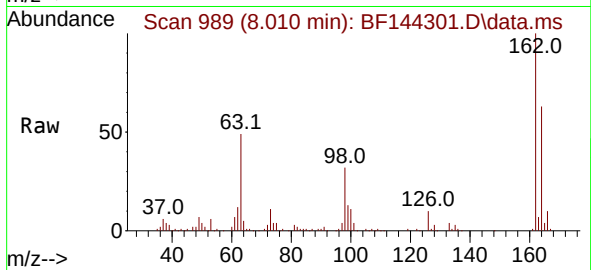




#29
2,4-Dichlorophenol
Concen: 43.124 ng
RT: 8.010 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

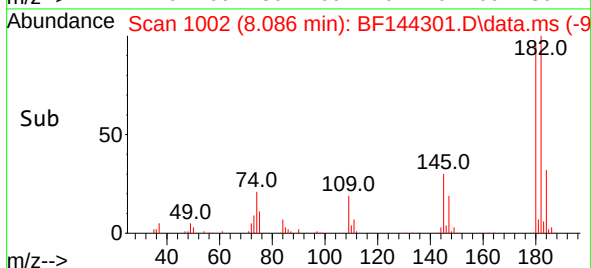
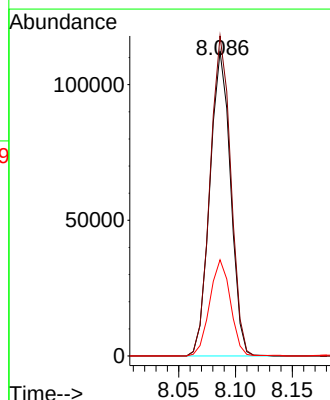
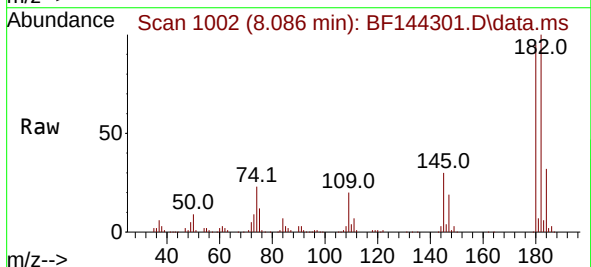
Instrument :
BNA_F
ClientSampleId :

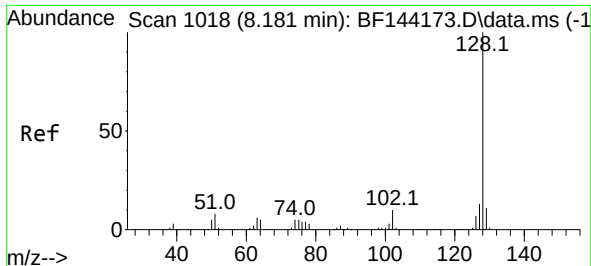
Tgt Ion:162 Resp: 126085
Ion Ratio Lower Upper
162 100
164 63.3 42.9 82.9
98 32.0 13.3 53.3



#30
1,2,4-Trichlorobenzene
Concen: 47.360 ng
RT: 8.086 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

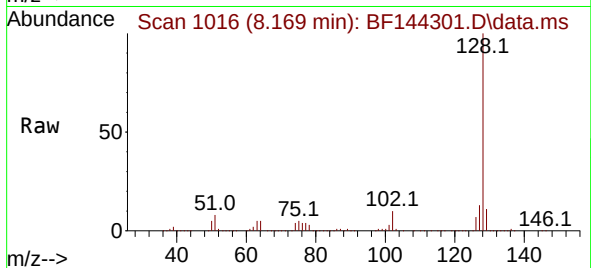
Tgt Ion:180 Resp: 142186
Ion Ratio Lower Upper
180 100
182 105.0 87.7 131.5
145 31.6 25.4 38.0



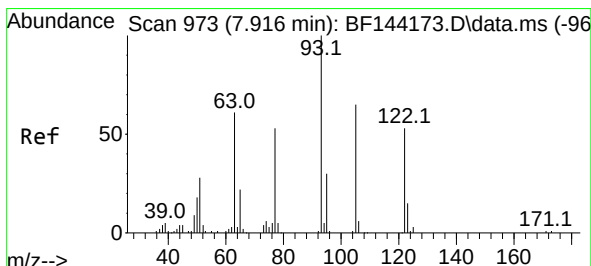
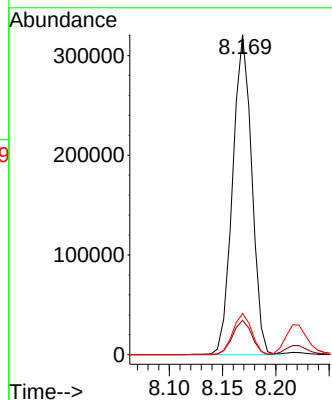
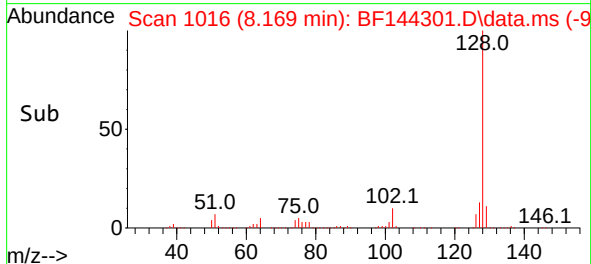


#31
Naphthalene
Concen: 46.429 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

Instrument :
BNA_F
ClientSampleId :

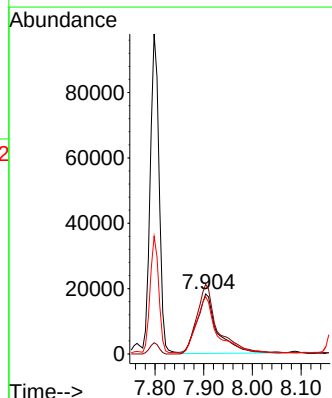
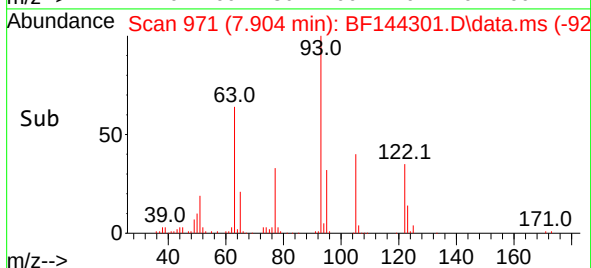
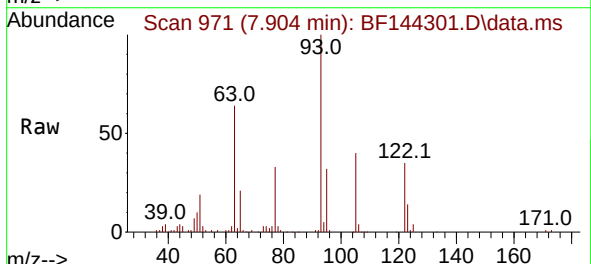


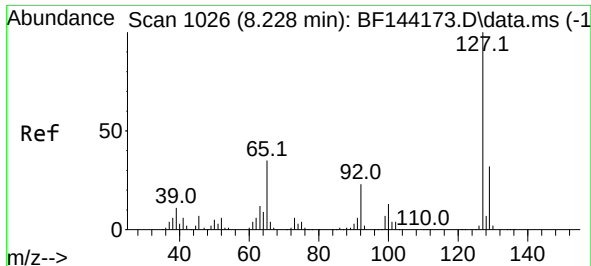
Tgt Ion:128 Resp: 401668
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 12.8 10.3 15.5



#32
Benzoic acid
Concen: 28.745 ng
RT: 7.904 min Scan# 971
Delta R.T. -0.047 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

Tgt Ion:122 Resp: 53450
Ion Ratio Lower Upper
122 100
105 116.3 99.9 139.9
77 95.3 77.5 117.5

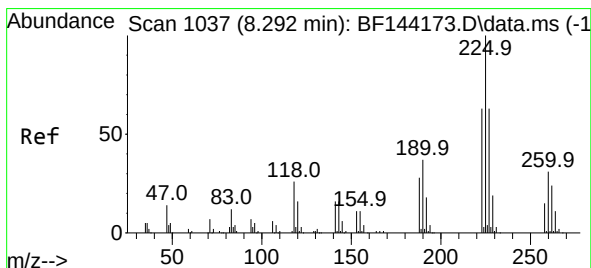
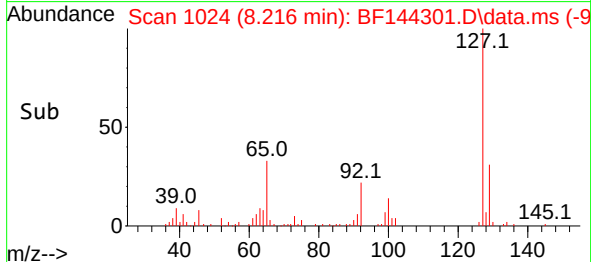
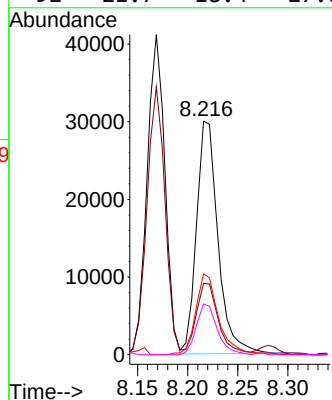
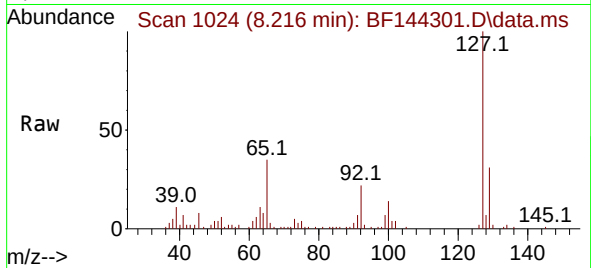




#33
4-Chloroaniline
Concen: 14.187 ng
RT: 8.216 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

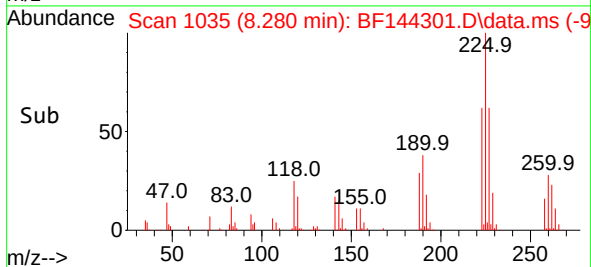
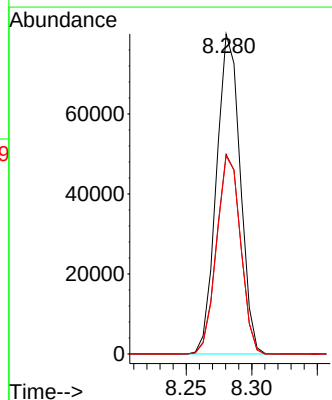
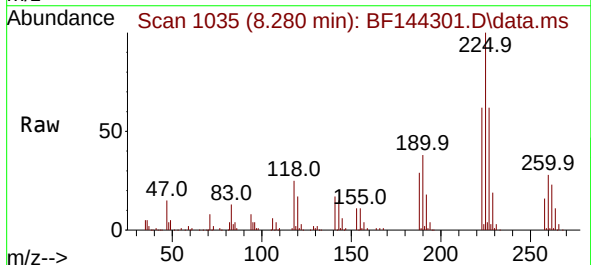
Instrument :
BNA_F
ClientSampleId :

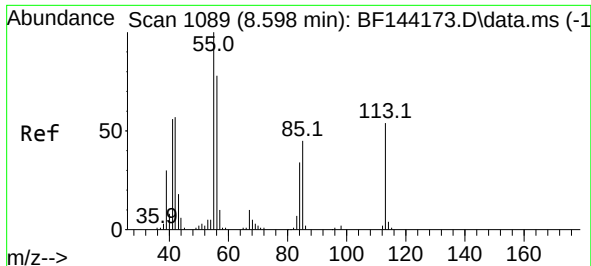
Tgt Ion:127	Resp:	44763
Ion Ratio	Lower	Upper
127	100	
129	30.6	25.3 37.9
65	34.6	27.6 41.4
92	21.7	18.4 27.6



#34
Hexachlorobutadiene
Concen: 44.373 ng
RT: 8.280 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

Tgt Ion:225	Resp:	100400
Ion Ratio	Lower	Upper
225	100	
223	62.4	50.2 75.4
227	61.9	50.1 75.1

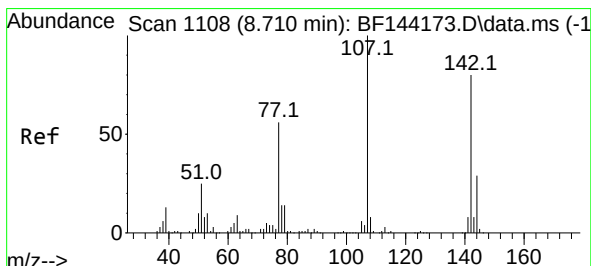
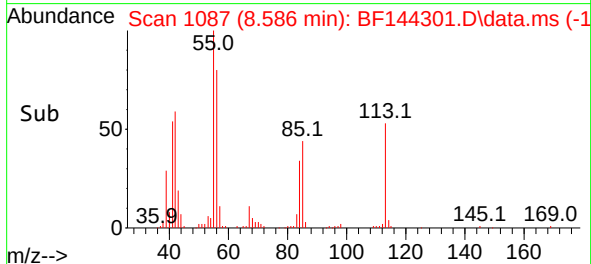
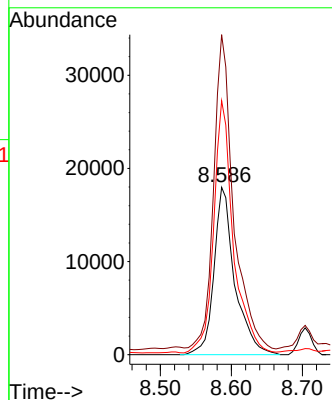
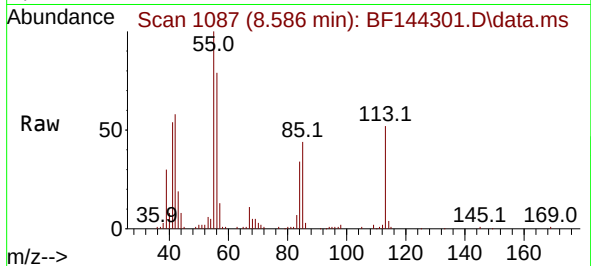




#35
 Caprolactam
 Concen: 45.554 ng
 RT: 8.586 min Scan# 1107
 Delta R.T. -0.035 min
 Lab File: BF144301.D
 Acq: 20 Nov 2025 18:27

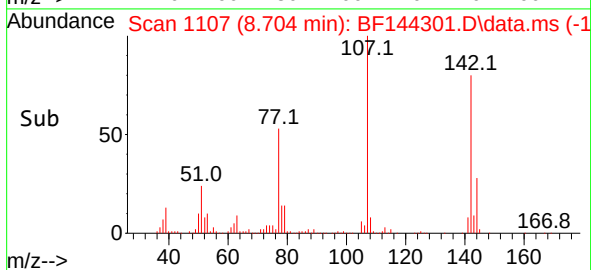
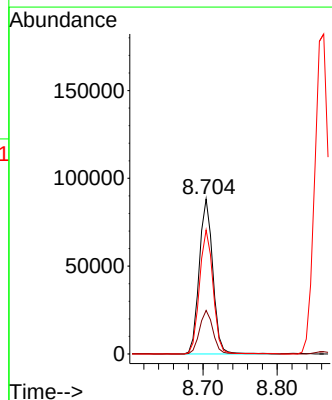
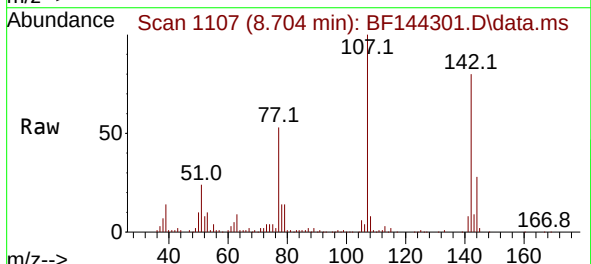
Instrument :
 BNA_F
 ClientSampleId :

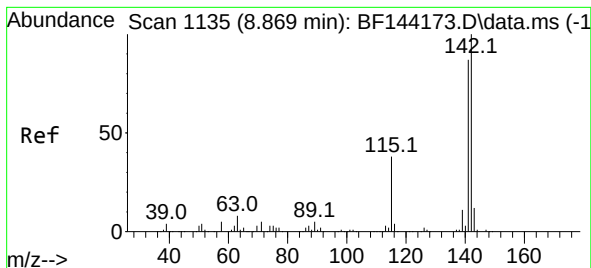
Tgt Ion:113 Resp: 36490
 Ion Ratio Lower Upper
 113 100
 55 191.1 166.8 206.8
 56 151.7 125.9 165.9



#36
 4-Chloro-3-methylphenol
 Concen: 43.014 ng
 RT: 8.704 min Scan# 1107
 Delta R.T. -0.000 min
 Lab File: BF144301.D
 Acq: 20 Nov 2025 18:27

Tgt Ion:107 Resp: 112710
 Ion Ratio Lower Upper
 107 100
 144 28.0 23.3 34.9
 142 80.0 63.8 95.6





#37

2-Methylnaphthalene

Concen: 41.240 ng

RT: 8.863 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BF144301.D

Acq: 20 Nov 2025 18:27

Instrument :

