

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
 Data File : BF143598.D
 Acq On : 27 Aug 2025 10:15
 Operator : RC/JU
 Sample : PB169400BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169400BS

Quant Time: Aug 27 11:28:26 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	117260	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	459452	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	253915	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	408187	20.000	ng	0.00
76) Chrysene-d12	14.051	240	238087	20.000	ng	0.00
86) Perylene-d12	15.527	264	241951	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	858508	124.609	ng	0.01
7) Phenol-d6	6.516	99	1063207	124.596	ng	0.00
23) Nitrobenzene-d5	7.451	82	655899	101.930	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	297639	149.894	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1311942	88.341	ng	0.00
79) Terphenyl-d14	12.998	244	1260204	94.983	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.775	88	129397	38.391	ng	98
3) Pyridine	3.528	79	344242	40.673	ng	96
4) n-Nitrosodimethylamine	3.481	42	179629	44.601	ng	97
6) Aniline	6.557	93	427671	35.900	ng	98
8) 2-Chlorophenol	6.675	128	334107	45.836	ng	99
9) Benzaldehyde	6.439	77	140566	21.892	ng	98
10) Phenol	6.528	94	440051	45.980	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	321451	43.832	ng	98
12) 1,3-Dichlorobenzene	6.834	146	377503	45.087	ng	99
13) 1,4-Dichlorobenzene	6.910	146	381786	45.221	ng	100
14) 1,2-Dichlorobenzene	7.063	146	364634	45.533	ng	99
15) Benzyl Alcohol	7.028	79	301911	47.209	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	577885	42.689	ng	98
17) 2-Methylphenol	7.134	107	285171	46.085	ng	99
18) Hexachloroethane	7.404	117	124300	46.336	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	248777	46.020	ng	97
20) 3+4-Methylphenols	7.287	107	349779	46.024	ng	96
22) Acetophenone	7.298	105	471769	45.594	ng	98
24) Nitrobenzene	7.475	77	353571	51.251	ng	97
25) Isophorone	7.710	82	680392	45.183	ng	99
26) 2-Nitrophenol	7.786	139	151356	52.144	ng	99
27) 2,4-Dimethylphenol	7.822	122	326383	49.815	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	407093	44.683	ng	99
29) 2,4-Dichlorophenol	8.022	162	296807	47.018	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	314947	47.784	ng	99
31) Naphthalene	8.192	128	973698	43.864	ng	100
32) Benzoic acid	7.928	122	170740	50.191	ng	98
33) 4-Chloroaniline	8.239	127	231262	29.489	ng	98
34) Hexachlorobutadiene	8.310	225	187894	45.240	ng	99
35) Caprolactam	8.604	113	48449	27.015	ng	99
36) 4-Chloro-3-methylphenol	8.716	107	310917	47.110	ng	99
37) 2-Methylnaphthalene	8.886	142	604301	41.222	ng	100
38) 1-Methylnaphthalene	8.986	142	624575	44.145	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	296402	44.879	ng	98
41) Hexachlorocyclopentadiene	9.039	237	403823	124.289	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	206882	47.404	ng	99

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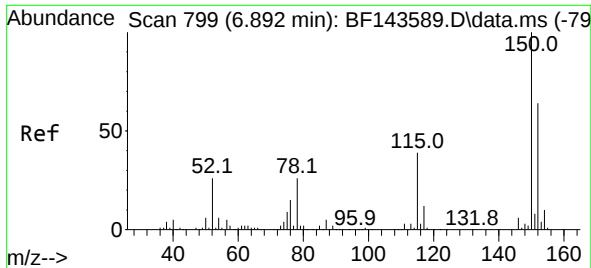
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	223076	50.585	ng	98
46) 1,1'-Biphenyl	9.351	154	811160	46.040	ng	100
47) 2-Chloronaphthalene	9.375	162	633757	45.536	ng	99
48) 2-Nitroaniline	9.469	65	195403	50.320	ng	99
49) Acenaphthylene	9.792	152	1020566	50.399	ng	100
50) Dimethylphthalate	9.651	163	737063	47.193	ng	99
51) 2,6-Dinitrotoluene	9.710	165	152983	57.290	ng	92
52) Acenaphthene	9.963	154	642943	48.472	ng	99
53) 3-Nitroaniline	9.875	138	113704	37.670	ng	# 98
54) 2,4-Dinitrophenol	9.980	184	116602	96.781	ng	# 15
55) Dibenzofuran	10.133	168	887774	45.650	ng	99
56) 4-Nitrophenol	10.028	139	253582	93.392	ng	99
57) 2,4-Dinitrotoluene	10.110	165	199491	56.910	ng	98
58) Fluorene	10.480	166	667712	45.730	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	186747	57.278	ng	98
60) Diethylphthalate	10.351	149	705100	48.174	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	327308	45.836	ng	99
62) 4-Nitroaniline	10.492	138	156327	53.429	ng	98
63) Azobenzene	10.633	77	694172	46.777	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	80375	55.419	ng	96
66) n-Nitrosodiphenylamine	10.586	169	597578	46.026	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	205240	46.485	ng	99
68) Hexachlorobenzene	11.022	284	219402	46.457	ng	97
69) Atrazine	11.116	200	186646	50.011	ng	100
70) Pentachlorophenol	11.216	266	273761	101.459	ng	98
71) Phenanthrene	11.439	178	996847	45.612	ng	100
72) Anthracene	11.492	178	1008094	45.771	ng	100
73) Carbazole	11.645	167	882708	46.365	ng	100
74) Di-n-butylphthalate	11.974	149	995306	51.327	ng	100
75) Fluoranthene	12.627	202	934488	46.830	ng	99
77) Benzidine	12.745	184	357236	65.172	ng	99
78) Pyrene	12.857	202	937742	47.062	ng	99
80) Butylbenzylphthalate	13.474	149	281063	49.800	ng	98
81) Benzo(a)anthracene	14.039	228	712027	47.536	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	128565	32.014	ng	99
83) Chrysene	14.080	228	613559	43.953	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	329595	45.414	ng	100
85) Di-n-octyl phthalate	14.651	149	586870	43.794	ng	98
87) Indeno(1,2,3-cd)pyrene	17.021	276	806812	49.012	ng	99
88) Benzo(b)fluoranthene	15.092	252	640761	46.350	ng	100
89) Benzo(k)fluoranthene	15.127	252	571012	44.176	ng	99
90) Benzo(a)pyrene	15.468	252	606588	49.662	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	667259	49.526	ng	99
92) Benzo(g,h,i)perylene	17.474	276	656943	49.252	ng	99

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

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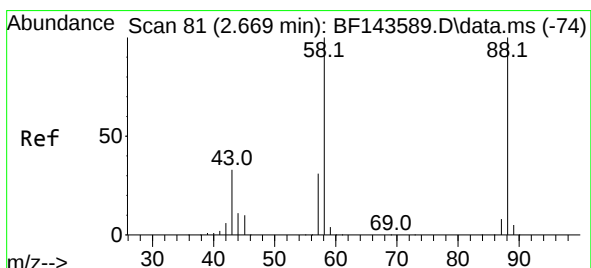
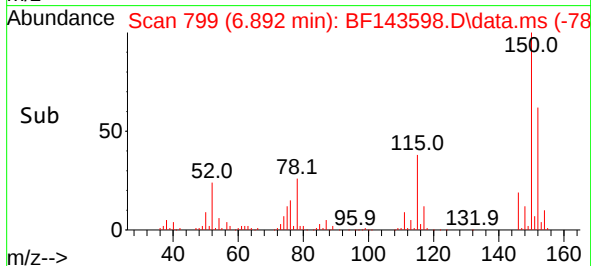
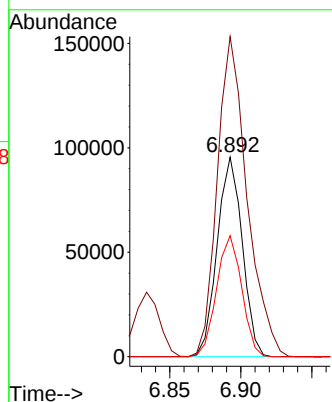
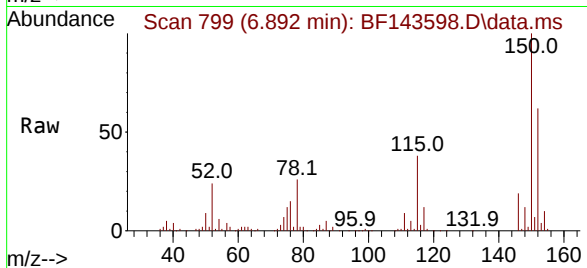




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF143598.D
 Acq: 27 Aug 2025 10:15

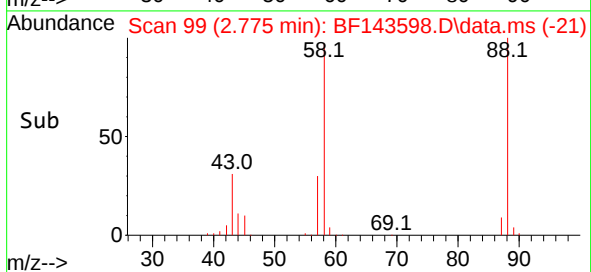
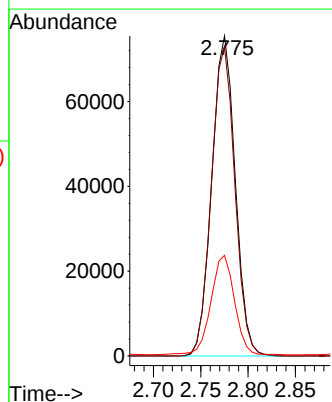
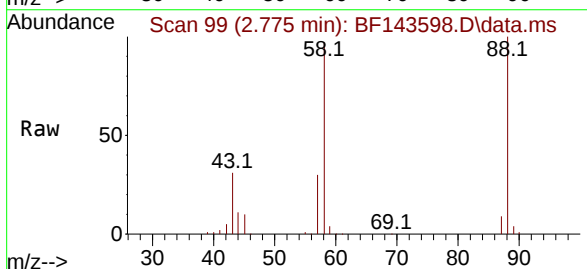
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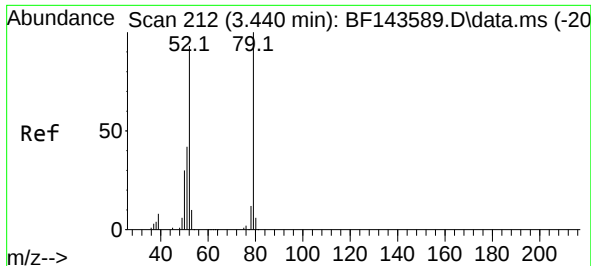
Tgt Ion:152 Resp: 117260
 Ion Ratio Lower Upper
 152 100
 150 160.4 124.9 187.3
 115 60.6 48.0 72.0



#2
 1,4-Dioxane
 Concen: 38.391 ng
 RT: 2.775 min Scan# 99
 Delta R.T. 0.106 min
 Lab File: BF143598.D
 Acq: 27 Aug 2025 10:15

Tgt Ion: 88 Resp: 129397
 Ion Ratio Lower Upper
 88 100
 58 97.2 79.2 118.8
 43 31.5 26.2 39.2





#3

Pyridine

Concen: 40.673 ng

RT: 3.528 min Scan# 21

Delta R.T. 0.088 min

Lab File: BF143598.D

Acq: 27 Aug 2025 10:15

Instrument :

BNA_F

ClientSampleId :

PB169400BS

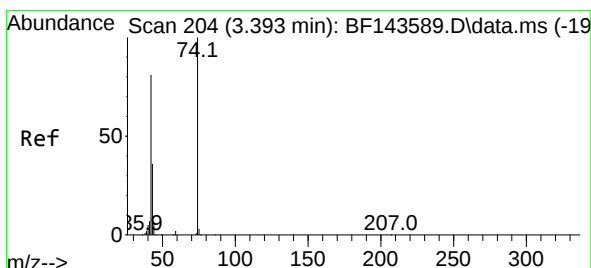
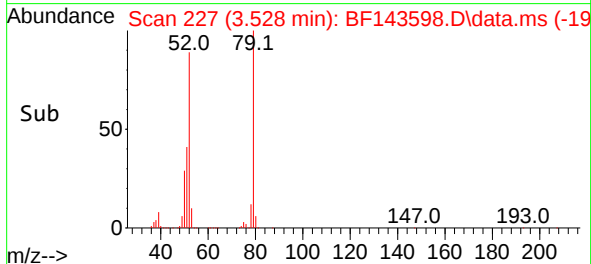
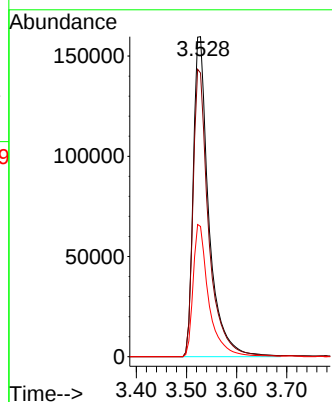
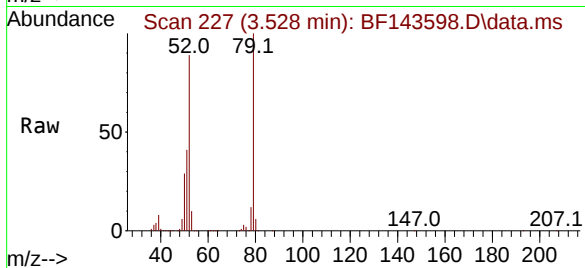
Tgt Ion: 79 Resp: 344242

Ion Ratio Lower Upper

79 100

52 88.7 74.3 111.5

51 40.7 33.5 50.3



#4

n-Nitrosodimethylamine

Concen: 44.601 ng

RT: 3.481 min Scan# 219

Delta R.T. 0.088 min

Lab File: BF143598.D

Acq: 27 Aug 2025 10:15

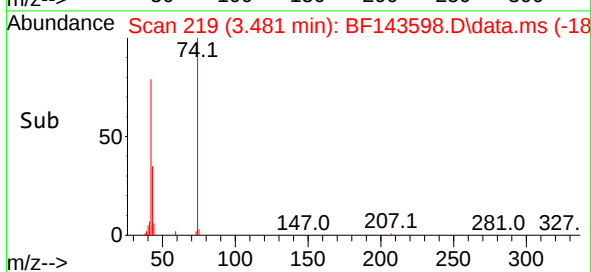
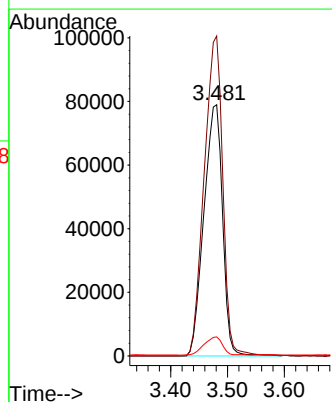
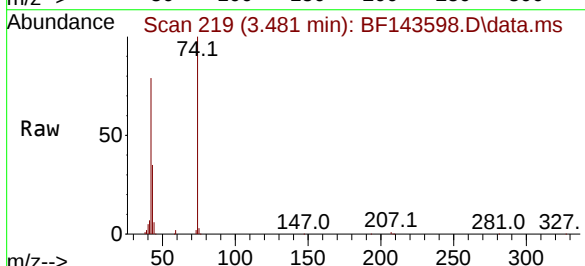
Tgt Ion: 42 Resp: 179629

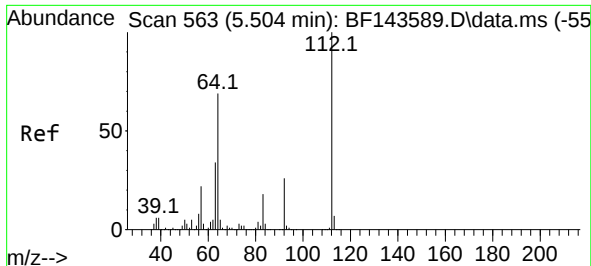
Ion Ratio Lower Upper

42 100

74 127.4 98.9 148.3

44 7.6 7.0 10.4

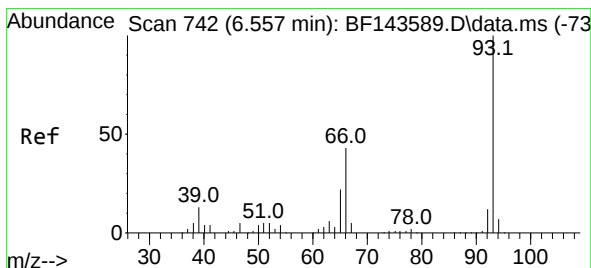
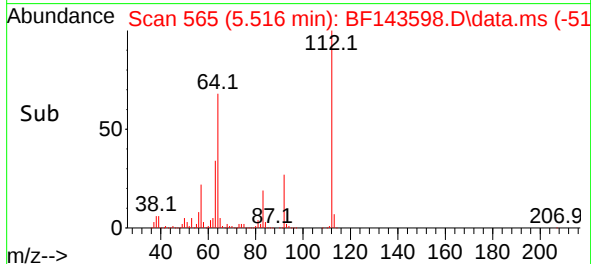
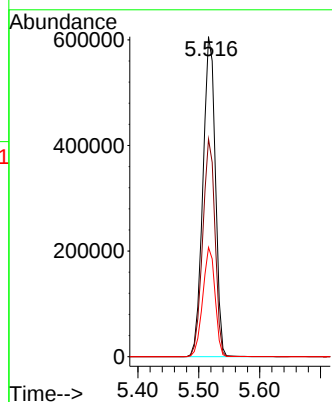
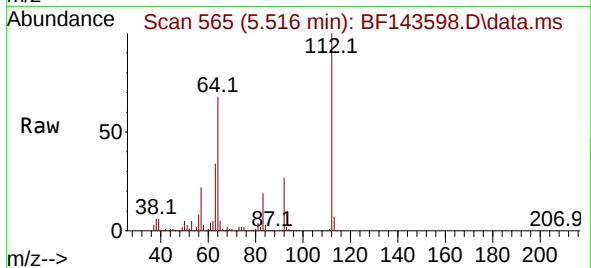




#5
2-Fluorophenol
Concen: 124.609 ng
RT: 5.516 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

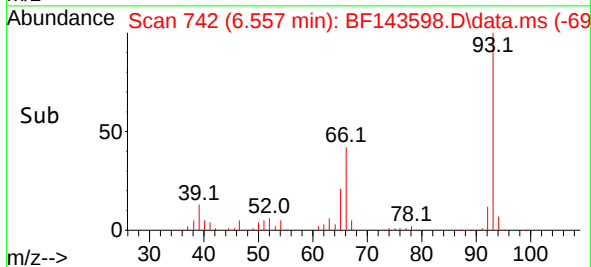
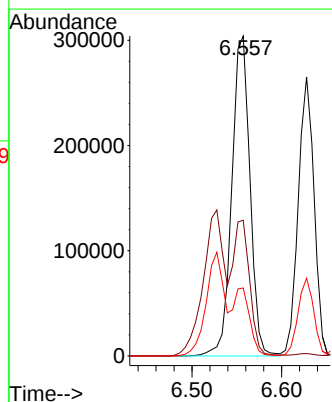
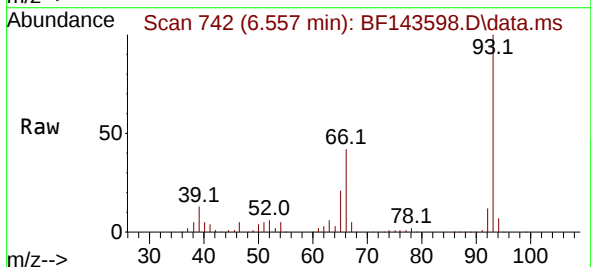
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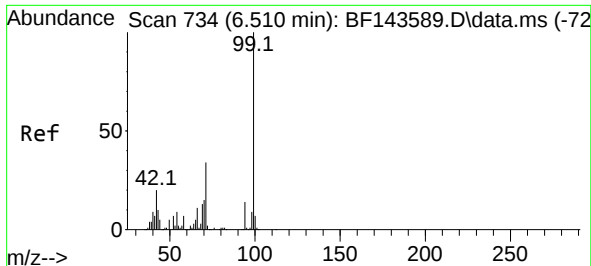
Tgt Ion:112 Resp: 858508
Ion Ratio Lower Upper
112 100
64 68.0 54.8 82.2
63 34.1 27.6 41.4



#6
Aniline
Concen: 35.900 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

Tgt Ion: 93 Resp: 427671
Ion Ratio Lower Upper
93 100
66 42.4 35.0 52.4
65 21.3 17.5 26.3

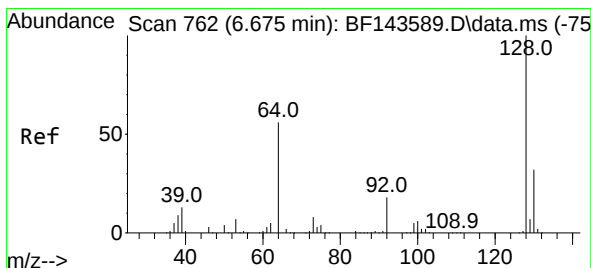
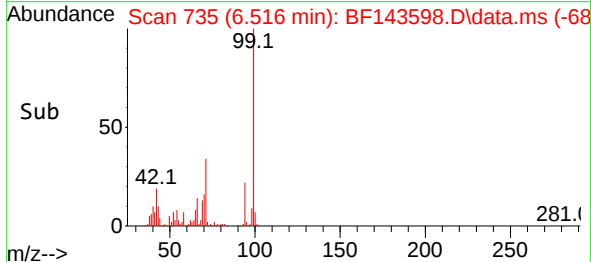
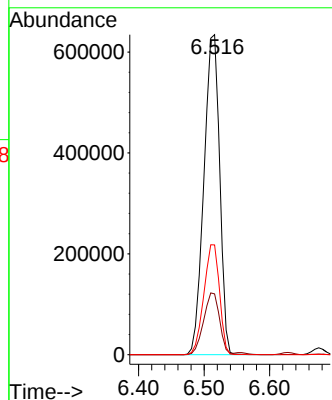
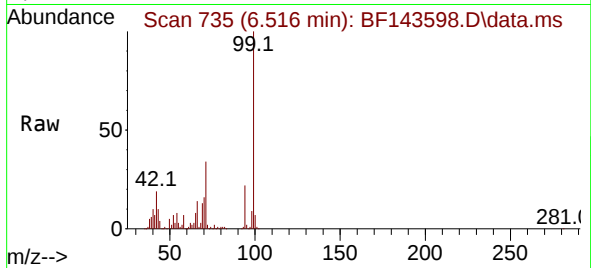




#7
Phenol-d6
Concen: 124.596 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

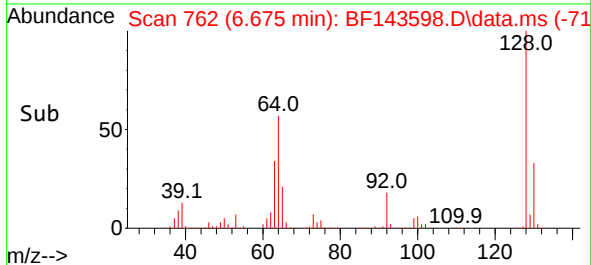
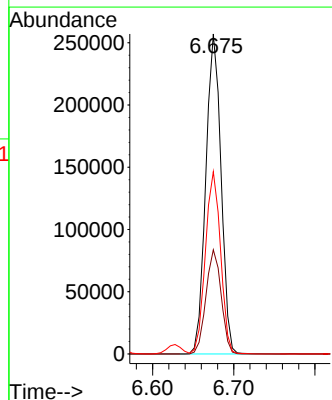
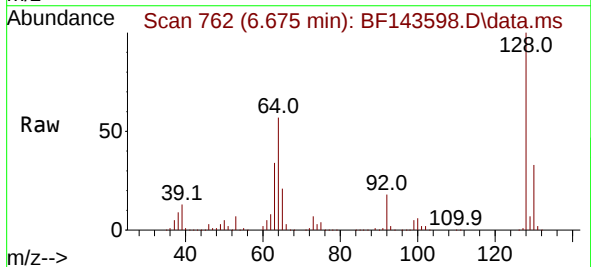
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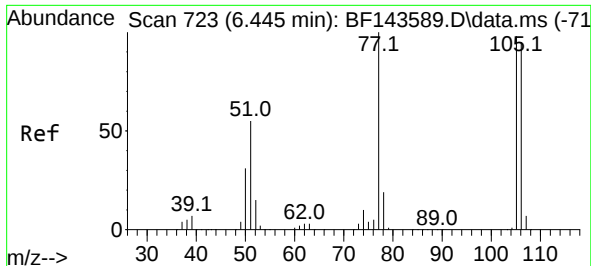
Tgt Ion: 99 Resp: 1063207
Ion Ratio Lower Upper
99 100
42 19.0 15.9 23.9
71 34.3 27.2 40.8



#8
2-Chlorophenol
Concen: 45.836 ng
RT: 6.675 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

Tgt Ion: 128 Resp: 334107
Ion Ratio Lower Upper
128 100
130 32.5 12.3 52.3
64 56.9 38.4 78.4

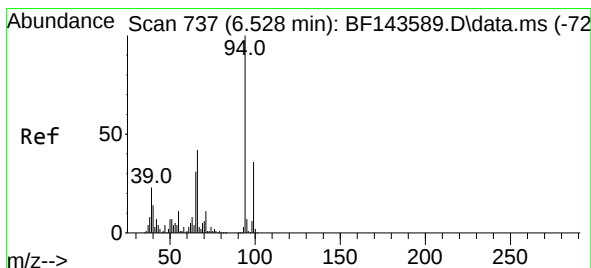
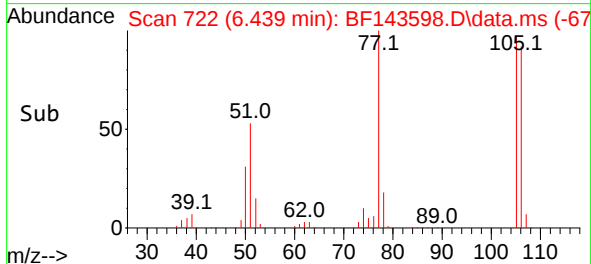
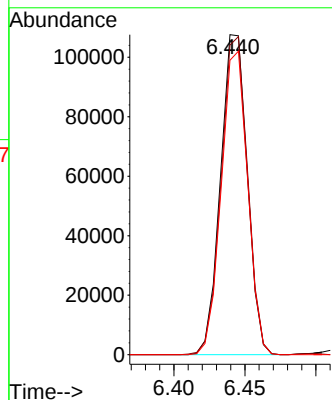
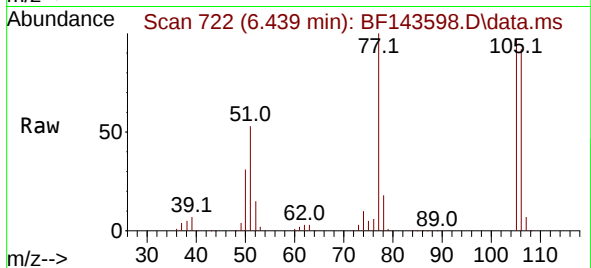




#9
Benzaldehyde
Concen: 21.892 ng
RT: 6.439 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

