

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082825\
 Data File : BF143606.D
 Acq On : 28 Aug 2025 13:13
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 28 15:10:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 26 16:30:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	114110	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	431122	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	238148	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	374889	20.000	ng	0.00
76) Chrysene-d12	14.051	240	201426	20.000	ng	0.00
86) Perylene-d12	15.527	264	203353	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	534925	79.785	ng	0.00
7) Phenol-d6	6.510	99	665208	80.107	ng	0.00
23) Nitrobenzene-d5	7.457	82	563766	93.369	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	174996	93.965	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1136162	81.570	ng	0.00
79) Terphenyl-d14	12.998	244	1000900	89.169	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	129516	39.487	ng	95
3) Pyridine	3.440	79	344749	41.857	ng	95
4) n-Nitrosodimethylamine	3.393	42	146659	37.420	ng	93
6) Aniline	6.557	93	463929	40.019	ng	99
8) 2-Chlorophenol	6.675	128	288498	40.672	ng	97
9) Benzaldehyde	6.445	77	278420	44.559	ng	99
10) Phenol	6.522	94	396480	42.571	ng	98
11) bis(2-Chloroethyl)ether	6.628	93	278007	38.954	ng	97
12) 1,3-Dichlorobenzene	6.834	146	327674	40.216	ng	99
13) 1,4-Dichlorobenzene	6.910	146	328302	39.960	ng	100
14) 1,2-Dichlorobenzene	7.063	146	308211	39.550	ng	99
15) Benzyl Alcohol	7.028	79	253958	40.807	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	470064	35.683	ng	98
17) 2-Methylphenol	7.134	107	242019	40.191	ng	98
18) Hexachloroethane	7.410	117	110223	42.222	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	207566	39.457	ng	96
20) 3+4-Methylphenols	7.292	107	306959	41.504	ng	94
22) Acetophenone	7.298	105	390064	40.175	ng	98
24) Nitrobenzene	7.475	77	299582	46.278	ng	97
25) Isophorone	7.710	82	559324	39.584	ng	99
26) 2-Nitrophenol	7.787	139	124716	47.306	ng	100
27) 2,4-Dimethylphenol	7.822	122	254929	41.466	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	339119	39.668	ng	100
29) 2,4-Dichlorophenol	8.022	162	254500	42.965	ng	100
30) 1,2,4-Trichlorobenzene	8.116	180	257395	41.618	ng	99
31) Naphthalene	8.198	128	839777	40.317	ng	100
32) Benzoic acid	7.916	122	141749	45.840	ng	98
33) 4-Chloroaniline	8.239	127	302615	41.123	ng	98
34) Hexachlorobutadiene	8.316	225	160998	41.312	ng	100
35) Caprolactam	8.610	113	71277	42.355	ng	92
36) 4-Chloro-3-methylphenol	8.710	107	257014	41.502	ng	99
37) 2-Methylnaphthalene	8.886	142	560904	40.776	ng	100
38) 1-Methylnaphthalene	8.986	142	536356	40.401	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	257243	41.528	ng	98
41) Hexachlorocyclopentadiene	9.039	237	133957	43.959	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	175472	42.869	ng	100

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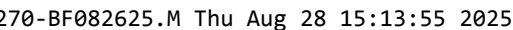
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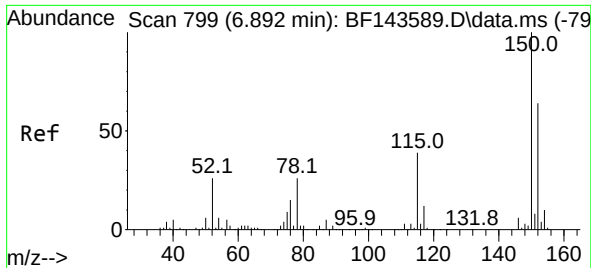
Quant Time: Aug 28 15:10:25 2025
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 QLast Update : Tue Aug 26 16:30:52 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	184527	44.614	ng	99
46) 1,1'-Biphenyl	9.351	154	667585	40.400	ng	99
47) 2-Chloronaphthalene	9.375	162	529680	40.578	ng	99
48) 2-Nitroaniline	9.469	65	160331	44.561	ng	98
49) Acenaphthylene	9.792	152	773156	40.709	ng	100
50) Dimethylphthalate	9.645	163	601244	41.045	ng	100
51) 2,6-Dinitrotoluene	9.710	165	113502	46.318	ng	91
52) Acenaphthene	9.963	154	509571	40.960	ng	99
53) 3-Nitroaniline	9.875	138	129835	44.974	ng #	98
54) 2,4-Dinitrophenol	9.975	184	36741	49.114	ng #	10
55) Dibenzofuran	10.133	168	742284	40.696	ng	98
56) 4-Nitrophenol	10.022	139	106397	44.701	ng	95
57) 2,4-Dinitrotoluene	10.110	165	154052	47.714	ng	94
58) Fluorene	10.480	166	557742	40.728	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	142553	46.618	ng	99
60) Diethylphthalate	10.351	149	571527	41.634	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	271950	40.605	ng	99
62) 4-Nitroaniline	10.486	138	124267	45.794	ng	98
63) Azobenzene	10.628	77	552692	39.709	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	60491	48.171	ng	93
66) n-Nitrosodiphenylamine	10.586	169	483525	40.549	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	169007	41.679	ng	98
68) Hexachlorobenzene	11.022	284	182338	42.038	ng	97
69) Atrazine	11.110	200	147478	43.026	ng	98
70) Pentachlorophenol	11.216	266	113138	45.655	ng	100
71) Phenanthrene	11.439	178	819919	40.849	ng	100
72) Anthracene	11.492	178	830608	41.062	ng	100
73) Carbazole	11.645	167	714603	40.869	ng	100
74) Di-n-butylphthalate	11.975	149	758768	42.604	ng	100
75) Fluoranthene	12.627	202	740344	40.396	ng	99
77) Benzidine	12.745	184	212502	45.824	ng	100
78) Pyrene	12.857	202	747412	44.337	ng	100
80) Butylbenzylphthalate	13.474	149	184016	39.369	ng	97
81) Benzo(a)anthracene	14.039	228	510440	40.280	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	139371	41.021	ng	98
83) Chrysene	14.080	228	486242	41.172	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	213522	35.534	ng	99
85) Di-n-octyl phthalate	14.651	149	378135	34.868	ng	97
87) Indeno(1,2,3-cd)pyrene	17.021	276	608367	43.972	ng	98
88) Benzo(b)fluoranthene	15.092	252	489028	42.089	ng	100
89) Benzo(k)fluoranthene	15.121	252	413927	38.102	ng	99
90) Benzo(a)pyrene	15.463	252	428300	41.721	ng	100
91) Dibenzo(a,h)anthracene	17.045	278	493661	43.596	ng	98
92) Benzo(g,h,i)perylene	17.474	276	486952	43.437	ng	99

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

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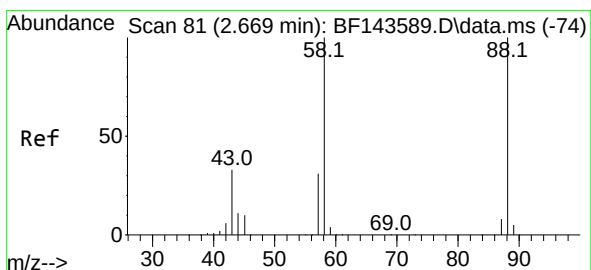
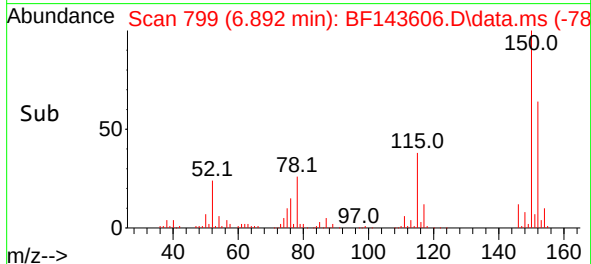
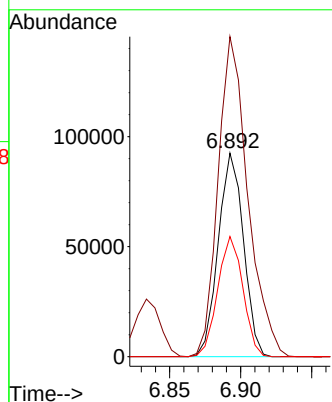
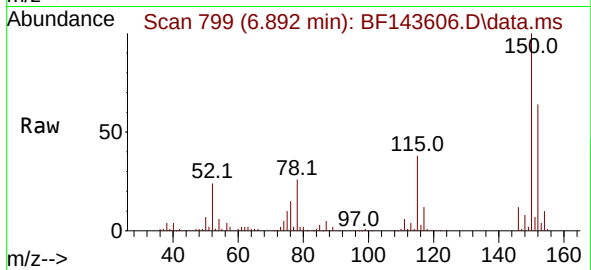




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: BF143606.D
 Acq: 28 Aug 2025 13:13

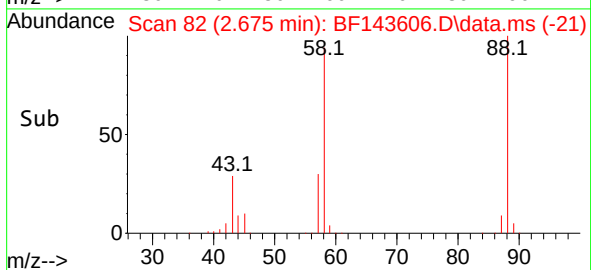
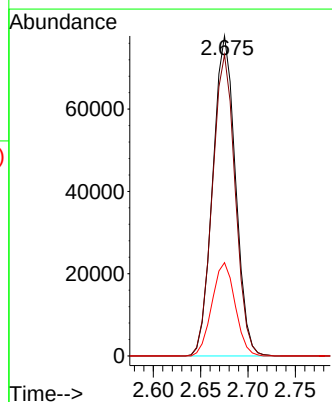
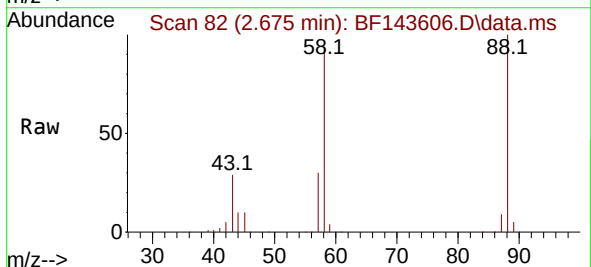
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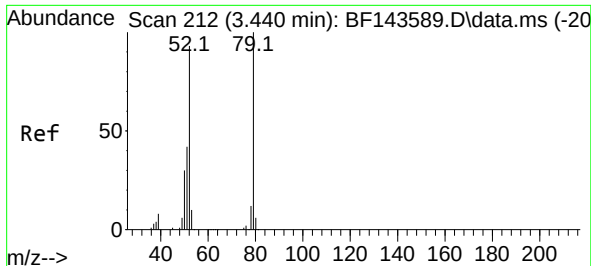
Tgt Ion:152 Resp: 114110
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.9 187.3
 115 59.0 48.0 72.0



#2
 1,4-Dioxane
 Concen: 39.487 ng
 RT: 2.675 min Scan# 82
 Delta R.T. 0.006 min
 Lab File: BF143606.D
 Acq: 28 Aug 2025 13:13

Tgt Ion: 88 Resp: 129516
 Ion Ratio Lower Upper
 88 100
 58 94.6 79.2 118.8
 43 29.7 26.2 39.2

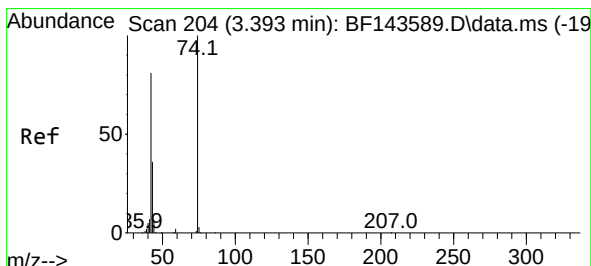
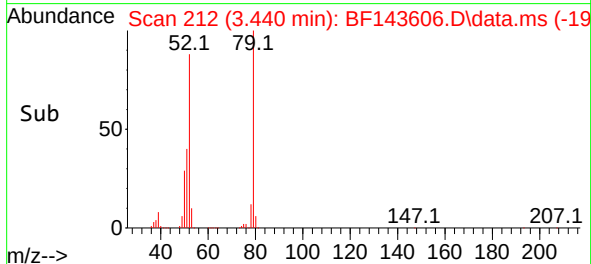
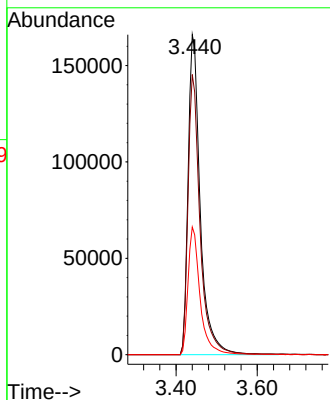
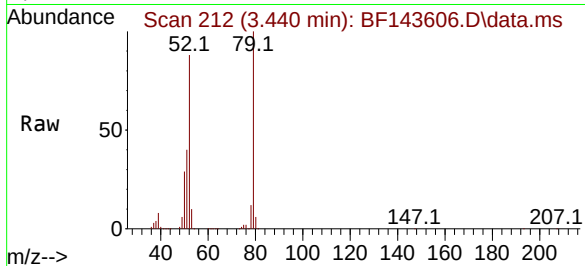




#3
Pyridine
Concen: 41.857 ng
RT: 3.440 min Scan# 212
Delta R.T. 0.000 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

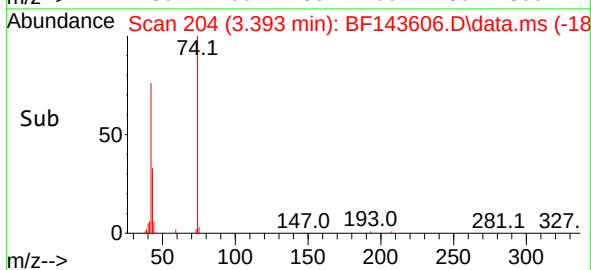
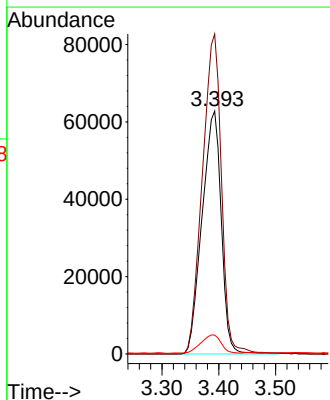
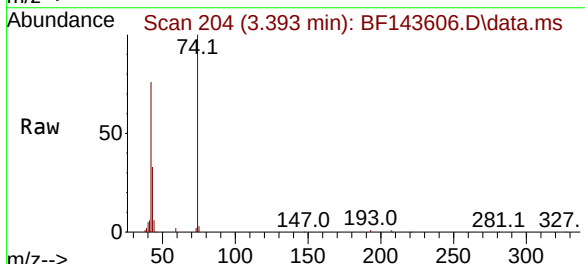
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ClientSampleId :
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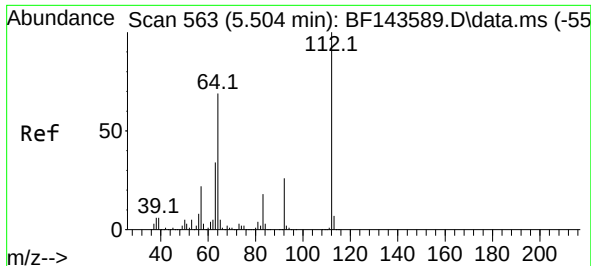
Tgt Ion: 79 Resp: 344749
Ion Ratio Lower Upper
79 100
52 87.5 74.3 111.5
51 39.9 33.5 50.3



#4
n-Nitrosodimethylamine
Concen: 37.420 ng
RT: 3.393 min Scan# 204
Delta R.T. 0.000 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

Tgt Ion: 42 Resp: 146659
Ion Ratio Lower Upper
42 100
74 131.7 98.9 148.3
44 7.8 7.0 10.4

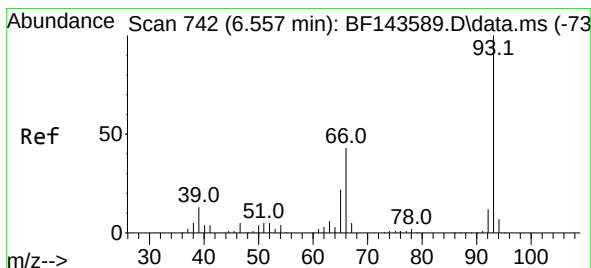
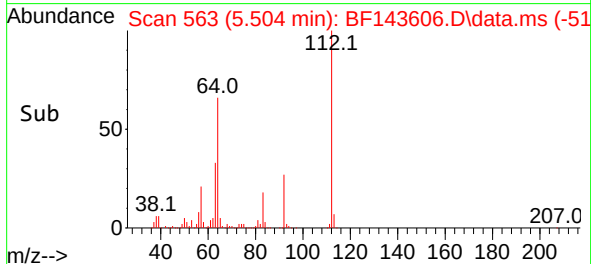
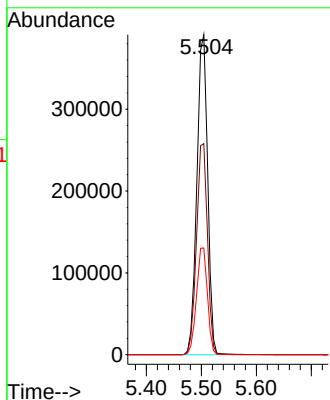
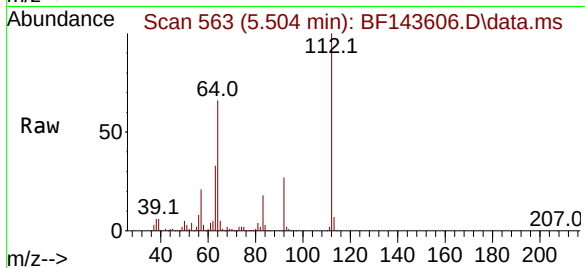




#5
2-Fluorophenol
Concen: 79.785 ng
RT: 5.504 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

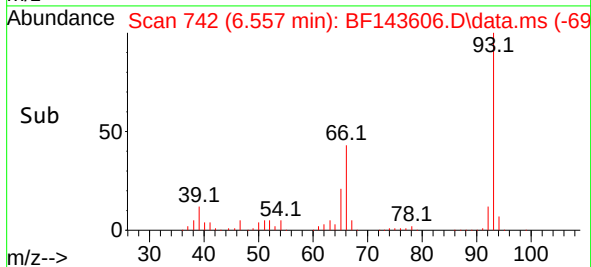
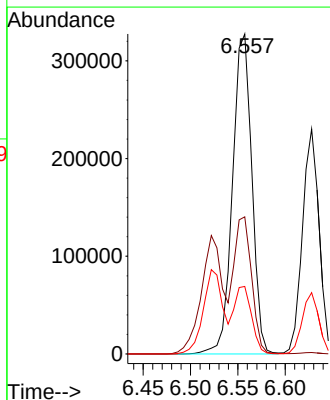
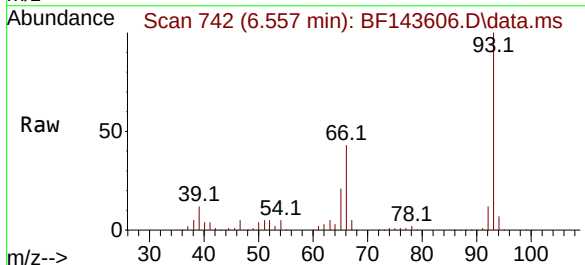
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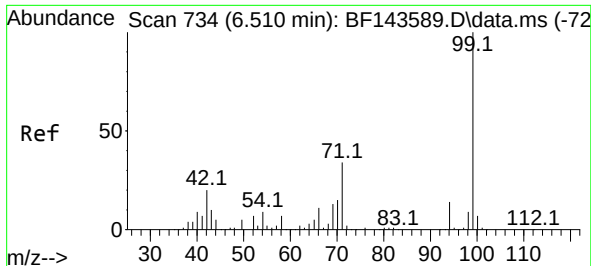
Tgt Ion:112 Resp: 534925
Ion Ratio Lower Upper
112 100
64 66.0 54.8 82.2
63 33.4 27.6 41.4



#6
Aniline
Concen: 40.019 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

Tgt Ion: 93 Resp: 463929
Ion Ratio Lower Upper
93 100
66 42.9 35.0 52.4
65 21.1 17.5 26.3

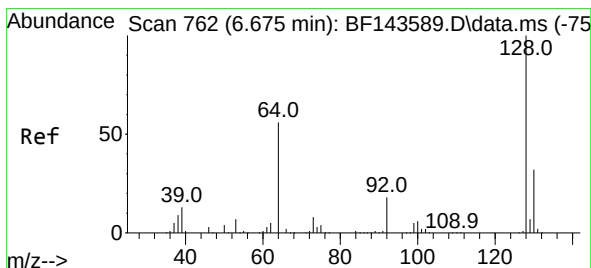
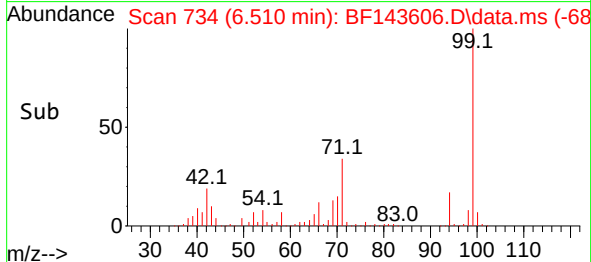
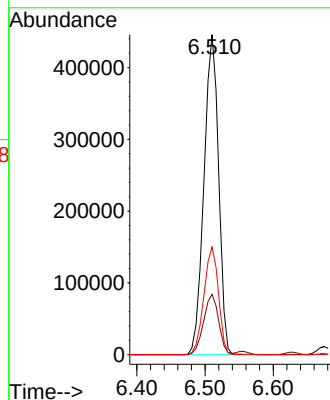
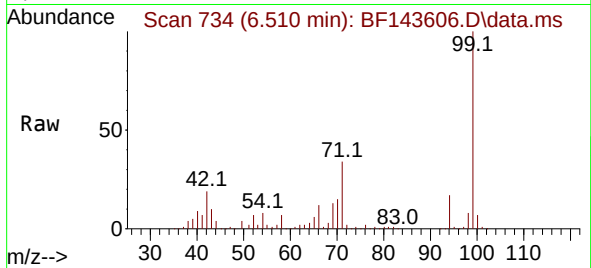




#7
Phenol-d6
Concen: 80.107 ng
RT: 6.510 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

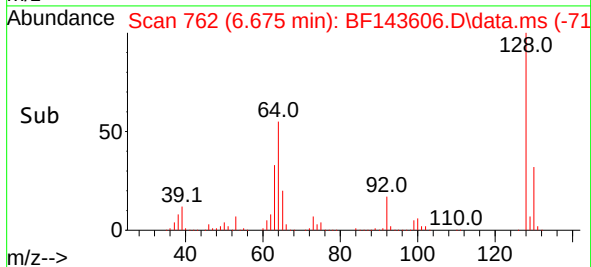
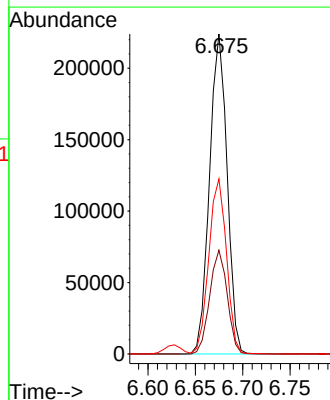
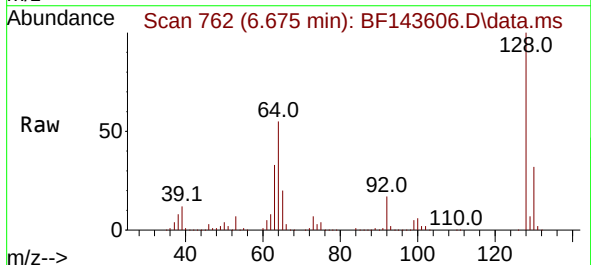
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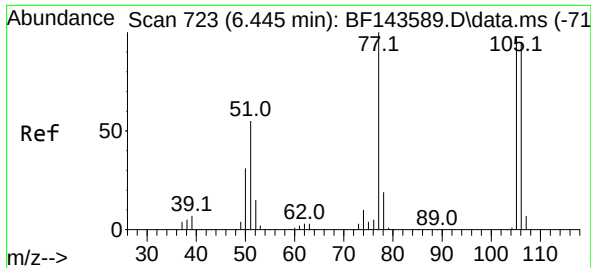
Tgt Ion: 99 Resp: 665208
Ion Ratio Lower Upper
99 100
42 18.8 15.9 23.9
71 33.6 27.2 40.8



#8
2-Chlorophenol
Concen: 40.672 ng
RT: 6.675 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

Tgt Ion:128 Resp: 288498
Ion Ratio Lower Upper
128 100
130 32.4 12.3 52.3
64 54.7 38.4 78.4

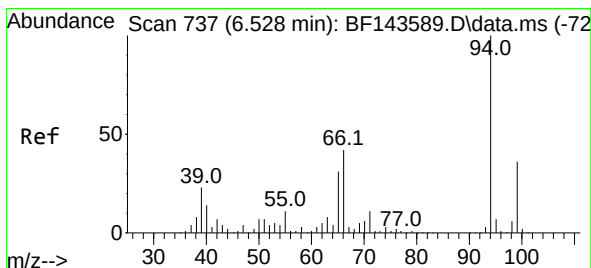
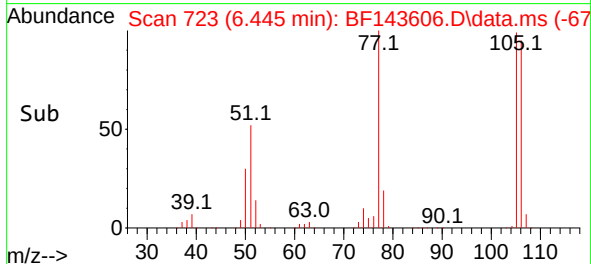
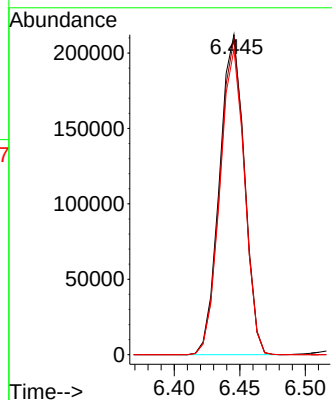
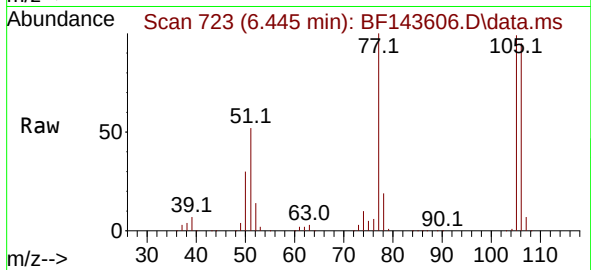