BNA_F

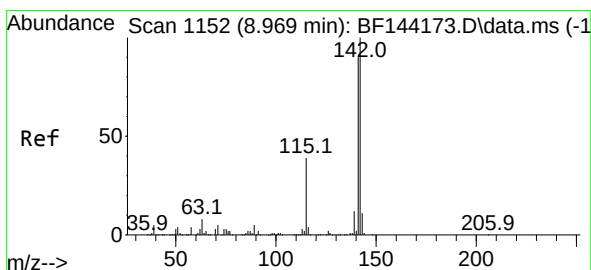
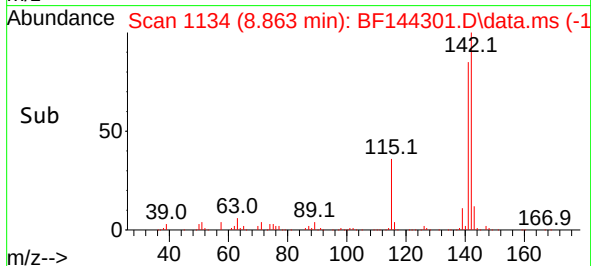
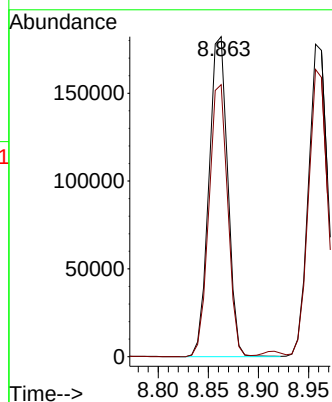
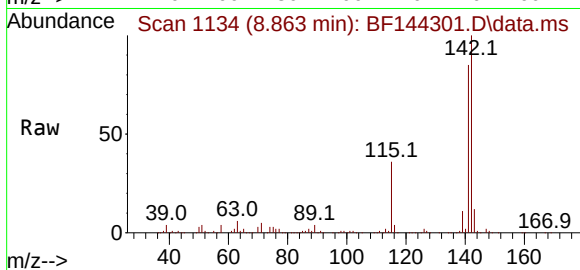
ClientSampleId :

Tgt Ion:142 Resp: 238539

Ion Ratio Lower Upper

142 100

141 85.0 69.9 104.9



#38

1-Methylnaphthalene

Concen: 41.848 ng

RT: 8.957 min Scan# 1150

Delta R.T. -0.012 min

Lab File: BF144301.D

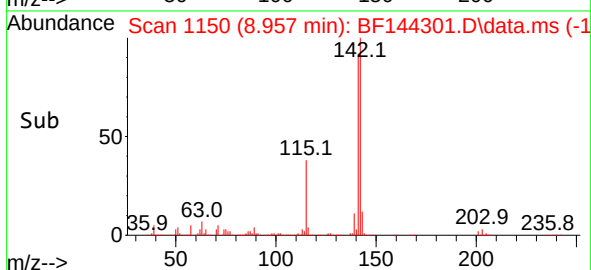
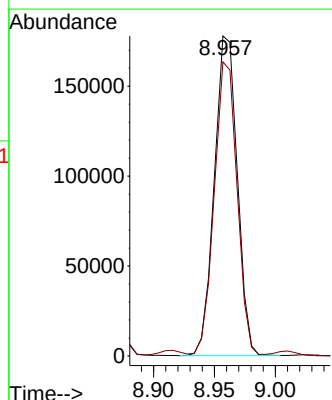
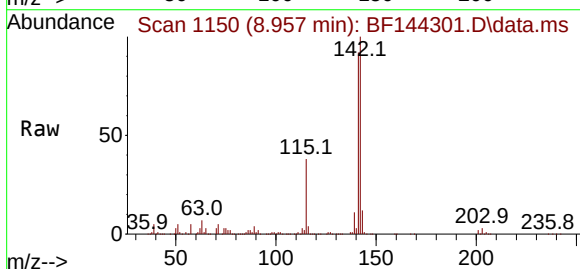
Acq: 20 Nov 2025 18:27

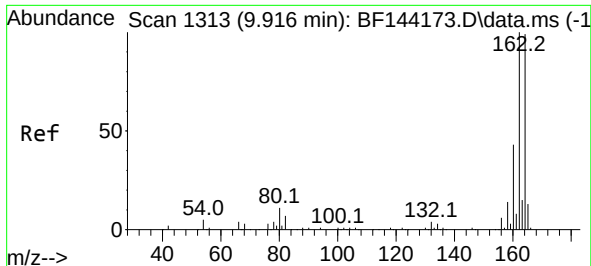
Tgt Ion:142 Resp: 233556

Ion Ratio Lower Upper

142 100

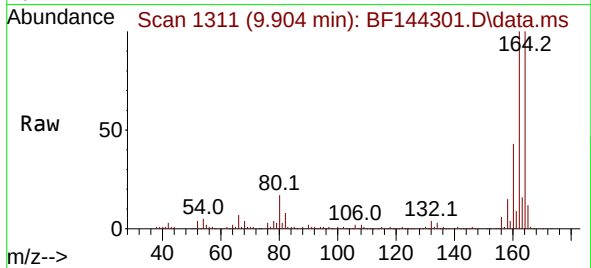
141 91.9 72.1 108.1



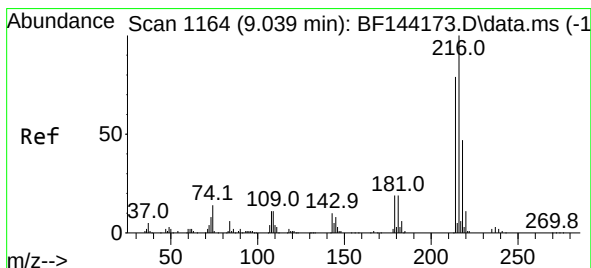
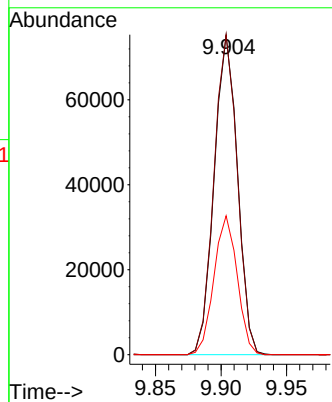
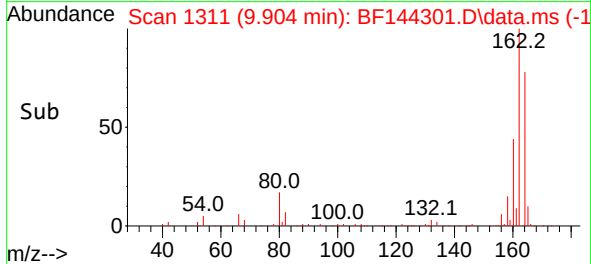


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

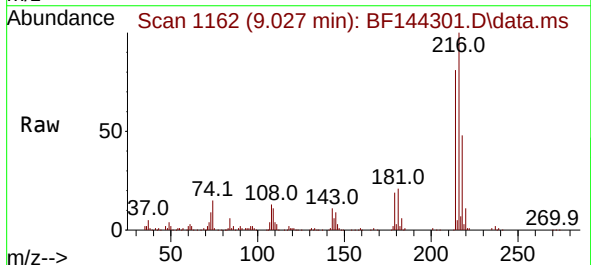
Instrument :
BNA_F
ClientSampleId :



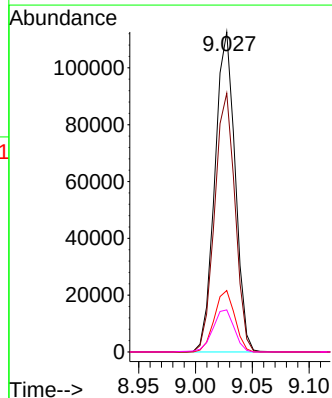
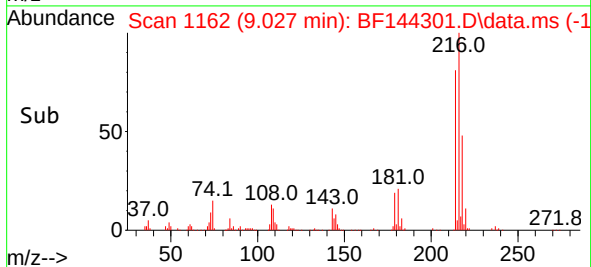
Tgt Ion:164 Resp: 92824
Ion Ratio Lower Upper
164 100
162 100.3 81.1 121.7
160 43.5 34.5 51.7

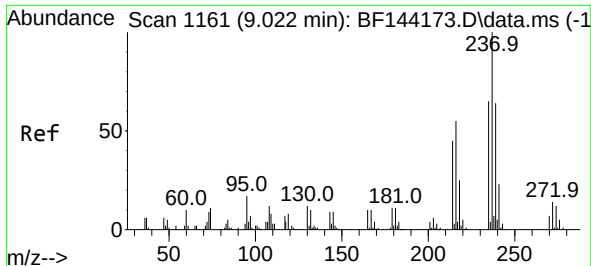


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.011 ng
RT: 9.027 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27



Tgt Ion:216 Resp: 139973
Ion Ratio Lower Upper
216 100
214 81.0 63.4 95.2
179 19.4 15.0 22.4
108 14.0 10.5 15.7

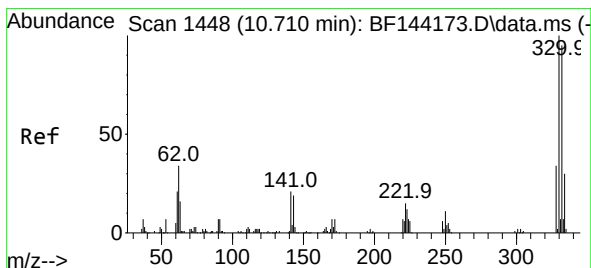
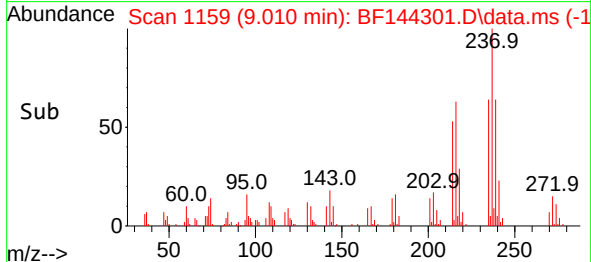
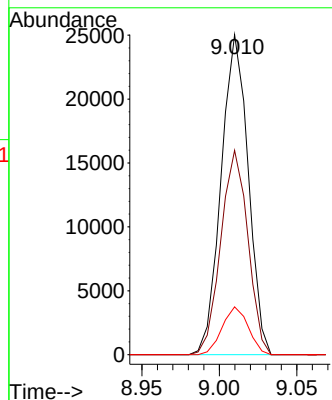
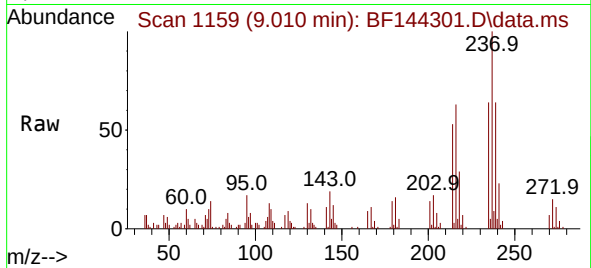




#41
Hexachlorocyclopentadiene
Concen: 34.359 ng
RT: 9.010 min Scan# 1161
Delta R.T. -0.018 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

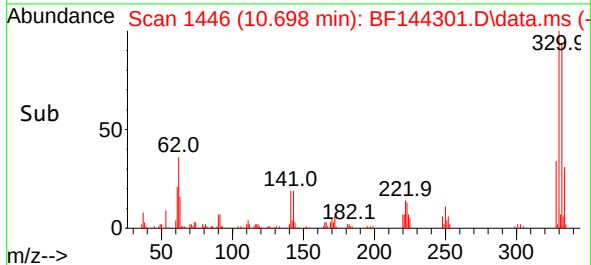
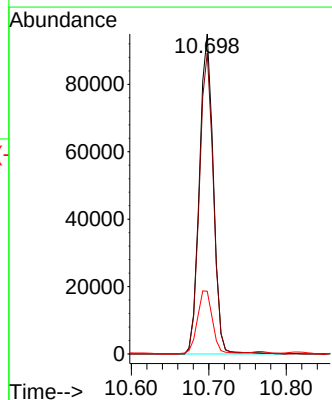
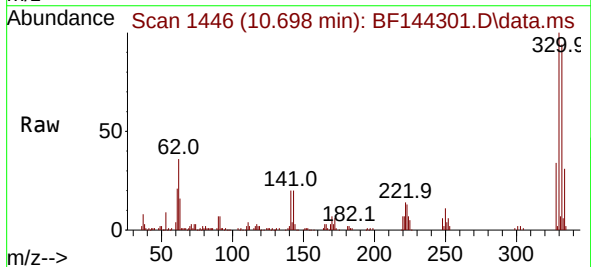
Instrument :
BNA_F
ClientSampleId :

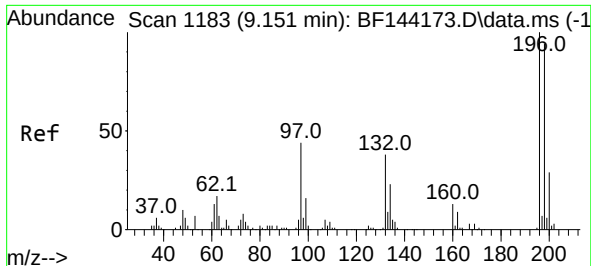
Tgt Ion:237 Resp: 30358
Ion Ratio Lower Upper
237 100
235 63.8 45.5 85.5
272 14.9 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 101.447 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

Tgt Ion:330 Resp: 118169
Ion Ratio Lower Upper
330 100
332 94.8 76.7 115.1
141 21.6 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 44.814 ng

RT: 9.139 min Scan# 1181

Delta R.T. -0.012 min

Lab File: BF144301.D

Acq: 20 Nov 2025 18:27

Instrument :

BNA_F

ClientSampleId :

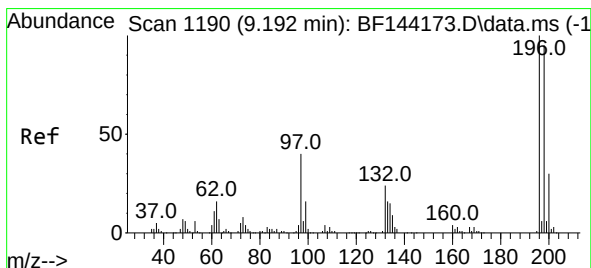
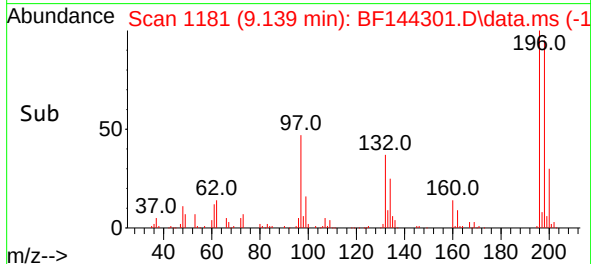
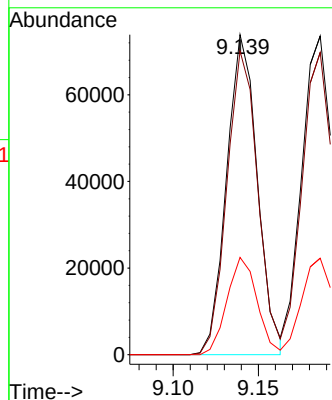
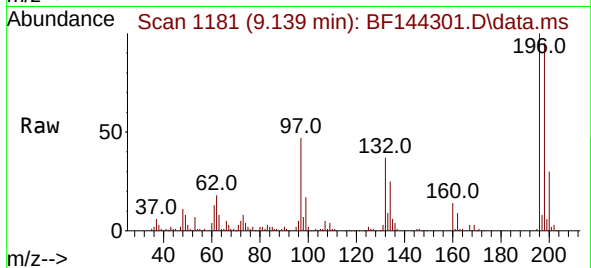
Tgt Ion:196 Resp: 92790

Ion Ratio Lower Upper

196 100

198 94.9 75.3 112.9

200 30.4 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 43.892 ng

RT: 9.186 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF144301.D

Acq: 20 Nov 2025 18:27

Tgt Ion:196 Resp: 97949

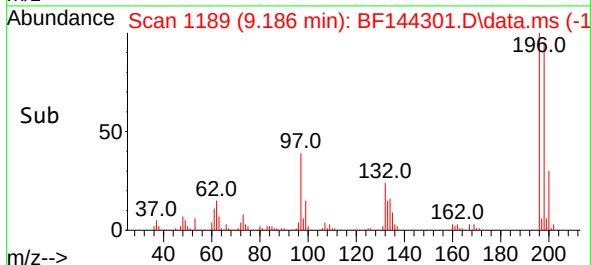
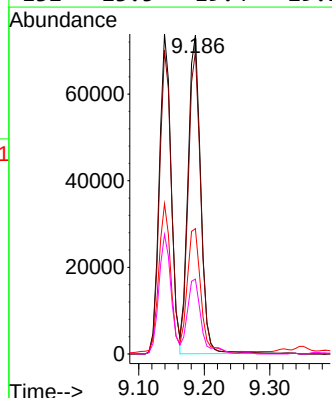
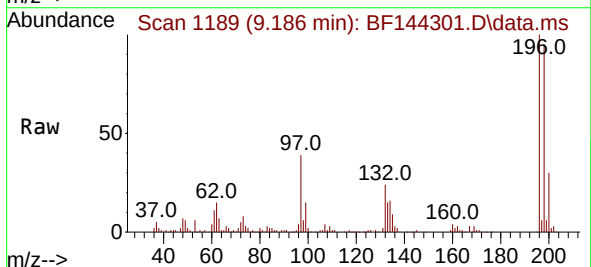
Ion Ratio Lower Upper

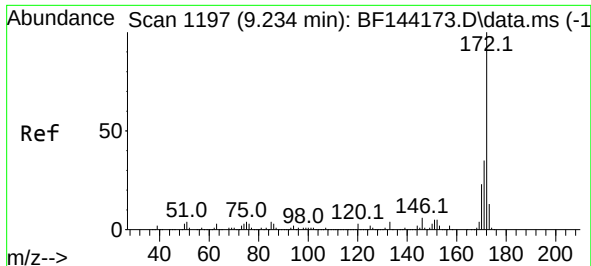
196 100

198 94.8 76.1 114.1

97 39.3 31.9 47.9

132 23.5 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 68.350 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF144301.D

Acq: 20 Nov 2025 18:27

Instrument :

BNA_F

ClientSampleId :

