

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
 Data File : BF143599.D
 Acq On : 27 Aug 2025 10:44
 Operator : RC/JU
 Sample : PB169400BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169400BSD

Quant Time: Aug 27 11:28:37 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	111970	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	432799	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	237638	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	373389	20.000	ng	0.00
76) Chrysene-d12	14.051	240	222062	20.000	ng	0.00
86) Perylene-d12	15.527	264	236819	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	833618	126.713	ng	0.01
7) Phenol-d6	6.510	99	1030702	126.493	ng	0.00
23) Nitrobenzene-d5	7.451	82	647901	106.887	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	282771	152.160	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1280102	92.101	ng	0.00
79) Terphenyl-d14	12.998	244	1189292	96.107	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.775	88	124124	38.566	ng	99
3) Pyridine	3.522	79	339971	42.066	ng	98
4) n-Nitrosodimethylamine	3.475	42	176782	45.968	ng	100
6) Aniline	6.557	93	410494	36.086	ng	99
8) 2-Chlorophenol	6.675	128	325110	46.709	ng	98
9) Benzaldehyde	6.439	77	135986	22.180	ng	97
10) Phenol	6.528	94	428953	46.938	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	309736	44.230	ng	99
12) 1,3-Dichlorobenzene	6.834	146	365908	45.767	ng	99
13) 1,4-Dichlorobenzene	6.910	146	369066	45.780	ng	99
14) 1,2-Dichlorobenzene	7.063	146	355277	46.460	ng	99
15) Benzyl Alcohol	7.028	79	286472	46.911	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.169	45	560431	43.356	ng	98
17) 2-Methylphenol	7.134	107	275828	46.681	ng	99
18) Hexachloroethane	7.404	117	123585	48.245	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	240673	46.624	ng	98
20) 3+4-Methylphenols	7.286	107	338932	46.703	ng	98
22) Acetophenone	7.298	105	457550	46.943	ng	98
24) Nitrobenzene	7.469	77	347228	53.431	ng	99
25) Isophorone	7.710	82	659776	46.512	ng	100
26) 2-Nitrophenol	7.786	139	153497	55.090	ng	99
27) 2,4-Dimethylphenol	7.822	122	315916	51.186	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	396391	46.187	ng	99
29) 2,4-Dichlorophenol	8.022	162	286503	48.180	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	306177	49.314	ng	99
31) Naphthalene	8.192	128	953986	45.622	ng	100
32) Benzoic acid	7.928	122	167255	51.671	ng	98
33) 4-Chloroaniline	8.239	127	224708	30.418	ng	97
34) Hexachlorobutadiene	8.310	225	184577	47.179	ng	99
35) Caprolactam	8.604	113	45873	27.154	ng	93
36) 4-Chloro-3-methylphenol	8.716	107	298710	48.048	ng	99
37) 2-Methylnaphthalene	8.886	142	580633	42.047	ng	99
38) 1-Methylnaphthalene	8.986	142	599819	45.006	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	283986	45.944	ng	98
41) Hexachlorocyclopentadiene	9.039	237	399556	131.399	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	197436	48.338	ng	98

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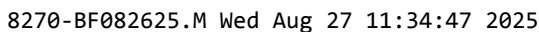
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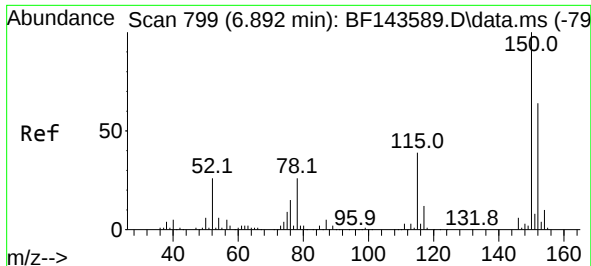
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	211603	51.270	ng	99
46) 1,1'-Biphenyl	9.351	154	783645	47.525	ng	100
47) 2-Chloronaphthalene	9.375	162	606121	46.534	ng	99
48) 2-Nitroaniline	9.469	65	187169	51.400	ng	96
49) Acenaphthylene	9.792	152	980610	51.743	ng	99
50) Dimethylphthalate	9.651	163	695093	47.554	ng	99
51) 2,6-Dinitrotoluene	9.710	165	147525	58.885	ng	91
52) Acenaphthene	9.963	154	617073	49.708	ng	99
53) 3-Nitroaniline	9.875	138	107751	38.091	ng	# 96
54) 2,4-Dinitrophenol	9.980	184	116786	100.818	ng	# 13
55) Dibenzofuran	10.133	168	841353	46.227	ng	99
56) 4-Nitrophenol	10.027	139	240793	94.679	ng	98
57) 2,4-Dinitrotoluene	10.110	165	193075	58.686	ng	98
58) Fluorene	10.480	166	635867	46.532	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	176185	57.740	ng	97
60) Diethylphthalate	10.351	149	668905	48.832	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	309723	46.344	ng	98
62) 4-Nitroaniline	10.492	138	147284	53.764	ng	97
63) Azobenzene	10.627	77	655115	47.169	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	79913	58.768	ng	95
66) n-Nitrosodiphenylamine	10.586	169	563947	47.483	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	192382	47.634	ng	99
68) Hexachlorobenzene	11.022	284	205137	47.485	ng	96
69) Atrazine	11.116	200	173138	50.715	ng	99
70) Pentachlorophenol	11.216	266	259532	105.150	ng	99
71) Phenanthrene	11.439	178	931961	46.617	ng	100
72) Anthracene	11.492	178	955529	47.428	ng	99
73) Carbazole	11.639	167	829340	47.622	ng	100
74) Di-n-butylphthalate	11.974	149	945553	53.305	ng	100
75) Fluoranthene	12.627	202	865301	47.404	ng	99
77) Benzidine	12.745	184	349498	68.362	ng	99
78) Pyrene	12.857	202	869847	46.805	ng	99
80) Butylbenzylphthalate	13.474	149	273157	51.738	ng	98
81) Benzo(a)anthracene	14.039	228	646784	46.296	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	125606	33.534	ng	98
83) Chrysene	14.080	228	630110	48.396	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	350680	51.350	ng	98
85) Di-n-octyl phthalate	14.651	149	616230	48.476	ng	97
87) Indeno(1,2,3-cd)pyrene	17.027	276	818165	50.779	ng	99
88) Benzo(b)fluoranthene	15.092	252	646081	47.748	ng	99
89) Benzo(k)fluoranthene	15.127	252	562452	44.457	ng	99
90) Benzo(a)pyrene	15.462	252	604048	50.526	ng	100
91) Dibenzo(a,h)anthracene	17.045	278	668979	50.730	ng	100
92) Benzo(g,h,i)perylene	17.480	276	667660	51.140	ng	99

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

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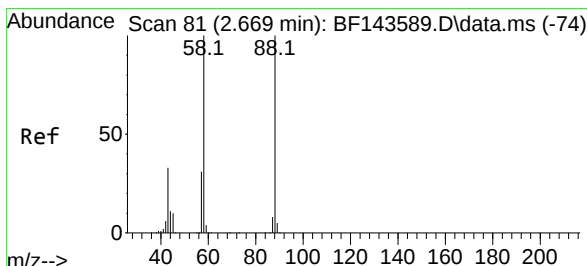
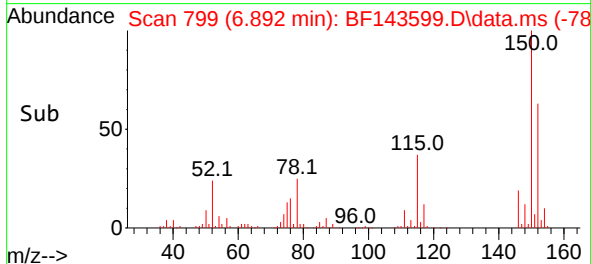
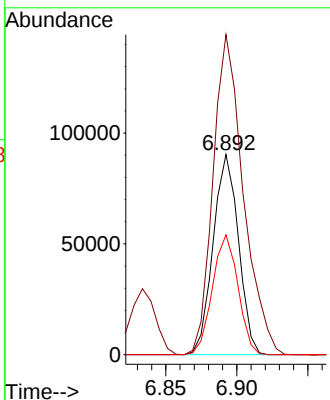
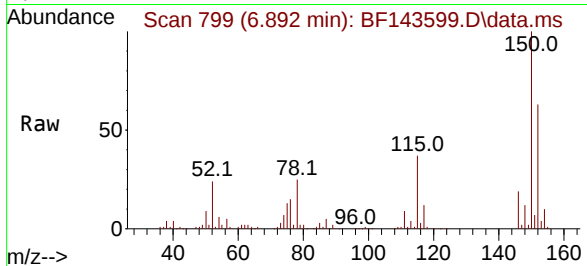




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: BF143599.D
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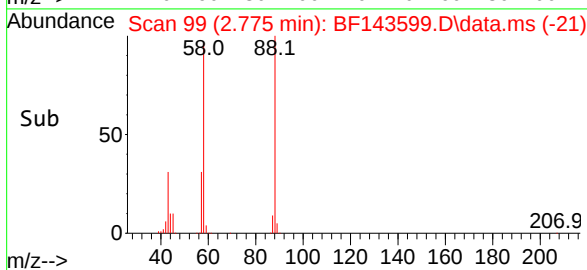
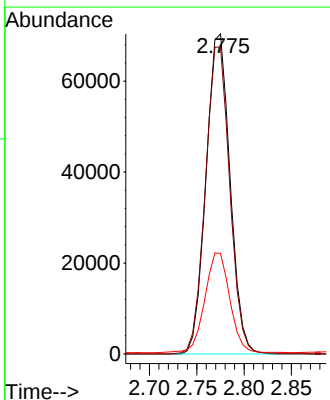
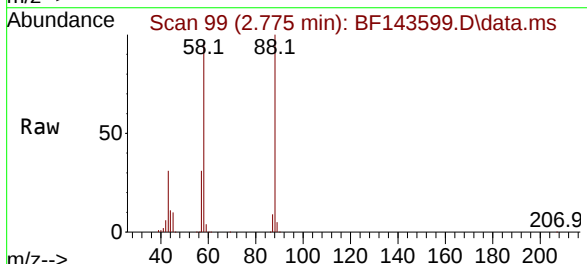
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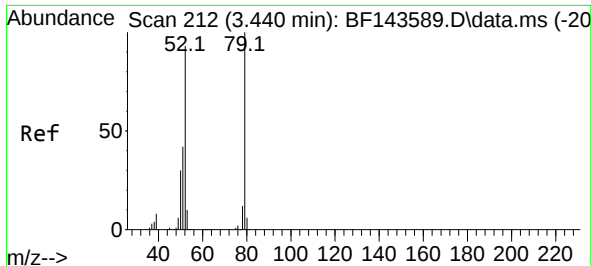
Tgt Ion:152 Resp: 111970
 Ion Ratio Lower Upper
 152 100
 150 159.9 124.9 187.3
 115 59.9 48.0 72.0



#2
 1,4-Dioxane
 Concen: 38.566 ng
 RT: 2.775 min Scan# 99
 Delta R.T. 0.106 min
 Lab File: BF143599.D
 Acq: 27 Aug 2025 10:44

Tgt Ion: 88 Resp: 124124
 Ion Ratio Lower Upper
 88 100
 58 97.7 79.2 118.8
 43 32.4 26.2 39.2

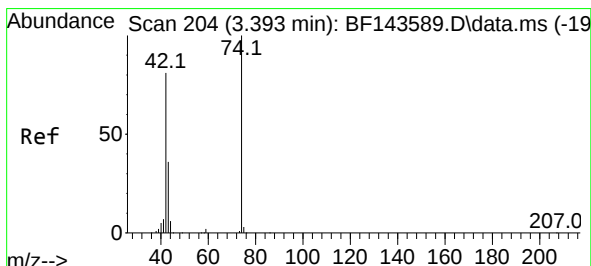
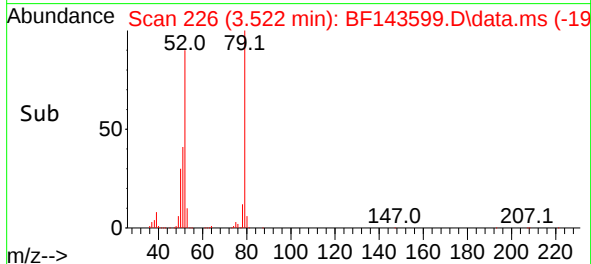
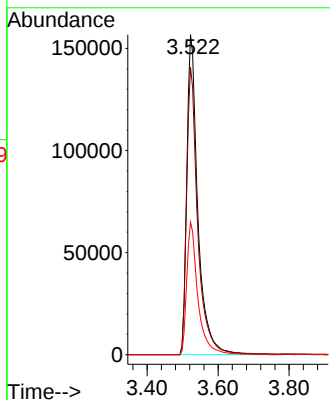
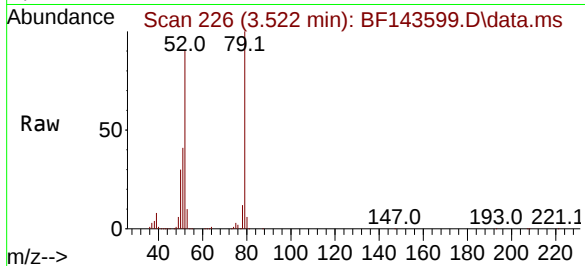




#3
Pyridine
Concen: 42.066 ng
RT: 3.522 min Scan# 21
Delta R.T. 0.082 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

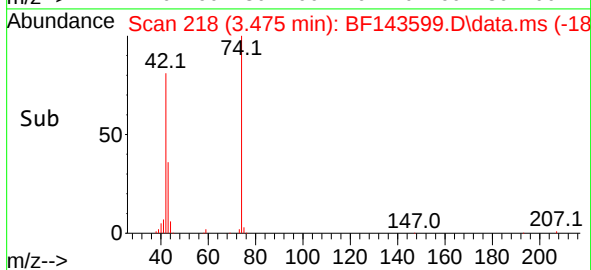
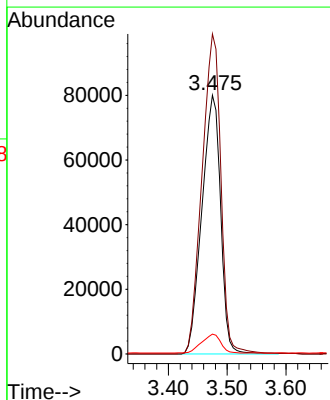
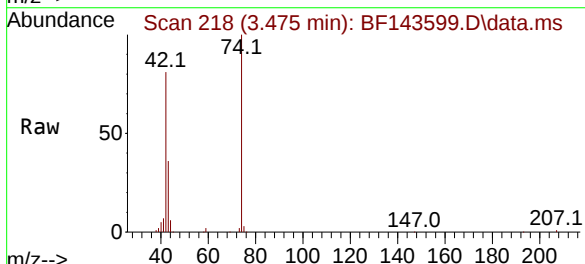
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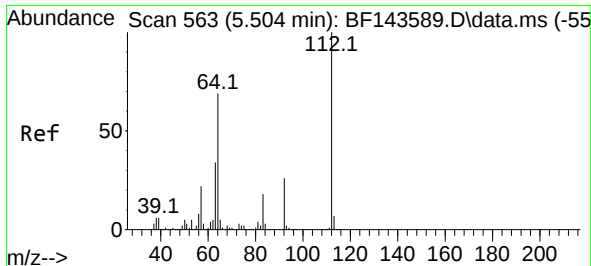
Tgt Ion: 79 Resp: 339971
Ion Ratio Lower Upper
79 100
52 89.8 74.3 111.5
51 41.4 33.5 50.3



#4
n-Nitrosodimethylamine
Concen: 45.968 ng
RT: 3.475 min Scan# 218
Delta R.T. 0.082 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

Tgt Ion: 42 Resp: 176782
Ion Ratio Lower Upper
42 100
74 123.7 98.9 148.3
44 7.7 7.0 10.4

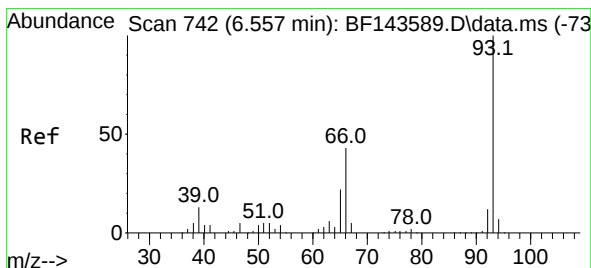
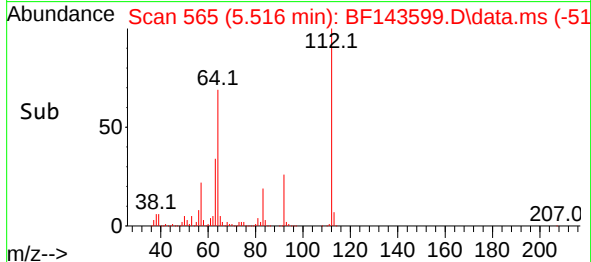
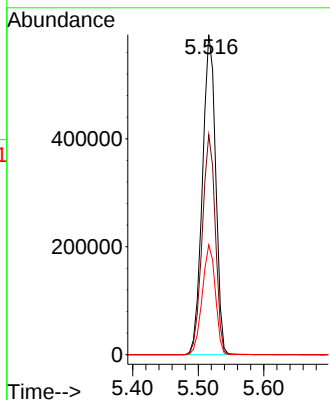
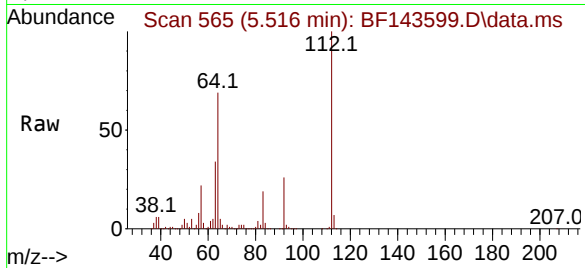




#5
2-Fluorophenol
Concen: 126.713 ng
RT: 5.516 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

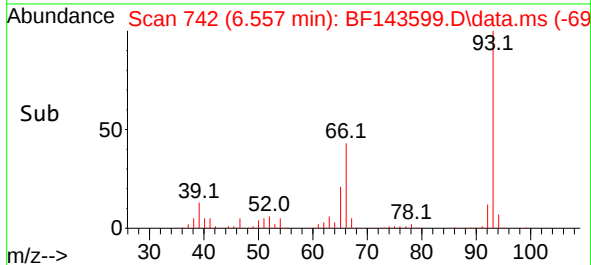
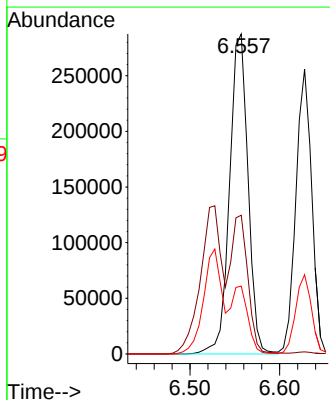
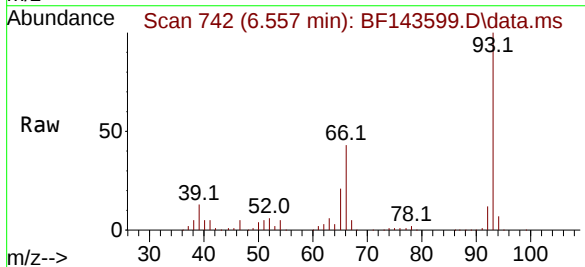
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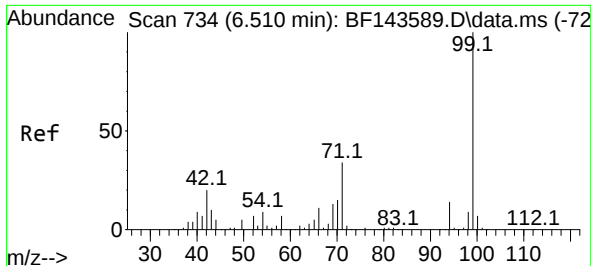
Tgt Ion:112 Resp: 833618
Ion Ratio Lower Upper
112 100
64 68.8 54.8 82.2
63 34.3 27.6 41.4



#6
Aniline
Concen: 36.086 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

Tgt Ion: 93 Resp: 410494
Ion Ratio Lower Upper
93 100
66 43.3 35.0 52.4
65 21.2 17.5 26.3

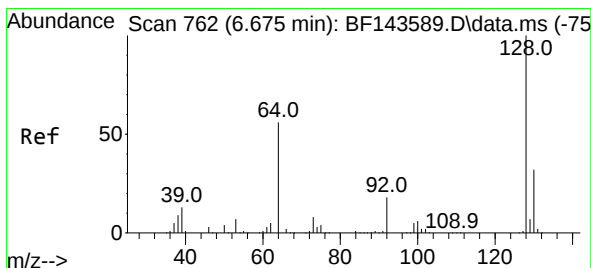
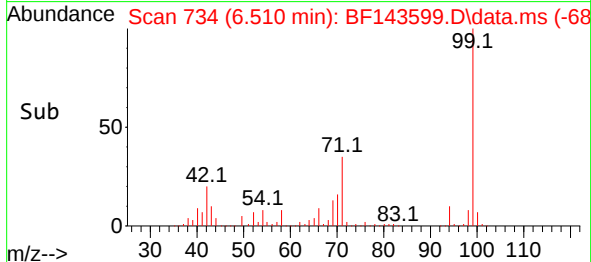
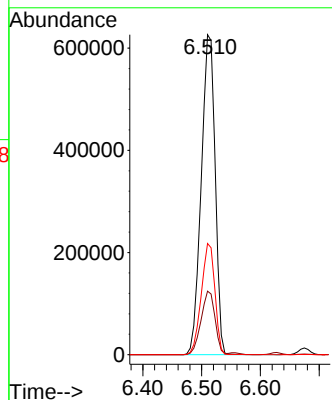
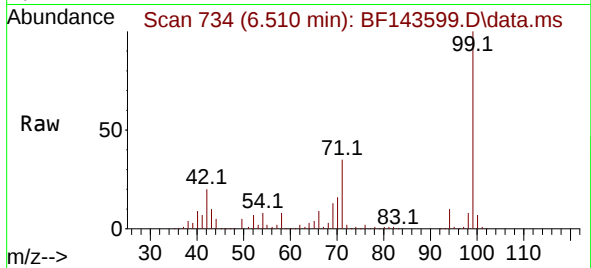




#7
Phenol-d6
Concen: 126.493 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

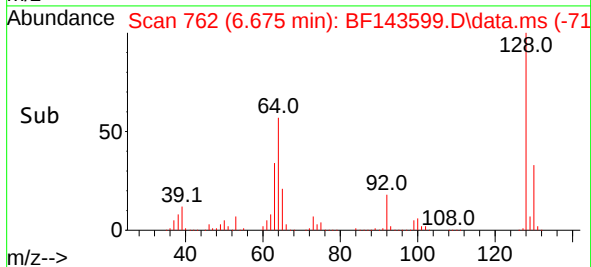
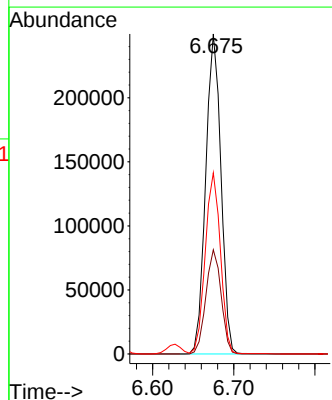
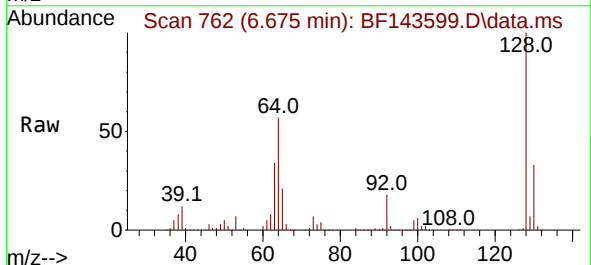
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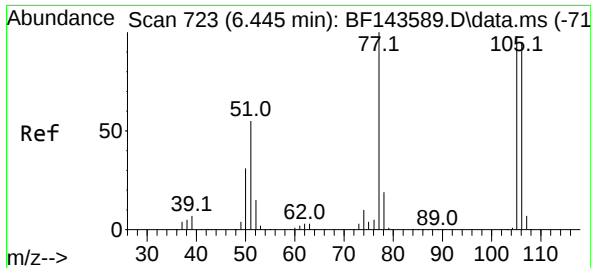
Tgt Ion: 99 Resp: 1030702
Ion Ratio Lower Upper
99 100
42 19.9 15.9 23.9
71 34.8 27.2 40.8



#8
2-Chlorophenol
Concen: 46.709 ng
RT: 6.675 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

Tgt Ion: 128 Resp: 325110
Ion Ratio Lower Upper
128 100
130 32.6 12.3 52.3
64 56.6 38.4 78.4

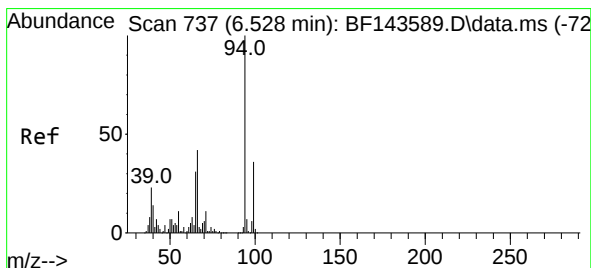
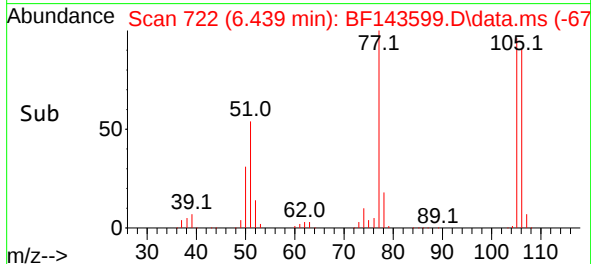
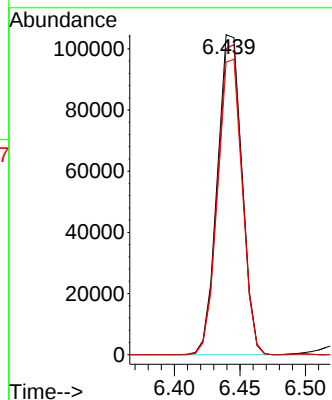
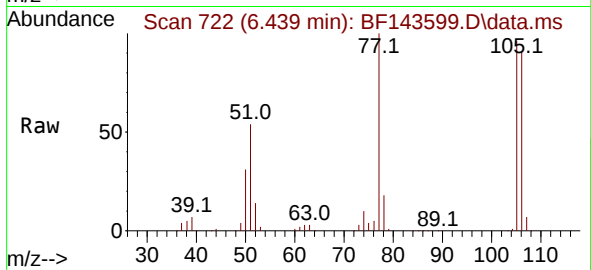