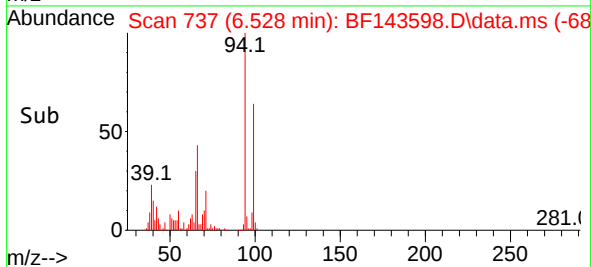
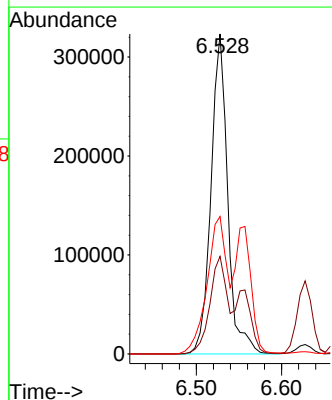
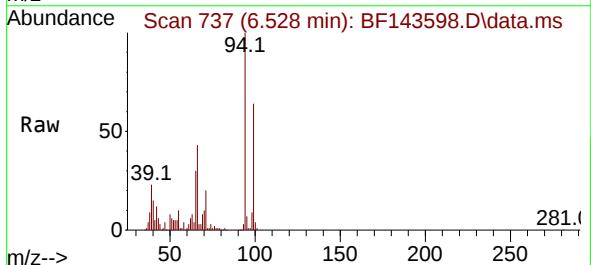
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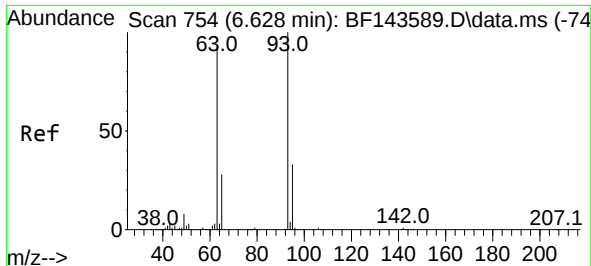
Tgt Ion: 77 Resp: 140566
Ion Ratio Lower Upper
77 100
105 96.7 77.9 117.9
106 92.0 74.9 114.9



#10
Phenol
Concen: 45.980 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

Tgt Ion: 94 Resp: 440051
Ion Ratio Lower Upper
94 100
65 30.5 11.0 51.0
66 43.0 22.1 62.1

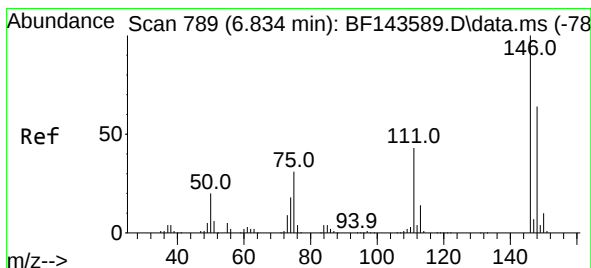
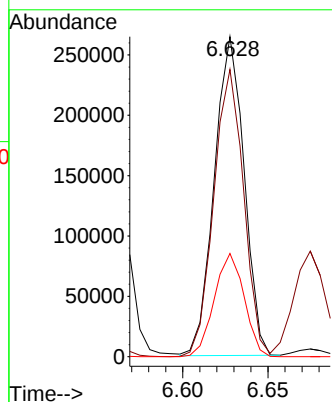
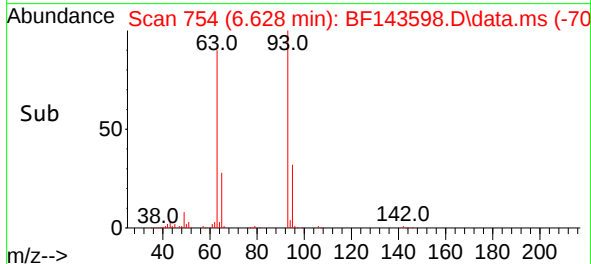
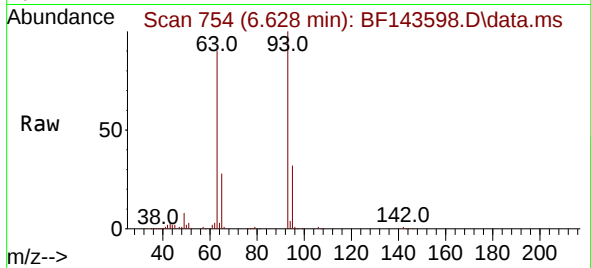




#11
bis(2-Chloroethyl)ether
Concen: 43.832 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

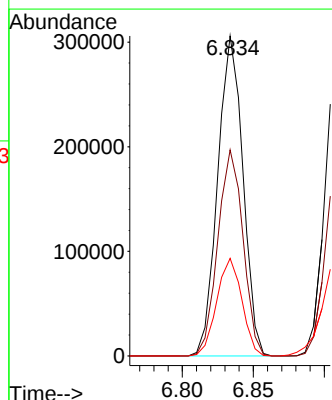
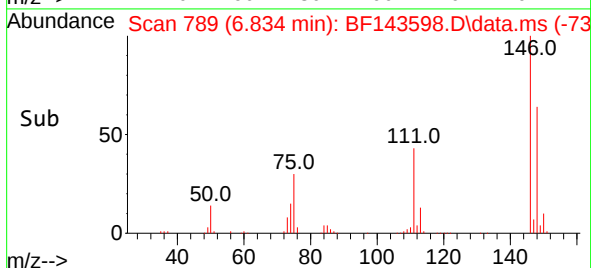
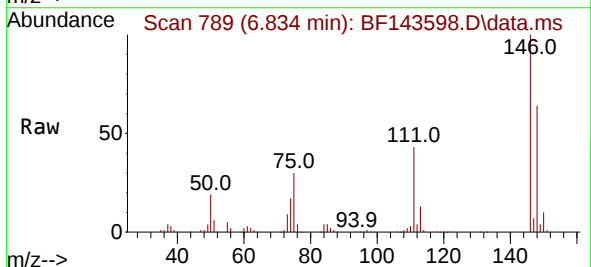
Instrument :
BNA_F
ClientSampleId :
PB169400BS

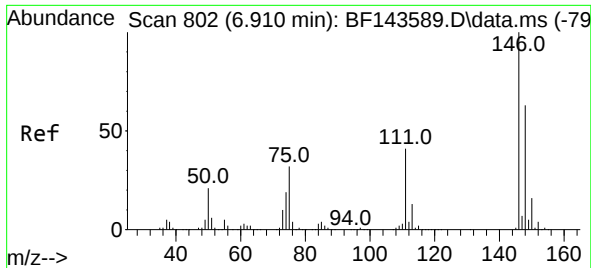
Tgt Ion: 93 Resp: 321451
Ion Ratio Lower Upper
93 100
63 89.7 72.1 112.1
95 32.3 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 45.087 ng
RT: 6.834 min Scan# 789
Delta R.T. 0.000 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

Tgt Ion:146 Resp: 377503
Ion Ratio Lower Upper
146 100
148 64.4 51.1 76.7
75 30.5 25.2 37.8

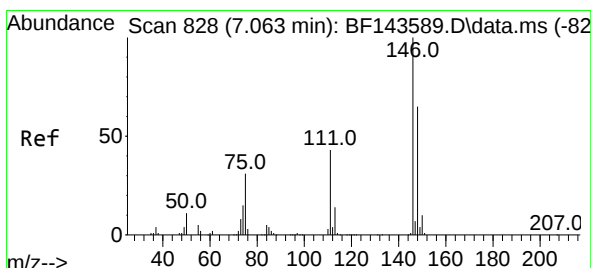
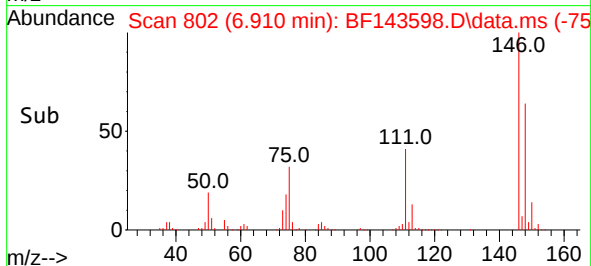
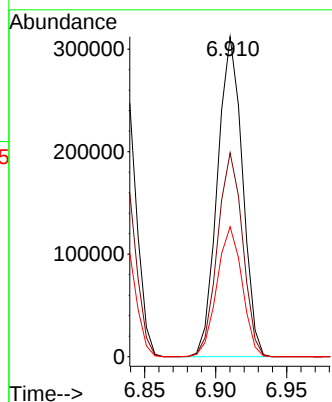
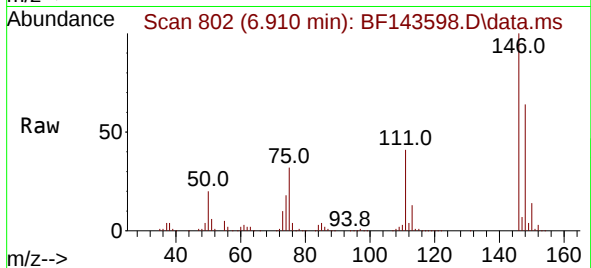




#13
1,4-Dichlorobenzene
Concen: 45.221 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

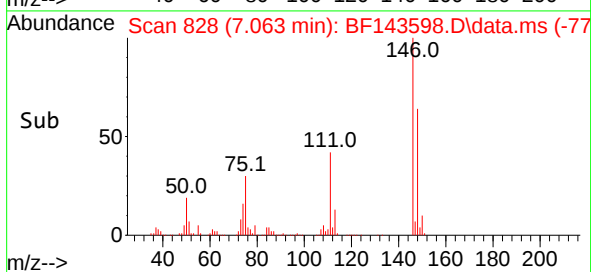
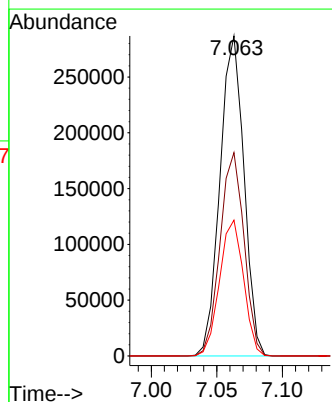
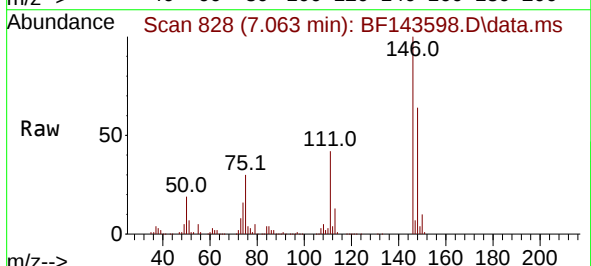
Instrument :
BNA_F
ClientSampleId :
PB169400BS

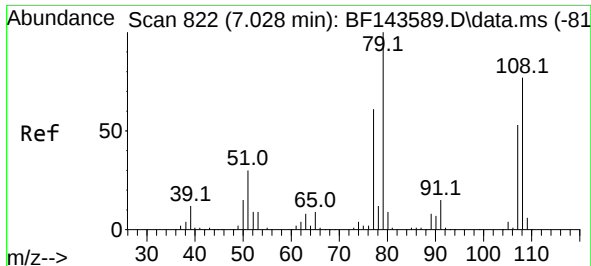
Tgt Ion:146 Resp: 381786
Ion Ratio Lower Upper
146 100
148 63.7 50.6 75.8
111 40.6 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 45.533 ng
RT: 7.063 min Scan# 828
Delta R.T. 0.000 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

Tgt Ion:146 Resp: 364634
Ion Ratio Lower Upper
146 100
148 63.6 51.7 77.5
111 42.4 34.7 52.1



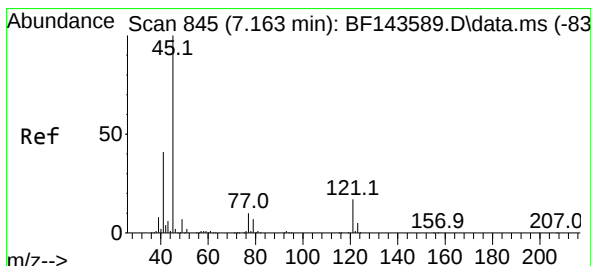
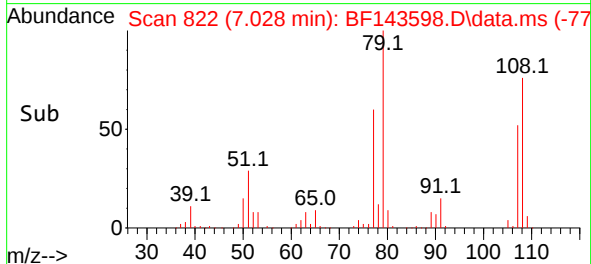
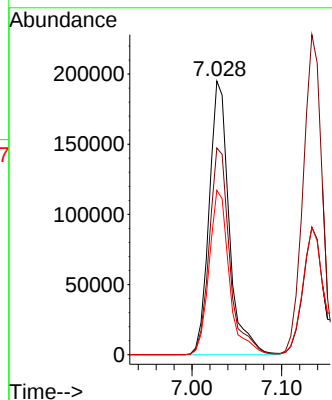
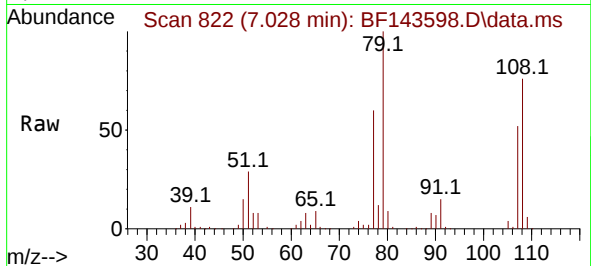


#15
Benzyl Alcohol
Concen: 47.209 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

Instrument :
BNA_F
ClientSampleId :
PB169400BS

Tgt Ion: 79 Resp: 301911

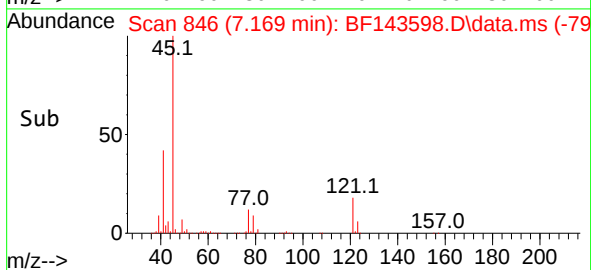
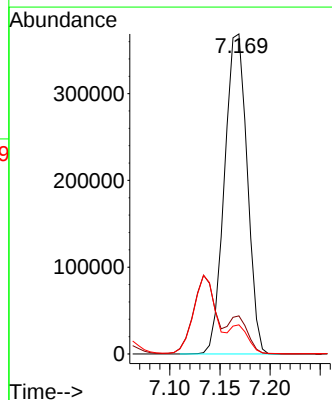
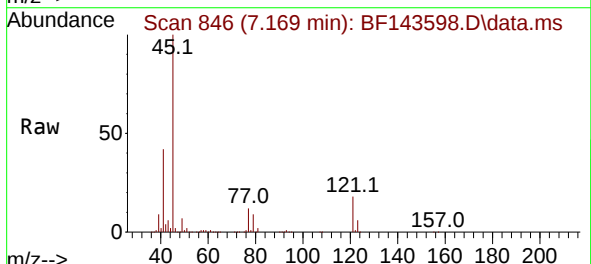
Ion	Ratio	Lower	Upper
79	100		
108	75.6	61.3	91.9
77	60.0	48.7	73.1

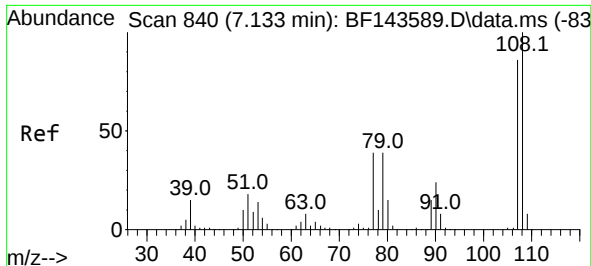


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.689 ng
RT: 7.169 min Scan# 846
Delta R.T. 0.006 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

Tgt Ion: 45 Resp: 577885

Ion	Ratio	Lower	Upper
45	100		
77	11.9	0.0	31.1
79	9.1	0.0	28.1

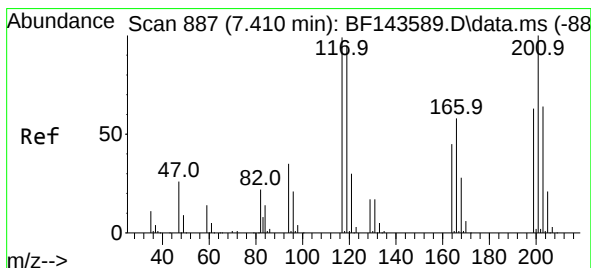
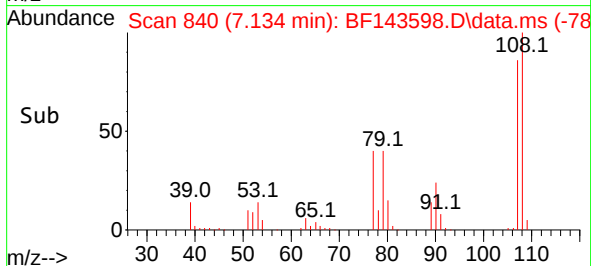
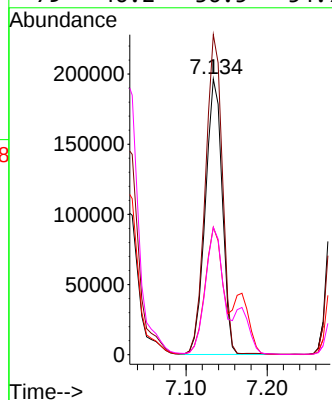
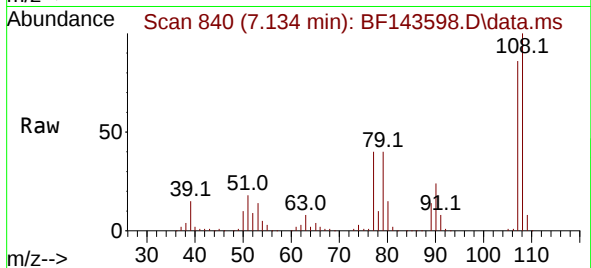




#17
2-Methylphenol
Concen: 46.085 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

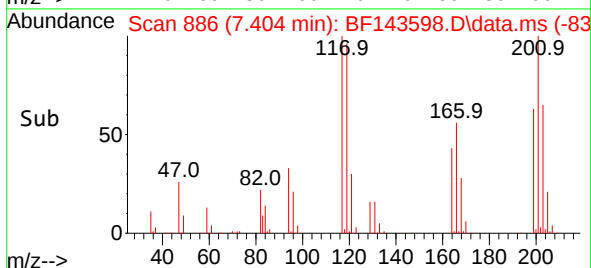
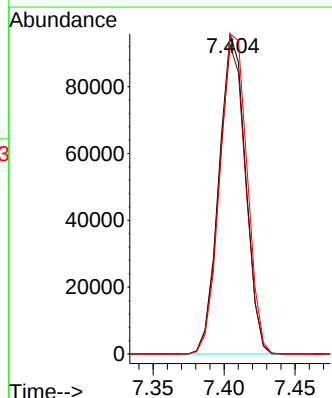
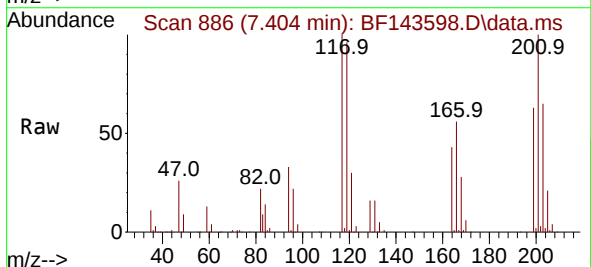
Instrument :
BNA_F
ClientSampleId :
PB169400BS

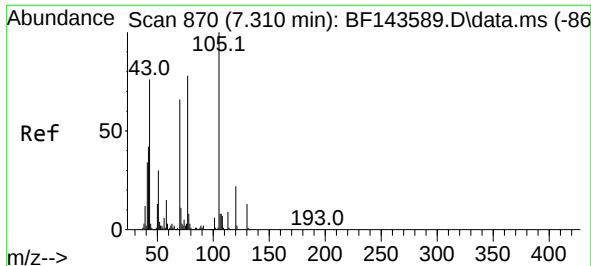
Tgt Ion:	107	Resp:	285171
Ion	Ratio	Lower	Upper
107	100		
108	116.1	92.6	138.8
77	46.2	36.3	54.5
79	46.2	36.5	54.7



#18
Hexachloroethane
Concen: 46.336 ng
RT: 7.404 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

Tgt Ion:	117	Resp:	124300
Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.6	115.0
201	99.9	81.0	121.4



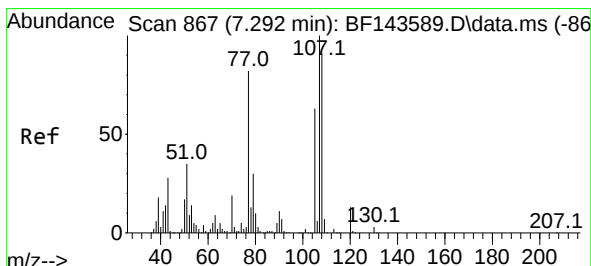
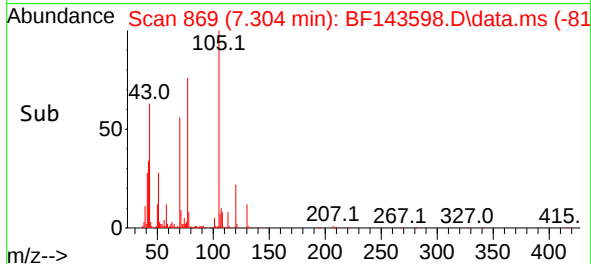
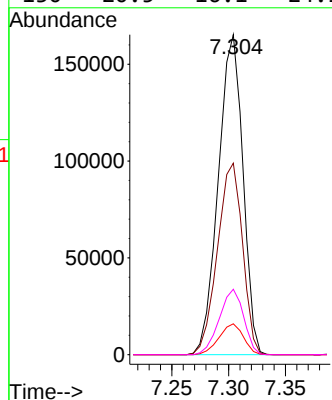
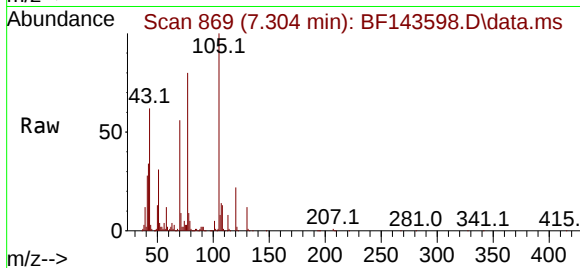


#19
n-Nitroso-di-n-propylamine
Concen: 46.020 ng
RT: 7.304 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

Instrument :
BNA_F
ClientSampleId :
PB169400BS

Tgt Ion: 70 Resp: 248777

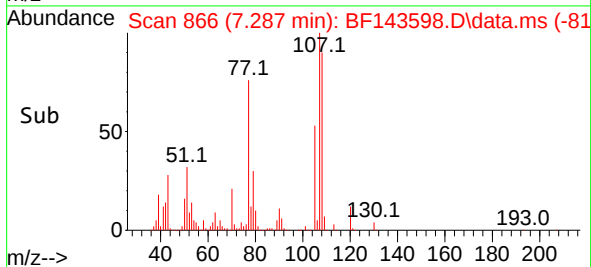
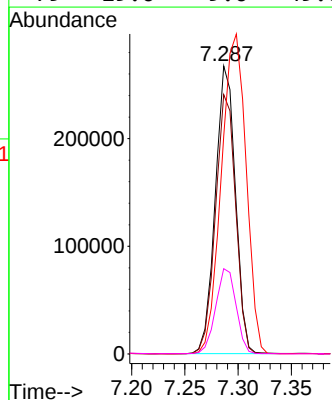
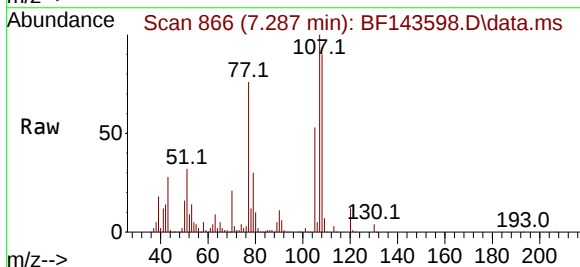
Ion	Ratio	Lower	Upper
70	100		
42	59.8	50.6	75.8
101	9.7	7.5	11.3
130	20.5	16.1	24.1

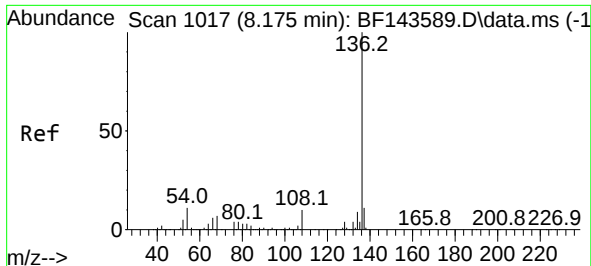


#20
3+4-Methylphenols
Concen: 46.024 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

Tgt Ion: 107 Resp: 349779

Ion	Ratio	Lower	Upper
107	100		
108	90.0	71.1	111.1
77	75.6	62.5	102.5
79	29.6	9.6	49.6



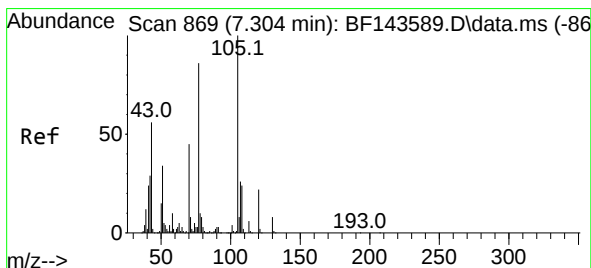
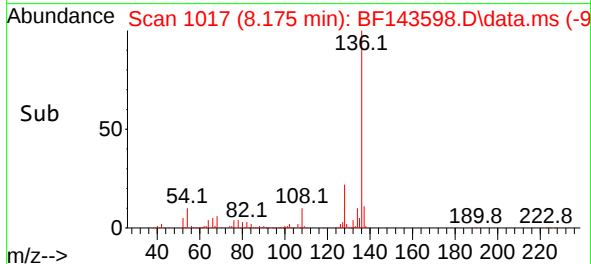
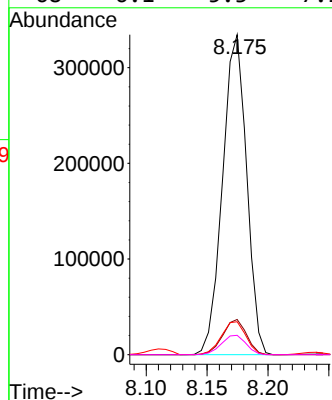
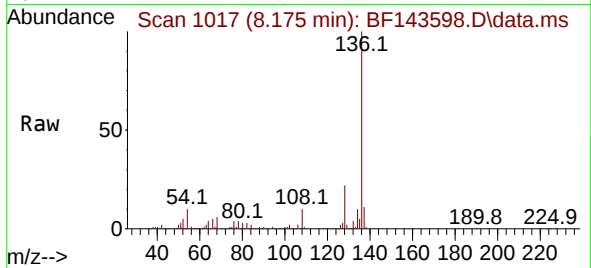