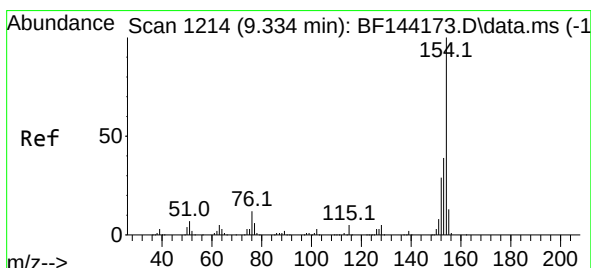
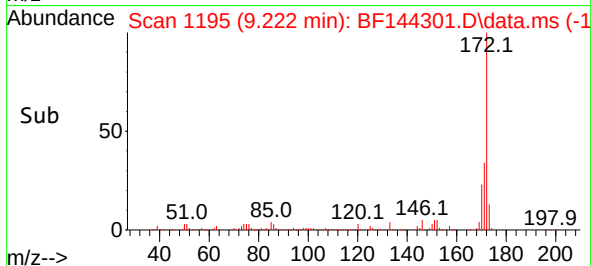
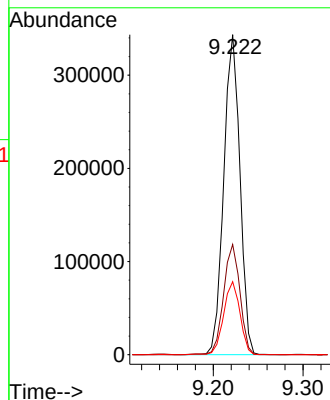
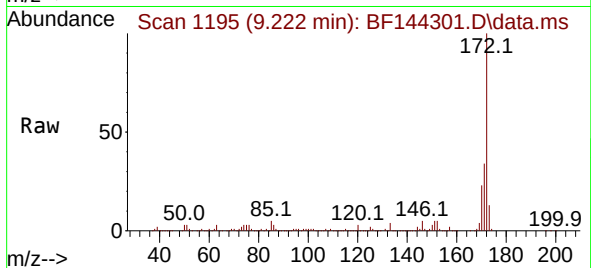
Tgt Ion:172 Resp: 429575

Ion Ratio Lower Upper

172 100

171 34.4 28.1 42.1

170 22.8 18.6 28.0



#46

1,1'-Biphenyl

Concen: 47.271 ng

RT: 9.322 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF144301.D

Acq: 20 Nov 2025 18:27

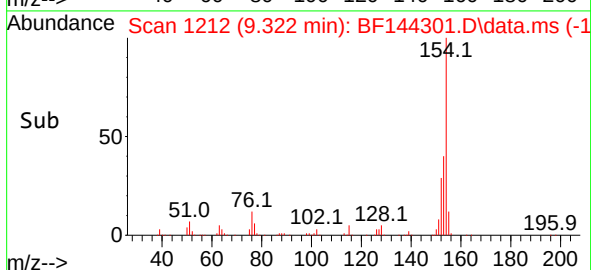
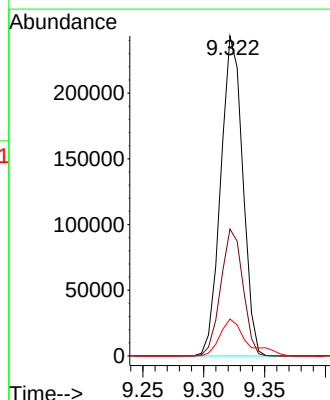
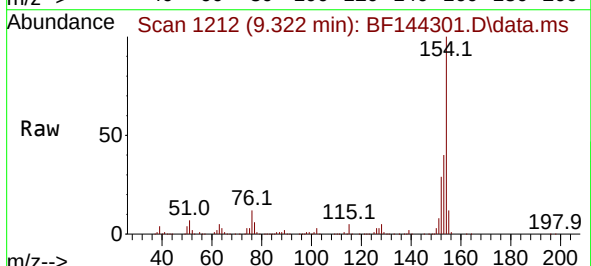
Tgt Ion:154 Resp: 306289

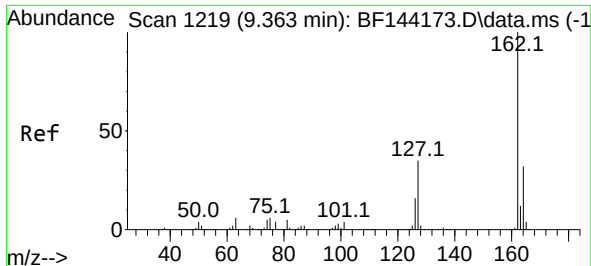
Ion Ratio Lower Upper

154 100

153 39.6 19.2 59.2

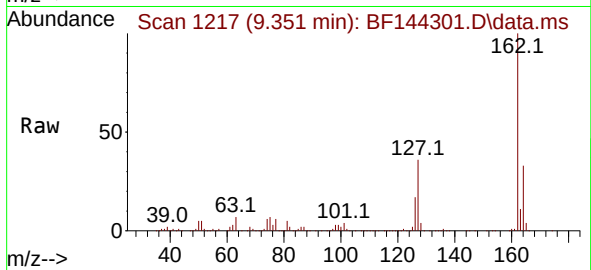
76 11.5 0.0 31.8



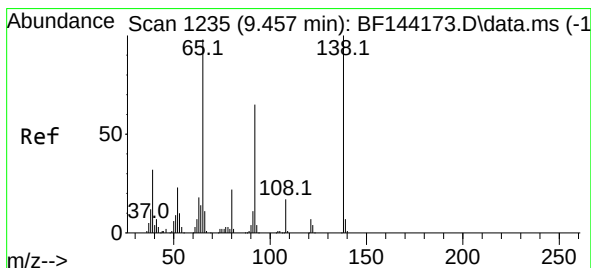
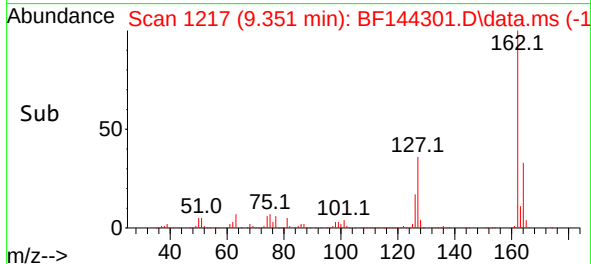
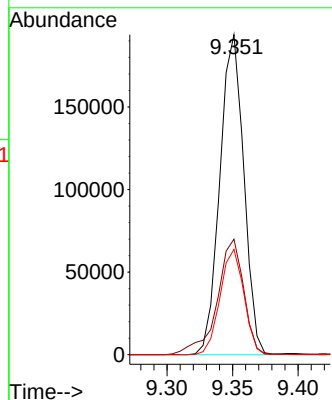


#47
2-Chloronaphthalene
Concen: 44.498 ng
RT: 9.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

Instrument :
BNA_F
ClientSampleId :

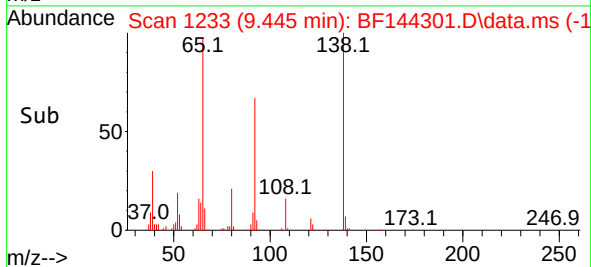
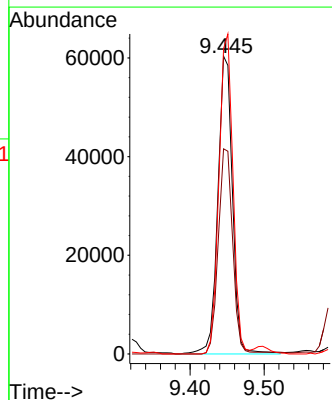
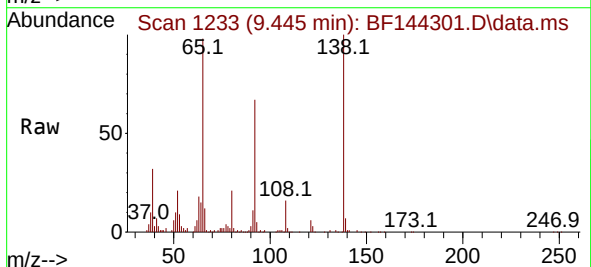


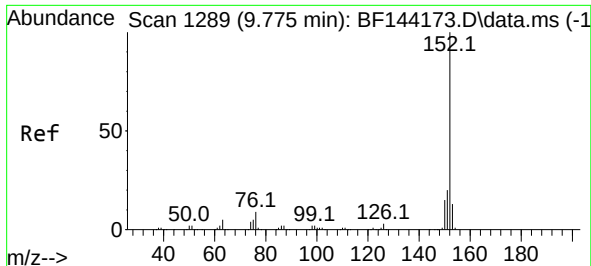
Tgt Ion:162 Resp: 245939
Ion Ratio Lower Upper
162 100
127 36.1 28.8 43.2
164 32.9 25.8 38.8



#48
2-Nitroaniline
Concen: 51.776 ng
RT: 9.445 min Scan# 1233
Delta R.T. -0.012 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

Tgt Ion: 65 Resp: 82568
Ion Ratio Lower Upper
65 100
92 68.9 53.0 79.6
138 102.5 81.6 122.4





#49

Acenaphthylene

Concen: 52.429 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144301.D

Acq: 20 Nov 2025 18:27

Instrument :

BNA_F

ClientSampleId :

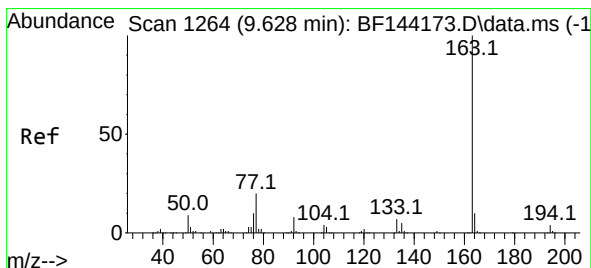
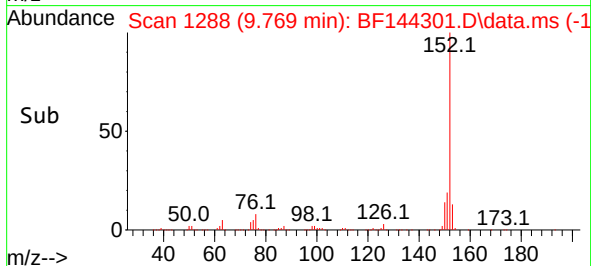
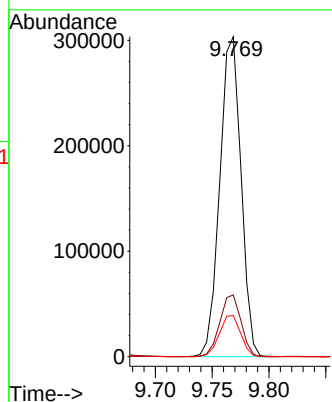
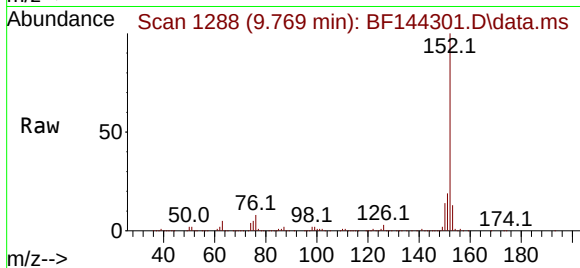
Tgt Ion:152 Resp: 394887

Ion Ratio Lower Upper

152 100

151 19.3 15.9 23.9

153 12.8 10.5 15.7



#50

Dimethylphthalate

Concen: 48.549 ng

RT: 9.622 min Scan# 1263

Delta R.T. -0.006 min

Lab File: BF144301.D

Acq: 20 Nov 2025 18:27

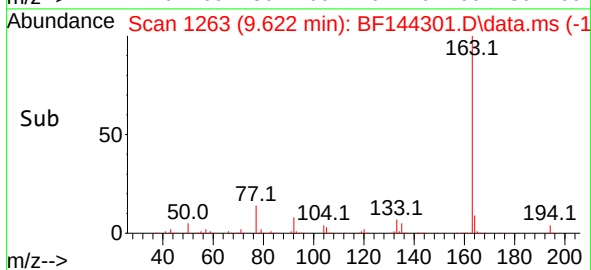
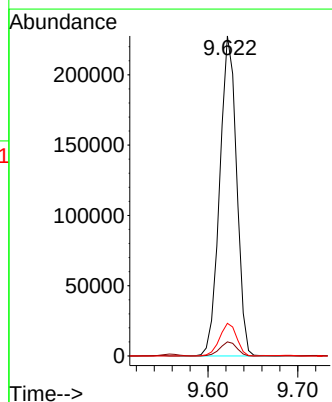
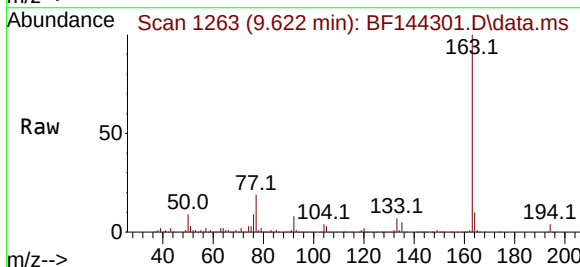
Tgt Ion:163 Resp: 298545

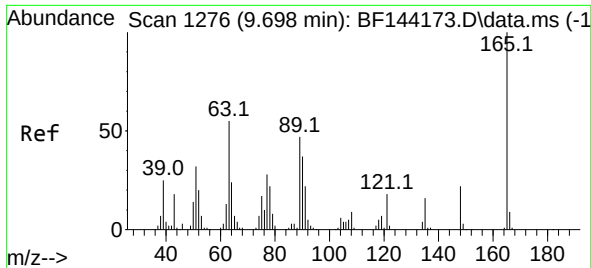
Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

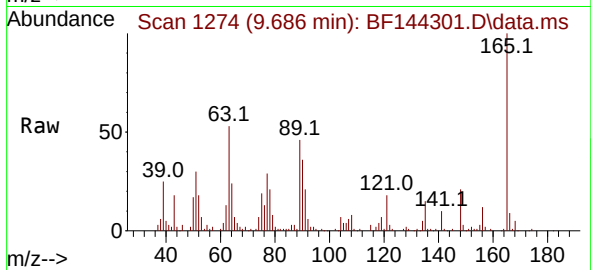
164 10.2 8.1 12.1



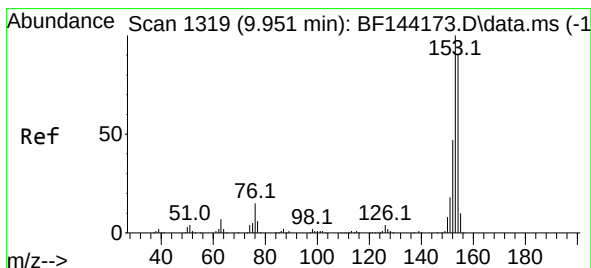
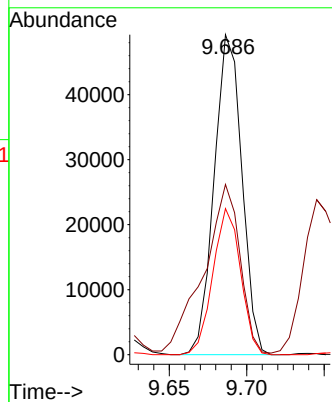
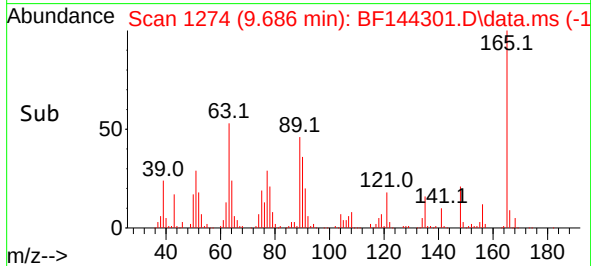


#51
2,6-Dinitrotoluene
Concen: 49.233 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

Instrument :
BNA_F
ClientSampleId :

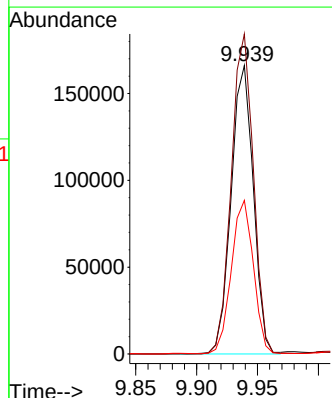
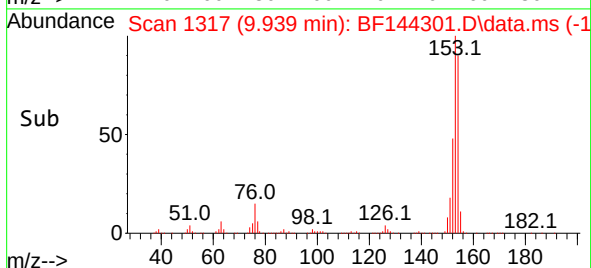
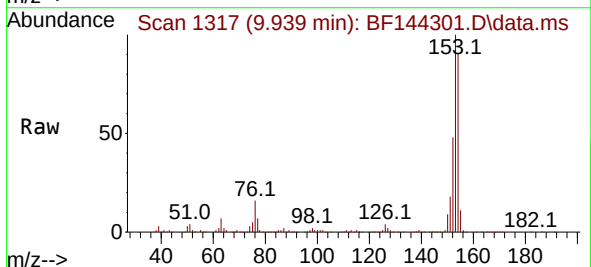


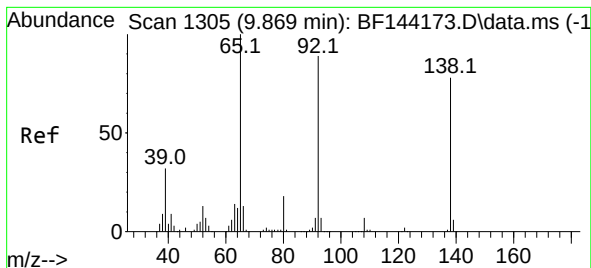
Tgt Ion:165 Resp: 61287
Ion Ratio Lower Upper
165 100
63 53.2 43.8 65.8
89 45.7 37.5 56.3



#52
Acenaphthene
Concen: 41.884 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

Tgt Ion:154 Resp: 210952
Ion Ratio Lower Upper
154 100
153 110.9 89.0 133.4
152 53.2 42.2 63.4





