

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
 Data File : BF141779.D
 Acq On : 26 Feb 2025 13:26
 Operator : RC/JU
 Sample : PB166870BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166870BS

Quant Time: Feb 26 13:46:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	85071	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	333608	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	184169	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	318764	20.000	ng	-0.01
76) Chrysene-d12	13.945	240	204697	20.000	ng	-0.02
86) Perylene-d12	15.386	264	183683	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	684005	126.053	ng	0.00
7) Phenol-d6	6.428	99	817951	119.262	ng	-0.01
23) Nitrobenzene-d5	7.351	82	538922	84.258	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	244277	132.037	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1059860	88.661	ng	-0.01
79) Terphenyl-d14	12.886	244	1239656	102.237	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	84303	38.601	ng	94
3) Pyridine	3.299	79	197322	37.968	ng	91
4) n-Nitrosodimethylamine	3.246	42	115743	33.634	ng	86
6) Aniline	6.445	93	198673	30.881	ng	# 69
8) 2-Chlorophenol	6.575	128	247114	42.145	ng	97
9) Benzaldehyde	6.334	77	96347	26.436	ng	99
10) Phenol	6.445	94	287440	40.267	ng	95
11) bis(2-Chloroethyl)ether	6.516	93	224021	41.782	ng	99
12) 1,3-Dichlorobenzene	6.722	146	258935	41.831	ng	97
13) 1,4-Dichlorobenzene	6.798	146	262689	41.535	ng	98
14) 1,2-Dichlorobenzene	6.951	146	253149	43.127	ng	98
15) Benzyl Alcohol	6.934	79	209030	39.744	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.057	45	336953	36.713	ng	62
17) 2-Methylphenol	7.051	107	189779	41.360	ng	95
18) Hexachloroethane	7.287	117	97139	41.502	ng	99
19) n-Nitroso-di-n-propyla...	7.198	70	165435	40.326	ng	93
20) 3+4-Methylphenols	7.204	107	253481	43.470	ng	# 77
22) Acetophenone	7.192	105	378286	45.584	ng	# 90
24) Nitrobenzene	7.369	77	248767	39.886	ng	96
25) Isophorone	7.604	82	447759	43.905	ng	99
26) 2-Nitrophenol	7.681	139	132890	42.826	ng	94
27) 2,4-Dimethylphenol	7.728	122	195935	54.051	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	279279	42.736	ng	98
29) 2,4-Dichlorophenol	7.934	162	207842	42.435	ng	100
30) 1,2,4-Trichlorobenzene	8.004	180	224642	42.118	ng	99
31) Naphthalene	8.086	128	711676	40.982	ng	100
32) Benzoic acid	7.875	122	132290	35.134	ng	97
33) 4-Chloroaniline	8.139	127	99947	16.485	ng	98
34) Hexachlorobutadiene	8.198	225	137306	42.882	ng	100
35) Caprolactam	8.516	113	72001m	48.282	ng	
36) 4-Chloro-3-methylphenol	8.634	107	221721	40.867	ng	99
37) 2-Methylnaphthalene	8.775	142	456469	40.394	ng	100
38) 1-Methylnaphthalene	8.875	142	442325	40.415	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	249629	46.850	ng	98
41) Hexachlorocyclopentadiene	8.928	237	214365	120.959	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	143163	41.572	ng	99

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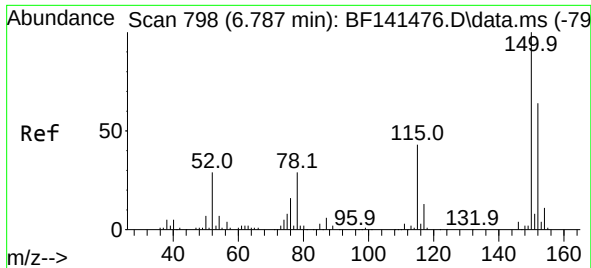
Quant Time: Feb 26 13:46:51 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	154444	41.382	ng	97
46) 1,1'-Biphenyl	9.239	154	655552	45.913	ng	99
47) 2-Chloronaphthalene	9.263	162	450581	42.675	ng	99
48) 2-Nitroaniline	9.369	65	141281	39.872	ng	93
49) Acenaphthylene	9.681	152	699167	44.521	ng	99
50) Dimethylphthalate	9.539	163	547408	43.783	ng	100
51) 2,6-Dinitrotoluene	9.610	165	118503	43.357	ng	92
52) Acenaphthene	9.851	154	430902	40.813	ng	99
53) 3-Nitroaniline	9.781	138	68149	23.166	ng	96
54) 2,4-Dinitrophenol	9.898	184	137452	84.617	ng	86
55) Dibenzofuran	10.022	168	633174	40.858	ng	98
56) 4-Nitrophenol	9.963	139	154836	70.904	ng	91
57) 2,4-Dinitrotoluene	10.016	165	160235	44.038	ng	99
58) Fluorene	10.369	166	512509	42.772	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	138935	43.239	ng	91
60) Diethylphthalate	10.239	149	528846	42.991	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	251620	43.650	ng	97
62) 4-Nitroaniline	10.398	138	122204	40.911	ng	91
63) Azobenzene	10.516	77	485037	39.663	ng	94
65) 4,6-Dinitro-2-methylph...	10.428	198	90100	40.690	ng	92
66) n-Nitrosodiphenylamine	10.480	169	446646	43.772	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	160039	44.922	ng	99
68) Hexachlorobenzene	10.916	284	166815	45.472	ng	97
69) Atrazine	11.010	200	177595	58.015	ng	99
70) Pentachlorophenol	11.116	266	163676	69.776	ng	99
71) Phenanthrene	11.327	178	763853	43.533	ng	99
72) Anthracene	11.380	178	794235	45.028	ng	100
73) Carbazole	11.539	167	678398	42.745	ng	99
74) Di-n-butylphthalate	11.863	149	830425	45.315	ng	100
75) Fluoranthene	12.516	202	786182	42.262	ng	100
77) Benzidine	12.639	184	219297	48.577	ng	99
78) Pyrene	12.745	202	789622	45.315	ng	99
80) Butylbenzylphthalate	13.357	149	299921	49.692	ng	99
81) Benzo(a)anthracene	13.933	228	593989	43.653	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	114409	29.352	ng	97
83) Chrysene	13.968	228	541257	43.080	ng	100
84) Bis(2-ethylhexyl)phtha...	13.916	149	385680	56.657	ng	99
85) Di-n-octyl phthalate	14.527	149	562563	57.930	ng	96
87) Indeno(1,2,3-cd)pyrene	16.827	276	542957	47.839	ng	99
88) Benzo(b)fluoranthene	14.968	252	545602	44.238	ng	99
89) Benzo(k)fluoranthene	14.998	252	408670	38.804	ng	98
90) Benzo(a)pyrene	15.327	252	459925	46.086	ng	99
91) Dibenzo(a,h)anthracene	16.839	278	440906	47.943	ng	98
92) Benzo(g,h,i)perylene	17.262	276	424315	44.091	ng	100

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

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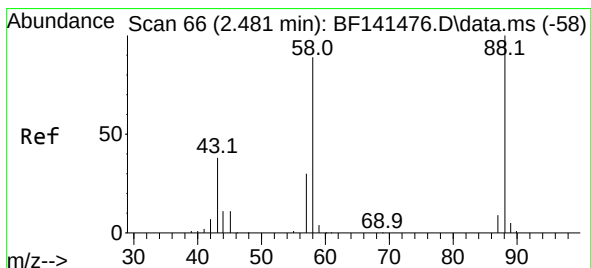
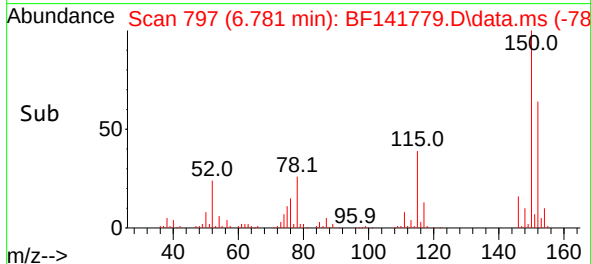
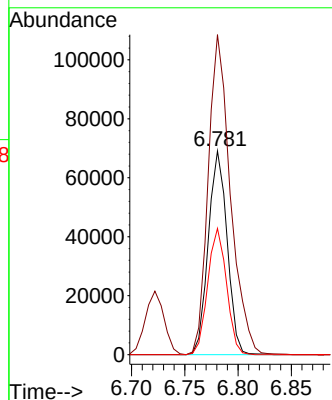
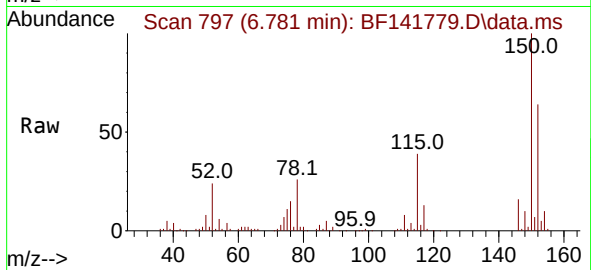




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF141779.D
 Acq: 26 Feb 2025 13:26

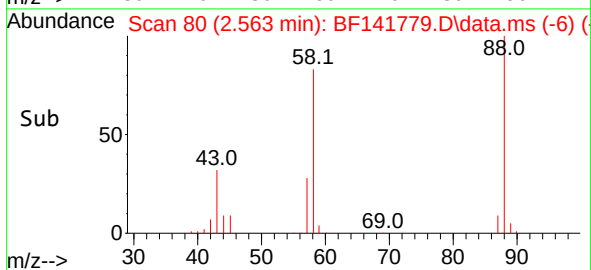
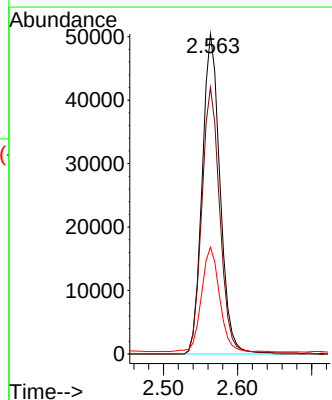
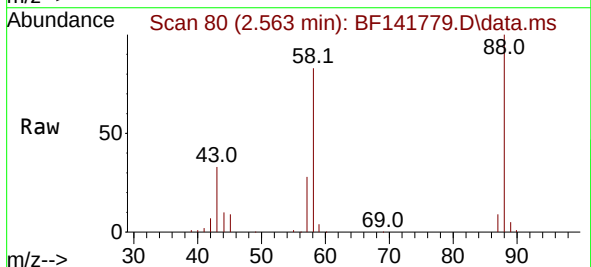
Instrument :
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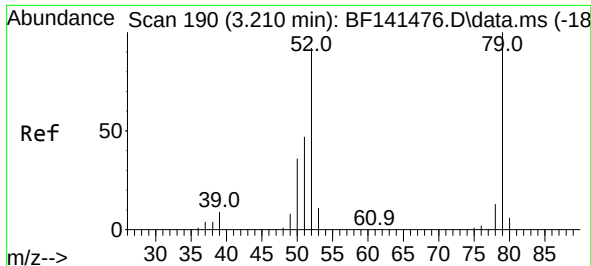
Tgt Ion:152 Resp: 85071
 Ion Ratio Lower Upper
 152 100
 150 157.0 125.0 187.4
 115 62.0 53.6 80.4



#2
 1,4-Dioxane
 Concen: 38.601 ng
 RT: 2.563 min Scan# 80
 Delta R.T. 0.082 min
 Lab File: BF141779.D
 Acq: 26 Feb 2025 13:26

Tgt Ion: 88 Resp: 84303
 Ion Ratio Lower Upper
 88 100
 58 84.9 71.1 106.7
 43 32.9 30.6 46.0





#3

Pyridine

Concen: 37.968 ng

RT: 3.299 min Scan# 205

Delta R.T. 0.082 min

Lab File: BF141779.D

Acq: 26 Feb 2025 13:26

Instrument :

BNA_F

ClientSampleId :

PB166870BS

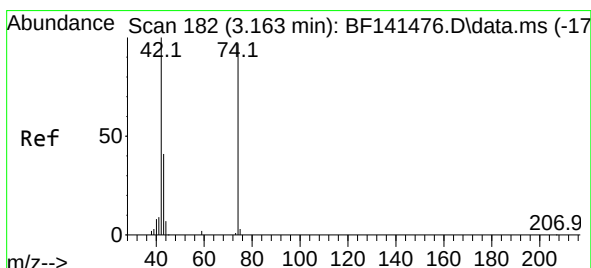
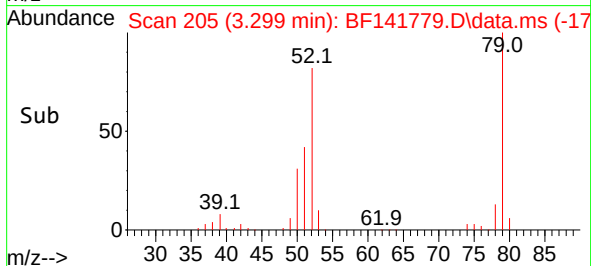
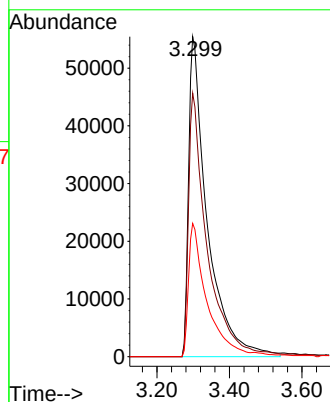
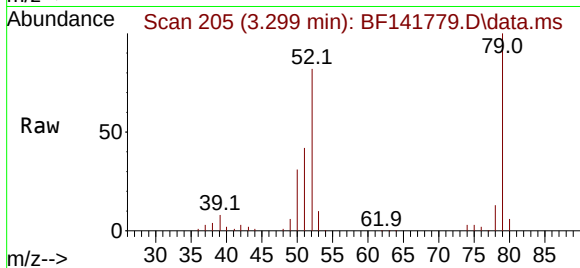
Tgt Ion: 79 Resp: 197322

Ion Ratio Lower Upper

79 100

52 82.3 73.7 110.5

51 41.7 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 33.634 ng

RT: 3.246 min Scan# 196

Delta R.T. 0.059 min

Lab File: BF141779.D

Acq: 26 Feb 2025 13:26

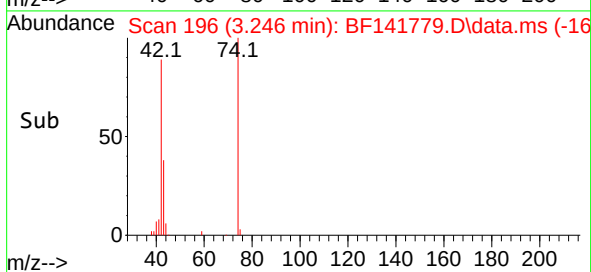
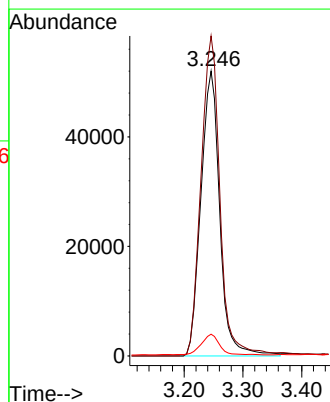
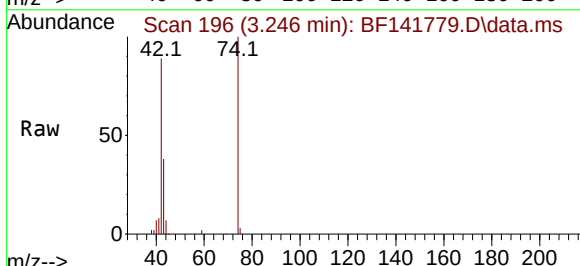
Tgt Ion: 42 Resp: 115743

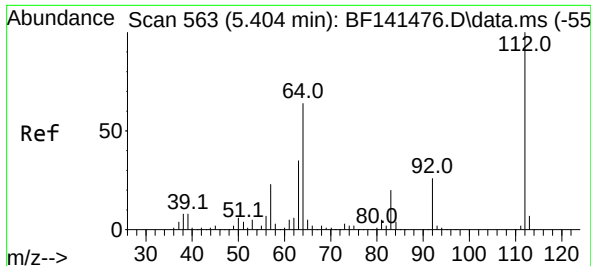
Ion Ratio Lower Upper

42 100

74 112.4 78.0 117.0

44 7.7 5.4 8.2

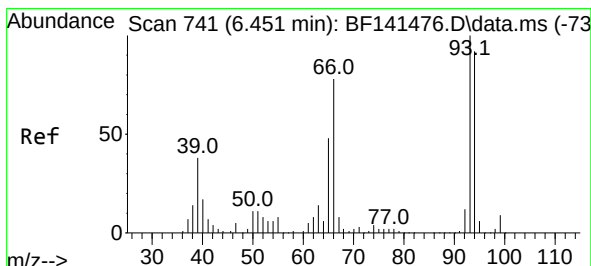
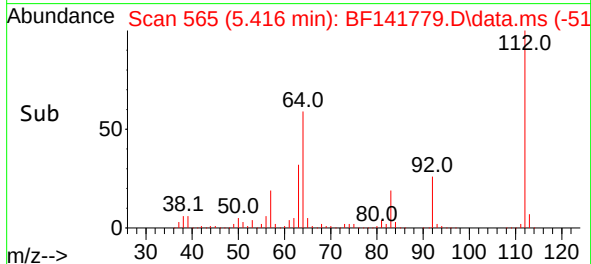
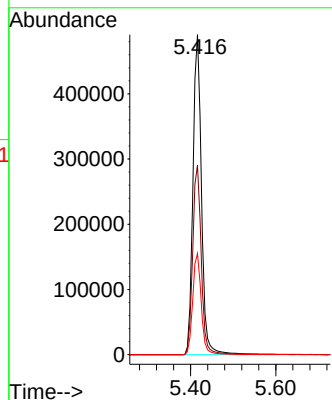
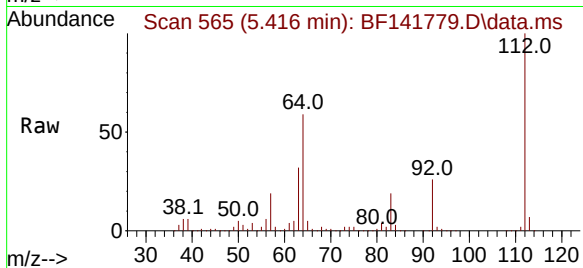




#5
2-Fluorophenol
Concen: 126.053 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