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

Instrument :
BNA_F
ClientSampleId :
PB169400BS

Tgt Ion:136 Resp: 459452

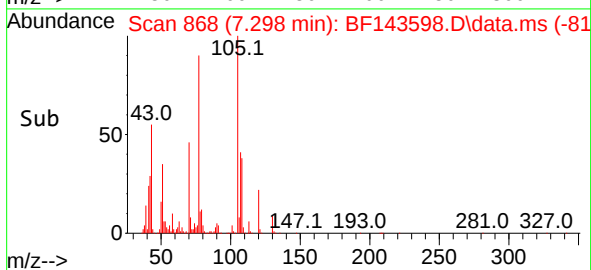
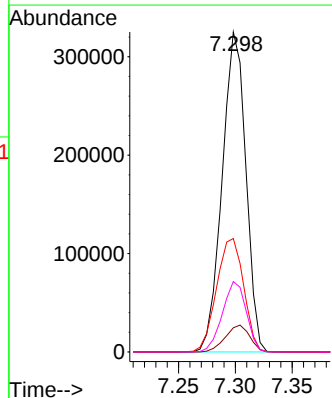
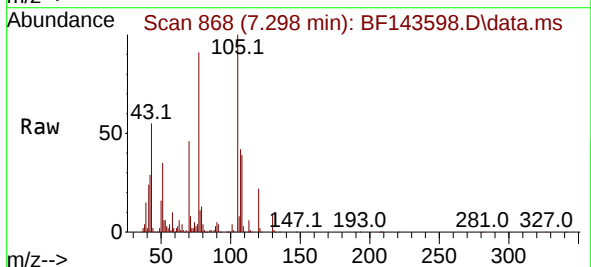
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	10.3	9.0	13.6
68	6.1	5.3	7.9

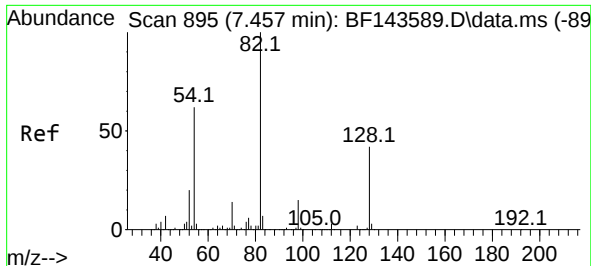


#22
Acetophenone
Concen: 45.594 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

Tgt Ion:105 Resp: 471769

Ion	Ratio	Lower	Upper
105	100		
71	7.5	6.0	9.0
51	35.4	27.0	40.6
120	22.0	17.8	26.6





#23

Nitrobenzene-d5

Concen: 101.930 ng

RT: 7.451 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF143598.D

Acq: 27 Aug 2025 10:15

Instrument :

BNA_F

ClientSampleId :

PB169400BS

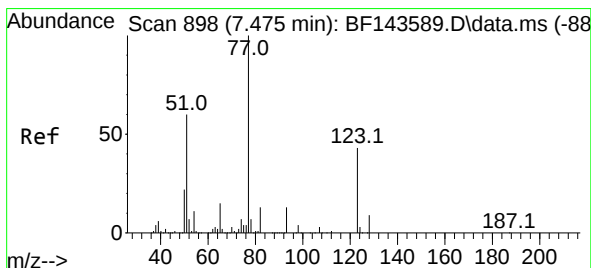
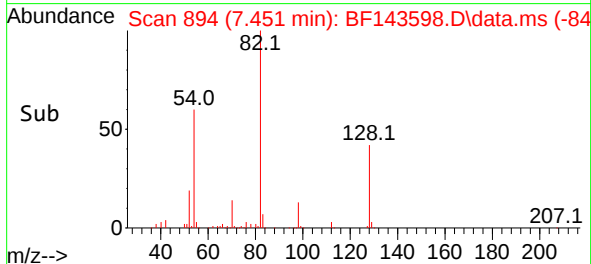
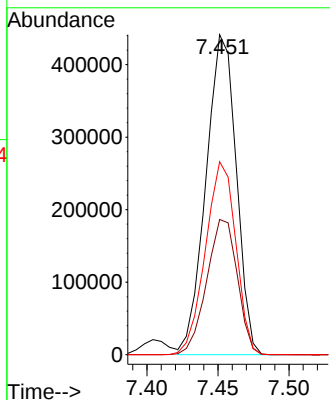
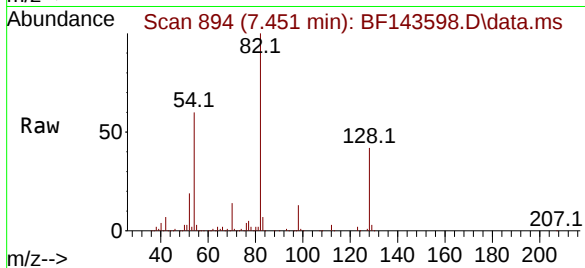
Tgt Ion: 82 Resp: 655899

Ion Ratio Lower Upper

82 100

128 42.3 33.4 50.2

54 60.3 49.3 73.9



#24

Nitrobenzene

Concen: 51.251 ng

RT: 7.475 min Scan# 898

Delta R.T. 0.000 min

Lab File: BF143598.D

Acq: 27 Aug 2025 10:15

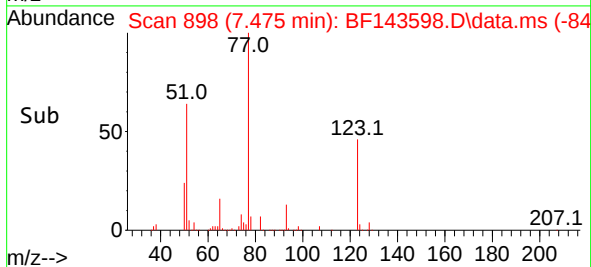
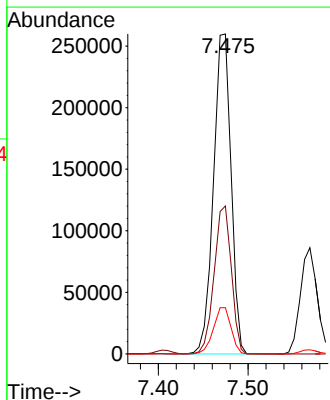
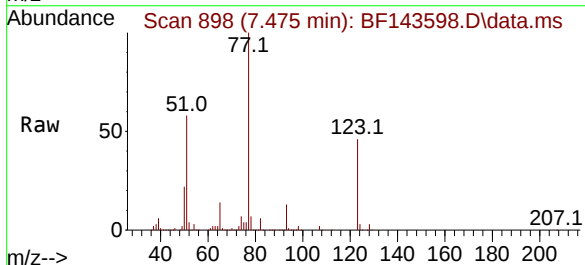
Tgt Ion: 77 Resp: 353571

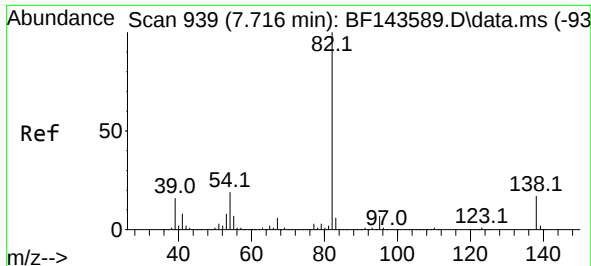
Ion Ratio Lower Upper

77 100

123 46.3 34.9 52.3

65 14.4 12.0 18.0

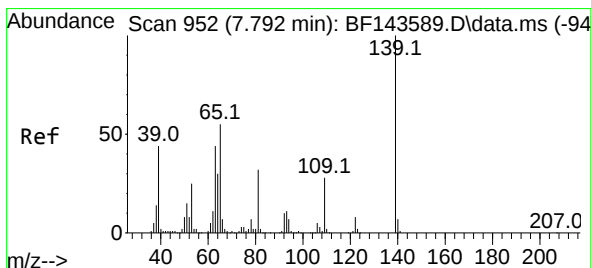
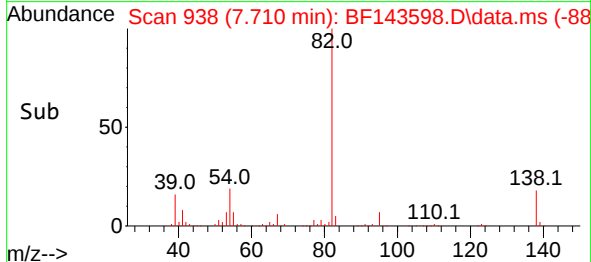
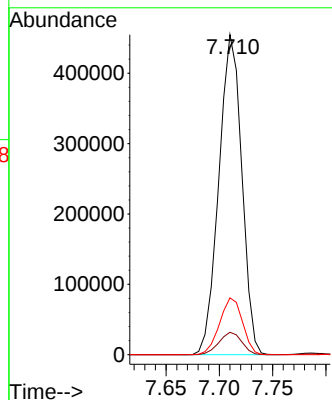
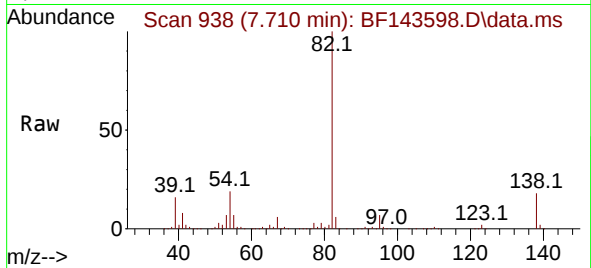




#25
Isophorone
Concen: 45.183 ng
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

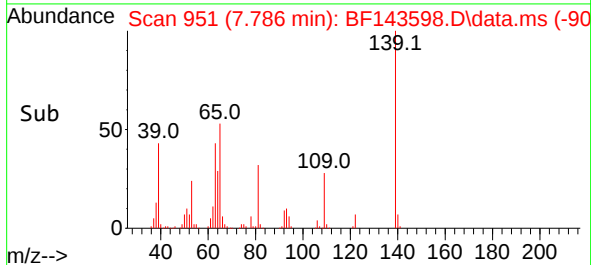
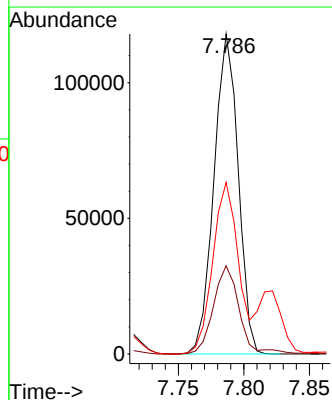
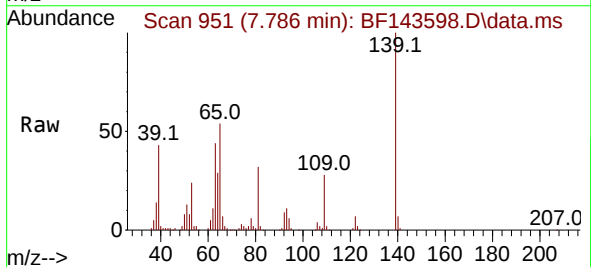
Instrument :
BNA_F
ClientSampleId :
PB169400BS

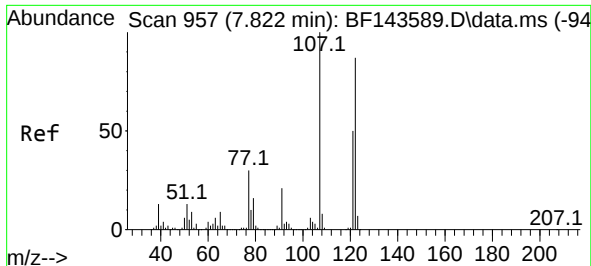
Tgt Ion: 82 Resp: 680392
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 17.8 13.8 20.8



#26
2-Nitrophenol
Concen: 52.144 ng
RT: 7.786 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

Tgt Ion: 139 Resp: 151356
Ion Ratio Lower Upper
139 100
109 27.6 22.3 33.5
65 53.6 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 49.815 ng

RT: 7.822 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF143598.D

Acq: 27 Aug 2025 10:15

Instrument :

BNA_F

ClientSampleId :

PB169400BS

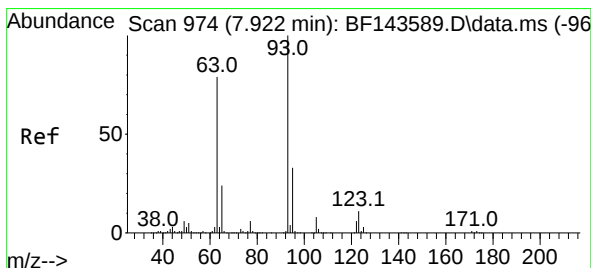
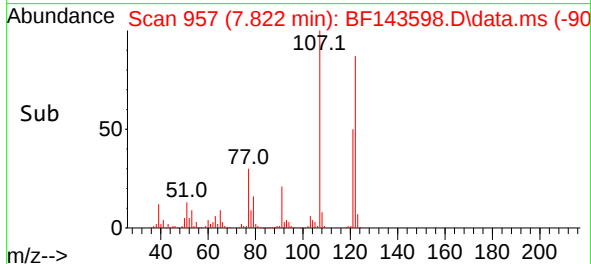
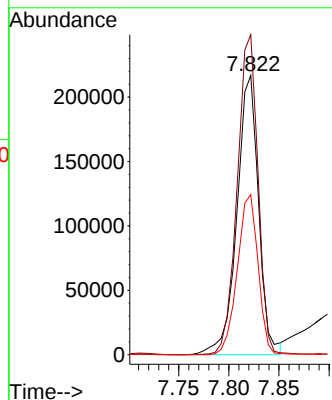
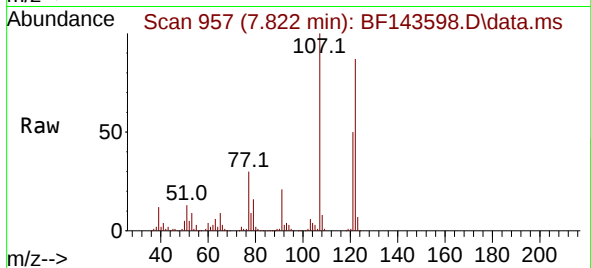
Tgt Ion:122 Resp: 326383

Ion Ratio Lower Upper

122 100

107 114.6 92.1 138.1

121 57.3 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 44.683 ng

RT: 7.922 min Scan# 974

Delta R.T. 0.000 min

Lab File: BF143598.D

Acq: 27 Aug 2025 10:15

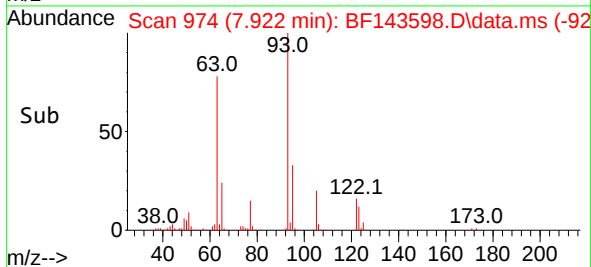
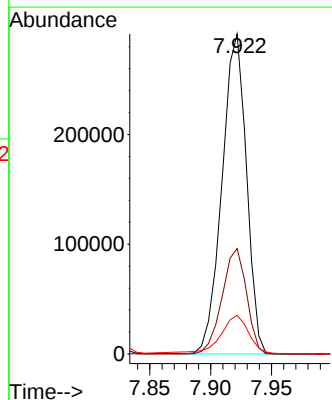
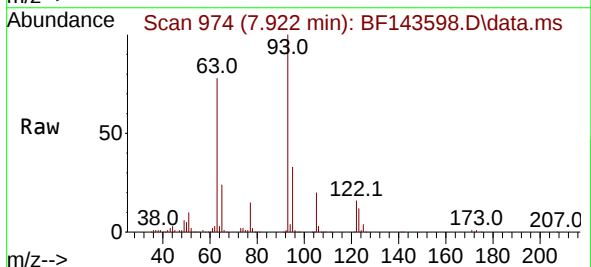
Tgt Ion: 93 Resp: 407093

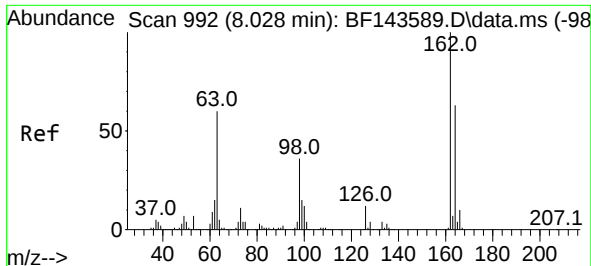
Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.2

123 12.1 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 47.018 ng

RT: 8.022 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143598.D

Acq: 27 Aug 2025 10:15

Instrument :

BNA_F

ClientSampleId :

PB169400BS

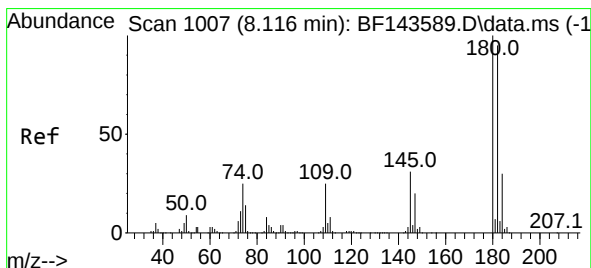
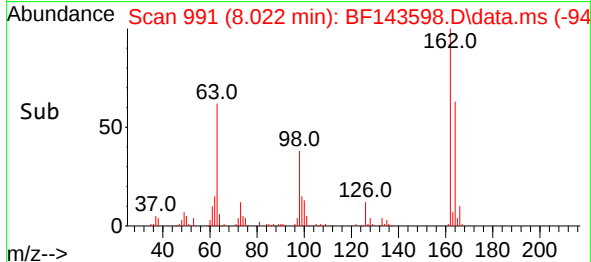
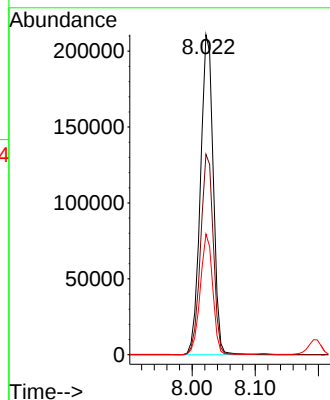
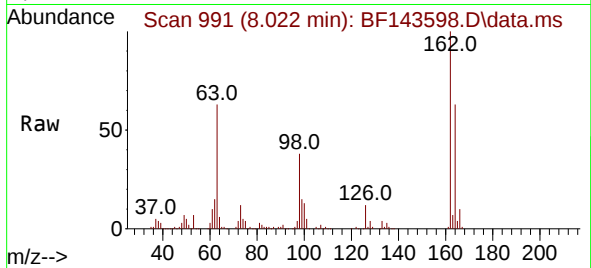
Tgt Ion:162 Resp: 296807

Ion Ratio Lower Upper

162 100

164 62.6 43.3 83.3

98 37.7 16.1 56.1



#30

1,2,4-Trichlorobenzene

Concen: 47.784 ng

RT: 8.110 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF143598.D

Acq: 27 Aug 2025 10:15

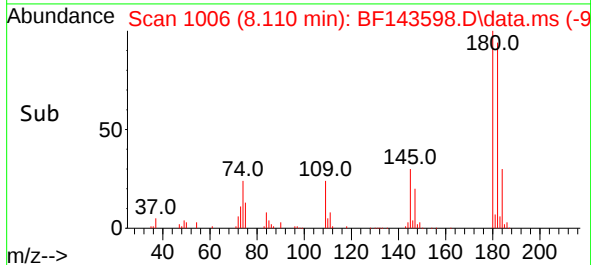
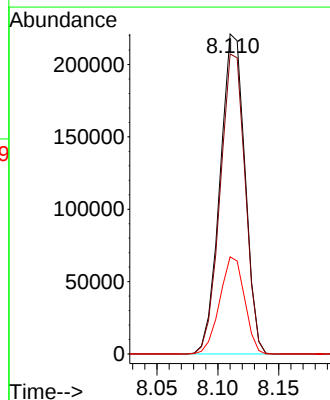
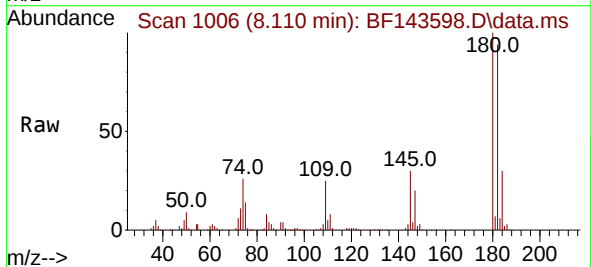
Tgt Ion:180 Resp: 314947

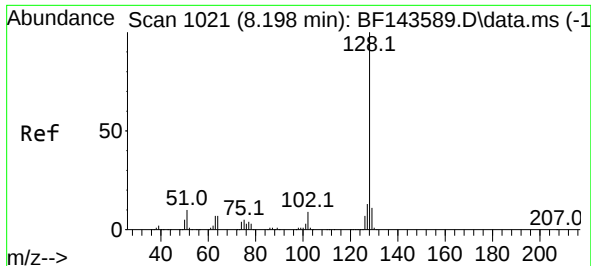
Ion Ratio Lower Upper

180 100

182 93.7 75.8 113.6

145 30.4 24.5 36.7

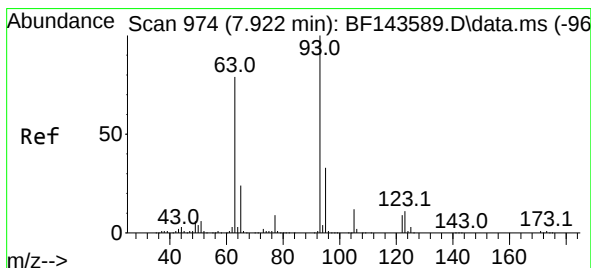
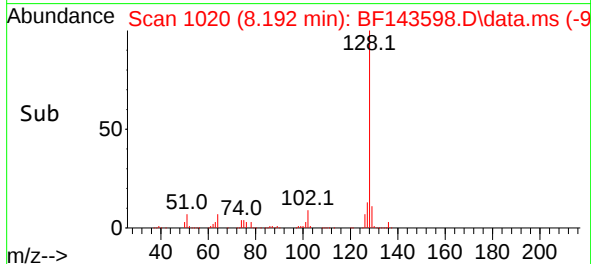
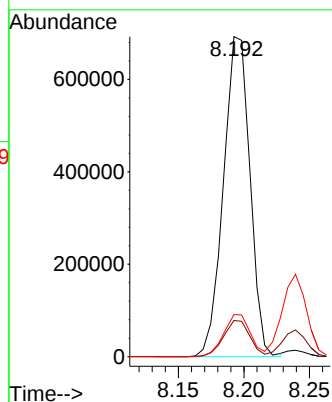
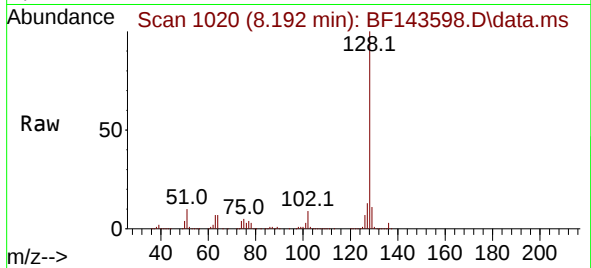




#31
Naphthalene
Concen: 43.864 ng
RT: 8.192 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

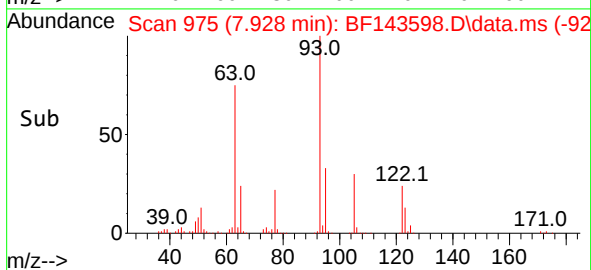
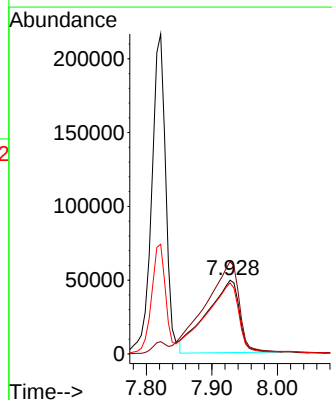
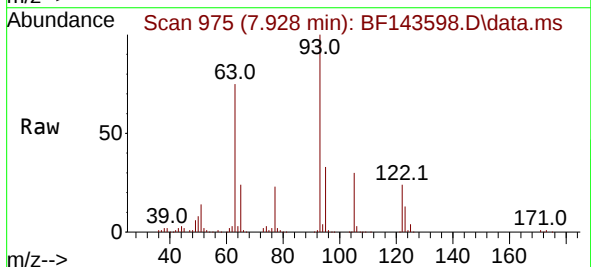
Instrument :
BNA_F
ClientSampleId :
PB169400BS

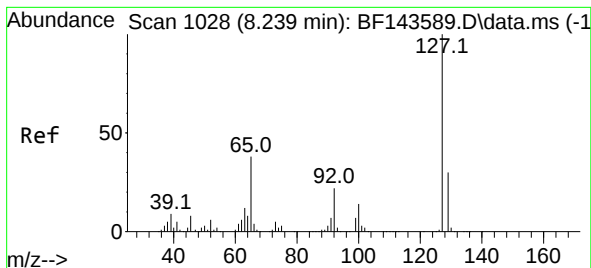
Tgt Ion:128 Resp: 973698
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 50.191 ng
RT: 7.928 min Scan# 975
Delta R.T. 0.006 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

Tgt Ion:122 Resp: 170740
Ion Ratio Lower Upper
122 100
105 124.9 106.4 146.4
77 96.2 79.3 119.3





#33

4-Chloroaniline

Concen: 29.489 ng

RT: 8.239 min Scan# 1028

Delta R.T. 0.000 min

Lab File: BF143598.D

Acq: 27 Aug 2025 10:15

Instrument :

BNA_F

ClientSampleId :