#53

3-Nitroaniline

Concen: 40.276 ng

RT: 9.857 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144301.D

Acq: 20 Nov 2025 18:27

Instrument :

BNA_F

ClientSampleId :

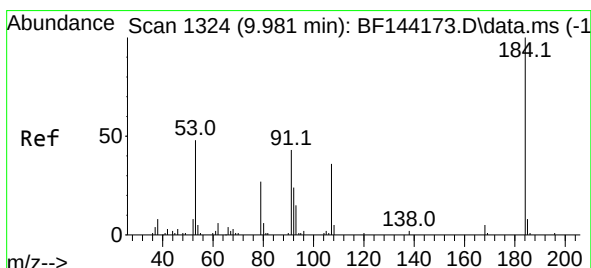
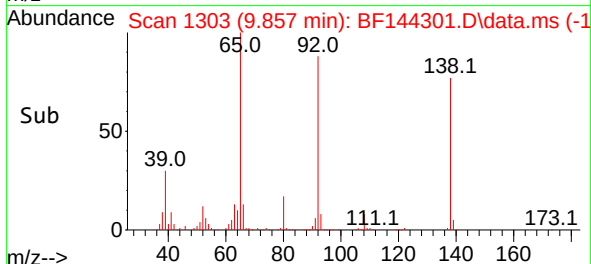
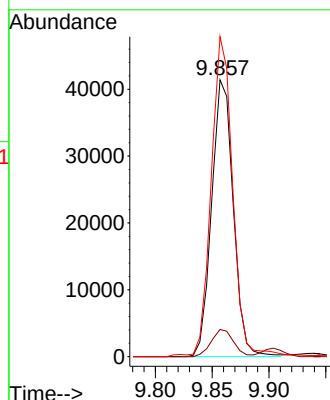
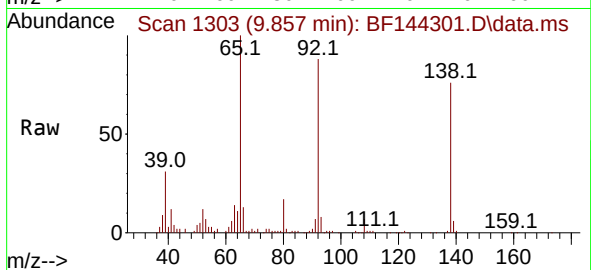
Tgt Ion:138 Resp: 54807

Ion Ratio Lower Upper

138 100

108 9.8 7.5 11.3

92 115.6 91.8 137.6



#54

2,4-Dinitrophenol

Concen: 5.477 ng

RT: 9.980 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF144301.D

Acq: 20 Nov 2025 18:27

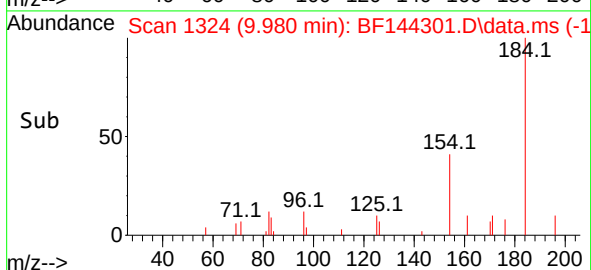
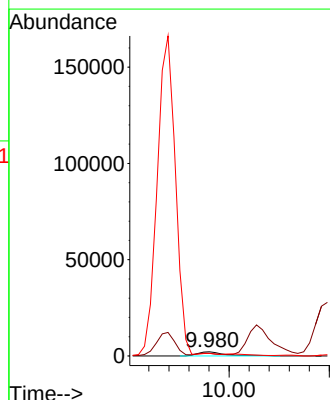
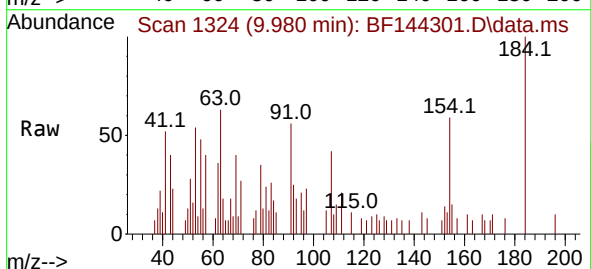
Tgt Ion:184 Resp: 4117

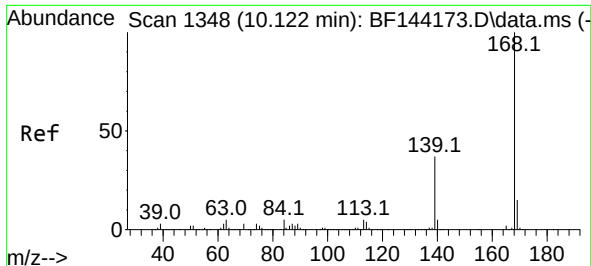
Ion Ratio Lower Upper

184 100

63 62.5 44.0 66.0

154 59.3 42.4 63.6

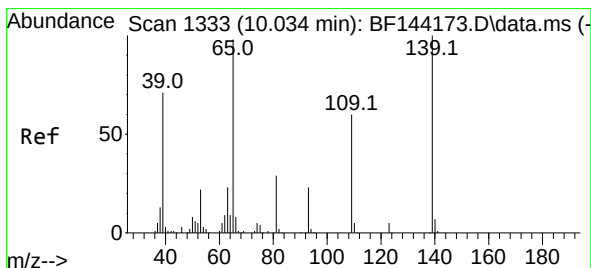
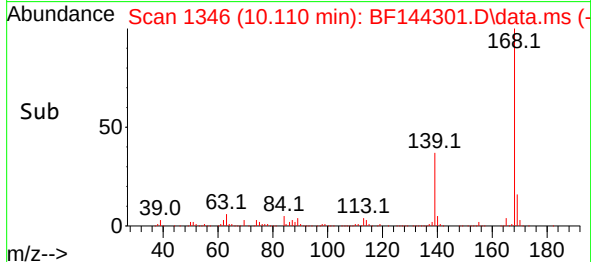
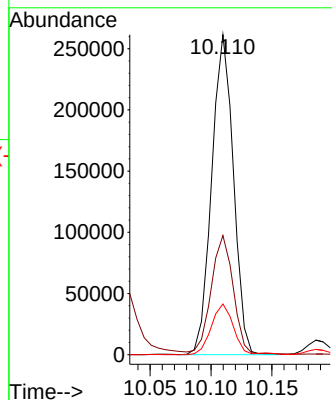
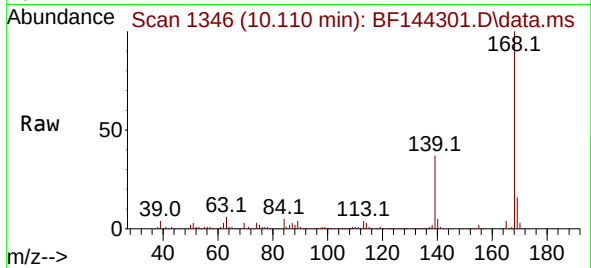




#55
Dibenzenofuran
Concen: 45.983 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

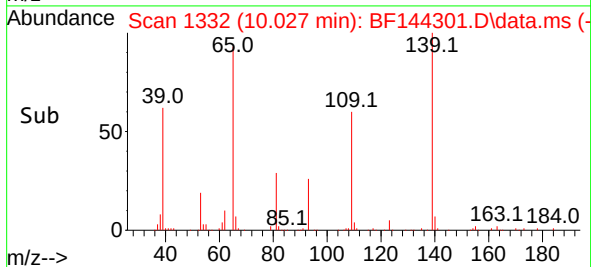
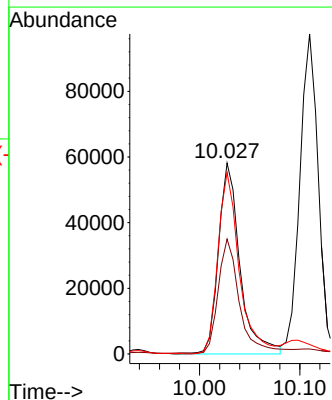
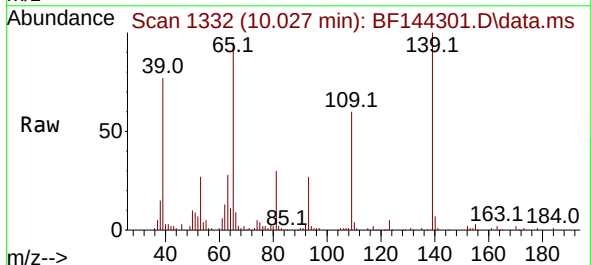
Instrument :
BNA_F
ClientSampleId :

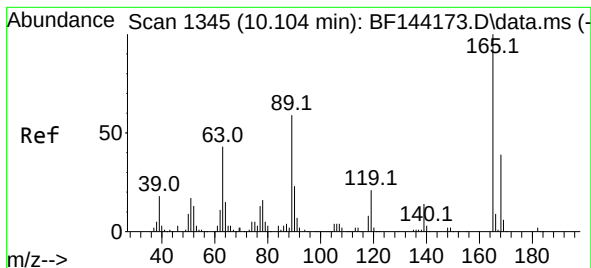
Tgt Ion:168 Resp: 324366
Ion Ratio Lower Upper
168 100
139 37.3 30.2 45.2
169 15.8 12.2 18.4



#56
4-Nitrophenol
Concen: 87.889 ng
RT: 10.027 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

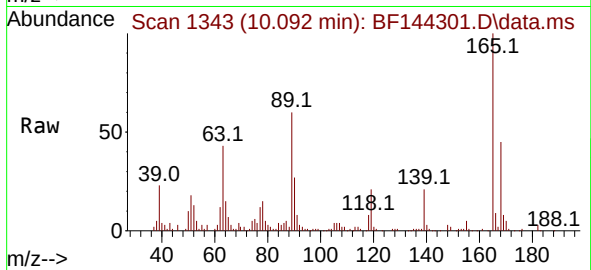
Tgt Ion:139 Resp: 86514
Ion Ratio Lower Upper
139 100
109 60.1 39.9 79.9
65 95.0 79.5 119.5



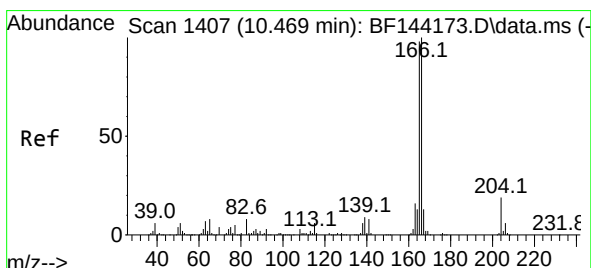
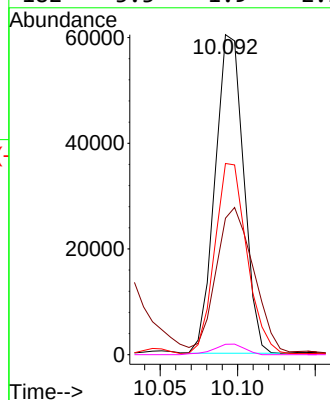
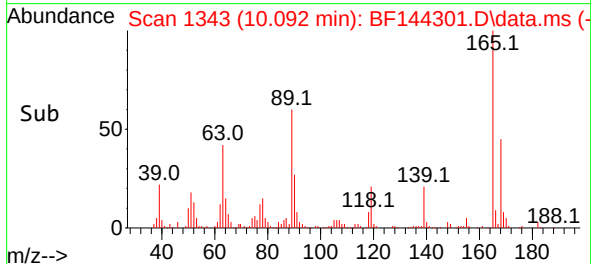


#57
2,4-Dinitrotoluene
Concen: 46.369 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

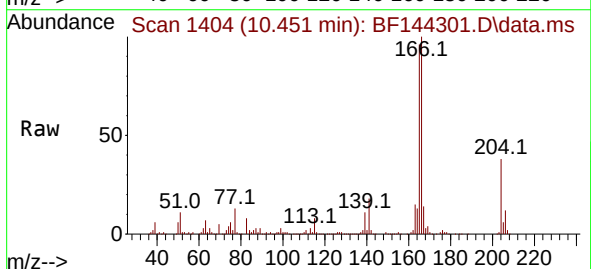
Instrument :
BNA_F
ClientSampleId :



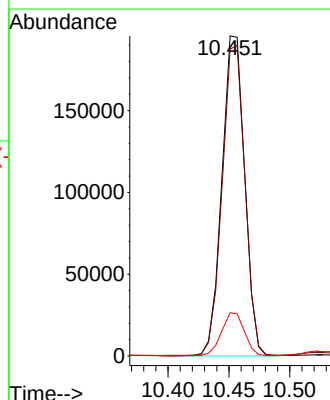
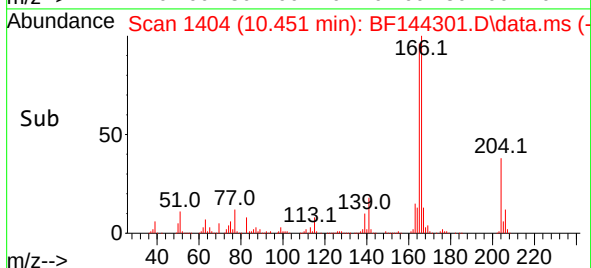
Tgt Ion:165 Resp: 77272
Ion Ratio Lower Upper
165 100
63 42.6 35.5 53.3
89 59.8 47.4 71.2
182 3.3 1.9 2.9#

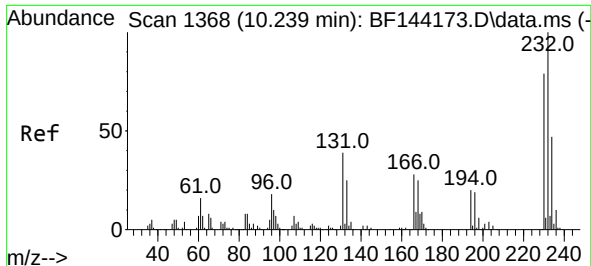


#58
Fluorene
Concen: 47.639 ng
RT: 10.451 min Scan# 1404
Delta R.T. -0.012 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27



Tgt Ion:166 Resp: 255497
Ion Ratio Lower Upper
166 100
165 95.9 78.6 118.0
167 13.5 10.4 15.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.750 ng

RT: 10.233 min Scan# 1367

Delta R.T. -0.006 min

Lab File: BF144301.D

Acq: 20 Nov 2025 18:27

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:232 Resp: 73811

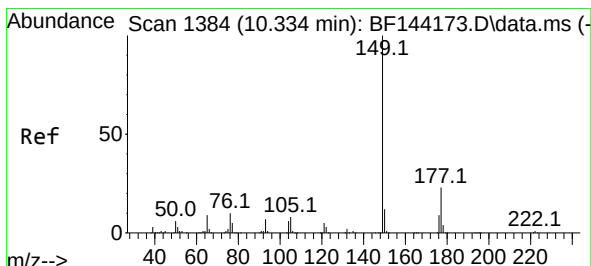
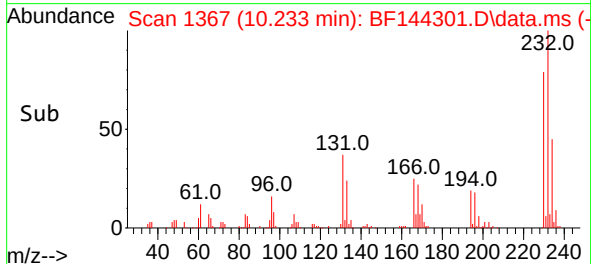
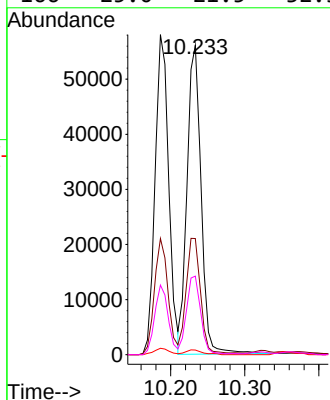
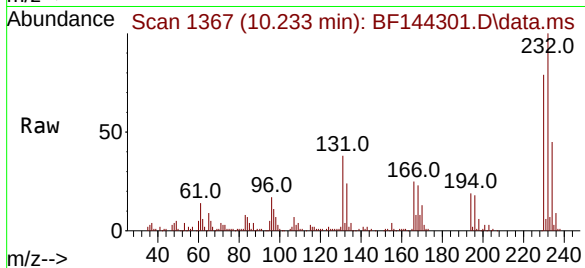
Ion Ratio Lower Upper

232 100

131 37.7 30.3 45.5

130 1.9 1.2 1.8#

166 25.0 21.5 32.3



#60

Diethylphthalate

Concen: 48.204 ng

RT: 10.322 min Scan# 1382

Delta R.T. -0.006 min

Lab File: BF144301.D

Acq: 20 Nov 2025 18:27

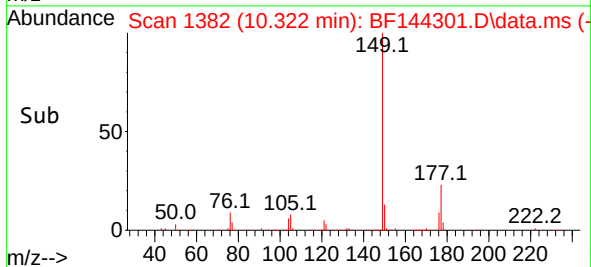
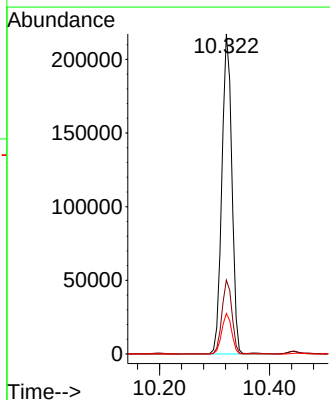
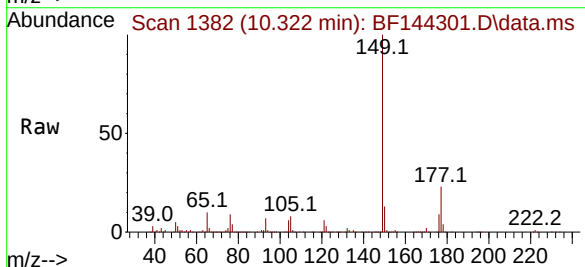
Tgt Ion:149 Resp: 273261