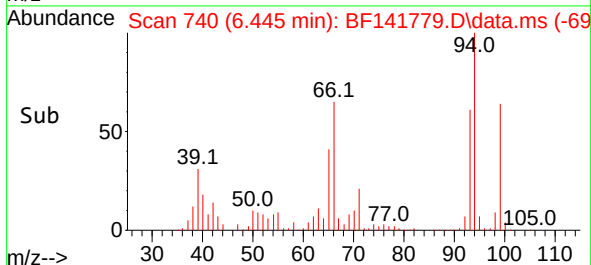
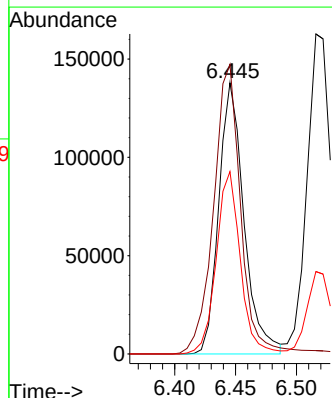
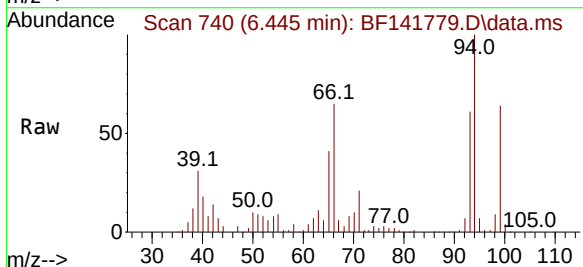
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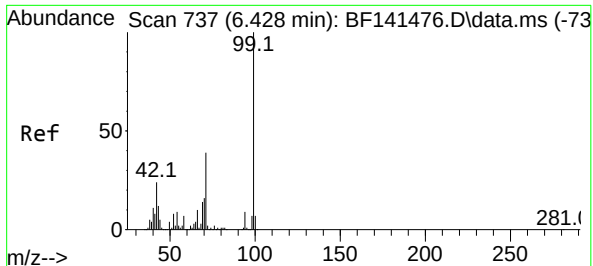
Tgt Ion:112 Resp: 684005
Ion Ratio Lower Upper
112 100
64 59.2 51.1 76.7
63 31.6 28.4 42.6



#6
Aniline
Concen: 30.881 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.018 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

Tgt Ion: 93 Resp: 198673
Ion Ratio Lower Upper
93 100
66 106.8 62.6 94.0#
65 67.3 38.3 57.5#





#7
Phenol-d6
Concen: 119.262 ng
RT: 6.428 min Scan# 717
Delta R.T. -0.012 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

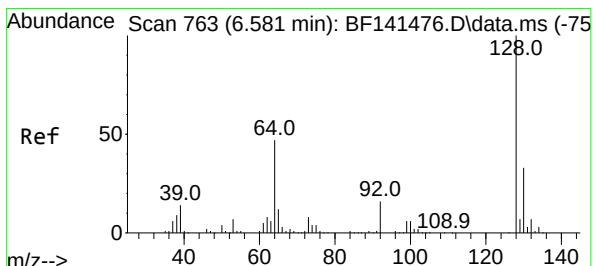
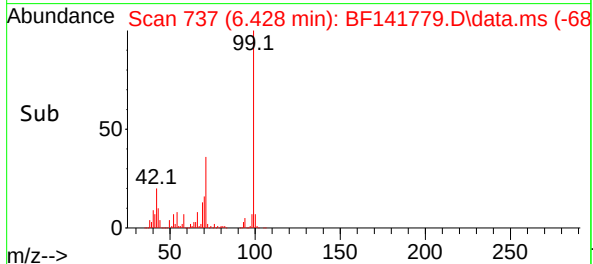
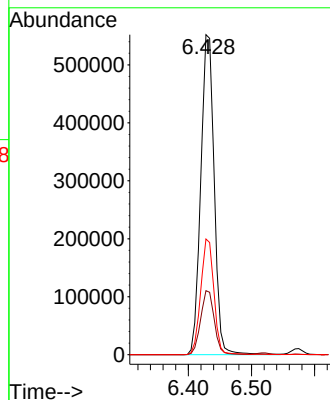
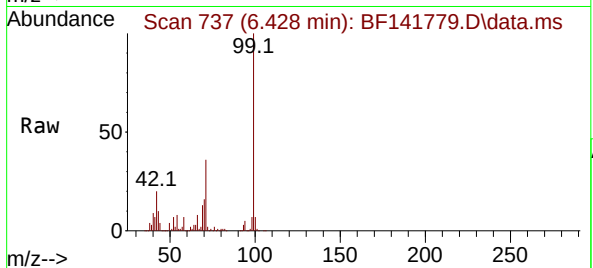
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BNA_F

ClientSampleId :

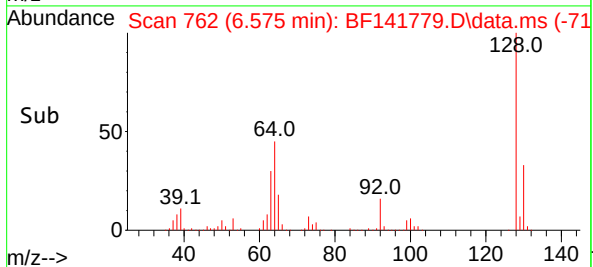
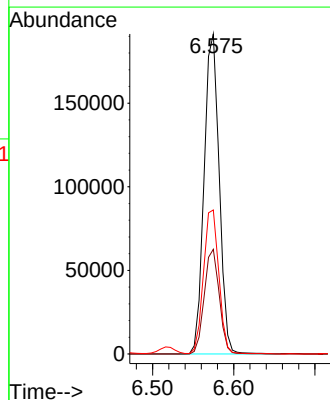
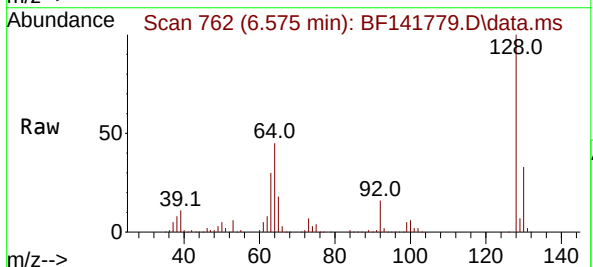
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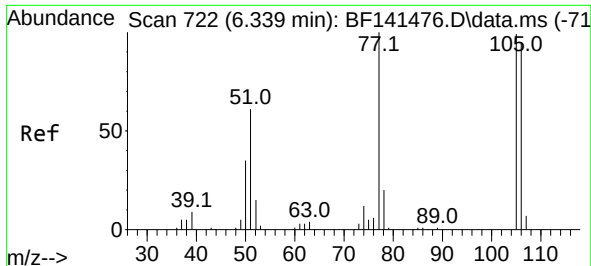
Tgt Ion: 99 Resp: 817951
Ion Ratio Lower Upper
99 100
42 20.0 19.1 28.7
71 36.2 31.1 46.7



#8
2-Chlorophenol
Concen: 42.145 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

Tgt Ion:128 Resp: 247114
Ion Ratio Lower Upper
128 100
130 32.7 12.7 52.7
64 45.0 28.3 68.3





#9

Benzaldehyde

Concen: 26.436 ng

RT: 6.334 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141779.D

Acq: 26 Feb 2025 13:26

Instrument :

BNA_F

ClientSampleId :

PB166870BS

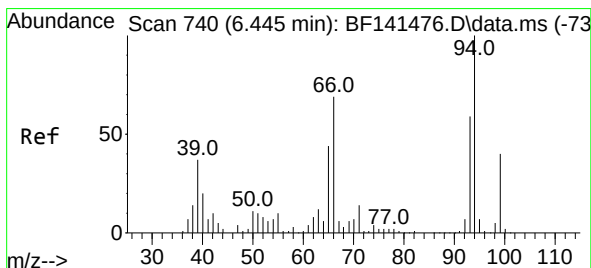
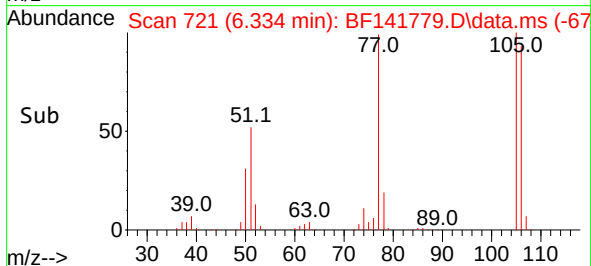
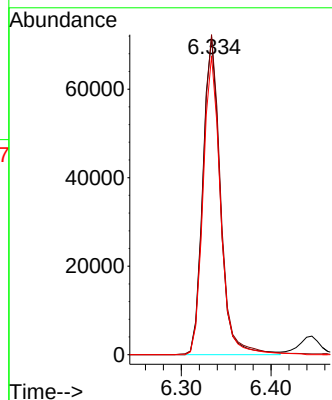
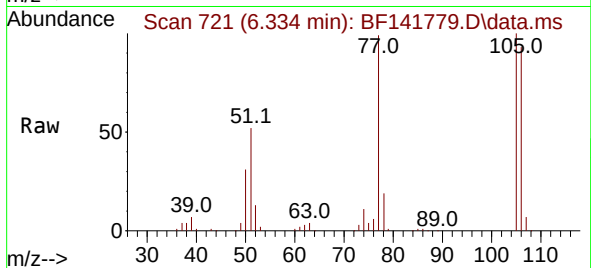
Tgt Ion: 77 Resp: 96347

Ion Ratio Lower Upper

77 100

105 100.8 79.4 119.4

106 94.2 75.1 115.1



#10

Phenol

Concen: 40.267 ng

RT: 6.445 min Scan# 740

Delta R.T. -0.012 min

Lab File: BF141779.D

Acq: 26 Feb 2025 13:26

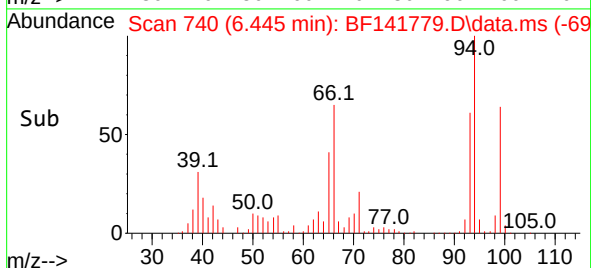
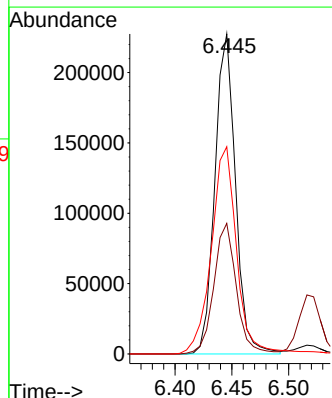
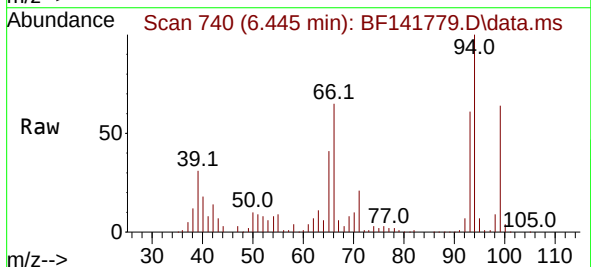
Tgt Ion: 94 Resp: 287440

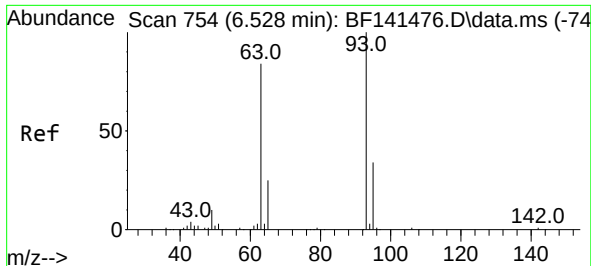
Ion Ratio Lower Upper

94 100

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66 64.8 49.3 89.3

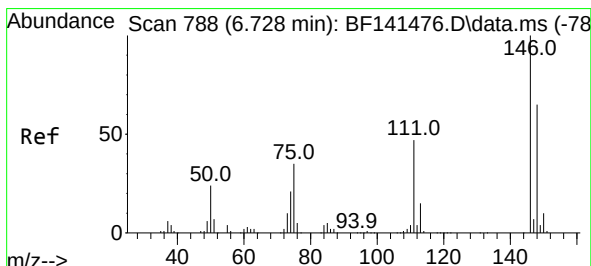
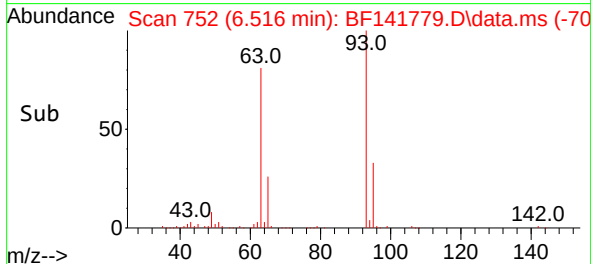
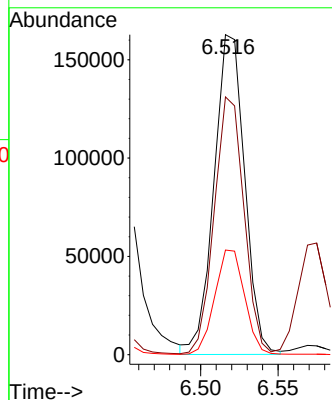
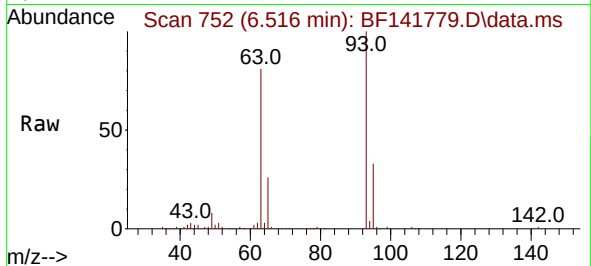




#11
bis(2-Chloroethyl)ether
Concen: 41.782 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

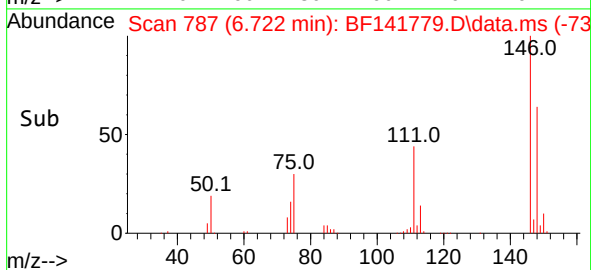
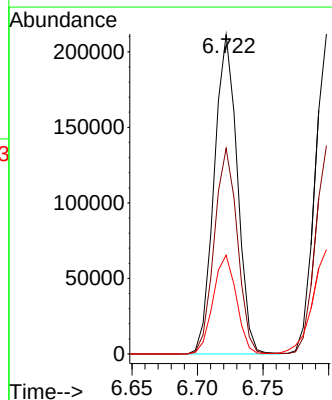
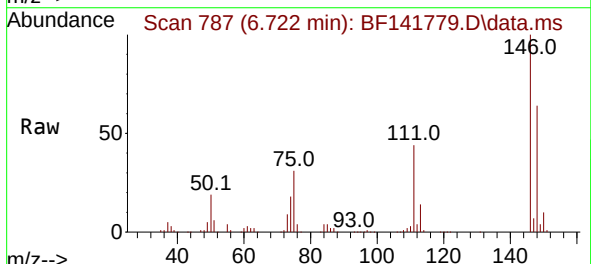
Instrument :
BNA_F
ClientSampleId :
PB166870BS

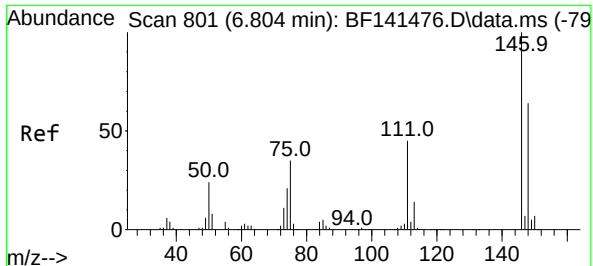
Tgt Ion: 93 Resp: 224021
Ion Ratio Lower Upper
93 100
63 80.5 62.0 102.0
95 32.7 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 41.831 ng
RT: 6.722 min Scan# 787
Delta R.T. -0.012 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

Tgt Ion:146 Resp: 258935
Ion Ratio Lower Upper
146 100
148 64.4 51.9 77.9
75 30.9 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 41.535 ng

RT: 6.798 min Scan# 801

Delta R.T. -0.012 min

Lab File: BF141779.D

Acq: 26 Feb 2025 13:26

Instrument :

BNA_F

ClientSampleId :

PB166870BS

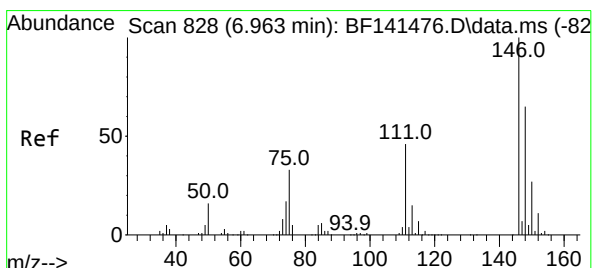
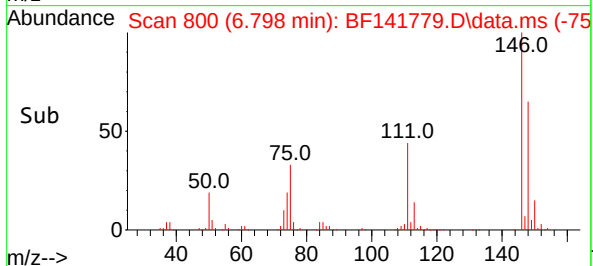
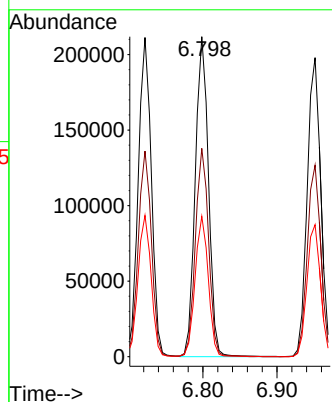
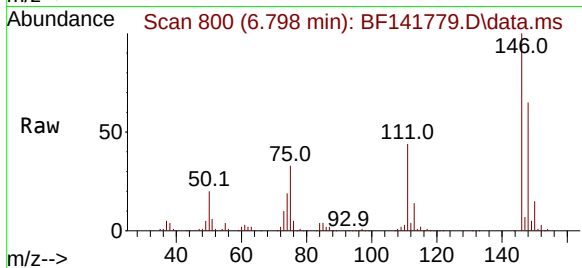
Tgt Ion:146 Resp: 262689