PB169400BS

Tgt Ion:127 Resp: 231262

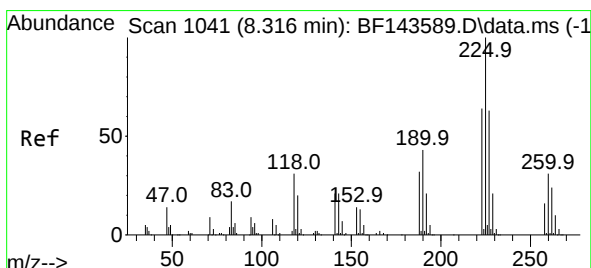
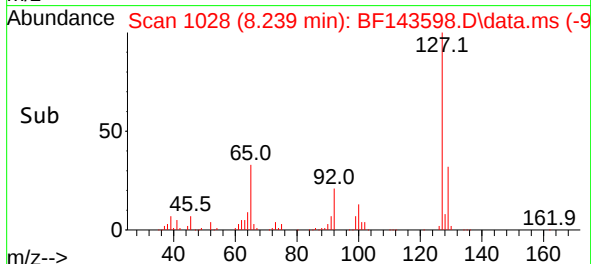
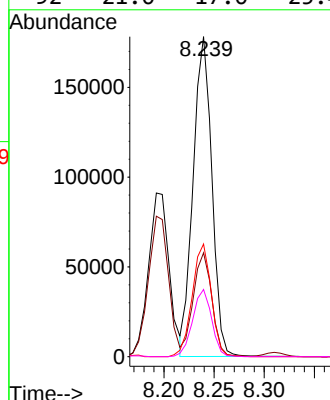
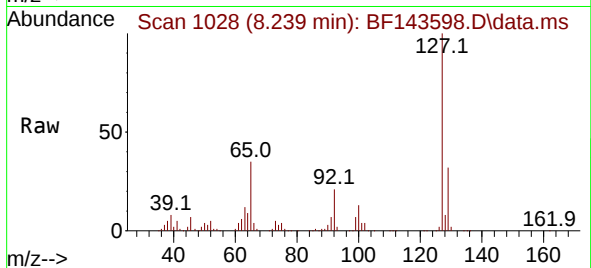
Ion Ratio Lower Upper

127 100

129 32.5 25.8 38.6

65 35.2 29.7 44.5

92 21.0 17.0 25.4



#34

Hexachlorobutadiene

Concen: 45.240 ng

RT: 8.310 min Scan# 1040

Delta R.T. -0.006 min

Lab File: BF143598.D

Acq: 27 Aug 2025 10:15

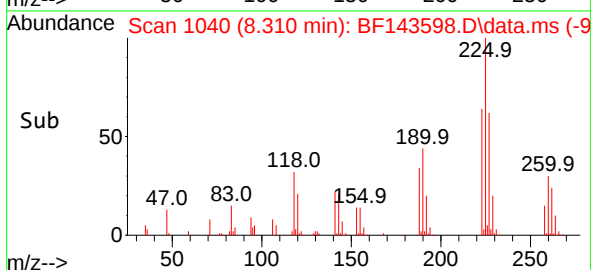
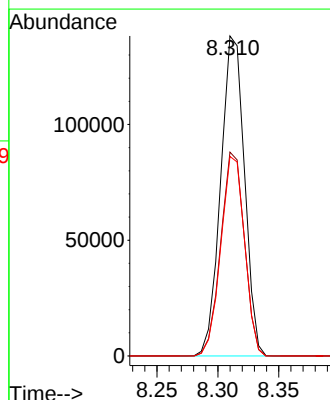
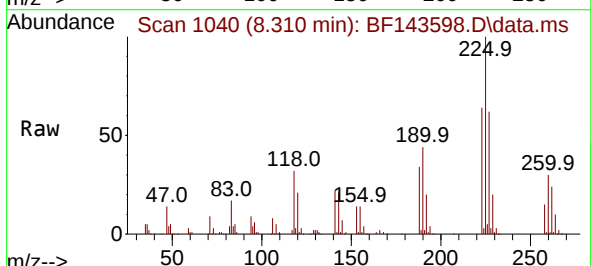
Tgt Ion:225 Resp: 187894

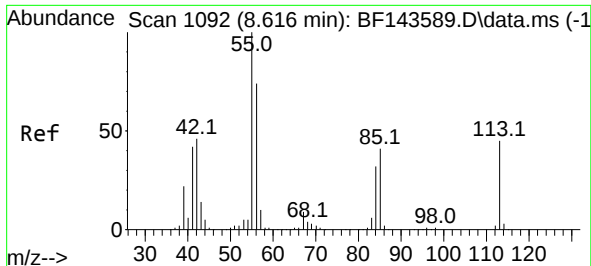
Ion Ratio Lower Upper

225 100

223 63.7 50.8 76.2

227 62.3 50.6 76.0

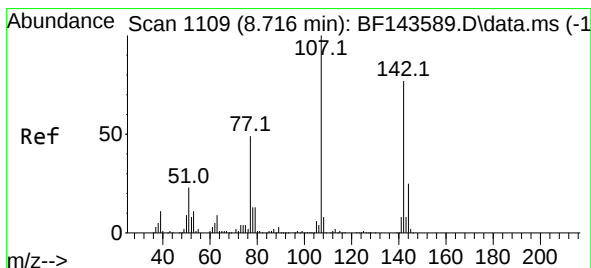
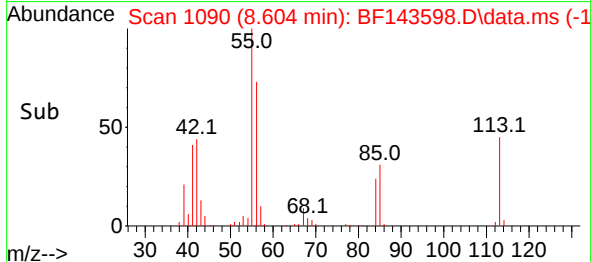
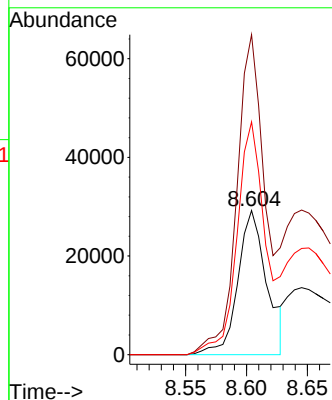
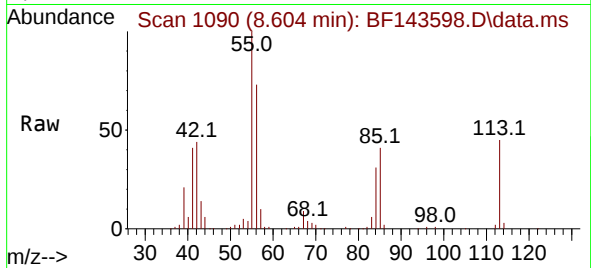




#35
 Caprolactam
 Concen: 27.015 ng
 RT: 8.604 min Scan# 1109
 Delta R.T. -0.012 min
 Lab File: BF143598.D
 Acq: 27 Aug 2025 10:15

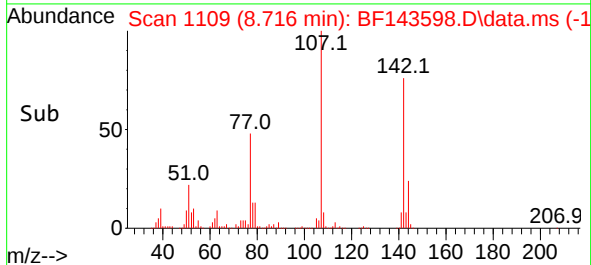
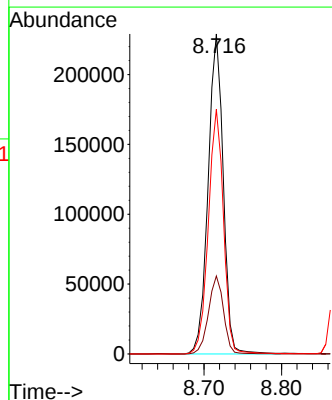
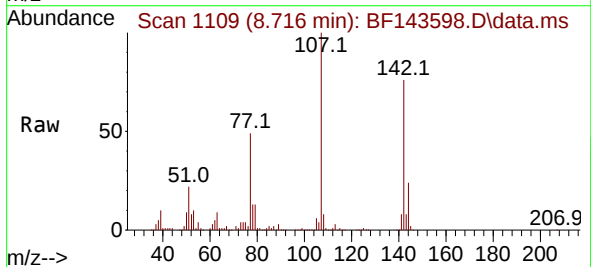
Instrument :
 BNA_F
 ClientSampleId :
 PB169400BS

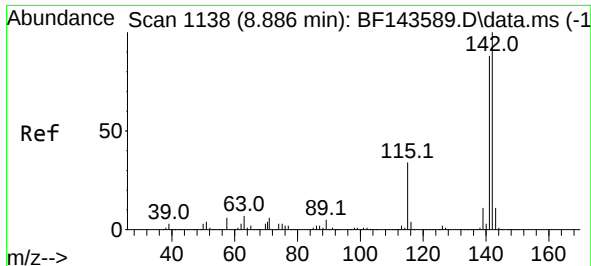
Tgt Ion:113 Resp: 48449
 Ion Ratio Lower Upper
 113 100
 55 221.9 202.1 242.1
 56 161.4 145.4 185.4



#36
 4-Chloro-3-methylphenol
 Concen: 47.110 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF143598.D
 Acq: 27 Aug 2025 10:15

Tgt Ion:107 Resp: 310917
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.8 29.6
 142 76.4 61.7 92.5

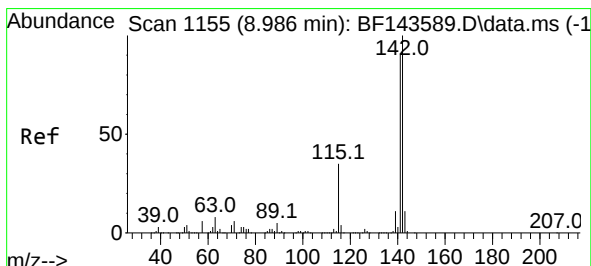
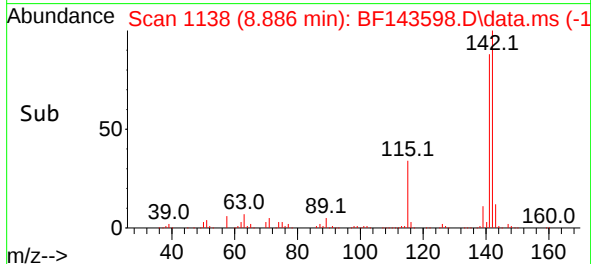
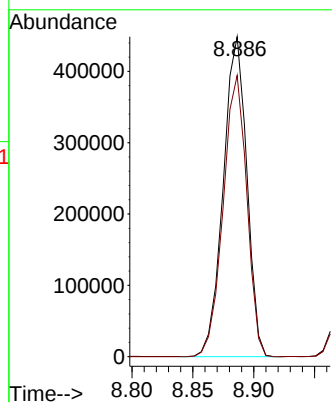
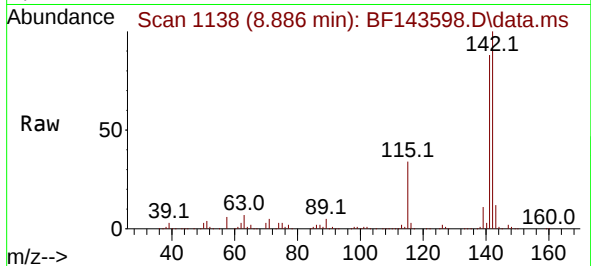




#37
2-Methylnaphthalene
Concen: 41.222 ng
RT: 8.886 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

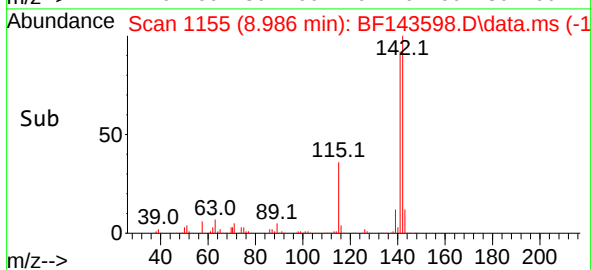
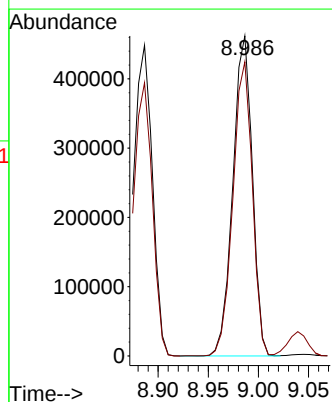
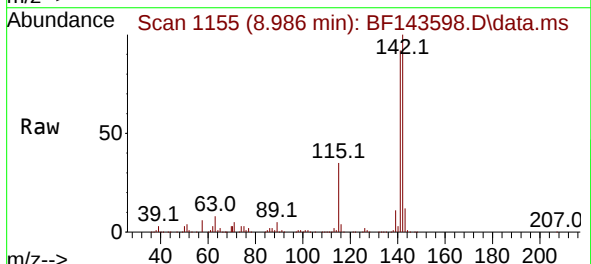
Instrument :
BNA_F
ClientSampleId :
PB169400BS

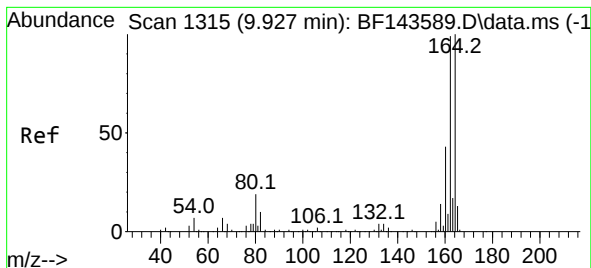
Tgt Ion:142 Resp: 604301
Ion Ratio Lower Upper
142 100
141 87.9 70.2 105.4



#38
1-Methylnaphthalene
Concen: 44.145 ng
RT: 8.986 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

Tgt Ion:142 Resp: 624575
Ion Ratio Lower Upper
142 100
141 91.9 72.6 109.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1165

Delta R.T. 0.001 min

Lab File: BF143598.D

Acq: 27 Aug 2025 10:15

Instrument :

BNA_F

ClientSampleId :

PB169400BS

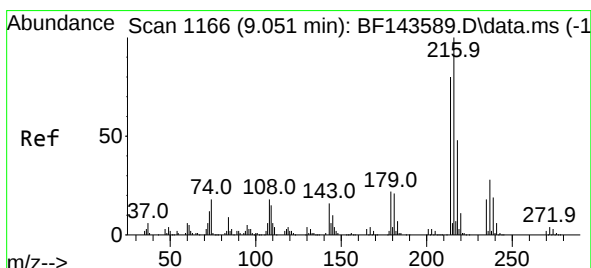
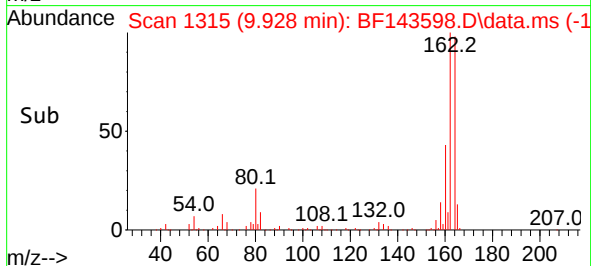
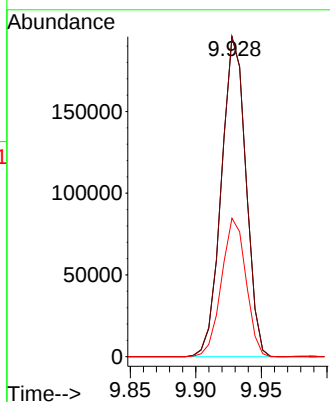
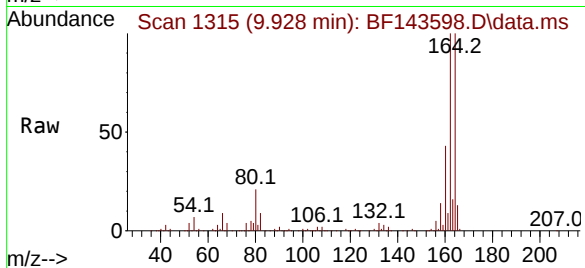
Tgt Ion:164 Resp: 253915

Ion Ratio Lower Upper

164 100

162 100.0 79.5 119.3

160 43.3 34.2 51.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.879 ng

RT: 9.051 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF143598.D

Acq: 27 Aug 2025 10:15

Tgt Ion:216 Resp: 296402

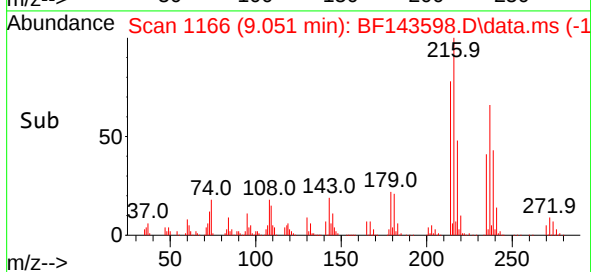
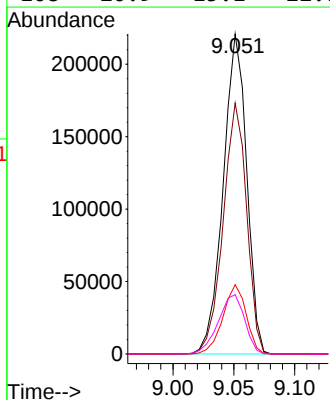
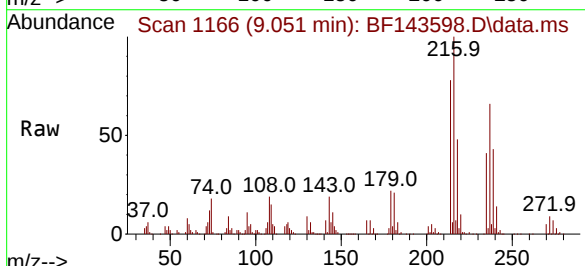
Ion Ratio Lower Upper

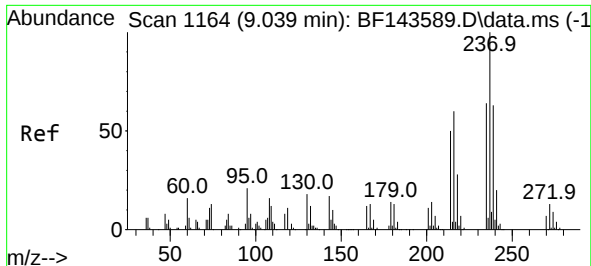
216 100

214 78.3 64.1 96.1

179 21.4 17.4 26.0

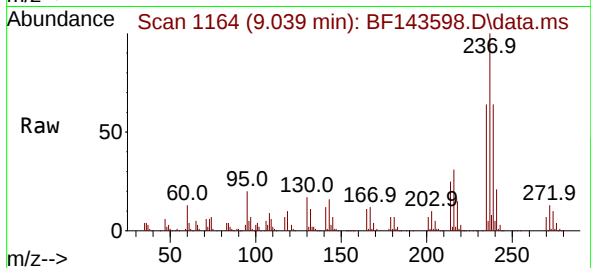
108 20.9 15.1 22.7



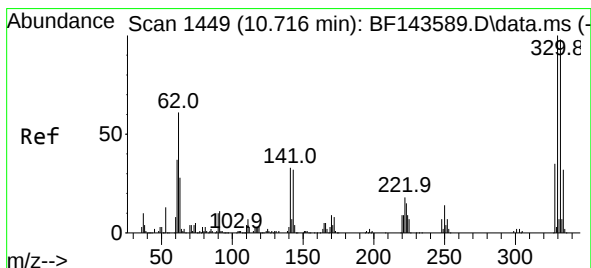
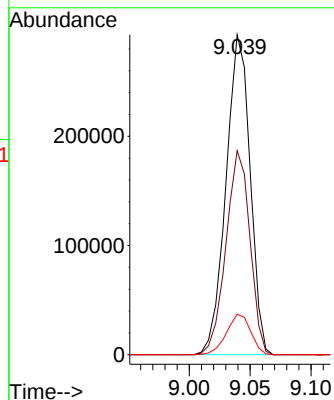
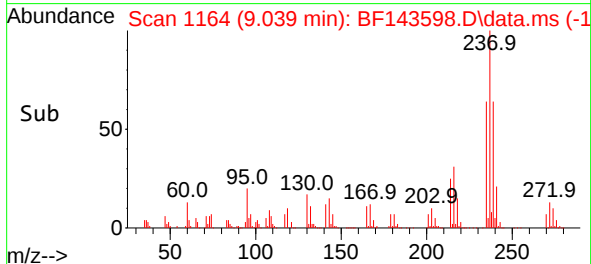


#41
Hexachlorocyclopentadiene
Concen: 124.289 ng
RT: 9.039 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

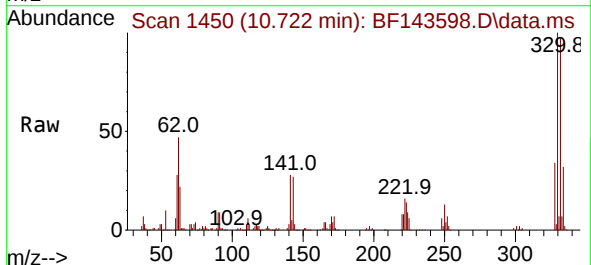
Instrument :
BNA_F
ClientSampleId :
PB169400BS



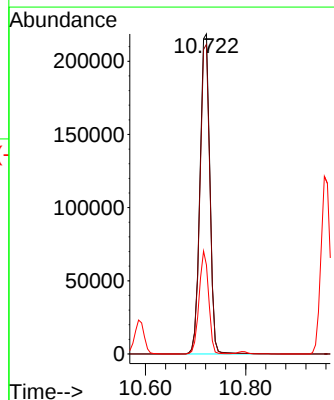
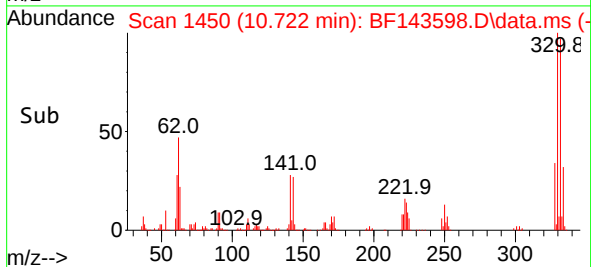
Tgt Ion: 237 Resp: 403823
Ion Ratio Lower Upper
237 100
235 63.7 43.8 83.8
272 12.7 0.0 32.8

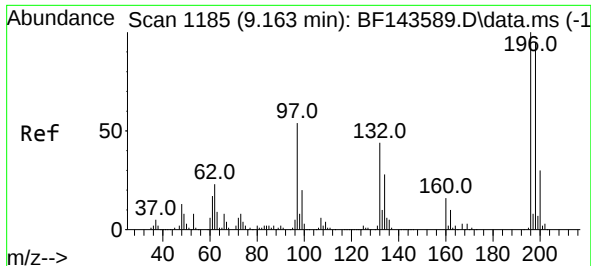


#42
2,4,6-Tribromophenol
Concen: 149.894 ng
RT: 10.722 min Scan# 1450
Delta R.T. 0.006 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15



Tgt Ion: 330 Resp: 297639
Ion Ratio Lower Upper
330 100
332 96.5 78.2 117.4
141 31.0 25.4 38.0





#43

2,4,6-Trichlorophenol

Concen: 47.404 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF143598.D

Acq: 27 Aug 2025 10:15

Instrument :

BNA_F

ClientSampleId :

PB169400BS

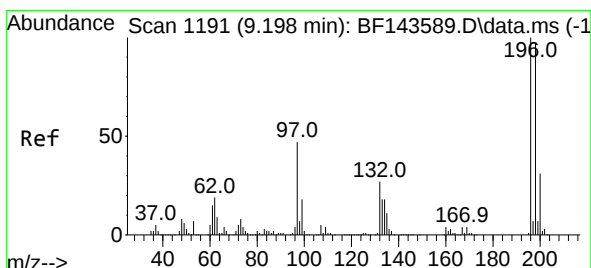
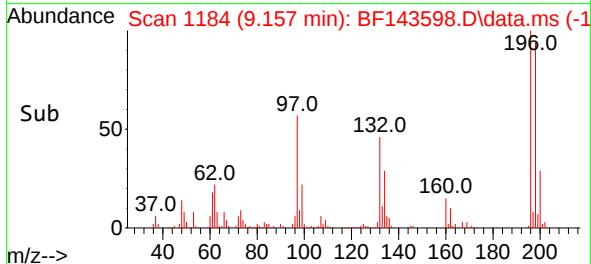
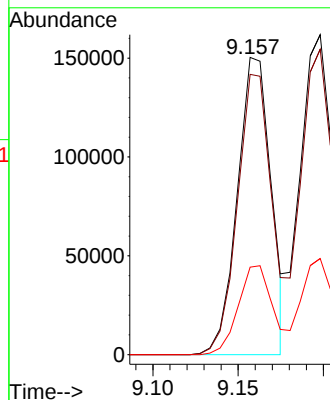
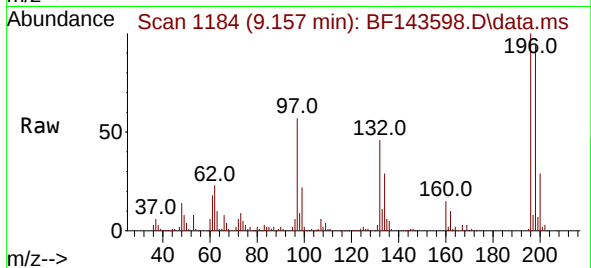
Tgt Ion:196 Resp: 206882

Ion Ratio Lower Upper

196 100

198 94.3 75.8 113.6

200 29.4 24.2 36.4



#44

2,4,5-Trichlorophenol

Concen: 50.585 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF143598.D

Acq: 27 Aug 2025 10:15

Tgt Ion:196 Resp: 223076

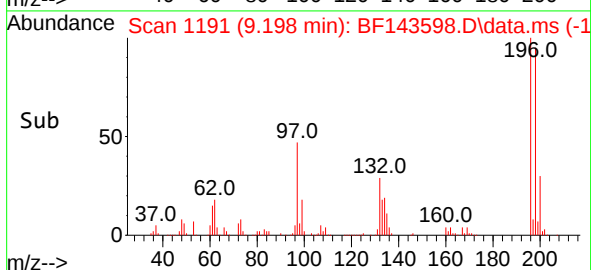
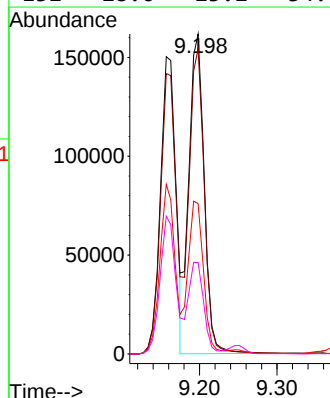
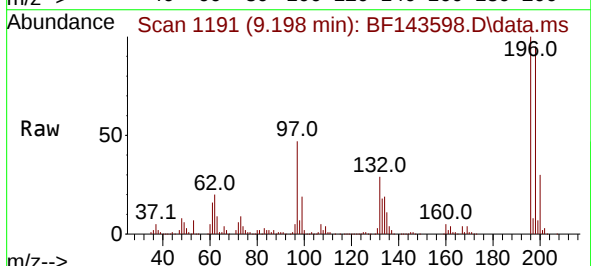
Ion Ratio Lower Upper

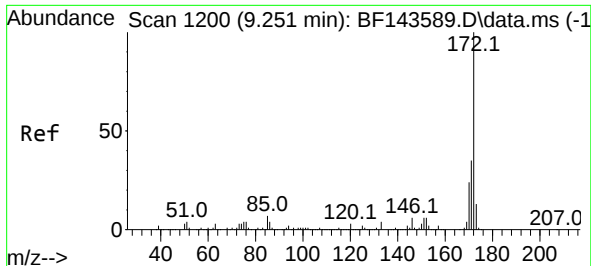
196 100

198 95.5 77.0 115.6

97 46.9 39.3 58.9

132 28.6 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 88.341 ng

RT: 9.251 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143598.D

Acq: 27 Aug 2025 10:15

Instrument :

BNA_F

ClientSampleId :