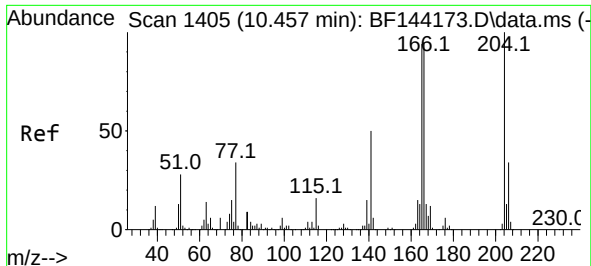
Ion Ratio Lower Upper

149 100

177 23.1 18.3 27.5

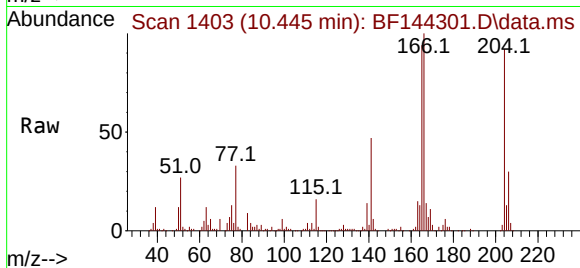
150 12.6 9.8 14.6



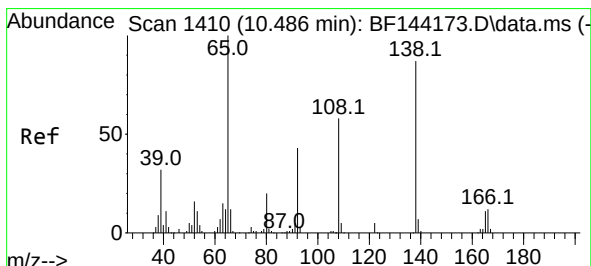
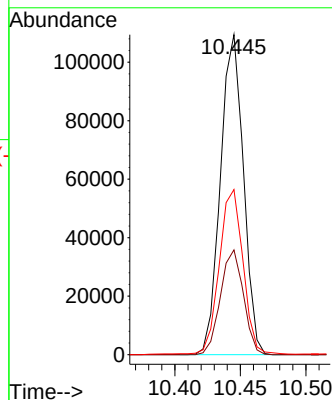
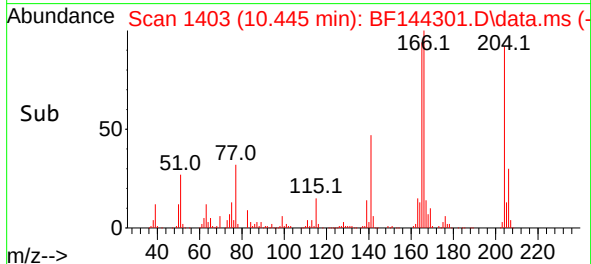


#61
4-Chlorophenyl-phenylether
Concen: 43.608 ng
RT: 10.445 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

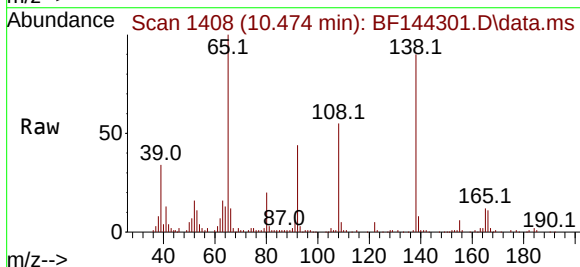
Instrument :
BNA_F
ClientSampleId :



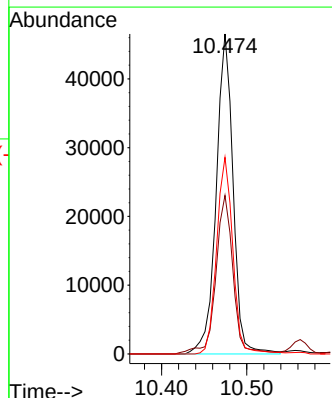
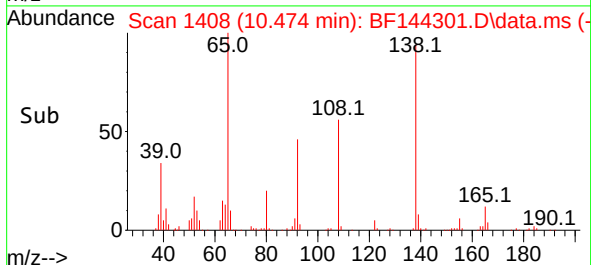
Tgt Ion:204 Resp: 133224
Ion Ratio Lower Upper
204 100
206 32.8 27.4 41.2
141 51.6 40.0 60.0

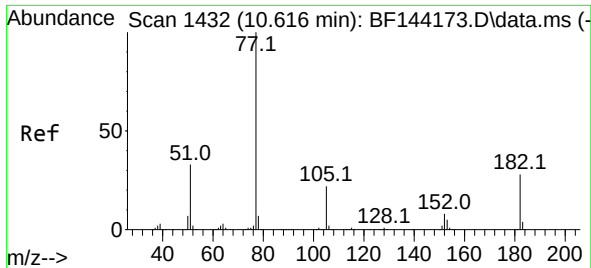


#62
4-Nitroaniline
Concen: 49.645 ng
RT: 10.474 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27



Tgt Ion:138 Resp: 64336
Ion Ratio Lower Upper
138 100
92 49.6 29.4 69.4
108 61.5 46.4 86.4



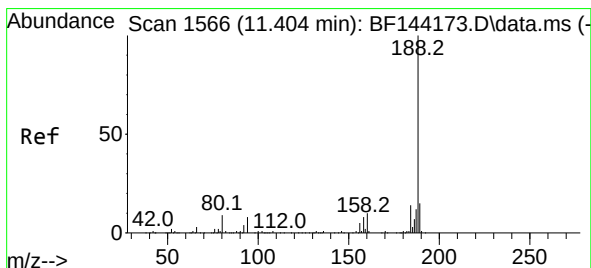
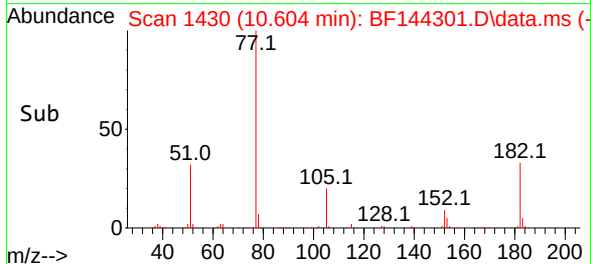
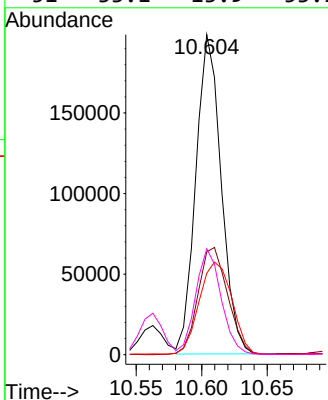
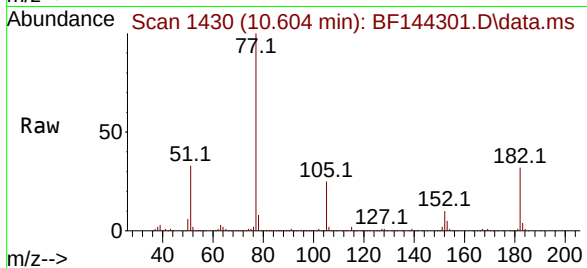


#63
 Azobenzene
 Concen: 50.565 ng
 RT: 10.604 min Scan# 1432
 Delta R.T. -0.012 min
 Lab File: BF144301.D
 Acq: 20 Nov 2025 18:27

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 77 Resp: 266772

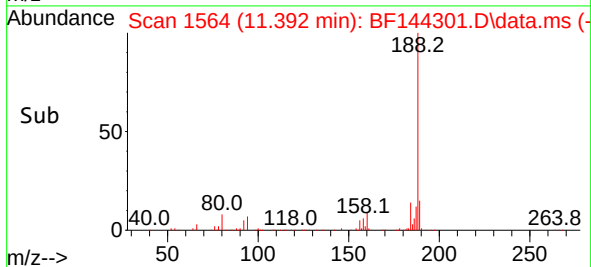
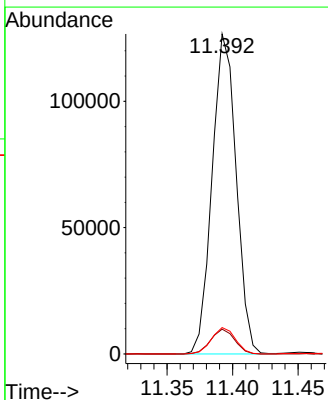
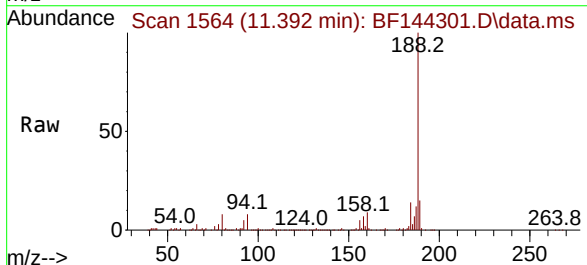
Ion	Ratio	Lower	Upper
77	100		
182	32.1	8.1	48.1
105	25.5	2.0	42.0
51	33.1	13.9	53.9

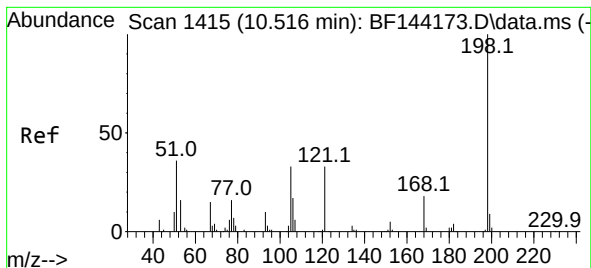


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.392 min Scan# 1564
 Delta R.T. -0.012 min
 Lab File: BF144301.D
 Acq: 20 Nov 2025 18:27

Tgt Ion: 188 Resp: 161668

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.2	9.2
80	8.3	6.9	10.3

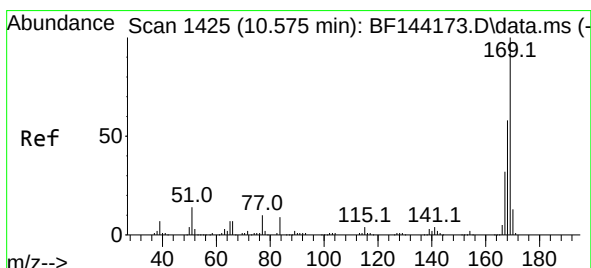
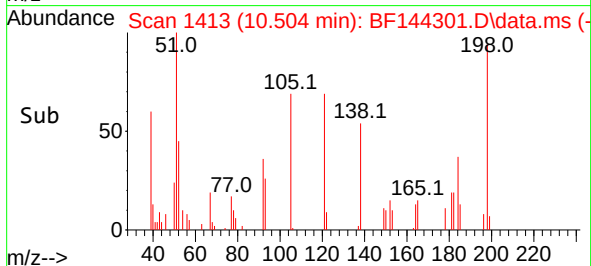
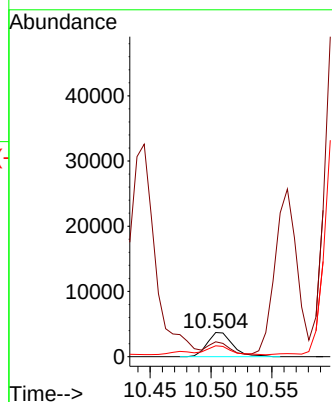
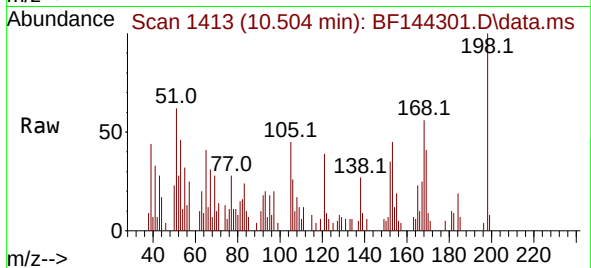




#65
4,6-Dinitro-2-methylphenol
Concen: 4.866 ng
RT: 10.504 min Scan# 1415
Delta R.T. -0.018 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

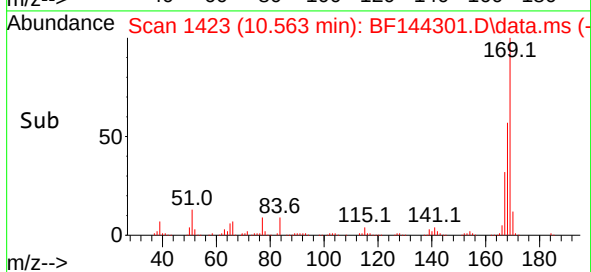
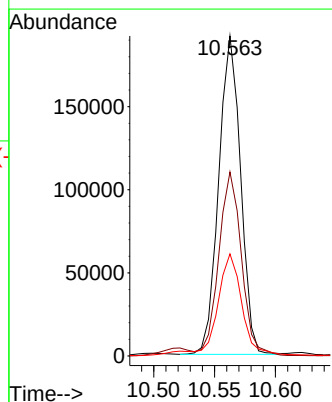
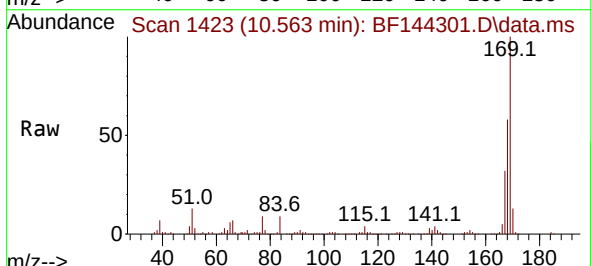
Instrument :
BNA_F
ClientSampleId :

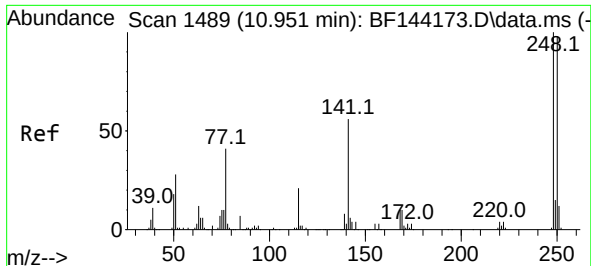
Tgt Ion:198 Resp: 5344
Ion Ratio Lower Upper
198 100
51 61.7 25.6 65.6
105 45.2 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 46.079 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

Tgt Ion:169 Resp: 239594
Ion Ratio Lower Upper
169 100
168 57.5 46.2 69.2
167 31.9 25.7 38.5

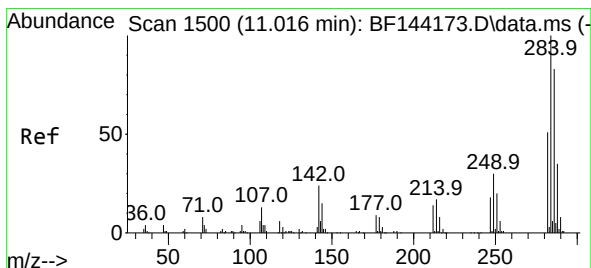
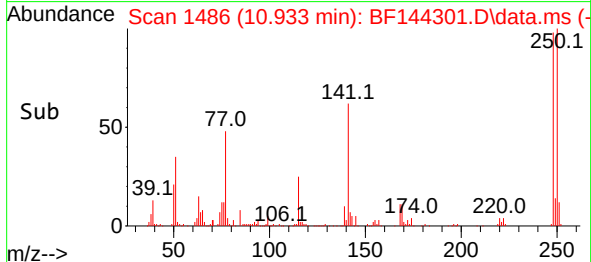
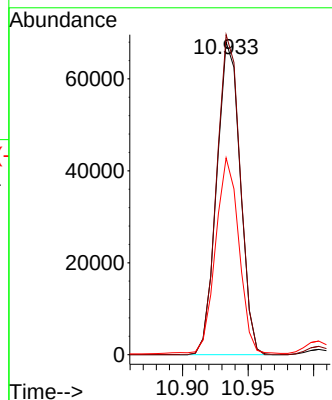
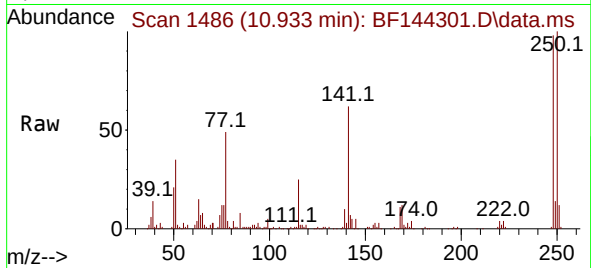




#67
4-Bromophenyl-phenylether
Concen: 41.145 ng
RT: 10.933 min Scan# 1486
Delta R.T. -0.012 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

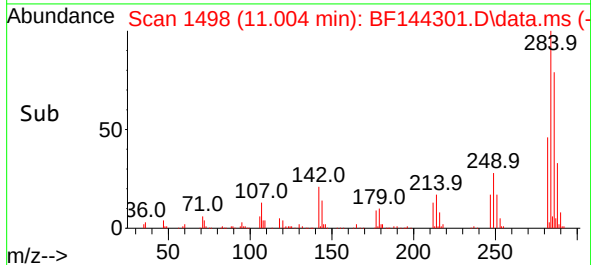
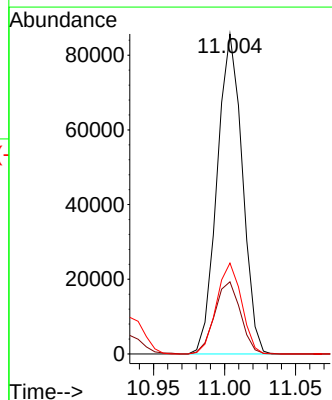
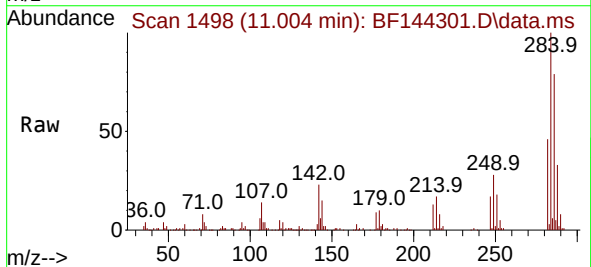
Instrument :
BNA_F
ClientSampleId :