#9
Benzaldehyde
Concen: 22.180 ng
RT: 6.439 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143599.D
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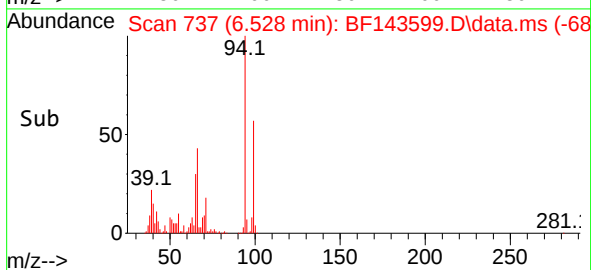
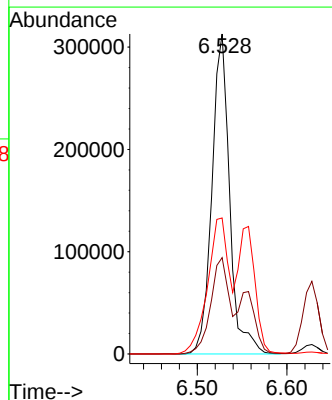
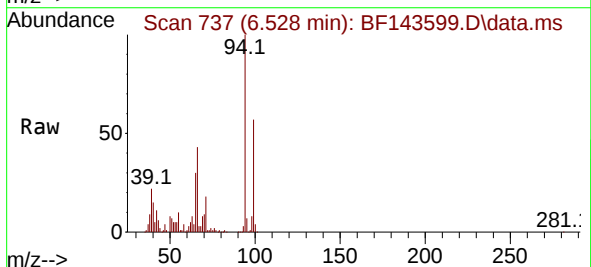
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ClientSampleId :
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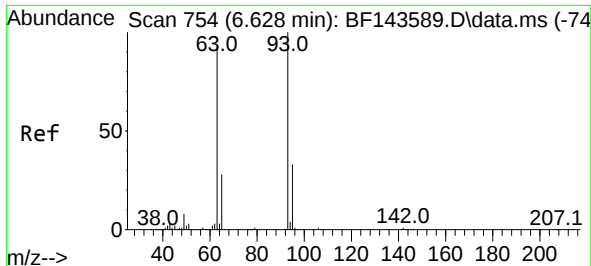
Tgt Ion: 77 Resp: 135986
Ion Ratio Lower Upper
77 100
105 95.7 77.9 117.9
106 91.5 74.9 114.9



#10
Phenol
Concen: 46.938 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

Tgt Ion: 94 Resp: 428953
Ion Ratio Lower Upper
94 100
65 30.1 11.0 51.0
66 42.5 22.1 62.1

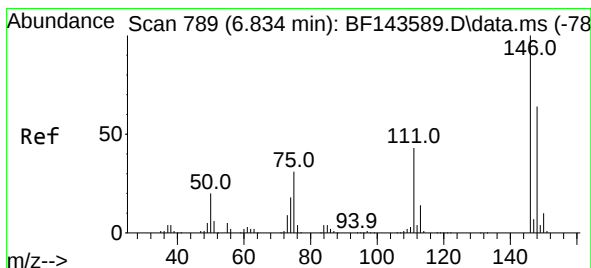
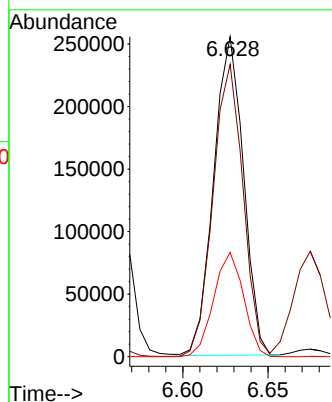
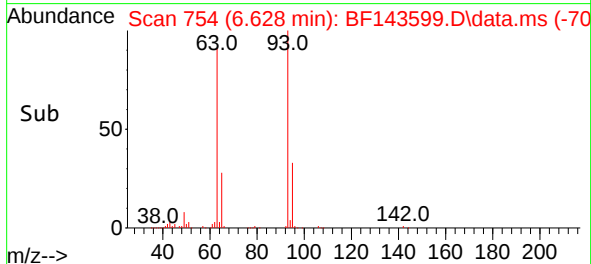
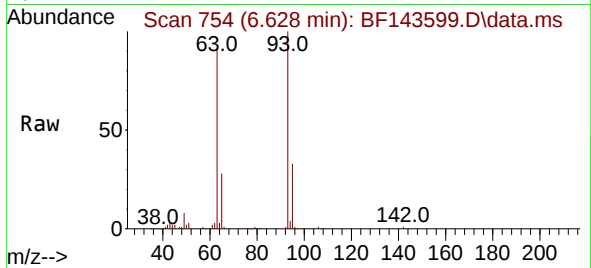




#11
bis(2-Chloroethyl)ether
Concen: 44.230 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

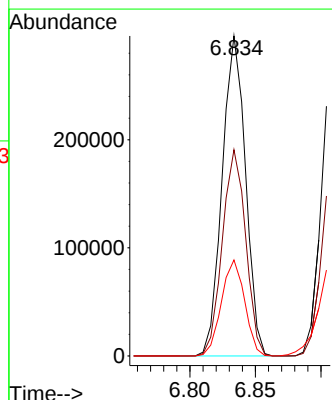
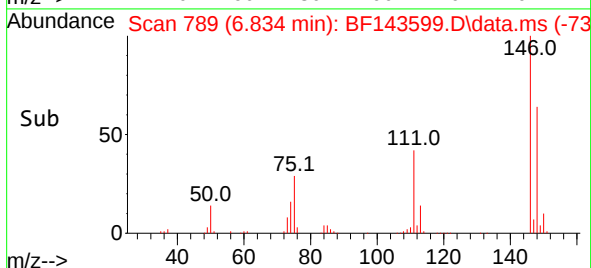
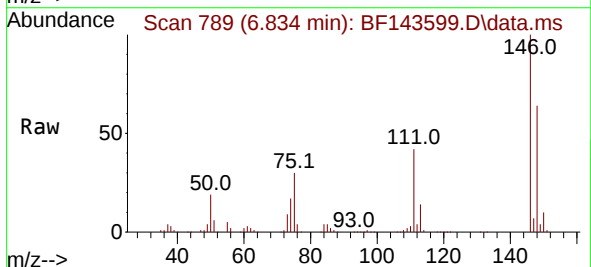
Instrument :
BNA_F
ClientSampleId :
PB169400BSD

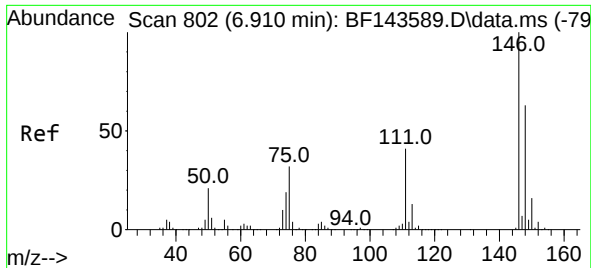
Tgt Ion: 93 Resp: 309736
Ion Ratio Lower Upper
93 100
63 91.3 72.1 112.1
95 32.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 45.767 ng
RT: 6.834 min Scan# 789
Delta R.T. 0.000 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

Tgt Ion:146 Resp: 365908
Ion Ratio Lower Upper
146 100
148 64.5 51.1 76.7
75 30.0 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 45.780 ng

RT: 6.910 min Scan# 802

Delta R.T. 0.000 min

Lab File: BF143599.D

Acq: 27 Aug 2025 10:44

Instrument :

BNA_F

ClientSampleId :

PB169400BSD

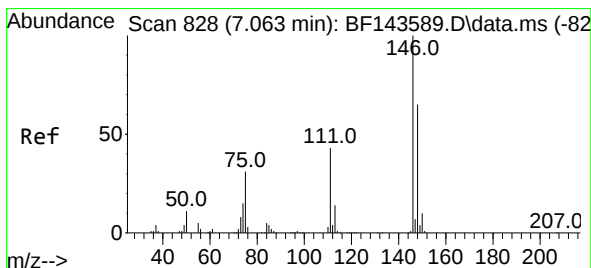
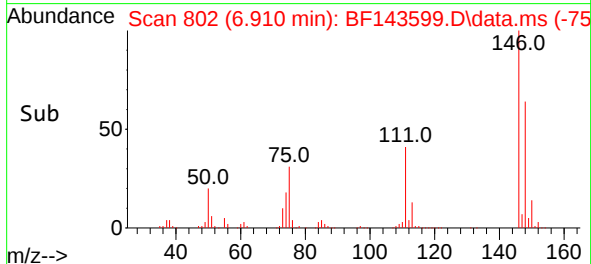
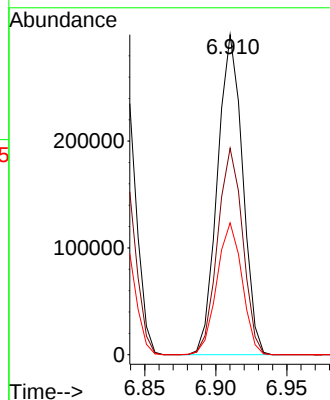
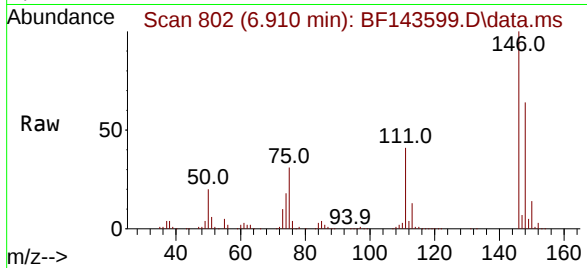
Tgt Ion:146 Resp: 369066

Ion Ratio Lower Upper

146 100

148 64.5 50.6 75.8

111 41.2 32.4 48.6



#14

1,2-Dichlorobenzene

Concen: 46.460 ng

RT: 7.063 min Scan# 828

Delta R.T. 0.000 min

Lab File: BF143599.D

Acq: 27 Aug 2025 10:44

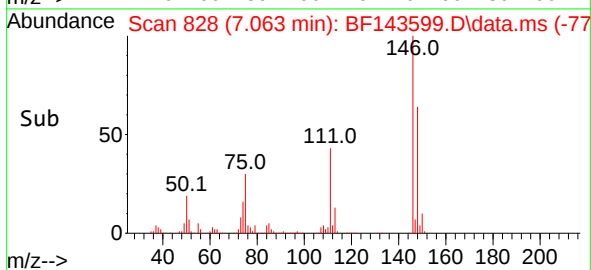
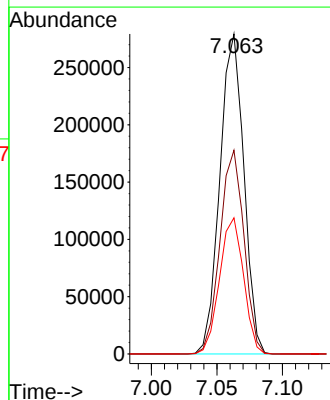
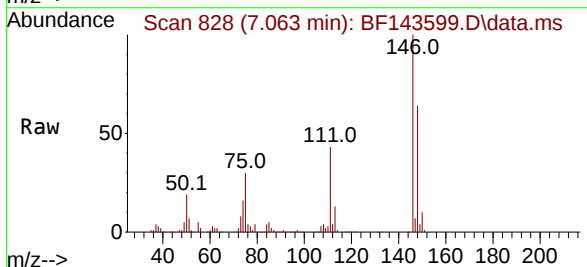
Tgt Ion:146 Resp: 355277

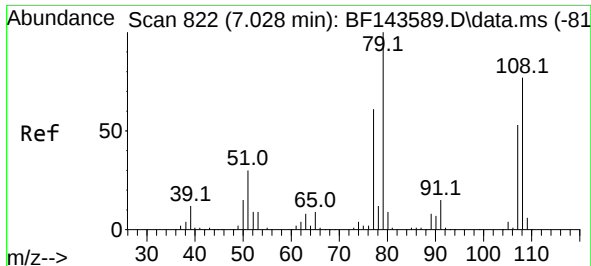
Ion Ratio Lower Upper

146 100

148 63.6 51.7 77.5

111 42.6 34.7 52.1



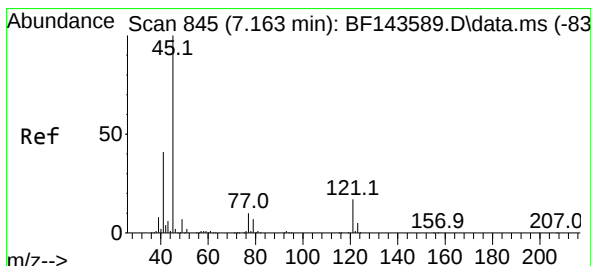
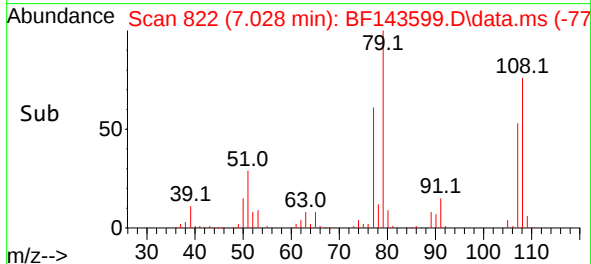
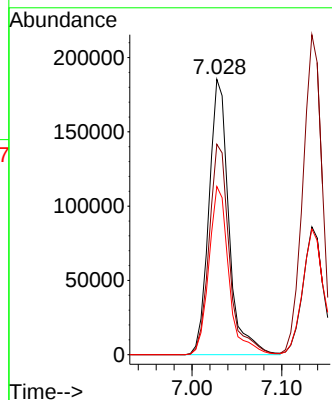
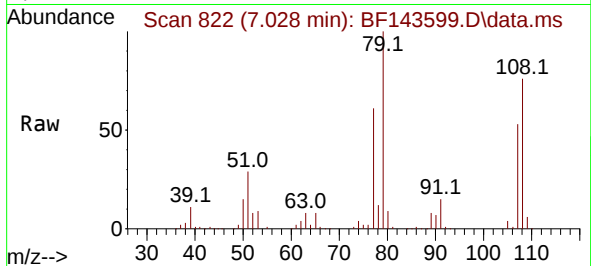


#15
Benzyl Alcohol
Concen: 46.911 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

Instrument :
BNA_F
ClientSampleId :
PB169400BSD

Tgt Ion: 79 Resp: 286472

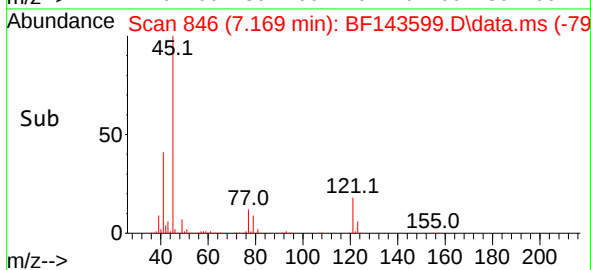
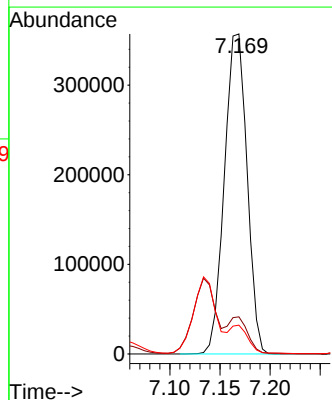
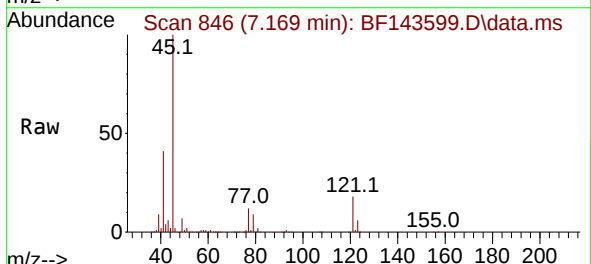
Ion	Ratio	Lower	Upper
79	100		
108	76.4	61.3	91.9
77	61.1	48.7	73.1

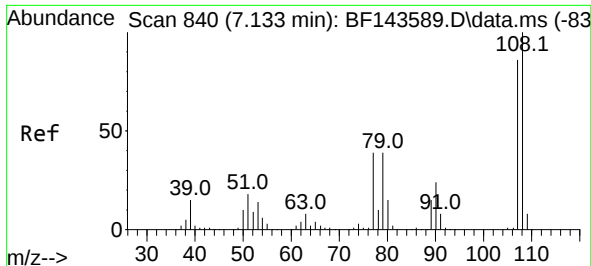


#16
2,2'-oxybis(1-chloropropane)
Concen: 43.356 ng
RT: 7.169 min Scan# 846
Delta R.T. 0.006 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

Tgt Ion: 45 Resp: 560431

Ion	Ratio	Lower	Upper
45	100		
77	11.6	0.0	31.1
79	9.0	0.0	28.1

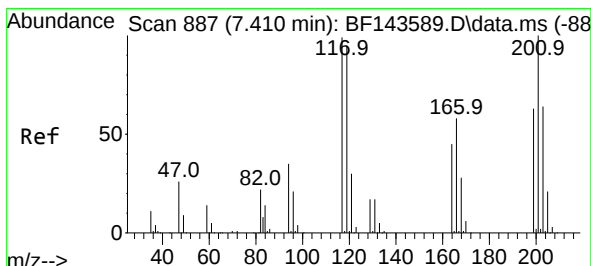
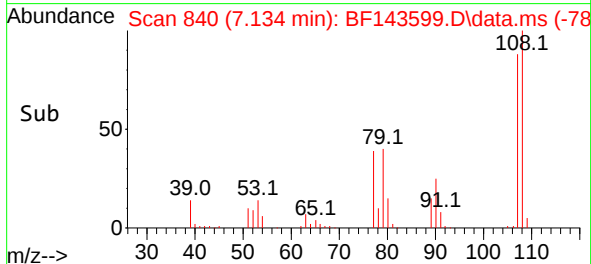
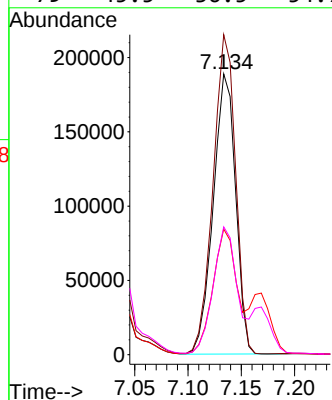
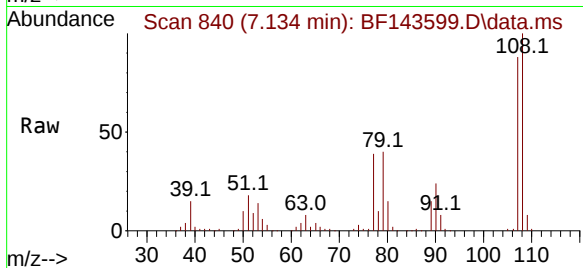




#17
2-Methylphenol
Concen: 46.681 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

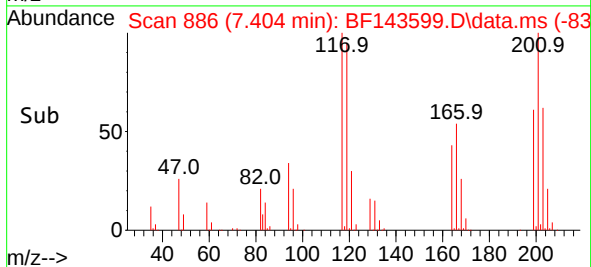
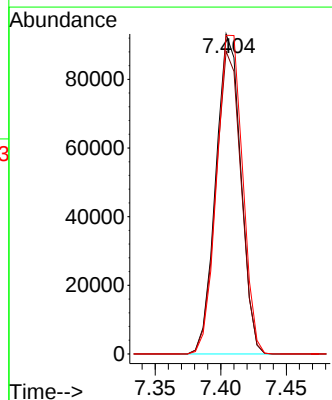
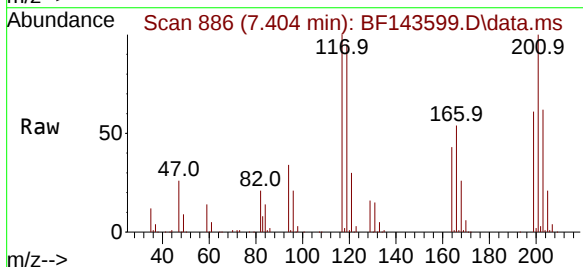
Instrument :
BNA_F
ClientSampleId :
PB169400BSD

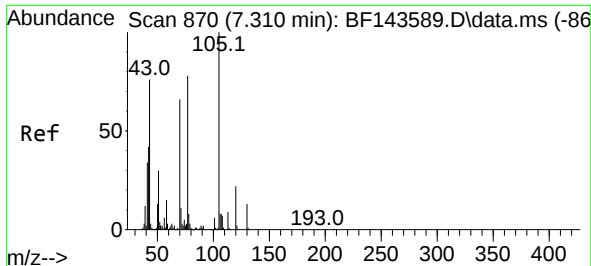
Tgt Ion:	107	Resp:	275828
Ion	Ratio	Lower	Upper
107	100		
108	113.9	92.6	138.8
77	44.7	36.3	54.5
79	45.5	36.5	54.7



#18
Hexachloroethane
Concen: 48.245 ng
RT: 7.404 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

Tgt Ion:	117	Resp:	123585
Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.6	115.0
201	99.6	81.0	121.4





#19

n-Nitroso-di-n-propylamine

Concen: 46.624 ng

RT: 7.304 min Scan# 8

Delta R.T. -0.006 min

Lab File: BF143599.D

Acq: 27 Aug 2025 10:44

Instrument :

BNA_F

ClientSampleId :

PB169400BSD

Tgt Ion: 70 Resp: 240673

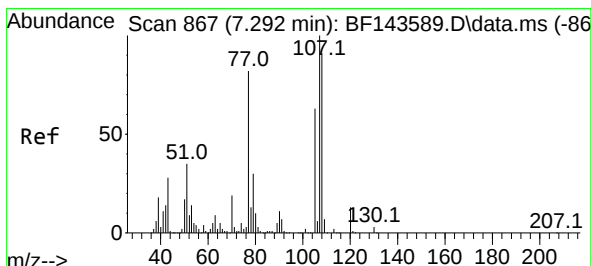
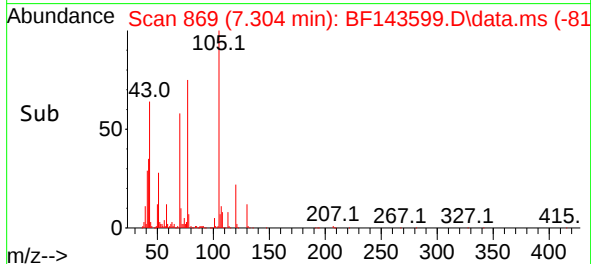
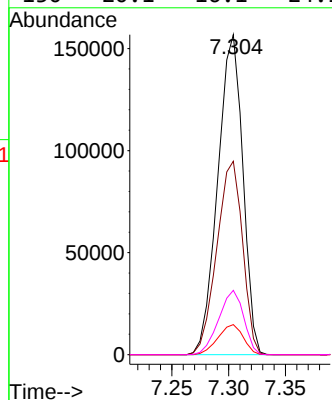
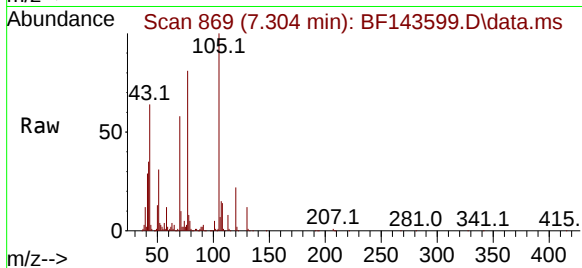
Ion Ratio Lower Upper

70 100

42 60.5 50.6 75.8

101 9.4 7.5 11.3

130 20.1 16.1 24.1



#20

3+4-Methylphenols

Concen: 46.703 ng

RT: 7.286 min Scan# 866

Delta R.T. -0.006 min

Lab File: BF143599.D

Acq: 27 Aug 2025 10:44

Tgt Ion: 107 Resp: 338932

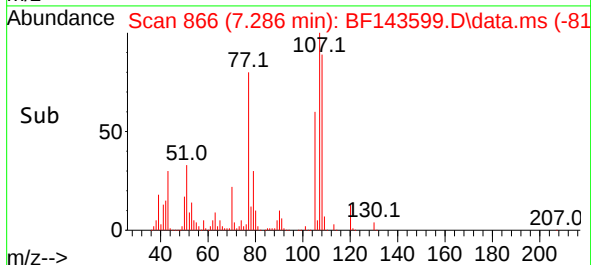
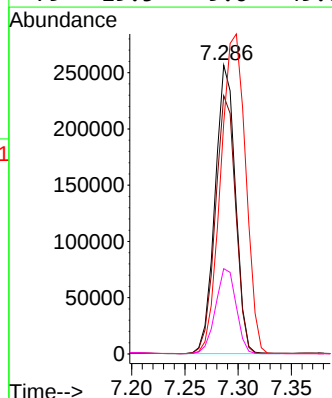
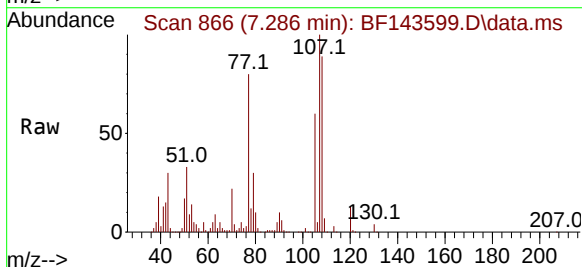
Ion Ratio Lower Upper

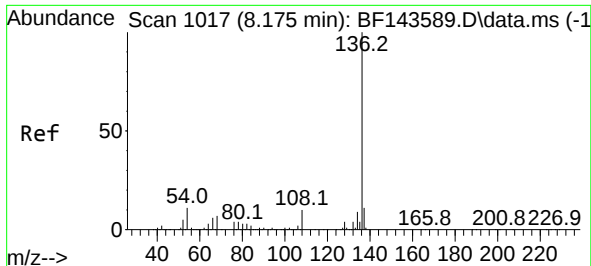
107 100

108 89.4 71.1 111.1

77 79.9 62.5 102.5

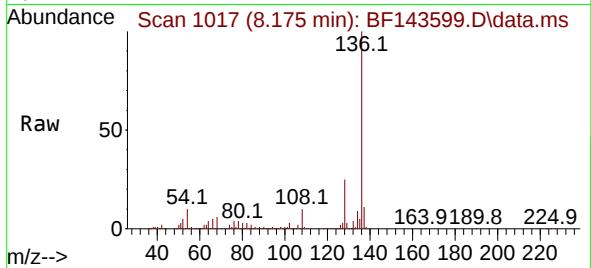
79 29.5 9.6 49.6





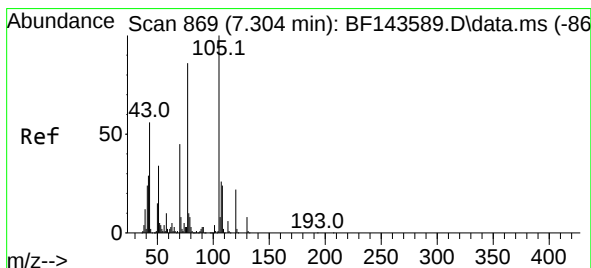
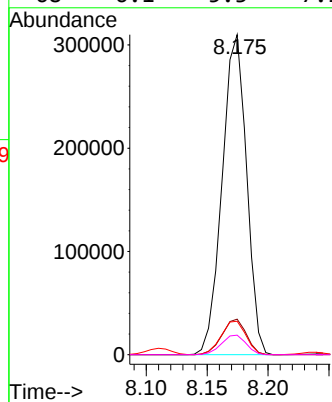
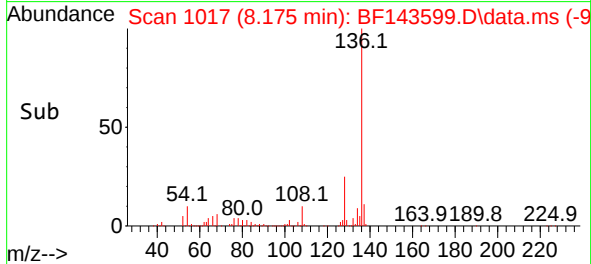
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