Ion Ratio Lower Upper

146 100

148 65.1 50.9 76.3

111 43.8 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 43.127 ng

RT: 6.951 min Scan# 826

Delta R.T. -0.012 min

Lab File: BF141779.D

Acq: 26 Feb 2025 13:26

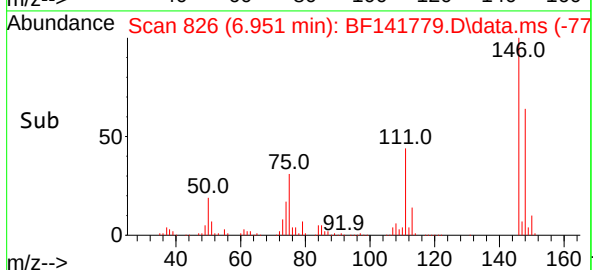
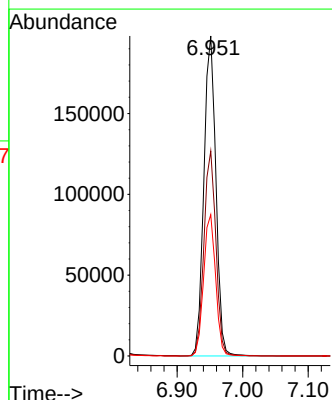
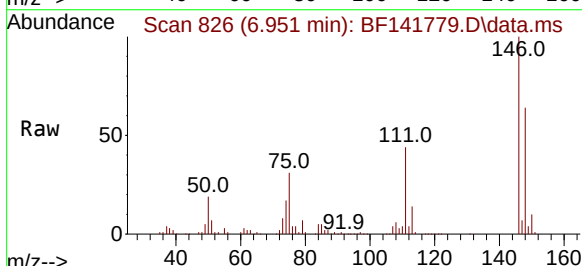
Tgt Ion:146 Resp: 253149

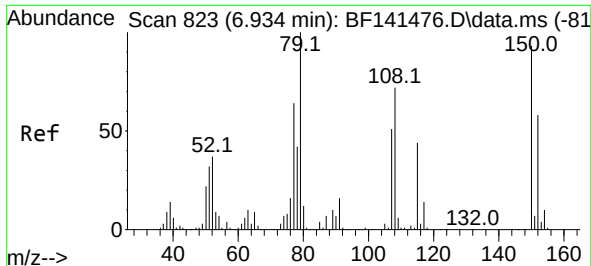
Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.6

111 44.1 37.0 55.4

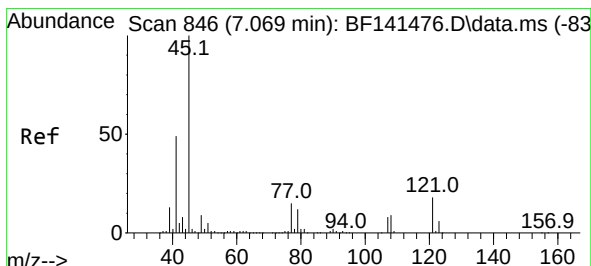
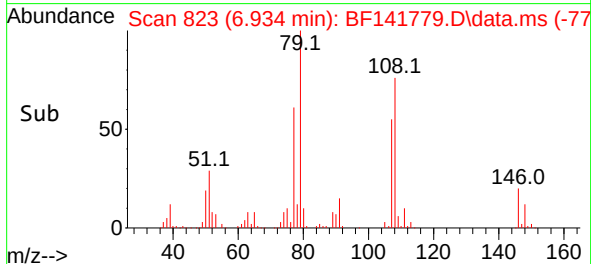
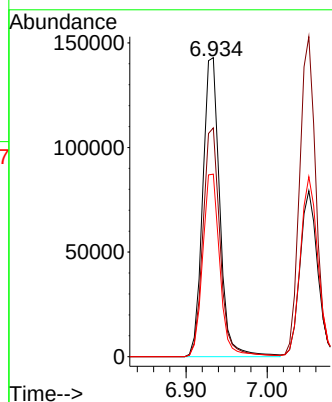
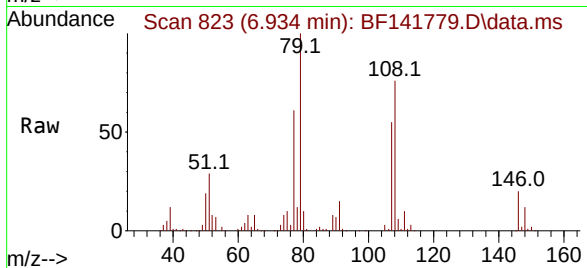




#15
Benzyl Alcohol
Concen: 39.744 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

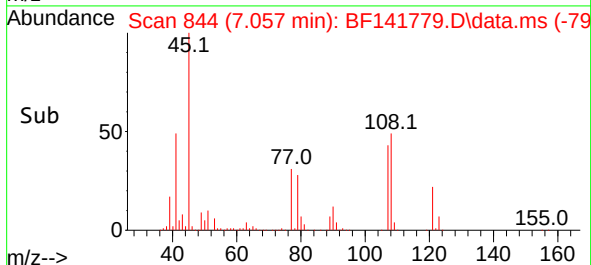
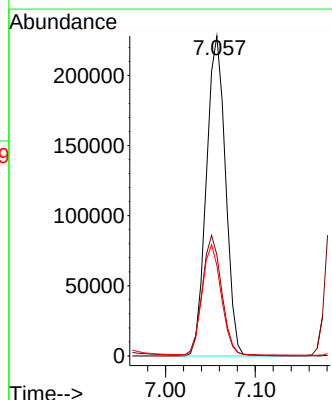
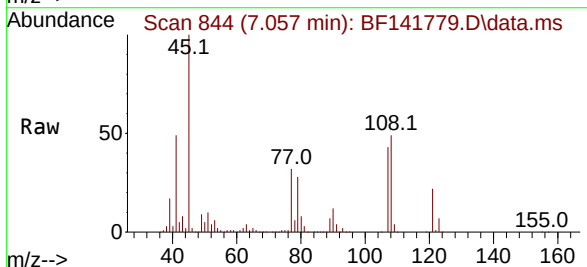
Instrument :
BNA_F
ClientSampleId :
PB166870BS

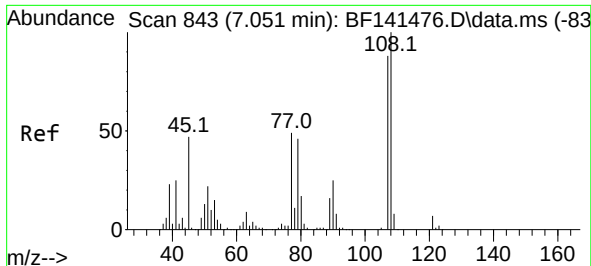
Tgt Ion: 79 Resp: 209030
Ion Ratio Lower Upper
79 100
108 76.5 57.4 86.2
77 61.0 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.713 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

Tgt Ion: 45 Resp: 336953
Ion Ratio Lower Upper
45 100
77 31.7 0.0 35.8
79 28.3 0.0 32.7

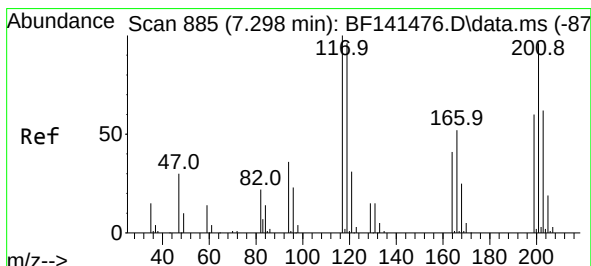
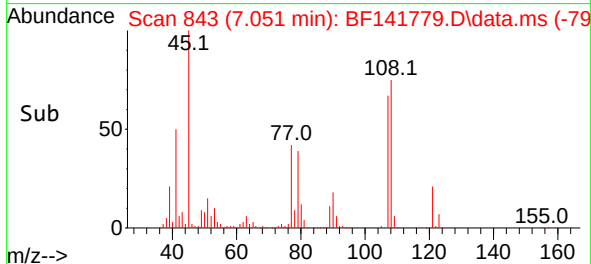
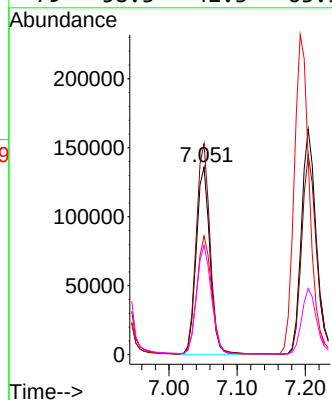
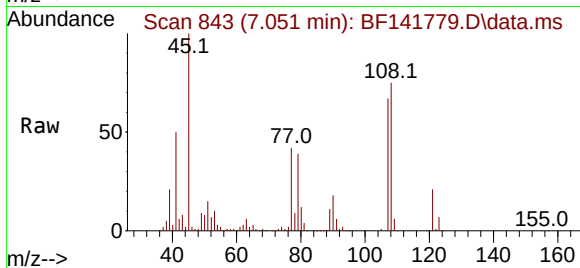




#17
2-Methylphenol
Concen: 41.360 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

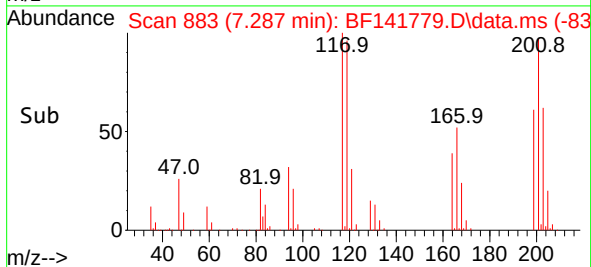
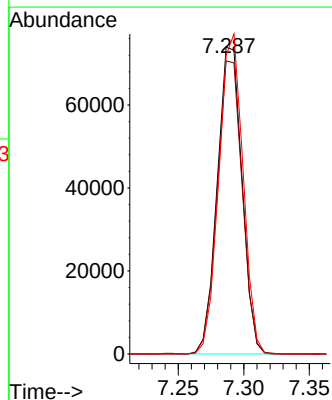
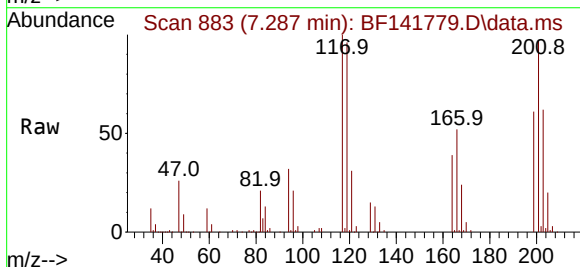
Instrument :
BNA_F
ClientSampleId :
PB166870BS

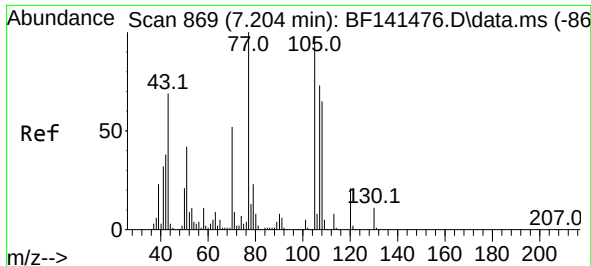
Tgt Ion:107 Resp: 189779
Ion Ratio Lower Upper
107 100
108 112.5 90.6 136.0
77 63.3 44.4 66.6
79 58.3 42.3 63.5



#18
Hexachloroethane
Concen: 41.502 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.018 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

Tgt Ion:117 Resp: 97139
Ion Ratio Lower Upper
117 100
119 95.5 76.5 114.7
201 97.3 76.7 115.1

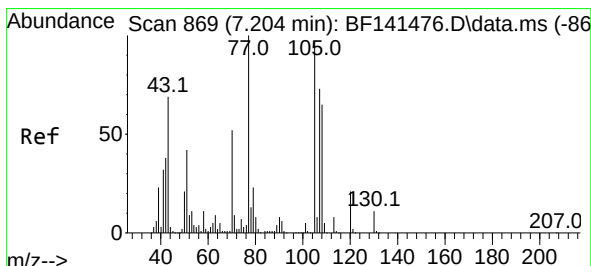
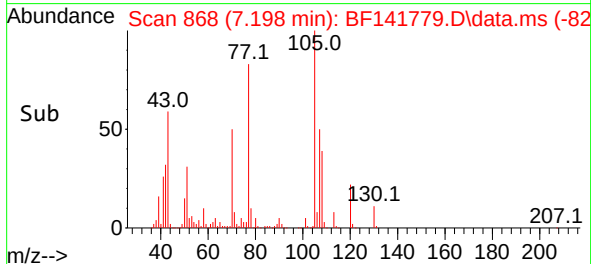
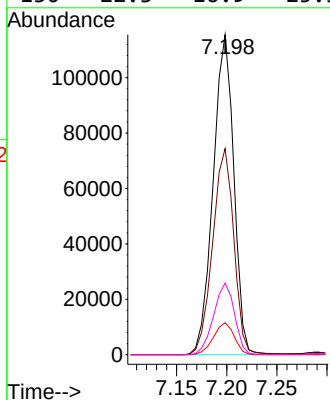
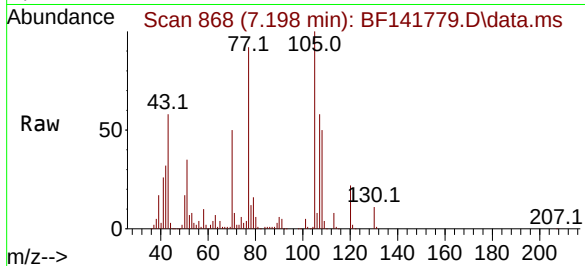




#19
n-Nitroso-di-n-propylamine
Concen: 40.326 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

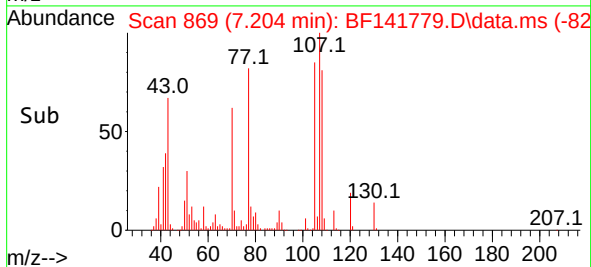
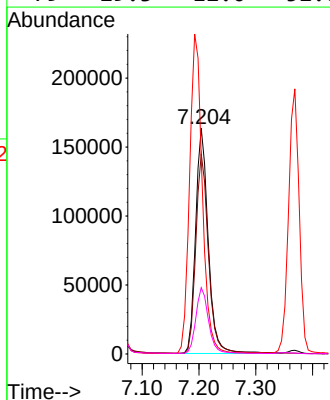
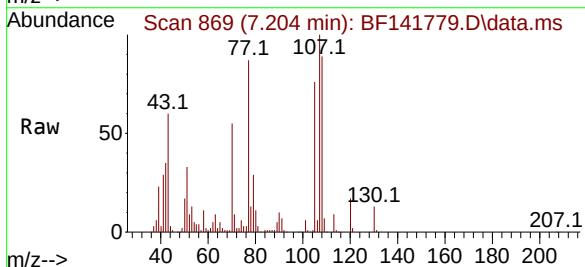
Instrument :
BNA_F
ClientSampleId :
PB166870BS

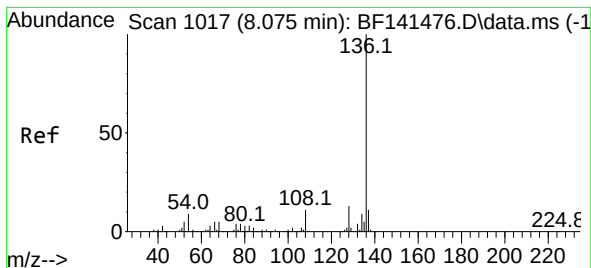
Tgt Ion: 70 Resp: 165435
Ion Ratio Lower Upper
70 100
42 64.4 57.4 86.2
101 10.0 8.0 12.0
130 22.3 16.9 25.3



#20
3+4-Methylphenols
Concen: 43.470 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

Tgt Ion: 107 Resp: 253481
Ion Ratio Lower Upper
107 100
108 88.7 68.5 108.5
77 86.9 116.5 156.5#
79 29.3 12.0 52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.063 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141779.D

Acq: 26 Feb 2025 13:26

Instrument :

BNA_F

ClientSampleId :

PB166870BS

Tgt Ion:136 Resp: 333608

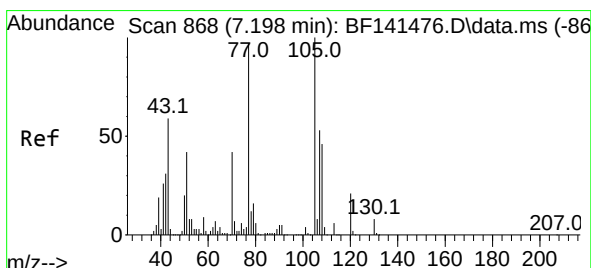
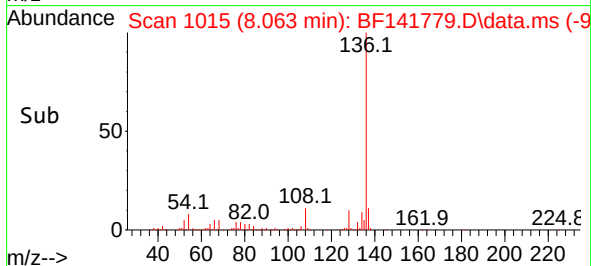
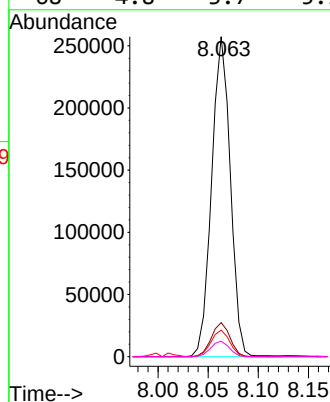
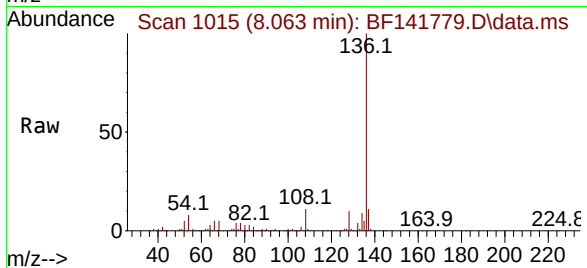
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 8.3 7.2 10.8