#9
Benzaldehyde
Concen: 44.559 ng
RT: 6.445 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

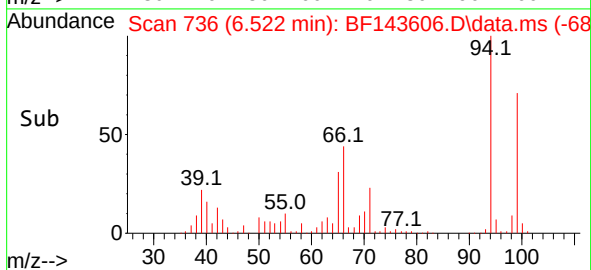
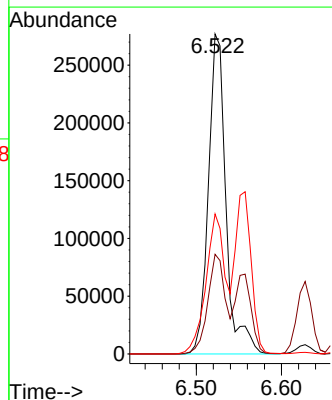
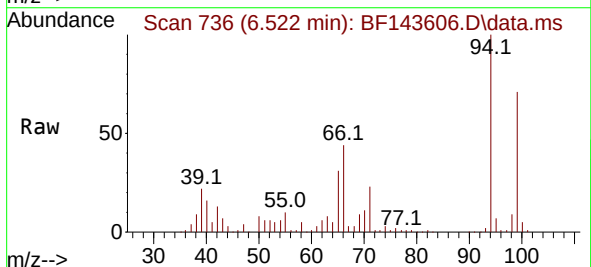
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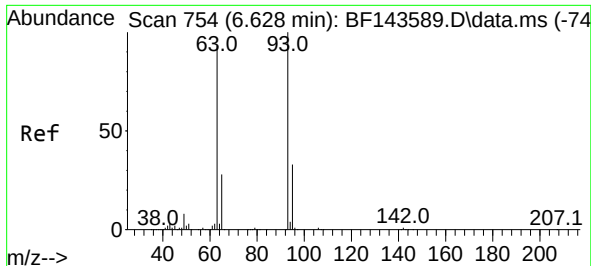
Tgt Ion: 77 Resp: 278420
Ion Ratio Lower Upper
77 100
105 98.7 77.9 117.9
106 95.4 74.9 114.9



#10
Phenol
Concen: 42.571 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF143606.D
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Tgt Ion: 94 Resp: 396480
Ion Ratio Lower Upper
94 100
65 31.1 11.0 51.0
66 43.8 22.1 62.1





#11

bis(2-Chloroethyl)ether

Concen: 38.954 ng

RT: 6.628 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF143606.D

Acq: 28 Aug 2025 13:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

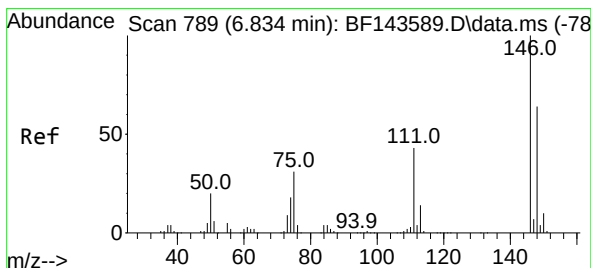
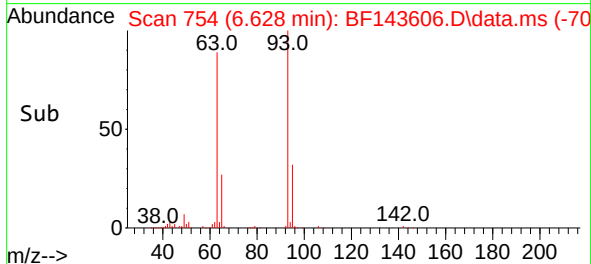
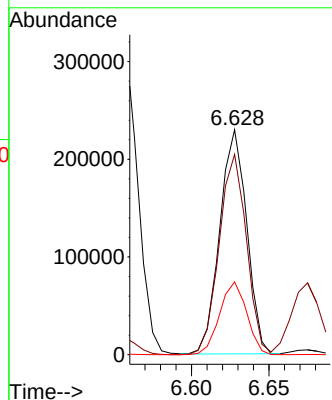
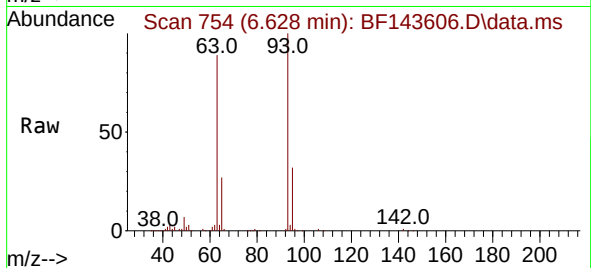
Tgt Ion: 93 Resp: 278007

Ion Ratio Lower Upper

93 100

63 89.0 72.1 112.1

95 32.4 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 40.216 ng

RT: 6.834 min Scan# 789

Delta R.T. 0.000 min

Lab File: BF143606.D

Acq: 28 Aug 2025 13:13

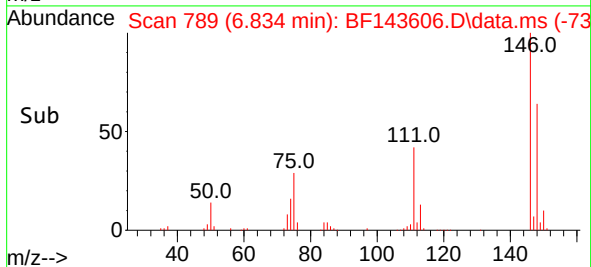
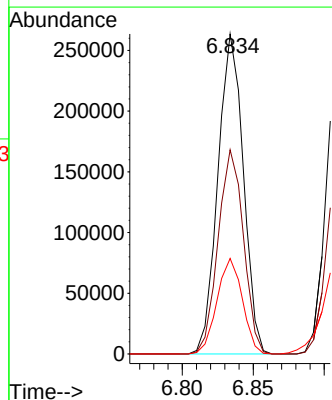
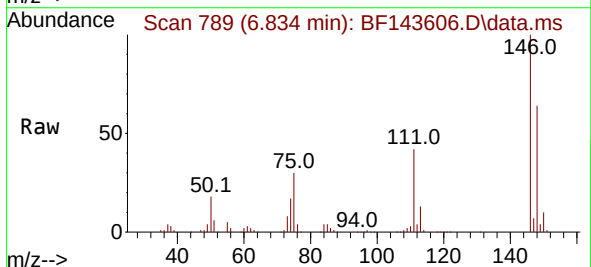
Tgt Ion:146 Resp: 327674

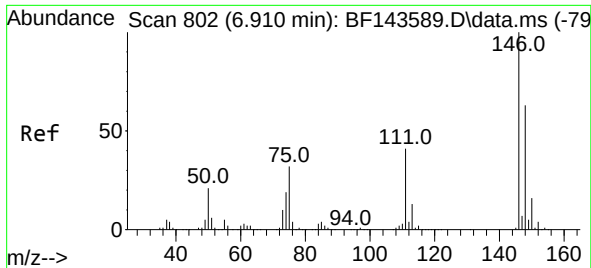
Ion Ratio Lower Upper

146 100

148 63.8 51.1 76.7

75 29.9 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 39.960 ng

RT: 6.910 min Scan# 802

Delta R.T. 0.000 min

Lab File: BF143606.D

Acq: 28 Aug 2025 13:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

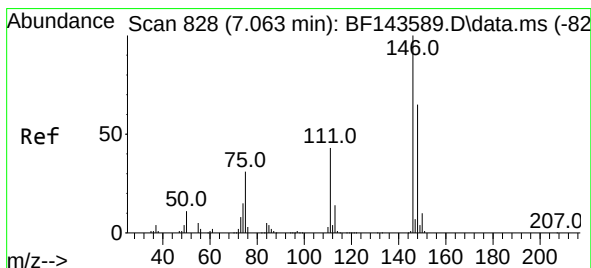
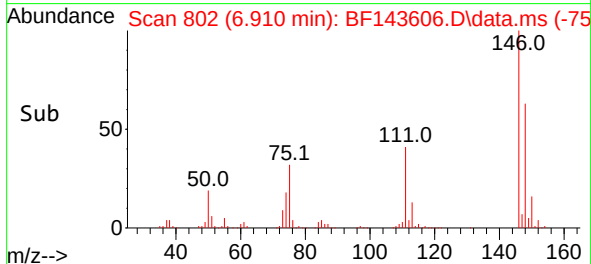
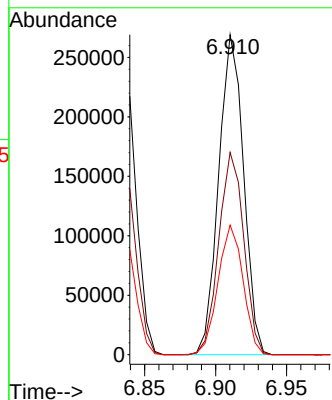
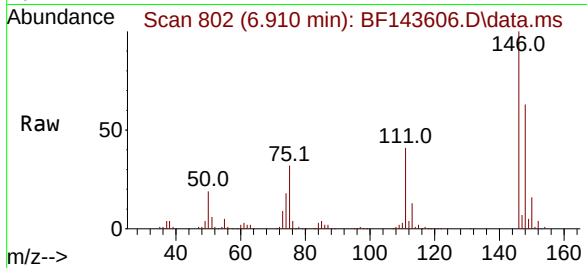
Tgt Ion:146 Resp: 328302

Ion Ratio Lower Upper

146 100

148 63.2 50.6 75.8

111 40.5 32.4 48.6



#14

1,2-Dichlorobenzene

Concen: 39.550 ng

RT: 7.063 min Scan# 828

Delta R.T. 0.000 min

Lab File: BF143606.D

Acq: 28 Aug 2025 13:13

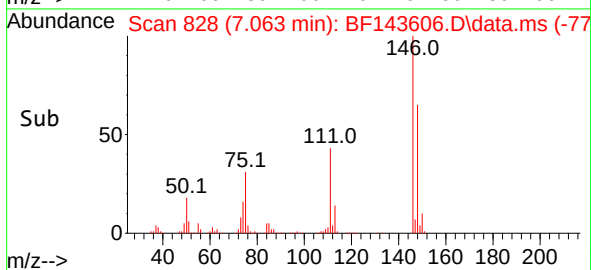
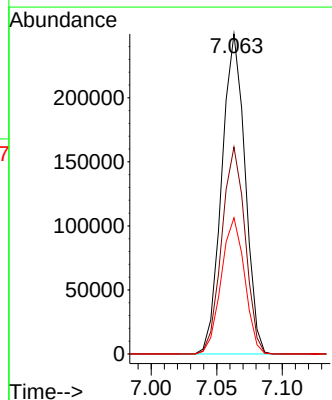
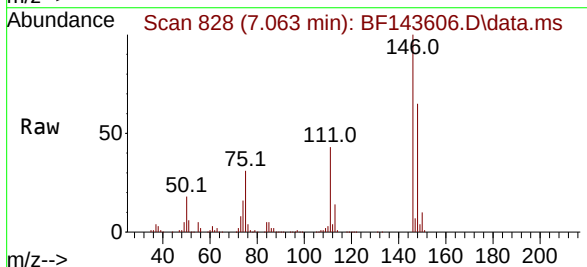
Tgt Ion:146 Resp: 308211

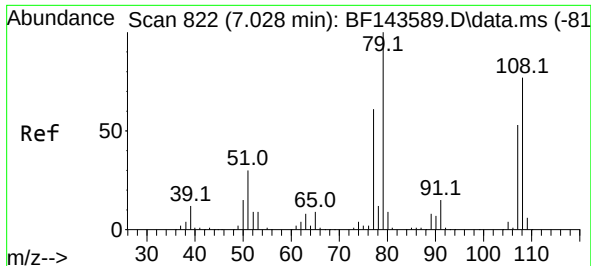
Ion Ratio Lower Upper

146 100

148 64.7 51.7 77.5

111 42.5 34.7 52.1





#15
Benzyl Alcohol
Concen: 40.807 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

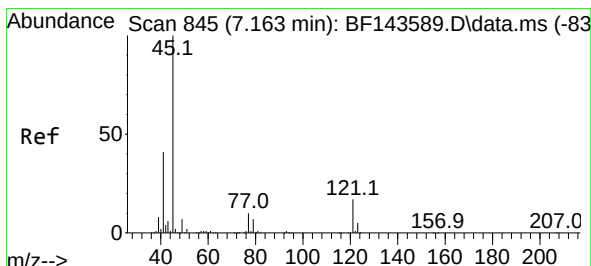
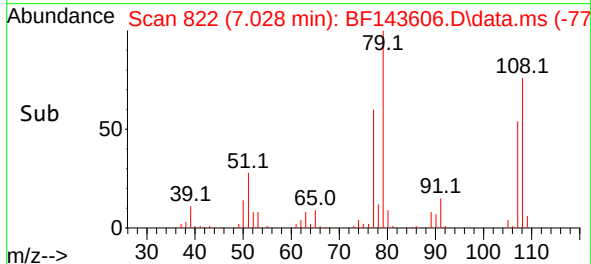
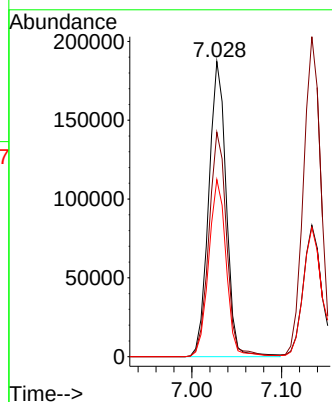
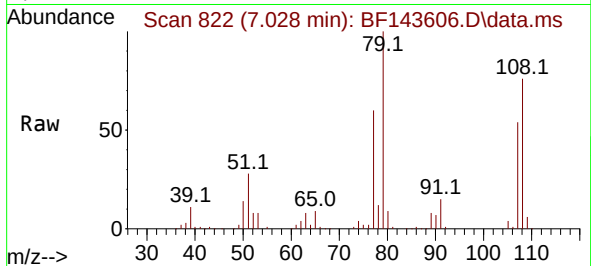
Instrument :

BNA_F

ClientSampleId :

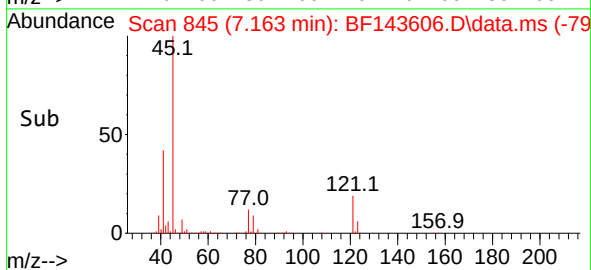
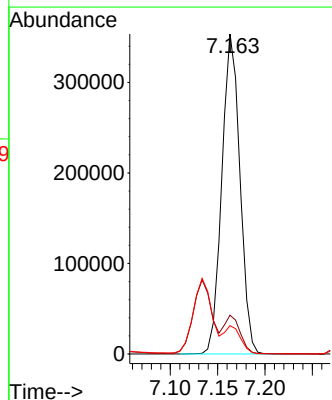
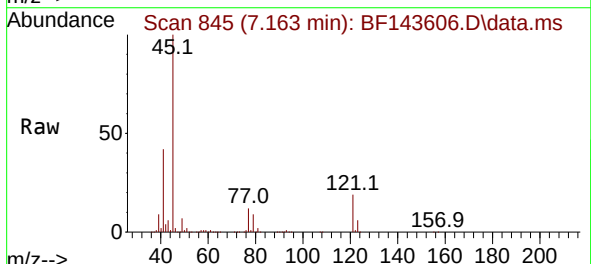
SSTDCCC040

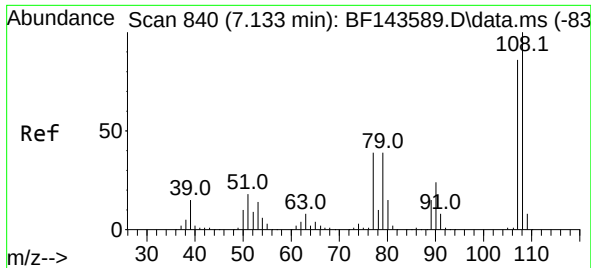
Tgt Ion: 79 Resp: 253958
Ion Ratio Lower Upper
79 100
108 76.0 61.3 91.9
77 60.0 48.7 73.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.683 ng
RT: 7.163 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

Tgt Ion: 45 Resp: 470064
Ion Ratio Lower Upper
45 100
77 12.1 0.0 31.1
79 8.9 0.0 28.1



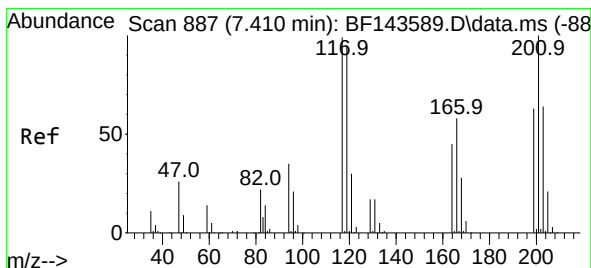
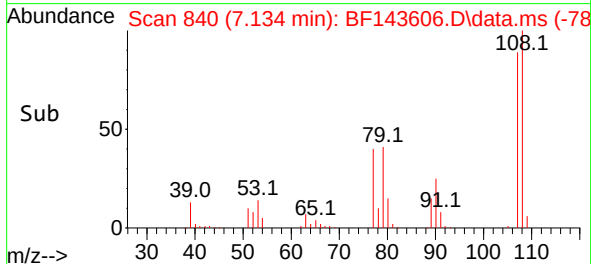
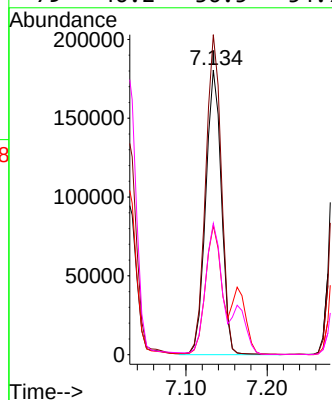
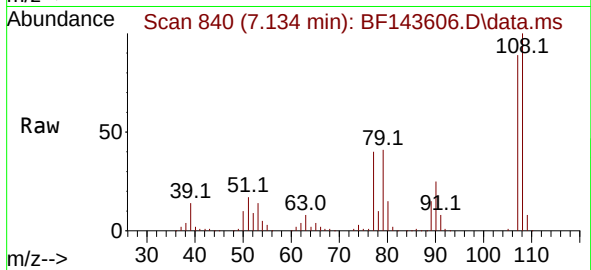


#17
2-Methylphenol
Concen: 40.191 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 242019

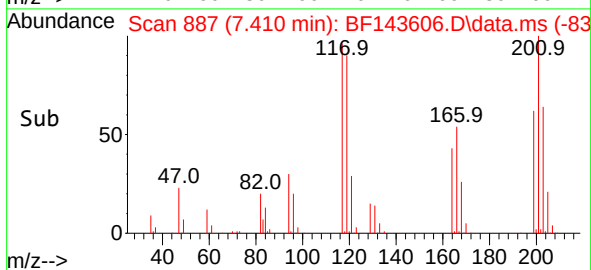
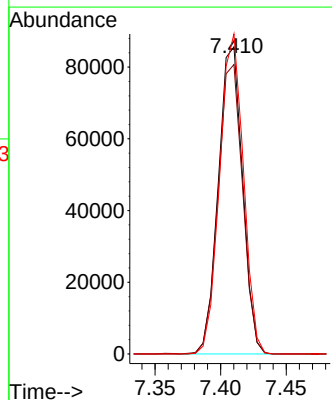
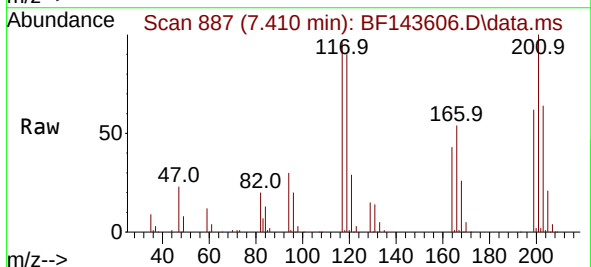
Ion	Ratio	Lower	Upper
107	100		
108	112.4	92.6	138.8
77	45.4	36.3	54.5
79	46.2	36.5	54.7

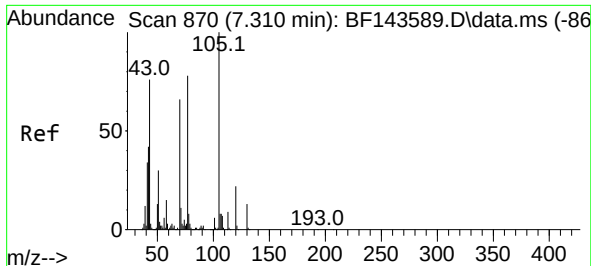


#18
Hexachloroethane
Concen: 42.222 ng
RT: 7.410 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

Tgt Ion:117 Resp: 110223

Ion	Ratio	Lower	Upper
117	100		
119	94.2	76.6	115.0
201	104.2	81.0	121.4



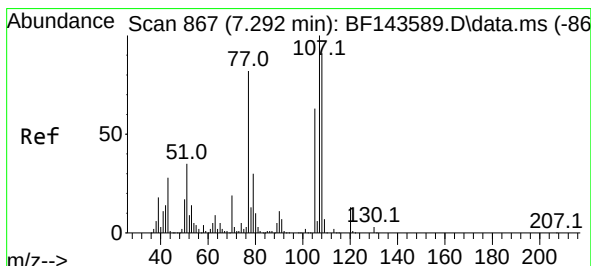
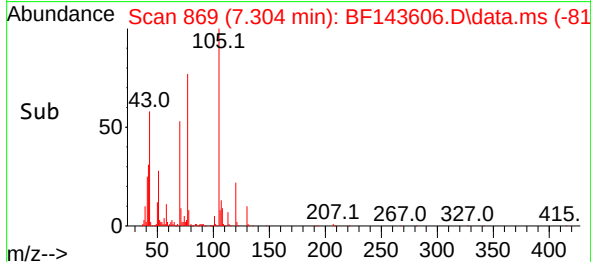
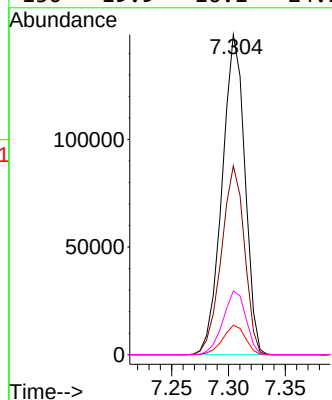
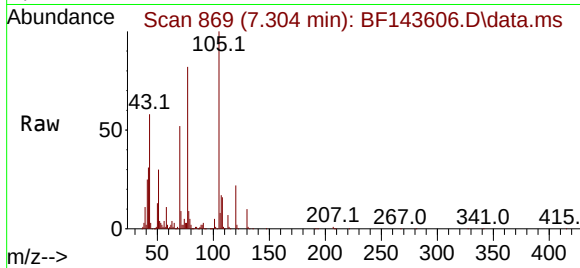


#19
n-Nitroso-di-n-propylamine
Concen: 39.457 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 207566

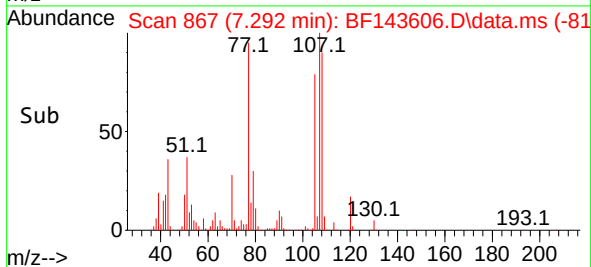
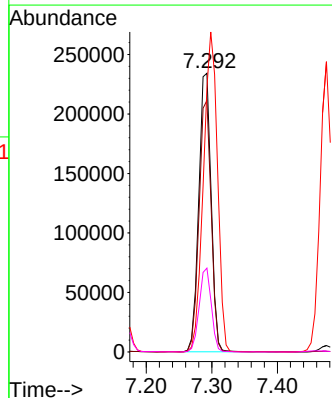
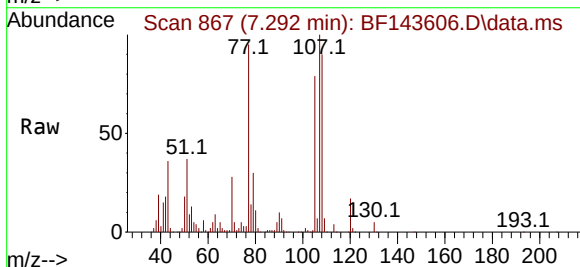
Ion	Ratio	Lower	Upper
70	100		
42	59.0	50.6	75.8
101	9.2	7.5	11.3
130	19.9	16.1	24.1

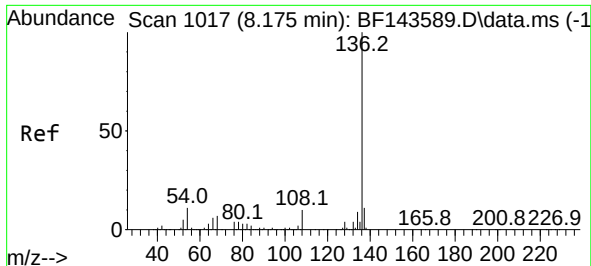


#20
3+4-Methylphenols
Concen: 41.504 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

Tgt Ion: 107 Resp: 306959

Ion	Ratio	Lower	Upper
107	100		
108	90.2	71.1	111.1
77	94.7	62.5	102.5
79	30.1	9.6	49.6



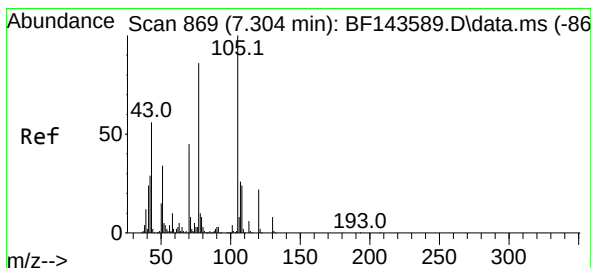
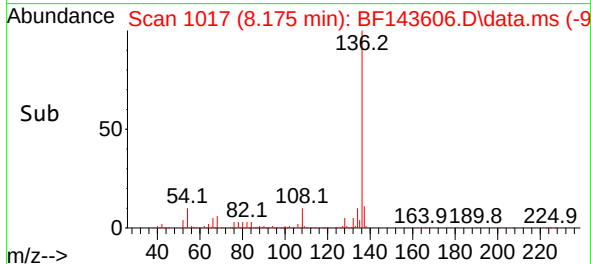
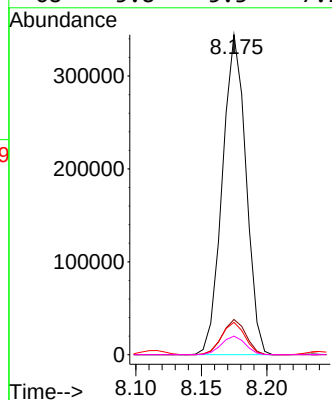
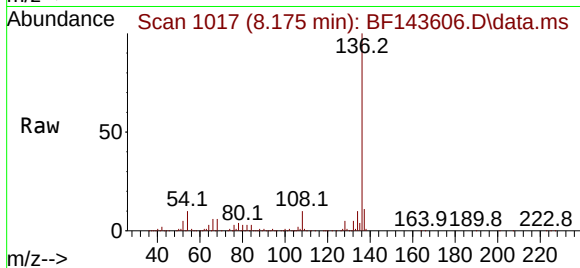