Instrument :
BNA_F
ClientSampleId :
PB169400BSD



Tgt Ion:136 Resp: 432799

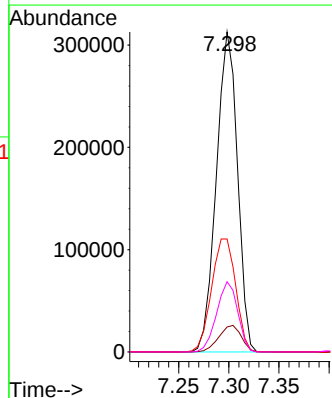
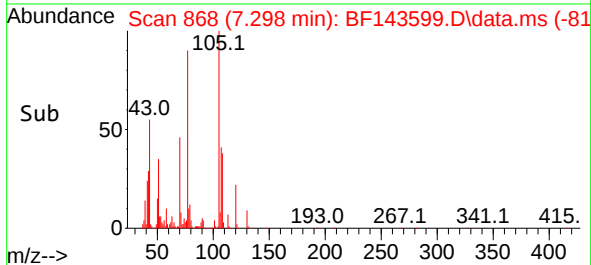
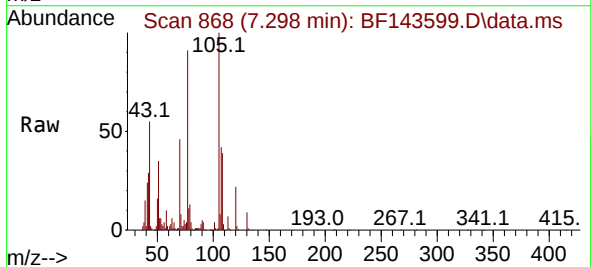
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.4	9.0	13.6
68	6.1	5.3	7.9

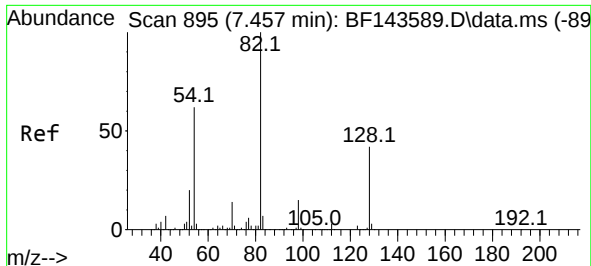


#22
Acetophenone
Concen: 46.943 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

Tgt Ion:105 Resp: 457550

Ion	Ratio	Lower	Upper
105	100		
71	7.8	6.0	9.0
51	35.3	27.0	40.6
120	21.9	17.8	26.6





#23

Nitrobenzene-d5

Concen: 106.887 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF143599.D

Acq: 27 Aug 2025 10:44

Instrument :

BNA_F

ClientSampleId :

PB169400BSD

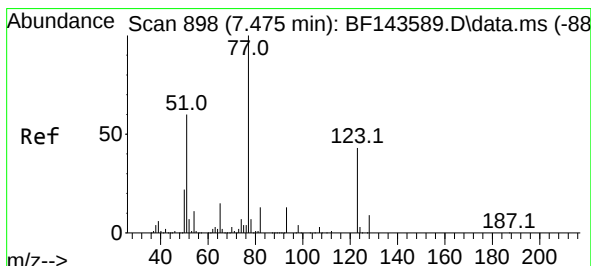
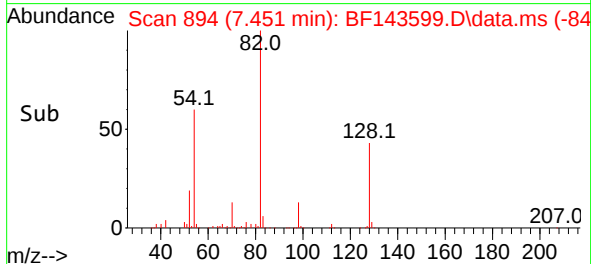
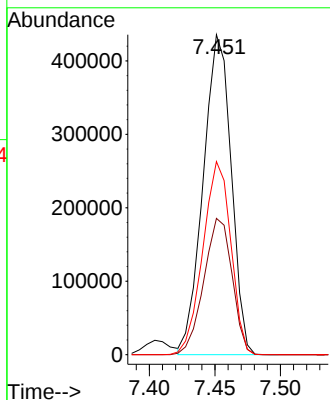
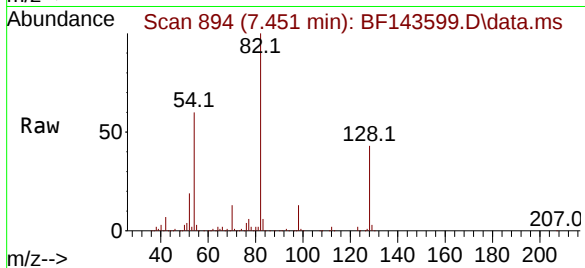
Tgt Ion: 82 Resp: 647901

Ion Ratio Lower Upper

82 100

128 42.6 33.4 50.2

54 60.3 49.3 73.9



#24

Nitrobenzene

Concen: 53.431 ng

RT: 7.469 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF143599.D

Acq: 27 Aug 2025 10:44

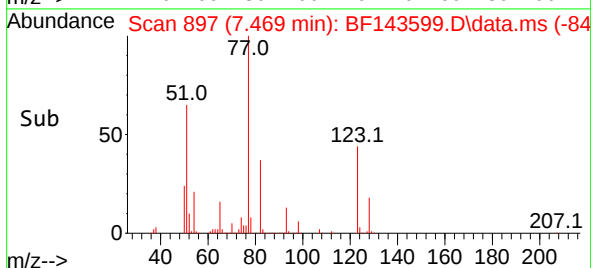
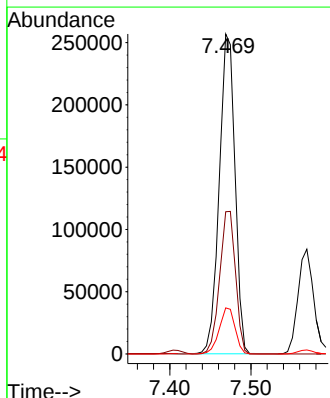
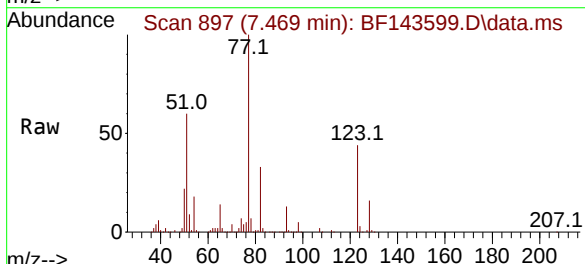
Tgt Ion: 77 Resp: 347228

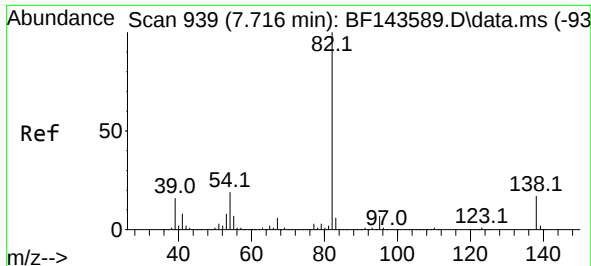
Ion Ratio Lower Upper

77 100

123 44.4 34.9 52.3

65 14.4 12.0 18.0

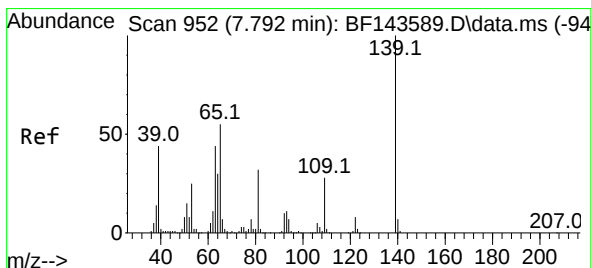
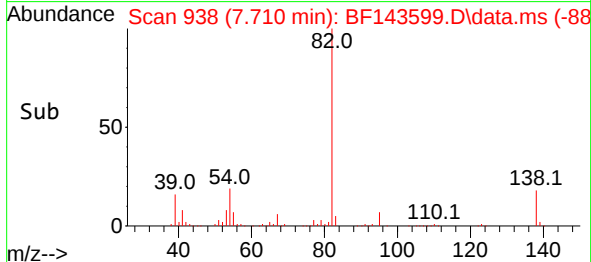
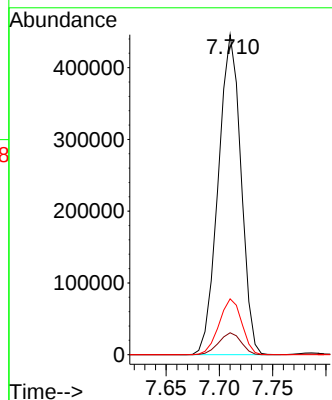
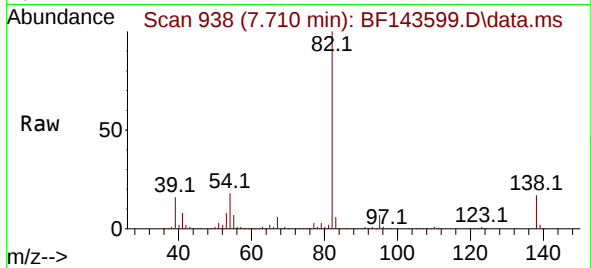




#25
Isophorone
Concen: 46.512 ng
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

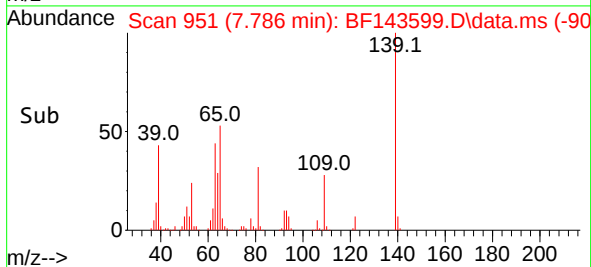
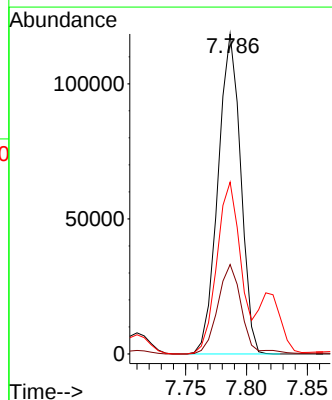
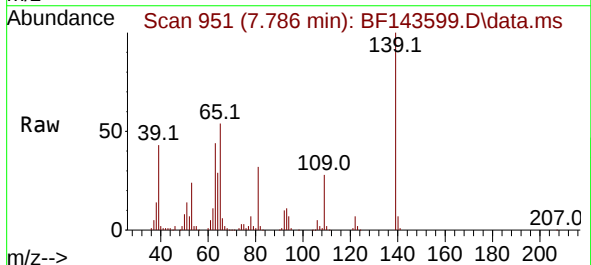
Instrument :
BNA_F
ClientSampleId :
PB169400BSD

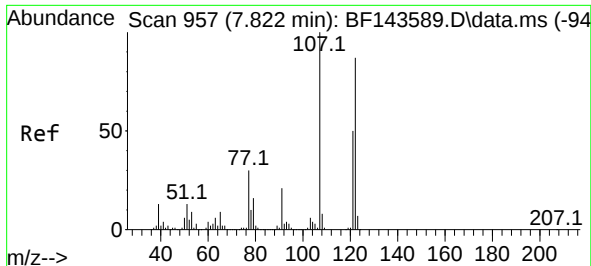
Tgt Ion: 82 Resp: 659776
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.4 13.8 20.8



#26
2-Nitrophenol
Concen: 55.090 ng
RT: 7.786 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

Tgt Ion: 139 Resp: 153497
Ion Ratio Lower Upper
139 100
109 28.0 22.3 33.5
65 53.7 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 51.186 ng

RT: 7.822 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF143599.D

Acq: 27 Aug 2025 10:44

Instrument :

BNA_F

ClientSampleId :

PB169400BSD

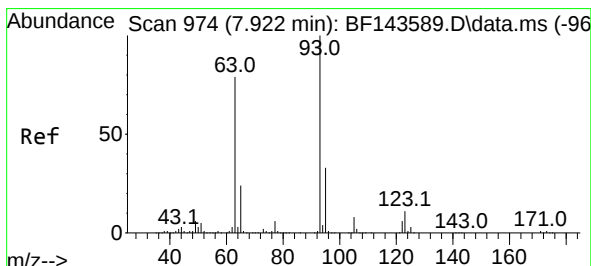
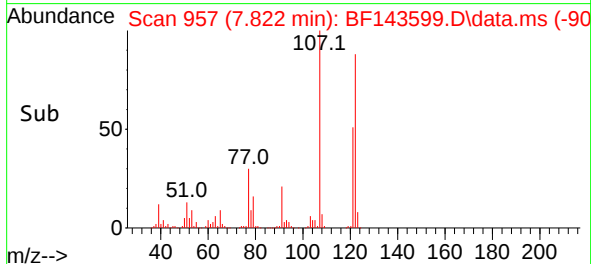
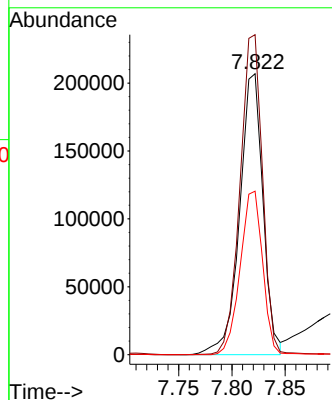
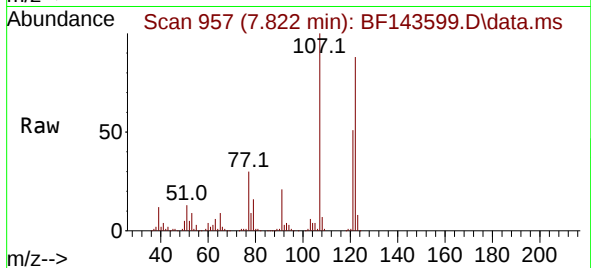
Tgt Ion:122 Resp: 315916

Ion Ratio Lower Upper

122 100

107 113.9 92.1 138.1

121 58.2 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 46.187 ng

RT: 7.922 min Scan# 974

Delta R.T. 0.000 min

Lab File: BF143599.D

Acq: 27 Aug 2025 10:44

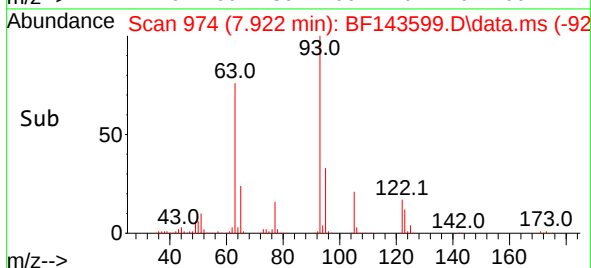
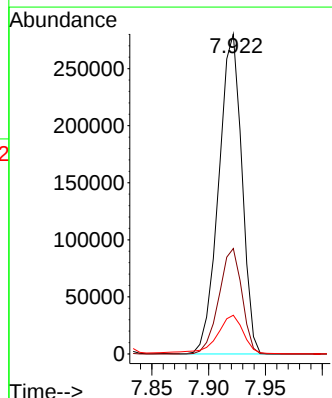
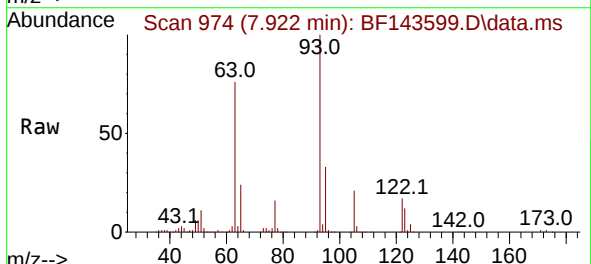
Tgt Ion: 93 Resp: 396391

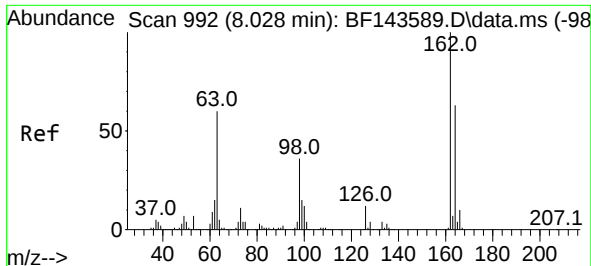
Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.2

123 12.1 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 48.180 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143599.D

Acq: 27 Aug 2025 10:44

Instrument :

BNA_F

ClientSampleId :

PB169400BSD

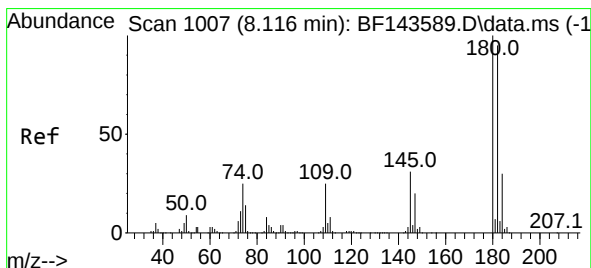
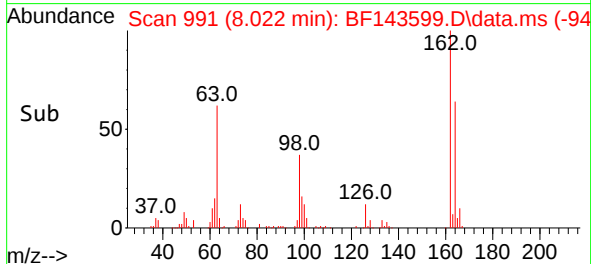
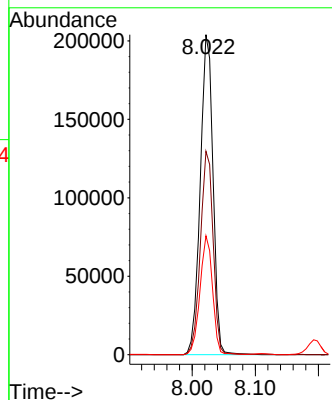
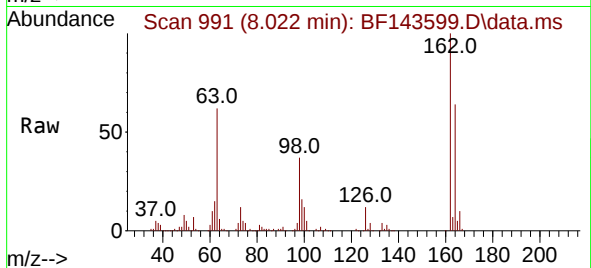
Tgt Ion:162 Resp: 286503

Ion Ratio Lower Upper

162 100

164 63.6 43.3 83.3

98 37.1 16.1 56.1



#30

1,2,4-Trichlorobenzene

Concen: 49.314 ng

RT: 8.110 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF143599.D

Acq: 27 Aug 2025 10:44

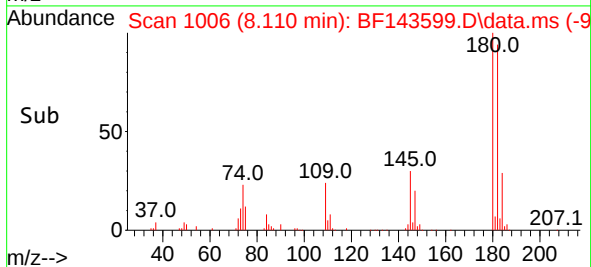
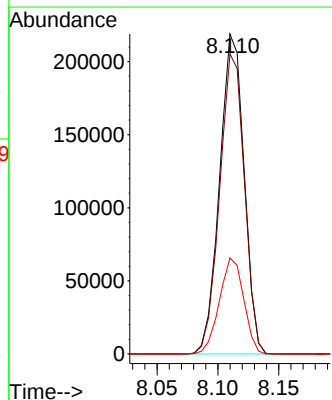
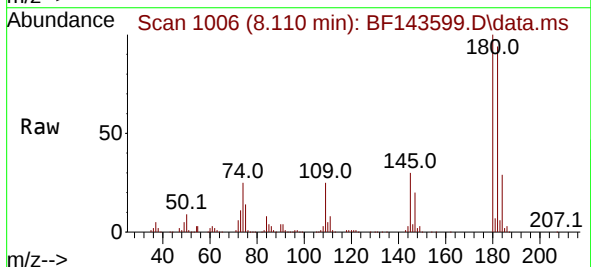
Tgt Ion:180 Resp: 306177

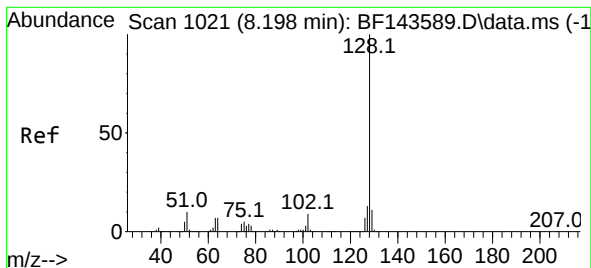
Ion Ratio Lower Upper

180 100

182 93.7 75.8 113.6

145 30.0 24.5 36.7





#31

Naphthalene

Concen: 45.622 ng

RT: 8.192 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143599.D

Acq: 27 Aug 2025 10:44

Instrument :

BNA_F

ClientSampleId :

PB169400BSD

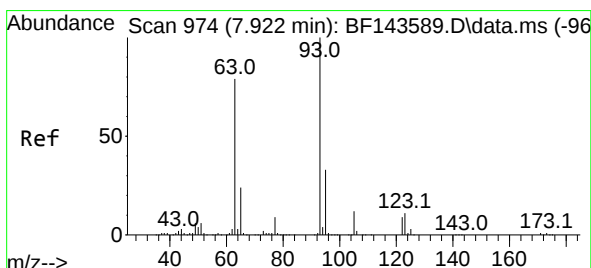
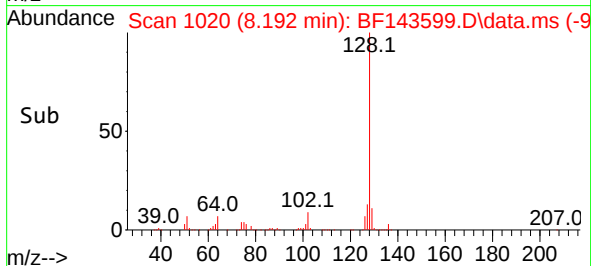
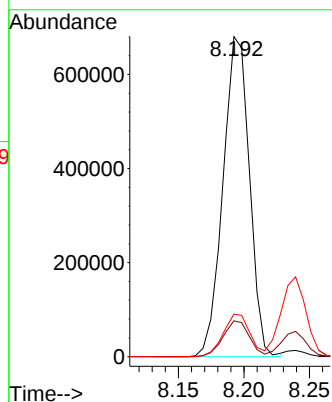
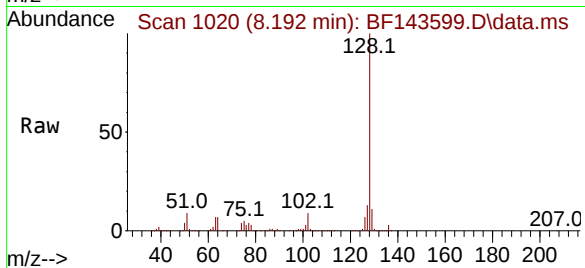
Tgt Ion:128 Resp: 953986

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.4

127 13.3 10.6 15.8



#32

Benzoic acid

Concen: 51.671 ng

RT: 7.928 min Scan# 975

Delta R.T. 0.006 min

Lab File: BF143599.D

Acq: 27 Aug 2025 10:44

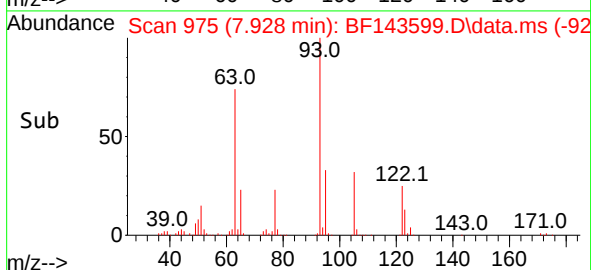
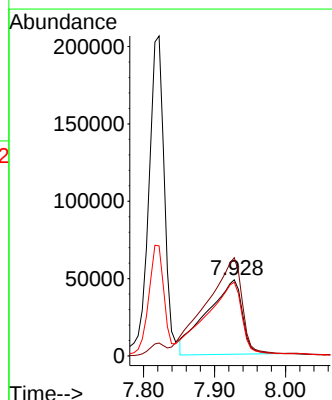
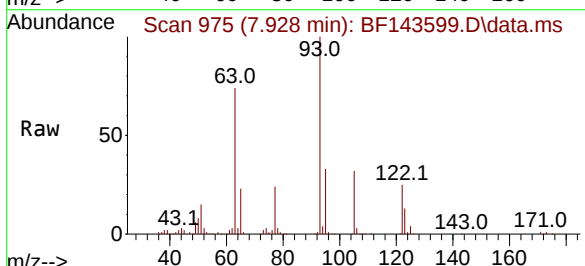
Tgt Ion:122 Resp: 167255