68 4.8 3.7 5.5



#22

Acetophenone

Concen: 45.584 ng

RT: 7.192 min Scan# 867

Delta R.T. -0.018 min

Lab File: BF141779.D

Acq: 26 Feb 2025 13:26

Tgt Ion:105 Resp: 378286

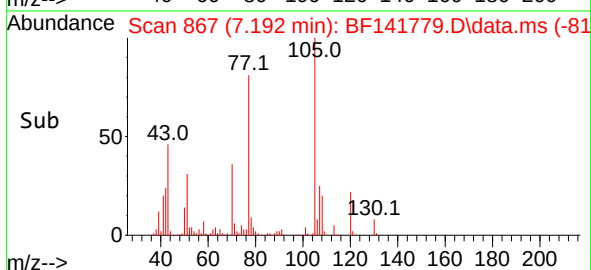
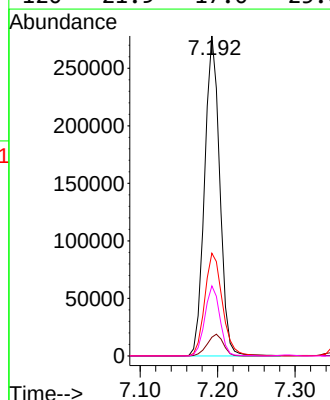
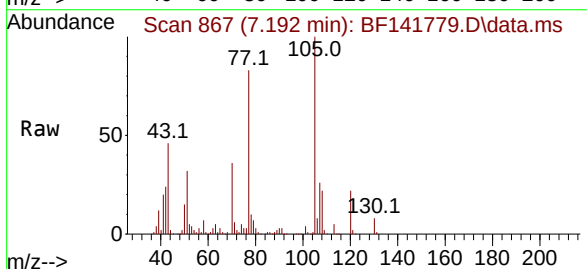
Ion Ratio Lower Upper

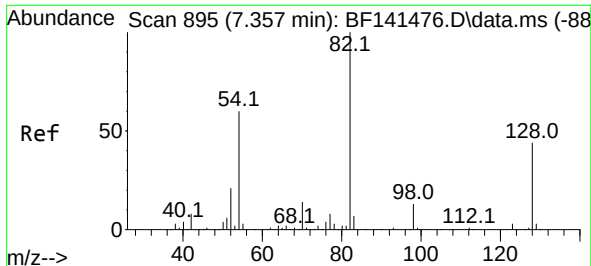
105 100

71 5.8 5.7 8.5

51 32.1 33.7 50.5#

120 21.9 17.0 25.6





#23

Nitrobenzene-d5

Concen: 84.258 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141779.D

Acq: 26 Feb 2025 13:26

Instrument :

BNA_F

ClientSampleId :

PB166870BS

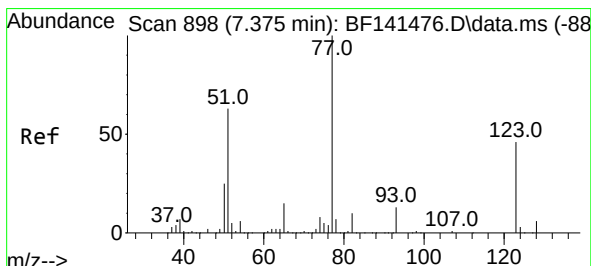
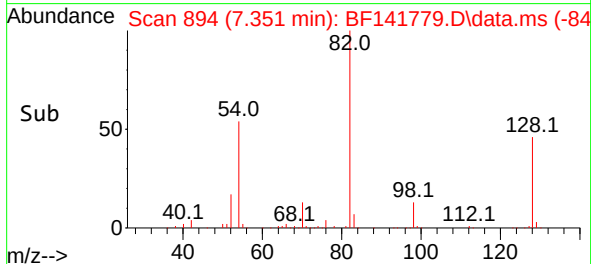
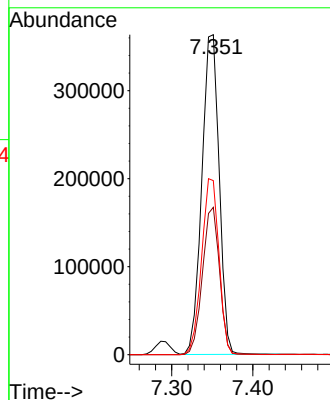
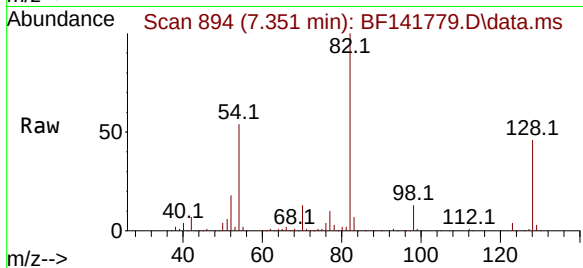
Tgt Ion: 82 Resp: 538922

Ion Ratio Lower Upper

82 100

128 46.0 34.8 52.2

54 54.4 48.2 72.4



#24

Nitrobenzene

Concen: 39.886 ng

RT: 7.369 min Scan# 897

Delta R.T. -0.012 min

Lab File: BF141779.D

Acq: 26 Feb 2025 13:26

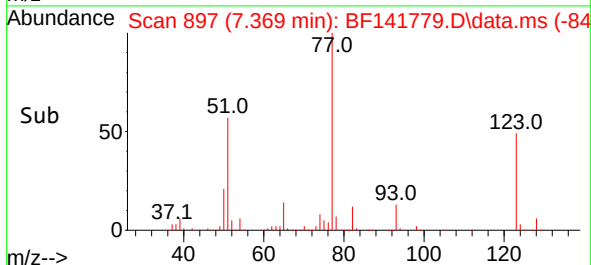
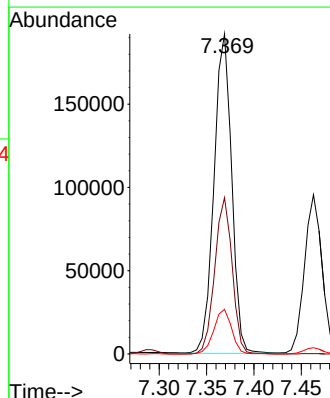
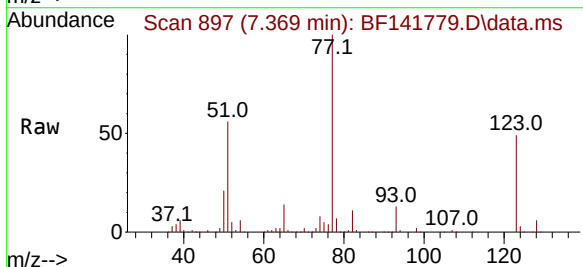
Tgt Ion: 77 Resp: 248767

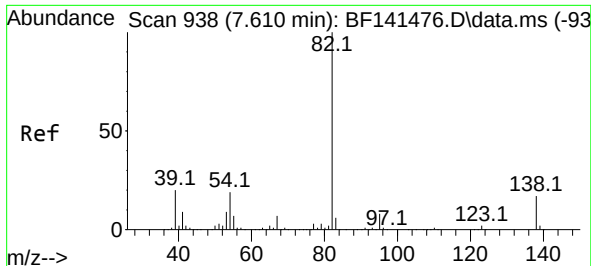
Ion Ratio Lower Upper

77 100

123 48.9 36.9 55.3

65 14.0 11.9 17.9

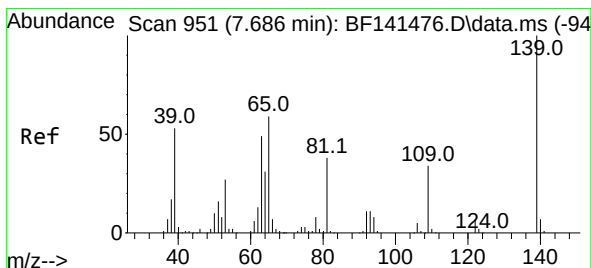
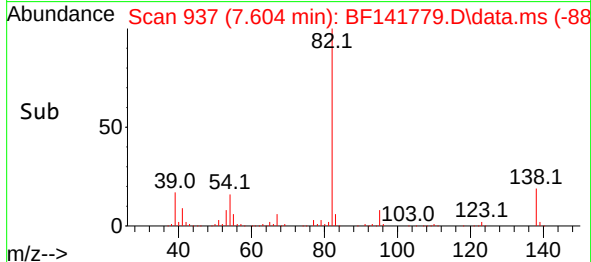
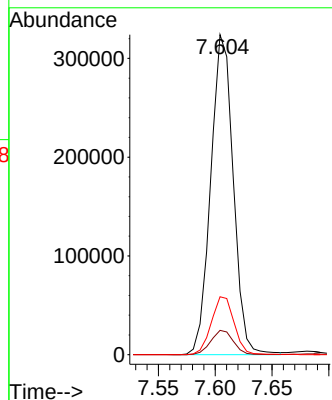
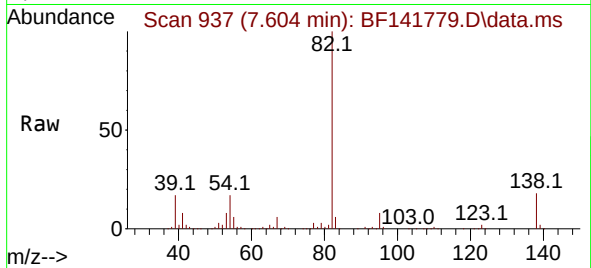




#25
Isophorone
Concen: 43.905 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

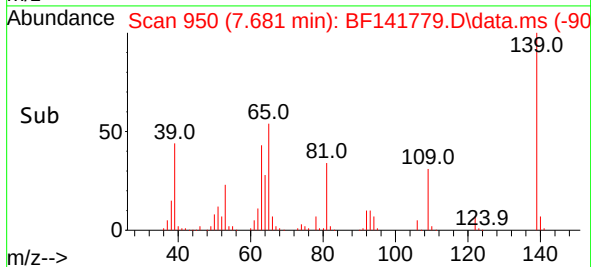
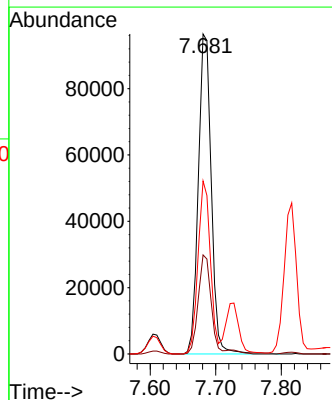
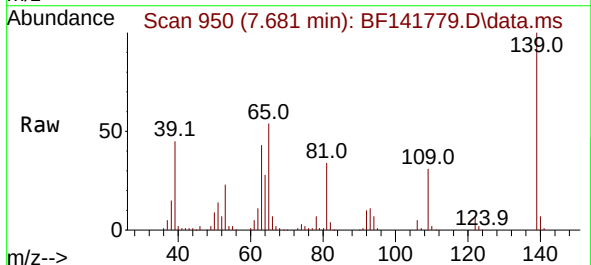
Instrument :
BNA_F
ClientSampleId :
PB166870BS

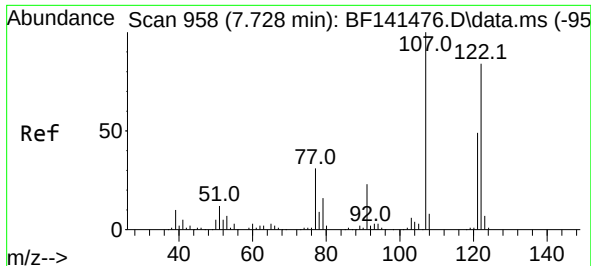
Tgt Ion: 82 Resp: 447759
Ion Ratio Lower Upper
82 100
95 7.6 6.4 9.6
138 18.1 13.9 20.9



#26
2-Nitrophenol
Concen: 42.826 ng
RT: 7.681 min Scan# 950
Delta R.T. -0.012 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

Tgt Ion:139 Resp: 132890
Ion Ratio Lower Upper
139 100
109 30.9 27.0 40.6
65 54.1 47.1 70.7

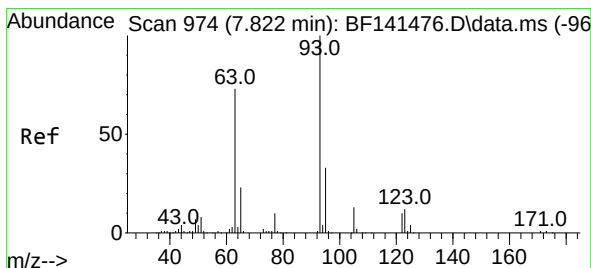
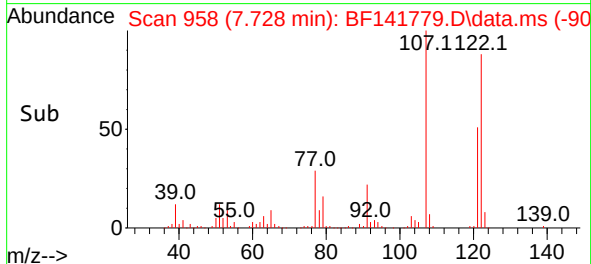
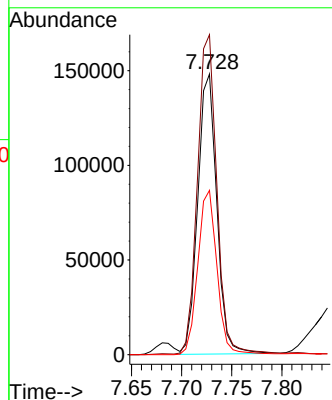
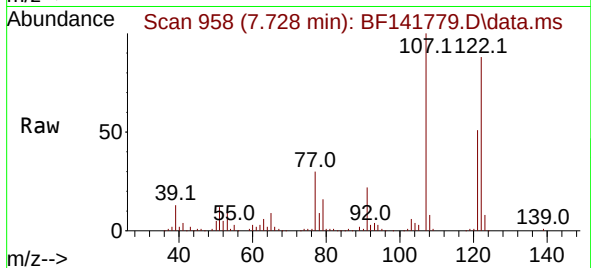




#27
2,4-Dimethylphenol
Concen: 54.051 ng
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

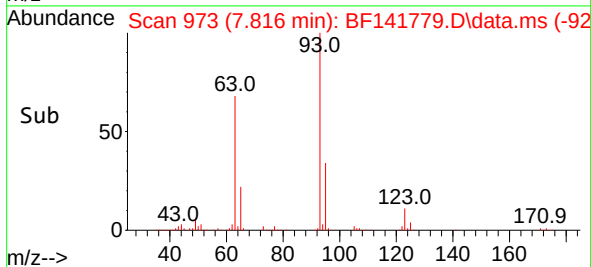
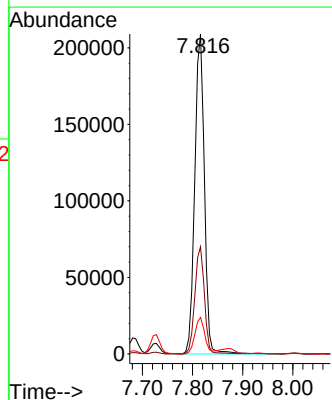
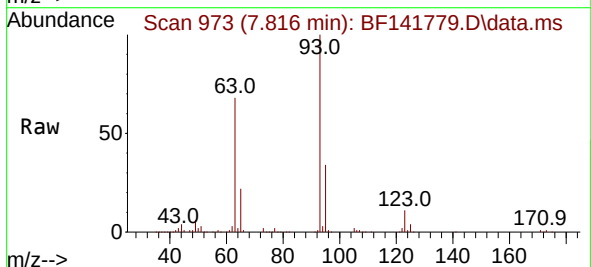
Instrument :
BNA_F
ClientSampleId :
PB166870BS

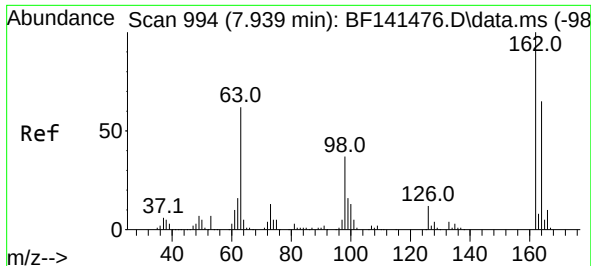
Tgt Ion:122 Resp: 195935
Ion Ratio Lower Upper
122 100
107 114.0 94.3 141.5
121 58.5 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 42.736 ng
RT: 7.816 min Scan# 973
Delta R.T. -0.012 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

Tgt Ion: 93 Resp: 279279
Ion Ratio Lower Upper
93 100
95 33.5 26.1 39.1
123 11.4 9.5 14.3

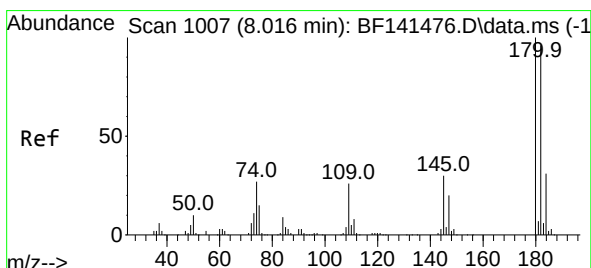
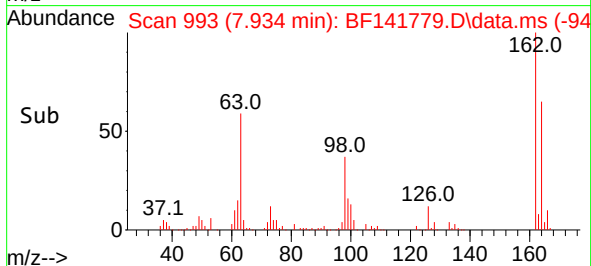
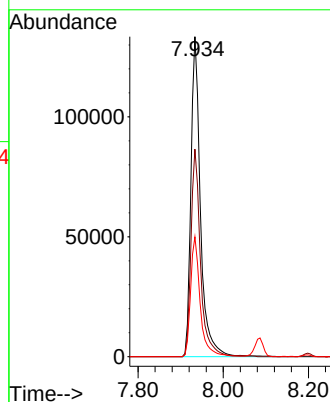
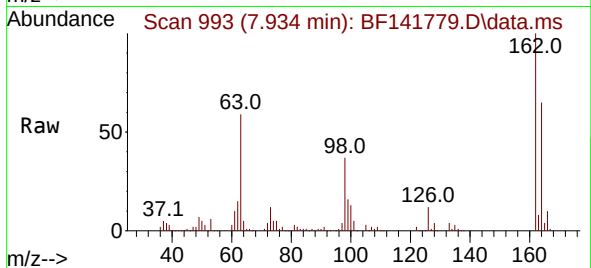




#29
2,4-Dichlorophenol
Concen: 42.435 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