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 431122

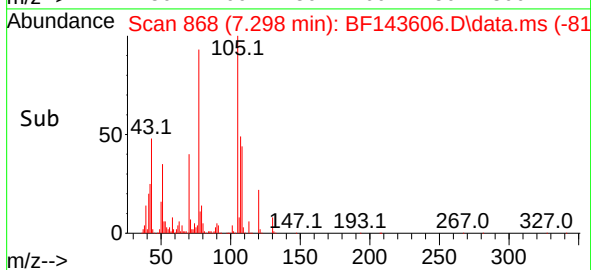
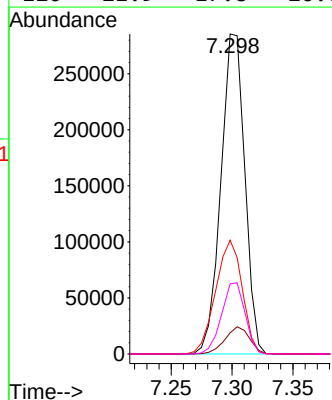
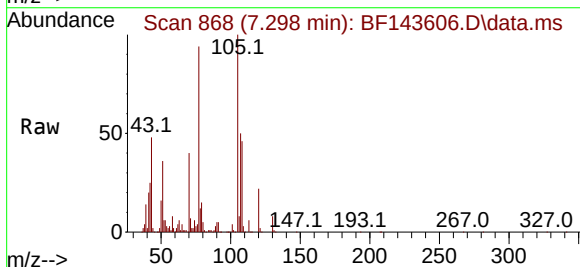
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	10.1	9.0	13.6
68	5.8	5.3	7.9

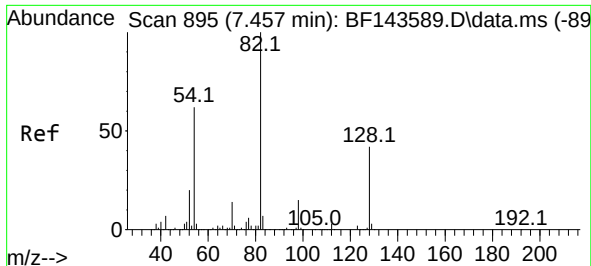


#22
Acetophenone
Concen: 40.175 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

Tgt Ion:105 Resp: 390064

Ion	Ratio	Lower	Upper
105	100		
71	6.6	6.0	9.0
51	35.6	27.0	40.6
120	21.9	17.8	26.6





#23

Nitrobenzene-d5

Concen: 93.369 ng

RT: 7.457 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF143606.D

Acq: 28 Aug 2025 13:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

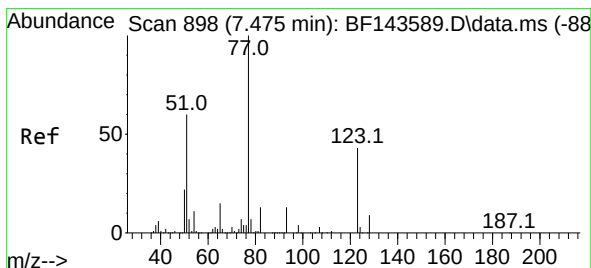
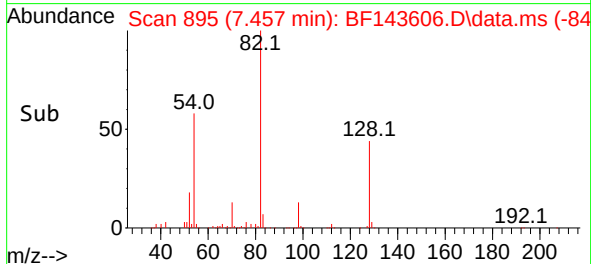
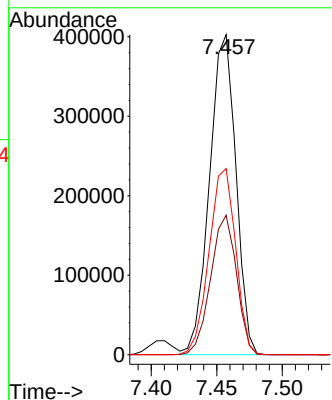
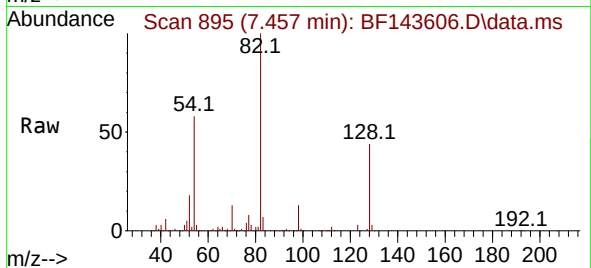
Tgt Ion: 82 Resp: 563766

Ion Ratio Lower Upper

82 100

128 43.6 33.4 50.2

54 58.2 49.3 73.9



#24

Nitrobenzene

Concen: 46.278 ng

RT: 7.475 min Scan# 898

Delta R.T. 0.000 min

Lab File: BF143606.D

Acq: 28 Aug 2025 13:13

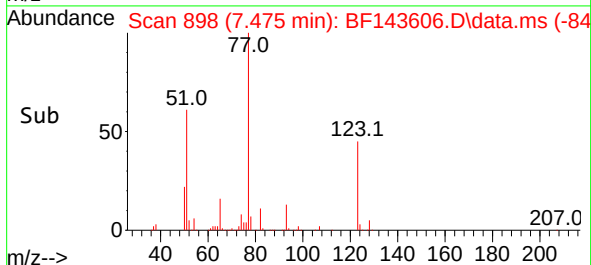
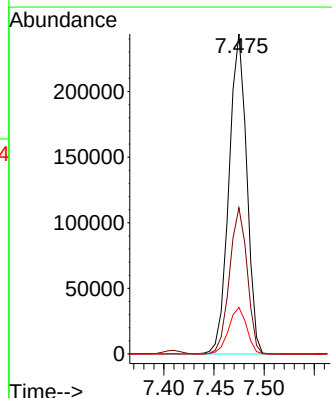
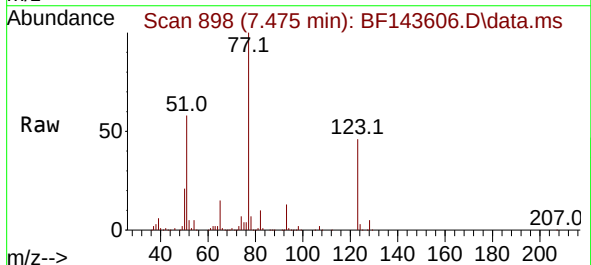
Tgt Ion: 77 Resp: 299582

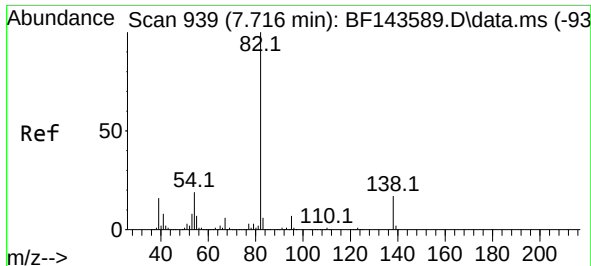
Ion Ratio Lower Upper

77 100

123 45.7 34.9 52.3

65 14.6 12.0 18.0

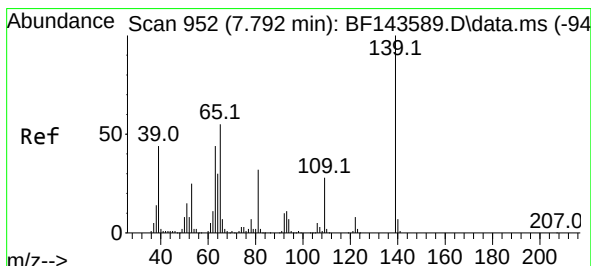
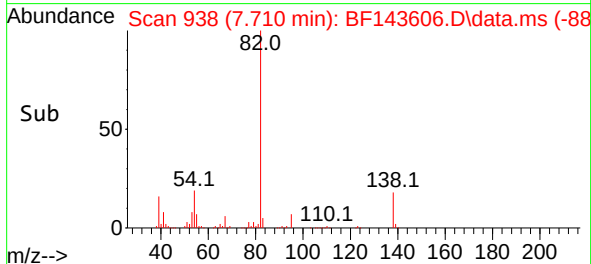
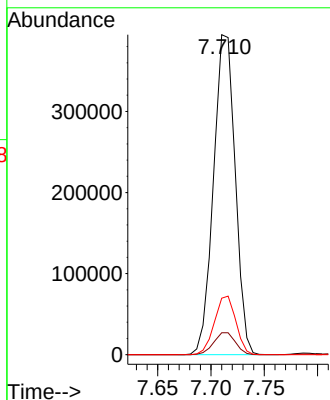
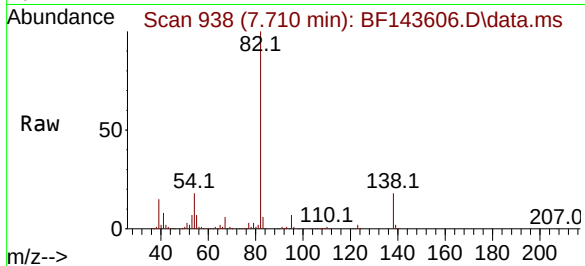




#25
Isophorone
Concen: 39.584 ng
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

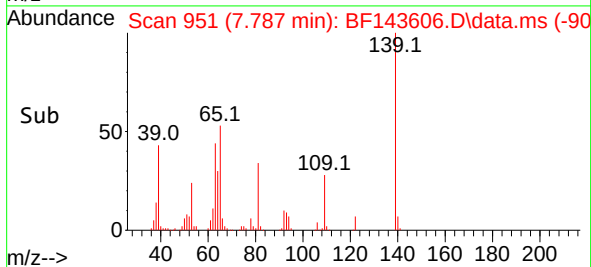
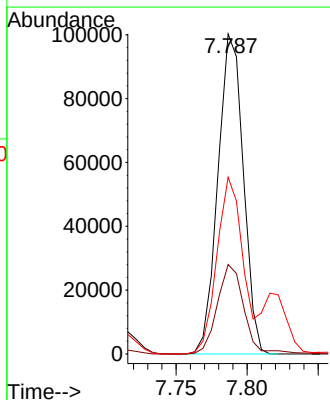
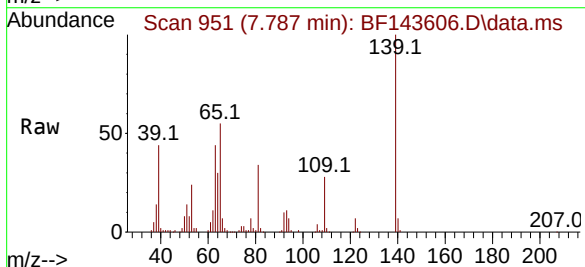
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

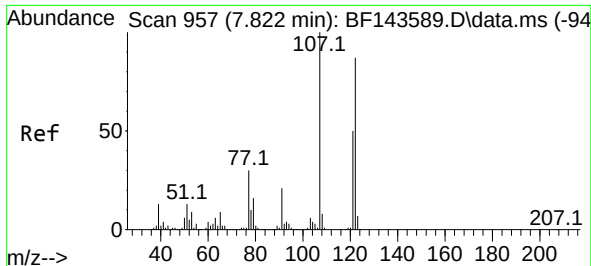
Tgt Ion: 82 Resp: 559324
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.7 13.8 20.8



#26
2-Nitrophenol
Concen: 47.306 ng
RT: 7.787 min Scan# 951
Delta R.T. -0.005 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

Tgt Ion: 139 Resp: 124716
Ion Ratio Lower Upper
139 100
109 27.9 22.3 33.5
65 55.2 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 41.466 ng

RT: 7.822 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF143606.D

Acq: 28 Aug 2025 13:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

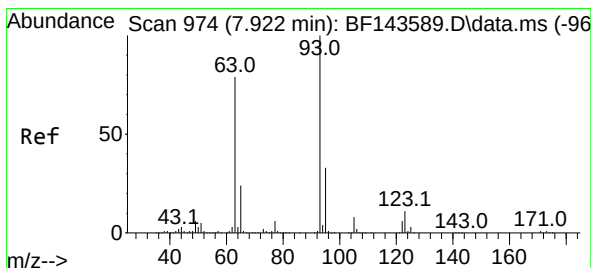
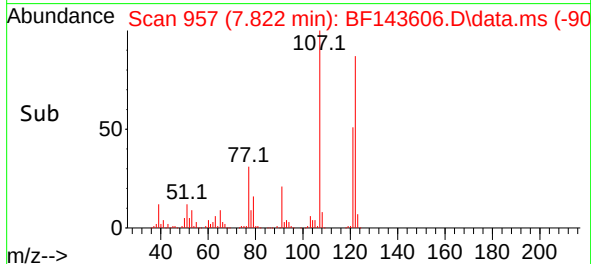
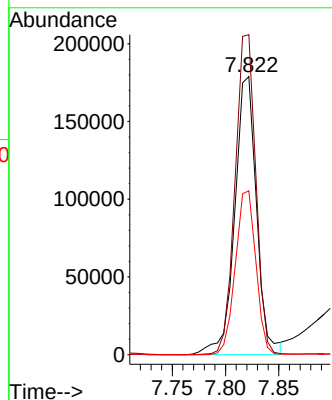
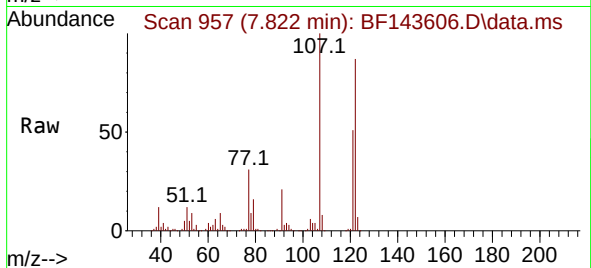
Tgt Ion:122 Resp: 254929

Ion Ratio Lower Upper

122 100

107 115.1 92.1 138.1

121 59.0 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 39.668 ng

RT: 7.922 min Scan# 974

Delta R.T. 0.000 min

Lab File: BF143606.D

Acq: 28 Aug 2025 13:13

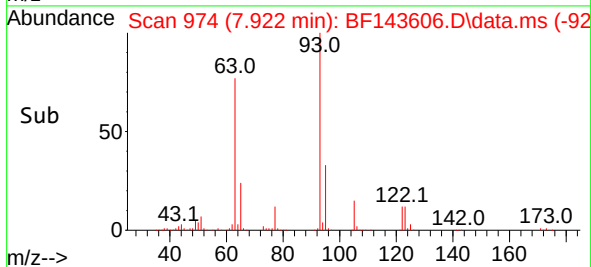
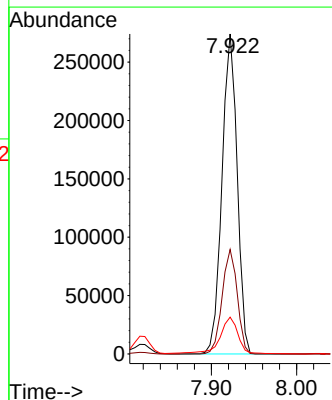
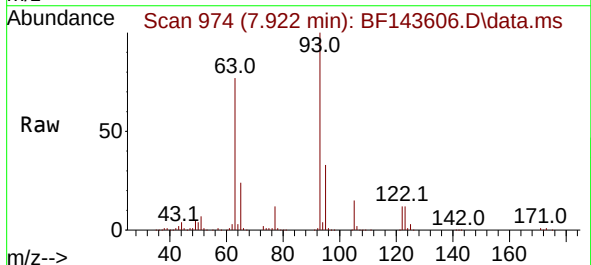
Tgt Ion: 93 Resp: 339119

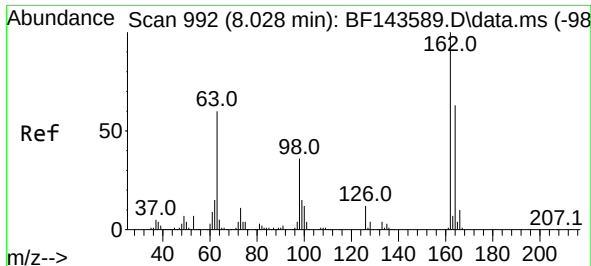
Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.2

123 11.5 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 42.965 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143606.D

Acq: 28 Aug 2025 13:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

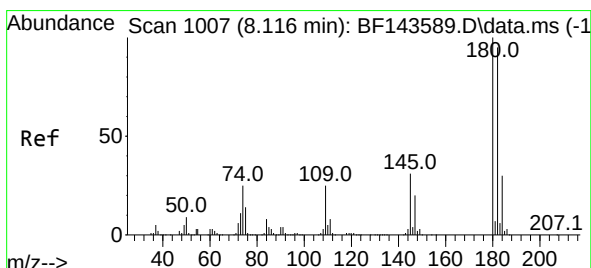
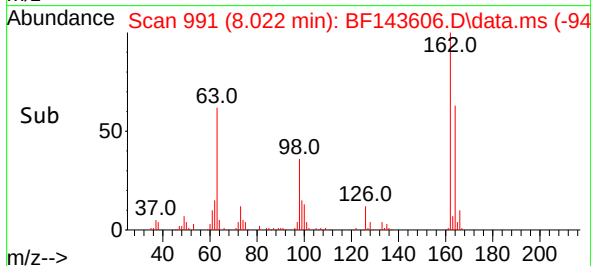
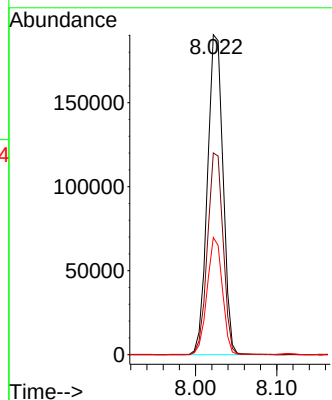
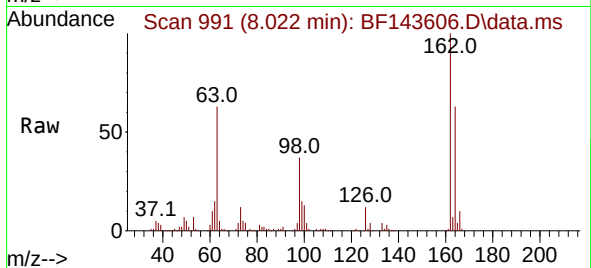
Tgt Ion:162 Resp: 254500

Ion Ratio Lower Upper

162 100

164 63.1 43.3 83.3

98 36.6 16.1 56.1



#30

1,2,4-Trichlorobenzene

Concen: 41.618 ng

RT: 8.116 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF143606.D

Acq: 28 Aug 2025 13:13

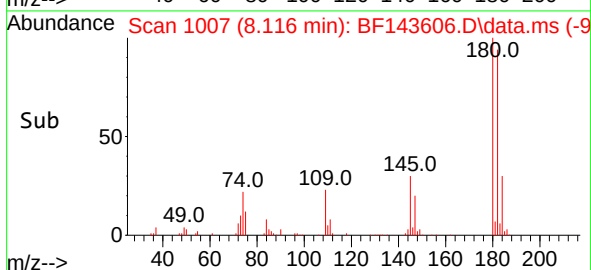
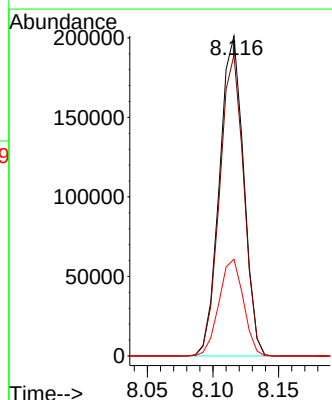
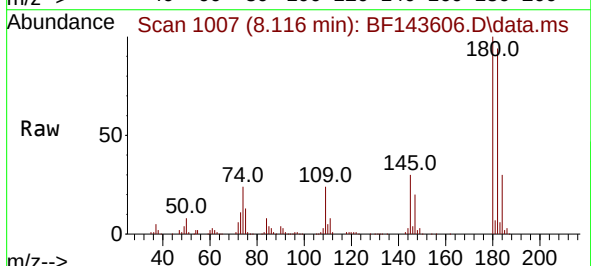
Tgt Ion:180 Resp: 257395

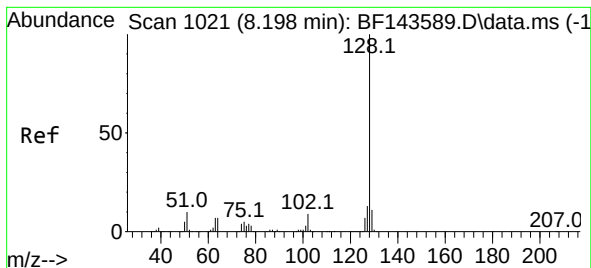
Ion Ratio Lower Upper

180 100

182 94.0 75.8 113.6

145 30.2 24.5 36.7





#31

Naphthalene

Concen: 40.317 ng

RT: 8.198 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BF143606.D

Acq: 28 Aug 2025 13:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

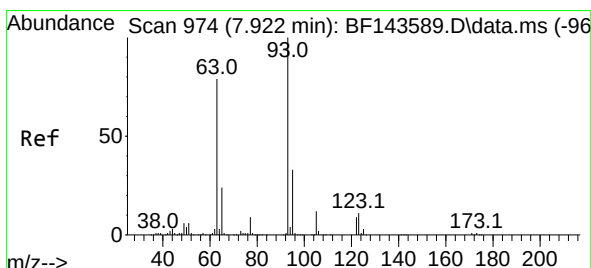
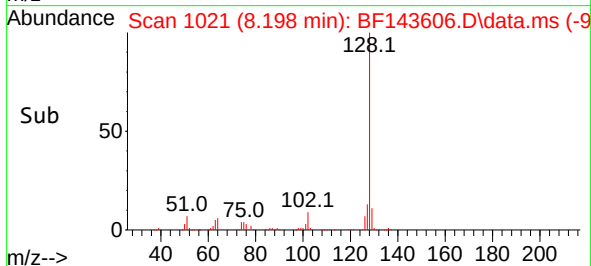
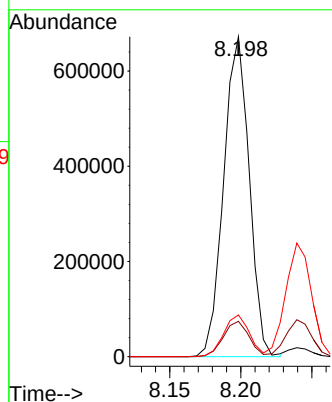
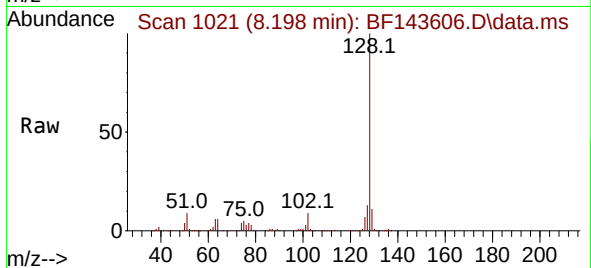
Tgt Ion:128 Resp: 839777

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.4

127 13.1 10.6 15.8



#32

Benzoic acid

Concen: 45.840 ng

RT: 7.916 min Scan# 973

Delta R.T. -0.006 min

Lab File: BF143606.D

Acq: 28 Aug 2025 13:13

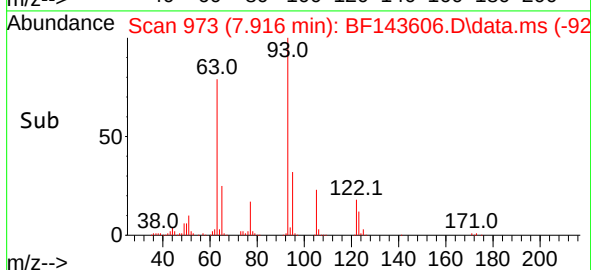
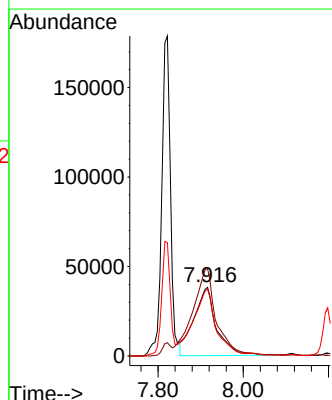
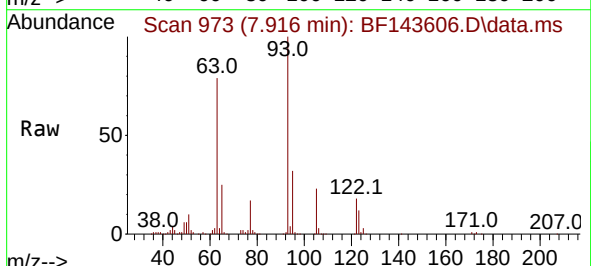
Tgt Ion:122 Resp: 141749