PB169400BS

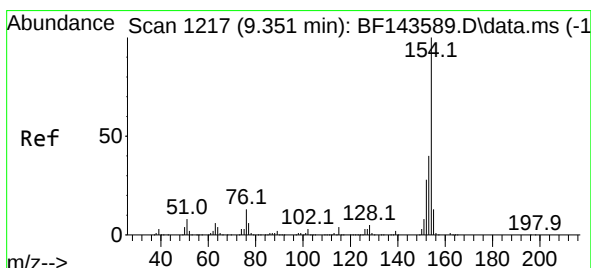
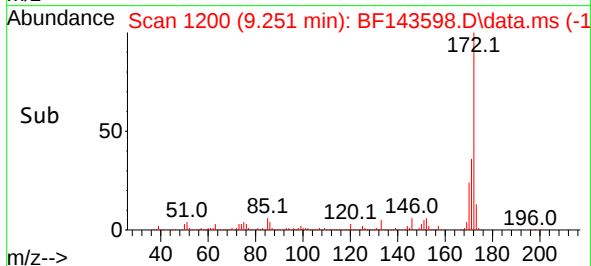
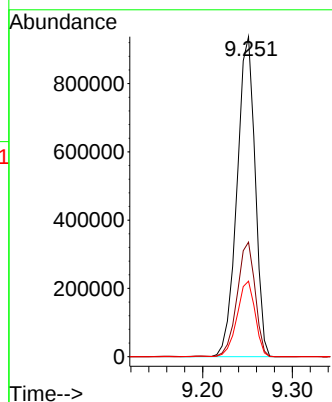
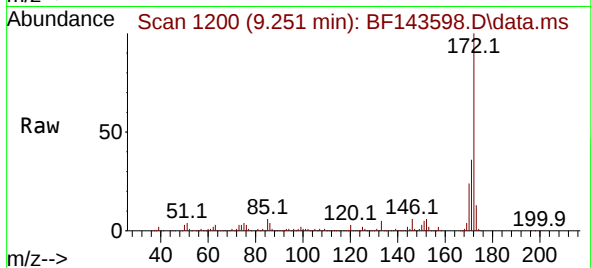
Tgt Ion:172 Resp: 1311942

Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.6 19.0 28.4



#46

1,1'-Biphenyl

Concen: 46.040 ng

RT: 9.351 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF143598.D

Acq: 27 Aug 2025 10:15

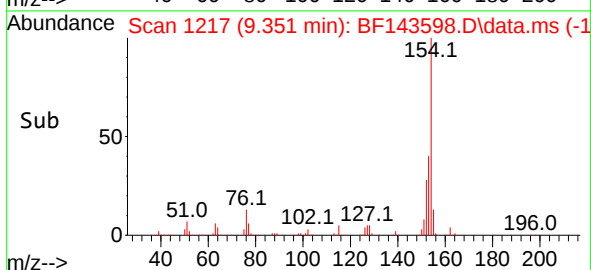
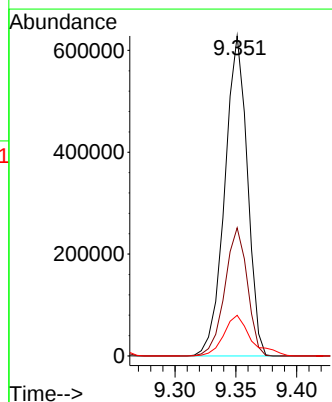
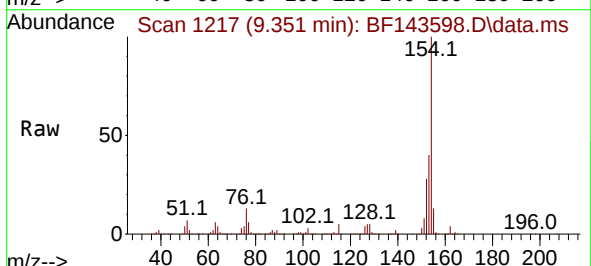
Tgt Ion:154 Resp: 811160

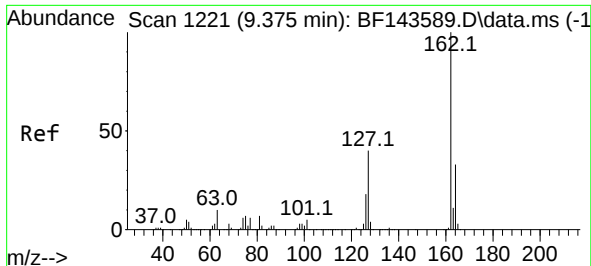
Ion Ratio Lower Upper

154 100

153 40.0 20.1 60.1

76 12.7 0.0 33.0

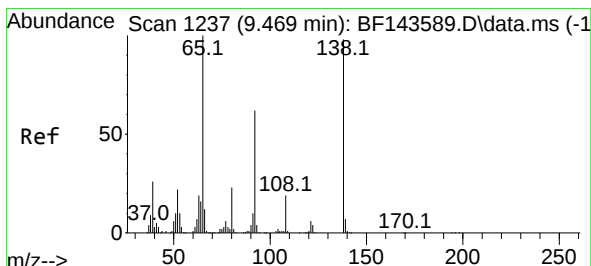
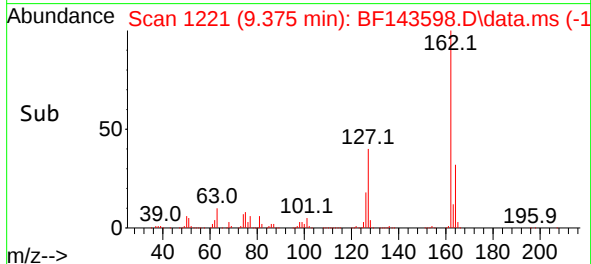
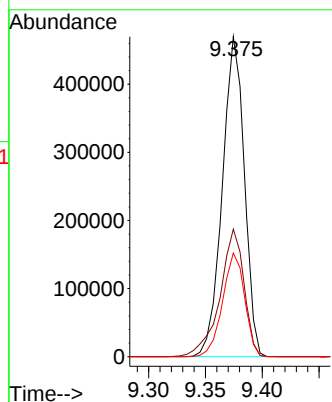
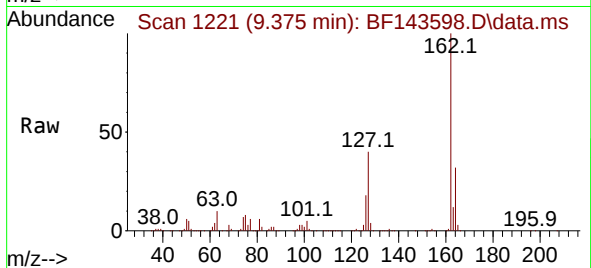




#47
2-Chloronaphthalene
Concen: 45.536 ng
RT: 9.375 min Scan# 1221
Delta R.T. 0.000 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

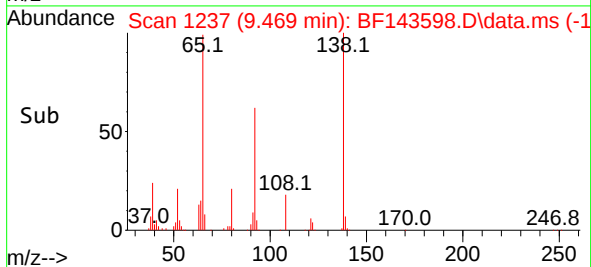
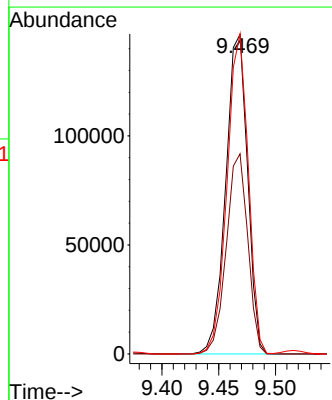
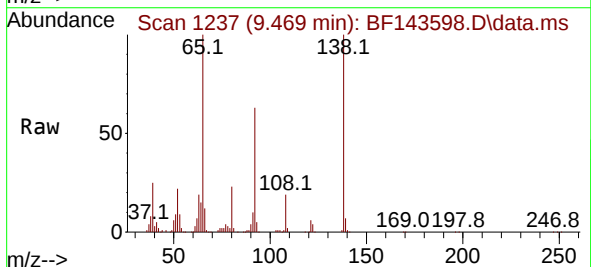
Instrument :
BNA_F
ClientSampleId :
PB169400BS

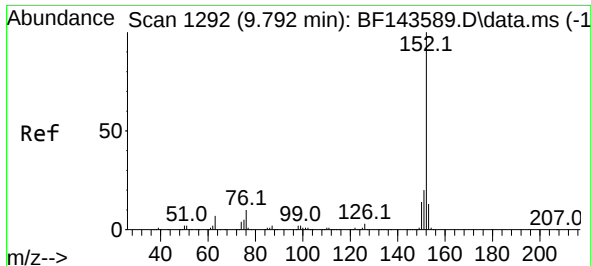
Tgt Ion:162 Resp: 633757
Ion Ratio Lower Upper
162 100
127 39.8 32.6 48.8
164 32.4 26.1 39.1



#48
2-Nitroaniline
Concen: 50.320 ng
RT: 9.469 min Scan# 1237
Delta R.T. -0.000 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

Tgt Ion: 65 Resp: 195403
Ion Ratio Lower Upper
65 100
92 62.6 49.6 74.4
138 100.1 78.6 118.0





#49

Acenaphthylene

Concen: 50.399 ng

RT: 9.792 min Scan# 1292

Delta R.T. 0.000 min

Lab File: BF143598.D

Acq: 27 Aug 2025 10:15

Instrument :

BNA_F

ClientSampleId :

PB169400BS

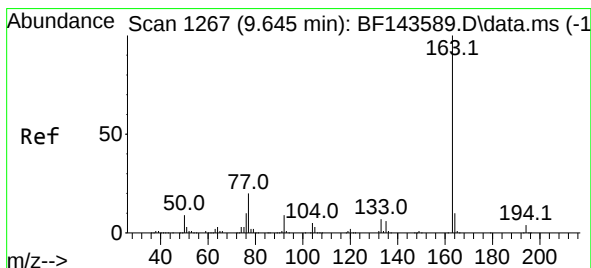
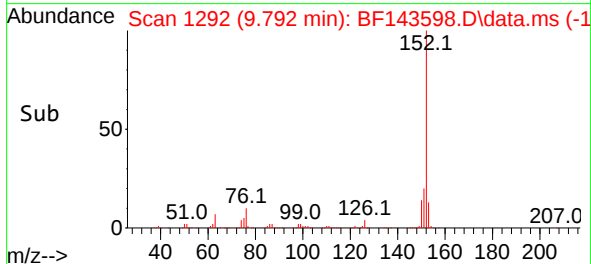
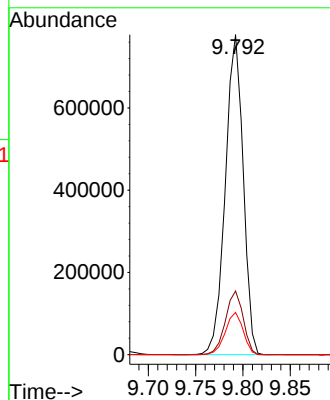
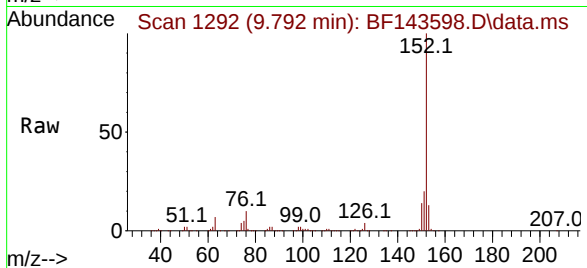
Tgt Ion:152 Resp: 1020566

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.2

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 47.193 ng

RT: 9.651 min Scan# 1268

Delta R.T. 0.006 min

Lab File: BF143598.D

Acq: 27 Aug 2025 10:15

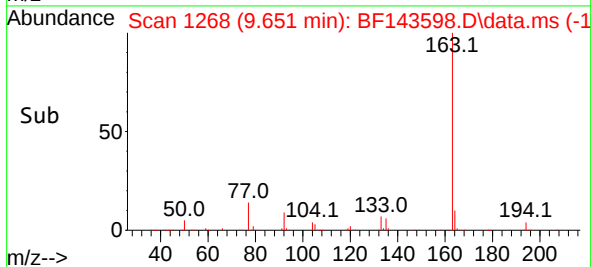
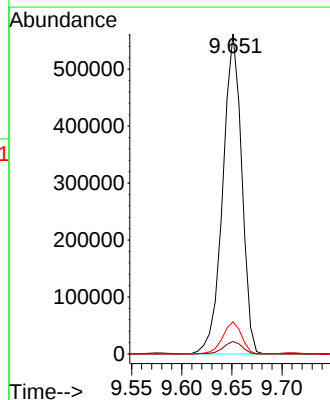
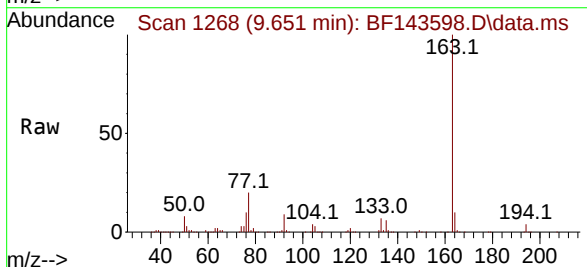
Tgt Ion:163 Resp: 737063

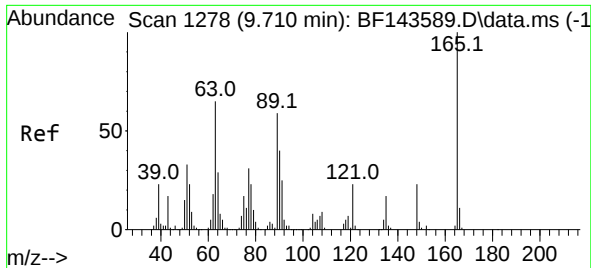
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.0 8.4 12.6

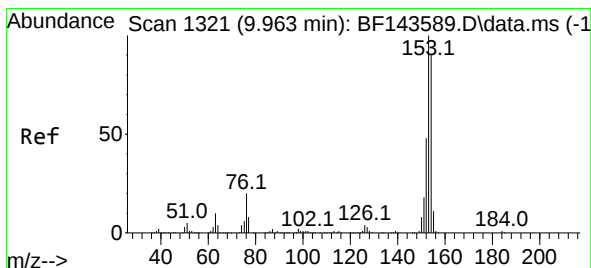
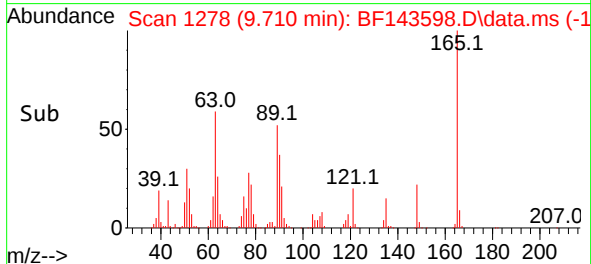
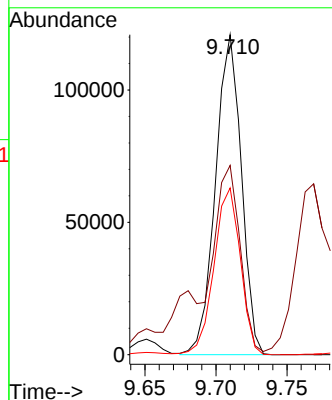
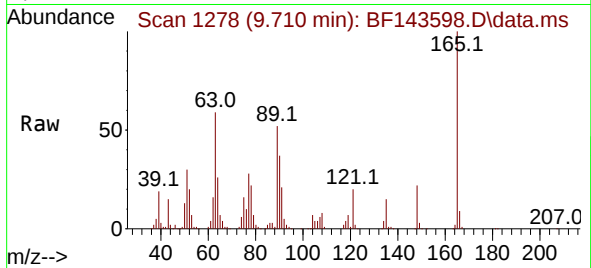




#51
2,6-Dinitrotoluene
Concen: 57.290 ng
RT: 9.710 min Scan# 1278
Delta R.T. -0.000 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

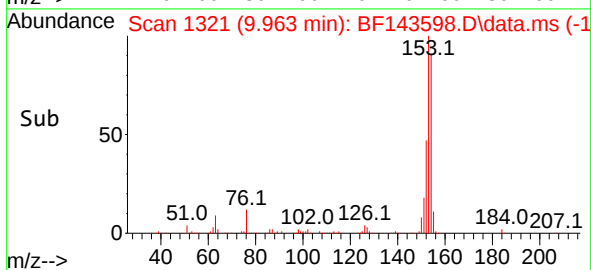
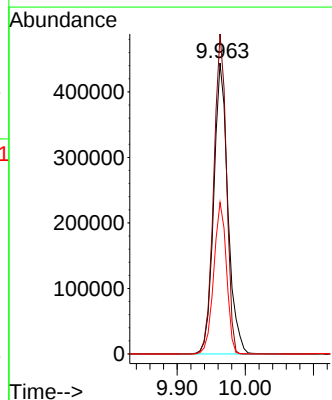
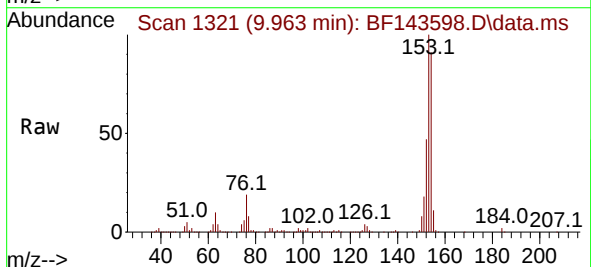
Instrument :
BNA_F
ClientSampleId :
PB169400BS

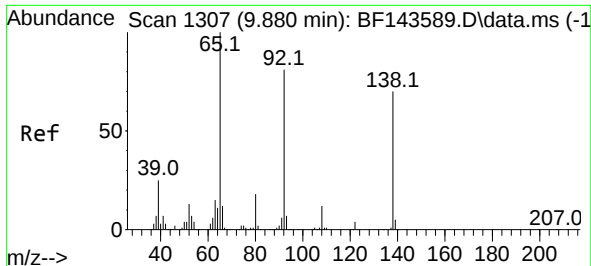
Tgt Ion:165 Resp: 152983
Ion Ratio Lower Upper
165 100
63 59.2 51.8 77.6
89 52.1 47.4 71.2



#52
Acenaphthene
Concen: 48.472 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

Tgt Ion:154 Resp: 642943
Ion Ratio Lower Upper
154 100
153 110.0 89.0 133.4
152 52.1 42.9 64.3

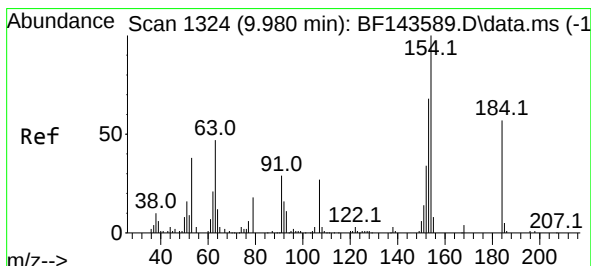
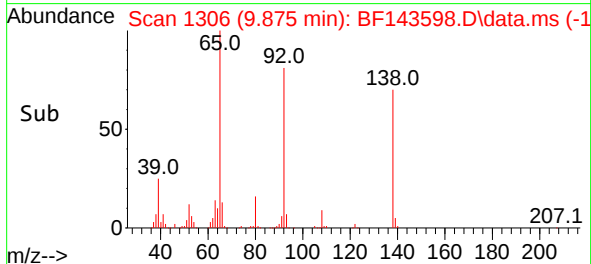
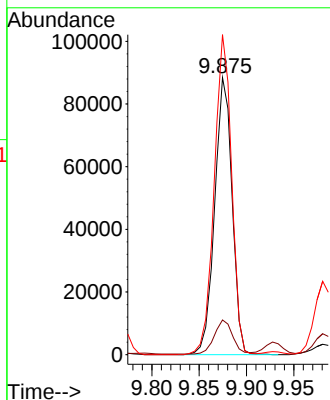
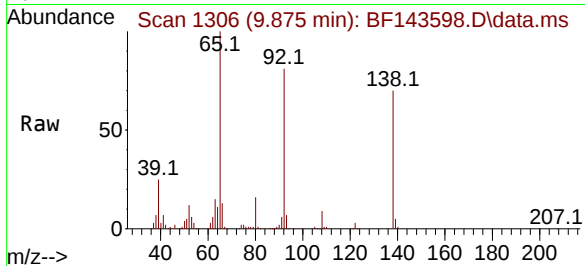




#53
3-Nitroaniline
Concen: 37.670 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

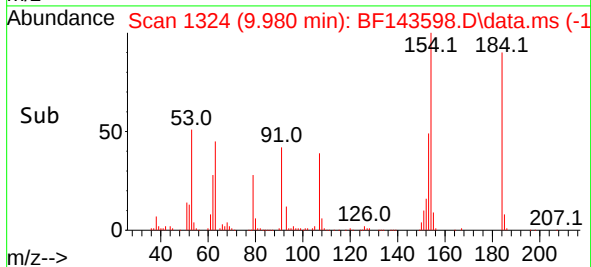
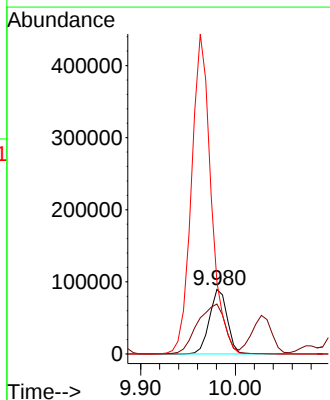
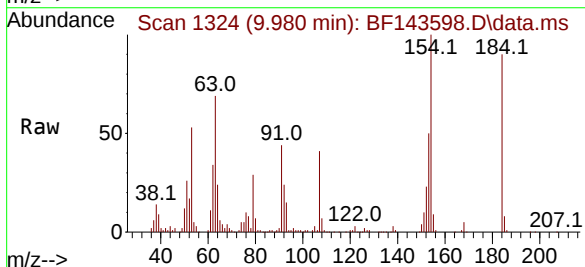
Instrument :
BNA_F
ClientSampleId :
PB169400BS

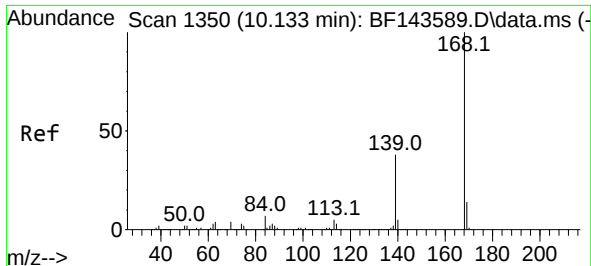
Tgt Ion:138 Resp: 113704
Ion Ratio Lower Upper
138 100
108 12.5 13.8 20.8#
92 115.5 92.6 139.0



#54
2,4-Dinitrophenol
Concen: 96.781 ng
RT: 9.980 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

Tgt Ion:184 Resp: 116602
Ion Ratio Lower Upper
184 100
63 77.2 80.9 121.3#
154 111.5 262.0 393.0#

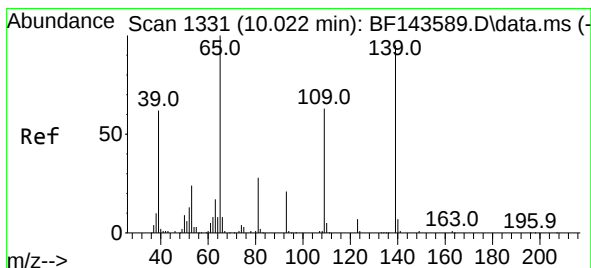
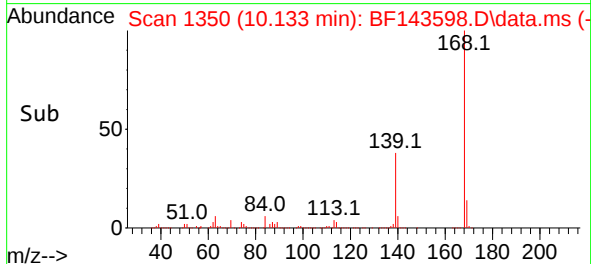
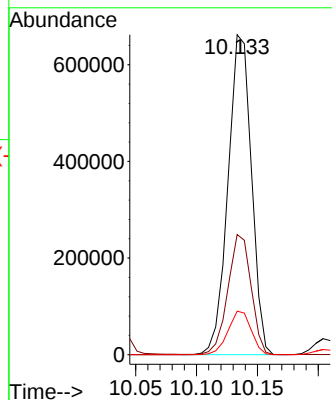
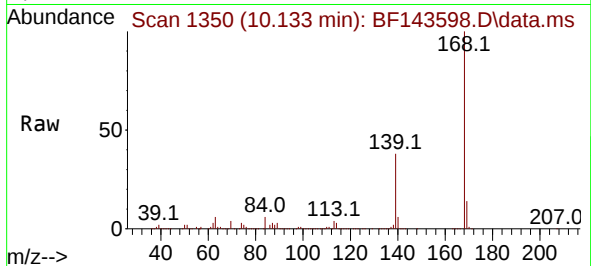




#55
Dibenzenofuran
Concen: 45.650 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

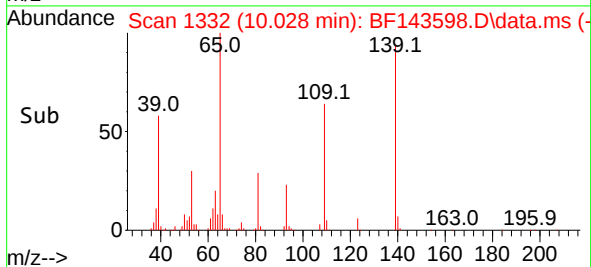
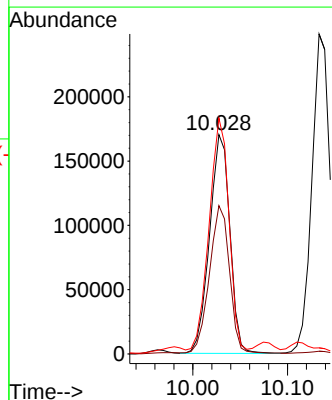
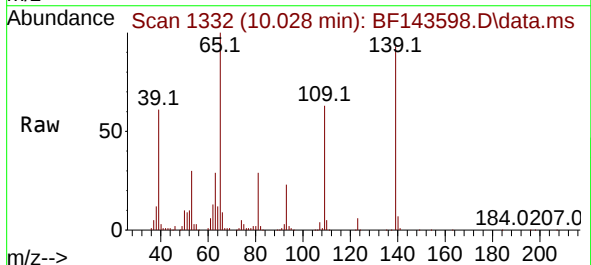
Instrument :
BNA_F
ClientSampleId :
PB169400BS

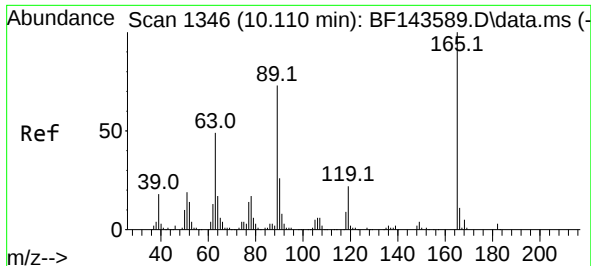
Tgt Ion:168 Resp: 887774
Ion Ratio Lower Upper
168 100
139 37.6 30.6 46.0
169 13.6 10.9 16.3