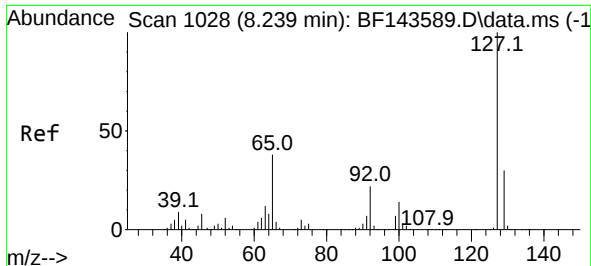
Ion Ratio Lower Upper

122 100

105 128.9 106.4 146.4

77 96.8 79.3 119.3

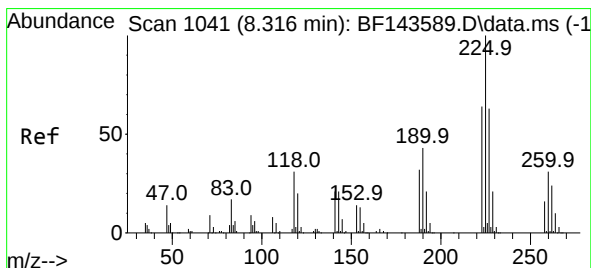
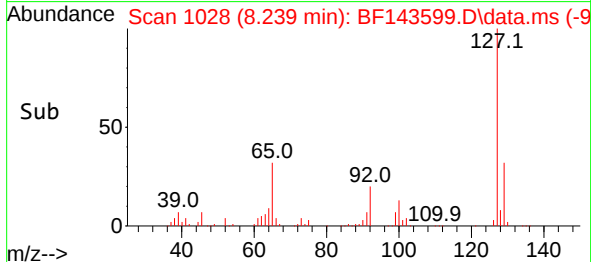
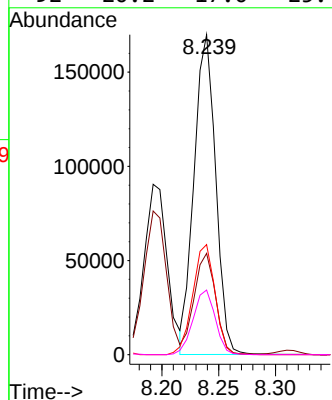
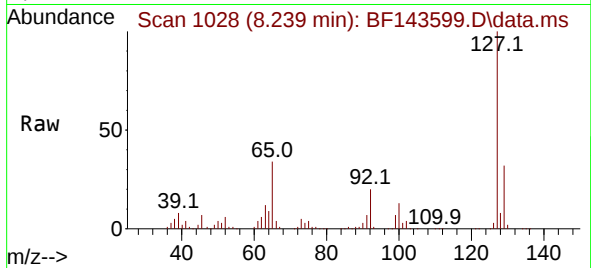




#33
4-Chloroaniline
Concen: 30.418 ng
RT: 8.239 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

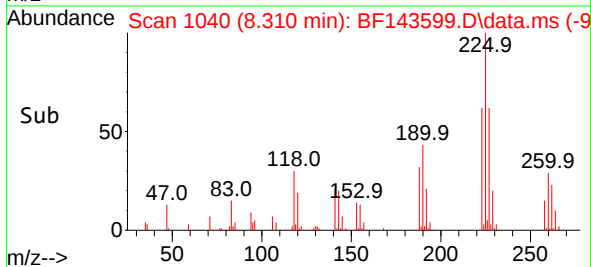
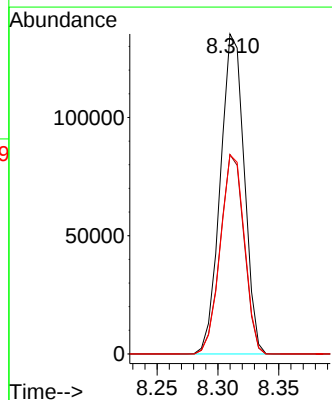
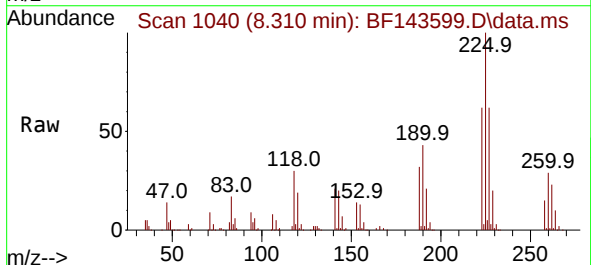
Instrument :
BNA_F
ClientSampleId :
PB169400BSD

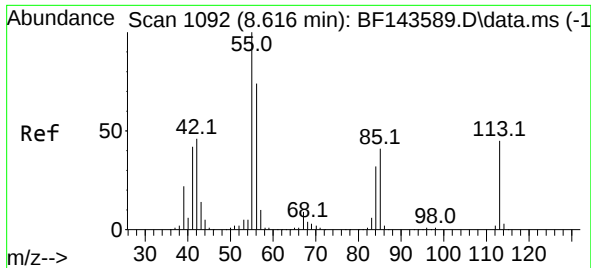
Tgt Ion:	127	Resp:	224708
Ion Ratio	Lower	Upper	
127	100		
129	31.6	25.8	38.6
65	34.4	29.7	44.5
92	20.2	17.0	25.4



#34
Hexachlorobutadiene
Concen: 47.179 ng
RT: 8.310 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

Tgt Ion:	225	Resp:	184577
Ion Ratio	Lower	Upper	
225	100		
223	62.3	50.8	76.2
227	62.3	50.6	76.0

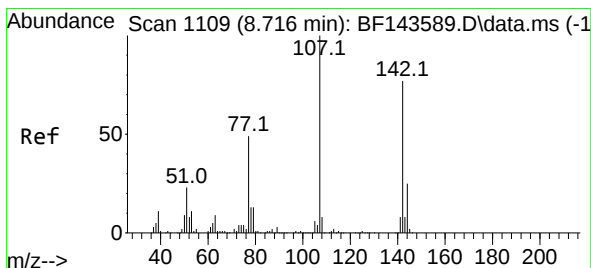
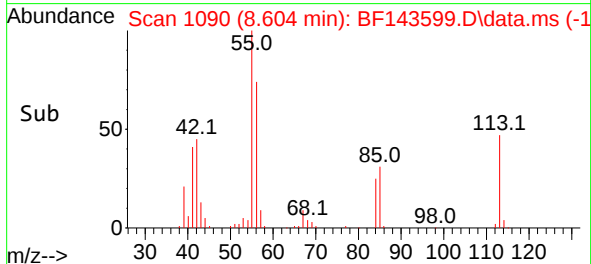
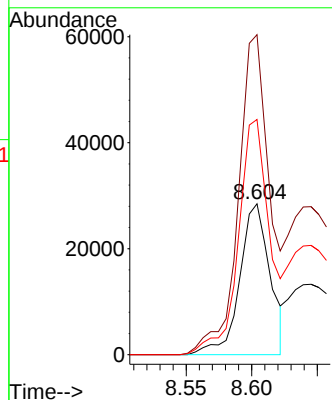
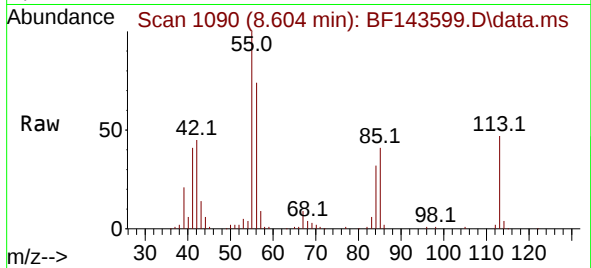




#35
Caprolactam
Concen: 27.154 ng
RT: 8.604 min Scan# 1109
Delta R.T. -0.012 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

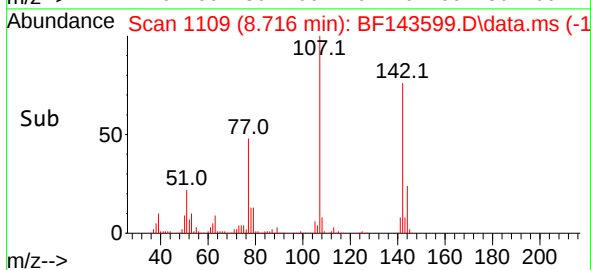
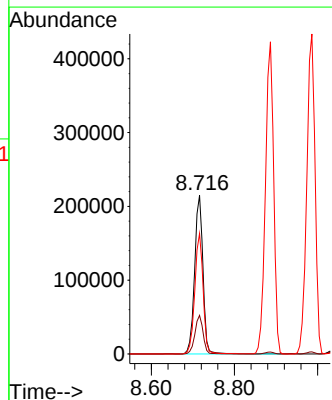
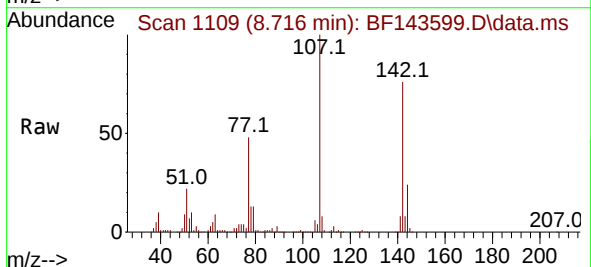
Instrument :
BNA_F
ClientSampleId :
PB169400BSD

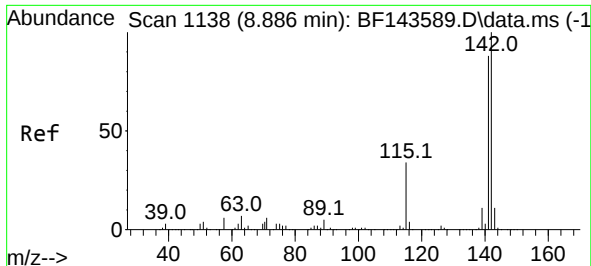
Tgt Ion:113 Resp: 45873
Ion Ratio Lower Upper
113 100
55 212.0 202.1 242.1
56 155.9 145.4 185.4



#36
4-Chloro-3-methylphenol
Concen: 48.048 ng
RT: 8.716 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

Tgt Ion:107 Resp: 298710
Ion Ratio Lower Upper
107 100
144 24.3 19.8 29.6
142 76.0 61.7 92.5

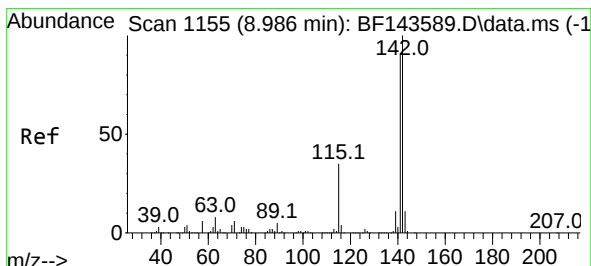
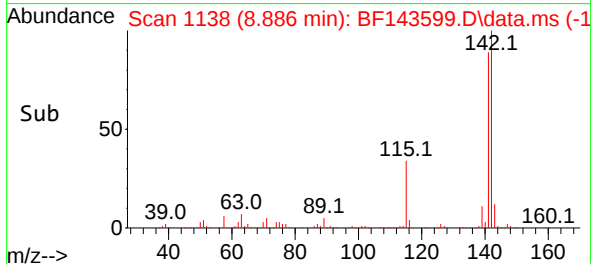
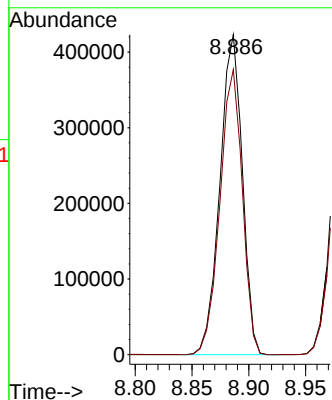
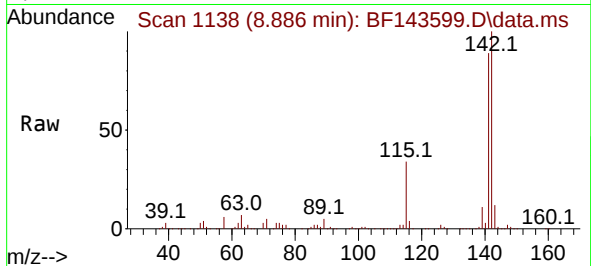




#37
2-Methylnaphthalene
Concen: 42.047 ng
RT: 8.886 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

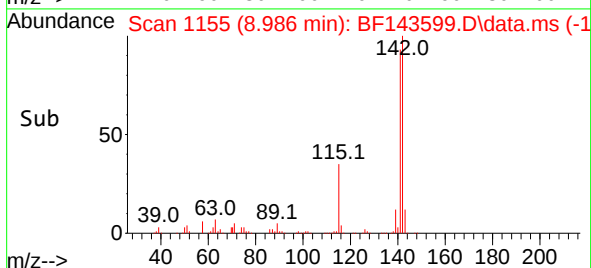
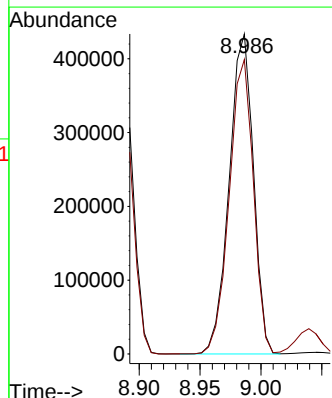
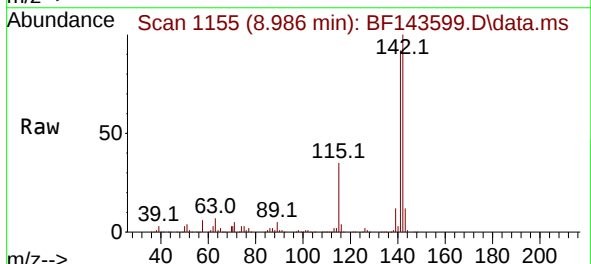
Instrument :
BNA_F
ClientSampleId :
PB169400BSD

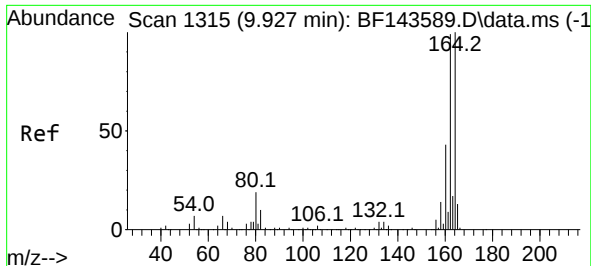
Tgt Ion:142 Resp: 580633
Ion Ratio Lower Upper
142 100
141 89.1 70.2 105.4



#38
1-Methylnaphthalene
Concen: 45.006 ng
RT: 8.986 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

Tgt Ion:142 Resp: 599819
Ion Ratio Lower Upper
142 100
141 92.0 72.6 109.0

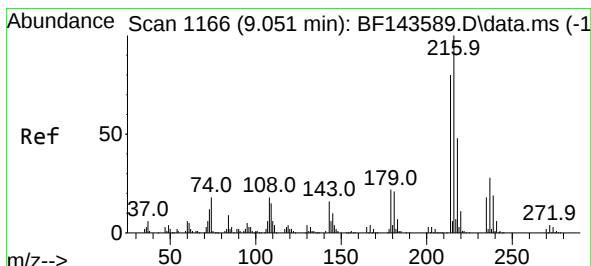
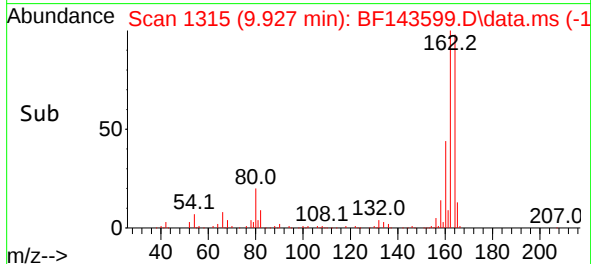
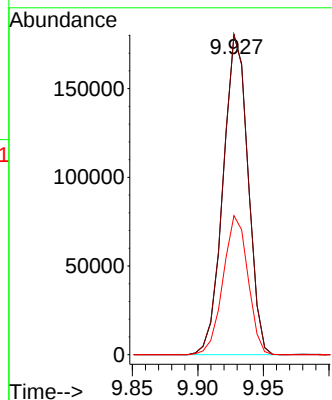
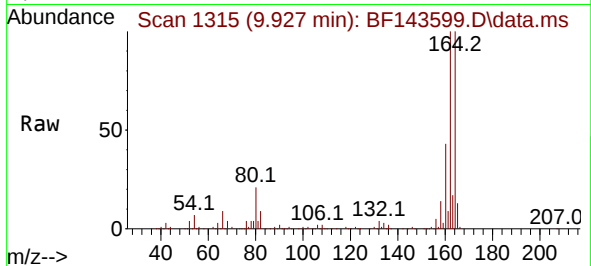




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

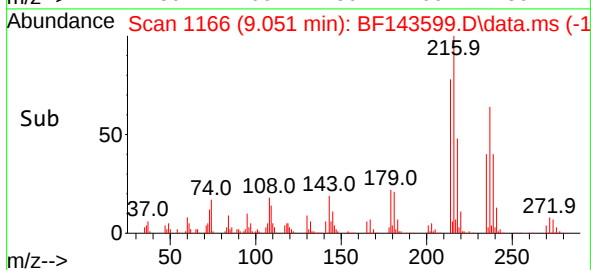
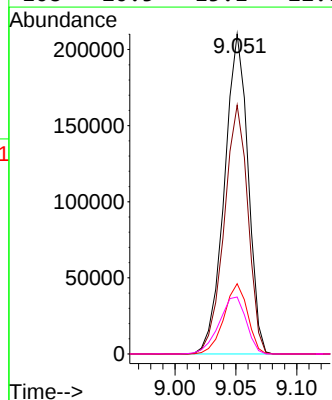
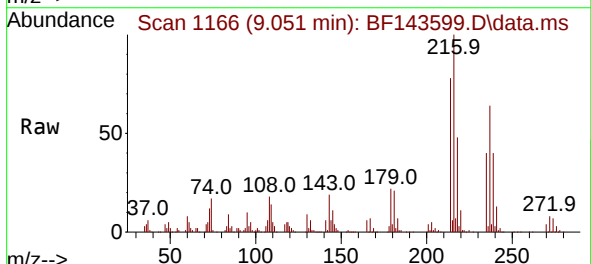
Instrument :
BNA_F
ClientSampleId :
PB169400BSD

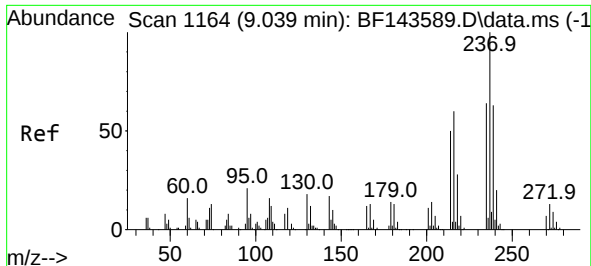
Tgt Ion:164 Resp: 237638
Ion Ratio Lower Upper
164 100
162 100.0 79.5 119.3
160 43.5 34.2 51.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.944 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

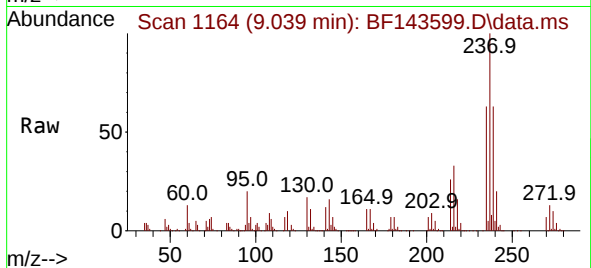
Tgt Ion:216 Resp: 283986
Ion Ratio Lower Upper
216 100
214 77.9 64.1 96.1
179 21.9 17.4 26.0
108 20.5 15.1 22.7



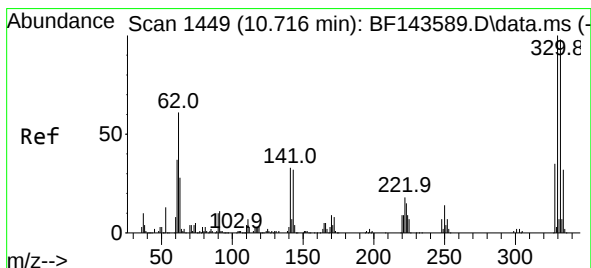
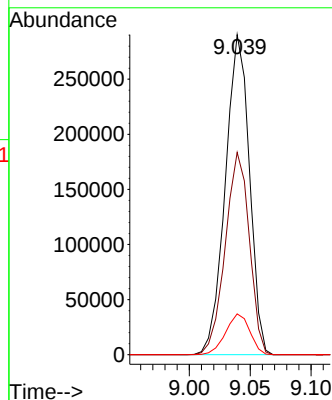
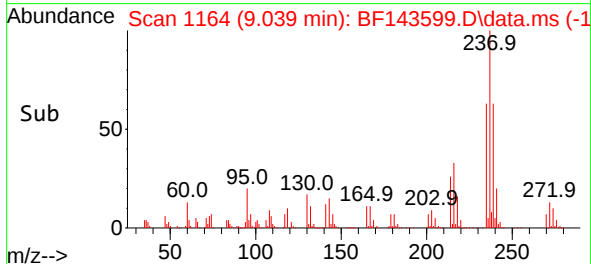


#41
Hexachlorocyclopentadiene
Concen: 131.399 ng
RT: 9.039 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

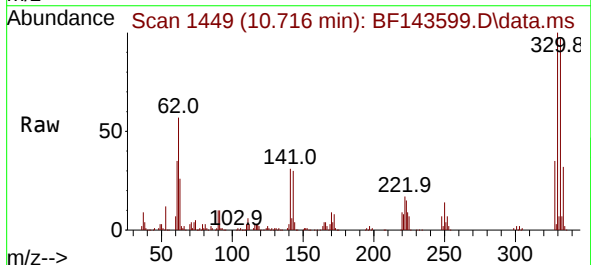
Instrument :
BNA_F
ClientSampleId :
PB169400BSD



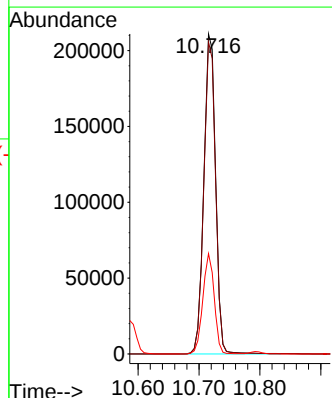
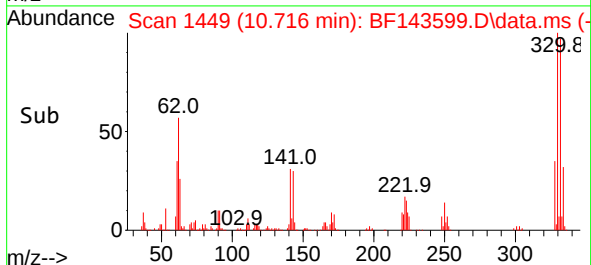
Tgt Ion:237 Resp: 399556
Ion Ratio Lower Upper
237 100
235 63.2 43.8 83.8
272 12.7 0.0 32.8

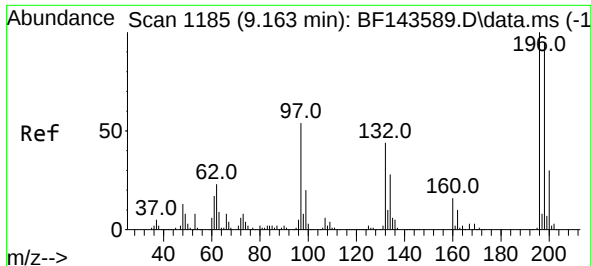


#42
2,4,6-Tribromophenol
Concen: 152.160 ng
RT: 10.716 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44



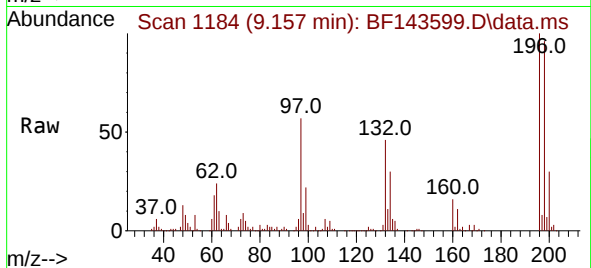
Tgt Ion:330 Resp: 282771
Ion Ratio Lower Upper
330 100
332 97.6 78.2 117.4
141 30.4 25.4 38.0



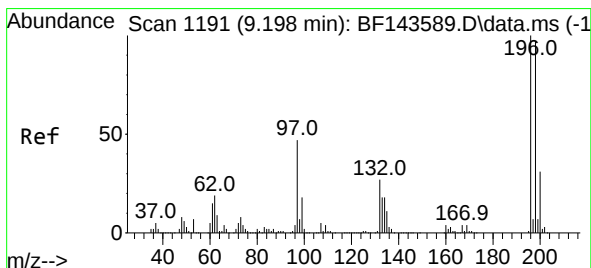
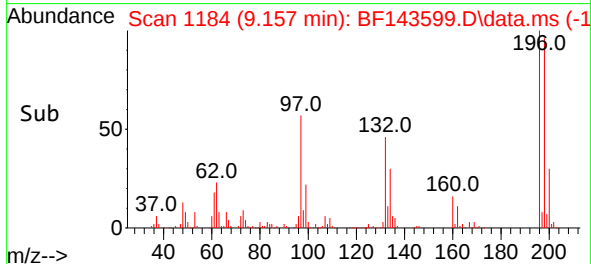
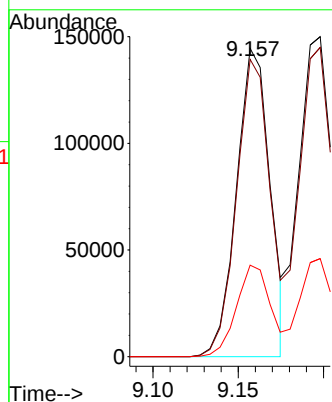


#43
2,4,6-Trichlorophenol
Concen: 48.338 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

Instrument :
BNA_F
ClientSampleId :
PB169400BSD

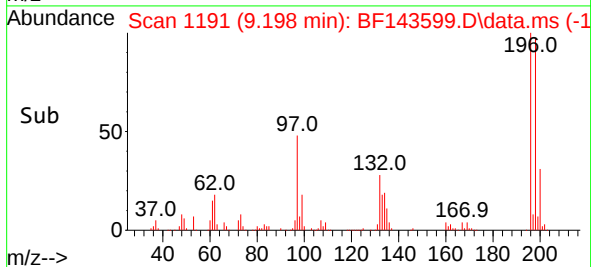
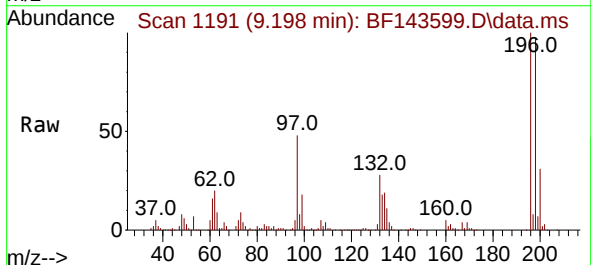
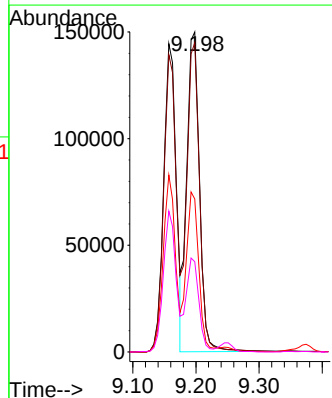


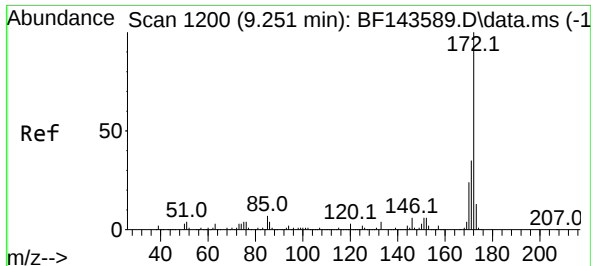
Tgt Ion:196 Resp: 197436
Ion Ratio Lower Upper
196 100
198 96.4 75.8 113.6
200 29.7 24.2 36.4



#44
2,4,5-Trichlorophenol
Concen: 51.270 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

Tgt Ion:196 Resp: 211603
Ion Ratio Lower Upper
196 100
198 96.6 77.0 115.6
97 47.8 39.3 58.9
132 28.2 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 92.101 ng