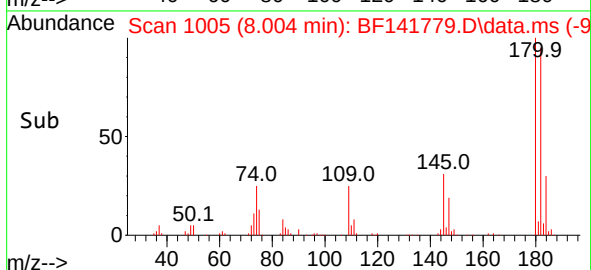
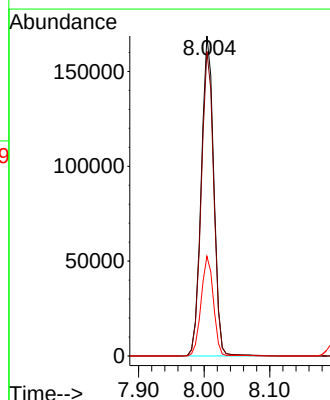
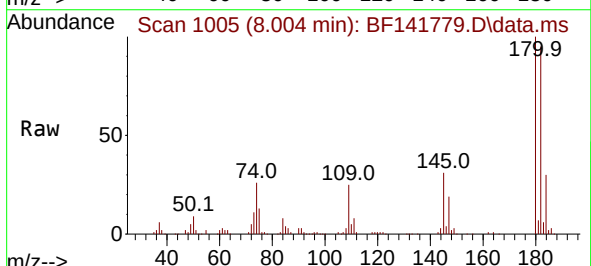
Instrument :
BNA_F
ClientSampleId :
PB166870BS

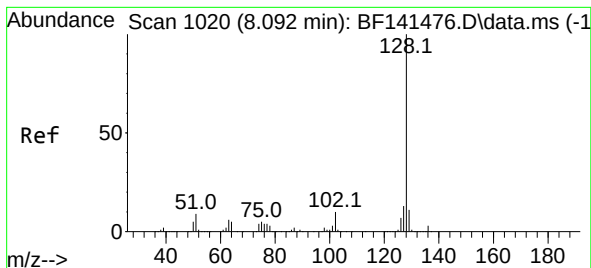
Tgt Ion:162 Resp: 207842
Ion Ratio Lower Upper
162 100
164 64.9 44.6 84.6
98 37.5 17.2 57.2



#30
1,2,4-Trichlorobenzene
Concen: 42.118 ng
RT: 8.004 min Scan# 1005
Delta R.T. -0.012 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

Tgt Ion:180 Resp: 224642
Ion Ratio Lower Upper
180 100
182 95.2 76.8 115.2
145 31.1 24.2 36.4





#31

Naphthalene

Concen: 40.982 ng

RT: 8.086 min Scan# 1019

Delta R.T. -0.012 min

Lab File: BF141779.D

Acq: 26 Feb 2025 13:26

Instrument :

BNA_F

ClientSampleId :

PB166870BS

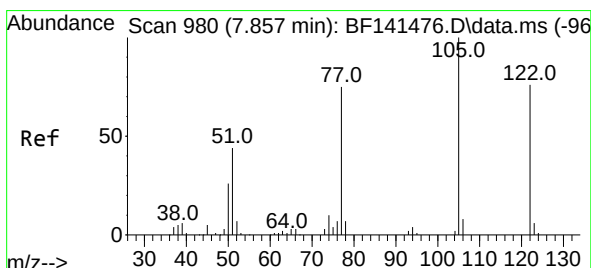
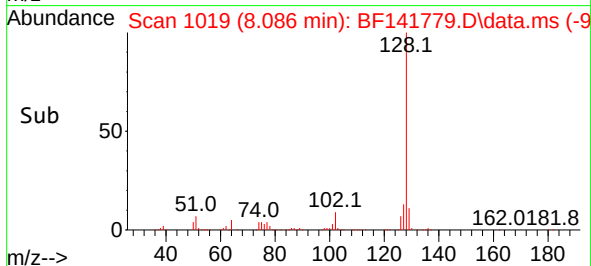
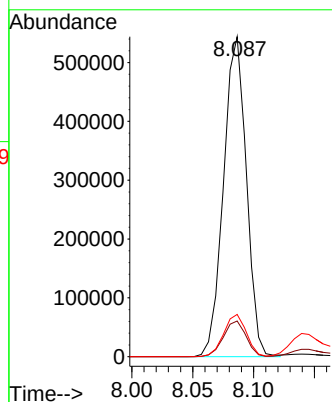
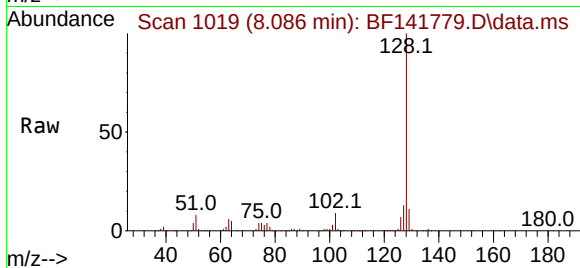
Tgt Ion:128 Resp: 711676

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

127 13.2 10.7 16.1



#32

Benzoic acid

Concen: 35.134 ng

RT: 7.875 min Scan# 983

Delta R.T. -0.018 min

Lab File: BF141779.D

Acq: 26 Feb 2025 13:26

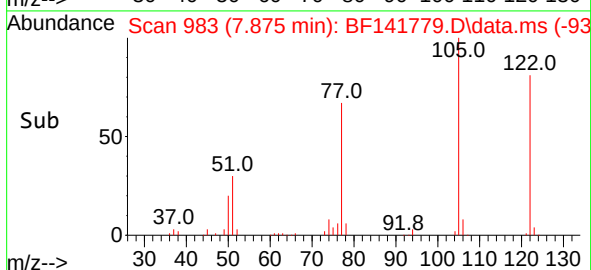
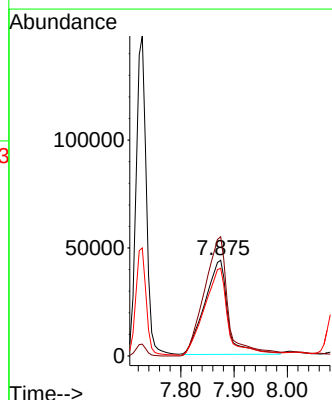
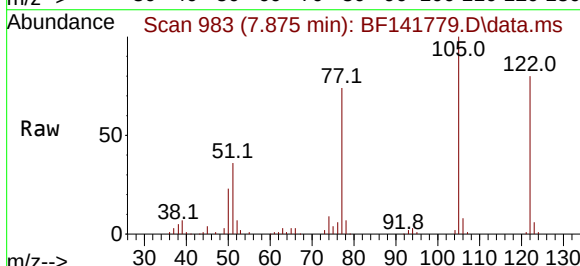
Tgt Ion:122 Resp: 132290

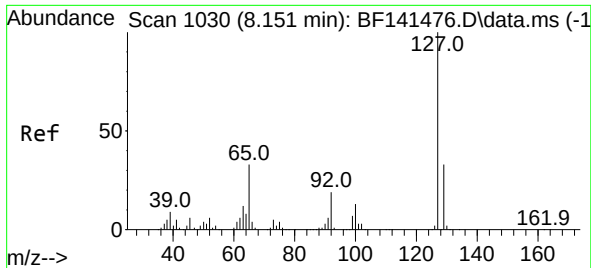
Ion Ratio Lower Upper

122 100

105 124.5 106.5 146.5

77 91.6 76.3 116.3

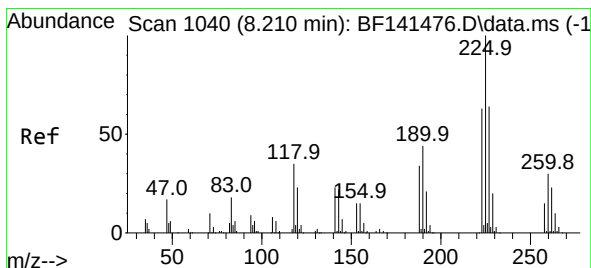
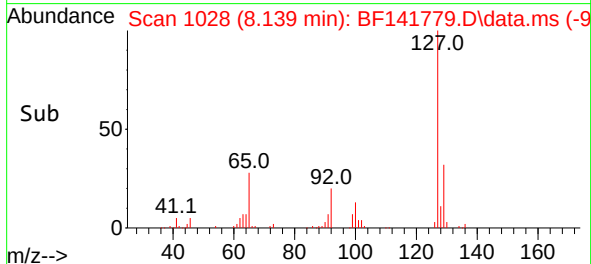
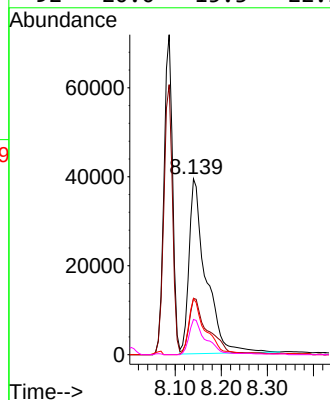
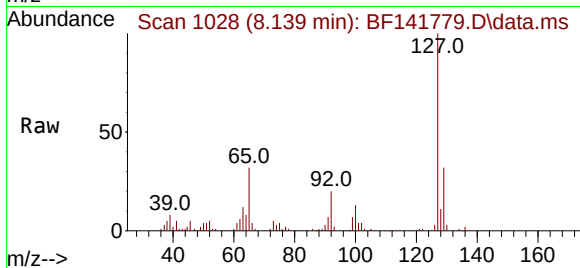




#33
4-Chloroaniline
Concen: 16.485 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.018 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

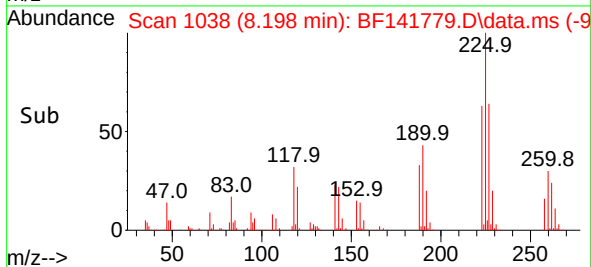
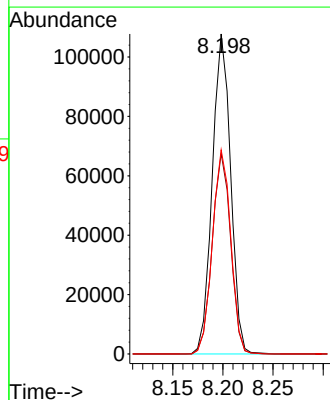
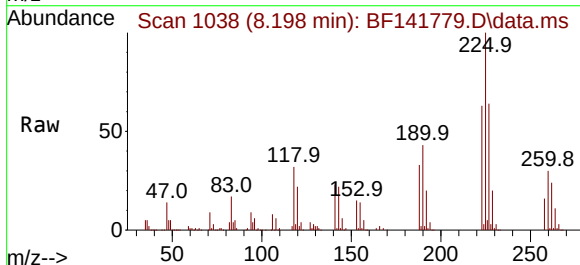
Instrument :
BNA_F
ClientSampleId :
PB166870BS

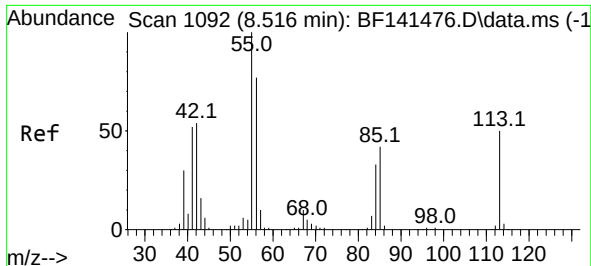
Tgt Ion:	127	Resp:	99947
Ion Ratio	Lower	Upper	
127	100		
129	32.1	26.5	39.7
65	32.0	26.4	39.6
92	20.0	15.3	22.9



#34
Hexachlorobutadiene
Concen: 42.882 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.012 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

Tgt Ion:	225	Resp:	137306
Ion Ratio	Lower	Upper	
225	100		
223	62.6	50.1	75.1
227	63.8	51.0	76.6

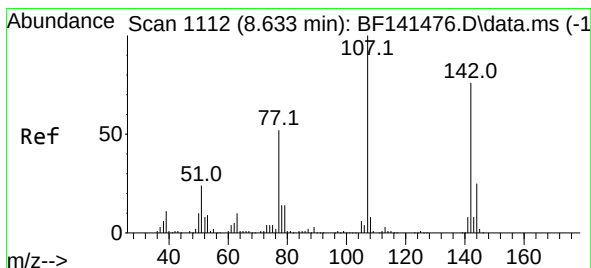
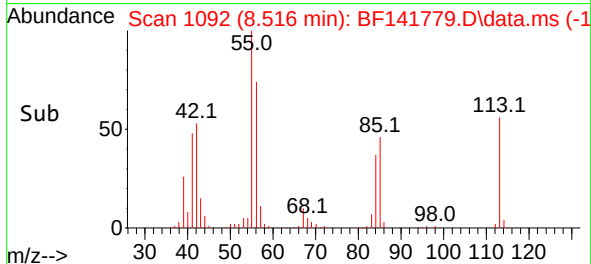
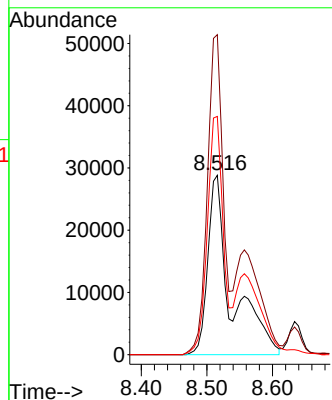
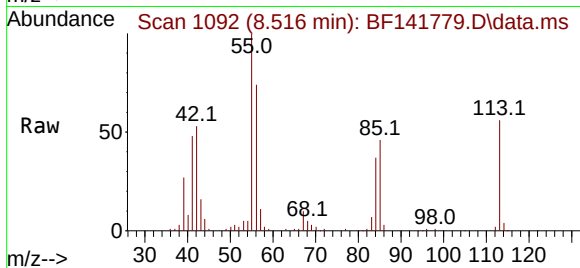




#35
 Caprolactam
 Concen: 48.282 ng m
 RT: 8.516 min Scan# 1092
 Delta R.T. -0.029 min
 Lab File: BF141779.D
 Acq: 26 Feb 2025 13:26

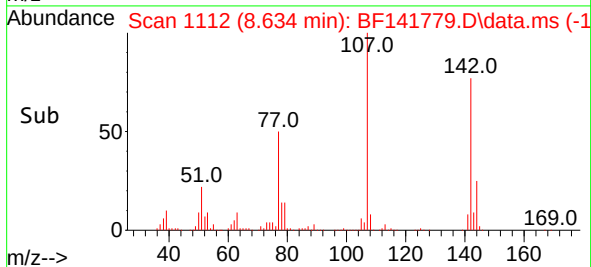
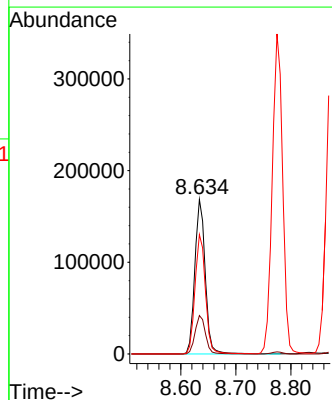
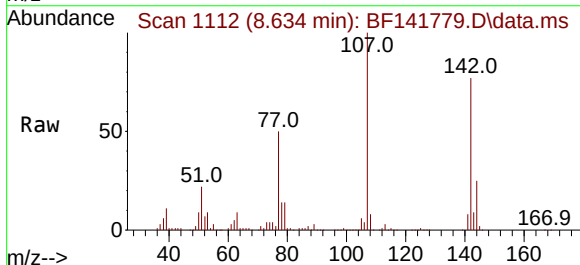
Instrument :
 BNA_F
 ClientSampleId :
 PB166870BS

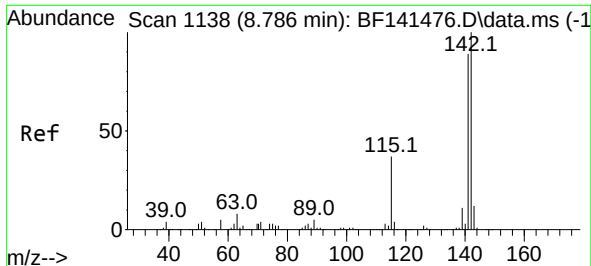
Tgt Ion:113 Resp: 72001
 Ion Ratio Lower Upper
 113 100
 55 178.3 180.8 220.8#
 56 132.8 133.6 173.6#



#36
 4-Chloro-3-methylphenol
 Concen: 40.867 ng
 RT: 8.634 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF141779.D
 Acq: 26 Feb 2025 13:26

Tgt Ion:107 Resp: 221721
 Ion Ratio Lower Upper
 107 100
 144 24.9 19.7 29.5
 142 77.2 60.8 91.2

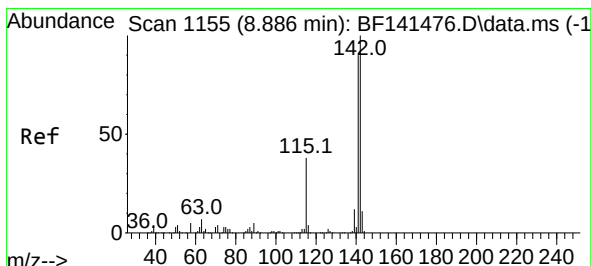
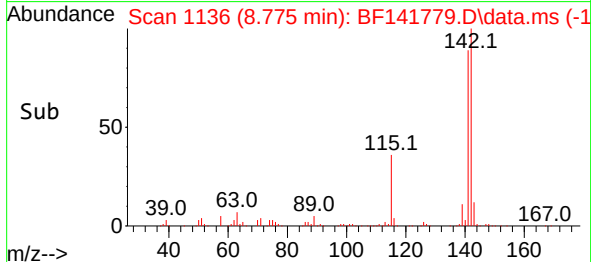
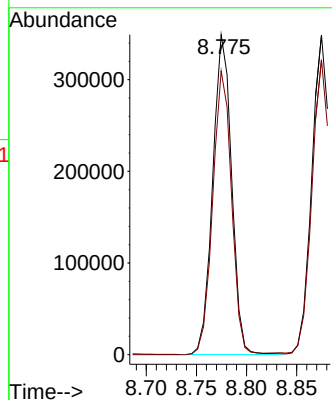
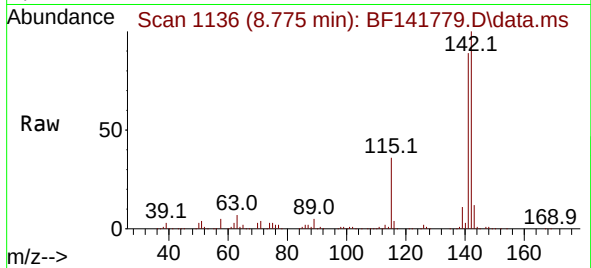




#37
2-Methylnaphthalene
Concen: 40.394 ng
RT: 8.775 min Scan# 1136
Delta R.T. -0.012 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