#56
4-Nitrophenol
Concen: 93.392 ng
RT: 10.028 min Scan# 1332
Delta R.T. 0.005 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

Tgt Ion:139 Resp: 253582
Ion Ratio Lower Upper
139 100
109 67.6 47.3 87.3
65 107.5 86.8 126.8

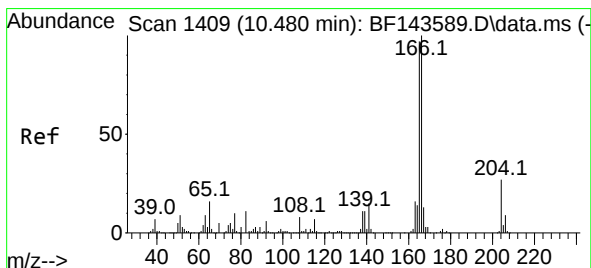
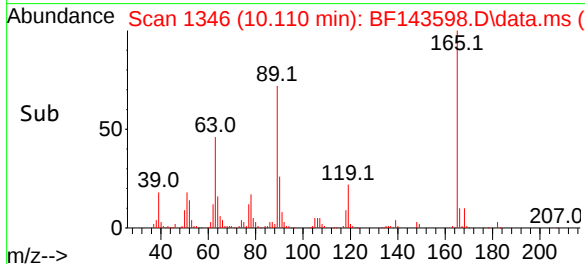
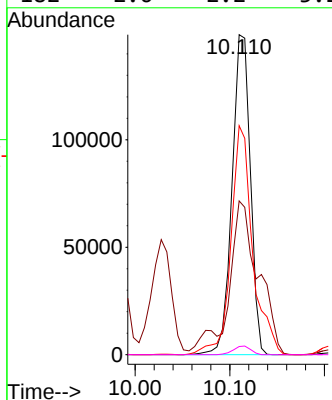
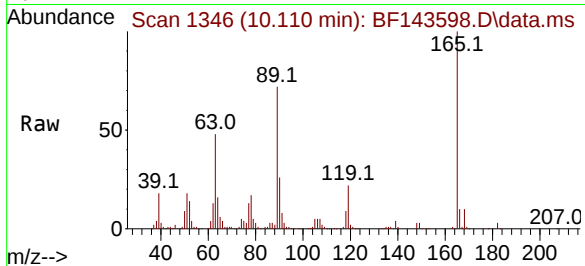




#57
2,4-Dinitrotoluene
Concen: 56.910 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

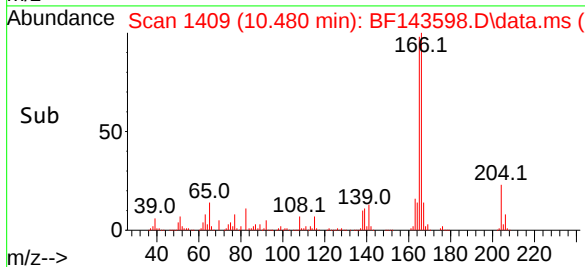
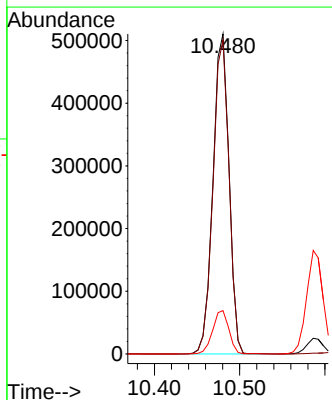
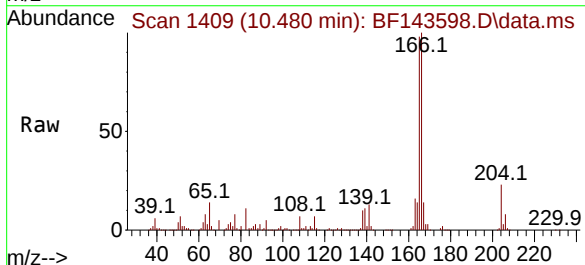
Instrument :
BNA_F
ClientSampleId :
PB169400BS

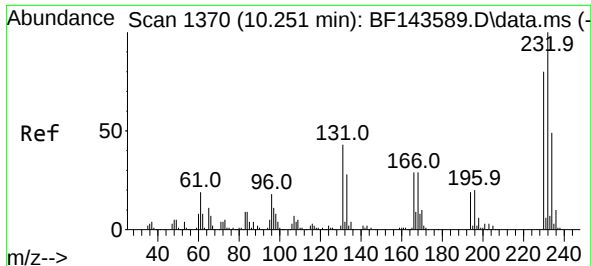
Tgt Ion:165 Resp: 199491
Ion Ratio Lower Upper
165 100
63 48.1 39.5 59.3
89 71.6 58.1 87.1
182 2.6 2.2 3.2



#58
Fluorene
Concen: 45.730 ng
RT: 10.480 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

Tgt Ion:166 Resp: 667712
Ion Ratio Lower Upper
166 100
165 98.1 77.7 116.5
167 13.5 10.6 15.8

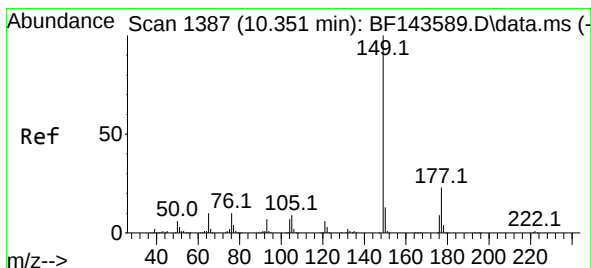
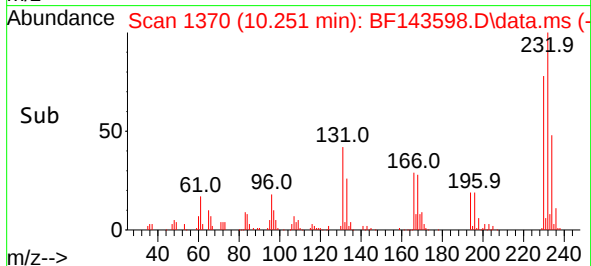
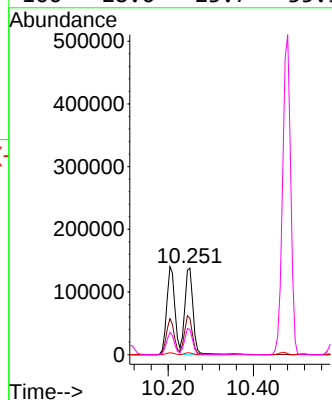
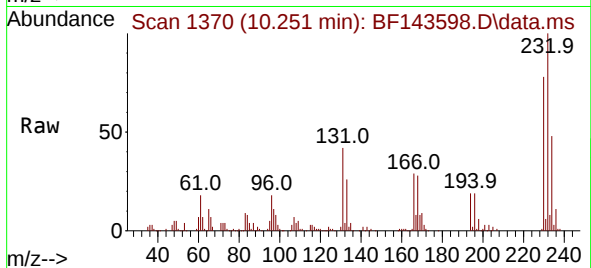




#59
2,3,4,6-Tetrachlorophenol
Concen: 57.278 ng
RT: 10.251 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

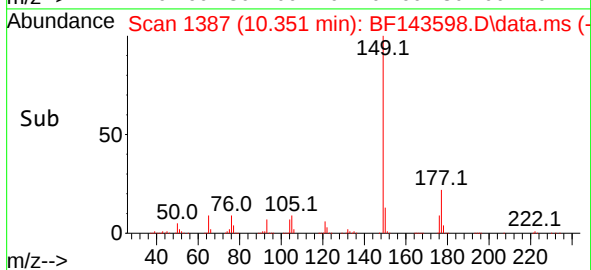
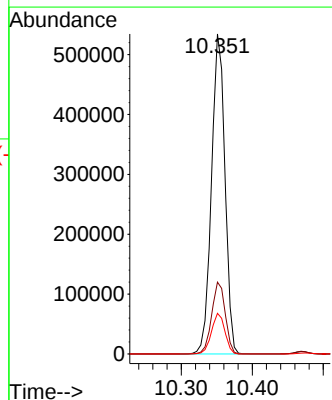
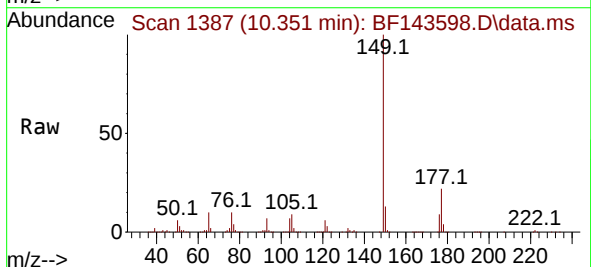
Instrument :
BNA_F
ClientSampleId :
PB169400BS

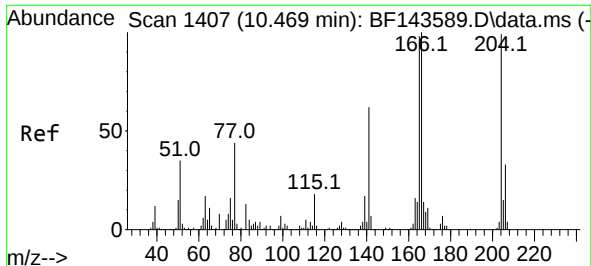
Tgt Ion:232 Resp: 186747
Ion Ratio Lower Upper
232 100
131 43.1 35.9 53.9
130 2.2 1.8 2.8
166 28.6 23.7 35.5



#60
Diethylphthalate
Concen: 48.174 ng
RT: 10.351 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

Tgt Ion:149 Resp: 705100
Ion Ratio Lower Upper
149 100
177 22.5 18.1 27.1
150 12.7 10.1 15.1

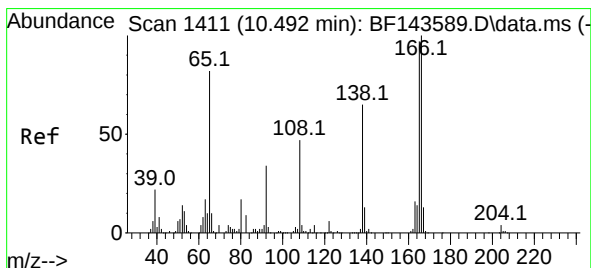
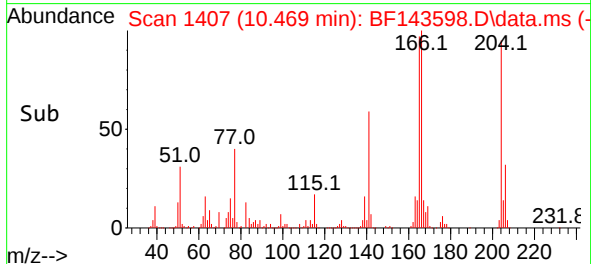
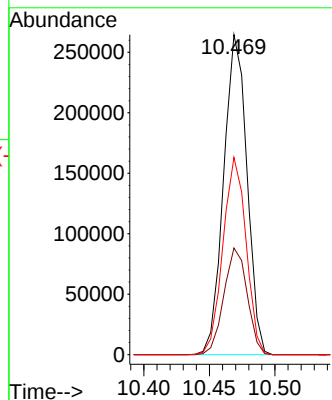
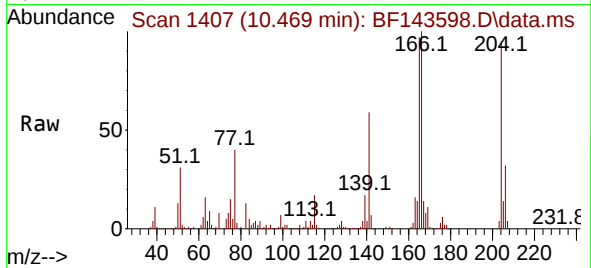




#61
4-Chlorophenyl-phenylether
Concen: 45.836 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

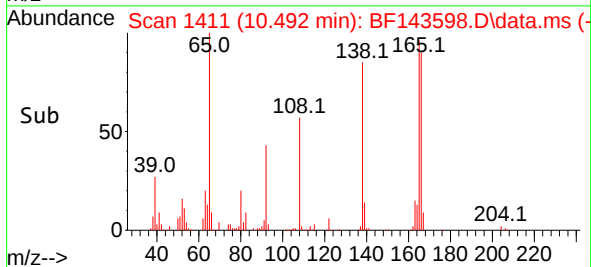
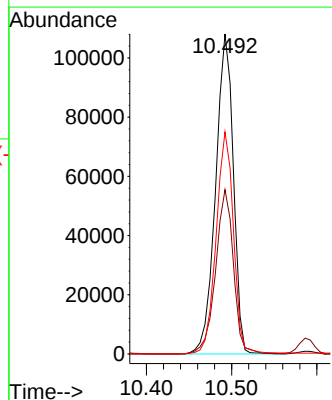
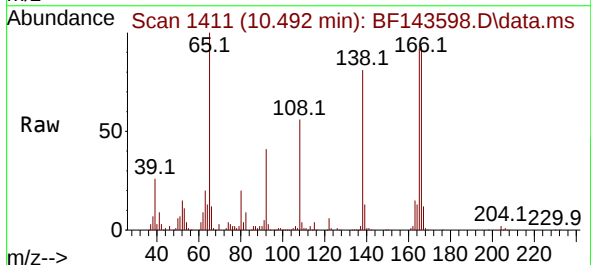
Instrument :
BNA_F
ClientSampleId :
PB169400BS

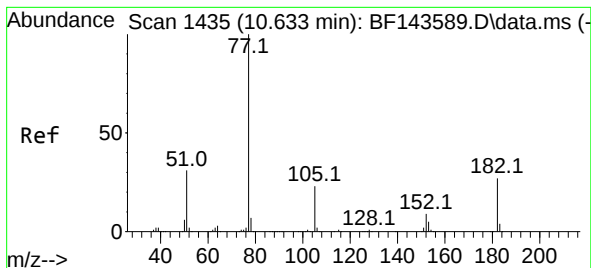
Tgt Ion:204 Resp: 327308
Ion Ratio Lower Upper
204 100
206 33.4 27.0 40.6
141 61.6 50.2 75.2



#62
4-Nitroaniline
Concen: 53.429 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

Tgt Ion:138 Resp: 156327
Ion Ratio Lower Upper
138 100
92 51.4 31.3 71.3
108 69.4 51.6 91.6





#63

Azobenzene

Concen: 46.777 ng

RT: 10.633 min Scan# 1435

Delta R.T. 0.000 min

Lab File: BF143598.D

Acq: 27 Aug 2025 10:15

Instrument :

BNA_F

ClientSampleId :

PB169400BS

Tgt Ion: 77 Resp: 694172

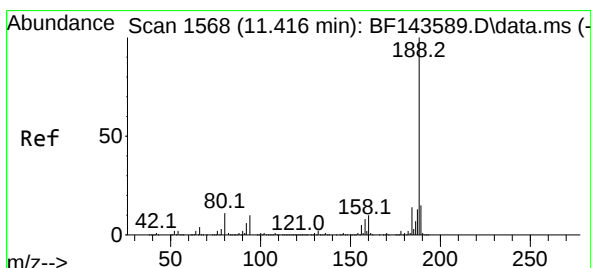
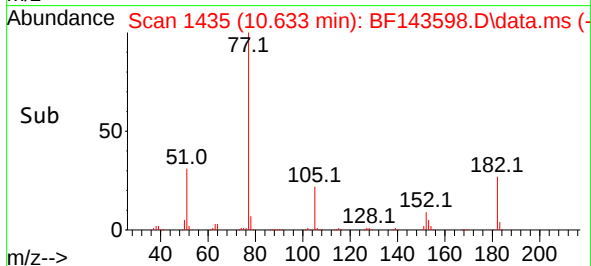
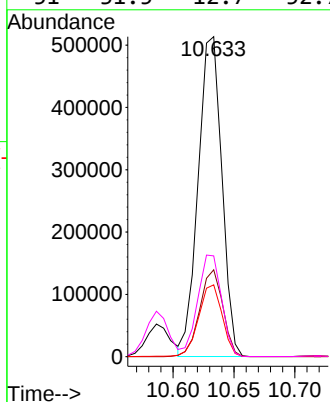
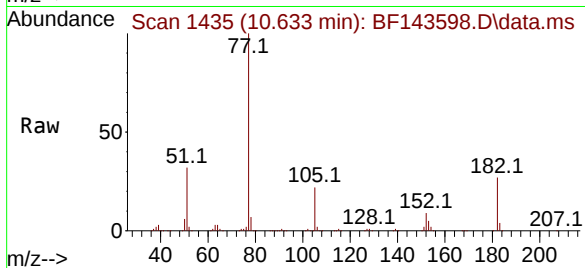
Ion Ratio Lower Upper

77 100

182 27.2 6.3 46.3

105 22.4 2.4 42.4

51 31.5 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: BF143598.D

Acq: 27 Aug 2025 10:15

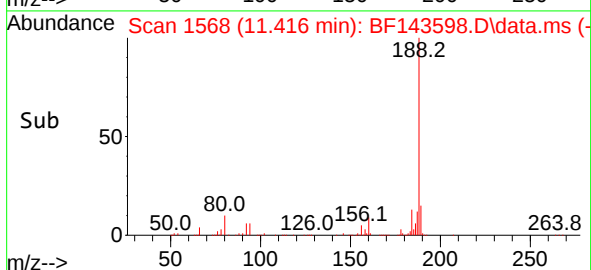
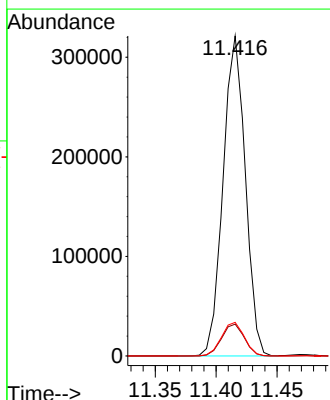
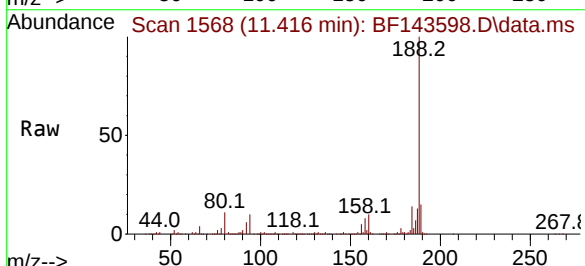
Tgt Ion: 188 Resp: 408187

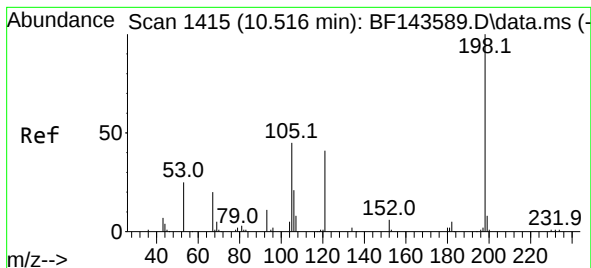
Ion Ratio Lower Upper

188 100

94 10.0 8.2 12.4

80 10.5 8.9 13.3

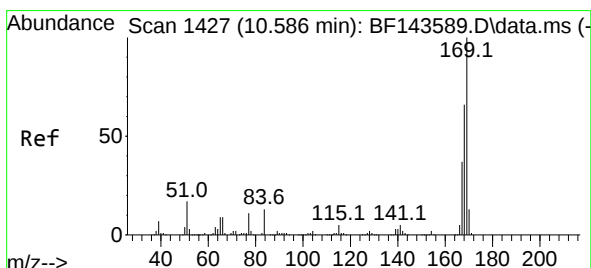
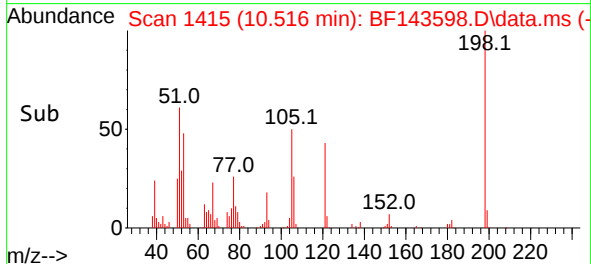
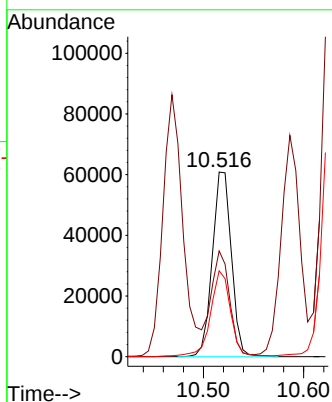
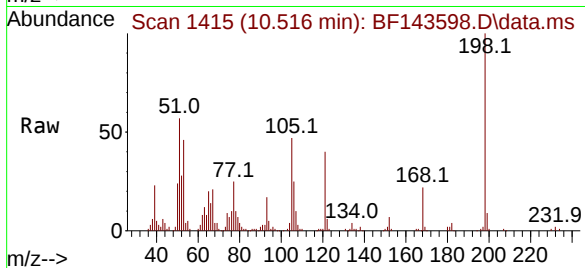




#65
4,6-Dinitro-2-methylphenol
Concen: 55.419 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

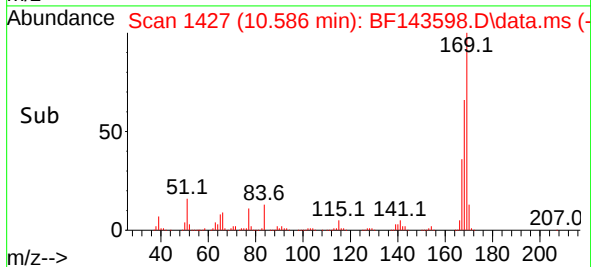
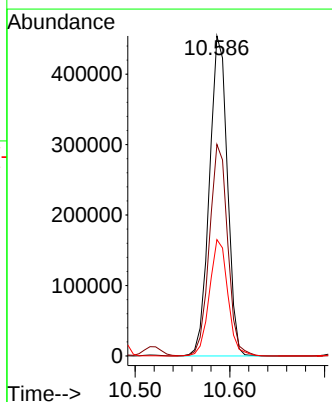
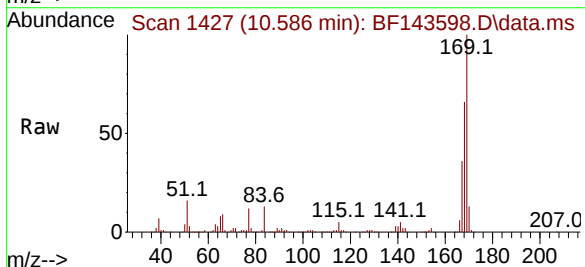
Instrument :
BNA_F
ClientSampleId :
PB169400BS

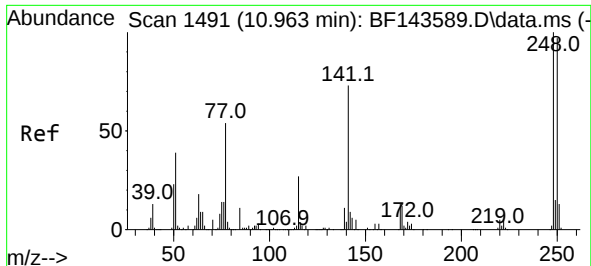
Tgt Ion:198 Resp: 80375
Ion Ratio Lower Upper
198 100
51 57.3 41.5 81.5
105 46.5 28.2 68.2



#66
n-Nitrosodiphenylamine
Concen: 46.026 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

Tgt Ion:169 Resp: 597578
Ion Ratio Lower Upper
169 100
168 66.1 53.1 79.7
167 36.4 29.3 43.9

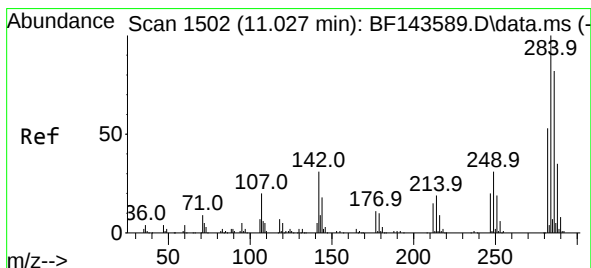
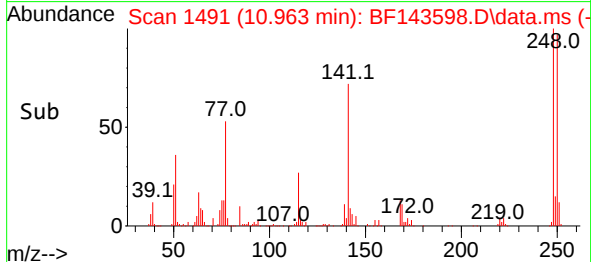
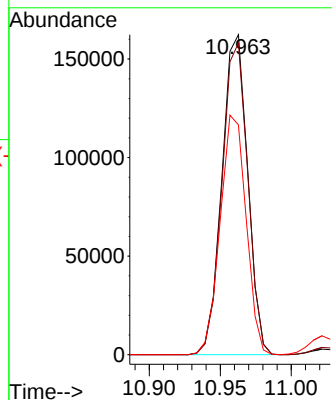
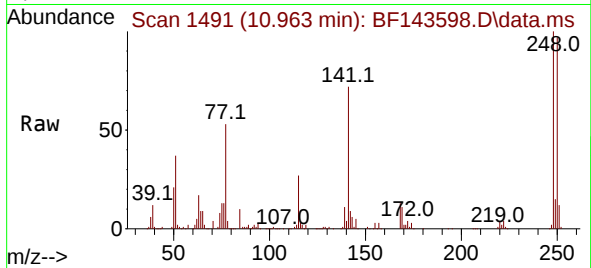




#67
4-Bromophenyl-phenylether
Concen: 46.485 ng
RT: 10.963 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

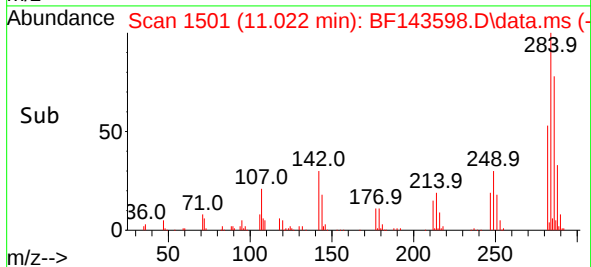
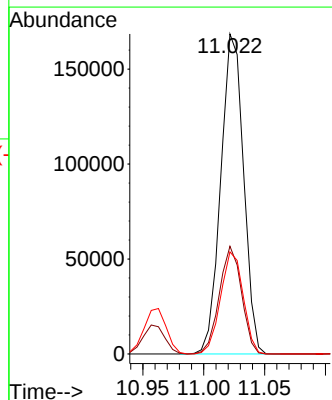
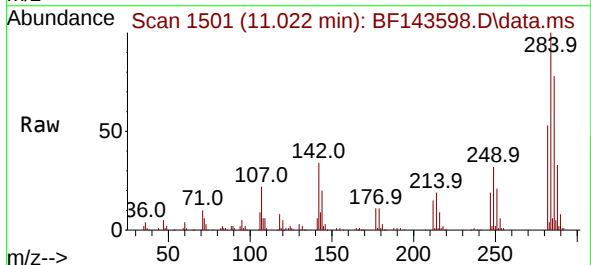
Instrument :
BNA_F
ClientSampleId :
PB169400BS