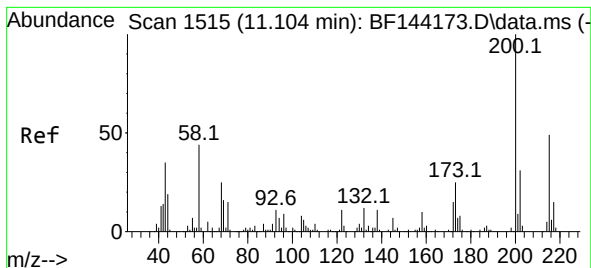
Tgt Ion:248 Resp: 84905
Ion Ratio Lower Upper
248 100
250 102.3 78.4 117.6
141 62.9 45.1 67.7



#68
Hexachlorobenzene
Concen: 43.498 ng
RT: 11.004 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

Tgt Ion:284 Resp: 105725
Ion Ratio Lower Upper
284 100
142 22.5 19.2 28.8
249 28.4 23.8 35.8





#69

Atrazine

Concen: 49.230 ng

RT: 11.092 min Scan# 1513

Delta R.T. -0.006 min

Lab File: BF144301.D

Acq: 20 Nov 2025 18:27

Instrument :

BNA_F

ClientSampleId :

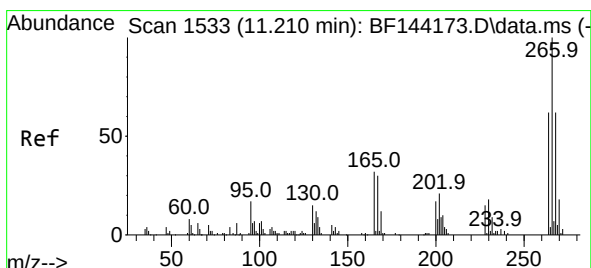
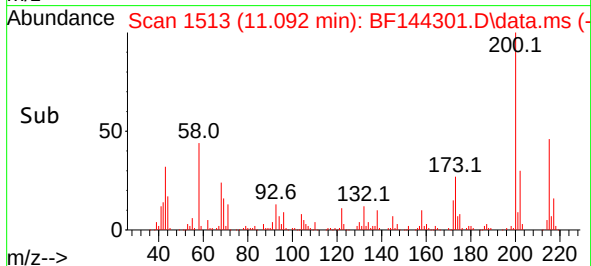
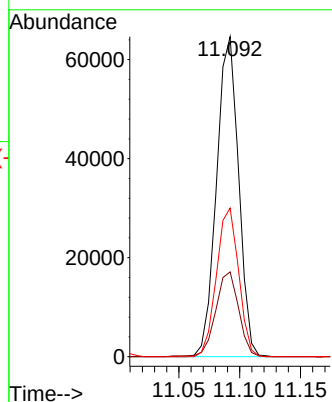
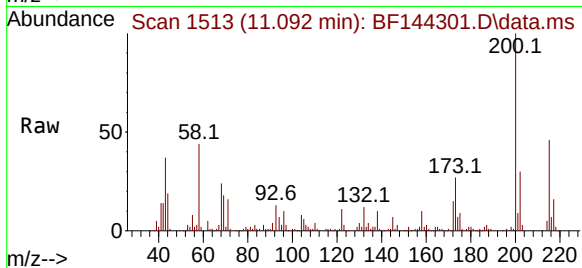
Tgt Ion:200 Resp: 81408

Ion Ratio Lower Upper

200 100

173 26.5 5.0 45.0

215 46.5 28.7 68.7



#70

Pentachlorophenol

Concen: 80.973 ng

RT: 11.204 min Scan# 1532

Delta R.T. -0.012 min

Lab File: BF144301.D

Acq: 20 Nov 2025 18:27

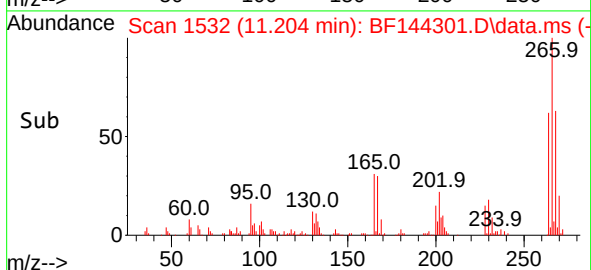
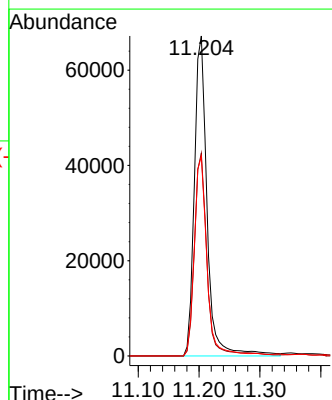
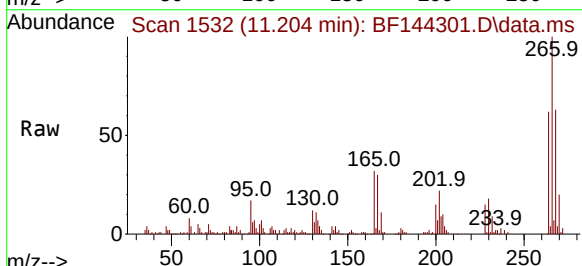
Tgt Ion:266 Resp: 98005

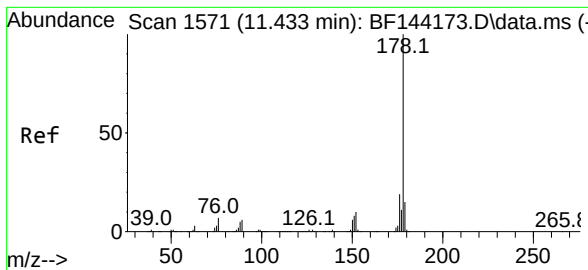
Ion Ratio Lower Upper

266 100

268 63.4 49.5 74.3

264 62.4 49.4 74.2

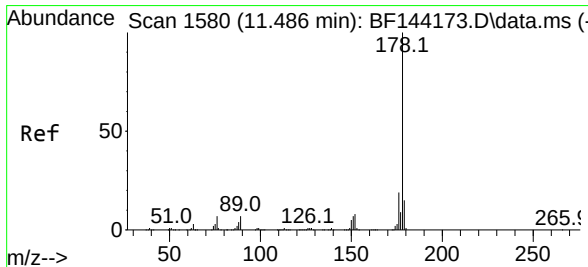
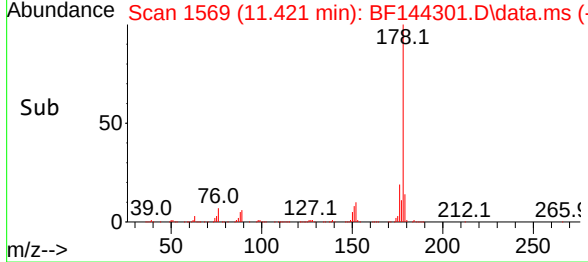
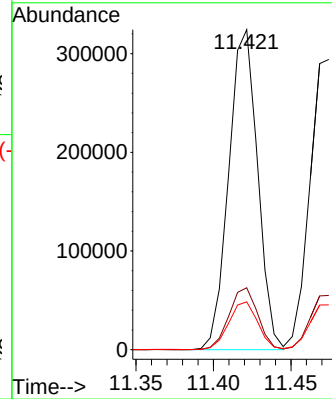
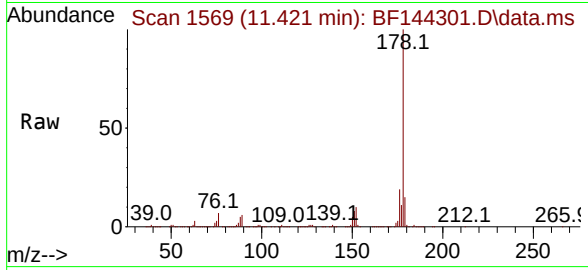




#71
Phenanthrene
Concen: 52.224 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

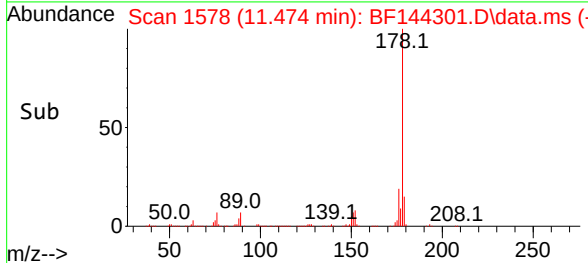
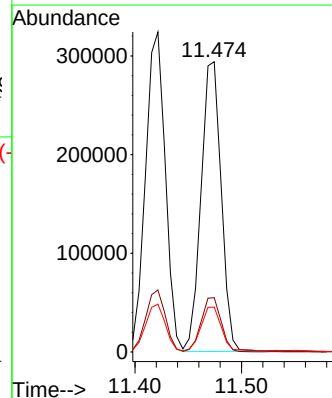
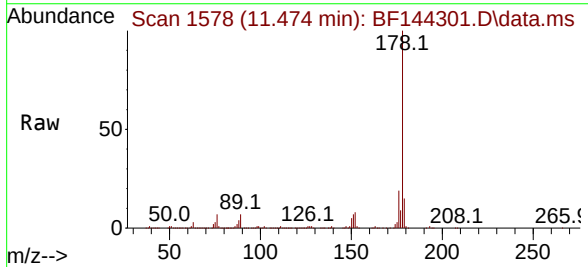
Instrument :
BNA_F
ClientSampleId :

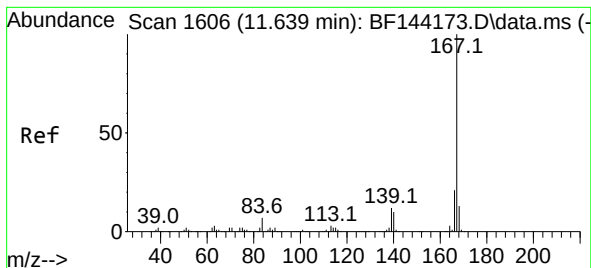
Tgt Ion:178 Resp: 420364
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 14.9 12.2 18.4



#72
Anthracene
Concen: 47.299 ng
RT: 11.474 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

Tgt Ion:178 Resp: 387128
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 15.5 12.0 18.0





#73

Carbazole

Concen: 49.885 ng

RT: 11.627 min Scan# 1604

Delta R.T. -0.012 min

Lab File: BF144301.D

Acq: 20 Nov 2025 18:27

Instrument :

BNA_F

ClientSampleId :

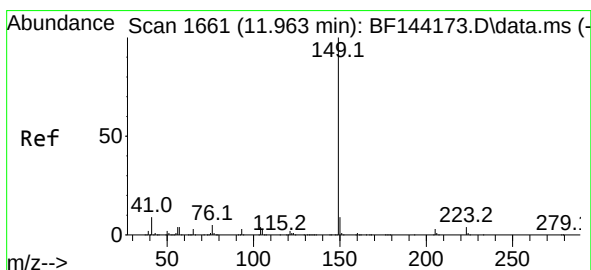
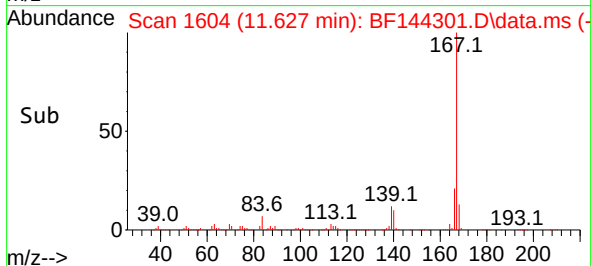
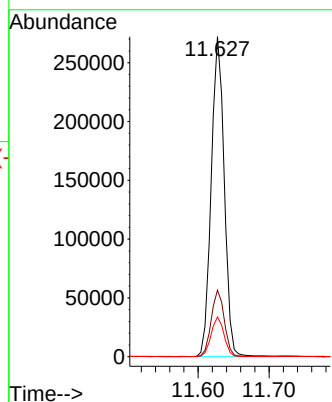
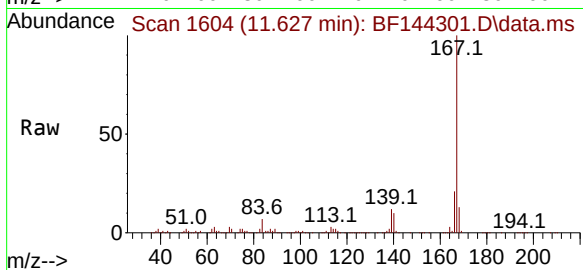
Tgt Ion:167 Resp: 347186

Ion Ratio Lower Upper

167 100

166 20.8 17.2 25.8

139 12.4 9.9 14.9



#74

Di-n-butylphthalate

Concen: 49.122 ng

RT: 11.951 min Scan# 1659

Delta R.T. -0.012 min

Lab File: BF144301.D

Acq: 20 Nov 2025 18:27

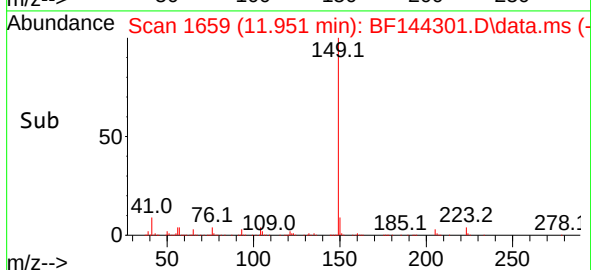
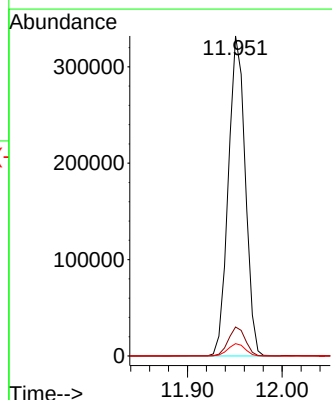
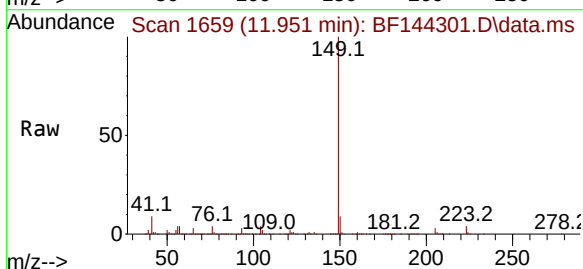
Tgt Ion:149 Resp: 413286

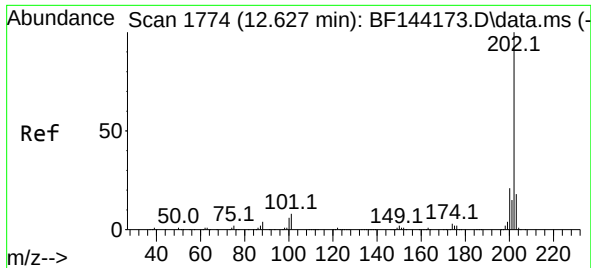
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

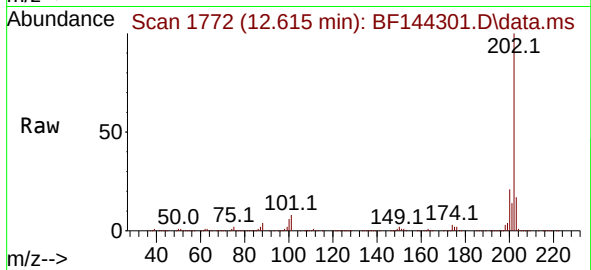
104 3.9 3.4 5.2



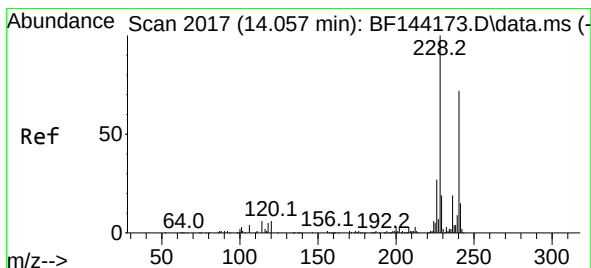
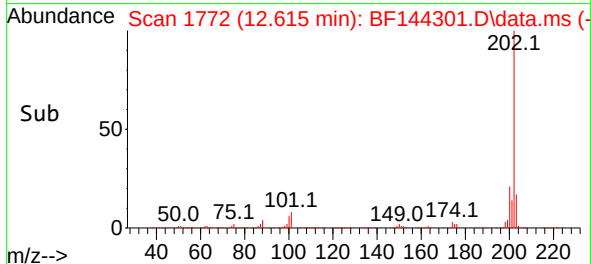
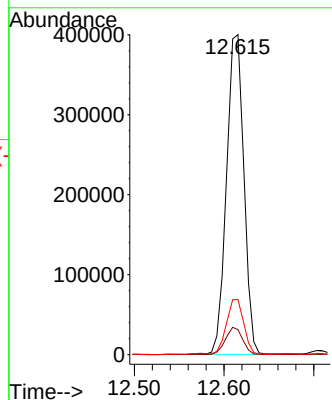


#75
Fluoranthene
Concen: 64.782 ng
RT: 12.615 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

Instrument :
BNA_F
ClientSampleId :

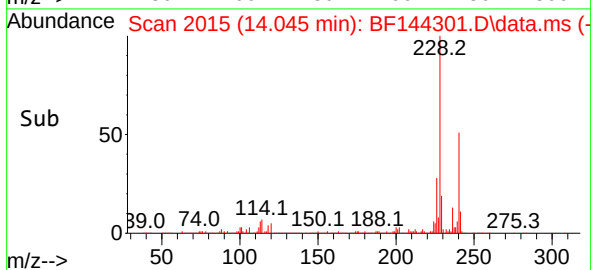
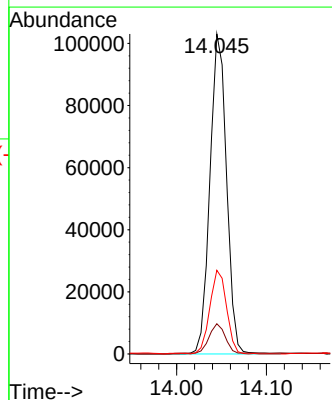
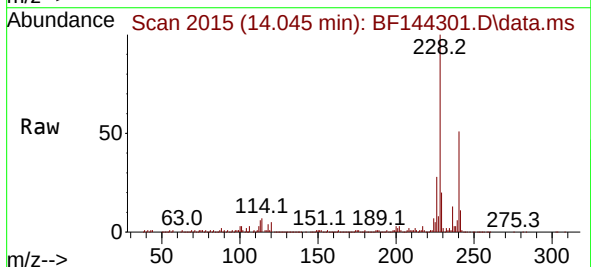