RT: 9.251 min Scan# 1200

Delta R.T. 0.000 min

Lab File: BF143599.D

Acq: 27 Aug 2025 10:44

Instrument :

BNA_F

ClientSampleId :

PB169400BSD

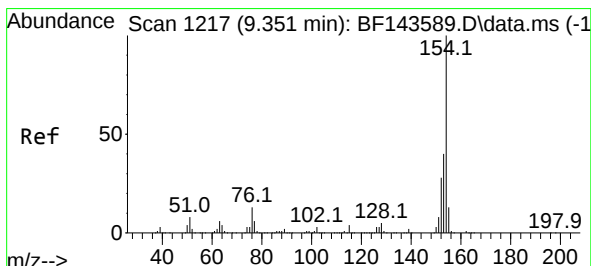
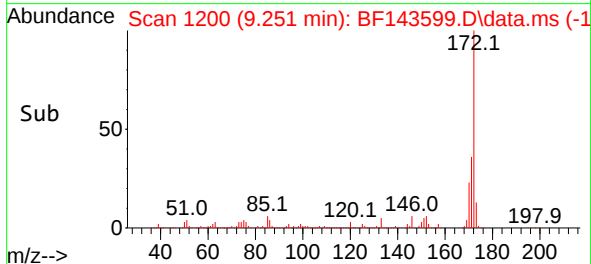
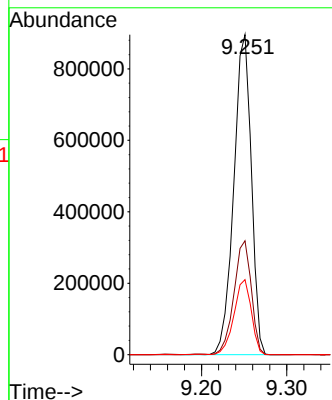
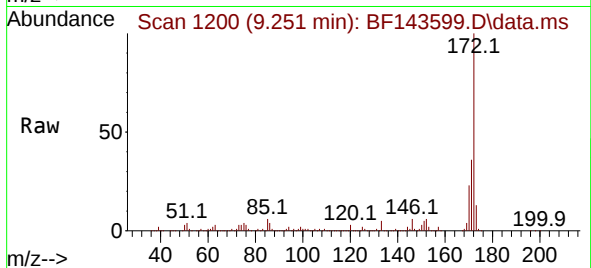
Tgt Ion:172 Resp: 1280102

Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.5 19.0 28.4



#46

1,1'-Biphenyl

Concen: 47.525 ng

RT: 9.351 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF143599.D

Acq: 27 Aug 2025 10:44

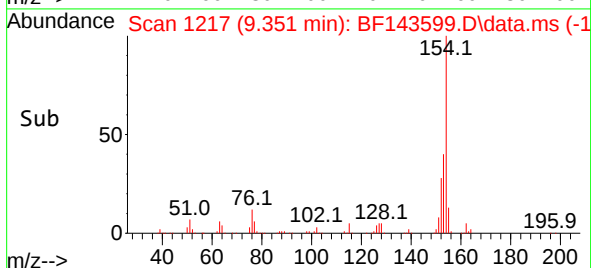
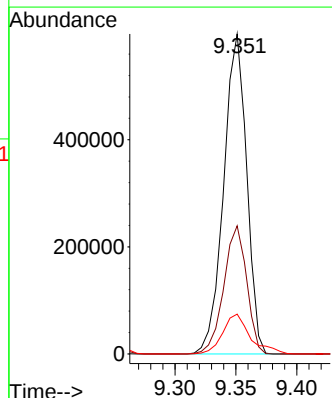
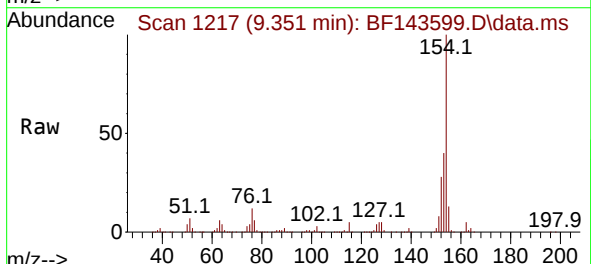
Tgt Ion:154 Resp: 783645

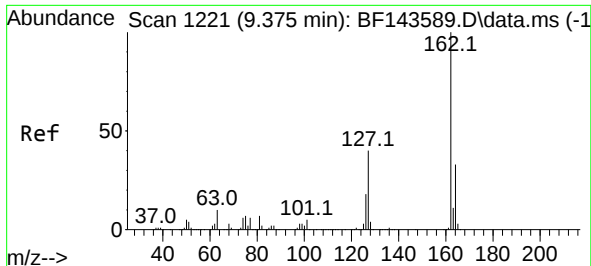
Ion Ratio Lower Upper

154 100

153 40.0 20.1 60.1

76 12.5 0.0 33.0

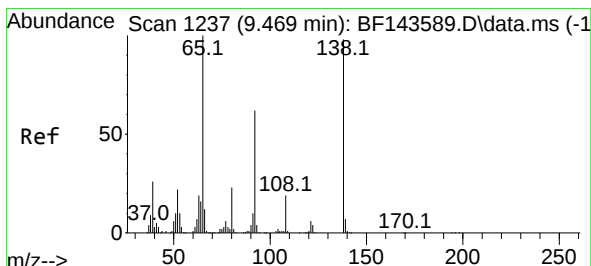
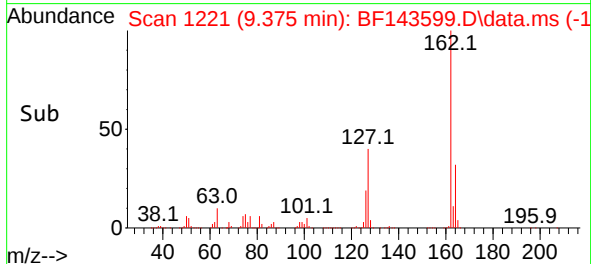
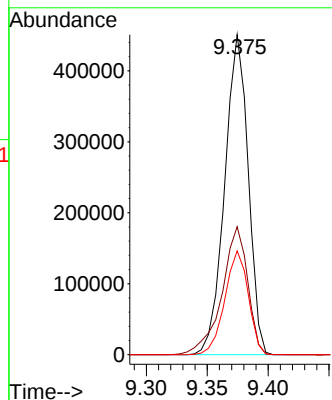
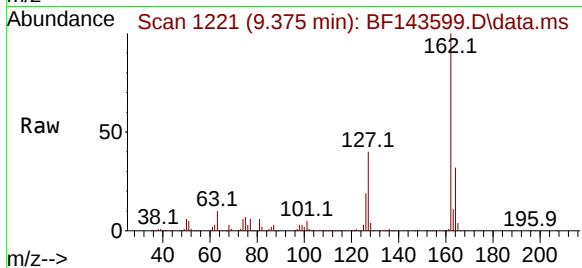




#47
2-Chloronaphthalene
Concen: 46.534 ng
RT: 9.375 min Scan# 1221
Delta R.T. 0.000 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

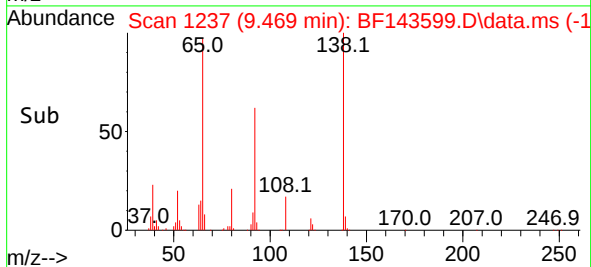
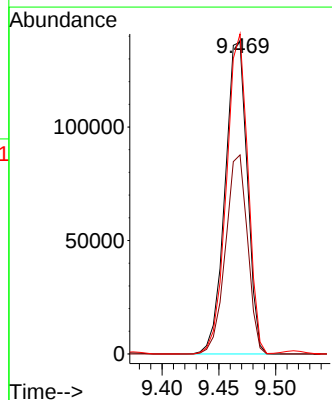
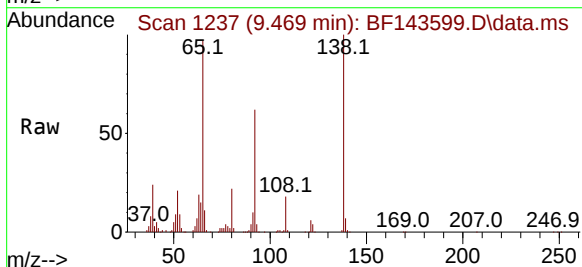
Instrument :
BNA_F
ClientSampleId :
PB169400BSD

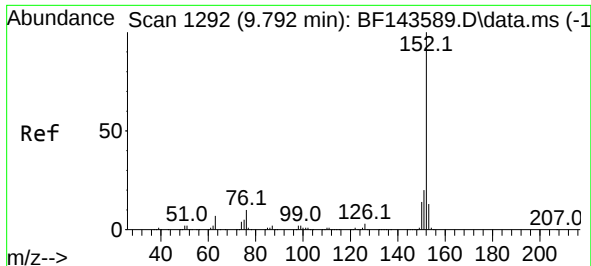
Tgt Ion:162 Resp: 606121
Ion Ratio Lower Upper
162 100
127 40.0 32.6 48.8
164 32.4 26.1 39.1



#48
2-Nitroaniline
Concen: 51.400 ng
RT: 9.469 min Scan# 1237
Delta R.T. -0.000 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

Tgt Ion: 65 Resp: 187169
Ion Ratio Lower Upper
65 100
92 63.8 49.6 74.4
138 102.6 78.6 118.0

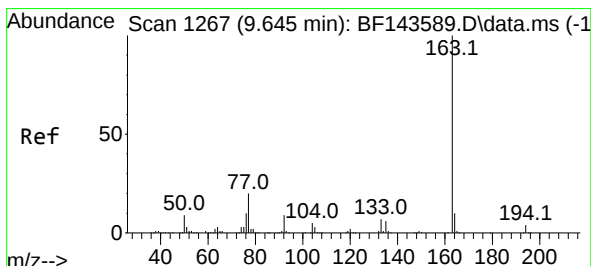
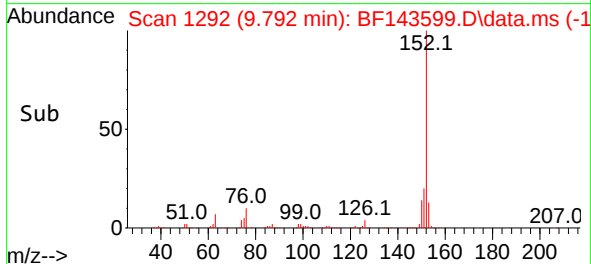
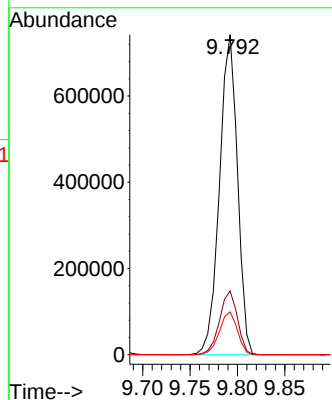
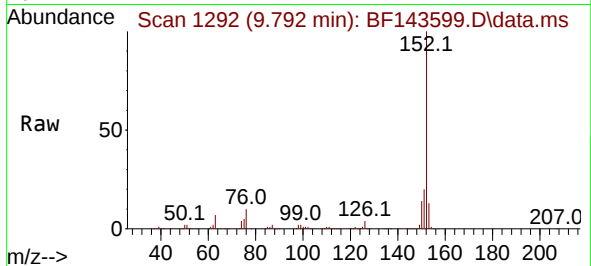




#49
Acenaphthylene
Concen: 51.743 ng
RT: 9.792 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

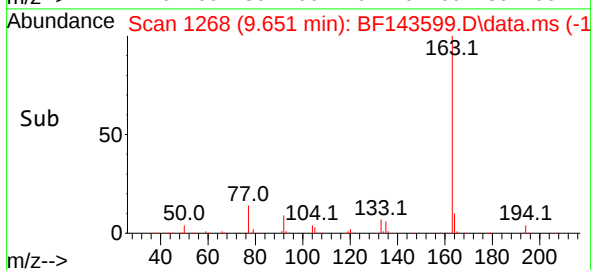
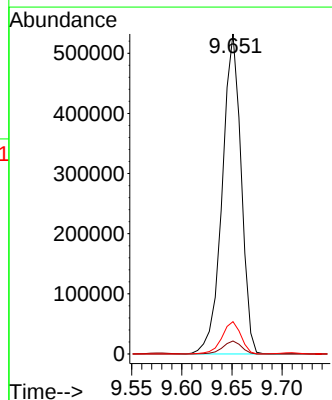
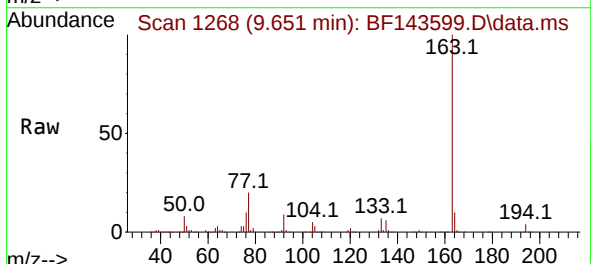
Instrument :
BNA_F
ClientSampleId :
PB169400BSD

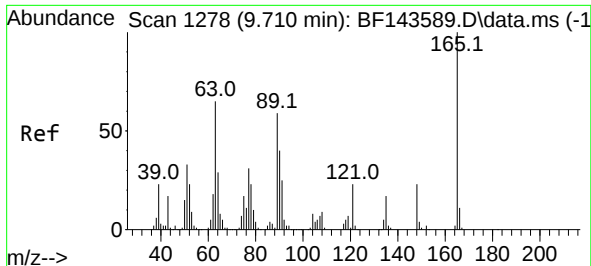
Tgt Ion:152 Resp: 980610
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 13.4 10.6 15.8



#50
Dimethylphthalate
Concen: 47.554 ng
RT: 9.651 min Scan# 1268
Delta R.T. 0.006 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

Tgt Ion:163 Resp: 695093
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.1 8.4 12.6

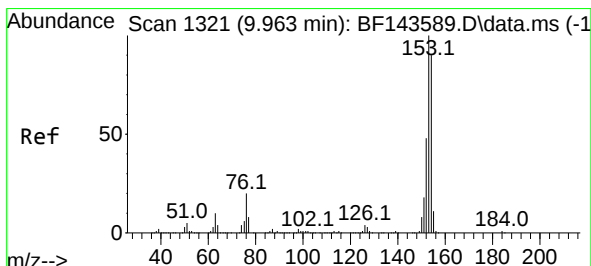
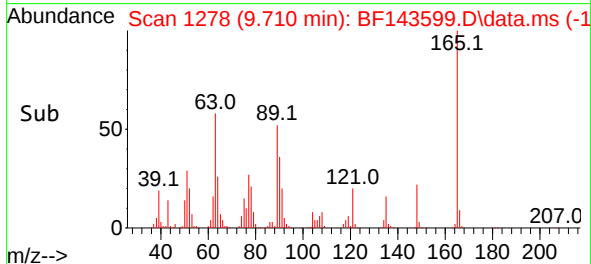
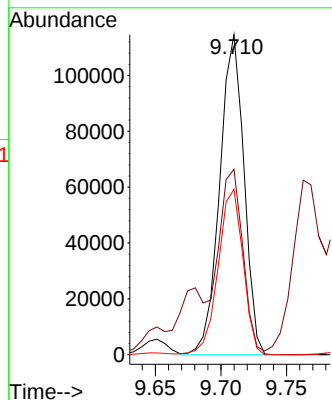
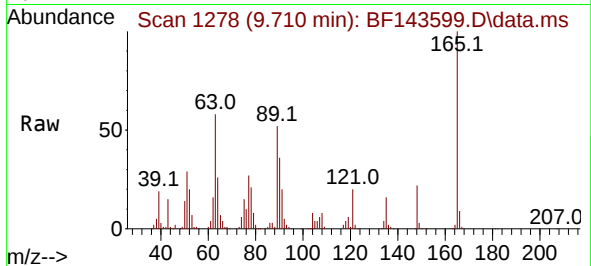




#51
2,6-Dinitrotoluene
Concen: 58.885 ng
RT: 9.710 min Scan# 1278
Delta R.T. -0.000 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

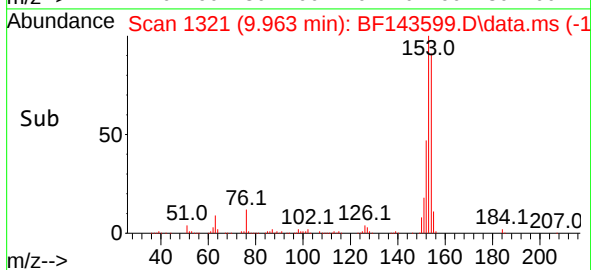
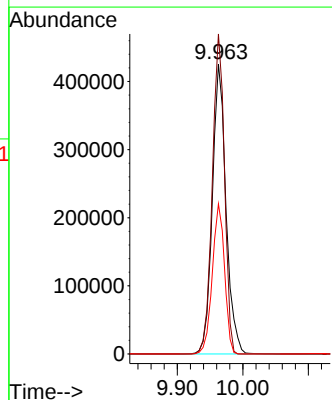
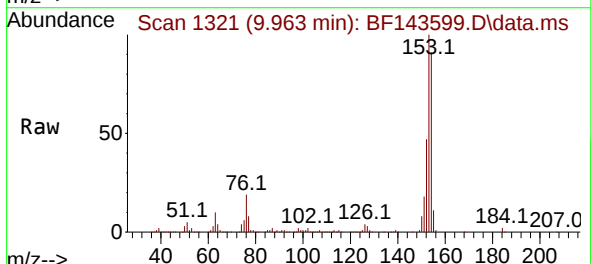
Instrument :
BNA_F
ClientSampleId :
PB169400BSD

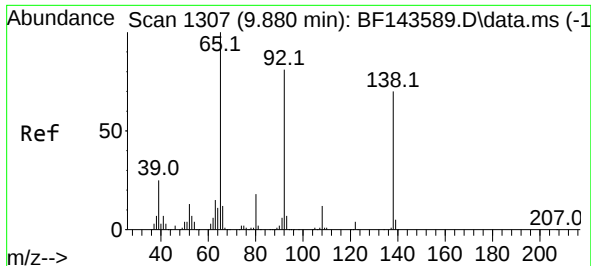
Tgt Ion:165 Resp: 147525
Ion Ratio Lower Upper
165 100
63 58.0 51.8 77.6
89 51.6 47.4 71.2



#52
Acenaphthene
Concen: 49.708 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

Tgt Ion:154 Resp: 617073
Ion Ratio Lower Upper
154 100
153 110.4 89.0 133.4
152 51.8 42.9 64.3

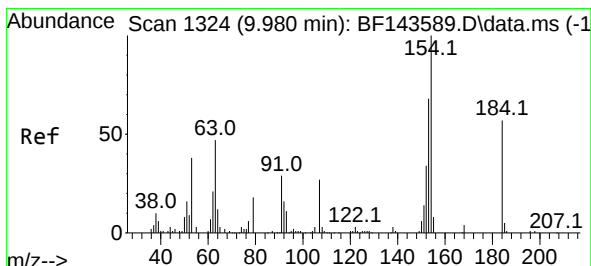
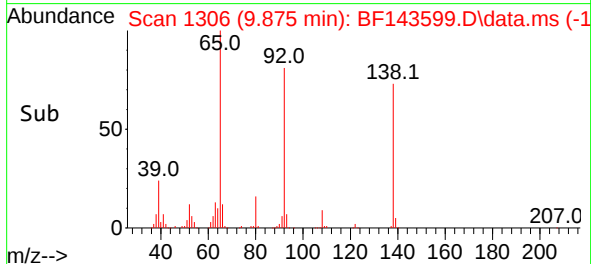
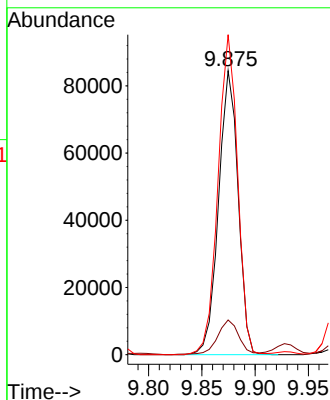
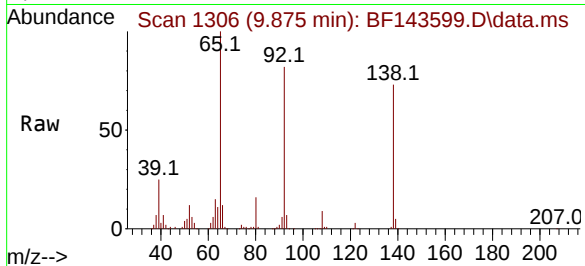




#53
3-Nitroaniline
Concen: 38.091 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

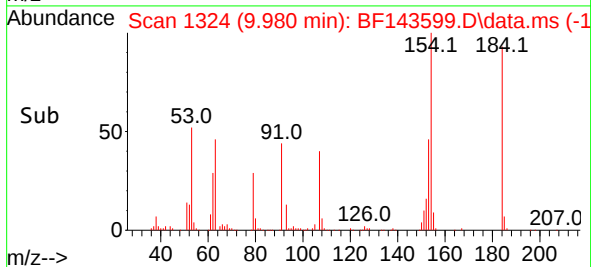
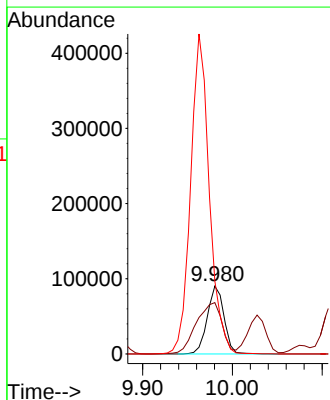
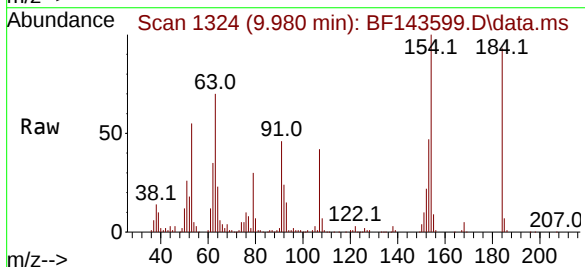
Instrument :
BNA_F
ClientSampleId :
PB169400BSD

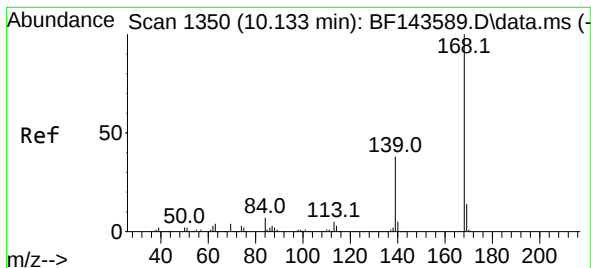
Tgt Ion:138 Resp: 107751
Ion Ratio Lower Upper
138 100
108 12.2 13.8 20.8#
92 112.7 92.6 139.0



#54
2,4-Dinitrophenol
Concen: 100.818 ng
RT: 9.980 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

Tgt Ion:184 Resp: 116786
Ion Ratio Lower Upper
184 100
63 75.6 80.9 121.3#
154 107.4 262.0 393.0#

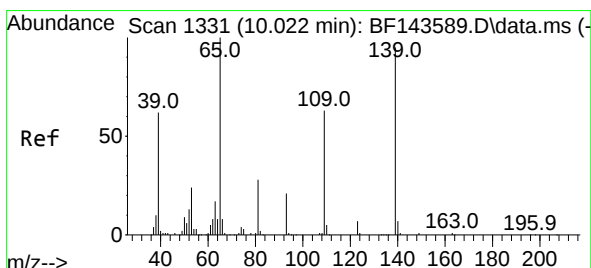
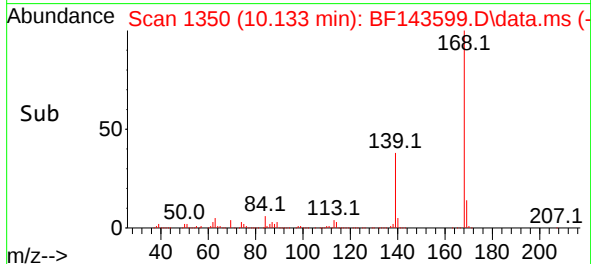
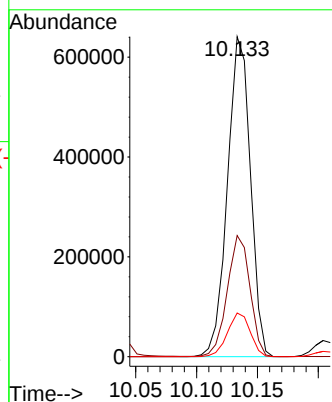
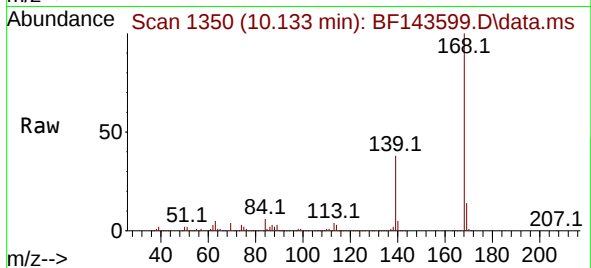




#55
Dibenzofuran
Concen: 46.227 ng
RT: 10.133 min Scan# 1350
Delta R.T. 0.000 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

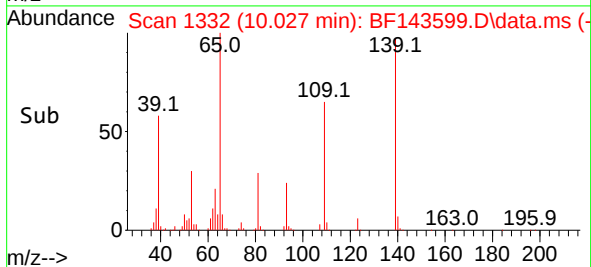
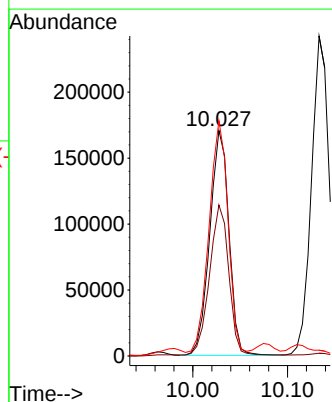
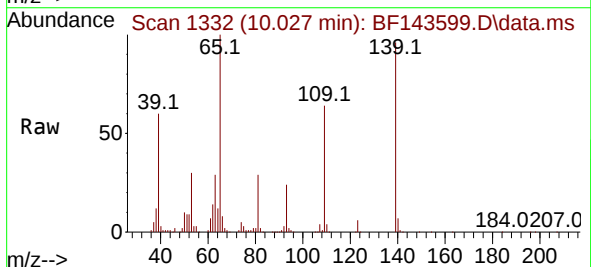
Instrument :
BNA_F
ClientSampleId :
PB169400BSD