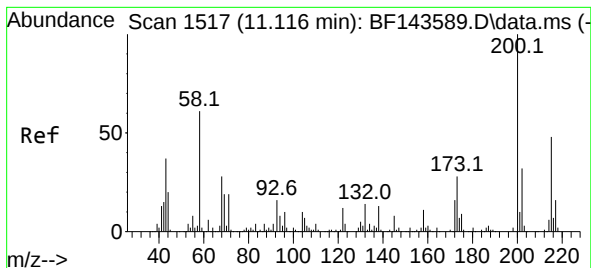
Tgt Ion:248 Resp: 205240
Ion Ratio Lower Upper
248 100
250 97.4 77.8 116.6
141 71.8 58.5 87.7



#68
Hexachlorobenzene
Concen: 46.457 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.005 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

Tgt Ion:284 Resp: 219402
Ion Ratio Lower Upper
284 100
142 33.7 24.7 37.1
249 31.9 25.0 37.6





#69

Atrazine

Concen: 50.011 ng

RT: 11.116 min Scan# 1517

Delta R.T. -0.000 min

Lab File: BF143598.D

Acq: 27 Aug 2025 10:15

Instrument :

BNA_F

ClientSampleId :

PB169400BS

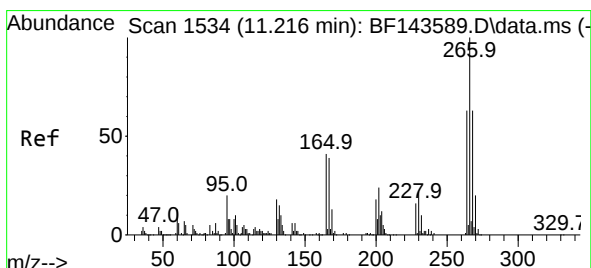
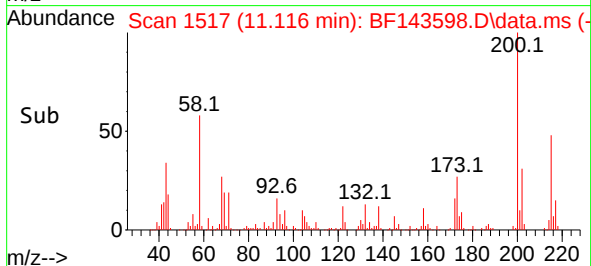
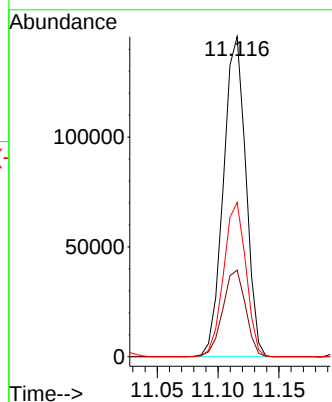
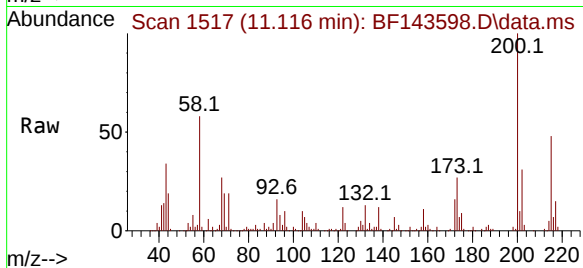
Tgt Ion:200 Resp: 186646

Ion Ratio Lower Upper

200 100

173 27.0 7.6 47.6

215 48.2 28.3 68.3



#70

Pentachlorophenol

Concen: 101.459 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.000 min

Lab File: BF143598.D

Acq: 27 Aug 2025 10:15

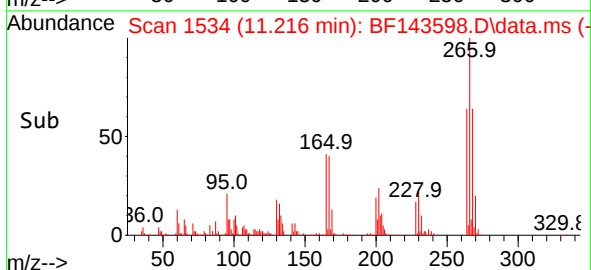
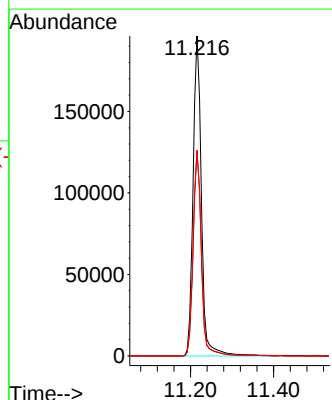
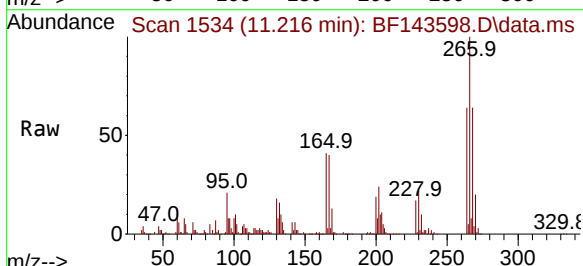
Tgt Ion:266 Resp: 273761

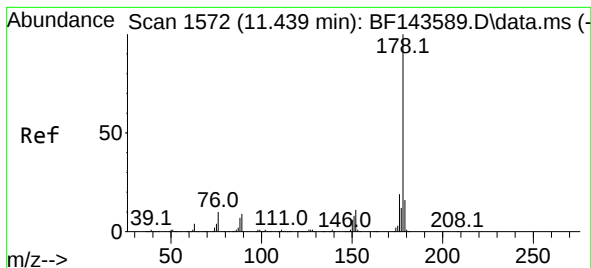
Ion Ratio Lower Upper

266 100

268 64.1 50.4 75.6

264 64.3 50.1 75.1





#71

Phenanthrene

Concen: 45.612 ng

RT: 11.439 min Scan# 1572

Delta R.T. 0.000 min

Lab File: BF143598.D

Acq: 27 Aug 2025 10:15

Instrument :

BNA_F

ClientSampleId :

PB169400BS

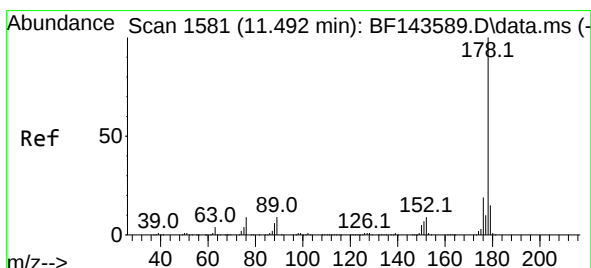
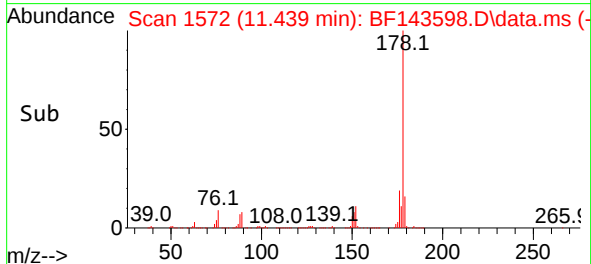
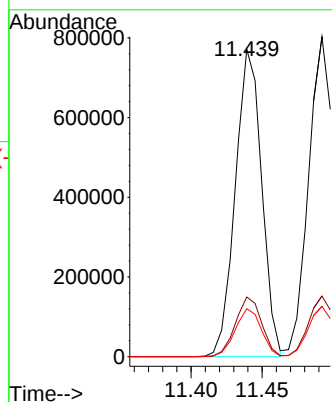
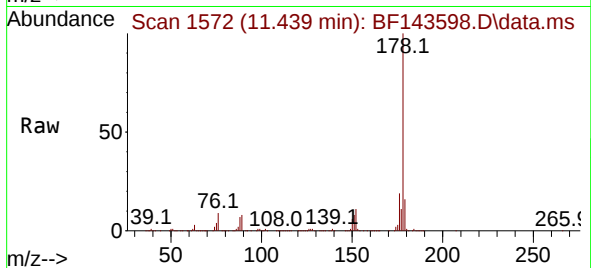
Tgt Ion:178 Resp: 996847

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

179 15.6 12.5 18.7



#72

Anthracene

Concen: 45.771 ng

RT: 11.492 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF143598.D

Acq: 27 Aug 2025 10:15

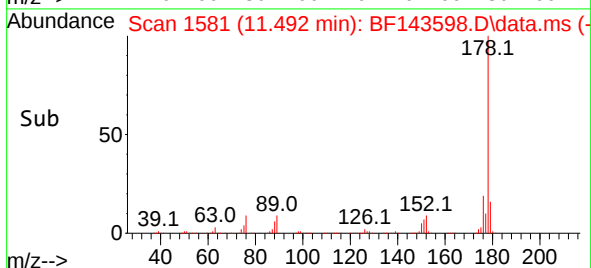
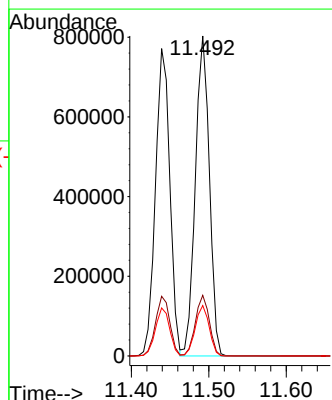
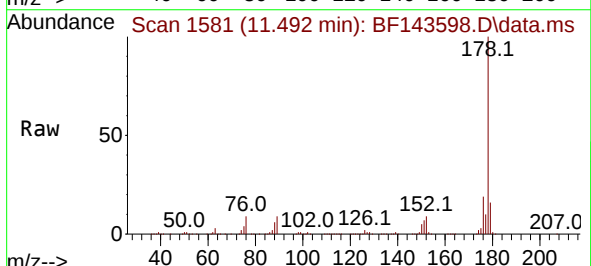
Tgt Ion:178 Resp: 1008094

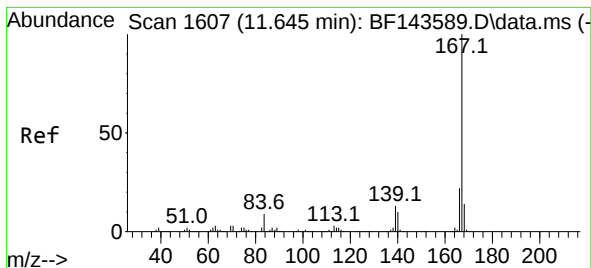
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.6

179 15.7 12.4 18.6





#73

Carbazole

Concen: 46.365 ng

RT: 11.645 min Scan# 1607

Delta R.T. 0.000 min

Lab File: BF143598.D

Acq: 27 Aug 2025 10:15

Instrument :

BNA_F

ClientSampleId :

PB169400BS

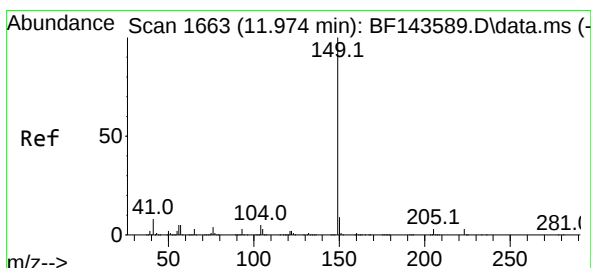
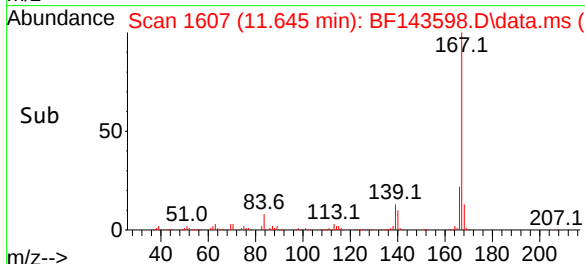
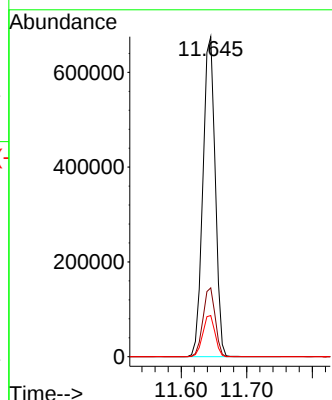
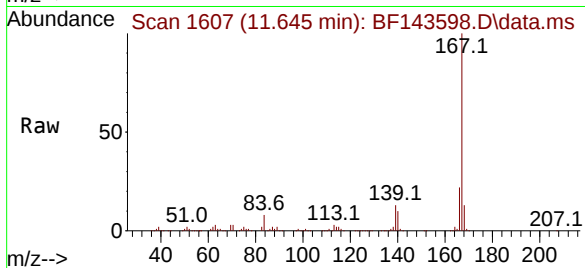
Tgt Ion:167 Resp: 882708

Ion Ratio Lower Upper

167 100

166 21.5 17.3 25.9

139 12.9 10.4 15.6



#74

Di-n-butylphthalate

Concen: 51.327 ng

RT: 11.974 min Scan# 1663

Delta R.T. 0.000 min

Lab File: BF143598.D

Acq: 27 Aug 2025 10:15

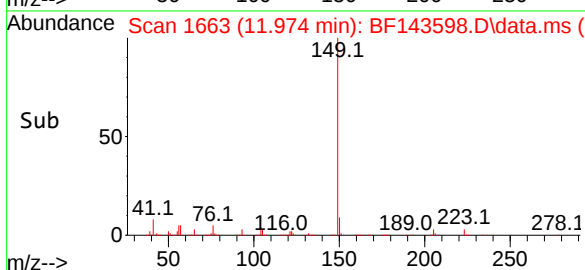
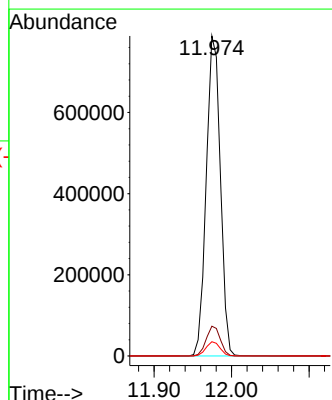
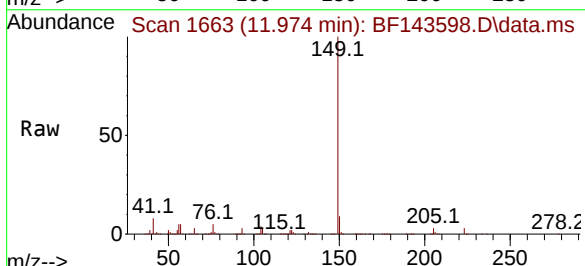
Tgt Ion:149 Resp: 995306

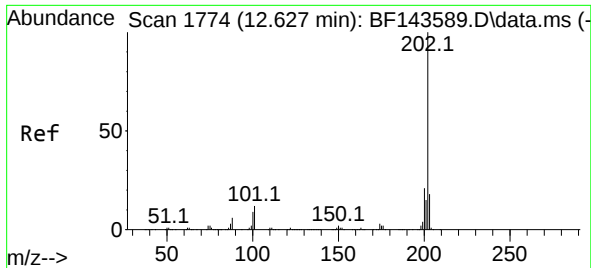
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 4.5 3.6 5.4

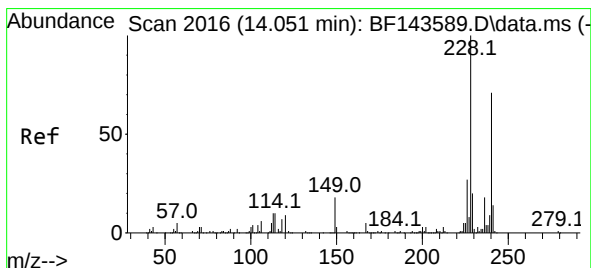
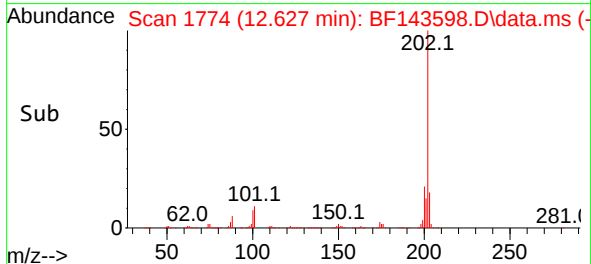
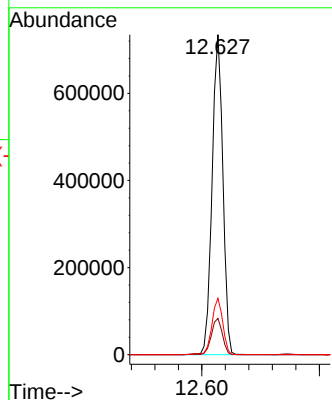
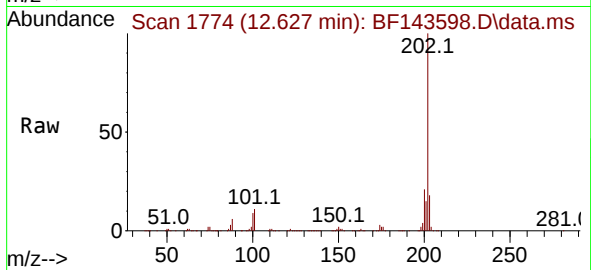




#75
Fluoranthene
Concen: 46.830 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

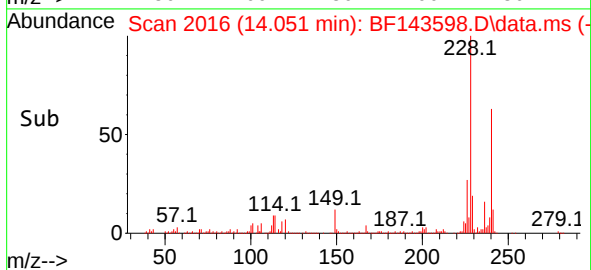
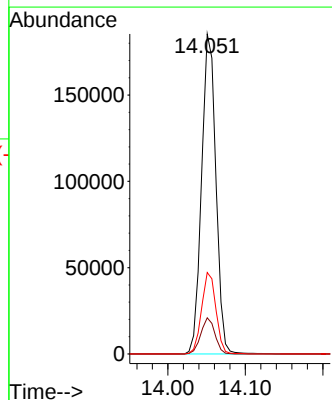
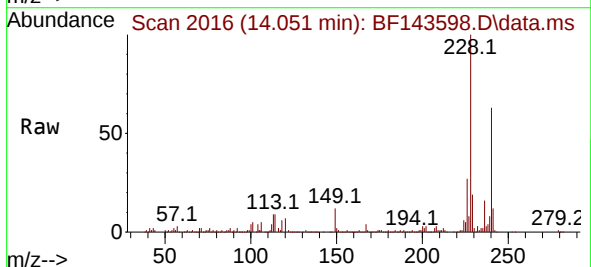
Instrument :
BNA_F
ClientSampleId :
PB169400BS

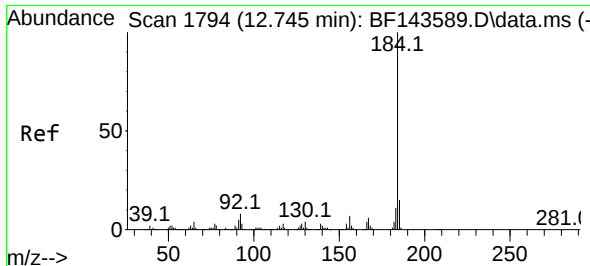
Tgt Ion:202 Resp: 934488
Ion Ratio Lower Upper
202 100
101 11.4 0.0 32.3
203 17.6 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

Tgt Ion:240 Resp: 238087
Ion Ratio Lower Upper
240 100
120 11.3 9.6 14.4
236 25.4 20.2 30.2

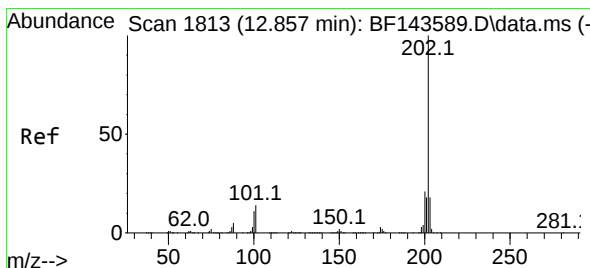
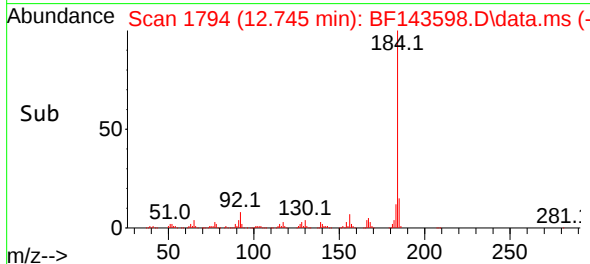
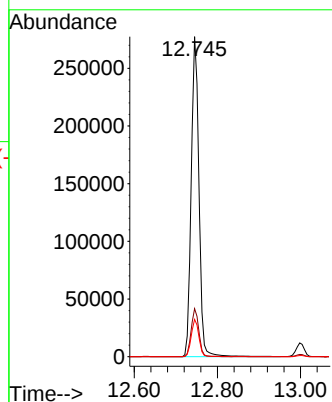
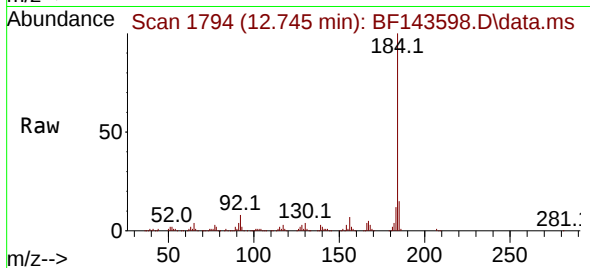




#77
Benzidine
Concen: 65.172 ng
RT: 12.745 min Scan# 1794
Delta R.T. -0.000 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

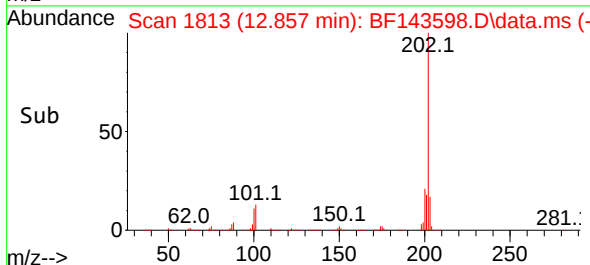
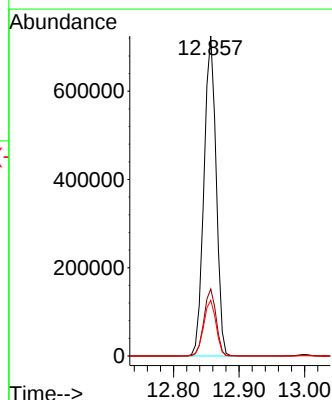
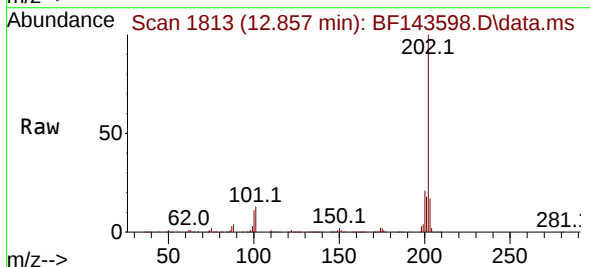
Instrument :
BNA_F
ClientSampleId :
PB169400BS

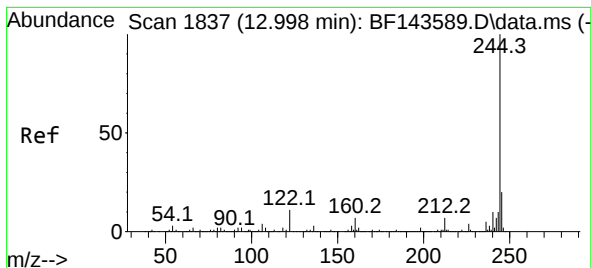
Tgt Ion:184 Resp: 357236
Ion Ratio Lower Upper
184 100
185 15.0 11.8 17.6
183 11.6 9.1 13.7



#78
Pyrene
Concen: 47.062 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

Tgt Ion:202 Resp: 937742
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 17.4 14.2 21.4





#79

Terphenyl-d14

Concen: 94.983 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF143598.D

Acq: 27 Aug 2025 10:15

Instrument :

BNA_F

ClientSampleId :

PB169400BS

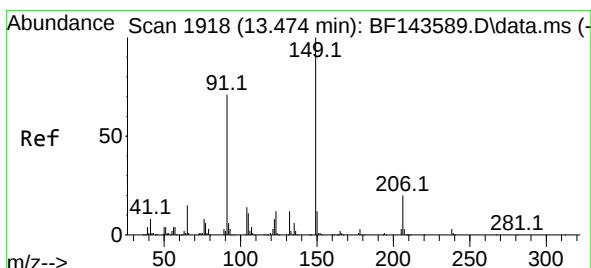
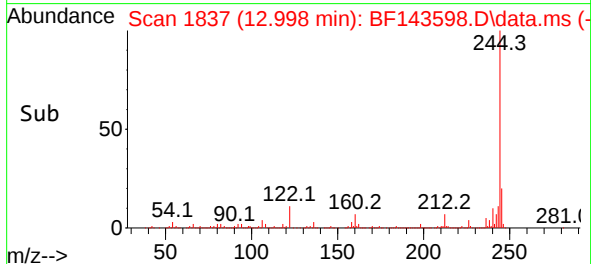
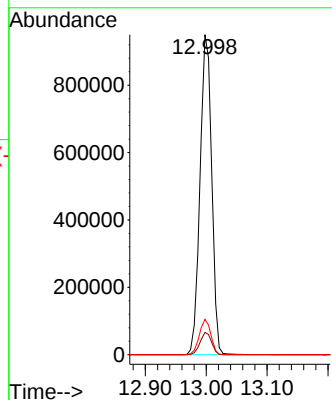
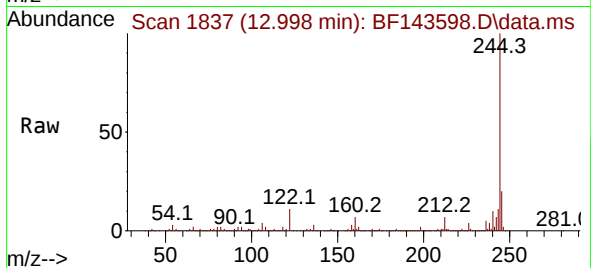
Tgt Ion:244 Resp: 1260204