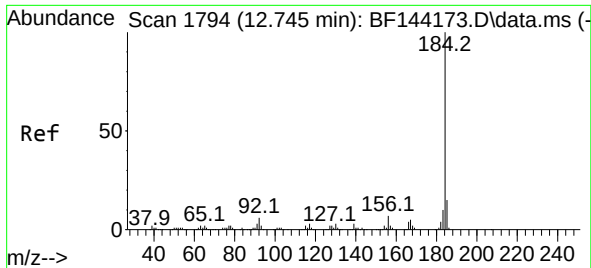
Tgt Ion:202 Resp: 538649
Ion Ratio Lower Upper
202 100
101 7.8 0.0 27.9
203 17.2 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

Tgt Ion:240 Resp: 132524
Ion Ratio Lower Upper
240 100
120 9.4 6.6 10.0
236 26.2 21.4 32.2

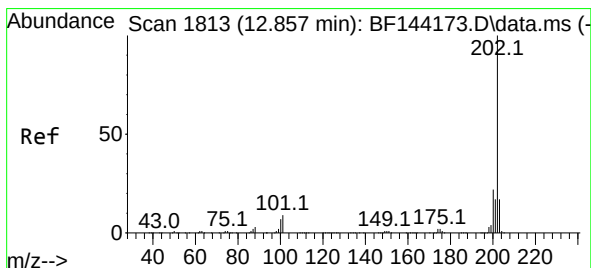
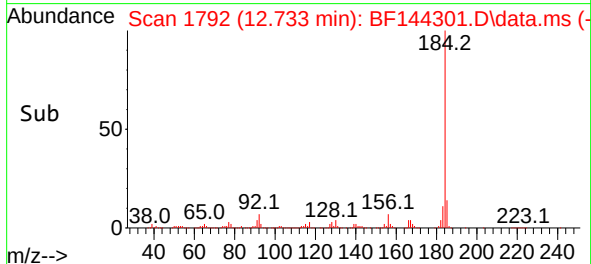
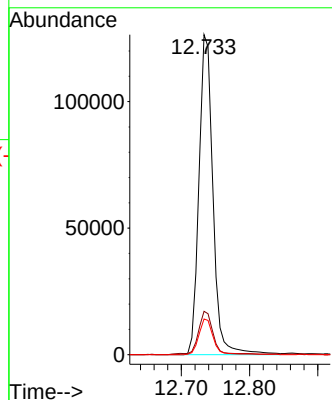
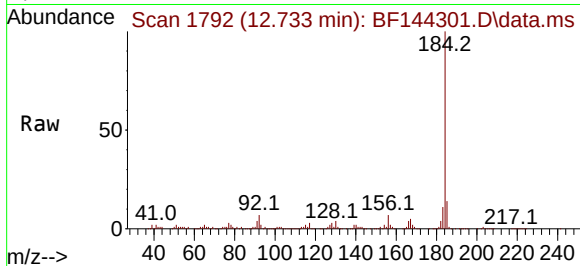




#77
Benzidine
Concen: 46.047 ng
RT: 12.733 min Scan# 1792
Delta R.T. -0.018 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

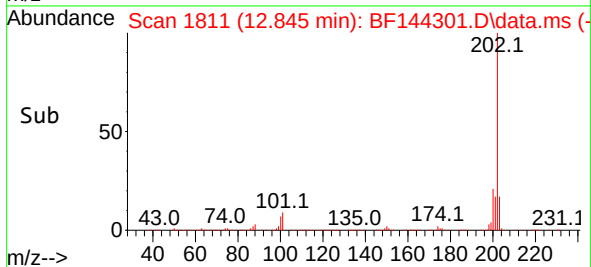
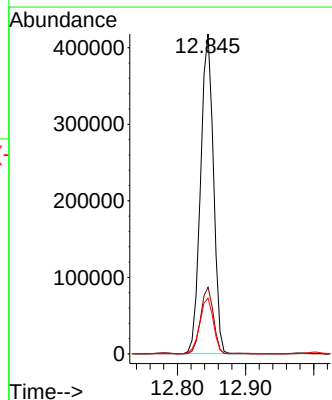
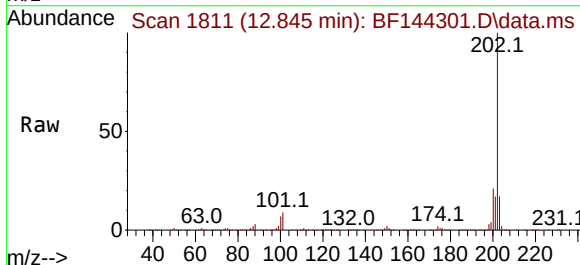
Instrument :
BNA_F
ClientSampleId :

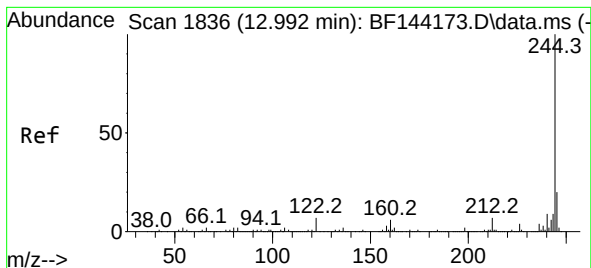
Tgt Ion:184 Resp: 180502
Ion Ratio Lower Upper
184 100
185 13.6 11.7 17.5
183 11.2 8.3 12.5



#78
Pyrene
Concen: 51.277 ng
RT: 12.845 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

Tgt Ion:202 Resp: 547904
Ion Ratio Lower Upper
202 100
200 20.8 17.2 25.8
203 17.4 13.7 20.5





#79

Terphenyl-d14

Concen: 57.675 ng

RT: 12.980 min Scan# 1834

Delta R.T. -0.012 min

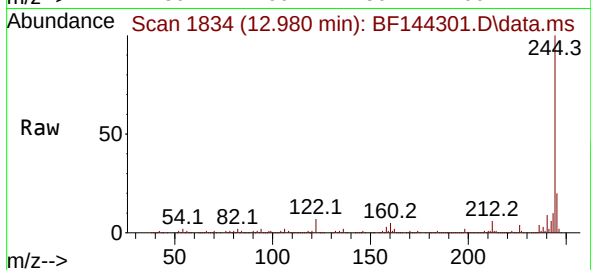
Lab File: BF144301.D

Acq: 20 Nov 2025 18:27

Instrument :

BNA_F

ClientSampleId :



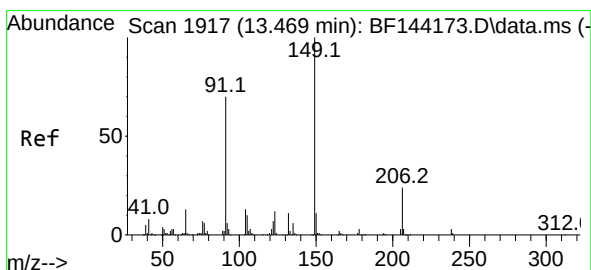
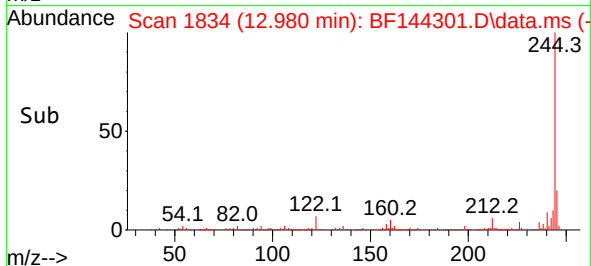
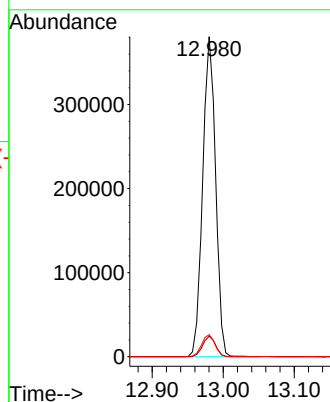
Tgt Ion:244 Resp: 481191

Ion Ratio Lower Upper

244 100

212 6.4 5.3 7.9

122 6.9 5.6 8.4



#80

Butylbenzylphthalate

Concen: 50.112 ng

RT: 13.457 min Scan# 1915

Delta R.T. -0.012 min

Lab File: BF144301.D

Acq: 20 Nov 2025 18:27

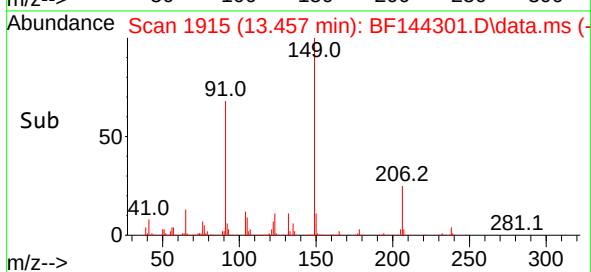
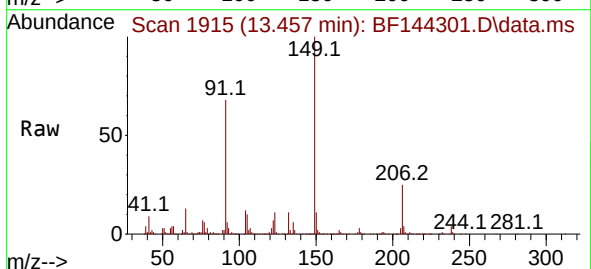
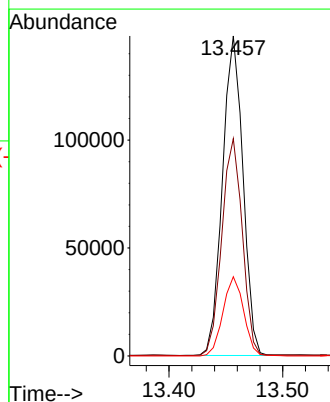
Tgt Ion:149 Resp: 185585

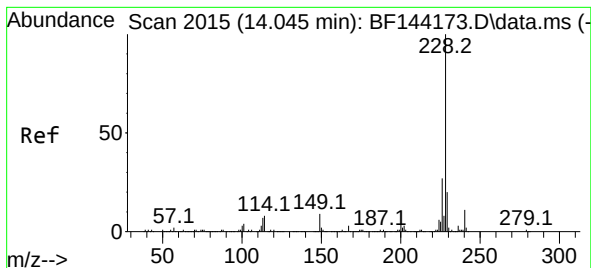
Ion Ratio Lower Upper

149 100

91 67.9 56.1 84.1

206 24.7 18.8 28.2





#81

Benzo(a)anthracene

Concen: 57.392 ng

RT: 14.033 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF144301.D

Acq: 20 Nov 2025 18:27

Instrument :

BNA_F

ClientSampleId :

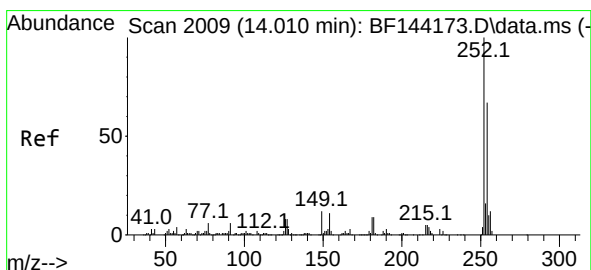
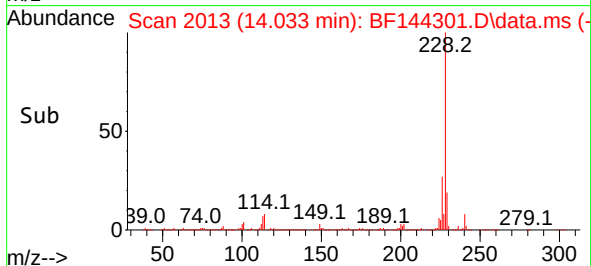
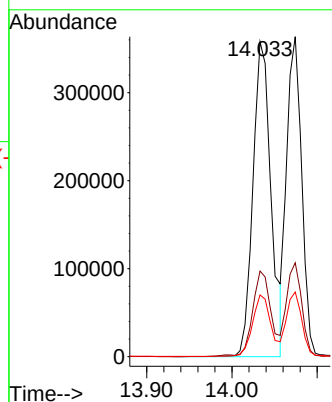
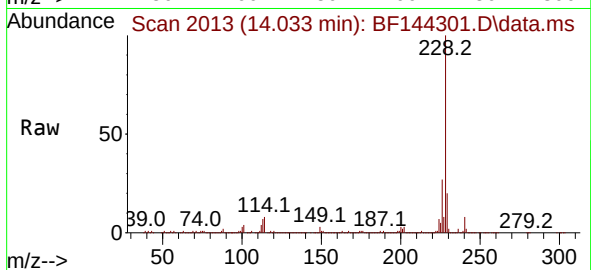
Tgt Ion:228 Resp: 527143

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 19.6 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 38.418 ng

RT: 13.998 min Scan# 2007

Delta R.T. -0.012 min

Lab File: BF144301.D

Acq: 20 Nov 2025 18:27

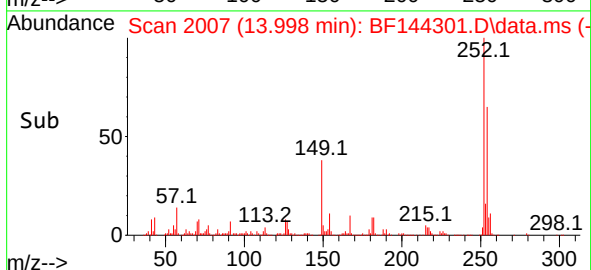
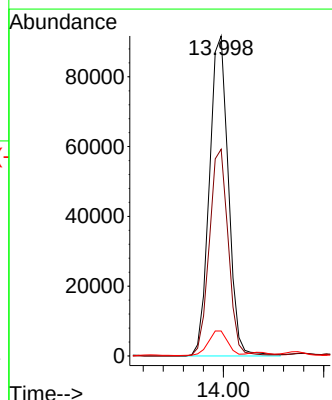
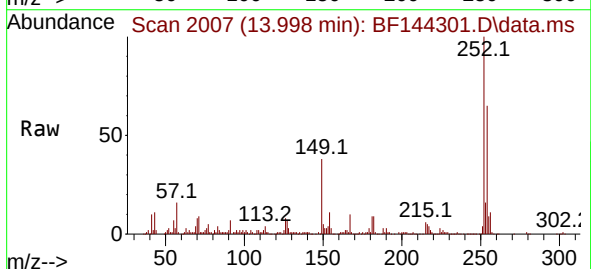
Tgt Ion:252 Resp: 120954

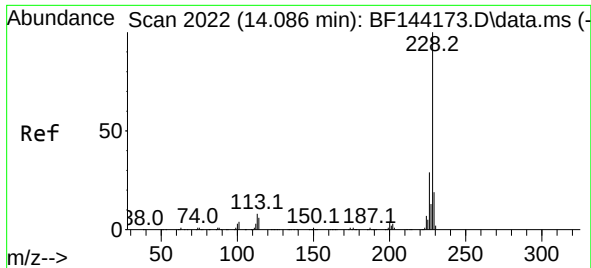
Ion Ratio Lower Upper

252 100

254 64.6 53.5 80.3

126 7.8 6.4 9.6

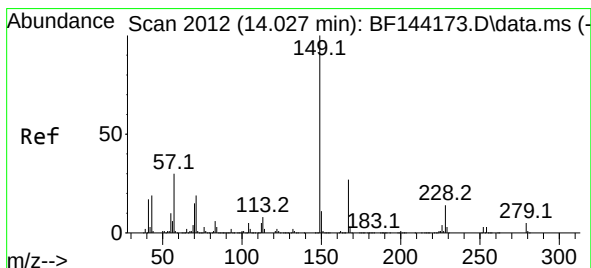
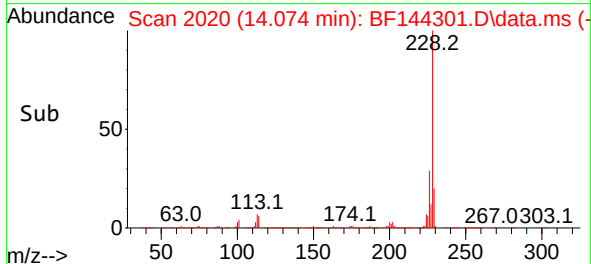
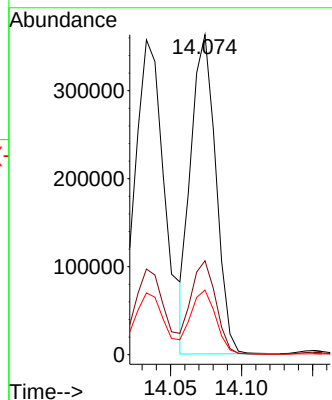
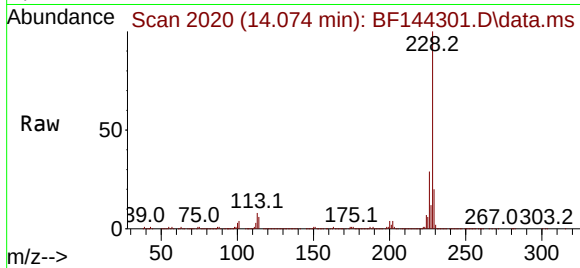




#83
Chrysene
Concen: 52.103 ng
RT: 14.074 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