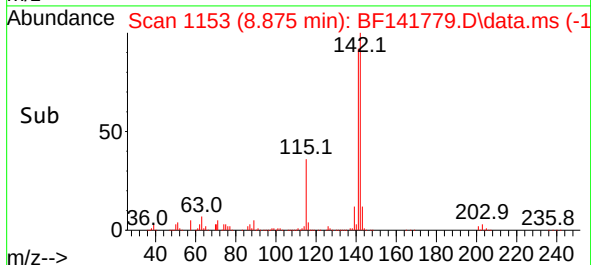
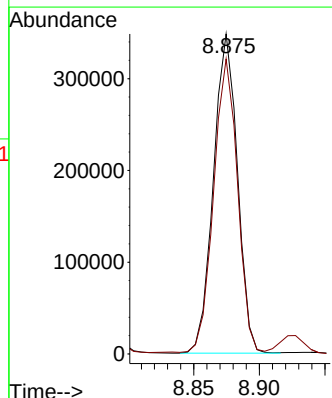
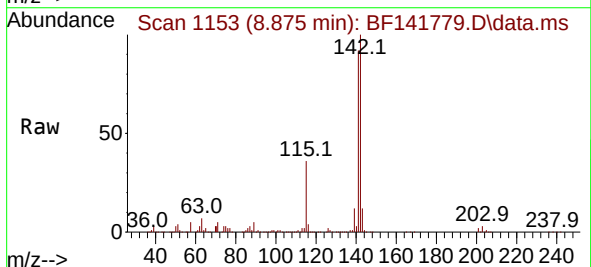
Instrument :
BNA_F
ClientSampleId :
PB166870BS

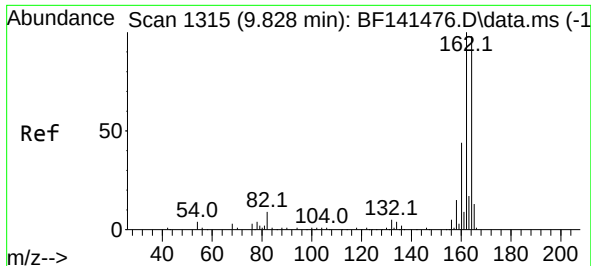
Tgt Ion:142 Resp: 456469
Ion Ratio Lower Upper
142 100
141 88.7 71.2 106.8



#38
1-Methylnaphthalene
Concen: 40.415 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.012 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

Tgt Ion:142 Resp: 442325
Ion Ratio Lower Upper
142 100
141 92.2 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF141779.D

Acq: 26 Feb 2025 13:26

Instrument :

BNA_F

ClientSampleId :

PB166870BS

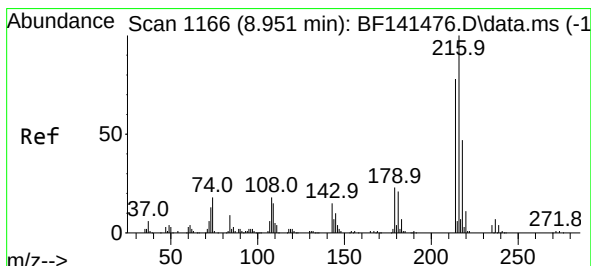
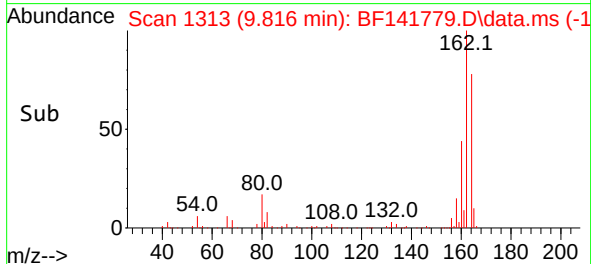
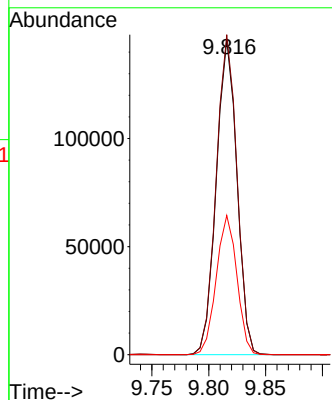
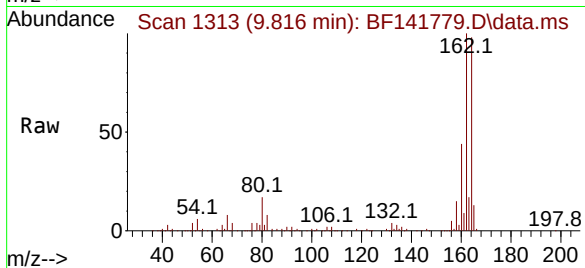
Tgt Ion:164 Resp: 184169

Ion Ratio Lower Upper

164 100

162 101.7 81.3 121.9

160 44.3 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.850 ng

RT: 8.945 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF141779.D

Acq: 26 Feb 2025 13:26

Tgt Ion:216 Resp: 249629

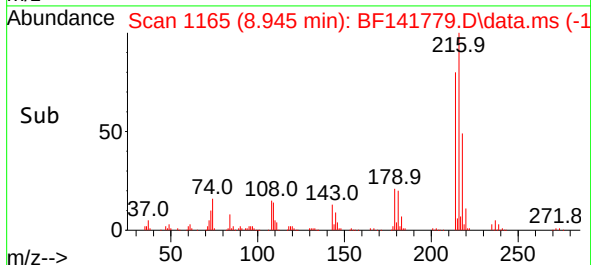
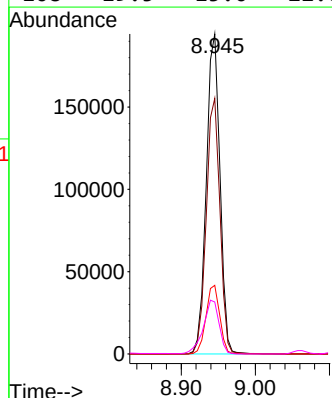
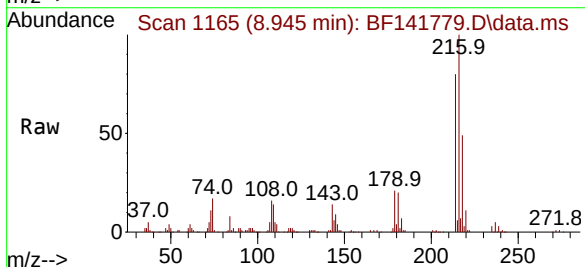
Ion Ratio Lower Upper

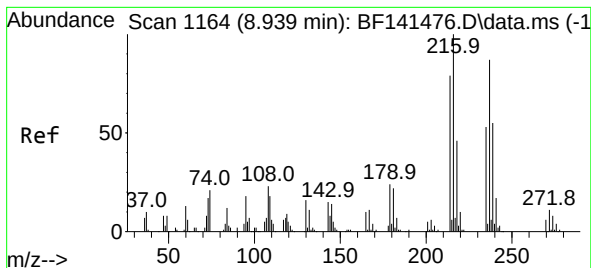
216 100

214 80.0 62.3 93.5

179 21.6 18.0 27.0

108 19.5 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 120.959 ng

RT: 8.928 min Scan# 1162

Delta R.T. -0.012 min

Lab File: BF141779.D

Acq: 26 Feb 2025 13:26

Instrument :

BNA_F

ClientSampleId :

PB166870BS

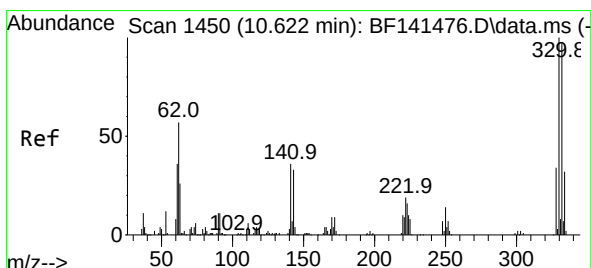
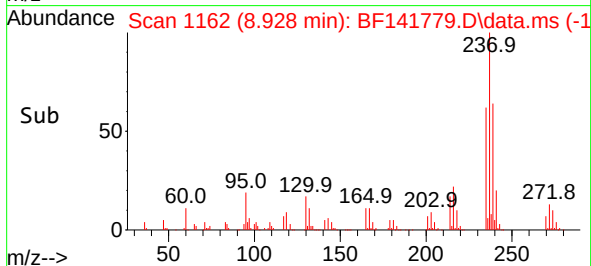
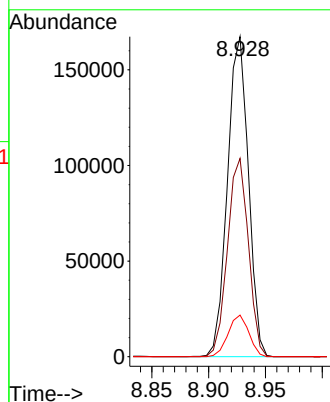
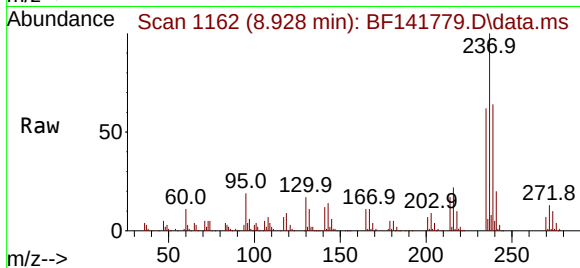
Tgt Ion:237 Resp: 214365

Ion Ratio Lower Upper

237 100

235 61.9 41.4 81.4

272 13.0 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 132.037 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.018 min

Lab File: BF141779.D

Acq: 26 Feb 2025 13:26

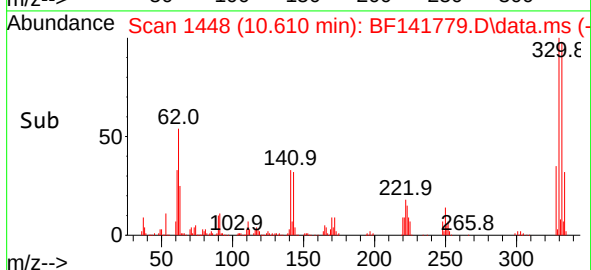
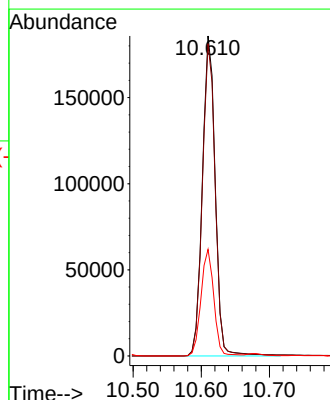
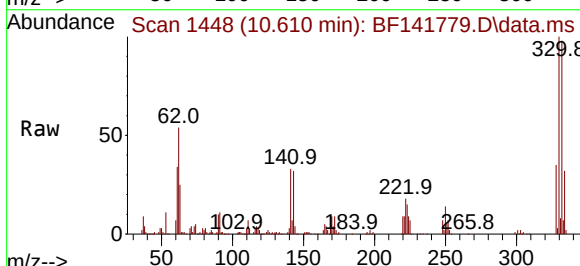
Tgt Ion:330 Resp: 244277

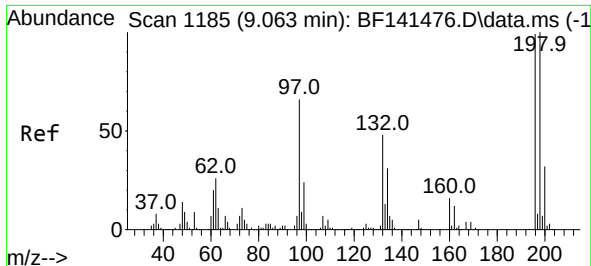
Ion Ratio Lower Upper

330 100

332 97.8 78.5 117.7

141 33.2 31.0 46.4

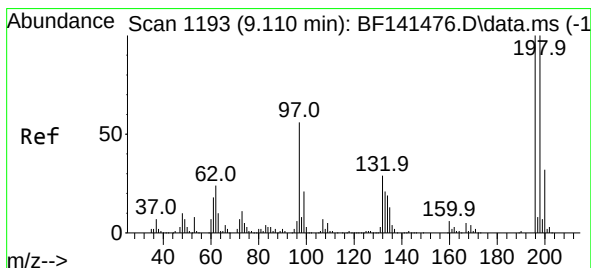
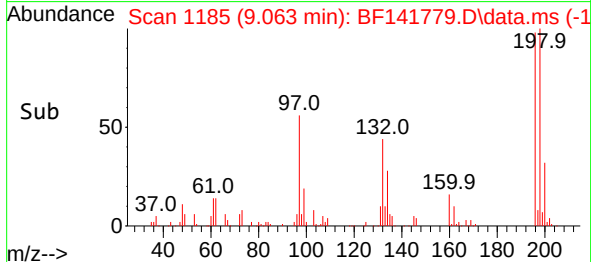
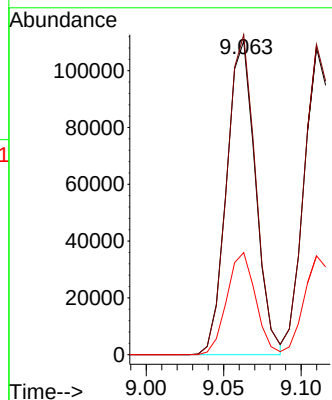
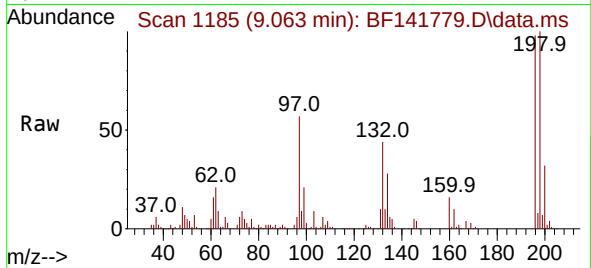




#43
2,4,6-Trichlorophenol
Concen: 41.572 ng
RT: 9.063 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

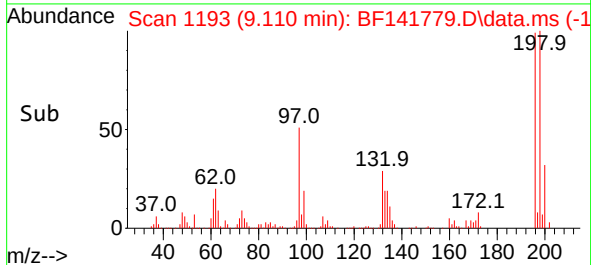
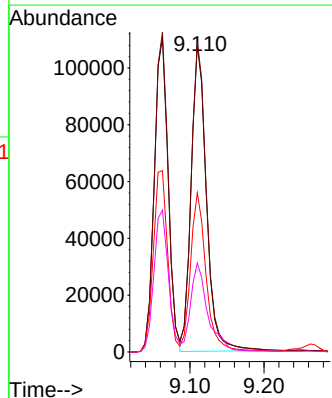
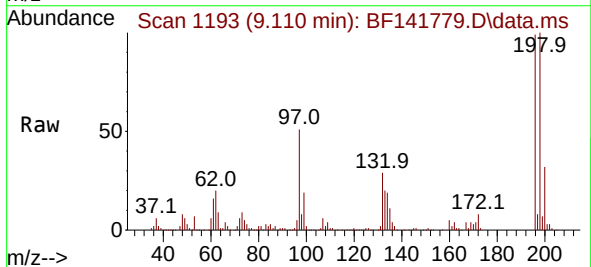
Instrument :
BNA_F
ClientSampleId :
PB166870BS

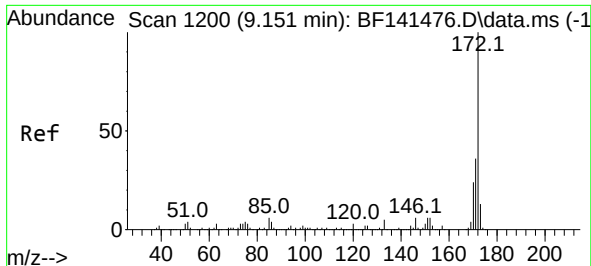
Tgt Ion:196 Resp: 143163
Ion Ratio Lower Upper
196 100
198 102.0 80.6 121.0
200 32.6 25.5 38.3



#44
2,4,5-Trichlorophenol
Concen: 41.382 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

Tgt Ion:196 Resp: 154444
Ion Ratio Lower Upper
196 100
198 101.1 79.8 119.8
97 51.9 44.8 67.2
132 29.0 23.9 35.9

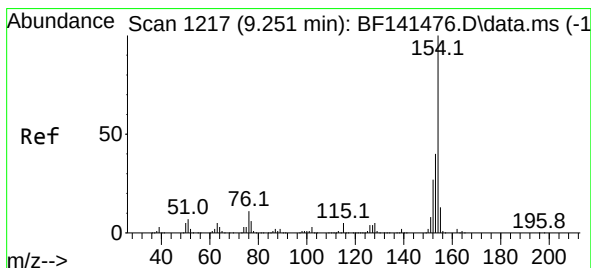
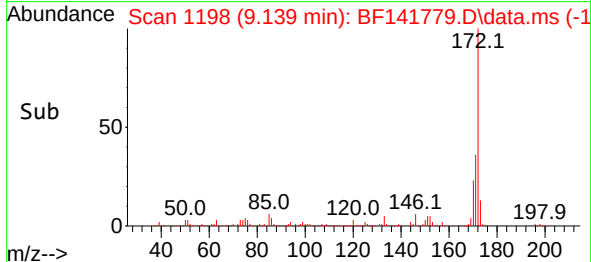
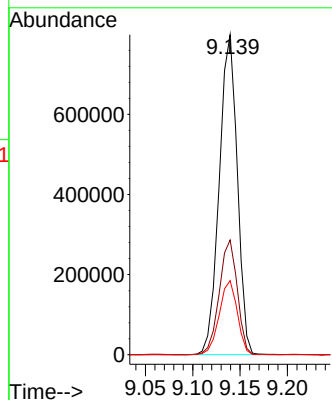
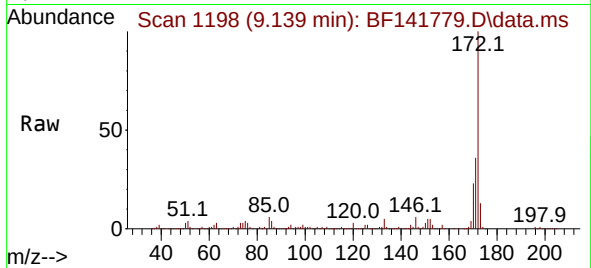




#45
2-Fluorobiphenyl
Concen: 88.661 ng
RT: 9.139 min Scan# 1118
Delta R.T. -0.012 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