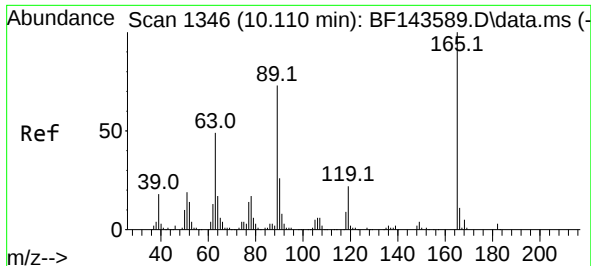
Tgt Ion:168 Resp: 841353
Ion Ratio Lower Upper
168 100
139 37.8 30.6 46.0
169 13.7 10.9 16.3



#56
4-Nitrophenol
Concen: 94.679 ng
RT: 10.027 min Scan# 1332
Delta R.T. 0.005 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

Tgt Ion:139 Resp: 240793
Ion Ratio Lower Upper
139 100
109 67.0 47.3 87.3
65 104.4 86.8 126.8

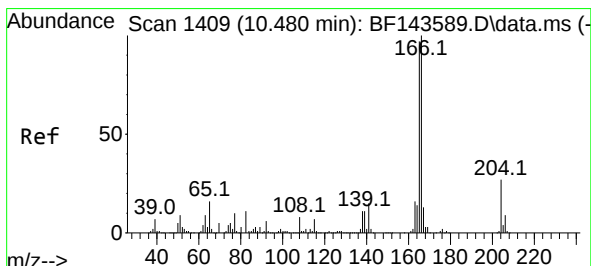
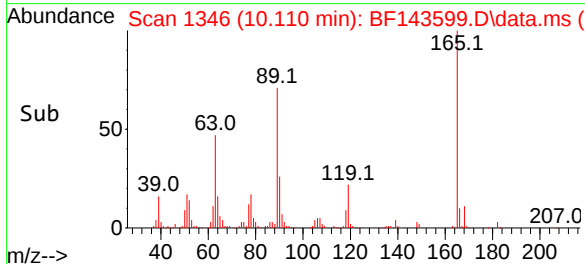
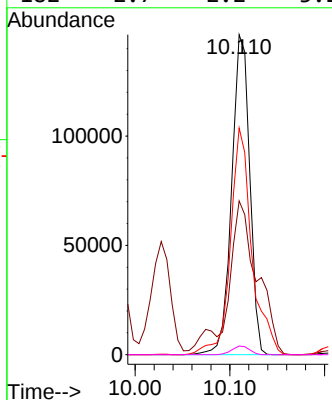
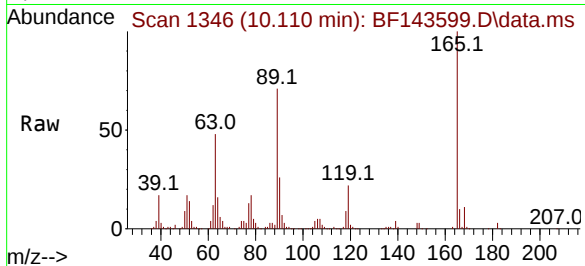




#57
2,4-Dinitrotoluene
Concen: 58.686 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

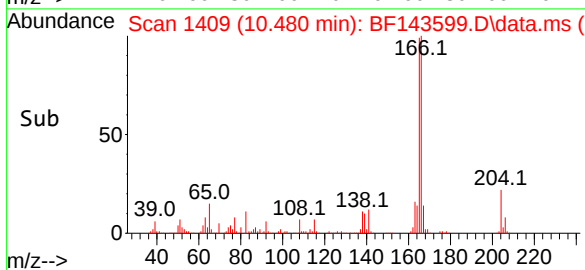
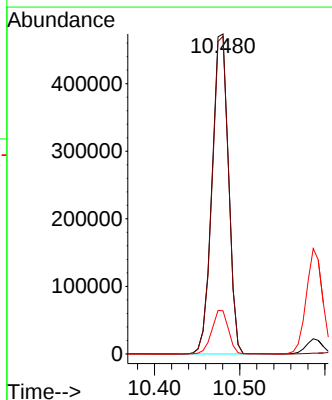
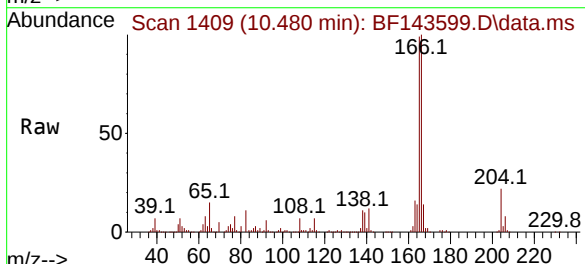
Instrument :
BNA_F
ClientSampleId :
PB169400BSD

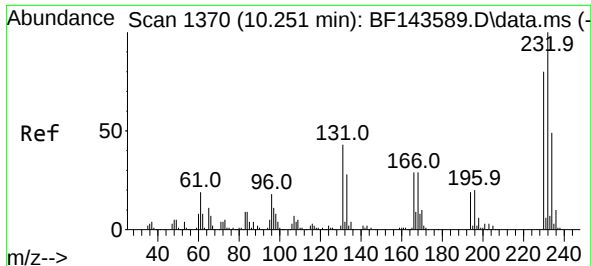
Tgt Ion:165 Resp: 193075
Ion Ratio Lower Upper
165 100
63 48.1 39.5 59.3
89 70.8 58.1 87.1
182 2.7 2.2 3.2



#58
Fluorene
Concen: 46.532 ng
RT: 10.480 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

Tgt Ion:166 Resp: 635867
Ion Ratio Lower Upper
166 100
165 99.3 77.7 116.5
167 13.5 10.6 15.8

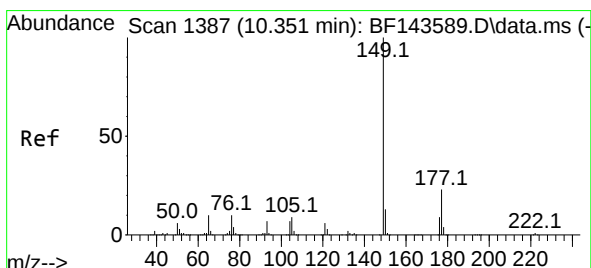
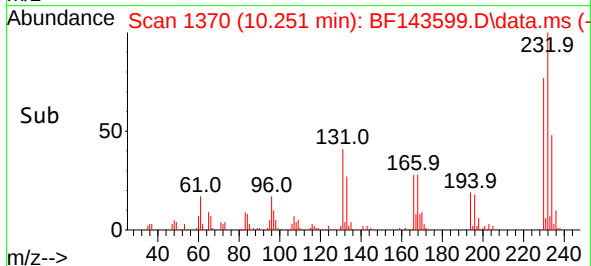
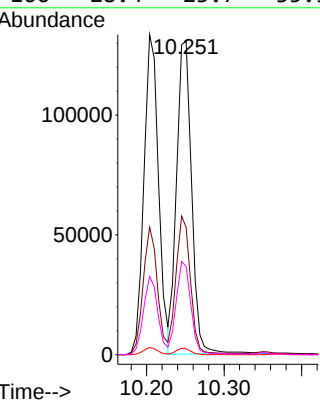
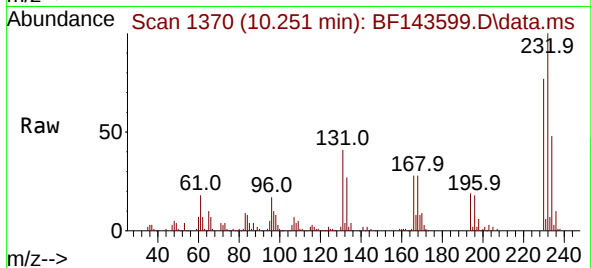




#59
2,3,4,6-Tetrachlorophenol
Concen: 57.740 ng
RT: 10.251 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

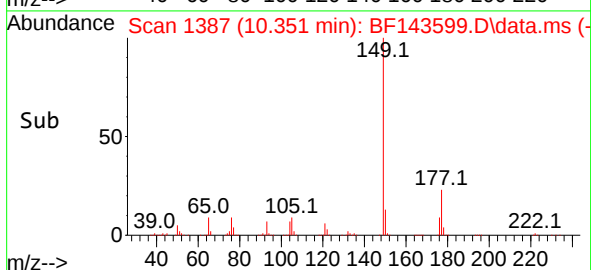
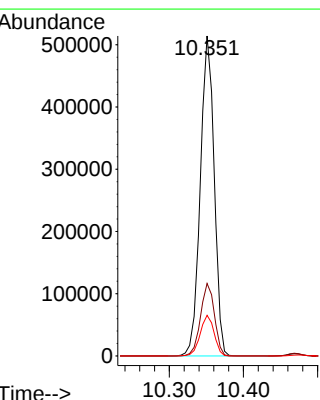
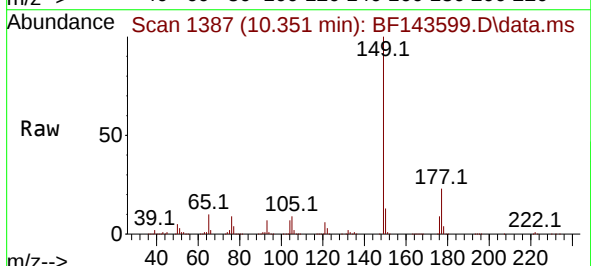
Instrument :
BNA_F
ClientSampleId :
PB169400BSD

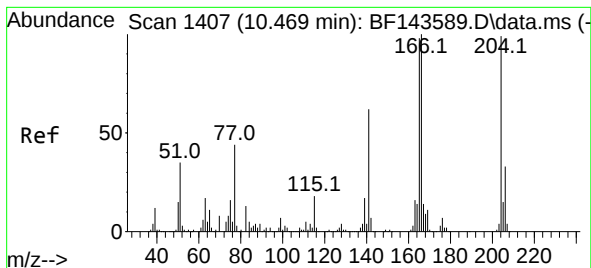
Tgt Ion:232 Resp: 176185
Ion Ratio Lower Upper
232 100
131 42.9 35.9 53.9
130 2.0 1.8 2.8
166 28.4 23.7 35.5



#60
Diethylphthalate
Concen: 48.832 ng
RT: 10.351 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

Tgt Ion:149 Resp: 668905
Ion Ratio Lower Upper
149 100
177 22.6 18.1 27.1
150 12.7 10.1 15.1

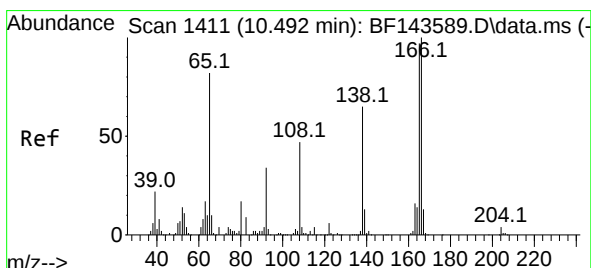
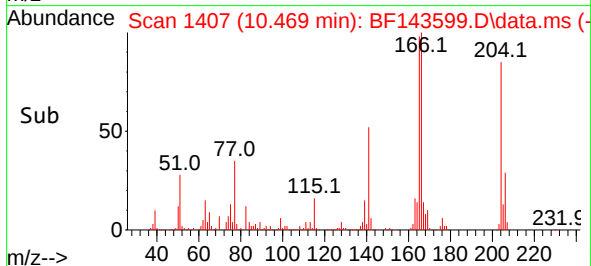
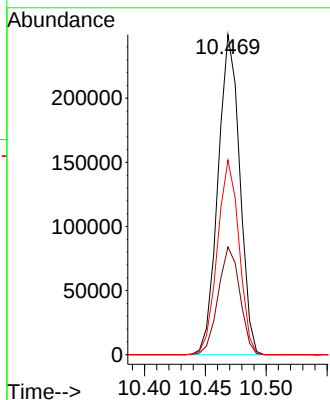
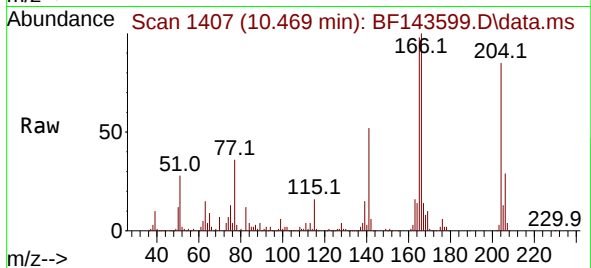




#61
4-Chlorophenyl-phenylether
Concen: 46.344 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

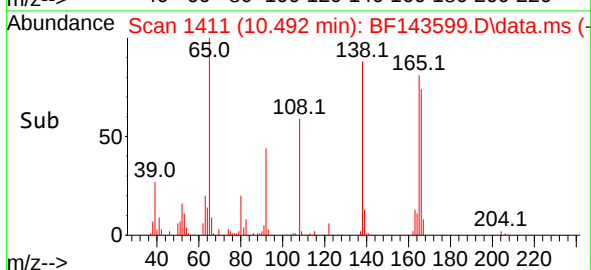
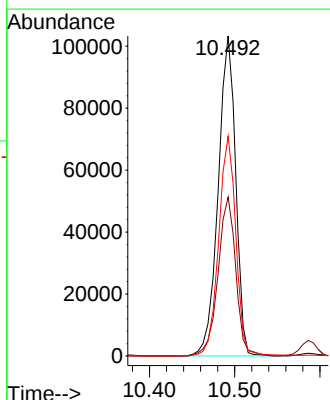
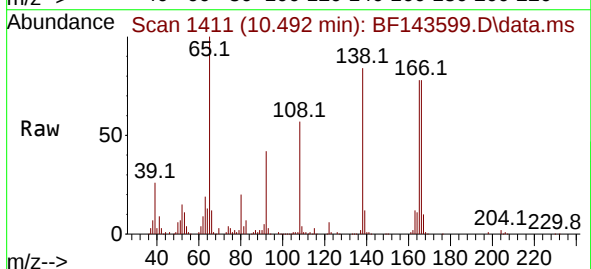
Instrument :
BNA_F
ClientSampleId :
PB169400BSD

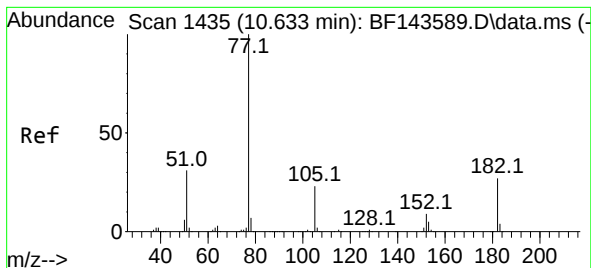
Tgt Ion:204 Resp: 309723
Ion Ratio Lower Upper
204 100
206 33.6 27.0 40.6
141 60.8 50.2 75.2



#62
4-Nitroaniline
Concen: 53.764 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

Tgt Ion:138 Resp: 147284
Ion Ratio Lower Upper
138 100
92 49.7 31.3 71.3
108 68.7 51.6 91.6





#63

Azobenzene

Concen: 47.169 ng

RT: 10.627 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF143599.D

Acq: 27 Aug 2025 10:44

Instrument :

BNA_F

ClientSampleId :

PB169400BSD

Tgt Ion: 77 Resp: 655115

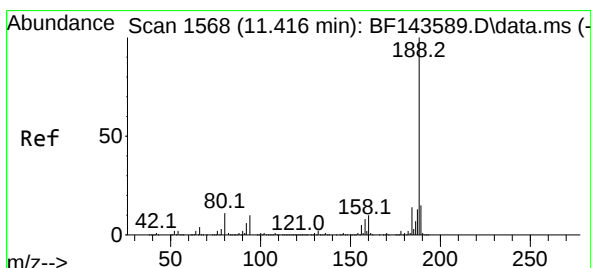
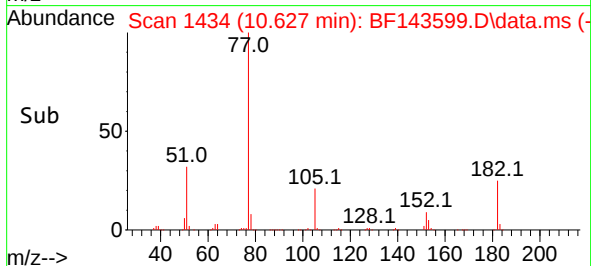
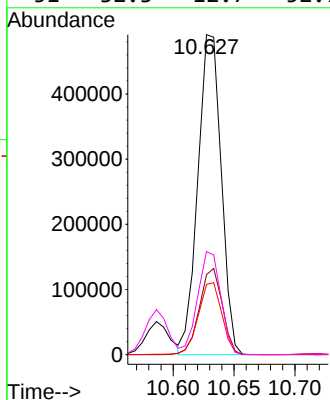
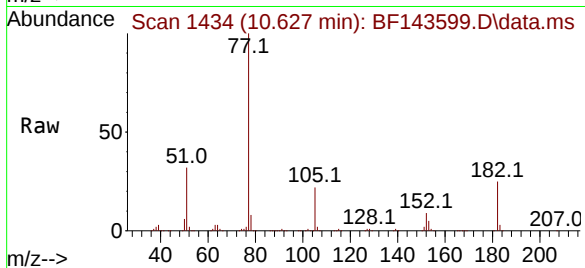
Ion Ratio Lower Upper

77 100

182 25.0 6.3 46.3

105 22.0 2.4 42.4

51 32.3 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: BF143599.D

Acq: 27 Aug 2025 10:44

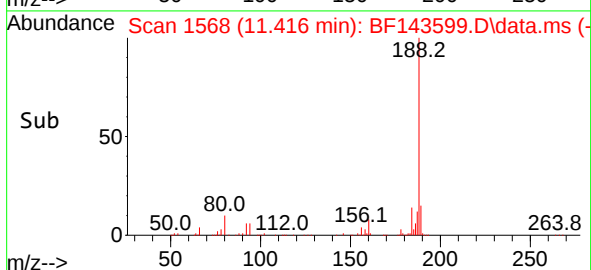
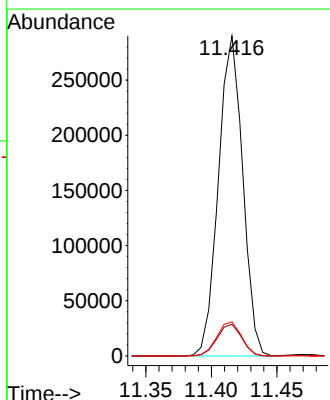
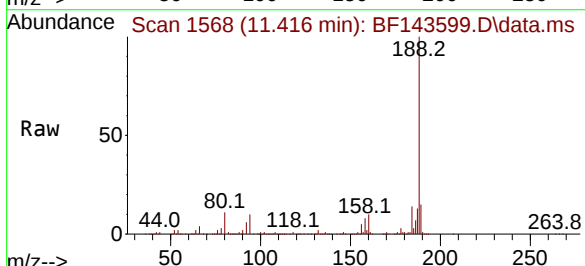
Tgt Ion:188 Resp: 373389

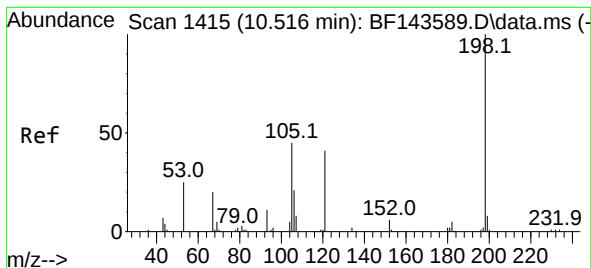
Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.4

80 10.7 8.9 13.3

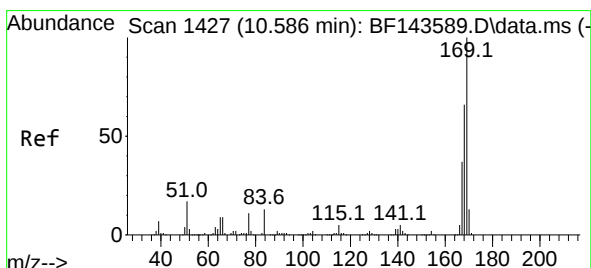
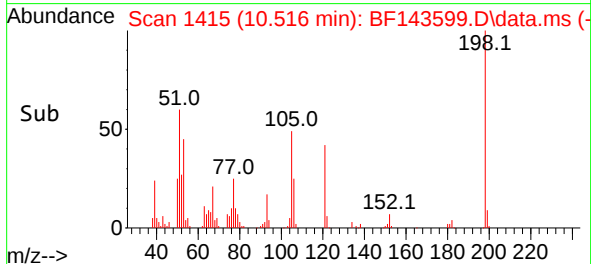
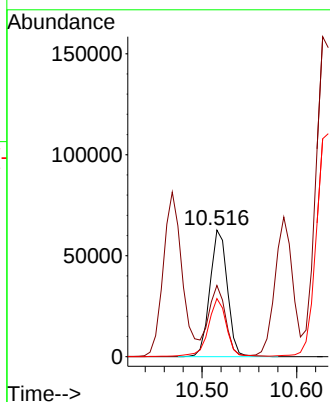
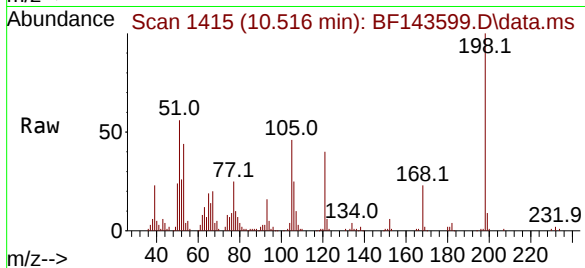




#65
4,6-Dinitro-2-methylphenol
Concen: 58.768 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

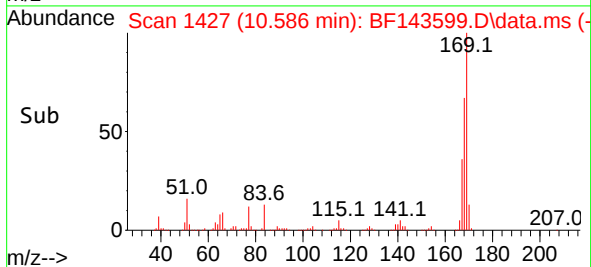
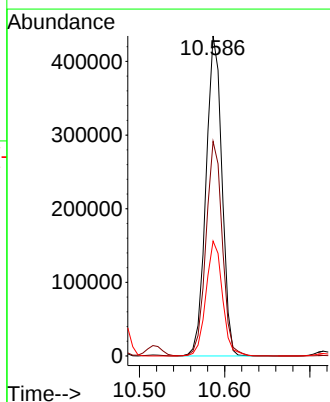
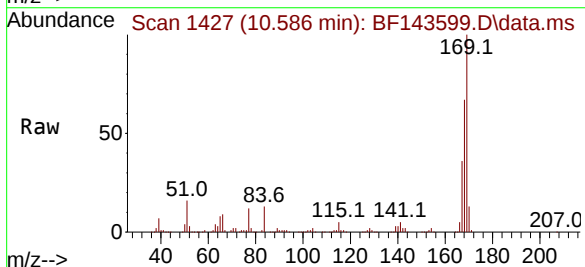
Instrument :
BNA_F
ClientSampleId :
PB169400BSD

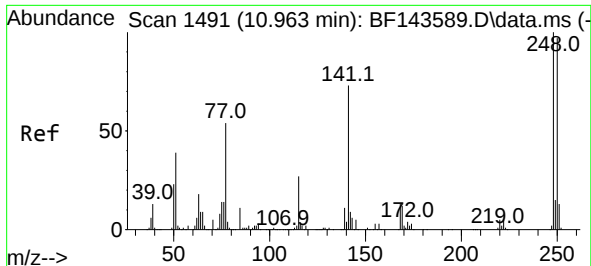
Tgt Ion:198 Resp: 79913
Ion Ratio Lower Upper
198 100
51 56.3 41.5 81.5
105 45.9 28.2 68.2



#66
n-Nitrosodiphenylamine
Concen: 47.483 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

Tgt Ion:169 Resp: 563947
Ion Ratio Lower Upper
169 100
168 67.1 53.1 79.7
167 35.9 29.3 43.9

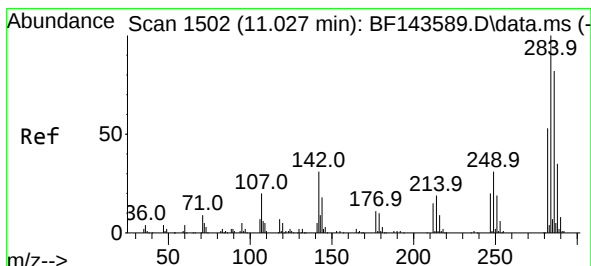
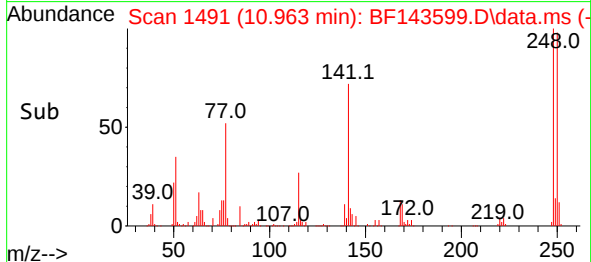
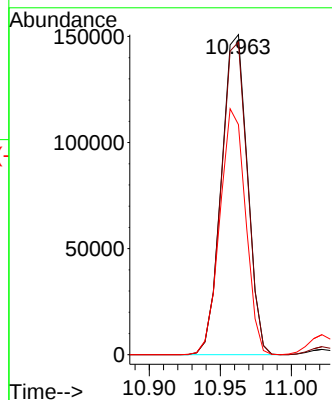
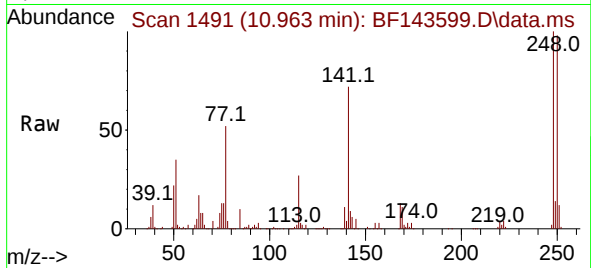




#67
4-Bromophenyl-phenylether
Concen: 47.634 ng
RT: 10.963 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

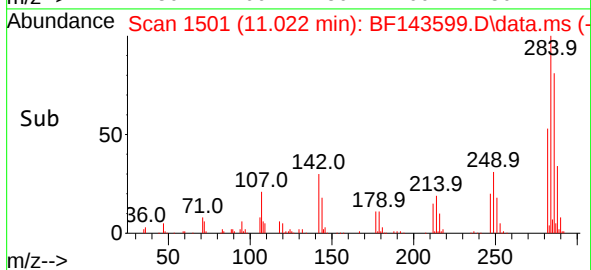
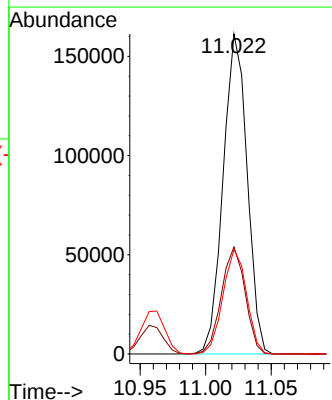
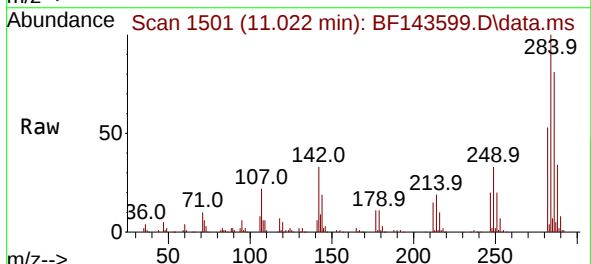
Instrument :
BNA_F
ClientSampleId :
PB169400BSD