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 11.1 8.8 13.2



#80

Butylbenzylphthalate

Concen: 49.800 ng

RT: 13.474 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF143598.D

Acq: 27 Aug 2025 10:15

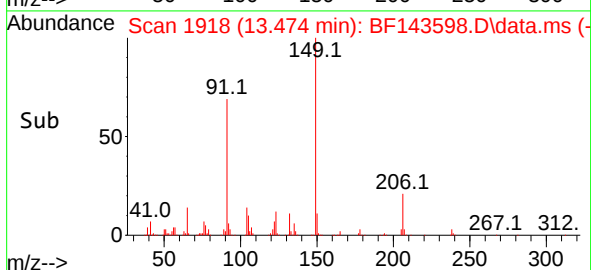
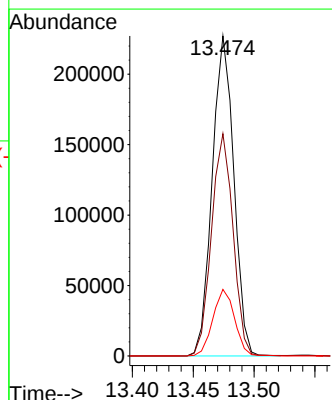
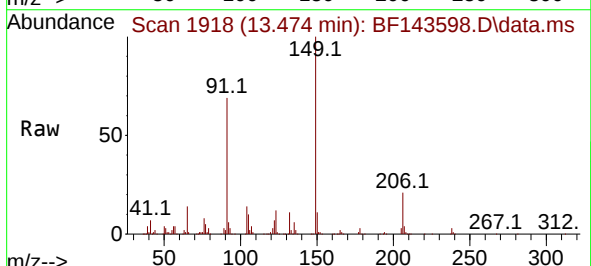
Tgt Ion:149 Resp: 281063

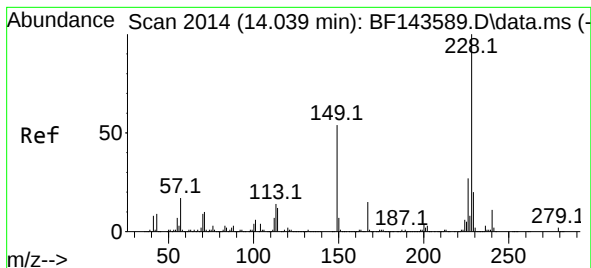
Ion Ratio Lower Upper

149 100

91 69.4 56.8 85.2

206 20.8 16.2 24.2





#81

Benzo(a)anthracene

Concen: 47.536 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143598.D

Acq: 27 Aug 2025 10:15

Instrument :

BNA_F

ClientSampleId :

PB169400BS

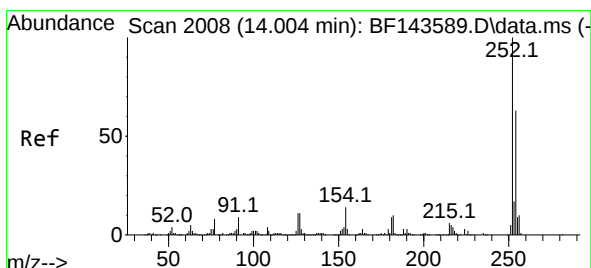
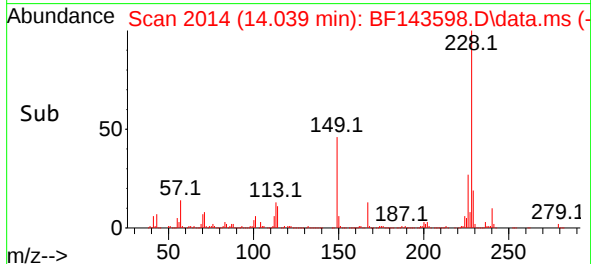
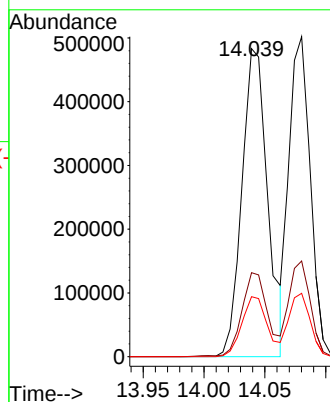
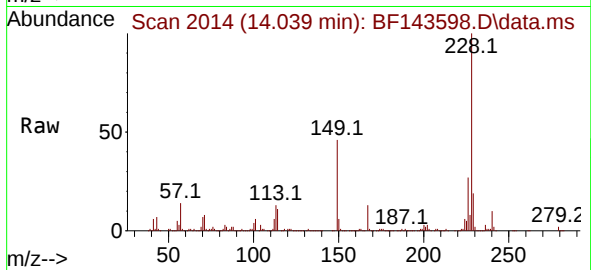
Tgt Ion:228 Resp: 712027

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 19.5 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 32.014 ng

RT: 14.004 min Scan# 2008

Delta R.T. -0.000 min

Lab File: BF143598.D

Acq: 27 Aug 2025 10:15

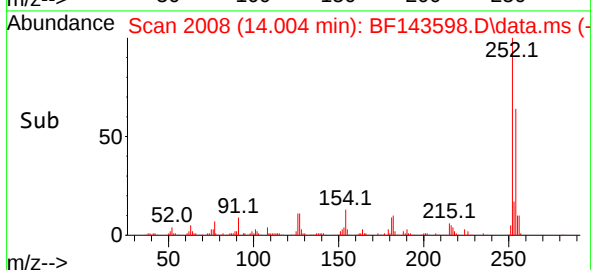
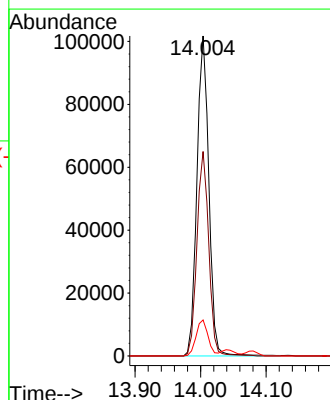
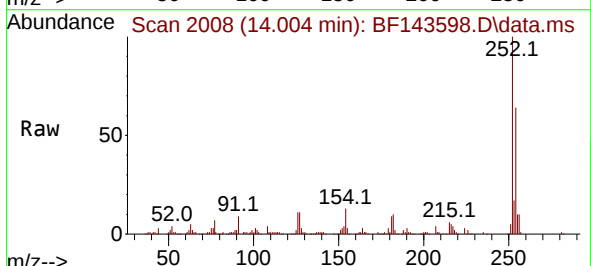
Tgt Ion:252 Resp: 128565

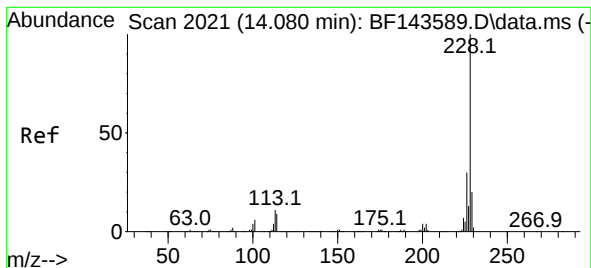
Ion Ratio Lower Upper

252 100

254 63.9 50.2 75.2

126 11.3 9.1 13.7





#83

Chrysene

Concen: 43.953 ng

RT: 14.080 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF143598.D

Acq: 27 Aug 2025 10:15

Instrument :

BNA_F

ClientSampleId :

PB169400BS

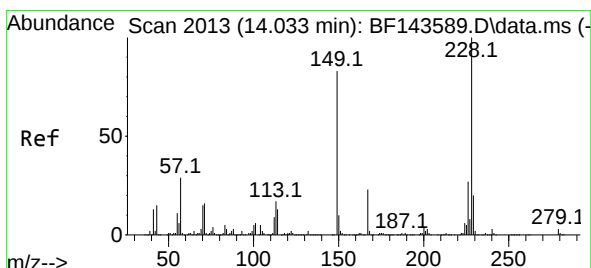
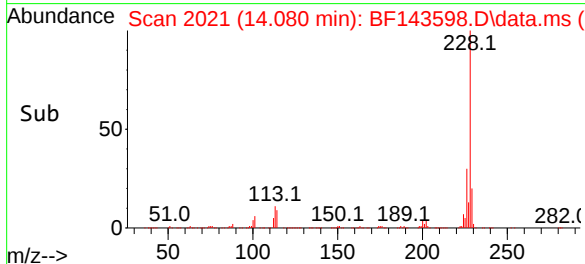
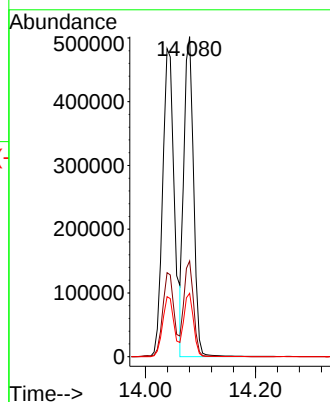
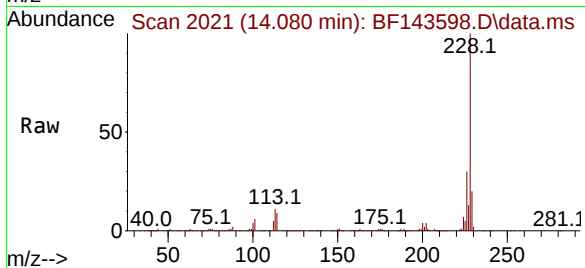
Tgt Ion:228 Resp: 613559

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.2

229 19.8 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.414 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF143598.D

Acq: 27 Aug 2025 10:15

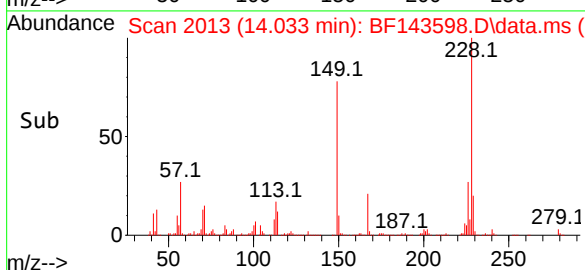
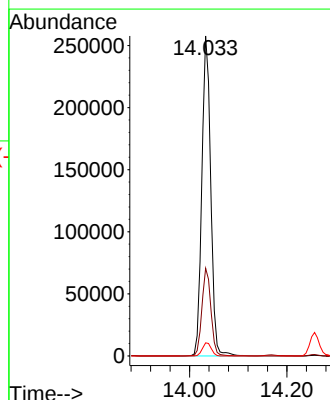
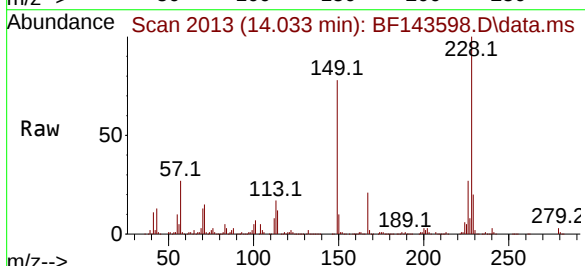
Tgt Ion:149 Resp: 329595

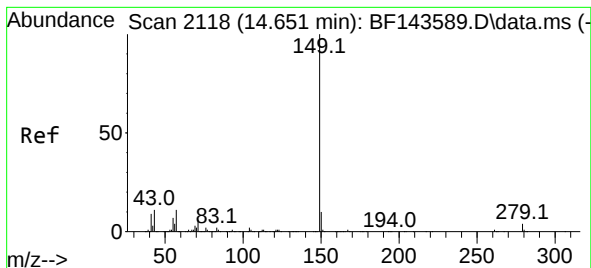
Ion Ratio Lower Upper

149 100

167 27.4 21.8 32.8

279 4.1 2.9 4.3

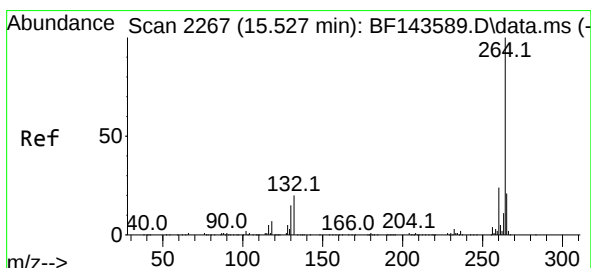
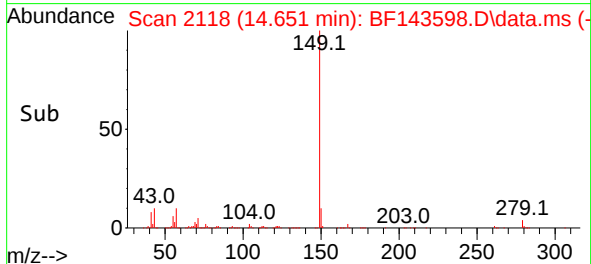
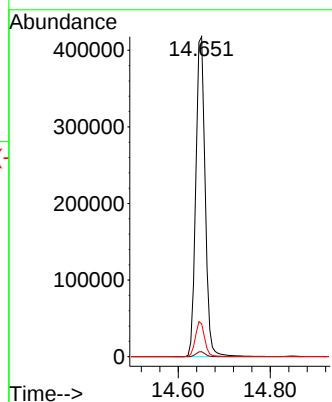
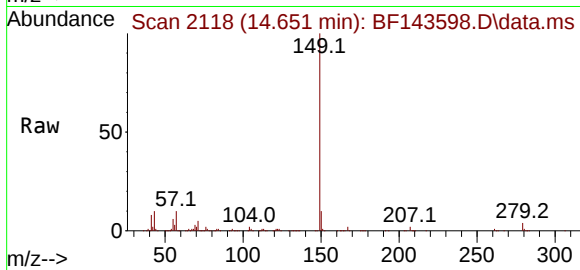




#85
Di-n-octyl phthalate
Concen: 43.794 ng
RT: 14.651 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

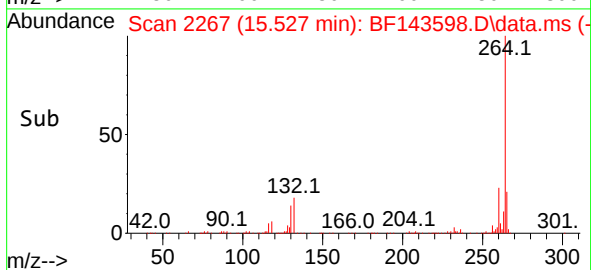
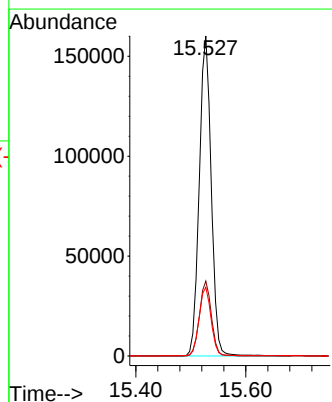
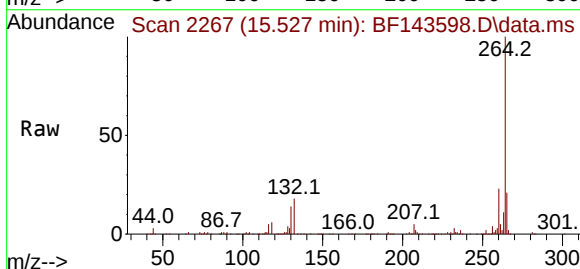
Instrument :
BNA_F
ClientSampleId :
PB169400BS

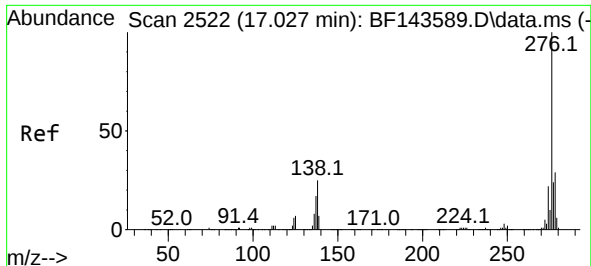
Tgt Ion:149 Resp: 586870
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.9 9.5 14.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

Tgt Ion:264 Resp: 241951
Ion Ratio Lower Upper
264 100
260 23.4 18.9 28.3
265 21.5 17.0 25.4

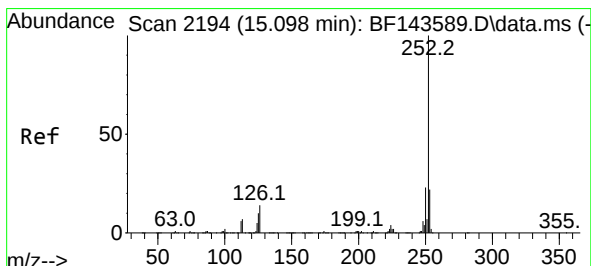
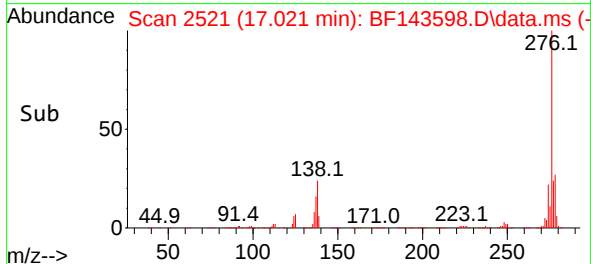
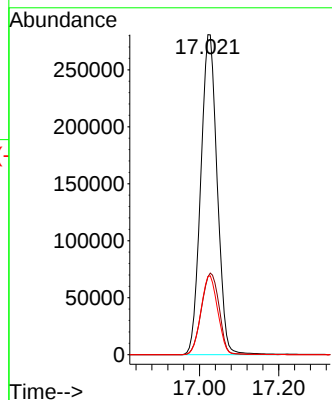
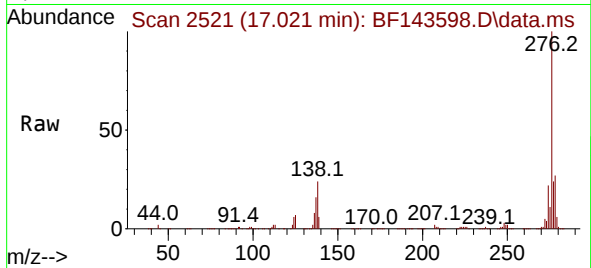




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.012 ng
 RT: 17.021 min Scan# 2193
 Delta R.T. -0.006 min
 Lab File: BF143598.D
 Acq: 27 Aug 2025 10:15

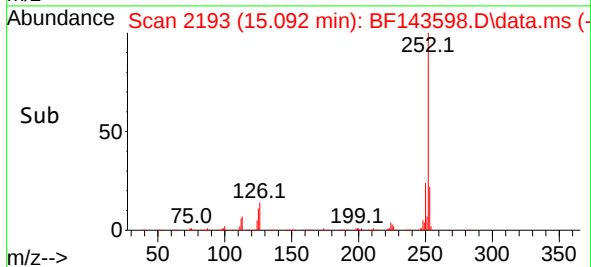
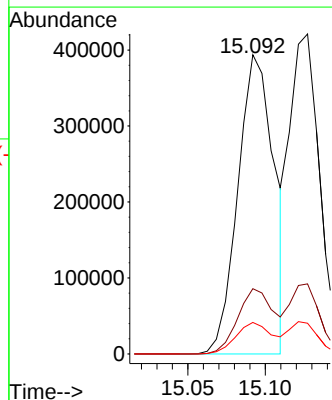
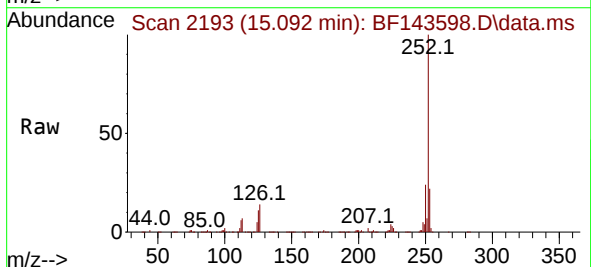
Instrument :
 BNA_F
 ClientSampleId :
 PB169400BS

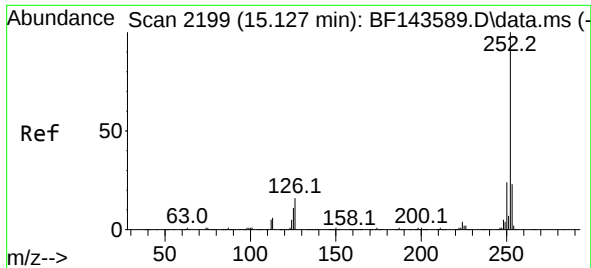
Tgt Ion:276 Resp: 806812
 Ion Ratio Lower Upper
 276 100
 138 27.3 22.3 33.5
 277 25.4 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 46.350 ng
 RT: 15.092 min Scan# 2193
 Delta R.T. -0.006 min
 Lab File: BF143598.D
 Acq: 27 Aug 2025 10:15

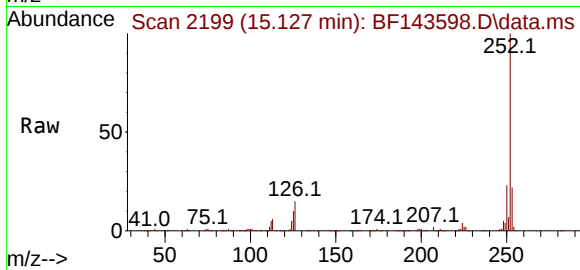
Tgt Ion:252 Resp: 640761
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.5 26.3
 125 10.6 8.2 12.2



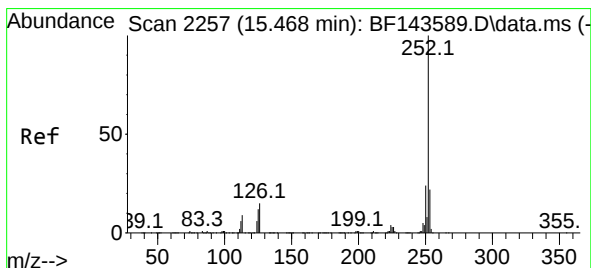
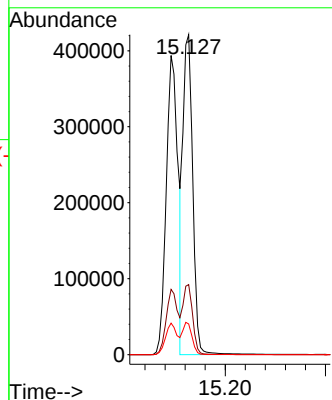
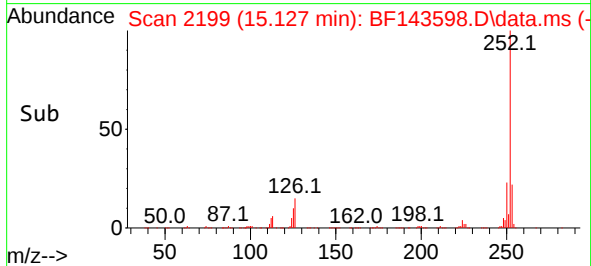


#89
Benzo(k)fluoranthene
Concen: 44.176 ng
RT: 15.127 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

Instrument :
BNA_F
ClientSampleId :
PB169400BS

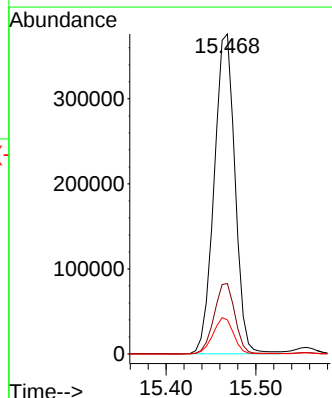
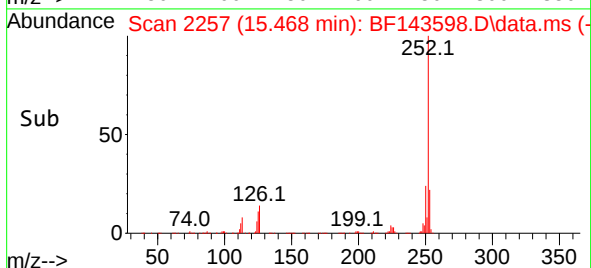
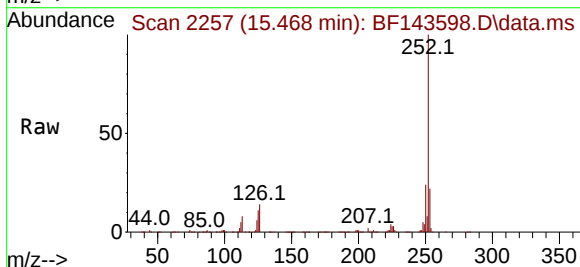


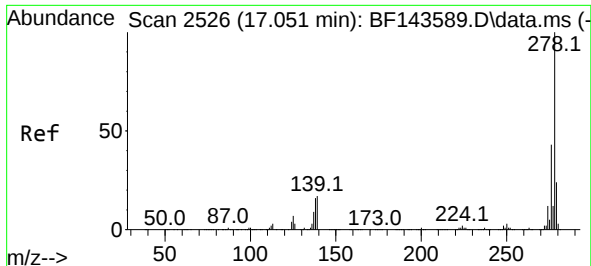
Tgt Ion:252 Resp: 571012
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.6 8.2 12.4



#90
Benzo(a)pyrene
Concen: 49.662 ng
RT: 15.468 min Scan# 2257
Delta R.T. 0.000 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

Tgt Ion:252 Resp: 606588
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 10.7 9.2 13.8

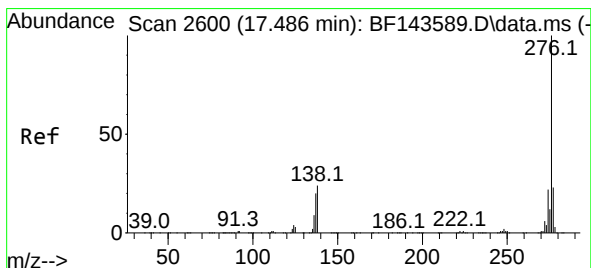
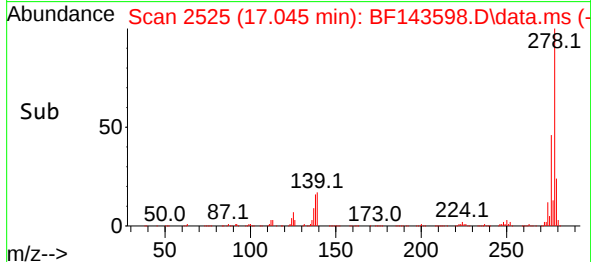
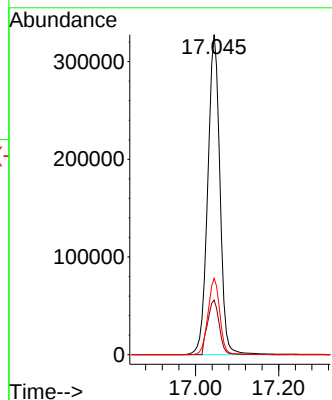
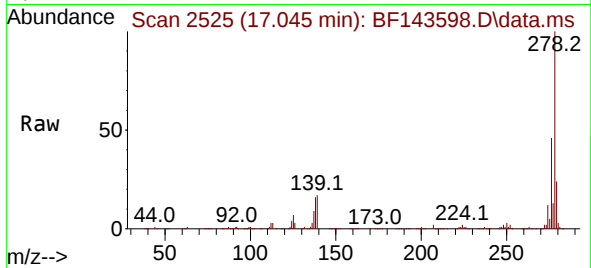




#91
Dibenzo(a,h)anthracene
Concen: 49.526 ng
RT: 17.045 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

Instrument :
BNA_F
ClientSampleId :
PB169400BS

Tgt Ion:278 Resp: 667259
Ion Ratio Lower Upper
278 100
139 17.1 13.8 20.8
279 23.9 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 49.252 ng
RT: 17.474 min Scan# 2598
Delta R.T. -0.012 min
Lab File: BF143598.D
Acq: 27 Aug 2025 10:15

Tgt Ion:276 Resp: 656943
Ion Ratio Lower Upper
276 100
277 24.0 18.6 27.8
138 23.9 19.1 28.7