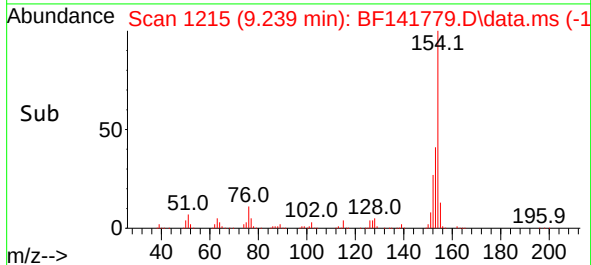
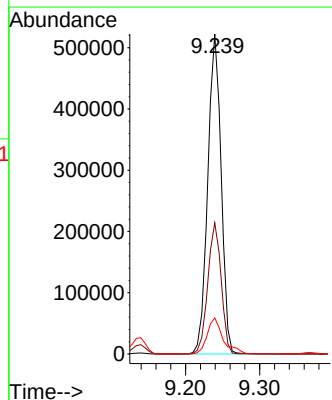
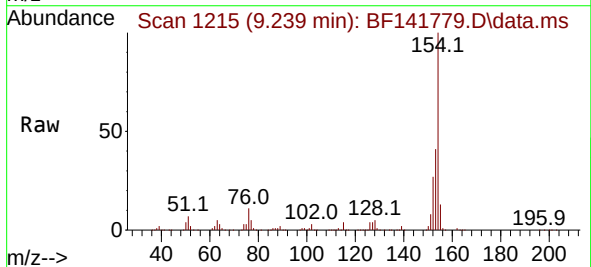
Instrument :
BNA_F
ClientSampleId :
PB166870BS

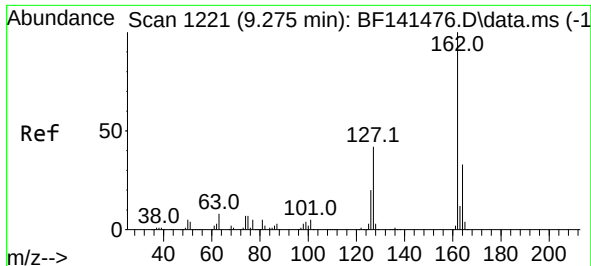
Tgt Ion:172 Resp: 1059860
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 23.1 18.9 28.3



#46
1,1'-Biphenyl
Concen: 45.913 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.018 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

Tgt Ion:154 Resp: 655552
Ion Ratio Lower Upper
154 100
153 41.0 20.4 60.4
76 11.3 0.0 30.8

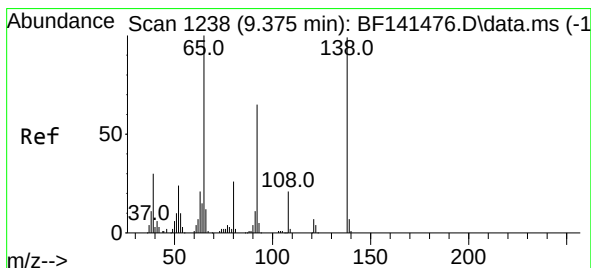
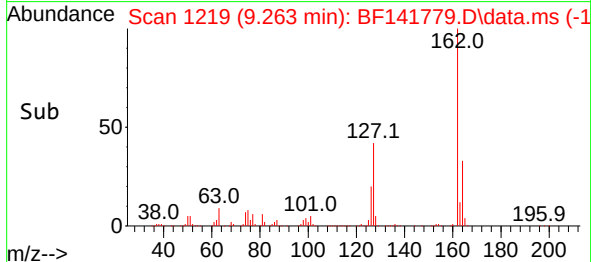
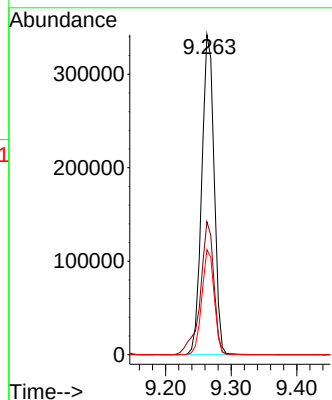
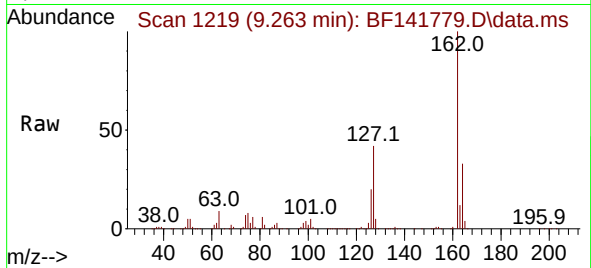




#47
2-Chloronaphthalene
Concen: 42.675 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

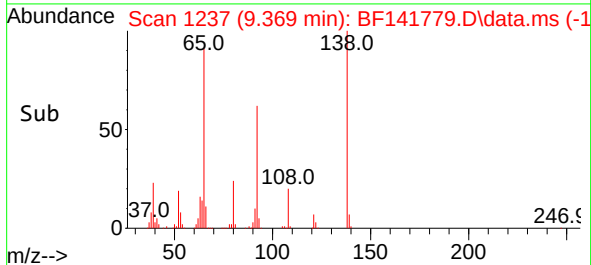
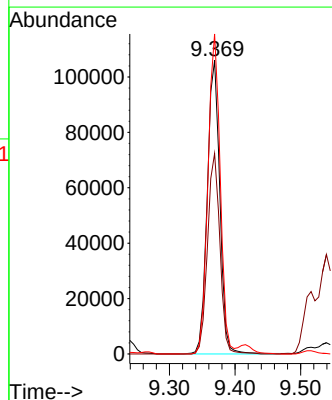
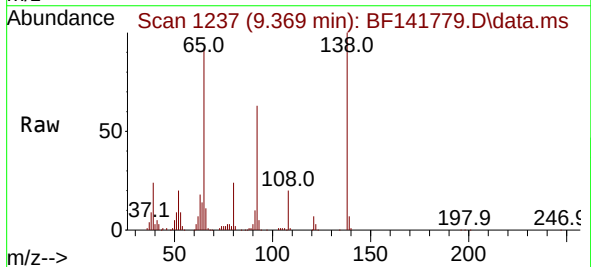
Instrument :
BNA_F
ClientSampleId :
PB166870BS

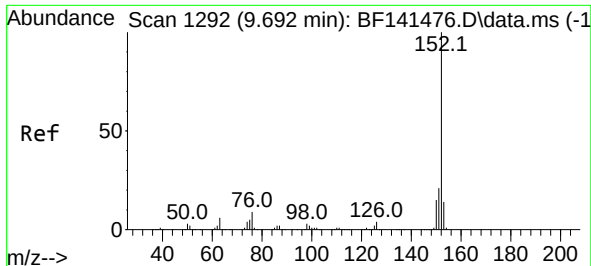
Tgt Ion:162 Resp: 450581
Ion Ratio Lower Upper
162 100
127 41.6 34.1 51.1
164 32.8 26.3 39.5



#48
2-Nitroaniline
Concen: 39.872 ng
RT: 9.369 min Scan# 1237
Delta R.T. -0.012 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

Tgt Ion: 65 Resp: 141281
Ion Ratio Lower Upper
65 100
92 68.3 52.2 78.2
138 109.0 79.5 119.3





#49

Acenaphthylene

Concen: 44.521 ng

RT: 9.681 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141779.D

Acq: 26 Feb 2025 13:26

Instrument :

BNA_F

ClientSampleId :

PB166870BS

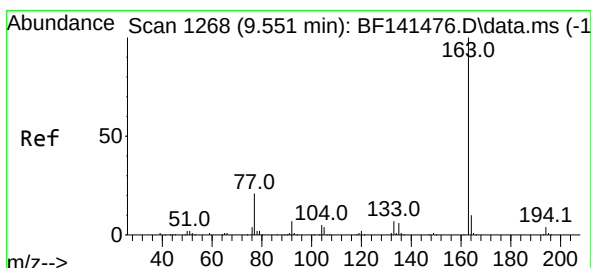
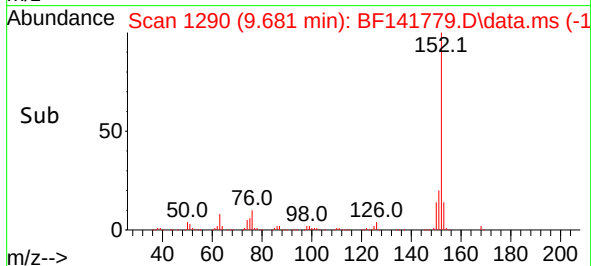
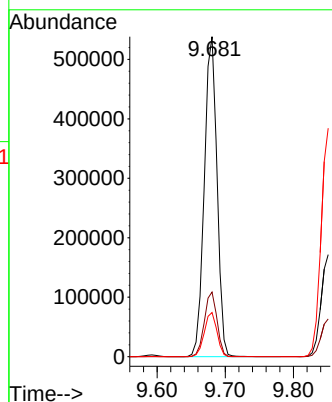
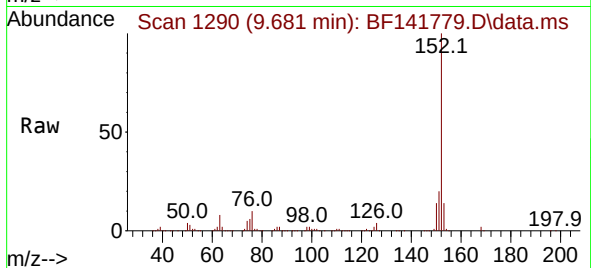
Tgt Ion:152 Resp: 699167

Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6

153 13.8 10.9 16.3



#50

Dimethylphthalate

Concen: 43.783 ng

RT: 9.539 min Scan# 1266

Delta R.T. -0.023 min

Lab File: BF141779.D

Acq: 26 Feb 2025 13:26

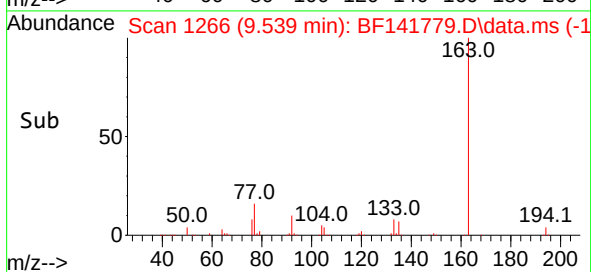
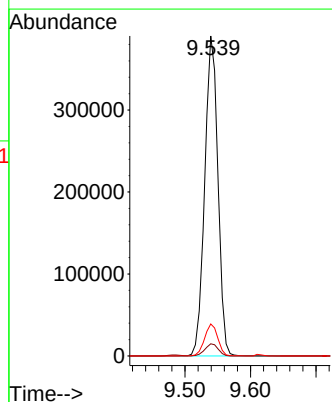
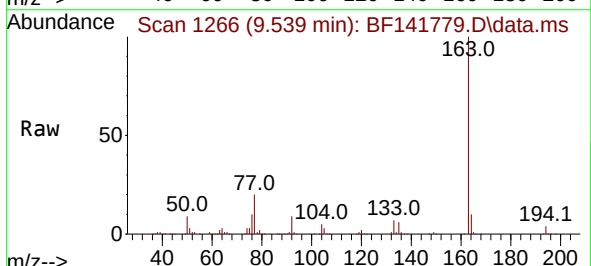
Tgt Ion:163 Resp: 547408

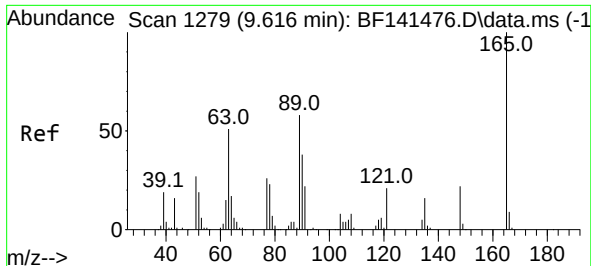
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 10.0 7.9 11.9

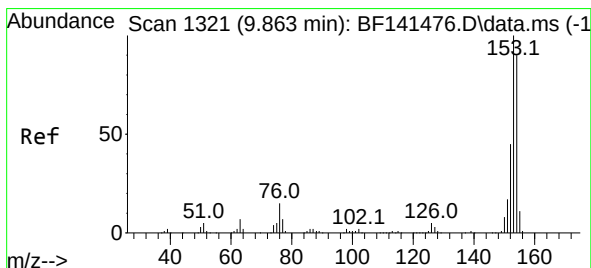
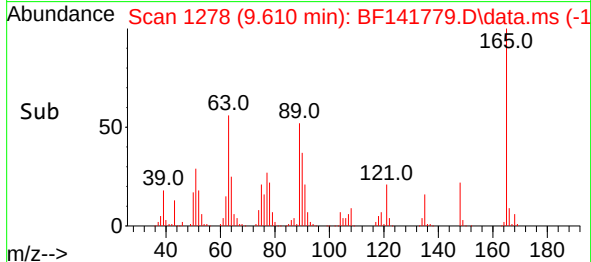
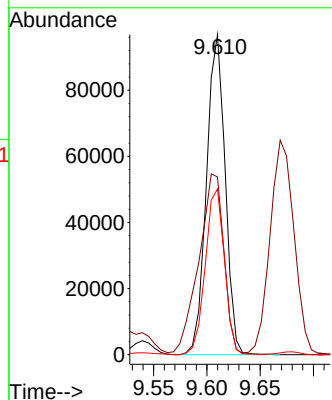
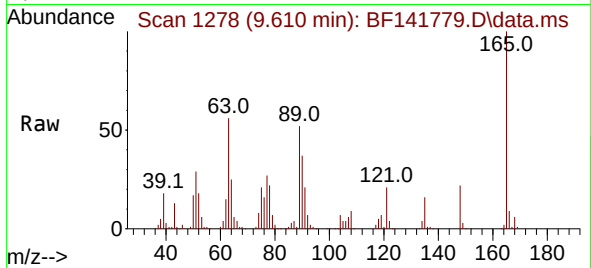




#51
2,6-Dinitrotoluene
Concen: 43.357 ng
RT: 9.610 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

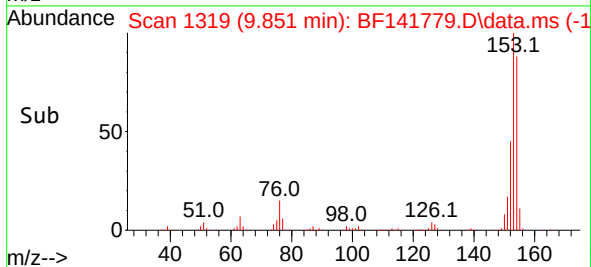
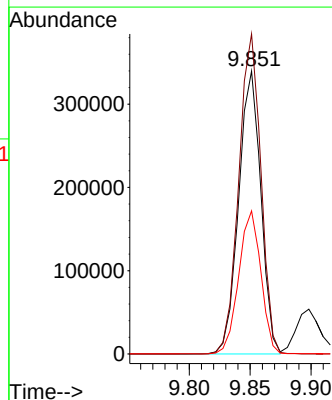
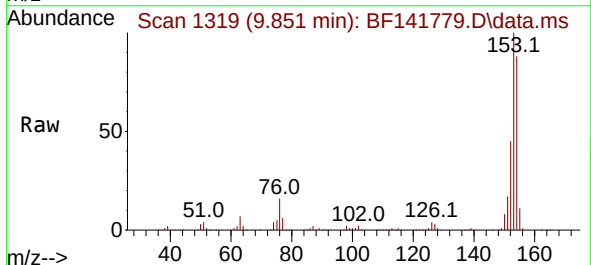
Instrument :
BNA_F
ClientSampleId :
PB166870BS

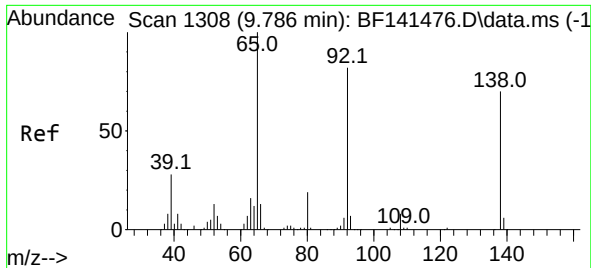
Tgt Ion:165 Resp: 118503
Ion Ratio Lower Upper
165 100
63 55.5 49.4 74.0
89 51.8 46.5 69.7



#52
Acenaphthene
Concen: 40.813 ng
RT: 9.851 min Scan# 1319
Delta R.T. -0.018 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

Tgt Ion:154 Resp: 430902
Ion Ratio Lower Upper
154 100
153 113.1 89.2 133.8
152 50.5 39.8 59.8

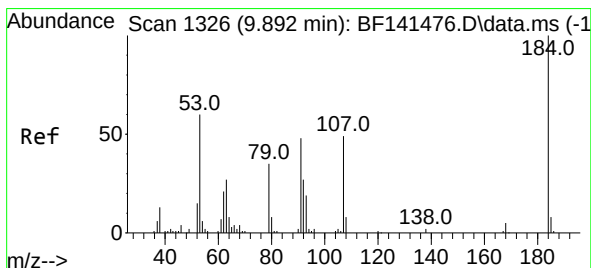
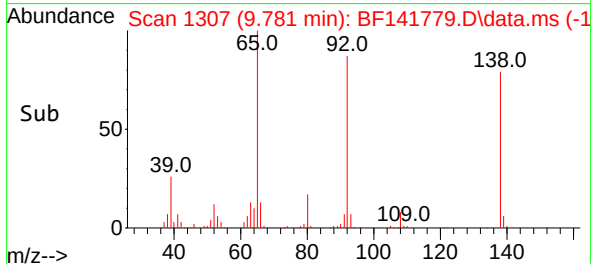
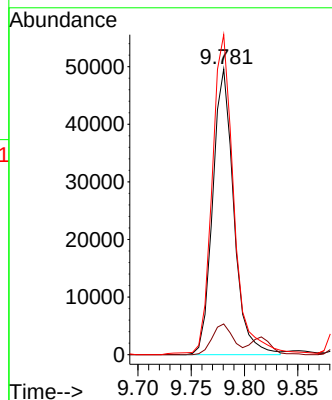
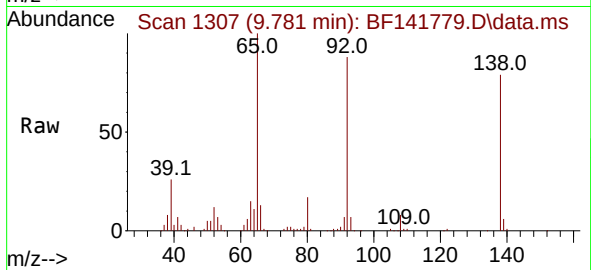




#53
3-Nitroaniline
Concen: 23.166 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