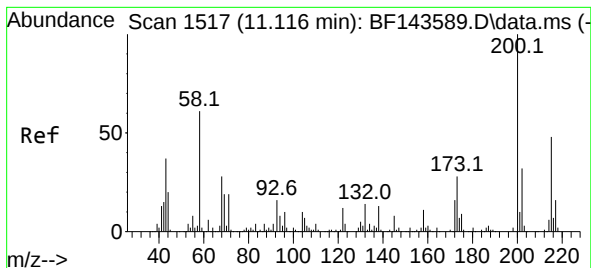
Tgt Ion:248 Resp: 192382
Ion Ratio Lower Upper
248 100
250 97.7 77.8 116.6
141 71.9 58.5 87.7



#68
Hexachlorobenzene
Concen: 47.485 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.005 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

Tgt Ion:284 Resp: 205137
Ion Ratio Lower Upper
284 100
142 33.5 24.7 37.1
249 32.7 25.0 37.6





#69

Atrazine

Concen: 50.715 ng

RT: 11.116 min Scan# 1517

Delta R.T. -0.000 min

Lab File: BF143599.D

Acq: 27 Aug 2025 10:44

Instrument :

BNA_F

ClientSampleId :

PB169400BSD

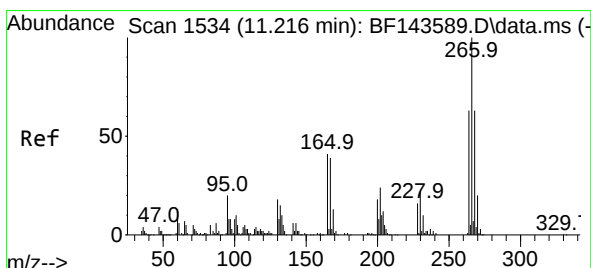
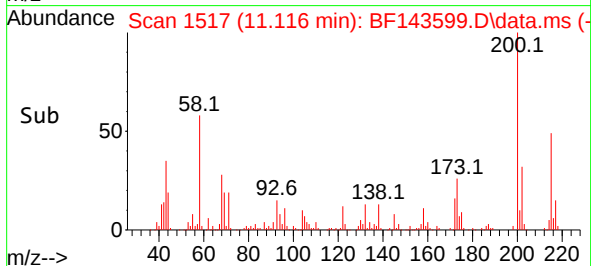
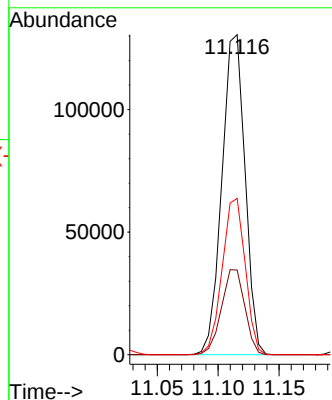
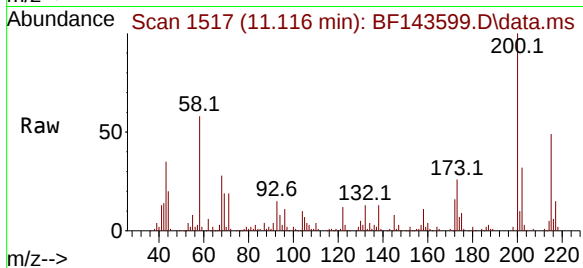
Tgt Ion:200 Resp: 173138

Ion Ratio Lower Upper

200 100

173 26.4 7.6 47.6

215 48.9 28.3 68.3



#70

Pentachlorophenol

Concen: 105.150 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.000 min

Lab File: BF143599.D

Acq: 27 Aug 2025 10:44

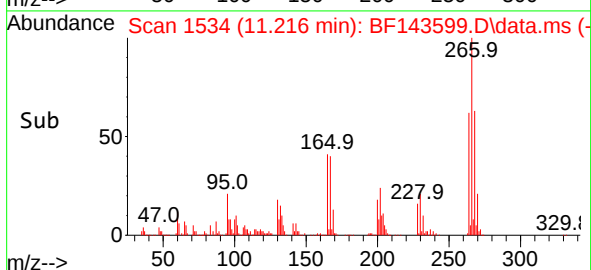
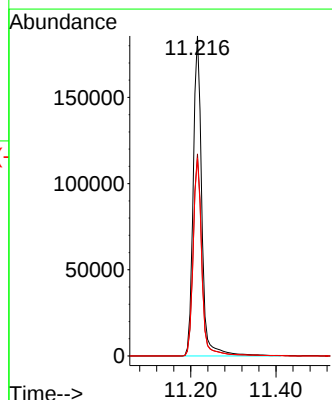
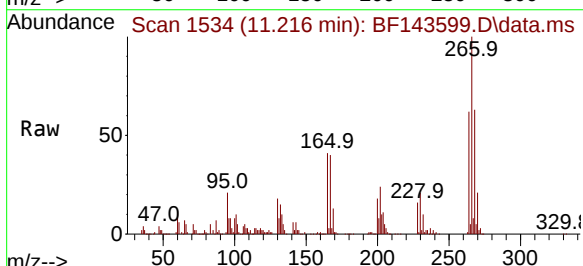
Tgt Ion:266 Resp: 259532

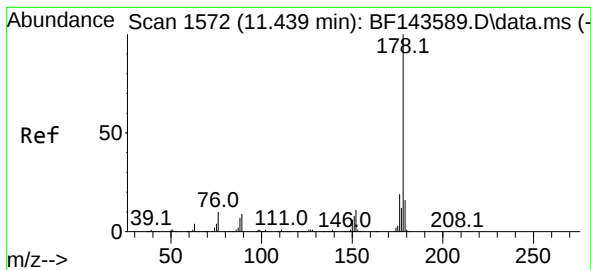
Ion Ratio Lower Upper

266 100

268 63.2 50.4 75.6

264 61.9 50.1 75.1





#71

Phenanthrene

Concen: 46.617 ng

RT: 11.439 min Scan# 1572

Delta R.T. 0.000 min

Lab File: BF143599.D

Acq: 27 Aug 2025 10:44

Instrument :

BNA_F

ClientSampleId :

PB169400BSD

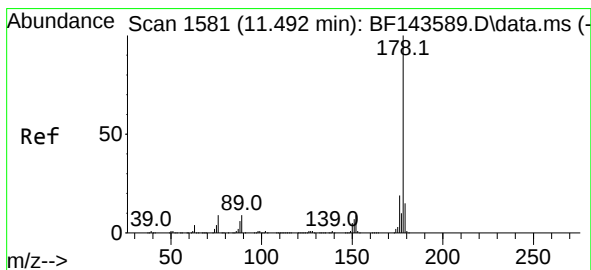
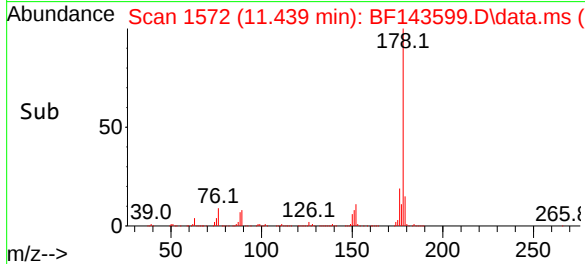
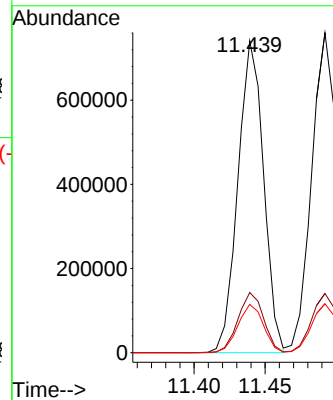
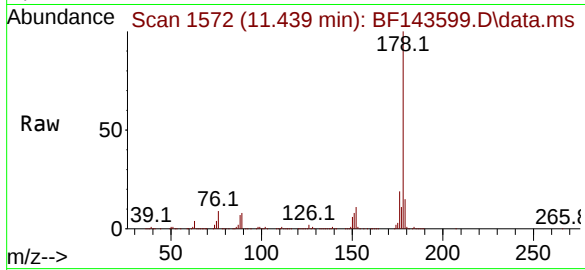
Tgt Ion:178 Resp: 931961

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

179 15.5 12.5 18.7



#72

Anthracene

Concen: 47.428 ng

RT: 11.492 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF143599.D

Acq: 27 Aug 2025 10:44

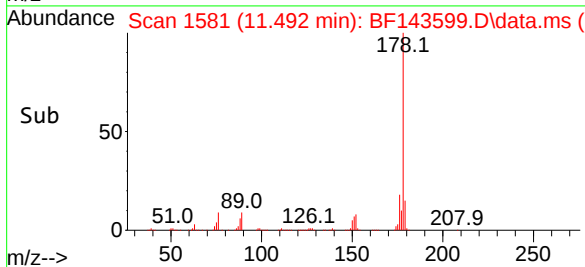
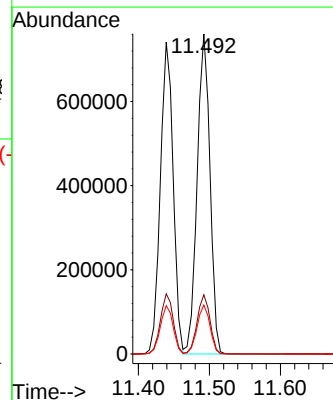
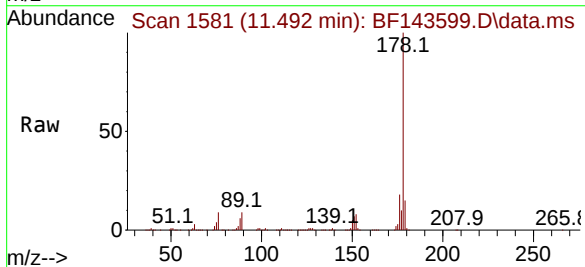
Tgt Ion:178 Resp: 955529

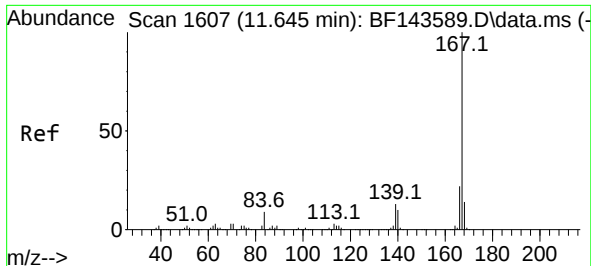
Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.6

179 15.3 12.4 18.6

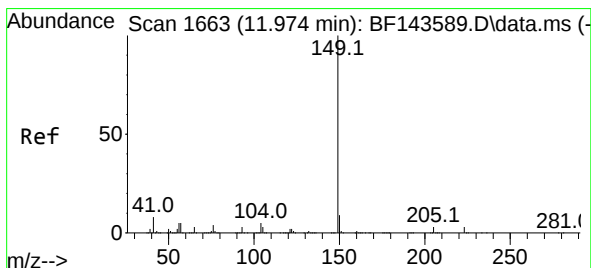
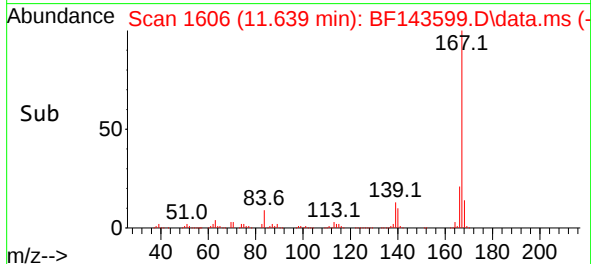
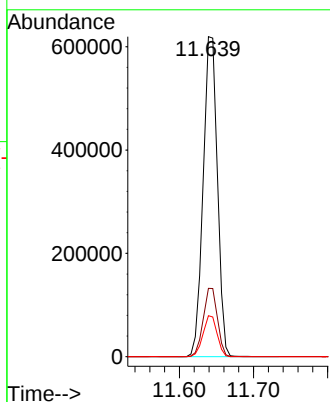
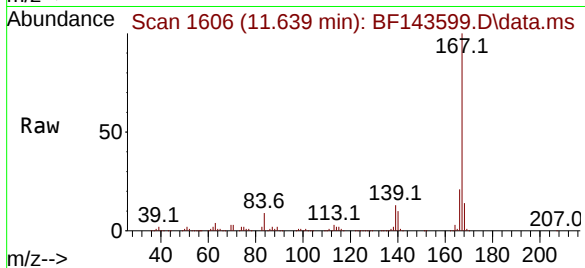




#73
Carbazole
Concen: 47.622 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

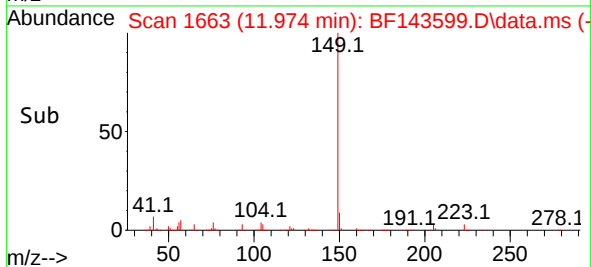
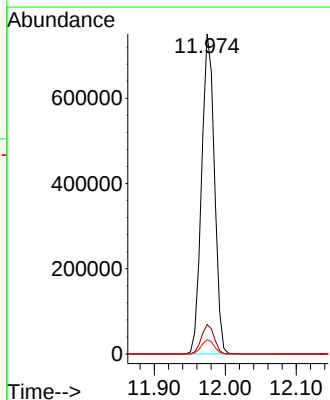
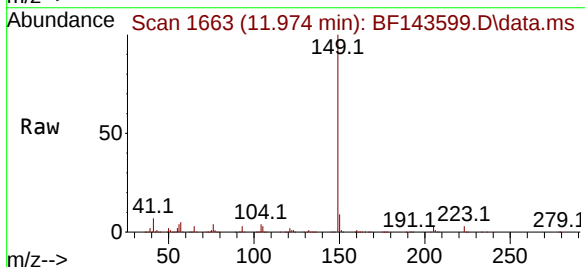
Instrument :
BNA_F
ClientSampleId :
PB169400BSD

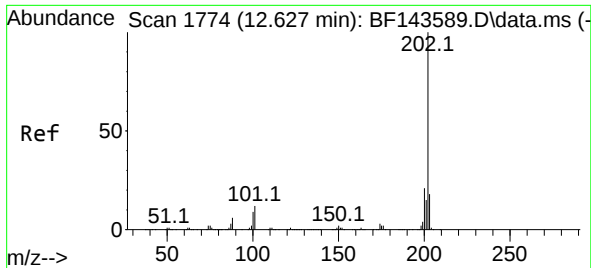
Tgt Ion:167 Resp: 829340
Ion Ratio Lower Upper
167 100
166 21.4 17.3 25.9
139 12.8 10.4 15.6



#74
Di-n-butylphthalate
Concen: 53.305 ng
RT: 11.974 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

Tgt Ion:149 Resp: 945553
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 4.5 3.6 5.4

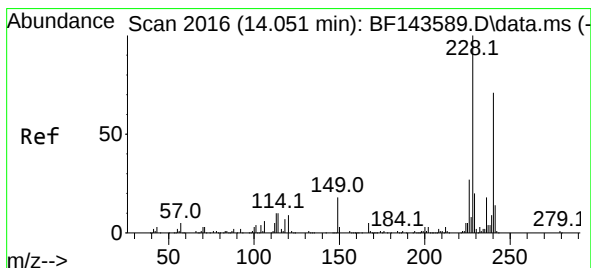
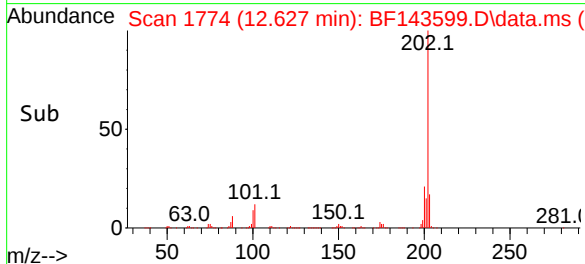
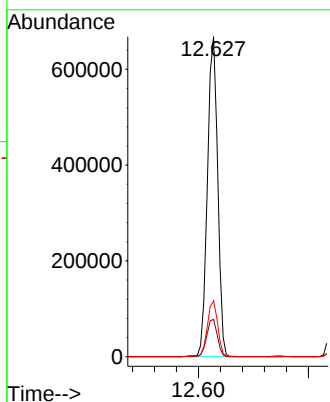
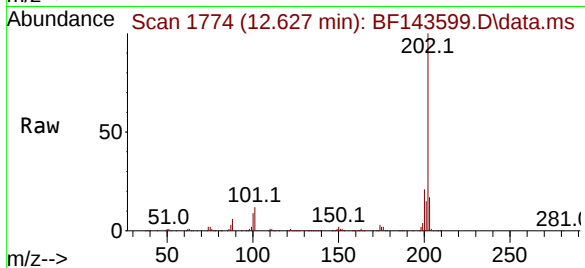




#75
Fluoranthene
Concen: 47.404 ng
RT: 12.627 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

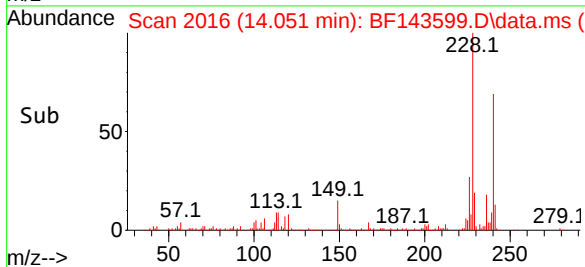
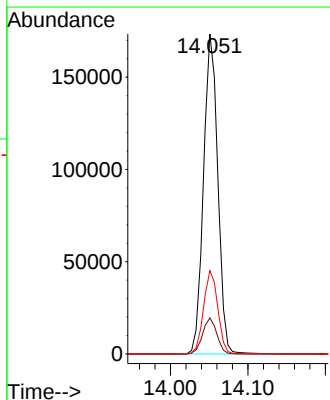
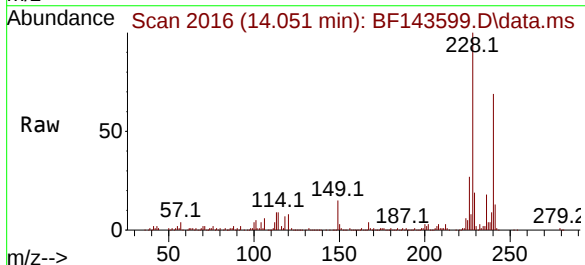
Instrument :
BNA_F
ClientSampleId :
PB169400BSD

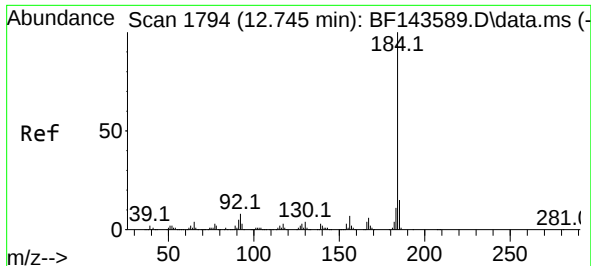
Tgt Ion:202 Resp: 865301
Ion Ratio Lower Upper
202 100
101 11.7 0.0 32.3
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

Tgt Ion:240 Resp: 222062
Ion Ratio Lower Upper
240 100
120 11.2 9.6 14.4
236 26.0 20.2 30.2

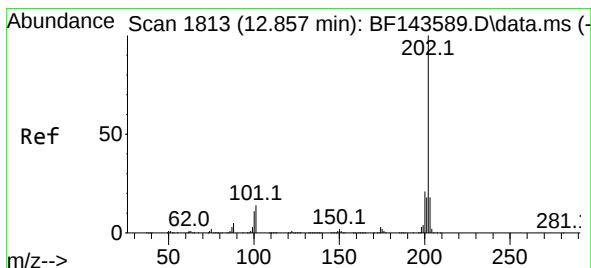
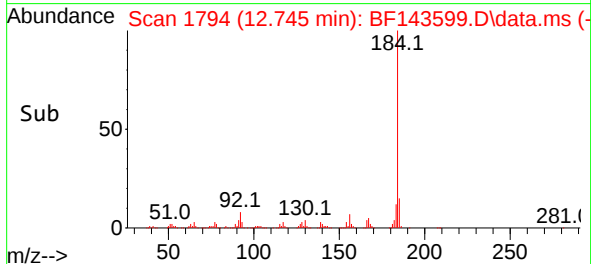
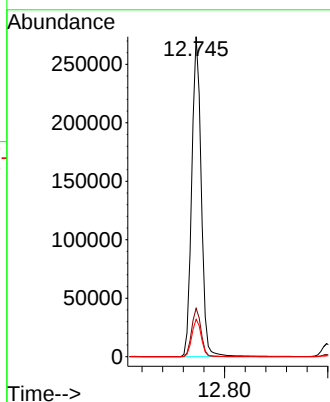
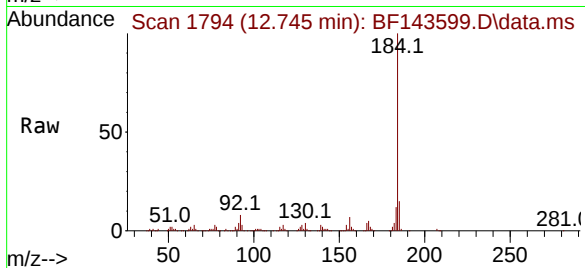




#77
Benzidine
Concen: 68.362 ng
RT: 12.745 min Scan# 1794
Delta R.T. -0.000 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

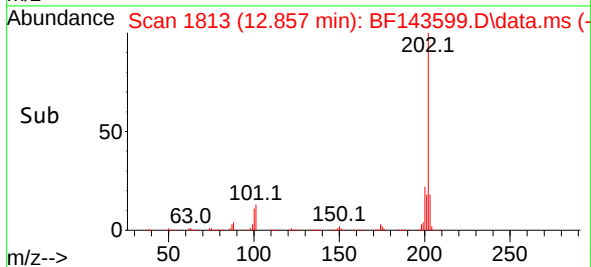
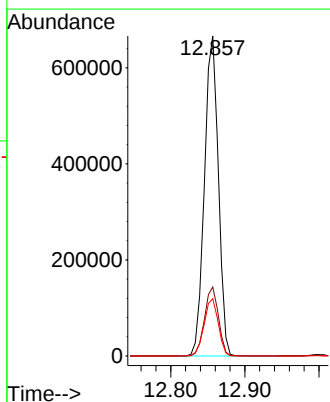
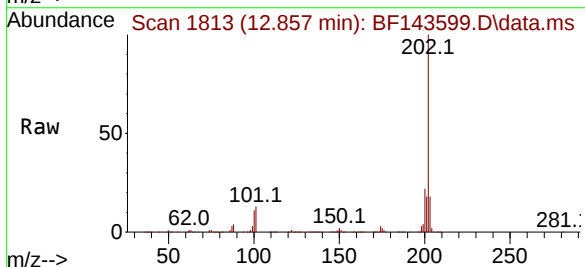
Instrument :
BNA_F
ClientSampleId :
PB169400BSD

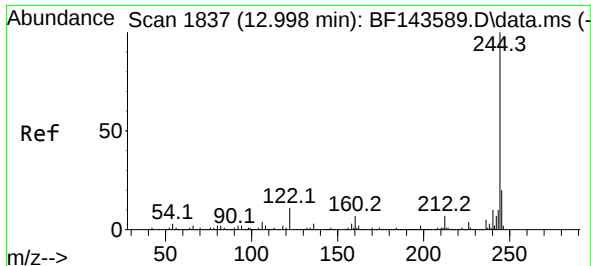
Tgt Ion:184 Resp: 349498
Ion Ratio Lower Upper
184 100
185 15.1 11.8 17.6
183 11.7 9.1 13.7



#78
Pyrene
Concen: 46.805 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

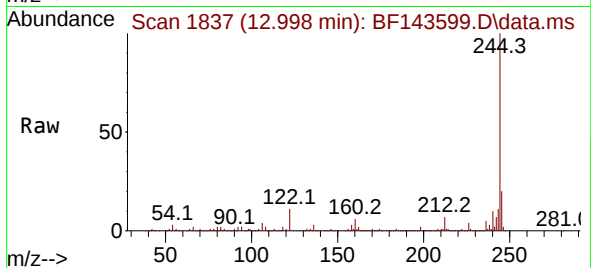
Tgt Ion:202 Resp: 869847
Ion Ratio Lower Upper
202 100
200 21.6 17.0 25.4
203 17.9 14.2 21.4



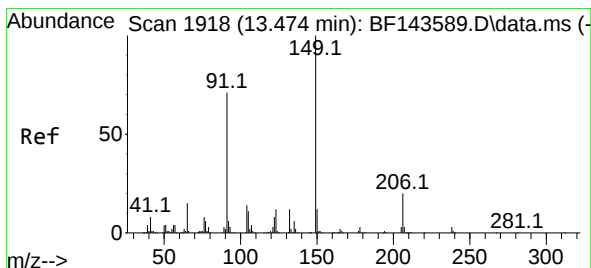
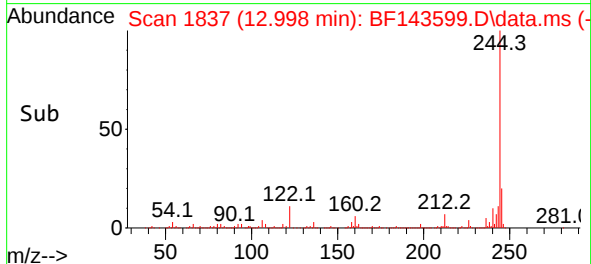
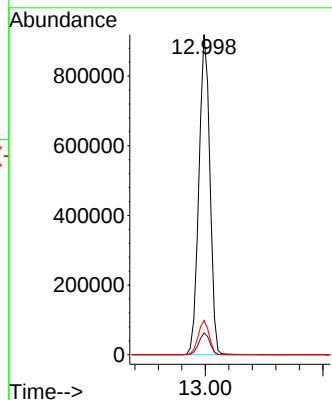


#79
 Terphenyl-d14
 Concen: 96.107 ng
 RT: 12.998 min Scan# 1189292
 Delta R.T. 0.000 min
 Lab File: BF143599.D
 Acq: 27 Aug 2025 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB169400BSD