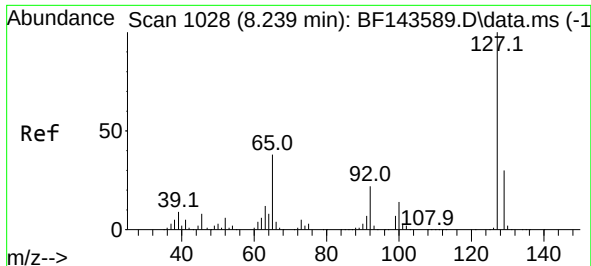
Ion Ratio Lower Upper

122 100

105 127.6 106.4 146.4

77 97.2 79.3 119.3

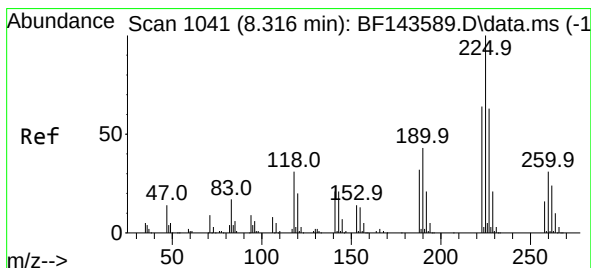
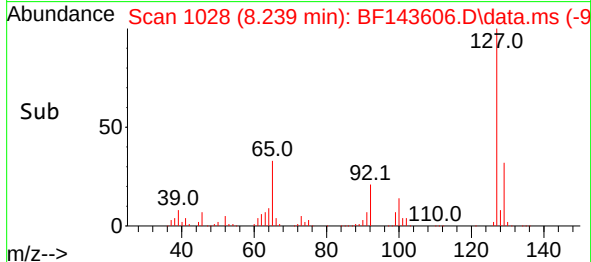
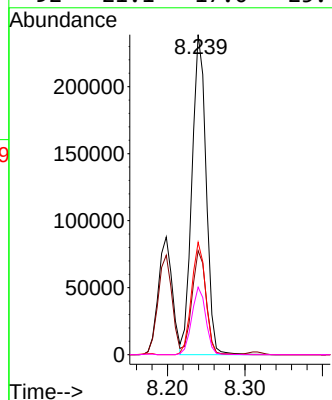
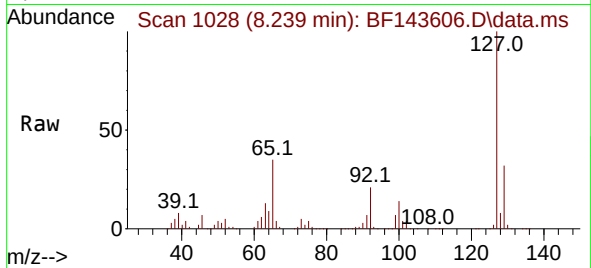




#33
4-Chloroaniline
Concen: 41.123 ng
RT: 8.239 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

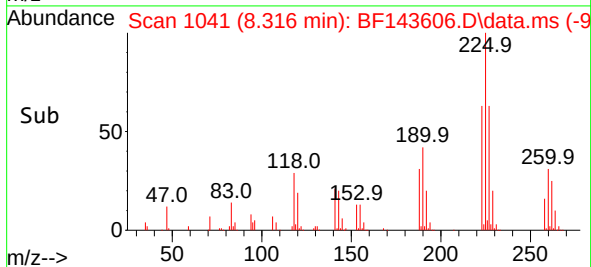
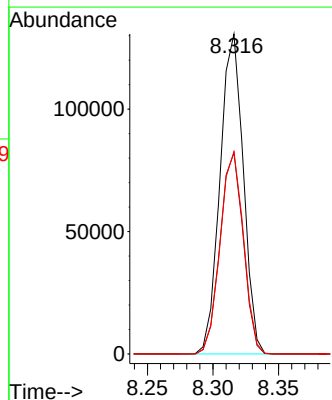
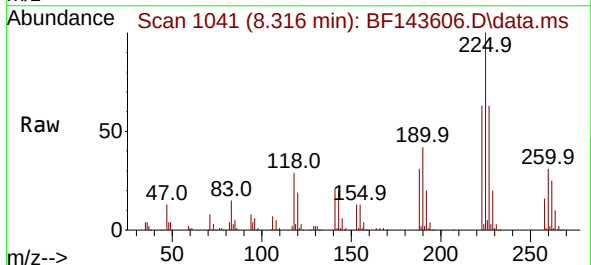
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

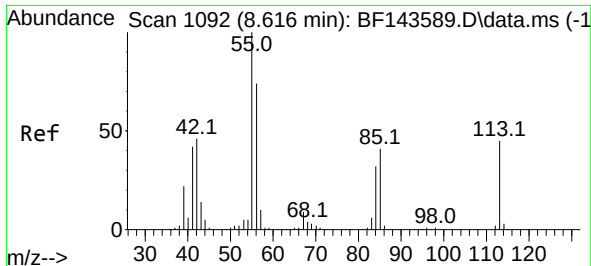
Tgt Ion:	127	Resp:	302615
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.8	38.6
65	35.1	29.7	44.5
92	21.1	17.0	25.4



#34
Hexachlorobutadiene
Concen: 41.312 ng
RT: 8.316 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

Tgt Ion:	225	Resp:	160998
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.8	76.2
227	63.3	50.6	76.0

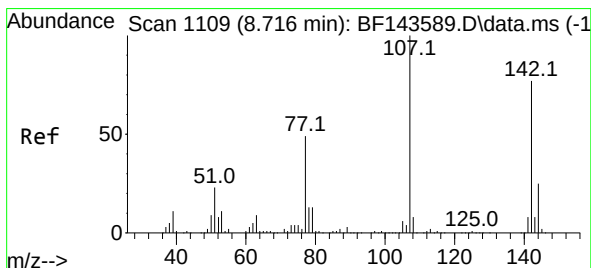
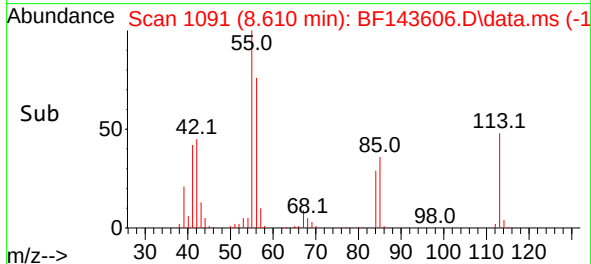
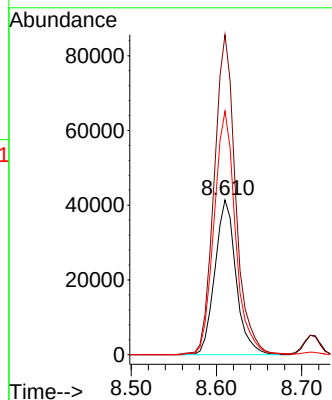
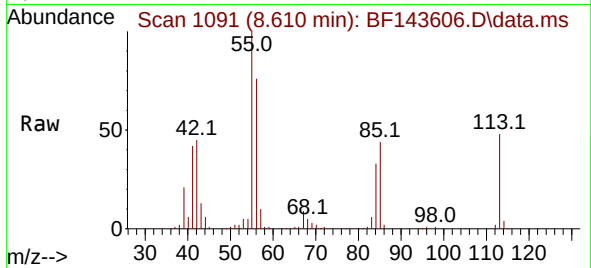




#35
 Caprolactam
 Concen: 42.355 ng
 RT: 8.610 min Scan# 1108
 Delta R.T. -0.006 min
 Lab File: BF143606.D
 Acq: 28 Aug 2025 13:13

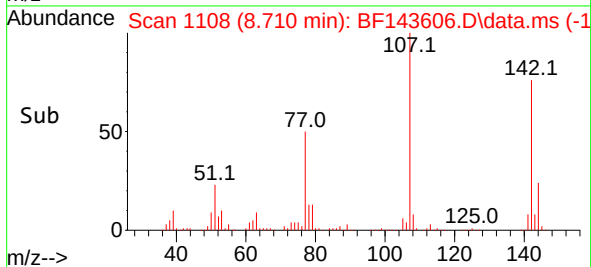
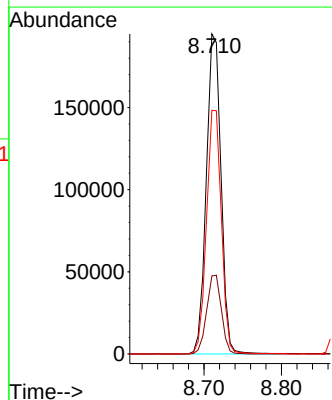
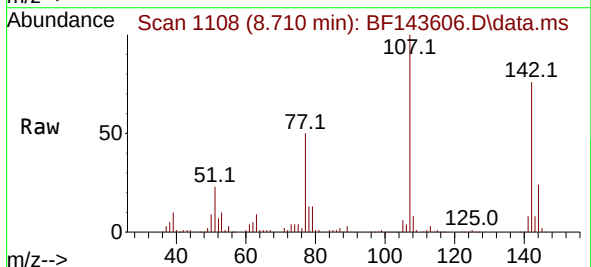
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

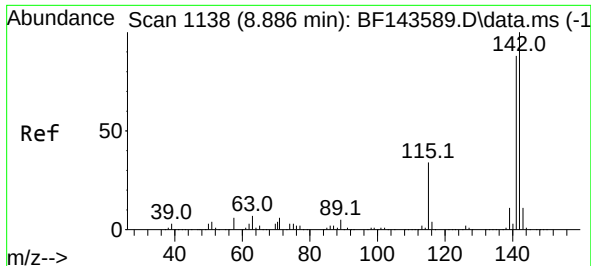
Tgt Ion:113 Resp: 71277
 Ion Ratio Lower Upper
 113 100
 55 206.8 202.1 242.1
 56 157.4 145.4 185.4



#36
 4-Chloro-3-methylphenol
 Concen: 41.502 ng
 RT: 8.710 min Scan# 1108
 Delta R.T. -0.006 min
 Lab File: BF143606.D
 Acq: 28 Aug 2025 13:13

Tgt Ion:107 Resp: 257014
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.8 29.6
 142 76.2 61.7 92.5

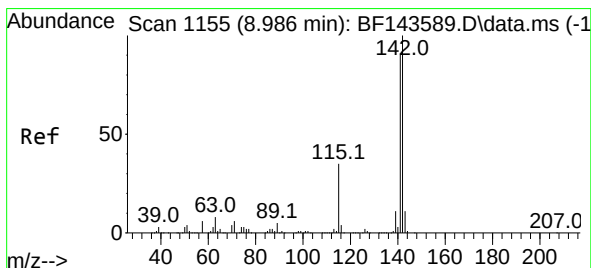
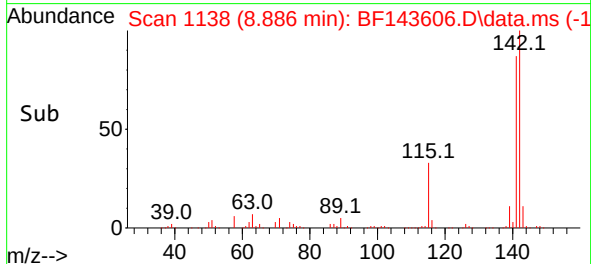
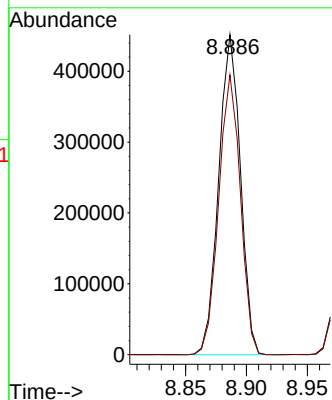
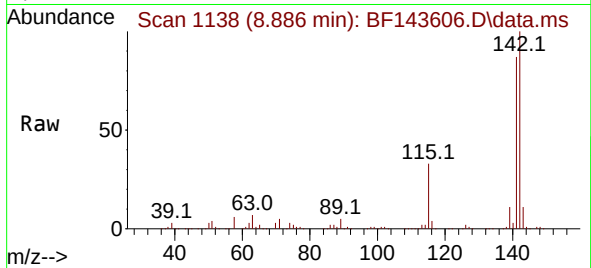




#37
2-Methylnaphthalene
Concen: 40.776 ng
RT: 8.886 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

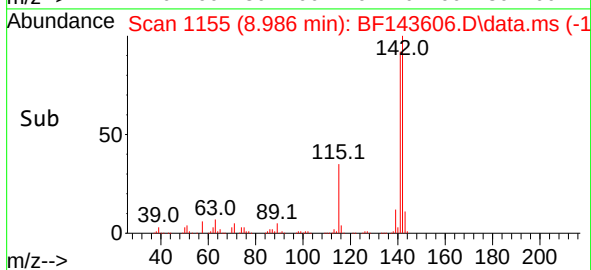
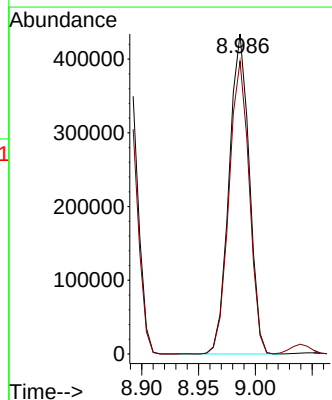
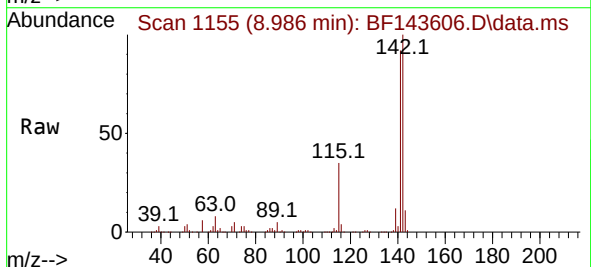
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

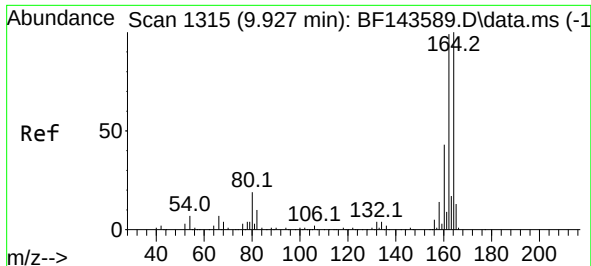
Tgt Ion:142 Resp: 560904
Ion Ratio Lower Upper
142 100
141 87.4 70.2 105.4



#38
1-Methylnaphthalene
Concen: 40.401 ng
RT: 8.986 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

Tgt Ion:142 Resp: 536356
Ion Ratio Lower Upper
142 100
141 91.5 72.6 109.0

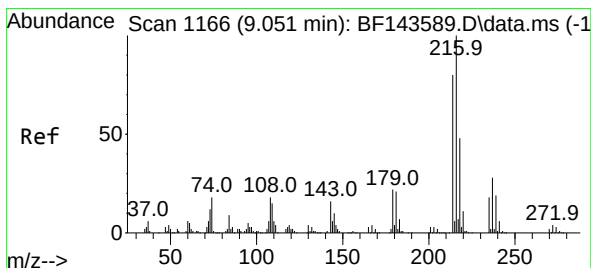
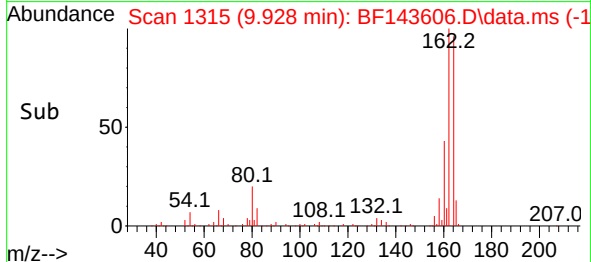
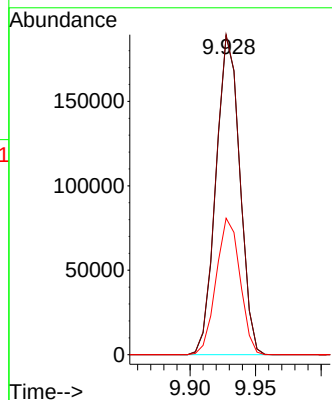
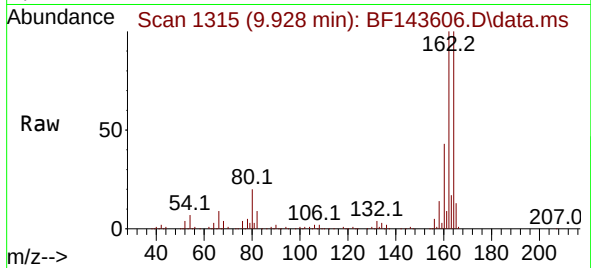




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1115
Delta R.T. 0.001 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

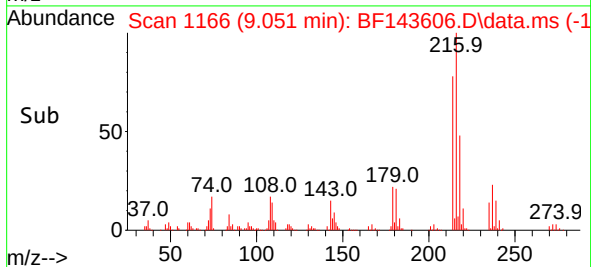
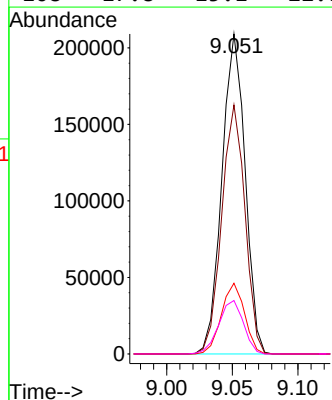
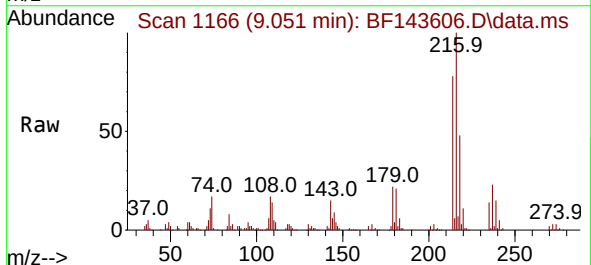
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

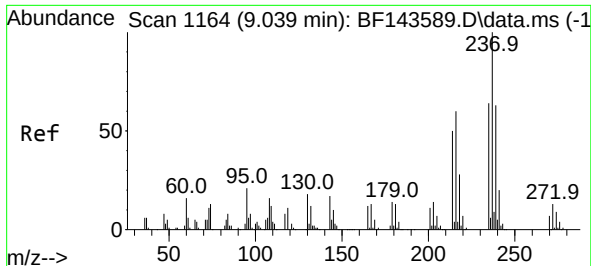
Tgt Ion:164 Resp: 238148
Ion Ratio Lower Upper
164 100
162 100.4 79.5 119.3
160 42.8 34.2 51.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.528 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

Tgt Ion:216 Resp: 257243
Ion Ratio Lower Upper
216 100
214 77.9 64.1 96.1
179 22.0 17.4 26.0
108 17.8 15.1 22.7

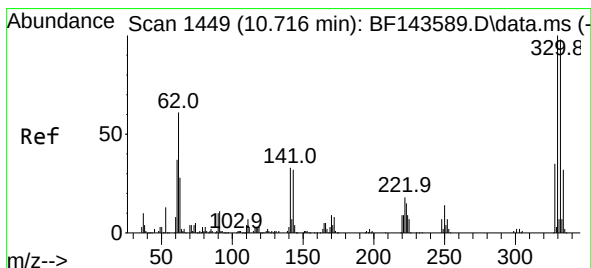
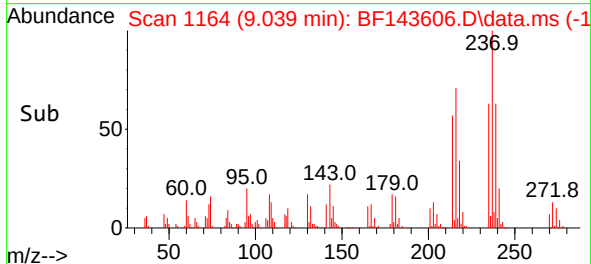
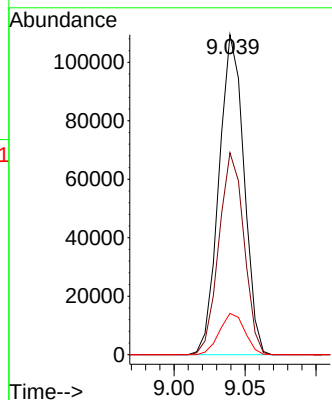
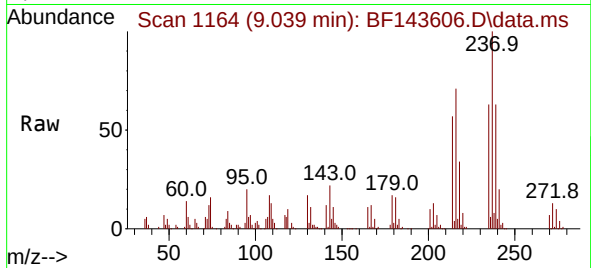




#41
Hexachlorocyclopentadiene
Concen: 43.959 ng
RT: 9.039 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

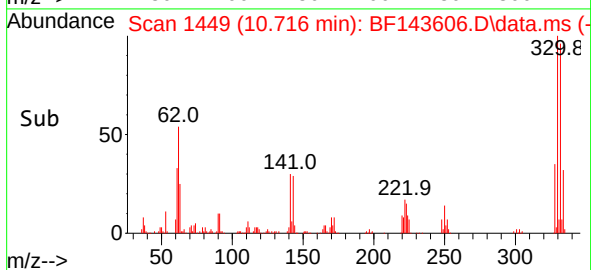
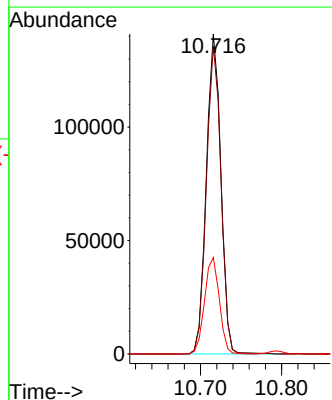
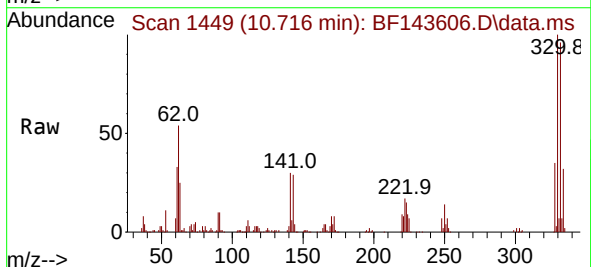
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

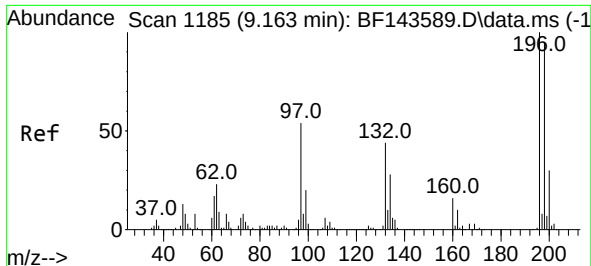
Tgt Ion:237 Resp: 133957
Ion Ratio Lower Upper
237 100
235 63.1 43.8 83.8
272 12.9 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 93.965 ng
RT: 10.716 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

Tgt Ion:330 Resp: 174996
Ion Ratio Lower Upper
330 100
332 96.3 78.2 117.4
141 30.6 25.4 38.0





#43

2,4,6-Trichlorophenol

Concen: 42.869 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF143606.D

Acq: 28 Aug 2025 13:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

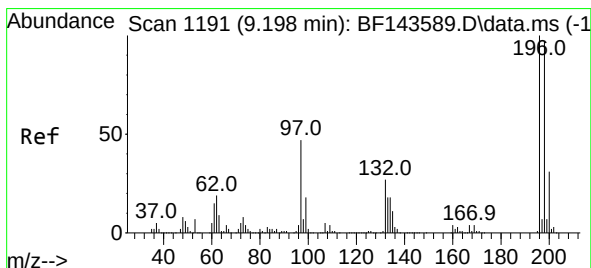
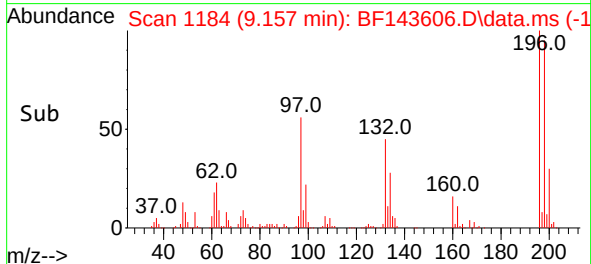
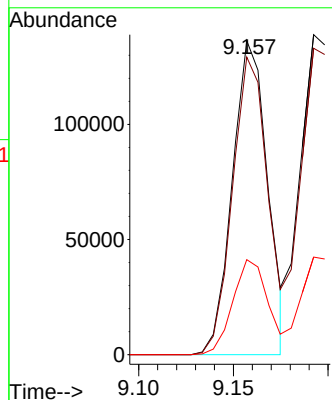
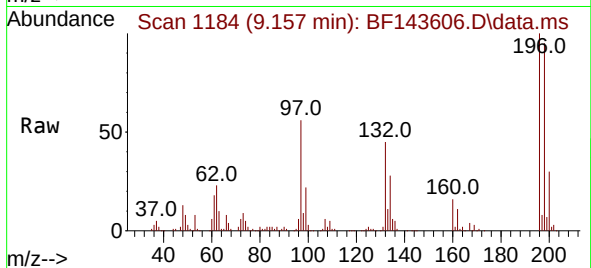
Tgt Ion:196 Resp: 175472

Ion Ratio Lower Upper

196 100

198 94.7 75.8 113.6

200 30.3 24.2 36.4



#44

2,4,5-Trichlorophenol

Concen: 44.614 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF143606.D

Acq: 28 Aug 2025 13:13

Tgt Ion:196 Resp: 184527

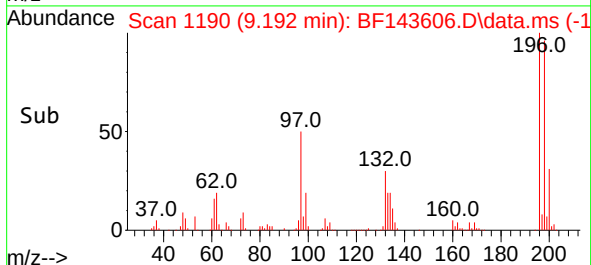
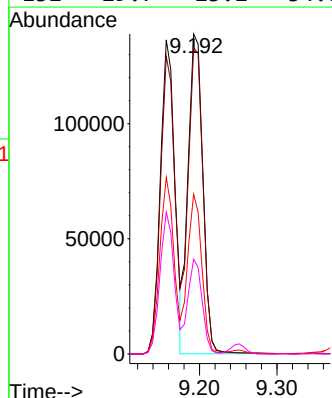
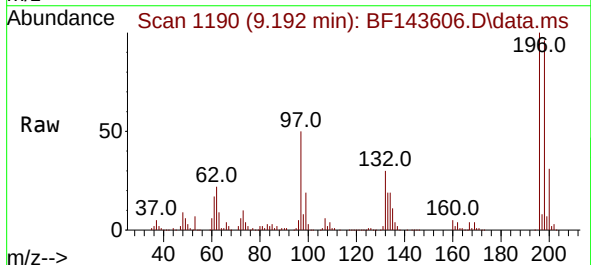
Ion Ratio Lower Upper