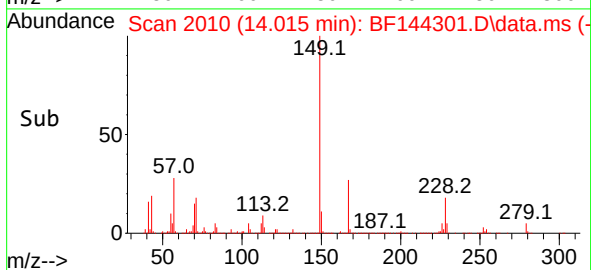
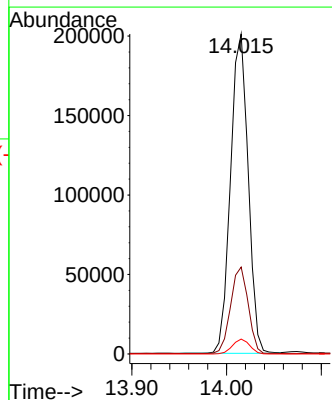
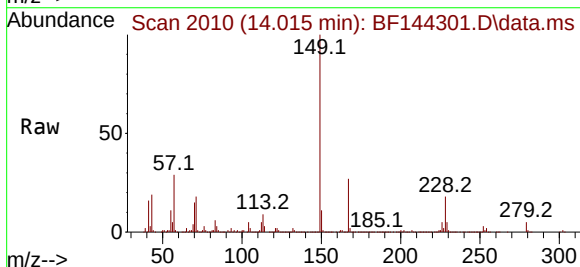
Instrument :
BNA_F
ClientSampleId :

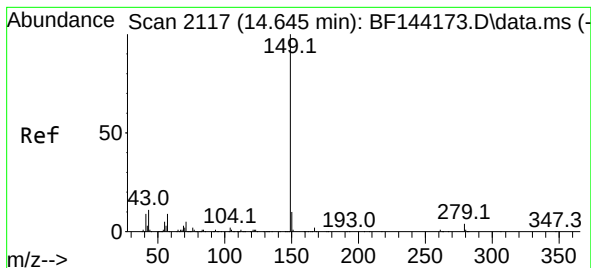
Tgt Ion:228 Resp: 441776
Ion Ratio Lower Upper
228 100
226 29.4 22.9 34.3
229 20.2 15.0 22.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.195 ng
RT: 14.015 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

Tgt Ion:149 Resp: 259544
Ion Ratio Lower Upper
149 100
167 27.2 21.8 32.8
279 4.7 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 49.179 ng

RT: 14.627 min Scan# 2114

Delta R.T. -0.018 min

Lab File: BF144301.D

Acq: 20 Nov 2025 18:27

Instrument :

BNA_F

ClientSampleId :

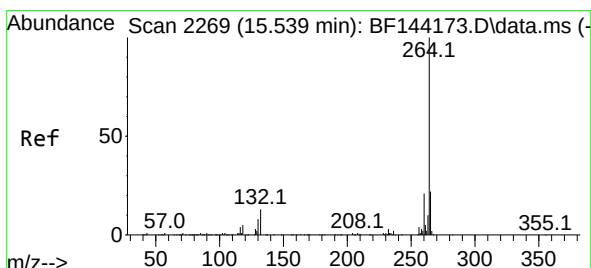
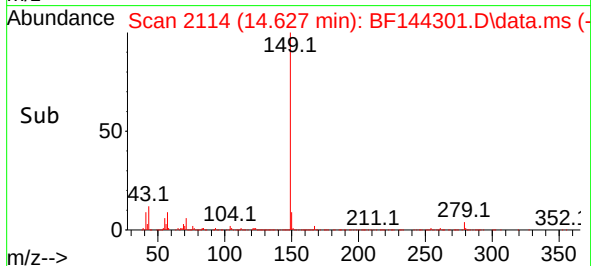
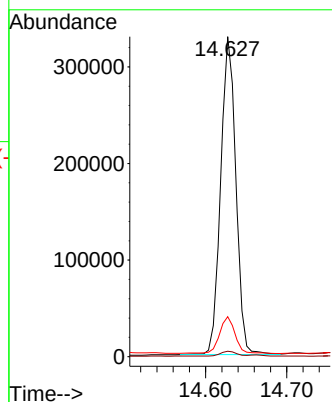
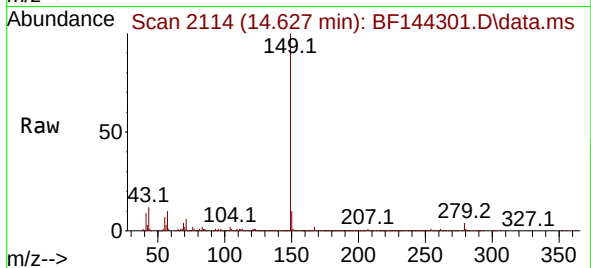
Tgt Ion:149 Resp: 430165

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.9 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2266

Delta R.T. -0.018 min

Lab File: BF144301.D

Acq: 20 Nov 2025 18:27

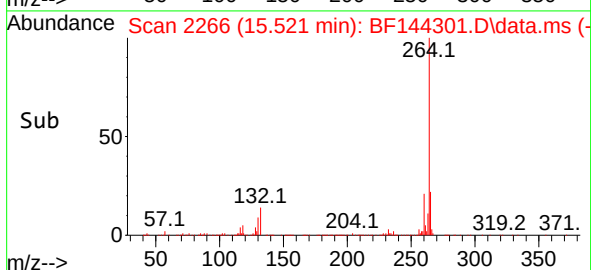
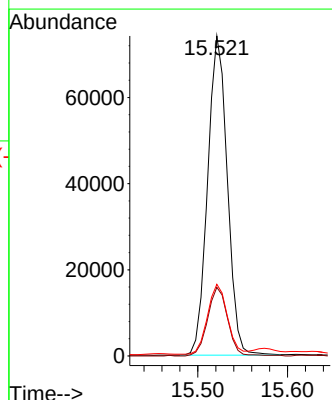
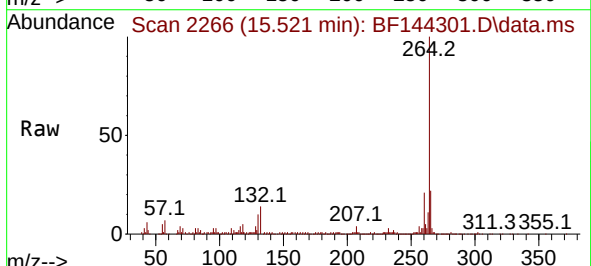
Tgt Ion:264 Resp: 112788

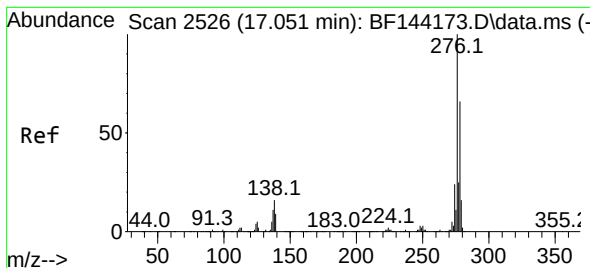
Ion Ratio Lower Upper

264 100

260 21.5 17.1 25.7

265 22.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.057 ng

RT: 17.021 min Scan# 2193

Delta R.T. -0.012 min

Lab File: BF144301.D

Acq: 20 Nov 2025 18:27

Instrument :

BNA_F

ClientSampleId :

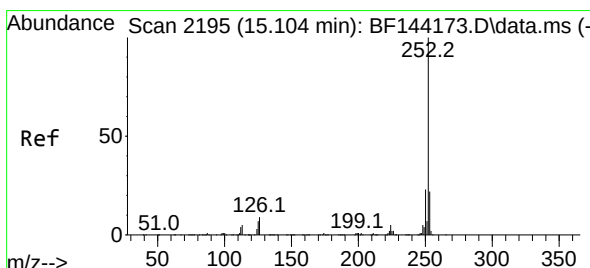
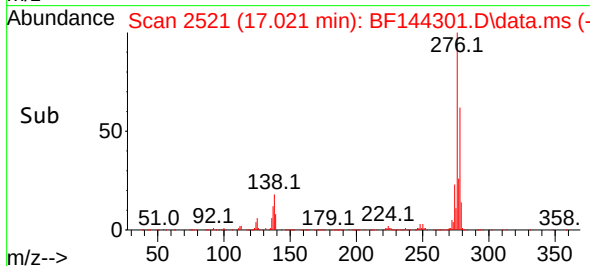
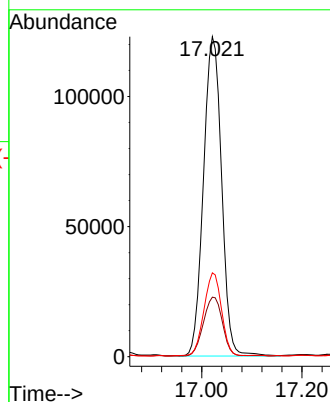
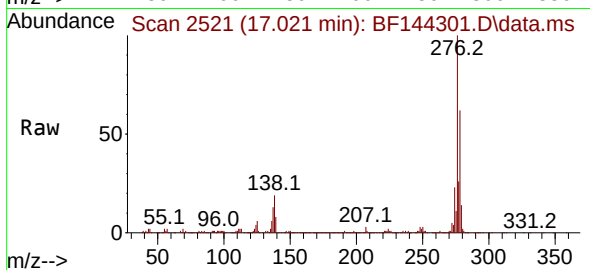
Tgt Ion:276 Resp: 308122

Ion Ratio Lower Upper

276 100

138 19.3 13.9 20.9

277 25.3 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 63.423 ng

RT: 15.092 min Scan# 2193

Delta R.T. -0.006 min

Lab File: BF144301.D

Acq: 20 Nov 2025 18:27

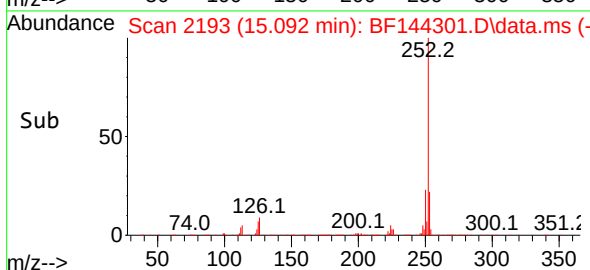
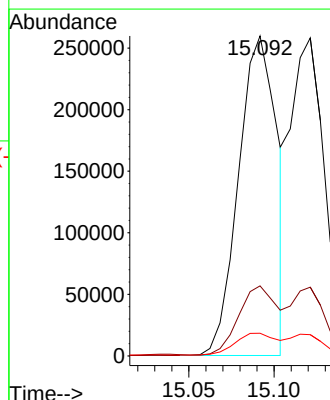
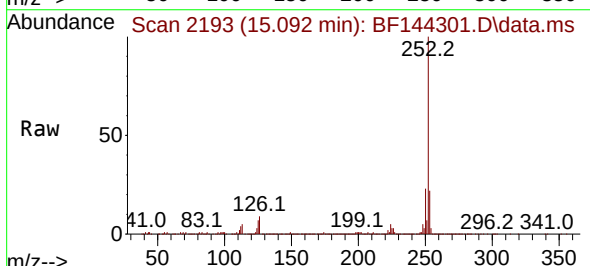
Tgt Ion:252 Resp: 406685

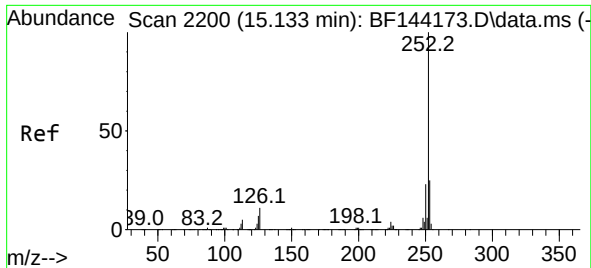
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 7.1 5.3 7.9

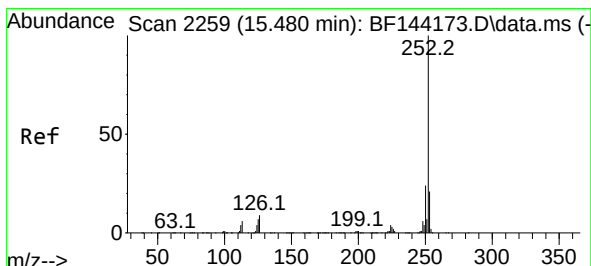
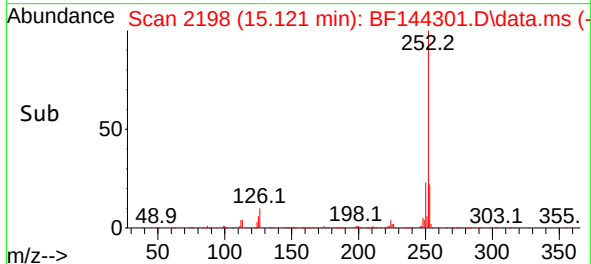
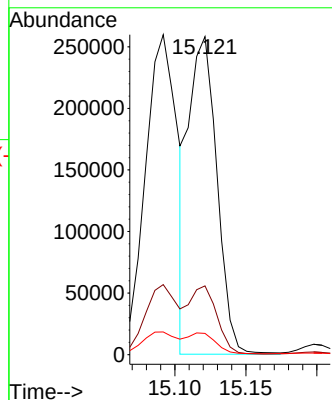
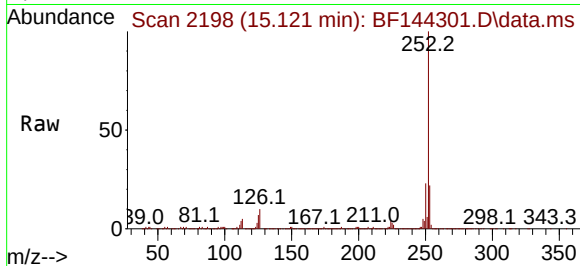




#89
Benzo(k)fluoranthene
Concen: 59.224 ng
RT: 15.121 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

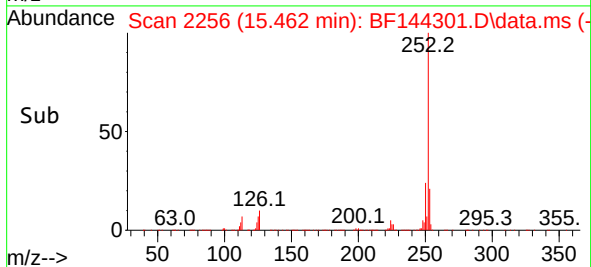
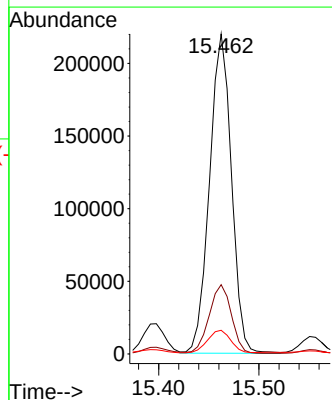
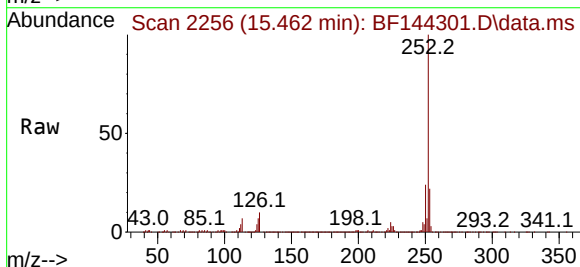
Instrument :
BNA_F
ClientSampleId :

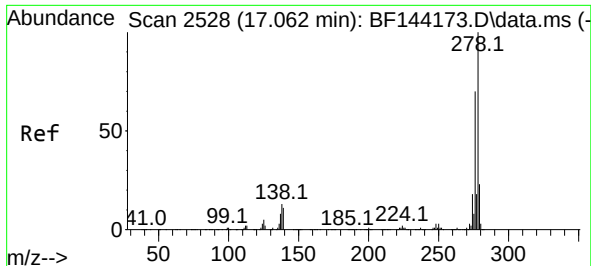
Tgt Ion:252 Resp: 355449
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 6.7 5.4 8.2



#90
Benzo(a)pyrene
Concen: 56.538 ng
RT: 15.462 min Scan# 2256
Delta R.T. -0.012 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

Tgt Ion:252 Resp: 334455
Ion Ratio Lower Upper
252 100
253 21.7 16.7 25.1
125 7.4 5.7 8.5

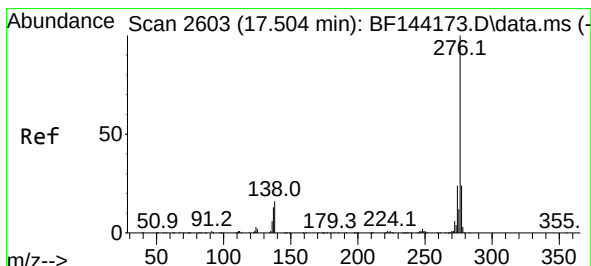
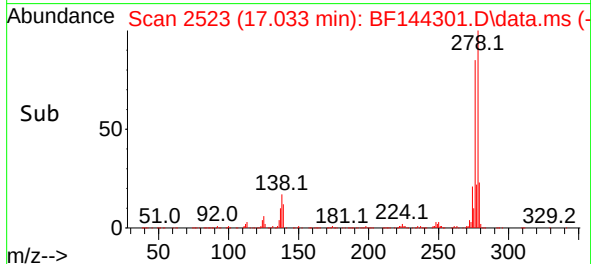
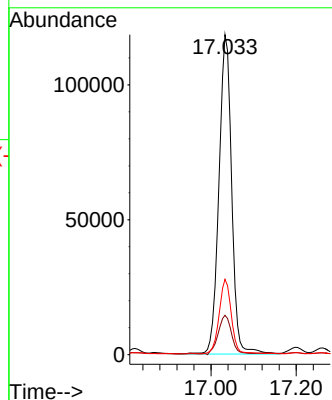
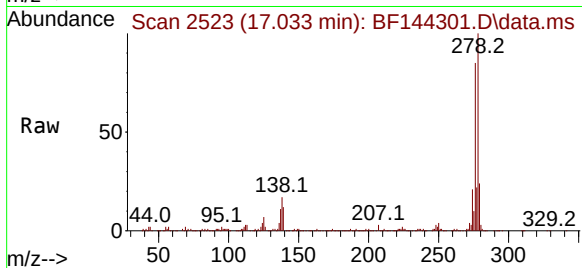




#91
Dibenzo(a,h)anthracene
Concen: 37.741 ng
RT: 17.033 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 245404
Ion Ratio Lower Upper
278 100
139 12.3 9.1 13.7
279 23.6 18.2 27.4



#92
Benzo(g,h,i)perylene
Concen: 39.054 ng
RT: 17.474 min Scan# 2598
Delta R.T. -0.018 min
Lab File: BF144301.D
Acq: 20 Nov 2025 18:27

Tgt Ion:276 Resp: 250769
Ion Ratio Lower Upper
276 100
277 24.7 19.0 28.4
138 16.9 12.9 19.3