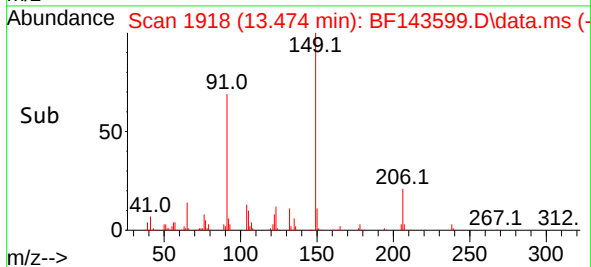
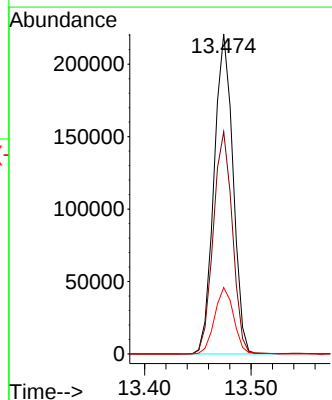
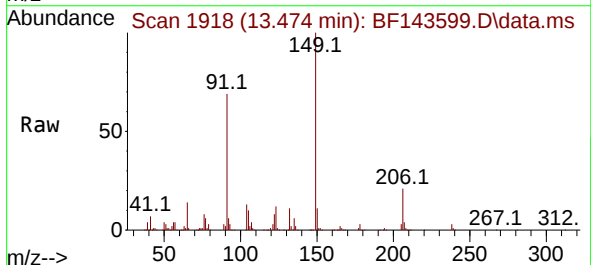


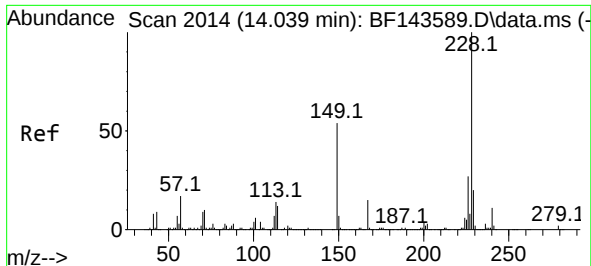
Tgt Ion:244 Resp: 1189292
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 10.7 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 51.738 ng
 RT: 13.474 min Scan# 1918
 Delta R.T. 0.000 min
 Lab File: BF143599.D
 Acq: 27 Aug 2025 10:44

Tgt Ion:149 Resp: 273157
 Ion Ratio Lower Upper
 149 100
 91 69.5 56.8 85.2
 206 20.8 16.2 24.2

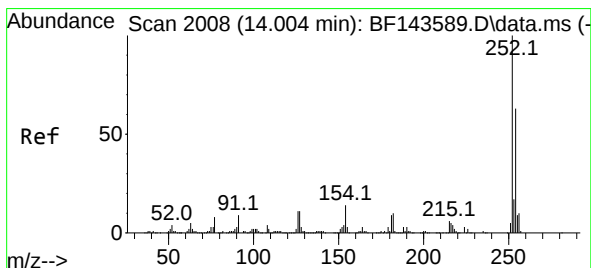
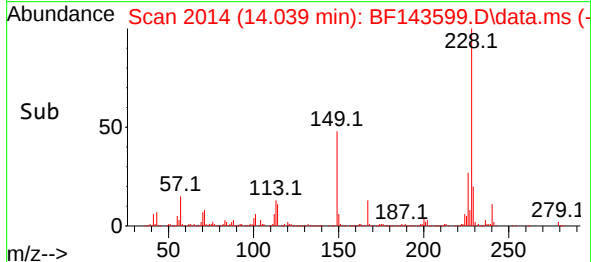
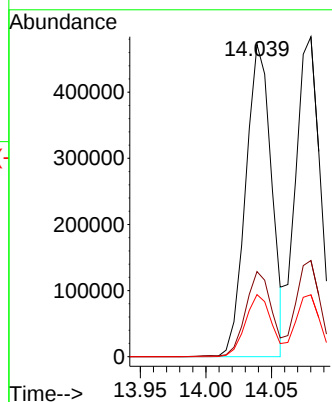
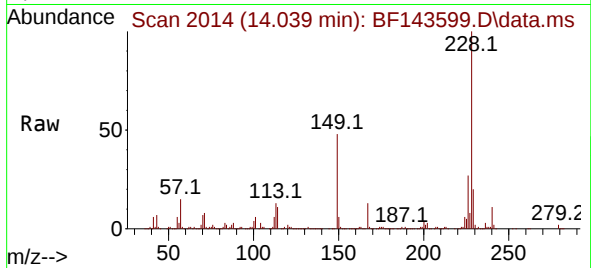




#81
Benzo(a)anthracene
Concen: 46.296 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

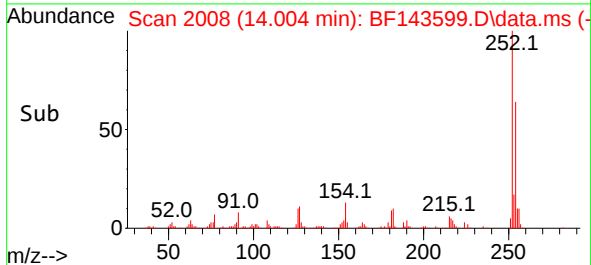
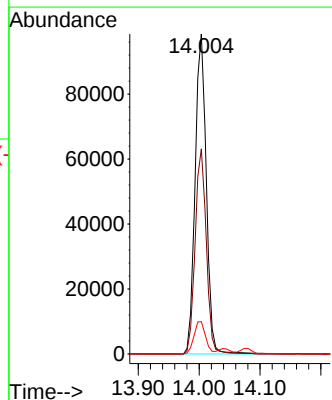
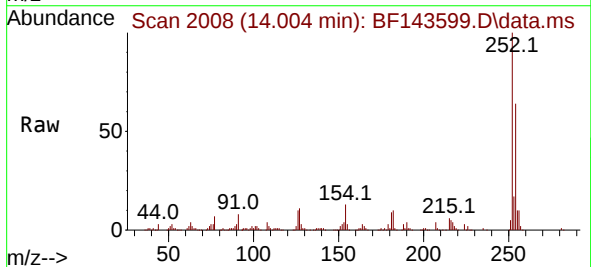
Instrument :
BNA_F
ClientSampleId :
PB169400BSD

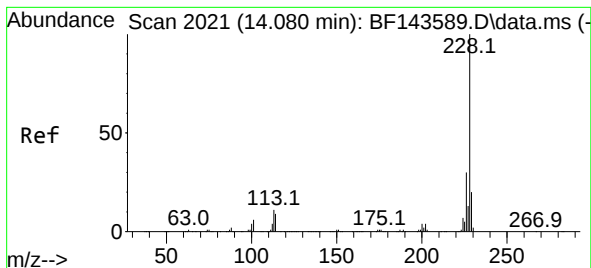
Tgt Ion:228 Resp: 646784
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.9 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 33.534 ng
RT: 14.004 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

Tgt Ion:252 Resp: 125606
Ion Ratio Lower Upper
252 100
254 64.1 50.2 75.2
126 10.1 9.1 13.7





#83

Chrysene

Concen: 48.396 ng

RT: 14.080 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF143599.D

Acq: 27 Aug 2025 10:44

Instrument :

BNA_F

ClientSampleId :

PB169400BSD

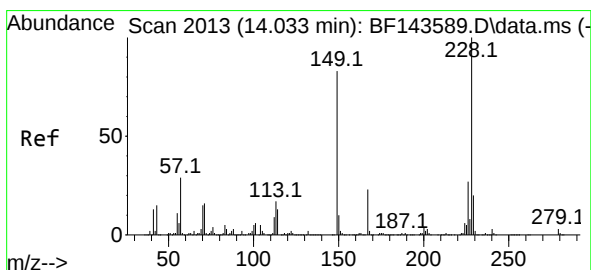
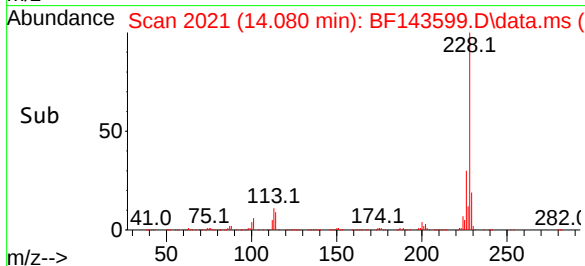
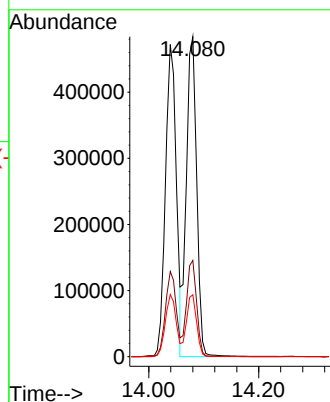
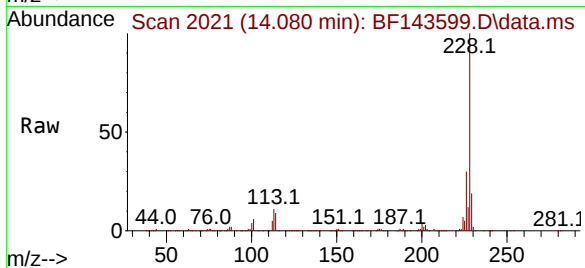
Tgt Ion:228 Resp: 630110

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.2

229 19.3 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.350 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF143599.D

Acq: 27 Aug 2025 10:44

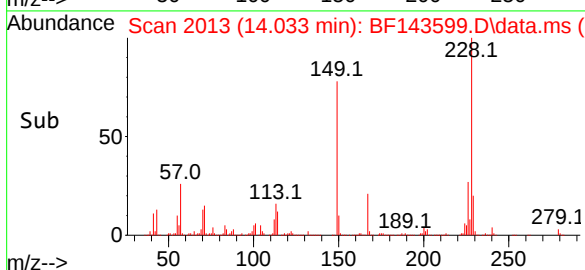
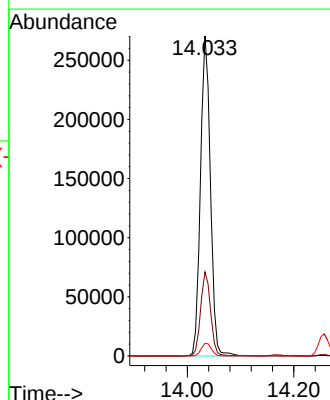
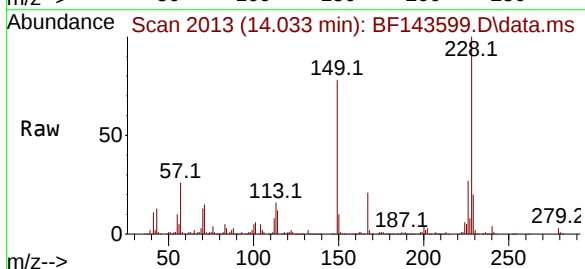
Tgt Ion:149 Resp: 350680

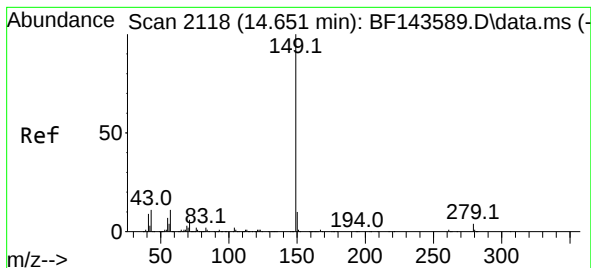
Ion Ratio Lower Upper

149 100

167 26.3 21.8 32.8

279 4.0 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 48.476 ng

RT: 14.651 min Scan# 2118

Delta R.T. -0.000 min

Lab File: BF143599.D

Acq: 27 Aug 2025 10:44

Instrument :

BNA_F

ClientSampleId :

PB169400BSD

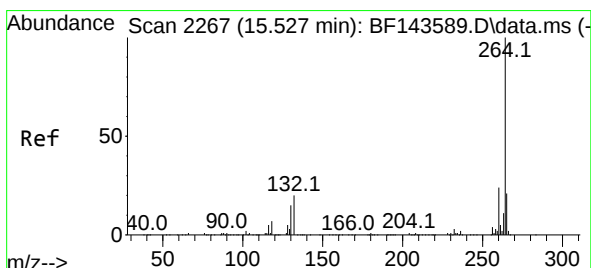
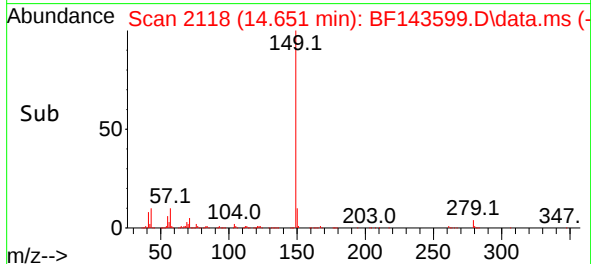
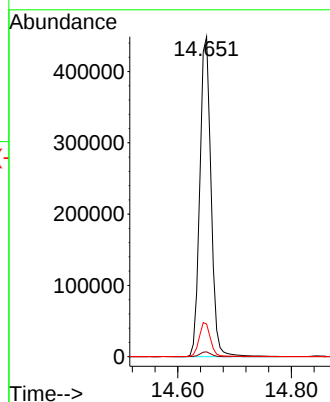
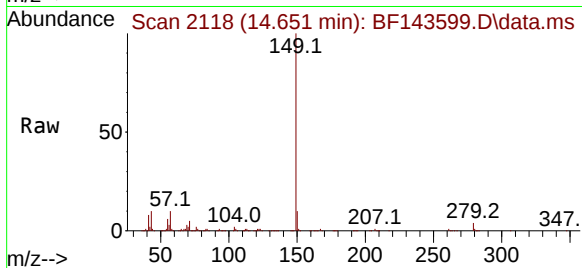
Tgt Ion:149 Resp: 616230

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.7 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: BF143599.D

Acq: 27 Aug 2025 10:44

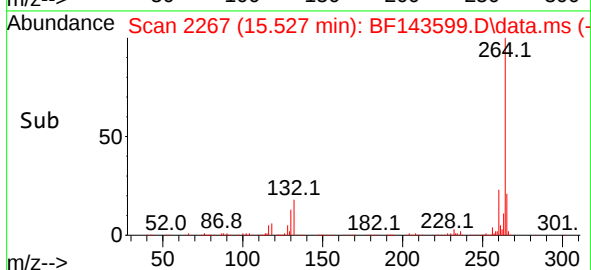
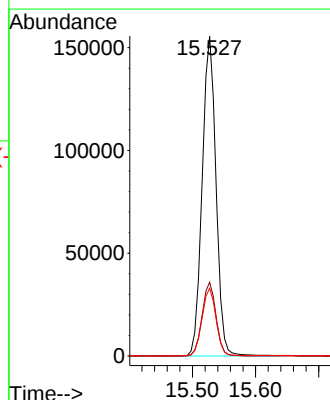
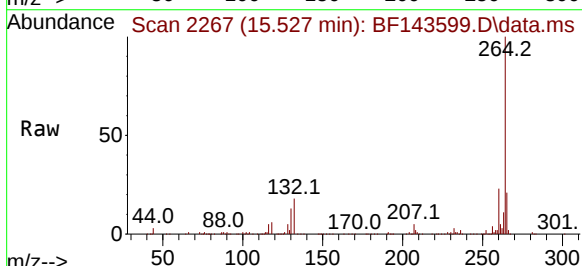
Tgt Ion:264 Resp: 236819

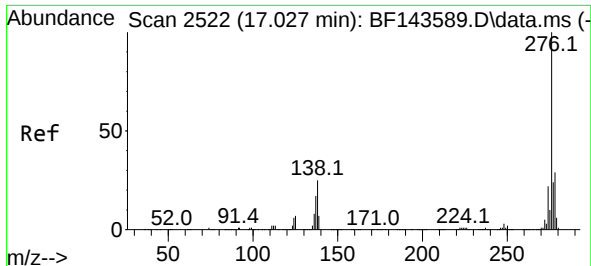
Ion Ratio Lower Upper

264 100

260 23.1 18.9 28.3

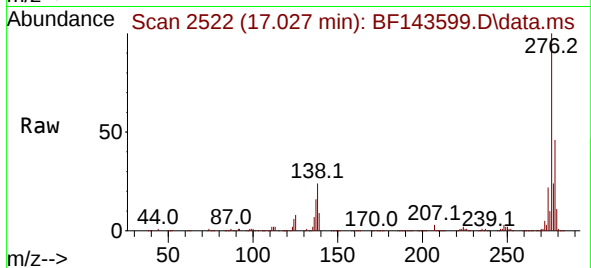
265 21.1 17.0 25.4



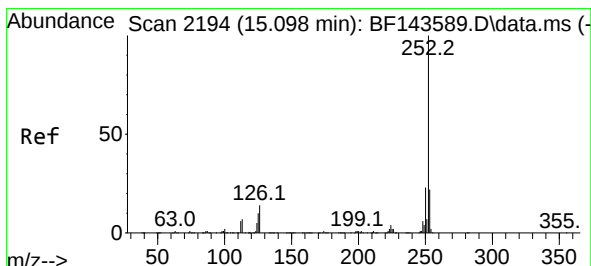
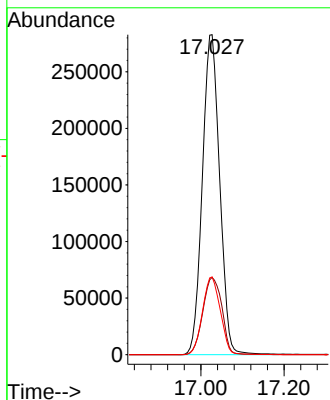
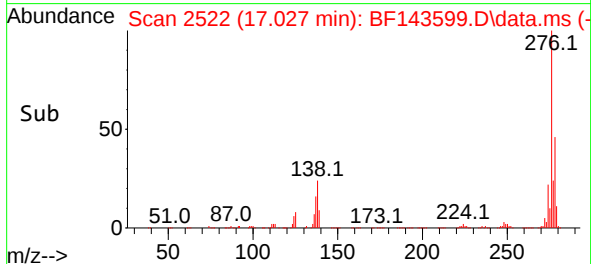


#87
Indeno(1,2,3-cd)pyrene
Concen: 50.779 ng
RT: 17.027 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

Instrument :
BNA_F
ClientSampleId :
PB169400BSD

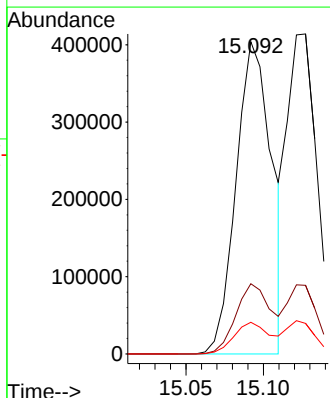
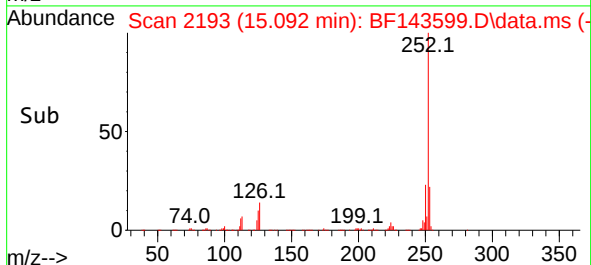
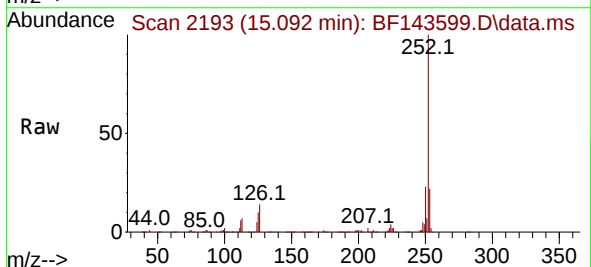


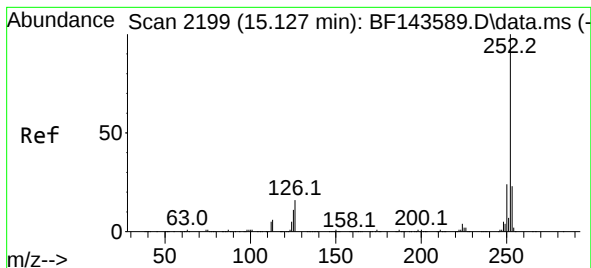
Tgt Ion:276 Resp: 818165
Ion Ratio Lower Upper
276 100
138 26.7 22.3 33.5
277 25.0 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 47.748 ng
RT: 15.092 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

Tgt Ion:252 Resp: 646081
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 10.2 8.2 12.2





#89

Benzo(k)fluoranthene

Concen: 44.457 ng

RT: 15.127 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF143599.D

Acq: 27 Aug 2025 10:44

Instrument :

BNA_F

ClientSampleId :

PB169400BSD

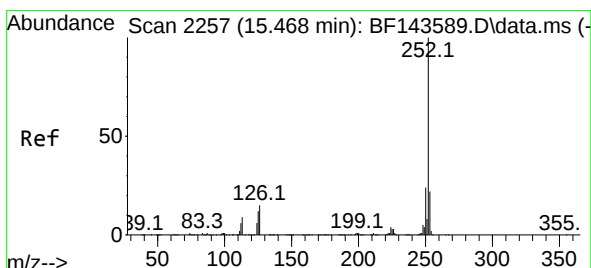
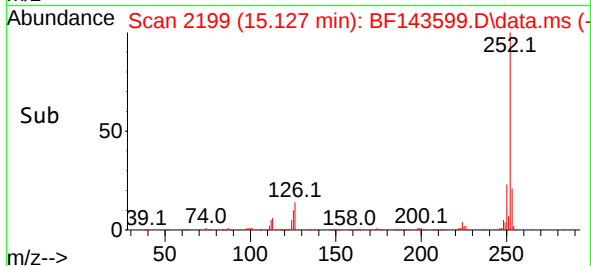
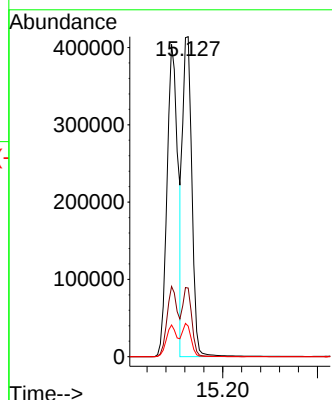
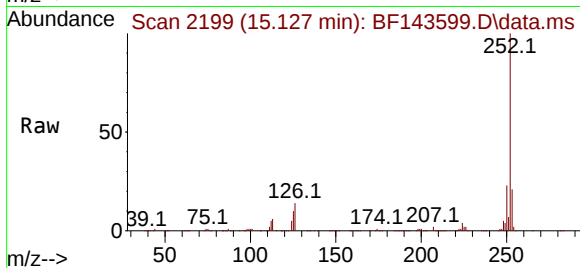
Tgt Ion:252 Resp: 562452

Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 9.5 8.2 12.4



#90

Benzo(a)pyrene

Concen: 50.526 ng

RT: 15.462 min Scan# 2256

Delta R.T. -0.006 min

Lab File: BF143599.D

Acq: 27 Aug 2025 10:44

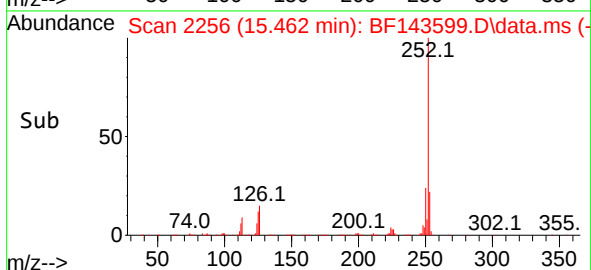
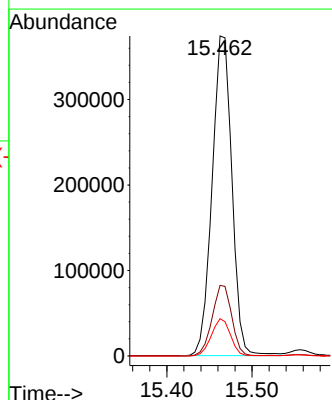
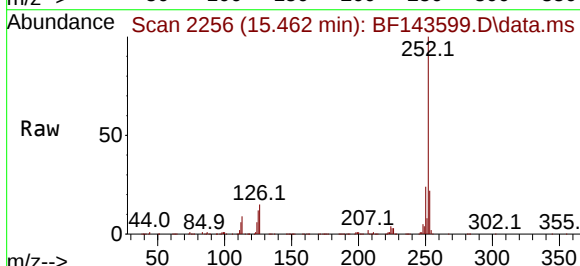
Tgt Ion:252 Resp: 604048

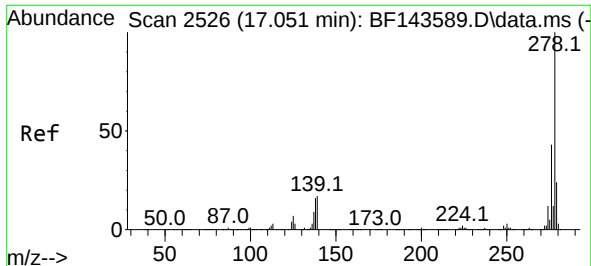
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 11.6 9.2 13.8

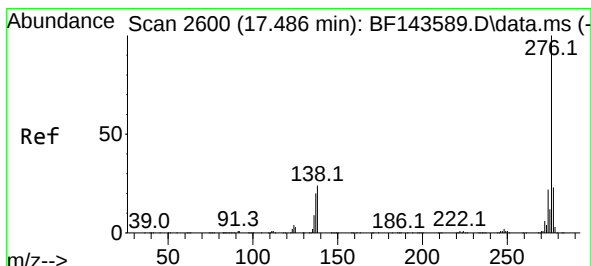
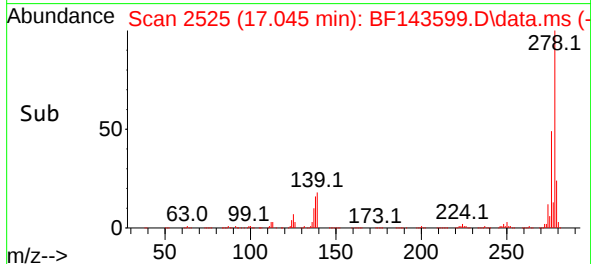
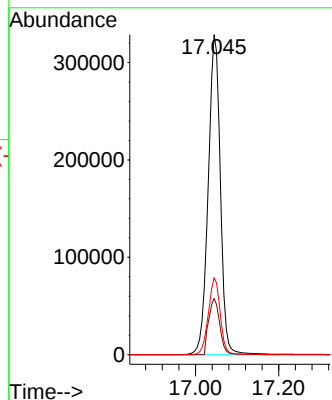
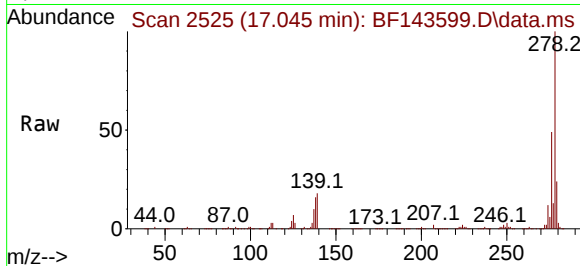




#91
Dibenzo(a,h)anthracene
Concen: 50.730 ng
RT: 17.045 min Scan# 2526
Delta R.T. -0.006 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

Instrument :
BNA_F
ClientSampleId :
PB169400BSD

Tgt Ion:278 Resp: 668979
Ion Ratio Lower Upper
278 100
139 17.5 13.8 20.8
279 24.0 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 51.140 ng
RT: 17.480 min Scan# 2599
Delta R.T. -0.006 min
Lab File: BF143599.D
Acq: 27 Aug 2025 10:44

Tgt Ion:276 Resp: 667660
Ion Ratio Lower Upper
276 100
277 23.6 18.6 27.8
138 23.3 19.1 28.7