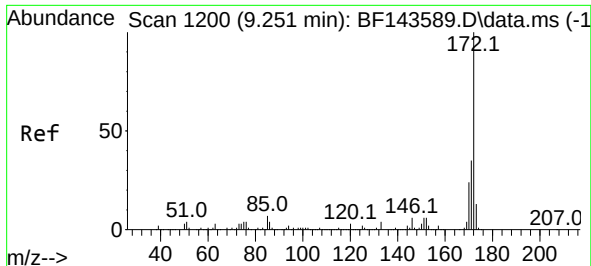
196 100

198 95.8 77.0 115.6

97 50.0 39.3 58.9

132 29.7 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 81.570 ng

RT: 9.251 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143606.D

Acq: 28 Aug 2025 13:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

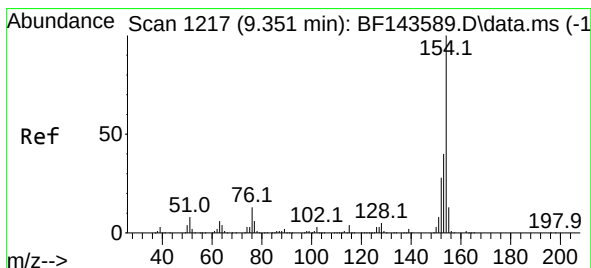
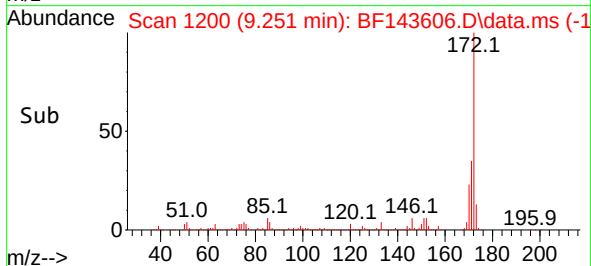
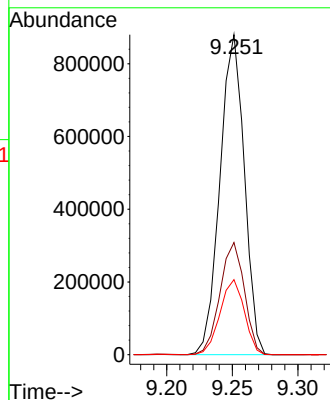
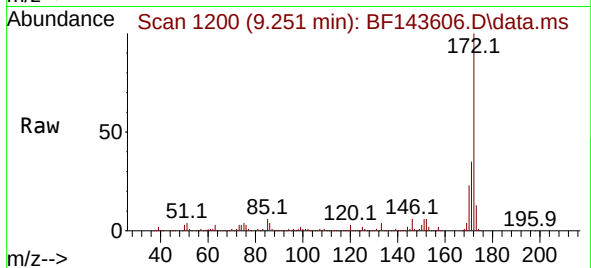
Tgt Ion:172 Resp: 1136162

Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.4 19.0 28.4



#46

1,1'-Biphenyl

Concen: 40.400 ng

RT: 9.351 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF143606.D

Acq: 28 Aug 2025 13:13

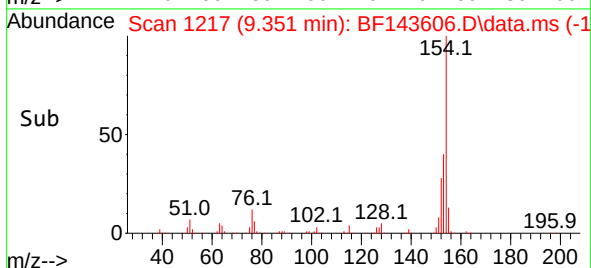
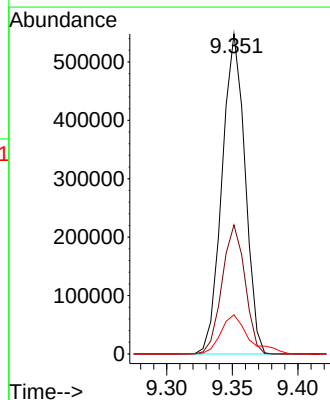
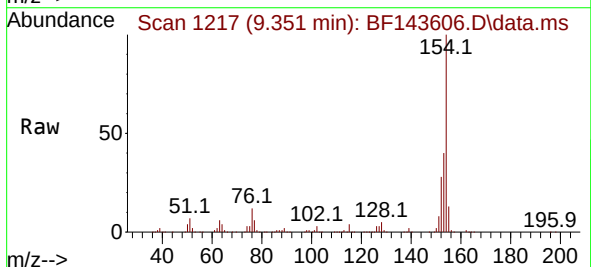
Tgt Ion:154 Resp: 667585

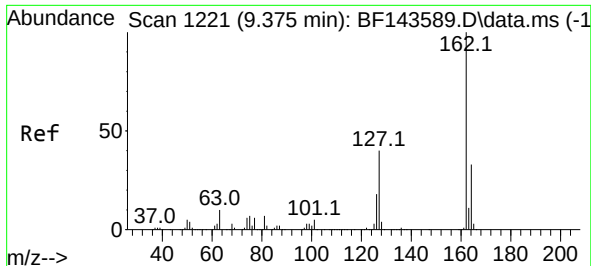
Ion Ratio Lower Upper

154 100

153 40.3 20.1 60.1

76 12.2 0.0 33.0





#47

2-Chloronaphthalene

Concen: 40.578 ng

RT: 9.375 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143606.D

Acq: 28 Aug 2025 13:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

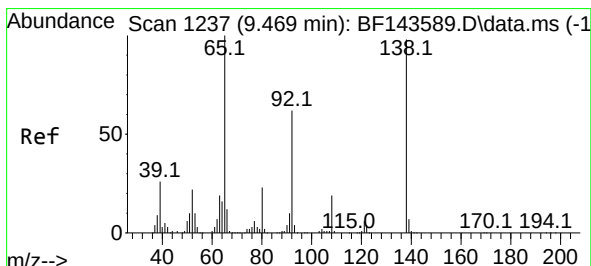
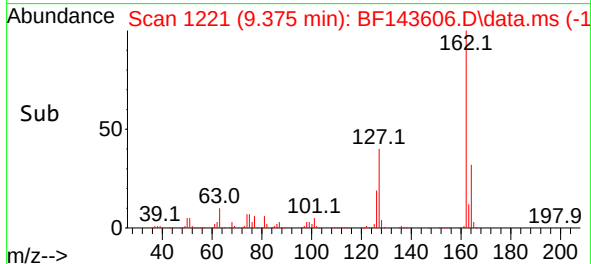
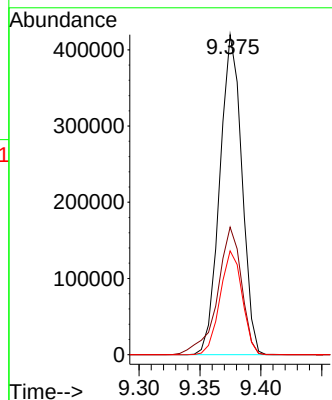
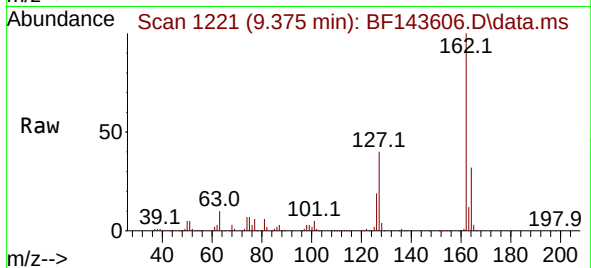
Tgt Ion:162 Resp: 529680

Ion Ratio Lower Upper

162 100

127 39.8 32.6 48.8

164 32.4 26.1 39.1



#48

2-Nitroaniline

Concen: 44.561 ng

RT: 9.469 min Scan# 1237

Delta R.T. -0.000 min

Lab File: BF143606.D

Acq: 28 Aug 2025 13:13

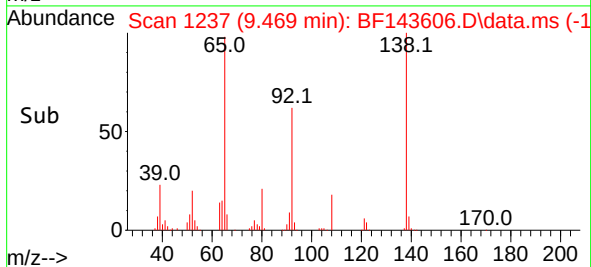
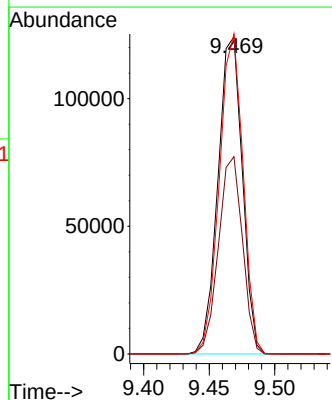
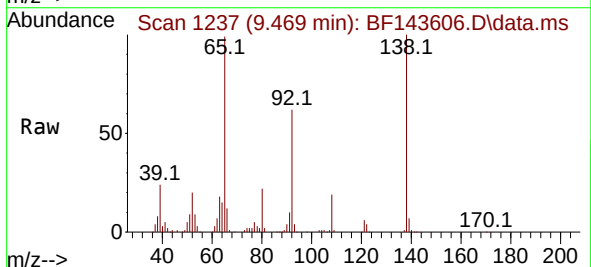
Tgt Ion: 65 Resp: 160331

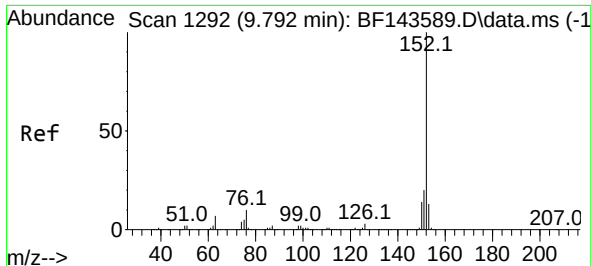
Ion Ratio Lower Upper

65 100

92 62.2 49.6 74.4

138 100.9 78.6 118.0





#49

Acenaphthylene

Concen: 40.709 ng

RT: 9.792 min Scan# 1292

Delta R.T. 0.000 min

Lab File: BF143606.D

Acq: 28 Aug 2025 13:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

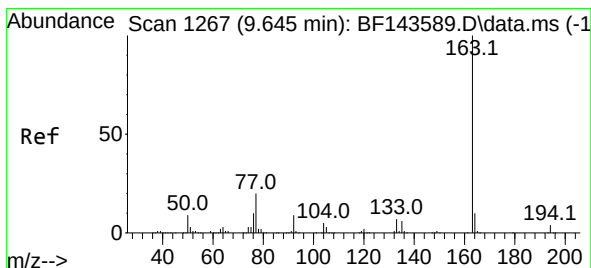
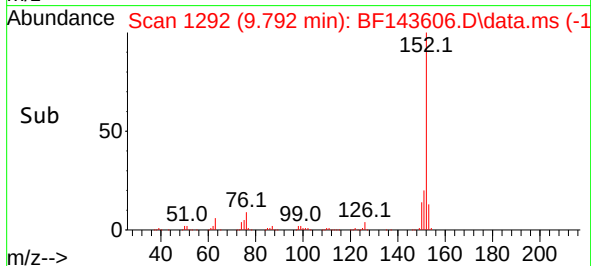
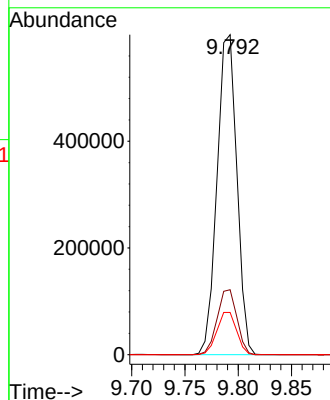
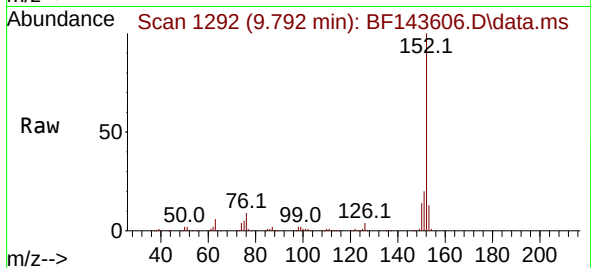
Tgt Ion:152 Resp: 773156

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 41.045 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.000 min

Lab File: BF143606.D

Acq: 28 Aug 2025 13:13

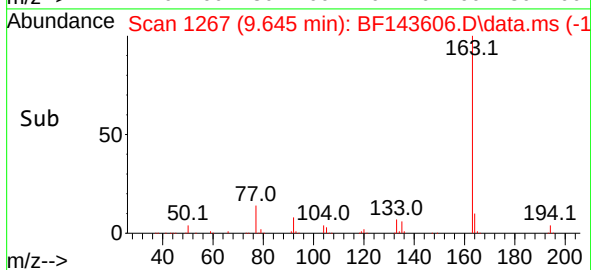
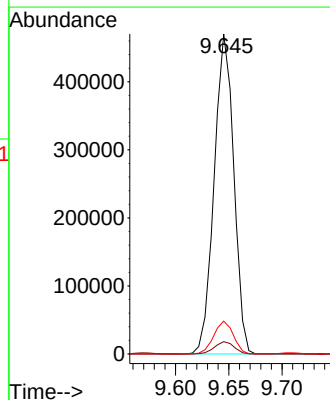
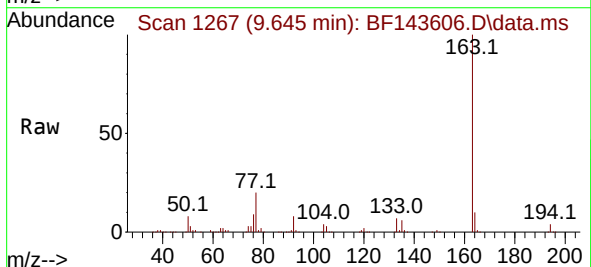
Tgt Ion:163 Resp: 601244

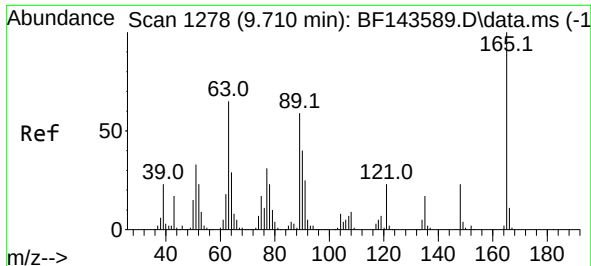
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.3 8.4 12.6

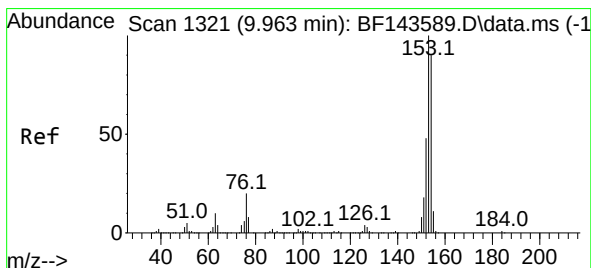
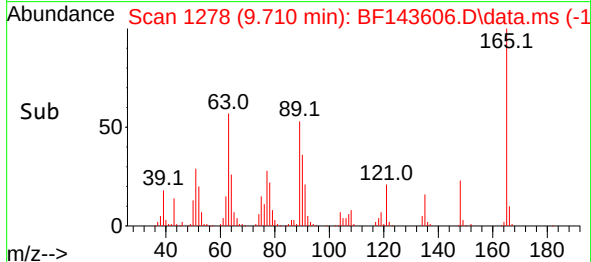
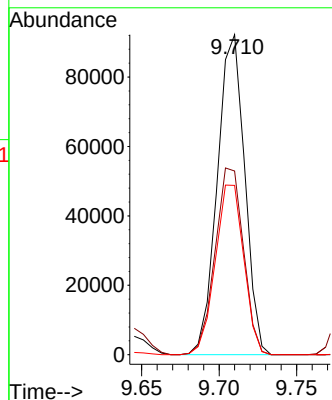
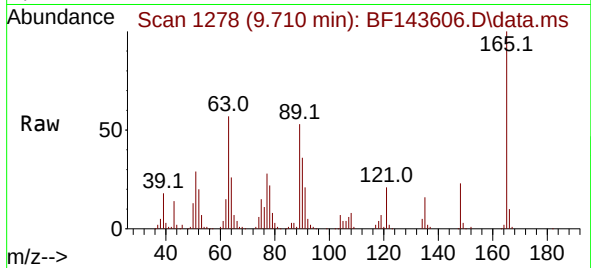




#51
2,6-Dinitrotoluene
Concen: 46.318 ng
RT: 9.710 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

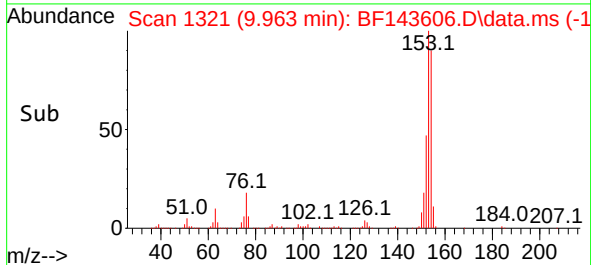
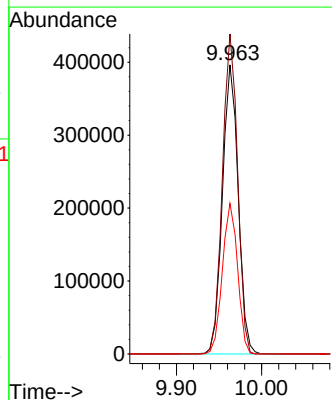
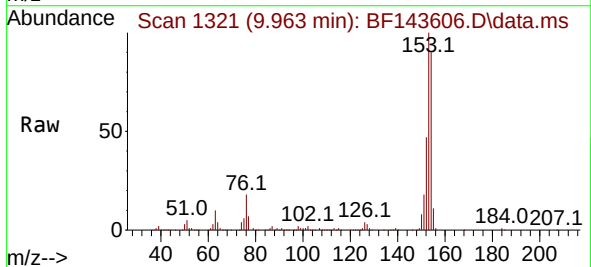
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

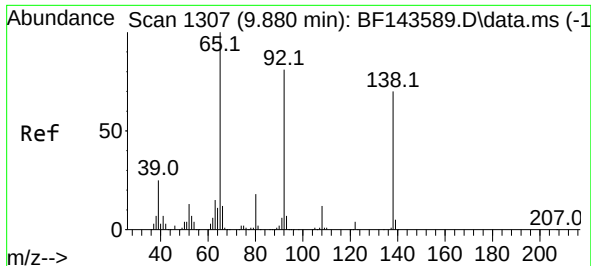
Tgt Ion:165 Resp: 113502
Ion Ratio Lower Upper
165 100
63 57.4 51.8 77.6
89 52.9 47.4 71.2



#52
Acenaphthene
Concen: 40.960 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

Tgt Ion:154 Resp: 509571
Ion Ratio Lower Upper
154 100
153 110.7 89.0 133.4
152 52.1 42.9 64.3

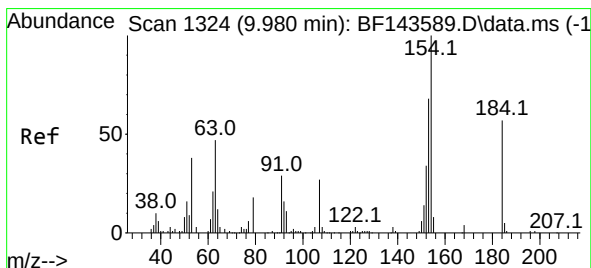
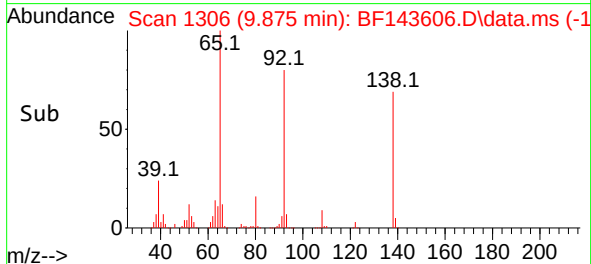
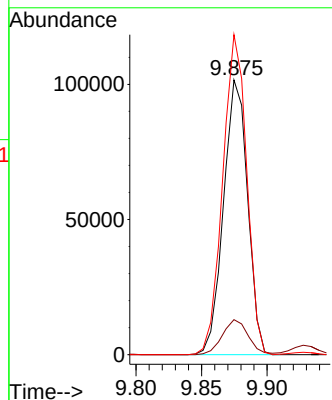
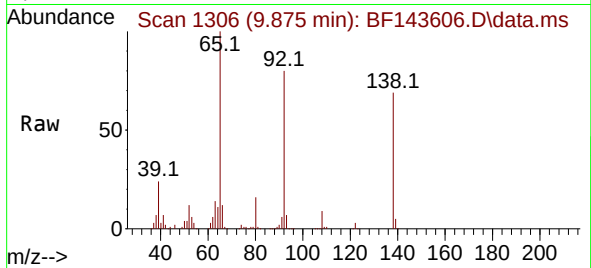




#53
3-Nitroaniline
Concen: 44.974 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

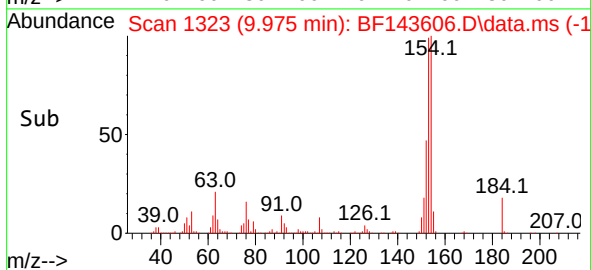
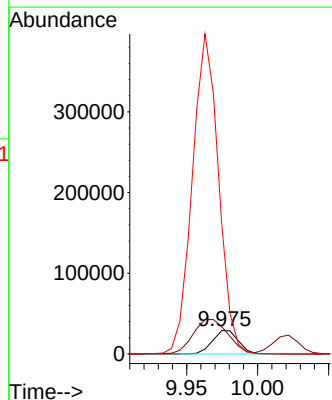
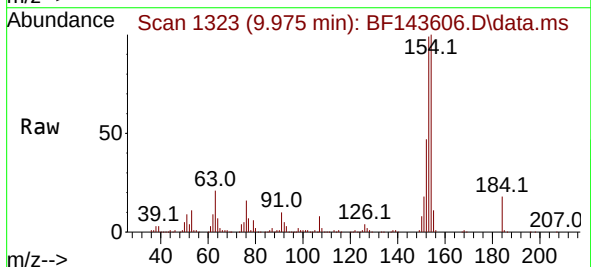
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

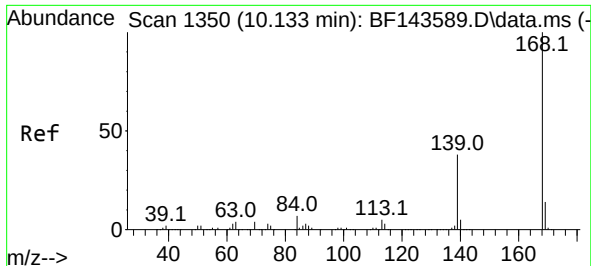
Tgt Ion:138 Resp: 129835
Ion Ratio Lower Upper
138 100
108 12.7 13.8 20.8#
92 116.5 92.6 139.0



#54
2,4-Dinitrophenol
Concen: 49.114 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

Tgt Ion:184 Resp: 36741
Ion Ratio Lower Upper
184 100
63 118.0 80.9 121.3
154 560.8 262.0 393.0#

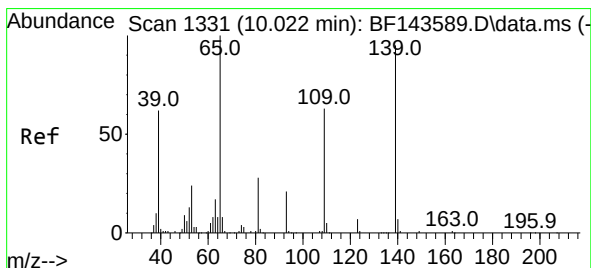
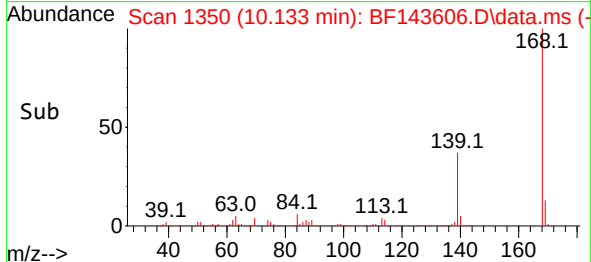
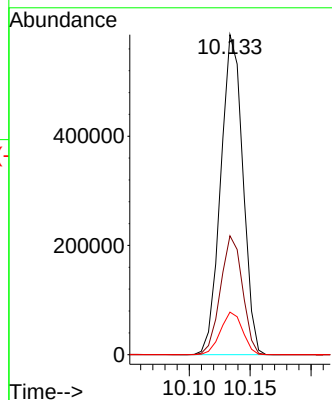
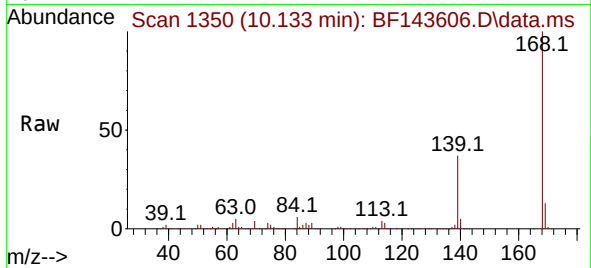




#55
Dibenzenofuran
Concen: 40.696 ng
RT: 10.133 min Scan# 1350
Delta R.T. 0.000 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

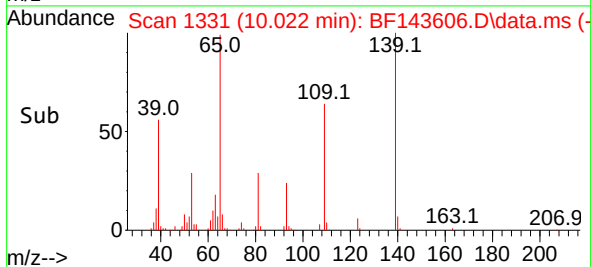
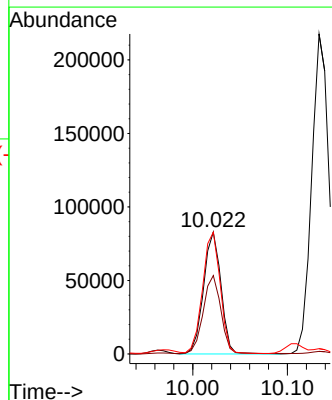
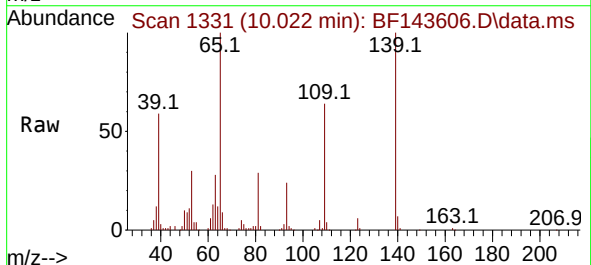
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

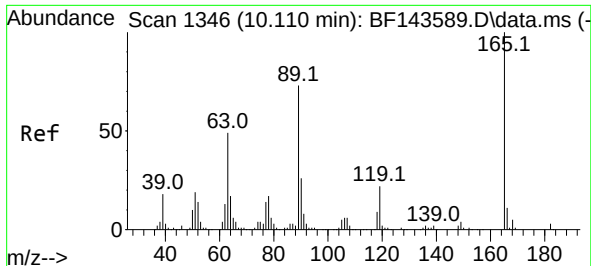
Tgt Ion:168 Resp: 742284
Ion Ratio Lower Upper
168 100
139 37.1 30.6 46.0
169 13.3 10.9 16.3



#56
4-Nitrophenol
Concen: 44.701 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

Tgt Ion:139 Resp: 106397
Ion Ratio Lower Upper
139 100
109 64.4 47.3 87.3
65 99.9 86.8 126.8

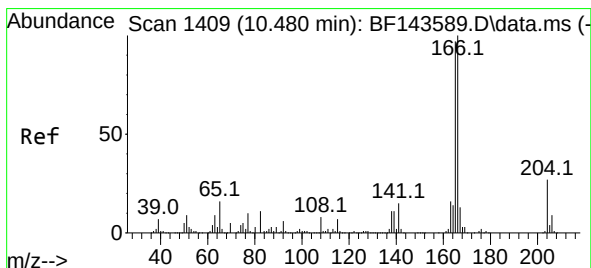
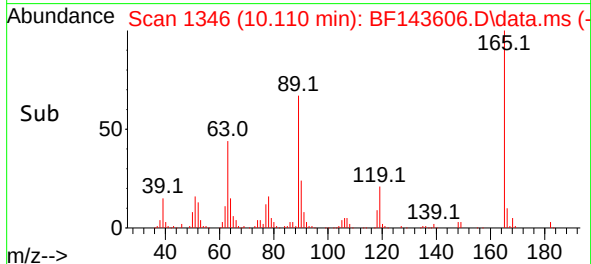
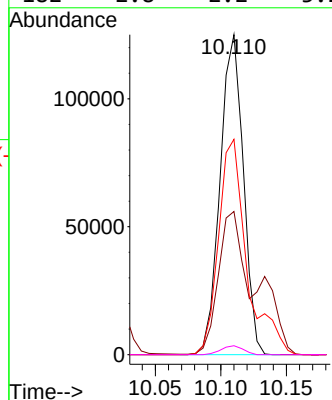
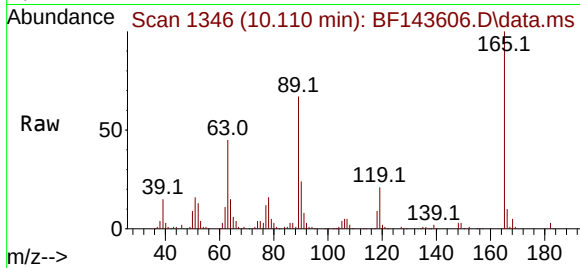




#57
2,4-Dinitrotoluene
Concen: 47.714 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

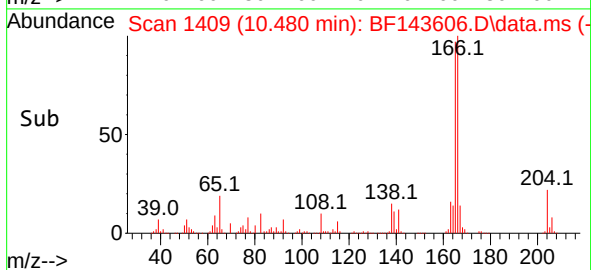
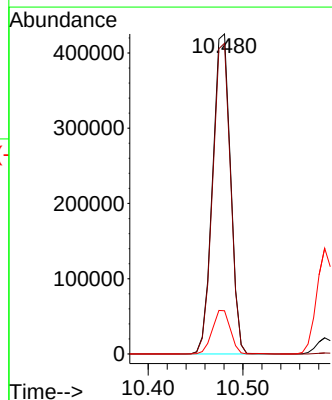
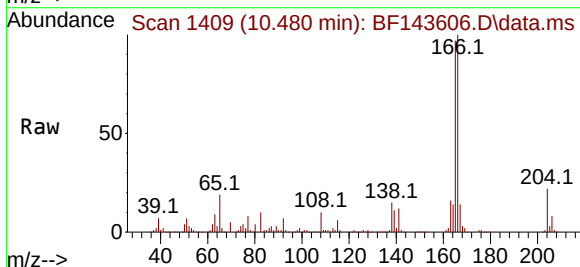
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

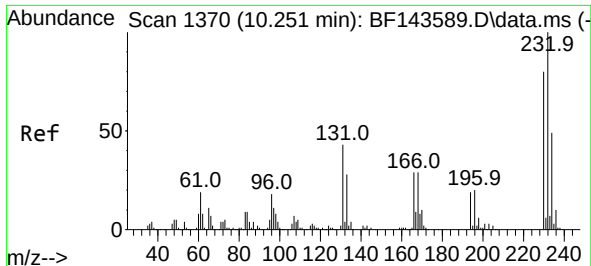
Tgt Ion:165 Resp: 154052
Ion Ratio Lower Upper
165 100
63 44.7 39.5 59.3
89 67.3 58.1 87.1
182 2.8 2.2 3.2



#58
Fluorene
Concen: 40.728 ng
RT: 10.480 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

Tgt Ion:166 Resp: 557742
Ion Ratio Lower Upper
166 100
165 97.1 77.7 116.5
167 13.5 10.6 15.8

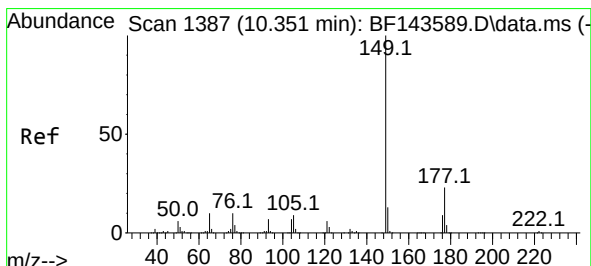
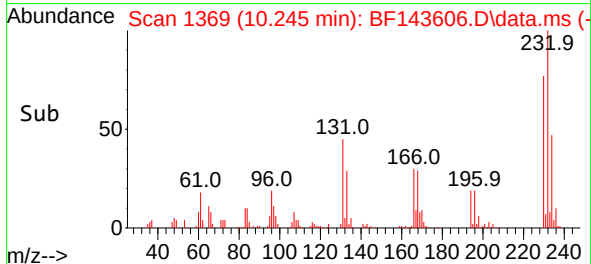
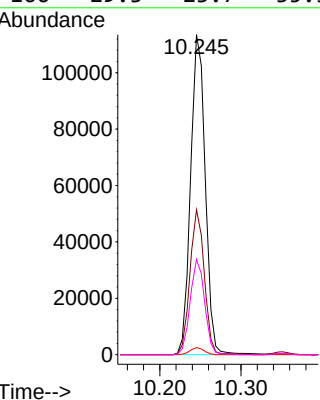
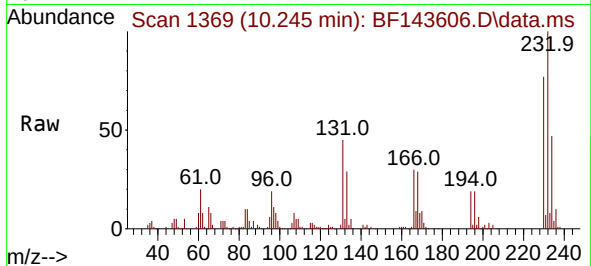




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.618 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

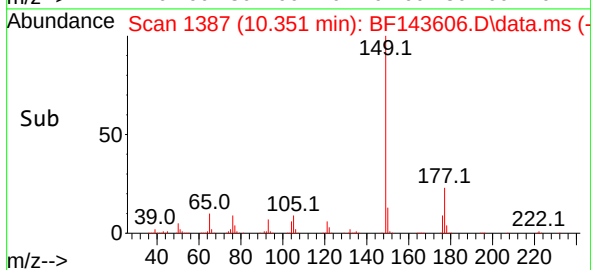
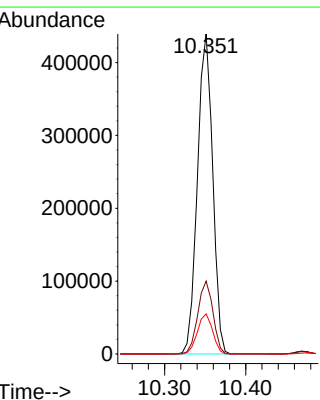
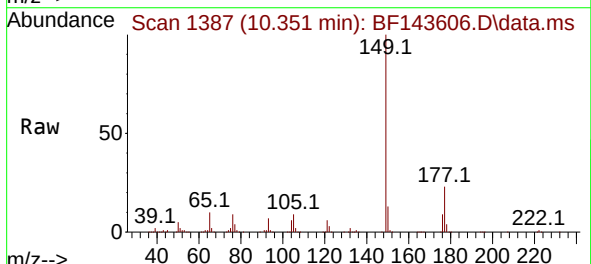
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

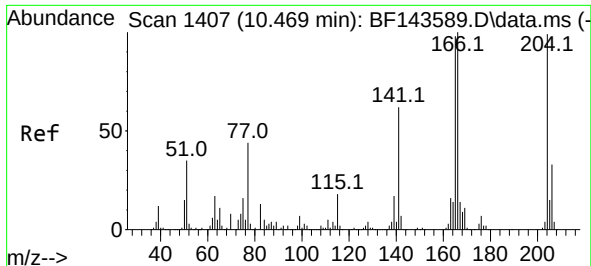
Tgt Ion:232 Resp: 142553
Ion Ratio Lower Upper
232 100
131 44.4 35.9 53.9
130 2.1 1.8 2.8
166 29.3 23.7 35.5



#60
Diethylphthalate
Concen: 41.634 ng
RT: 10.351 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

Tgt Ion:149 Resp: 571527
Ion Ratio Lower Upper
149 100
177 22.7 18.1 27.1
150 12.5 10.1 15.1

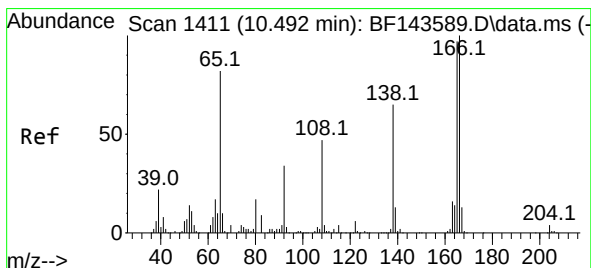
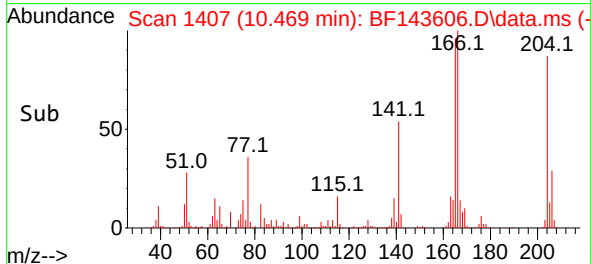
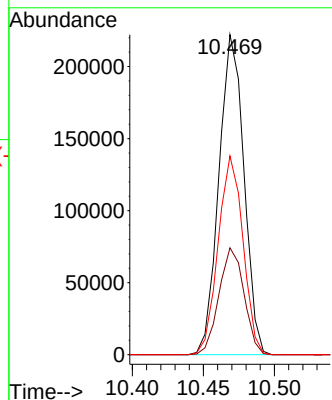
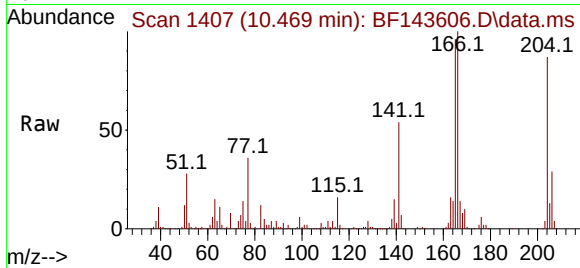




#61
4-Chlorophenyl-phenylether
Concen: 40.605 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

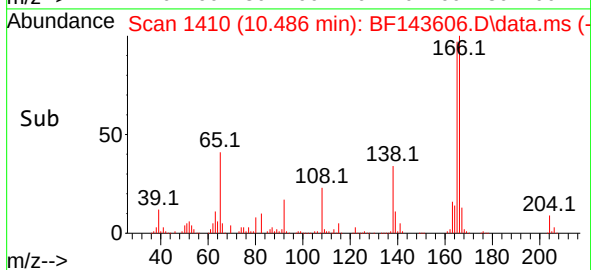
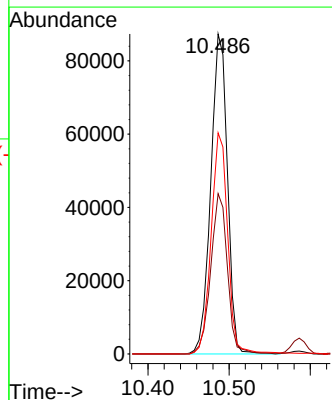
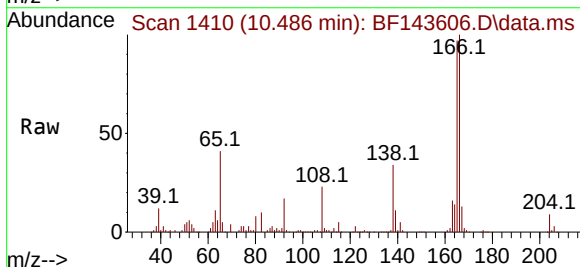
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

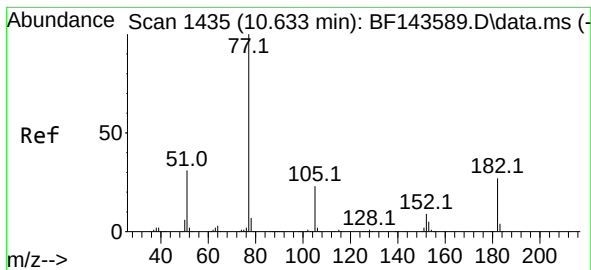
Tgt Ion:204 Resp: 271950
Ion Ratio Lower Upper
204 100
206 33.4 27.0 40.6
141 62.1 50.2 75.2



#62
4-Nitroaniline
Concen: 45.794 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

Tgt Ion:138 Resp: 124267
Ion Ratio Lower Upper
138 100
92 50.1 31.3 71.3
108 69.1 51.6 91.6





#63

Azobenzene

Concen: 39.709 ng

RT: 10.628 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF143606.D

Acq: 28 Aug 2025 13:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 552692

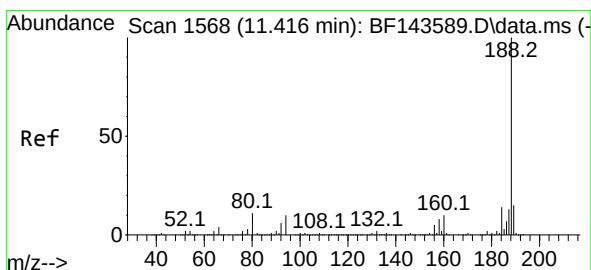
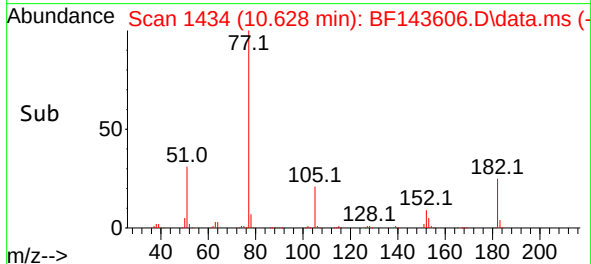
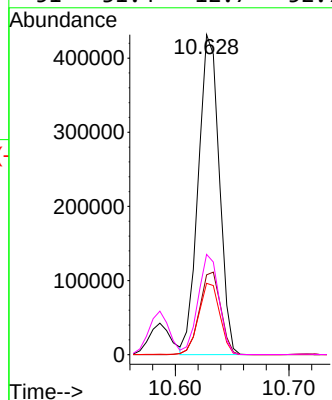
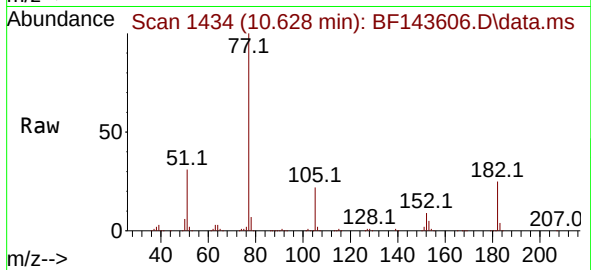
Ion Ratio Lower Upper

77 100

182 25.0 6.3 46.3

105 22.3 2.4 42.4

51 31.4 12.7 52.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1568

Delta R.T. -0.000 min

Lab File: BF143606.D

Acq: 28 Aug 2025 13:13

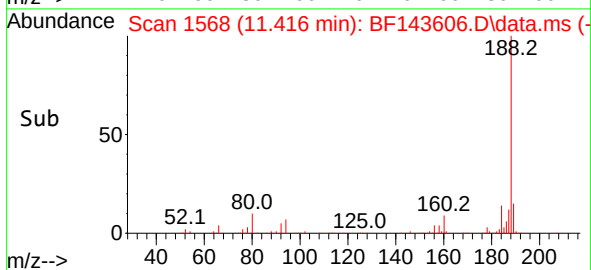
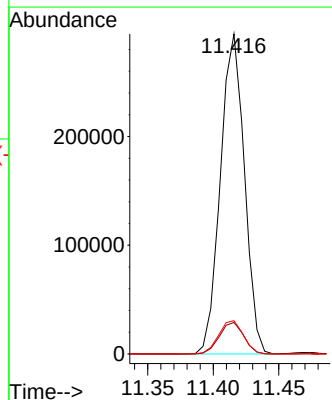
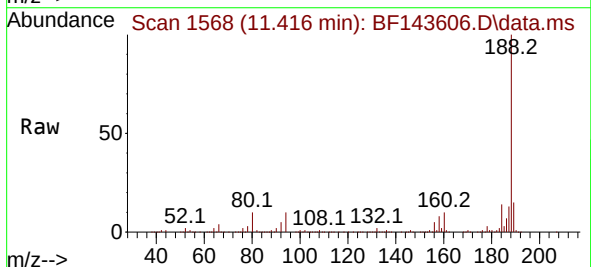
Tgt Ion: 188 Resp: 374889

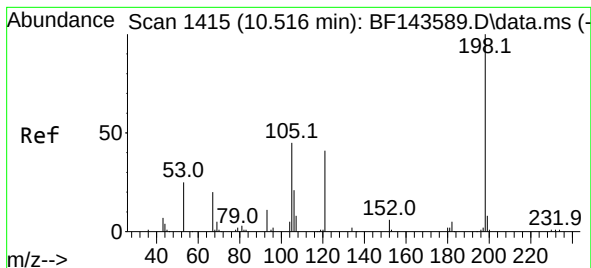
Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.4

80 10.4 8.9 13.3

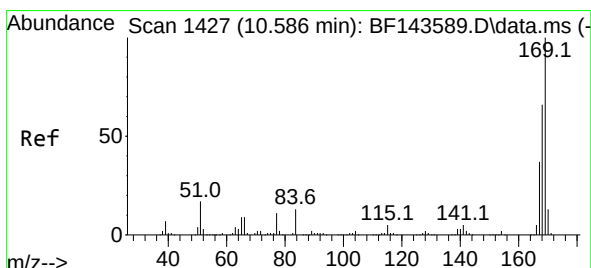
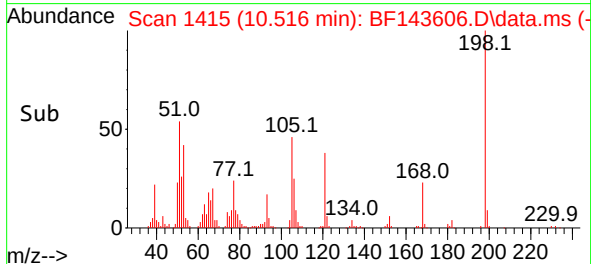
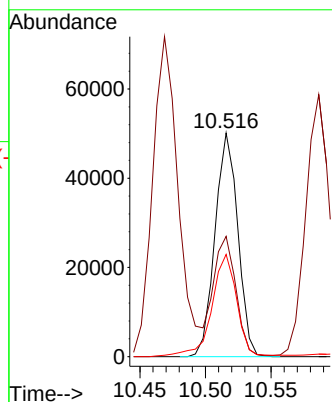
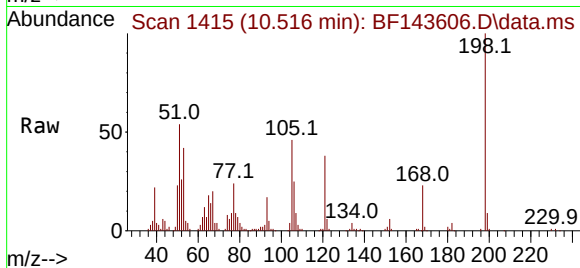




#65
4,6-Dinitro-2-methylphenol
Concen: 48.171 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

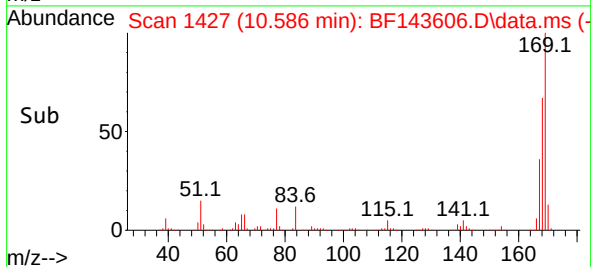
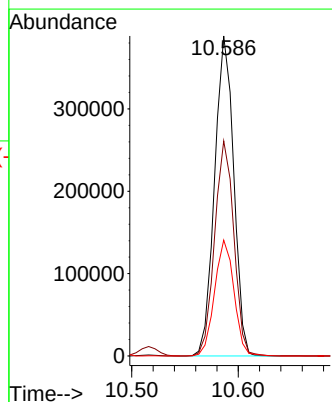
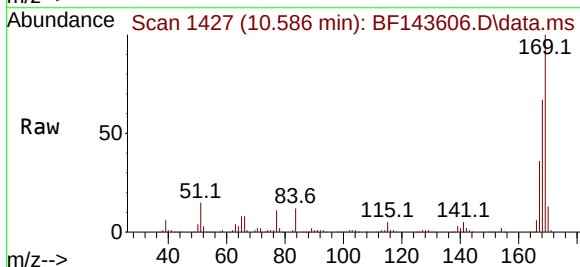
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

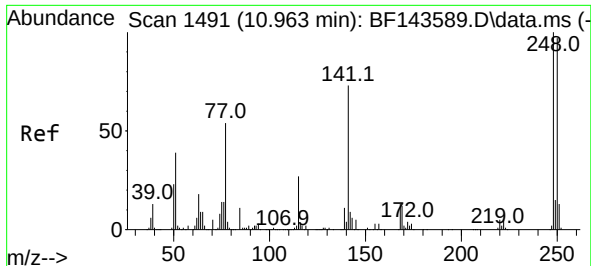
Tgt Ion:198 Resp: 60491
Ion Ratio Lower Upper
198 100
51 53.8 41.5 81.5
105 45.7 28.2 68.2



#66
n-Nitrosodiphenylamine
Concen: 40.549 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

Tgt Ion:169 Resp: 483525
Ion Ratio Lower Upper
169 100
168 67.2 53.1 79.7
167 36.2 29.3 43.9

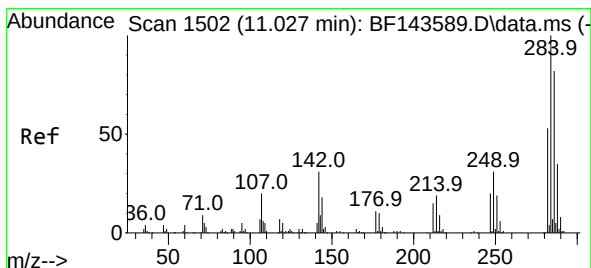
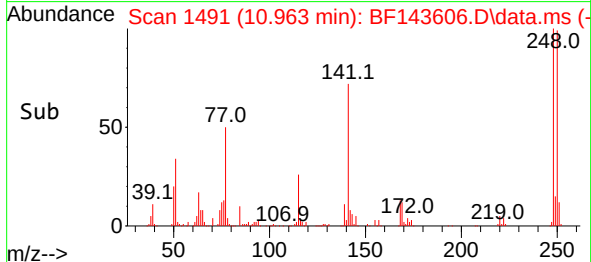
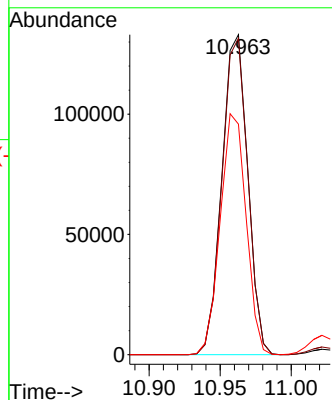
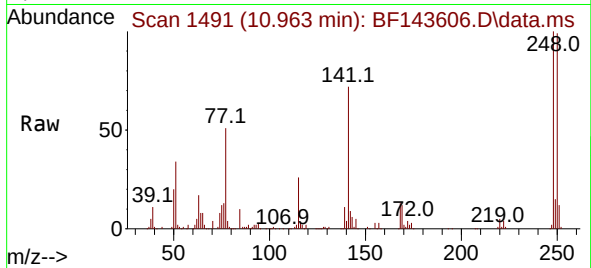




#67
4-Bromophenyl-phenylether
Concen: 41.679 ng
RT: 10.963 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

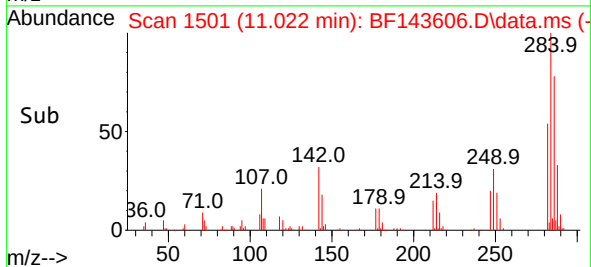
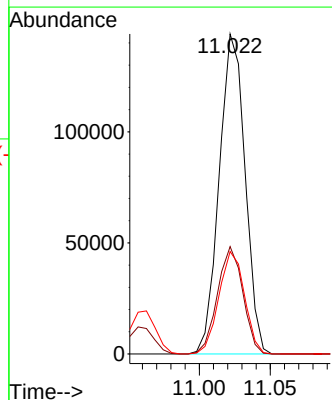
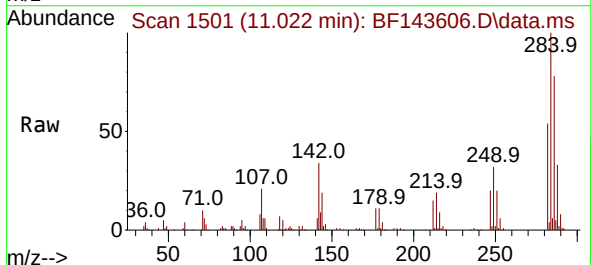
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

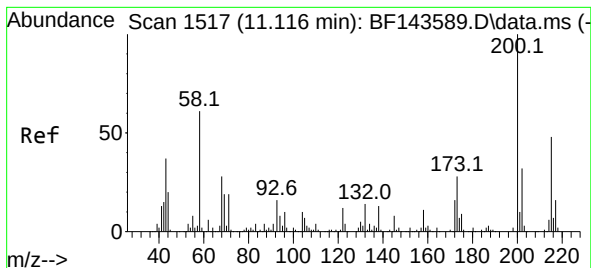
Tgt Ion:248 Resp: 169007
Ion Ratio Lower Upper
248 100
250 98.9 77.8 116.6
141 72.0 58.5 87.7



#68
Hexachlorobenzene
Concen: 42.038 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.005 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

Tgt Ion:284 Resp: 182338
Ion Ratio Lower Upper
284 100
142 33.6 24.7 37.1
249 32.0 25.0 37.6





#69

Atrazine

Concen: 43.026 ng

RT: 11.110 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143606.D

Acq: 28 Aug 2025 13:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

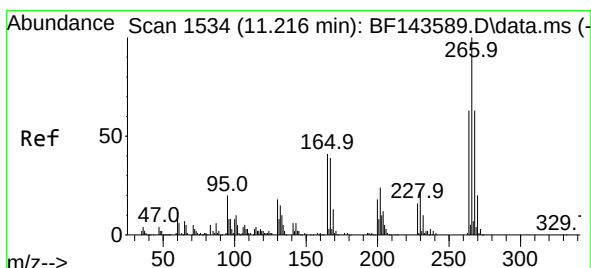
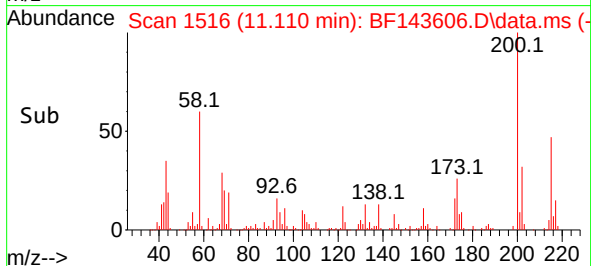
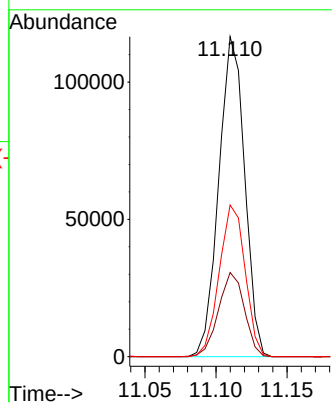
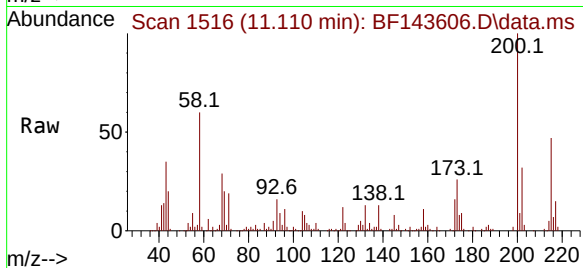
Tgt Ion:200 Resp: 147478

Ion Ratio Lower Upper

200 100

173 26.3 7.6 47.6

215 47.4 28.3 68.3



#70

Pentachlorophenol

Concen: 45.655 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.000 min

Lab File: BF143606.D

Acq: 28 Aug 2025 13:13

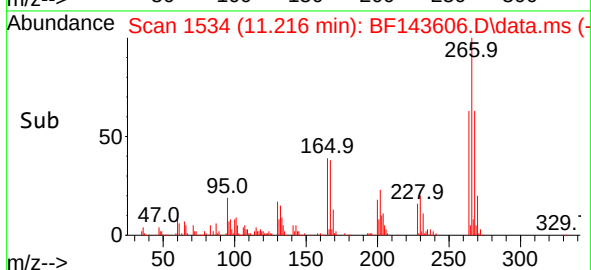
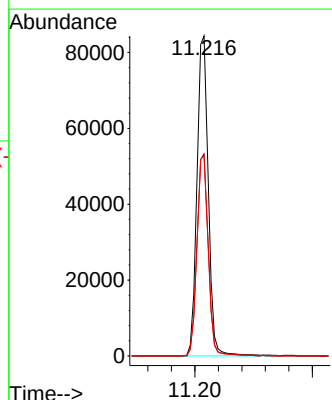
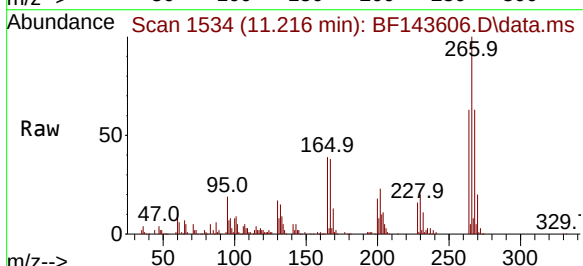
Tgt Ion:266 Resp: 113138

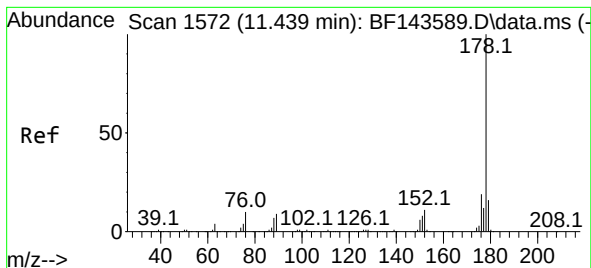
Ion Ratio Lower Upper

266 100

268 63.1 50.4 75.6

264 62.5 50.1 75.1





#71

Phenanthrene

Concen: 40.849 ng

RT: 11.439 min Scan# 1572

Delta R.T. 0.000 min

Lab File: BF143606.D

Acq: 28 Aug 2025 13:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

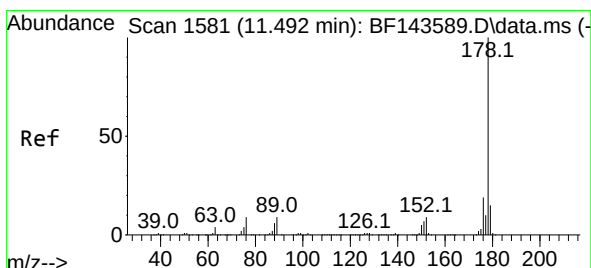
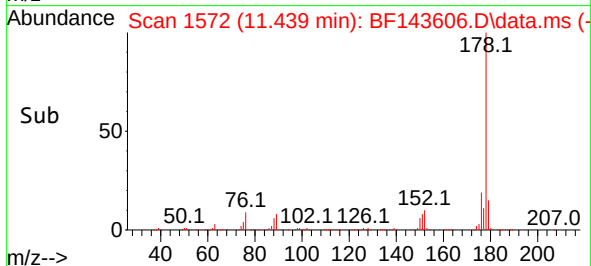
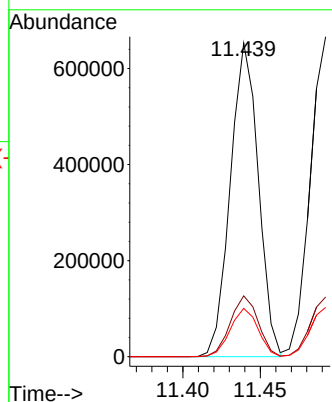
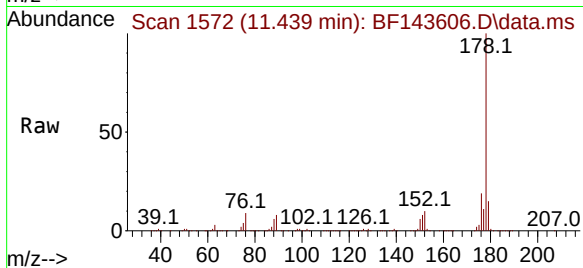
Tgt Ion:178 Resp: 819919

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

179 15.4 12.5 18.7



#72

Anthracene

Concen: 41.062 ng

RT: 11.492 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF143606.D

Acq: 28 Aug 2025 13:13

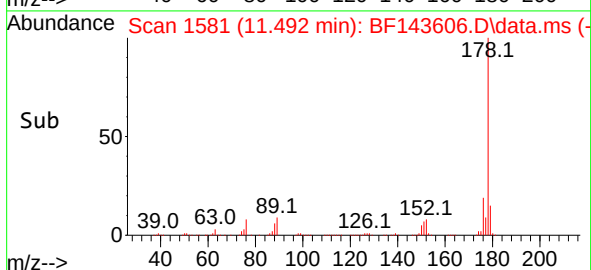
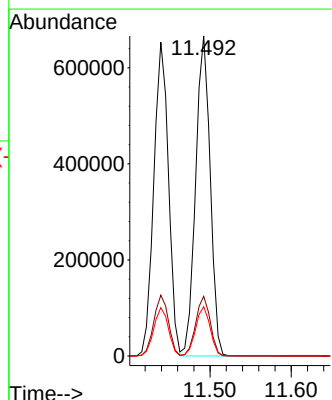
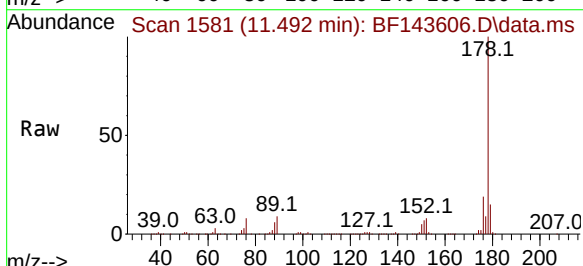
Tgt Ion:178 Resp: 830608

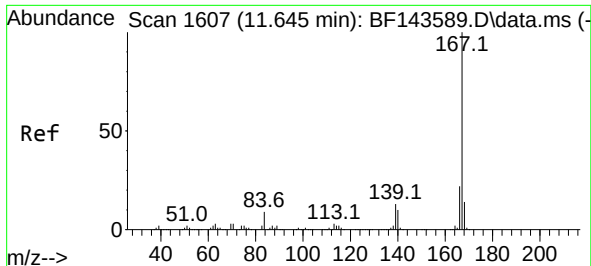
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.6

179 15.4 12.4 18.6



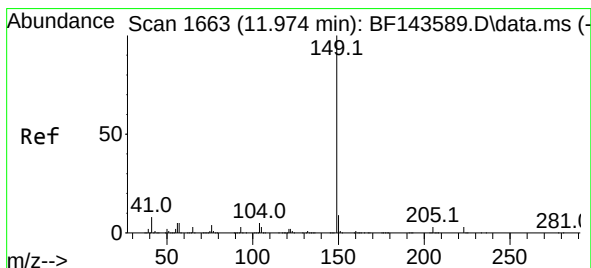
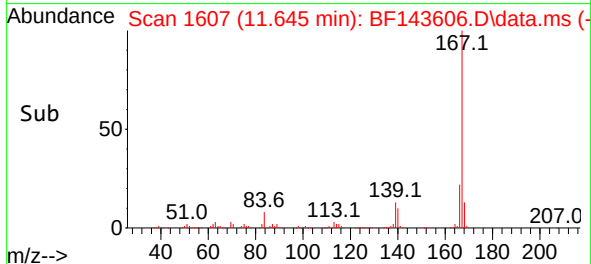
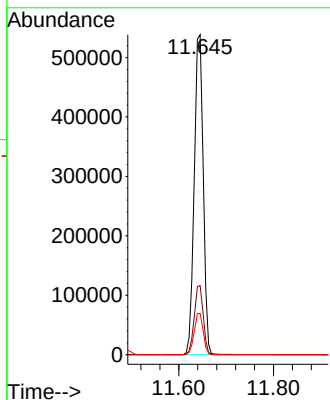
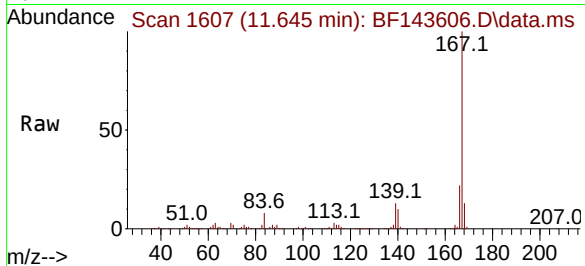


#73
 Carbazole
 Concen: 40.869 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. 0.000 min
 Lab File: BF143606.D
 Acq: 28 Aug 2025 13:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:167 Resp: 714603

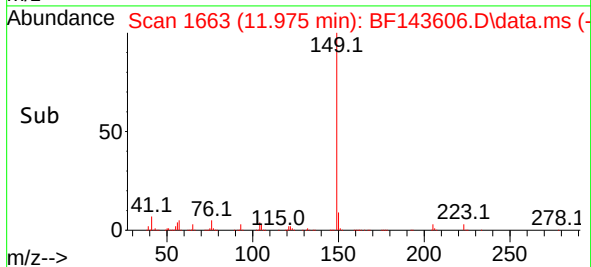
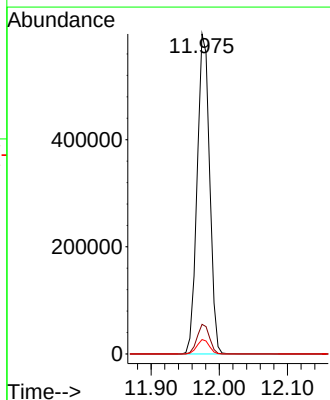
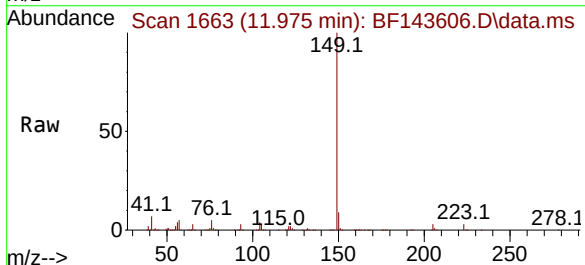
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.3	25.9
139	12.9	10.4	15.6

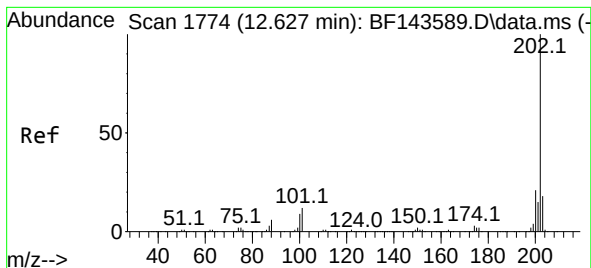


#74
 Di-n-butylphthalate
 Concen: 42.604 ng
 RT: 11.975 min Scan# 1663
 Delta R.T. 0.000 min
 Lab File: BF143606.D
 Acq: 28 Aug 2025 13:13

Tgt Ion:149 Resp: 758768

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	4.5	3.6	5.4





#75

Fluoranthene

Concen: 40.396 ng

RT: 12.627 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143606.D

Acq: 28 Aug 2025 13:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

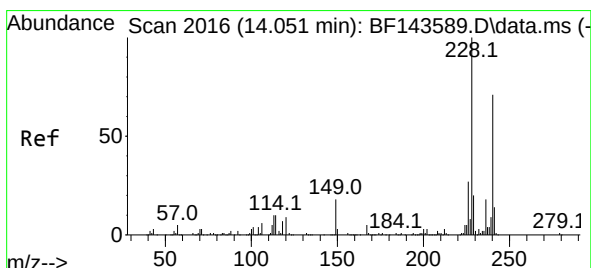
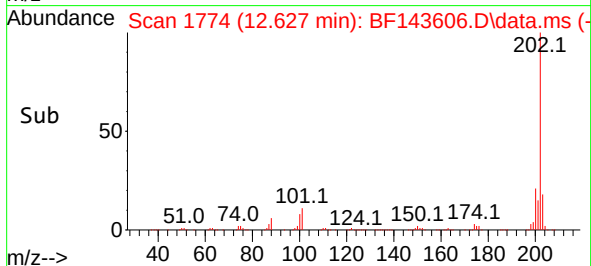
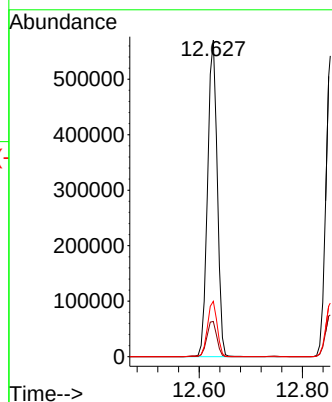
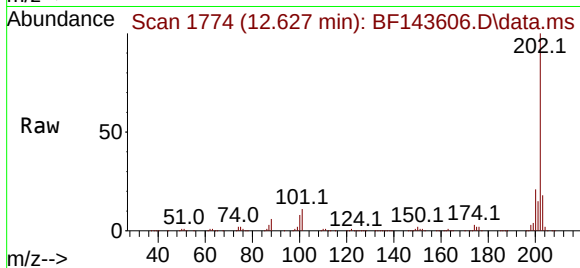
Tgt Ion:202 Resp: 740344

Ion Ratio Lower Upper

202 100

101 11.1 0.0 32.3

203 17.5 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF143606.D

Acq: 28 Aug 2025 13:13

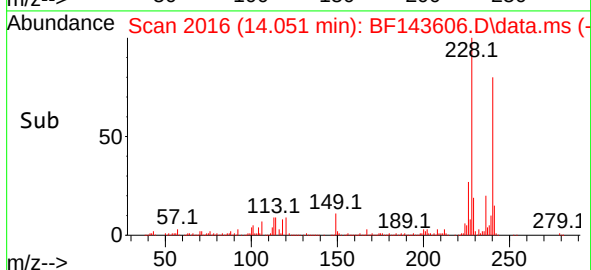
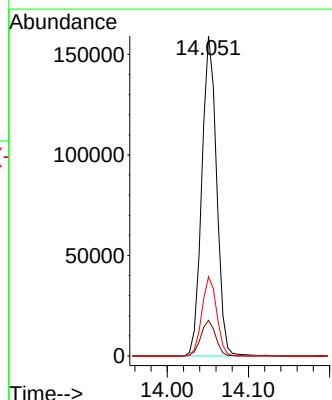
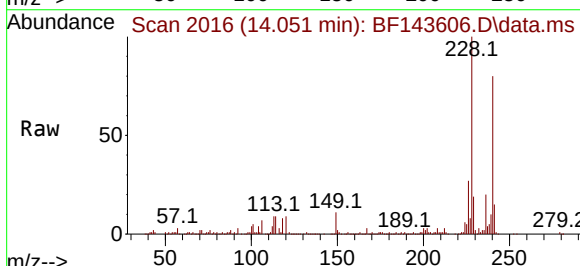
Tgt Ion:240 Resp: 201426

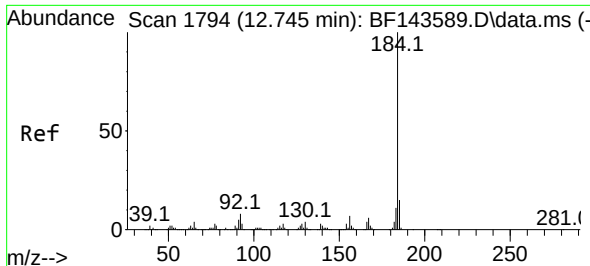
Ion Ratio Lower Upper

240 100

120 11.2 9.6 14.4

236 24.8 20.2 30.2

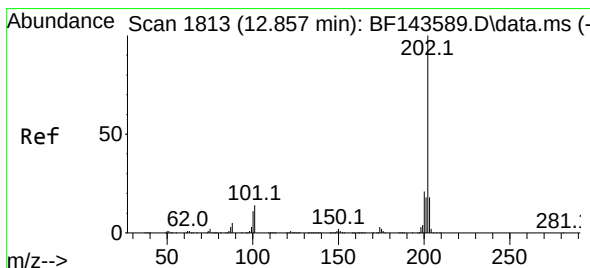
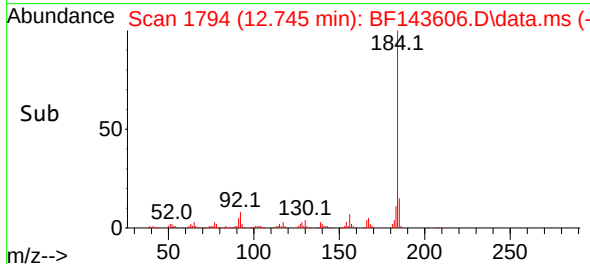
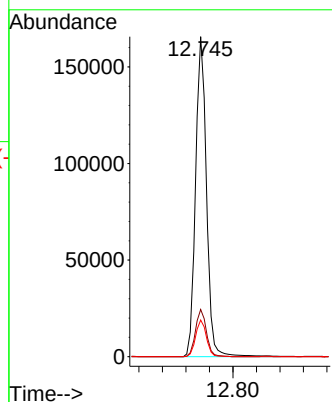
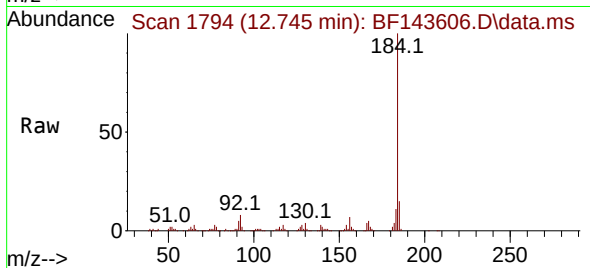




#77
Benzidine
Concen: 45.824 ng
RT: 12.745 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

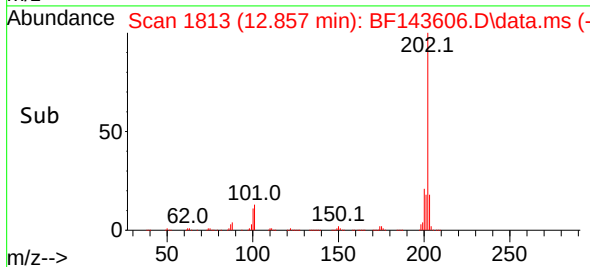
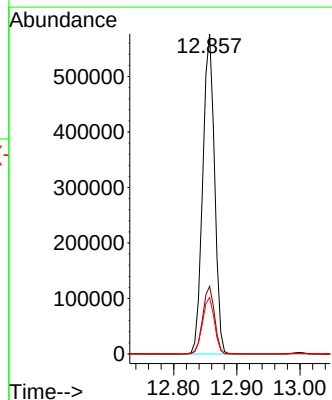
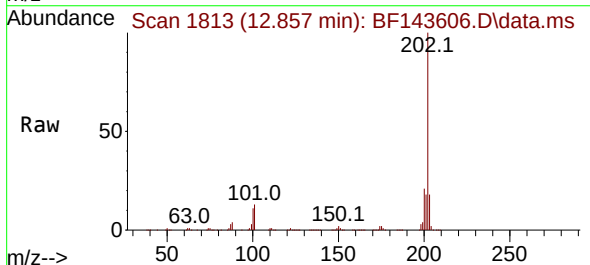
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

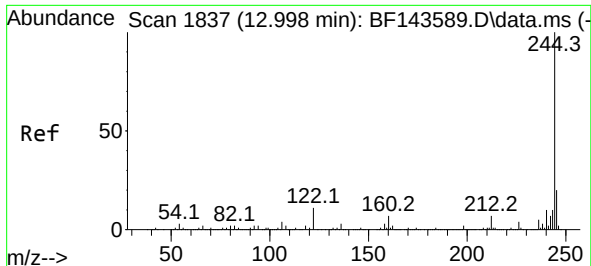
Tgt Ion:184 Resp: 212502
Ion Ratio Lower Upper
184 100
185 14.8 11.8 17.6
183 11.5 9.1 13.7



#78
Pyrene
Concen: 44.337 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

Tgt Ion:202 Resp: 747412
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 17.7 14.2 21.4

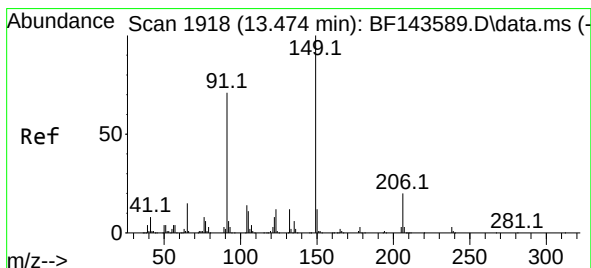
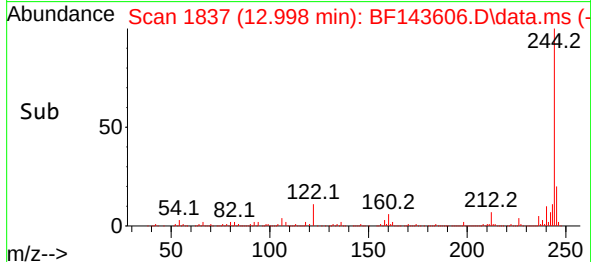
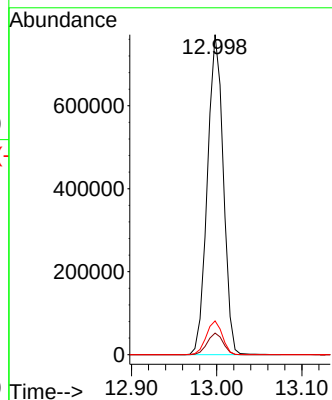
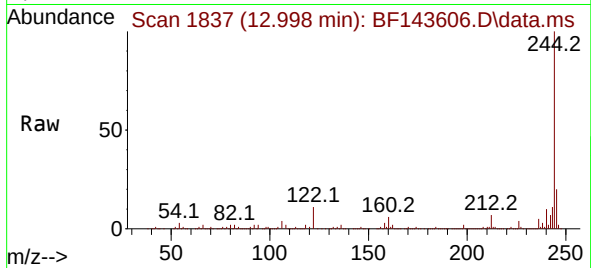




#79
 Terphenyl-d14
 Concen: 89.169 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF143606.D
 Acq: 28 Aug 2025 13:13

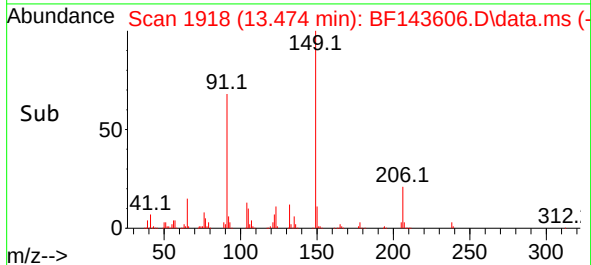
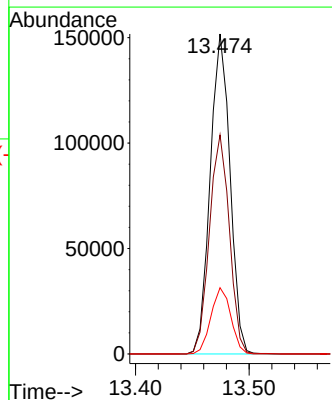
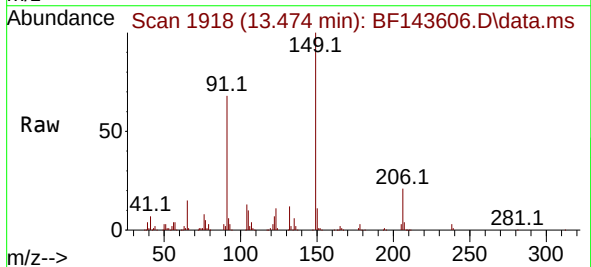
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

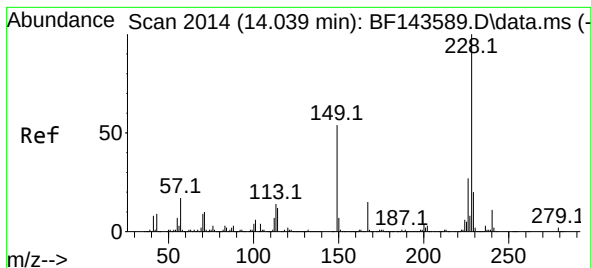
Tgt Ion:244 Resp: 1000900
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 10.6 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 39.369 ng
 RT: 13.474 min Scan# 1918
 Delta R.T. 0.000 min
 Lab File: BF143606.D
 Acq: 28 Aug 2025 13:13

Tgt Ion:149 Resp: 184016
 Ion Ratio Lower Upper
 149 100
 91 68.5 56.8 85.2
 206 20.7 16.2 24.2





#81

Benzo(a)anthracene

Concen: 40.280 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143606.D

Acq: 28 Aug 2025 13:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

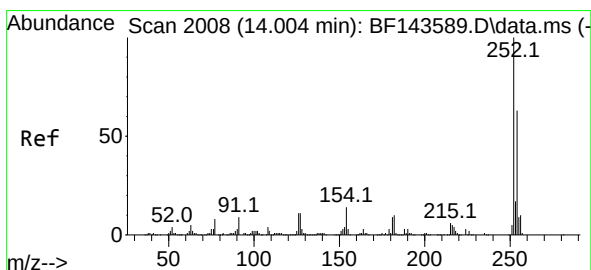
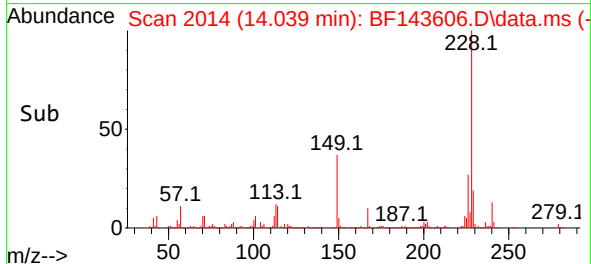
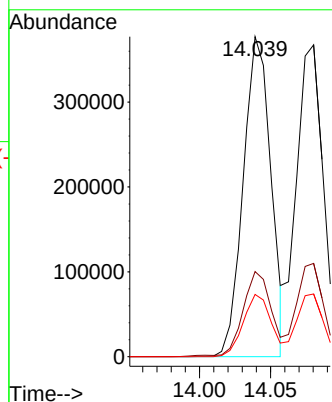
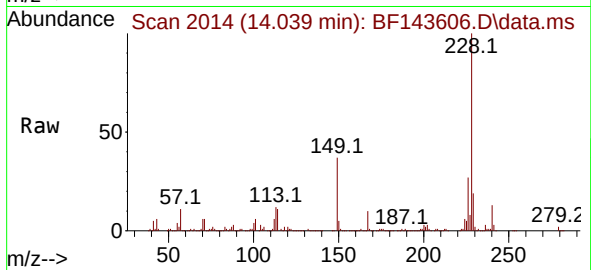
Tgt Ion:228 Resp: 510440

Ion Ratio Lower Upper

228 100

226 26.6 21.8 32.8

229 19.4 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 41.021 ng

RT: 14.004 min Scan# 2008

Delta R.T. -0.000 min

Lab File: BF143606.D

Acq: 28 Aug 2025 13:13

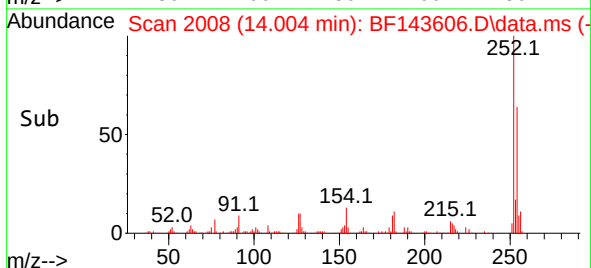
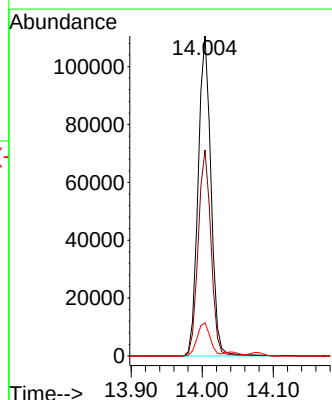
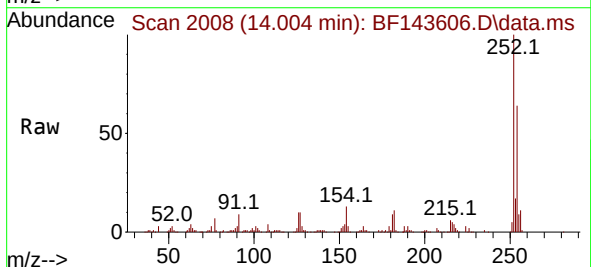
Tgt Ion:252 Resp: 139371

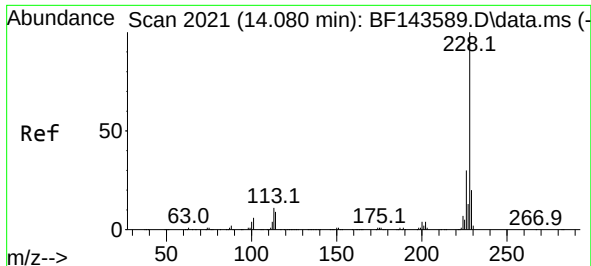
Ion Ratio Lower Upper

252 100

254 64.4 50.2 75.2

126 10.3 9.1 13.7

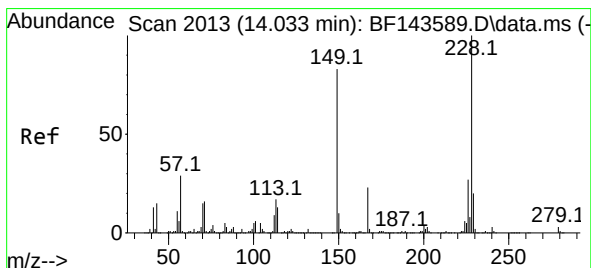
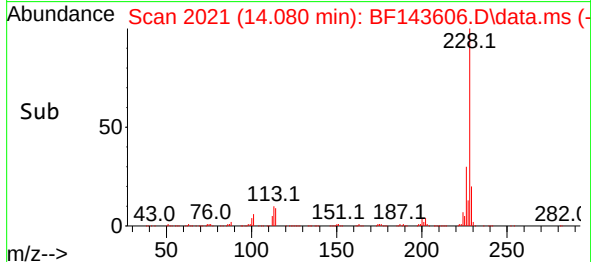
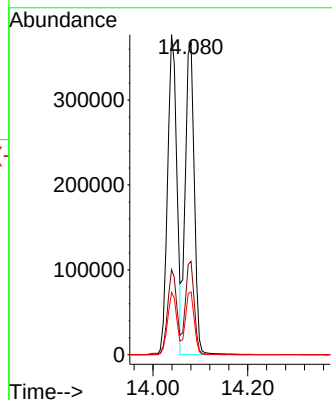
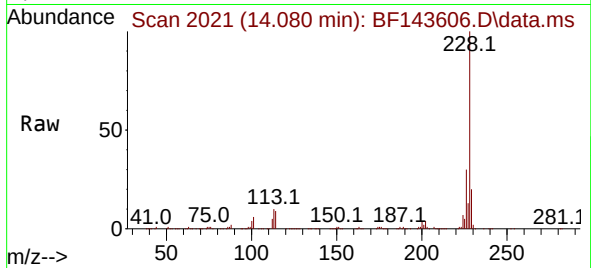




#83
Chrysene
Concen: 41.172 ng
RT: 14.080 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

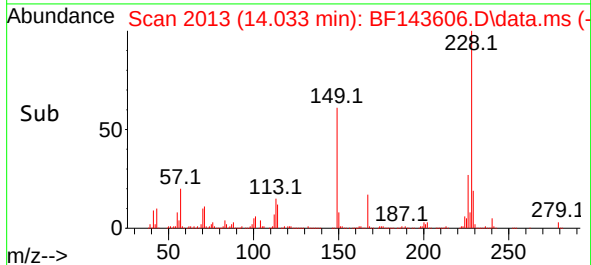
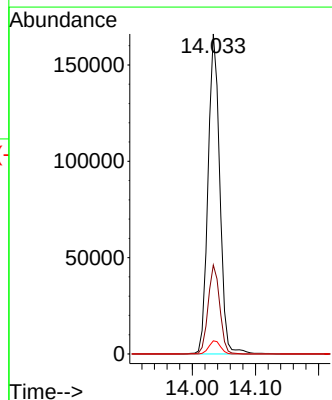
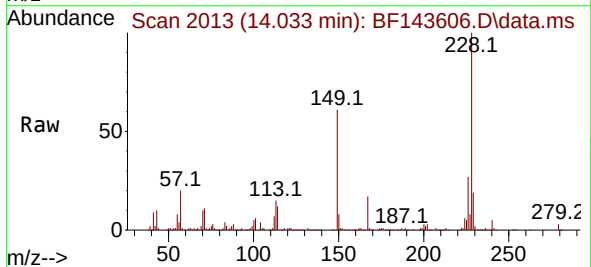
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

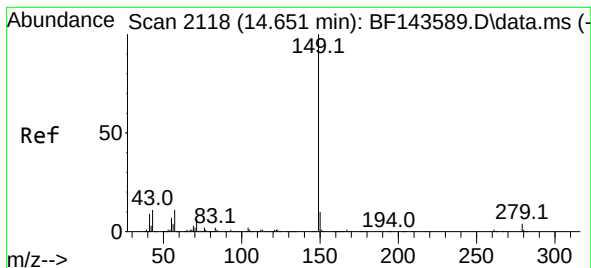
Tgt Ion:228 Resp: 486242
Ion Ratio Lower Upper
228 100
226 29.9 24.2 36.2
229 20.1 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 35.534 ng
RT: 14.033 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

Tgt Ion:149 Resp: 213522
Ion Ratio Lower Upper
149 100
167 27.8 21.8 32.8
279 4.1 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 34.868 ng

RT: 14.651 min Scan# 2118

Delta R.T. -0.000 min

Lab File: BF143606.D

Acq: 28 Aug 2025 13:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

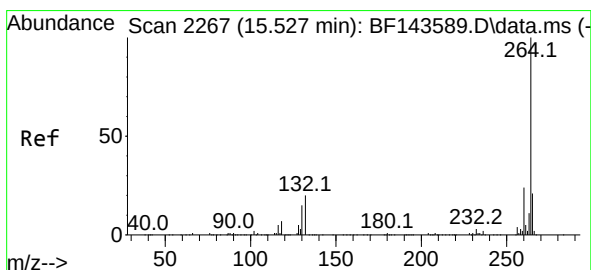
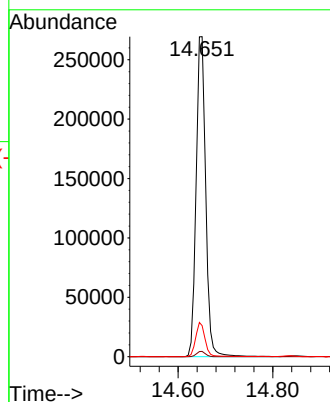
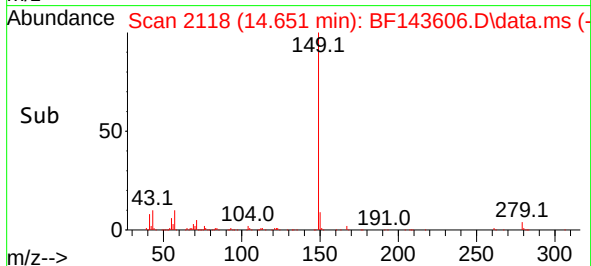
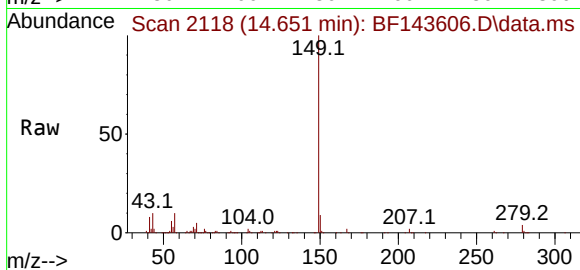
Tgt Ion:149 Resp: 378135

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.6 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2267

Delta R.T. 0.000 min

Lab File: BF143606.D

Acq: 28 Aug 2025 13:13

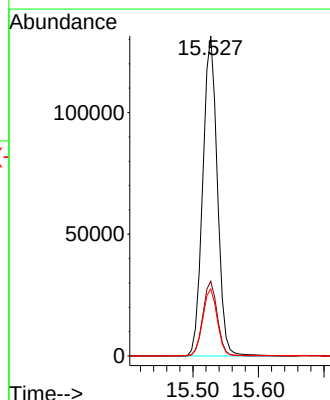
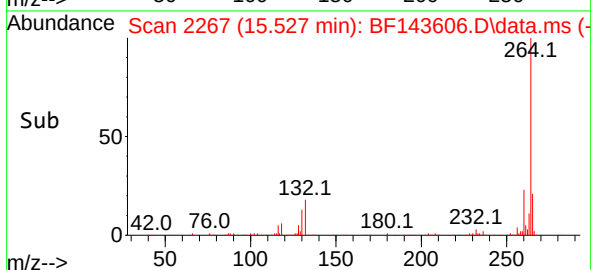
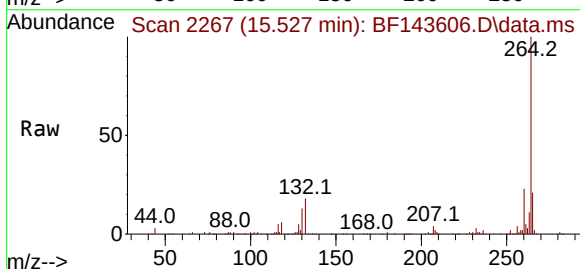
Tgt Ion:264 Resp: 203353

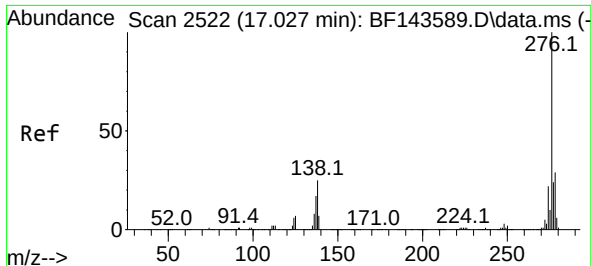
Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 21.0 17.0 25.4

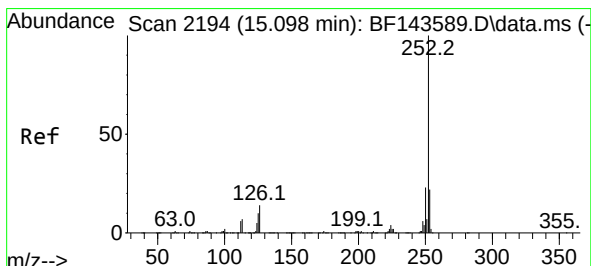
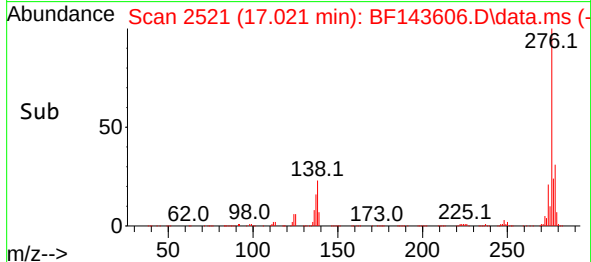
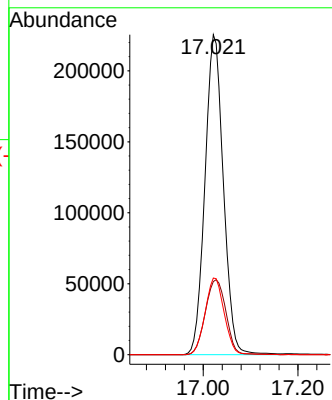
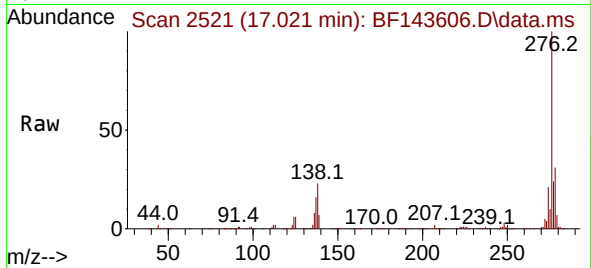




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.972 ng
 RT: 17.021 min Scan# 2193
 Delta R.T. -0.006 min
 Lab File: BF143606.D
 Acq: 28 Aug 2025 13:13

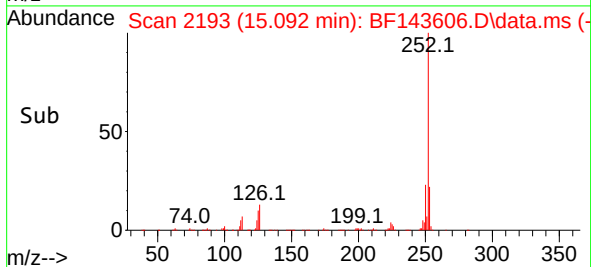
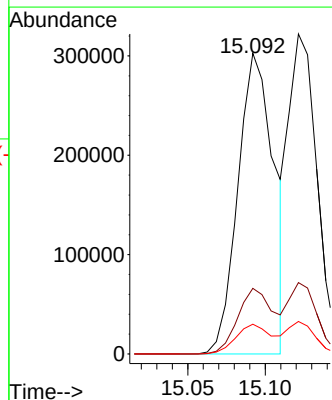
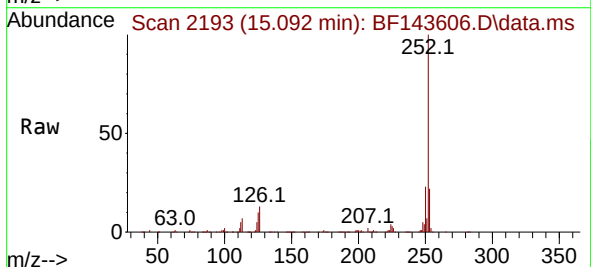
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

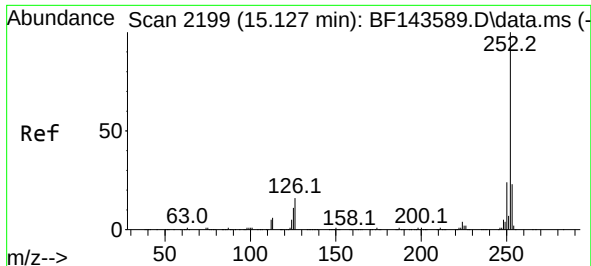
Tgt Ion:276 Resp: 608367
 Ion Ratio Lower Upper
 276 100
 138 26.2 22.3 33.5
 277 24.9 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 42.089 ng
 RT: 15.092 min Scan# 2193
 Delta R.T. -0.006 min
 Lab File: BF143606.D
 Acq: 28 Aug 2025 13:13

Tgt Ion:252 Resp: 489028
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.5 26.3
 125 9.9 8.2 12.2





#89

Benzo(k)fluoranthene

Concen: 38.102 ng

RT: 15.121 min Scan# 2199

Delta R.T. -0.006 min

Lab File: BF143606.D

Acq: 28 Aug 2025 13:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

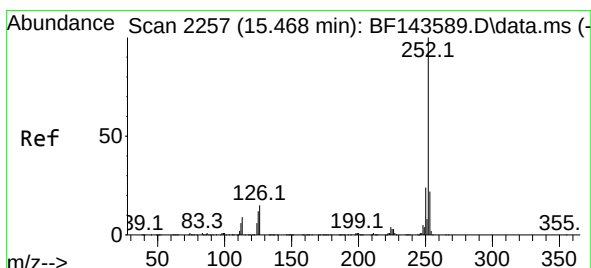
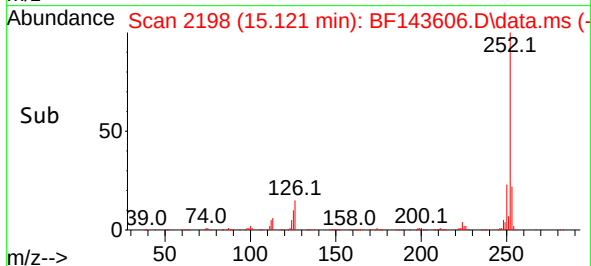
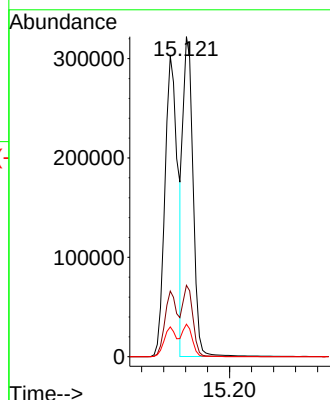
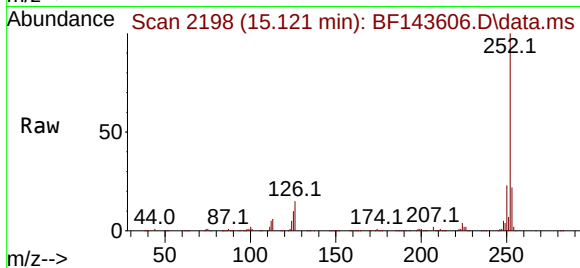
Tgt Ion:252 Resp: 413927

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 10.1 8.2 12.4



#90

Benzo(a)pyrene

Concen: 41.721 ng

RT: 15.463 min Scan# 2256

Delta R.T. -0.006 min

Lab File: BF143606.D

Acq: 28 Aug 2025 13:13

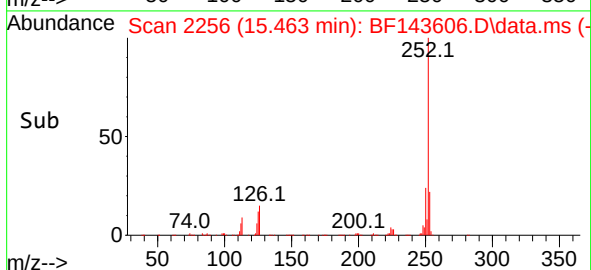
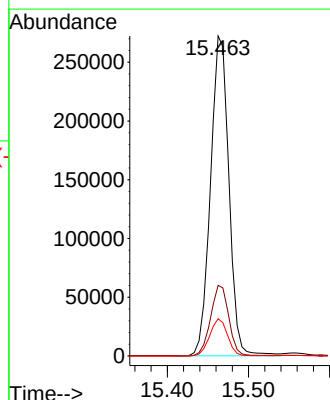
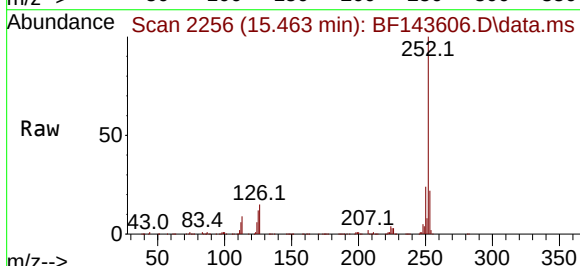
Tgt Ion:252 Resp: 428300

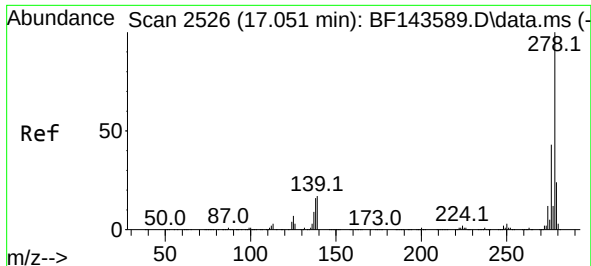
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 11.6 9.2 13.8

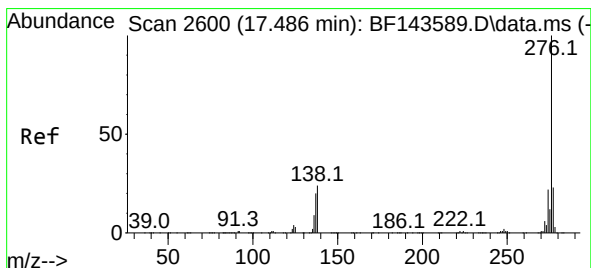
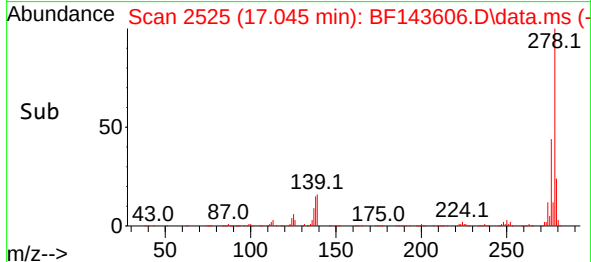
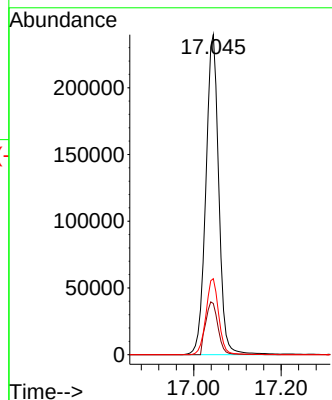
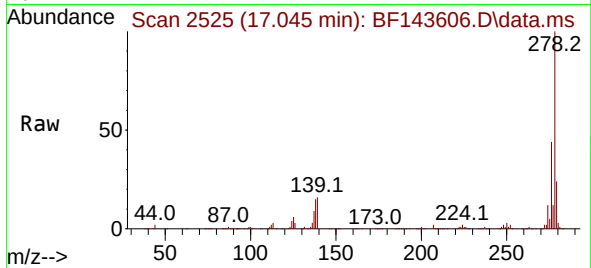




#91
Dibenzo(a,h)anthracene
Concen: 43.596 ng
RT: 17.045 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 493661
Ion Ratio Lower Upper
278 100
139 16.0 13.8 20.8
279 23.8 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 43.437 ng
RT: 17.474 min Scan# 2598
Delta R.T. -0.012 min
Lab File: BF143606.D
Acq: 28 Aug 2025 13:13

Tgt Ion:276 Resp: 486952
Ion Ratio Lower Upper
276 100
277 23.5 18.6 27.8
138 23.1 19.1 28.7