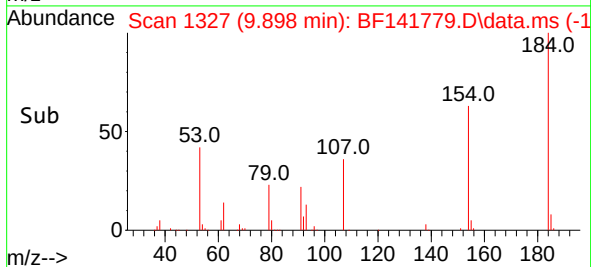
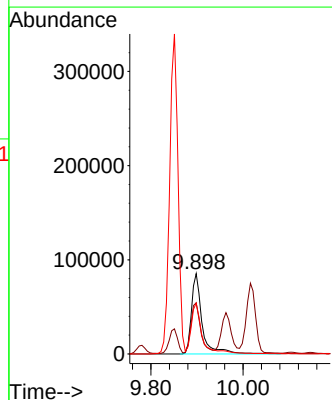
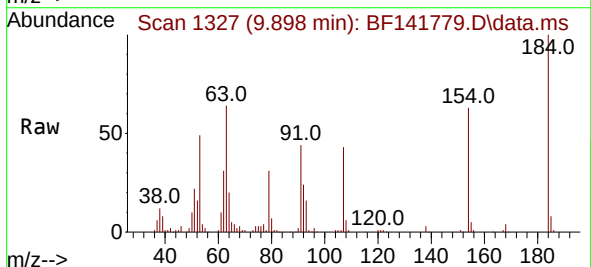
Instrument :
BNA_F
ClientSampleId :
PB166870BS

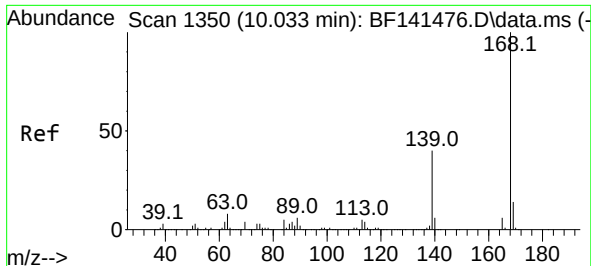
Tgt Ion:138 Resp: 68149
Ion Ratio Lower Upper
138 100
108 10.8 9.0 13.4
92 112.0 93.7 140.5



#54
2,4-Dinitrophenol
Concen: 84.617 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

Tgt Ion:184 Resp: 137452
Ion Ratio Lower Upper
184 100
63 63.7 61.0 91.6
154 63.2 59.9 89.9

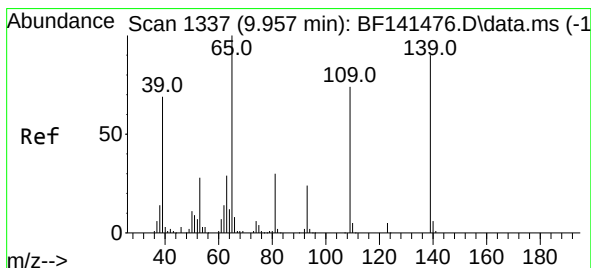
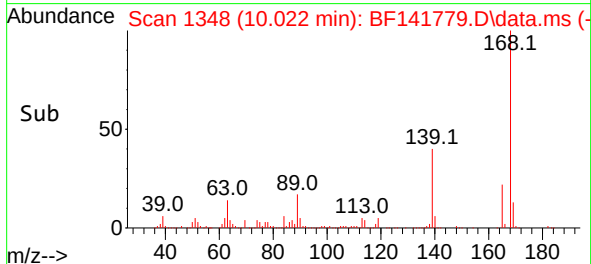
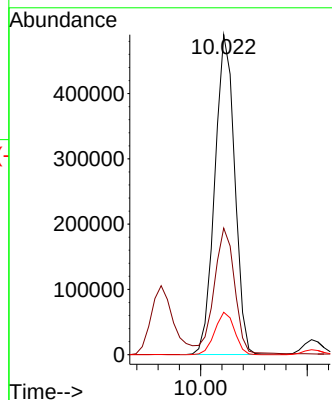
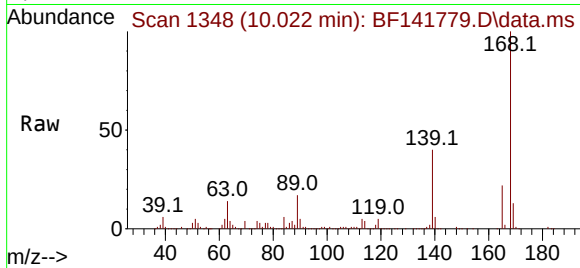




#55
Dibenzenofuran
Concen: 40.858 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

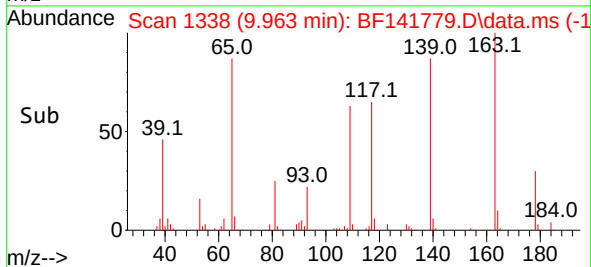
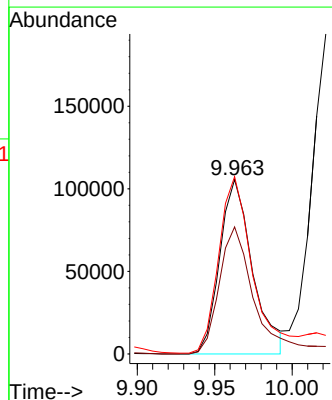
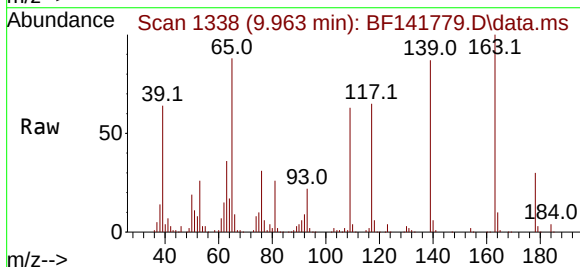
Instrument :
BNA_F
ClientSampleId :
PB166870BS

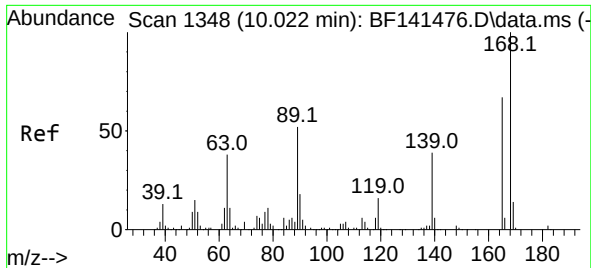
Tgt Ion:168 Resp: 633174
Ion Ratio Lower Upper
168 100
139 39.5 32.7 49.1
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 70.904 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

Tgt Ion:139 Resp: 154836
Ion Ratio Lower Upper
139 100
109 72.9 62.0 102.0
65 101.7 91.2 131.2

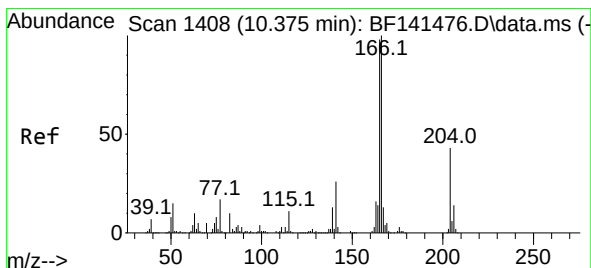
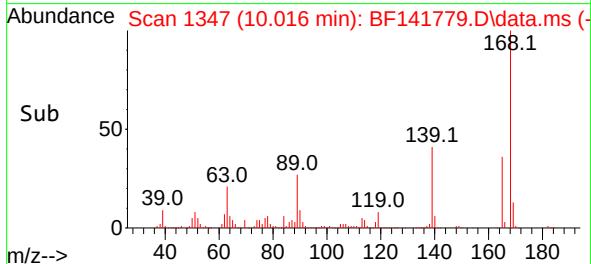
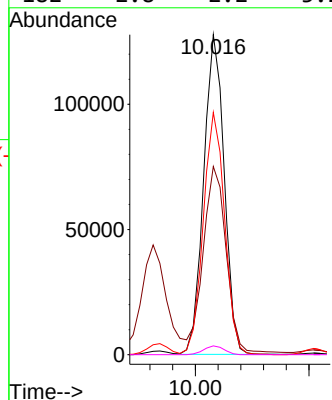
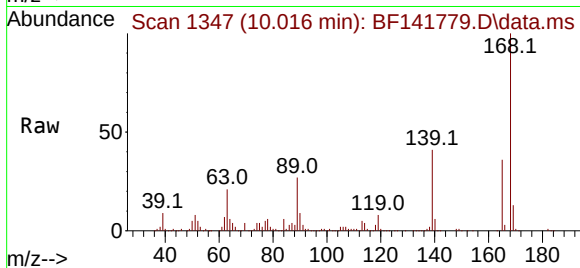




#57
2,4-Dinitrotoluene
Concen: 44.038 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

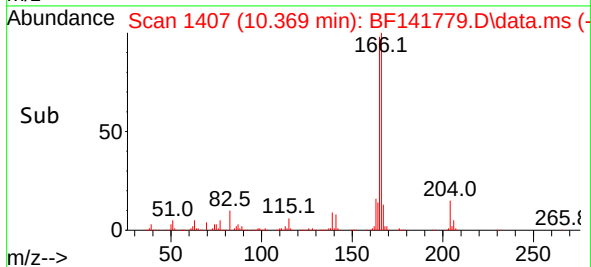
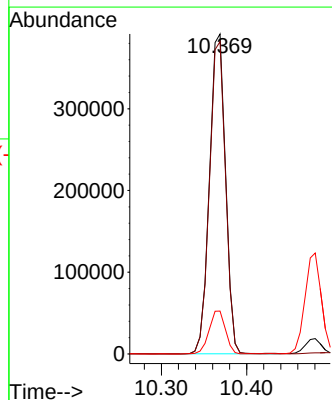
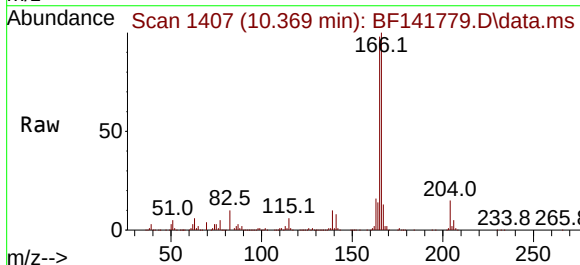
Instrument :
BNA_F
ClientSampleId :
PB166870BS

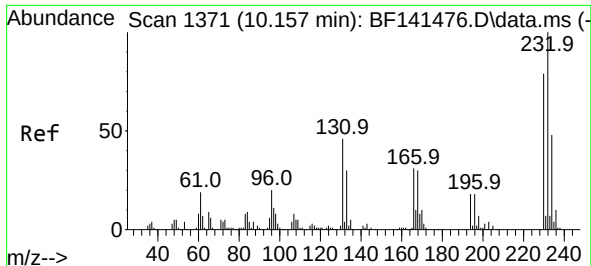
Tgt Ion:165 Resp: 160235
Ion Ratio Lower Upper
165 100
63 58.8 46.4 69.6
89 75.7 61.8 92.6
182 2.8 2.2 3.2



#58
Fluorene
Concen: 42.772 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.012 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

Tgt Ion:166 Resp: 512509
Ion Ratio Lower Upper
166 100
165 97.6 78.2 117.2
167 13.4 10.7 16.1

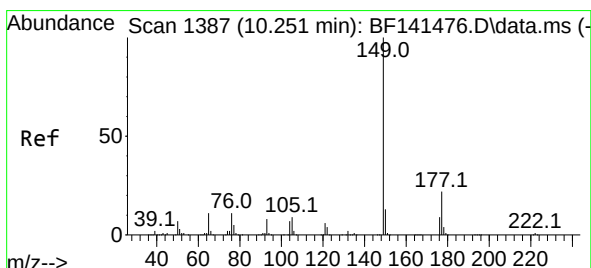
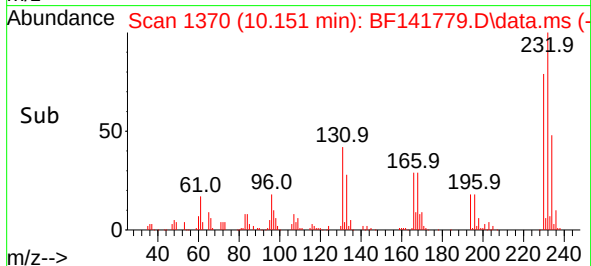
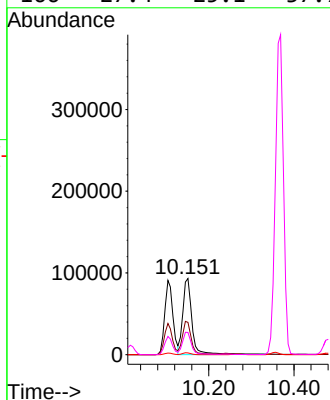
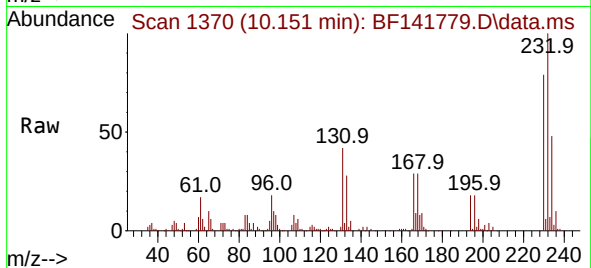




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.239 ng
RT: 10.151 min Scan# 1370
Delta R.T. -0.012 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

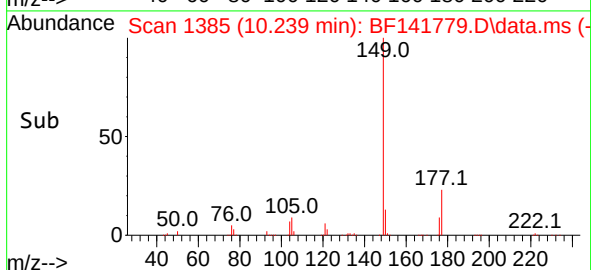
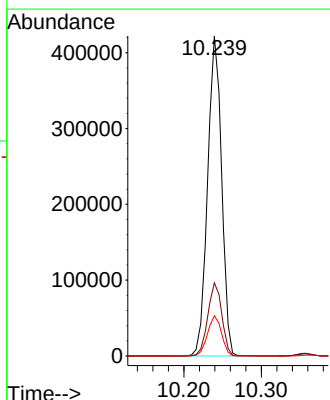
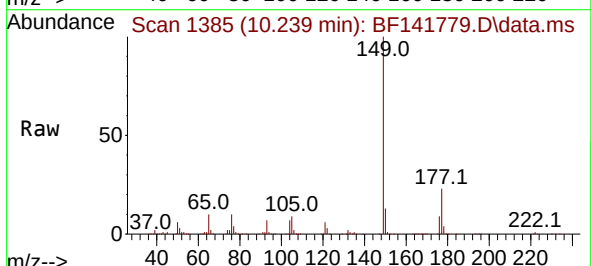
Instrument :
BNA_F
ClientSampleId :
PB166870BS

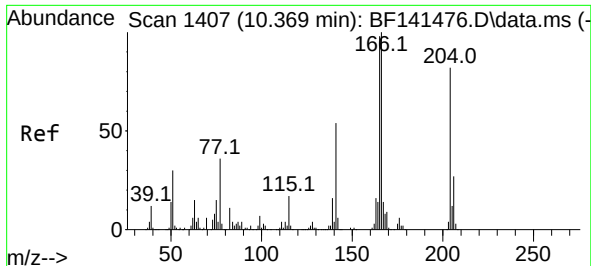
Tgt Ion:232 Resp: 138935
Ion Ratio Lower Upper
232 100
131 42.0 39.2 58.8
130 2.2 2.1 3.1
166 27.4 25.1 37.7



#60
Diethylphthalate
Concen: 42.991 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.018 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

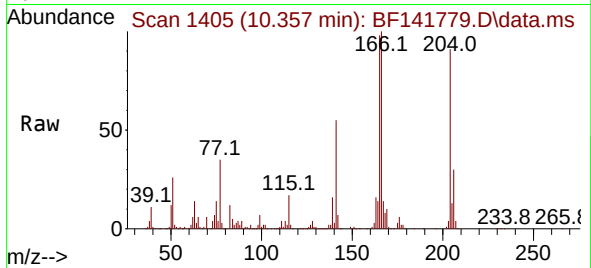
Tgt Ion:149 Resp: 528846
Ion Ratio Lower Upper
149 100
177 22.9 17.8 26.6
150 12.5 10.1 15.1



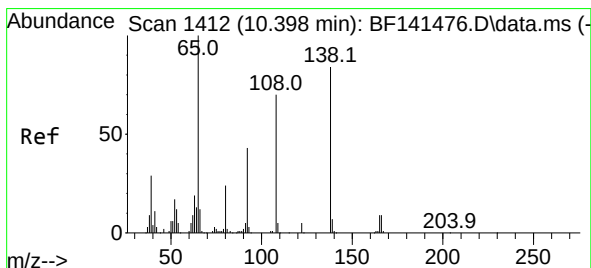
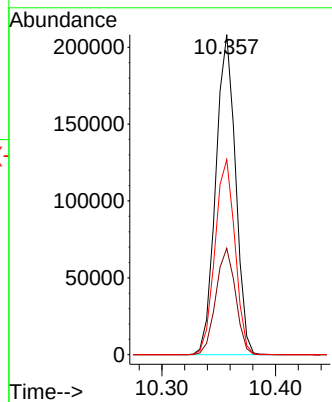
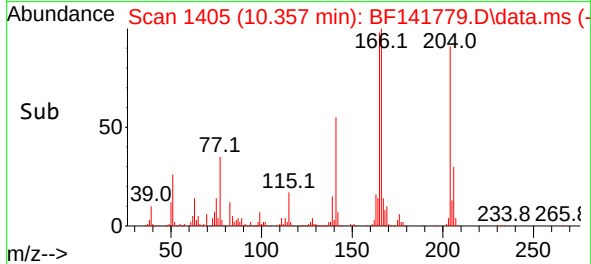


#61
4-Chlorophenyl-phenylether
Concen: 43.650 ng
RT: 10.357 min Scan# 1405
Delta R.T. -0.018 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

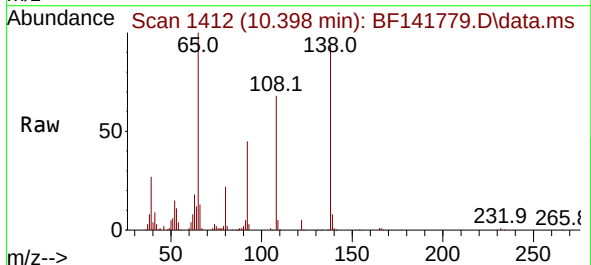
Instrument :
BNA_F
ClientSampleId :
PB166870BS



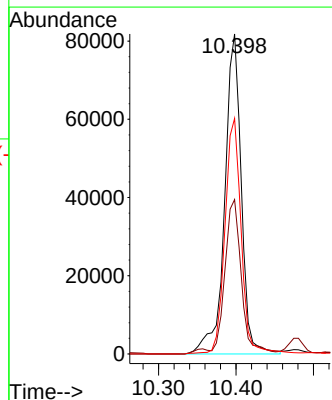
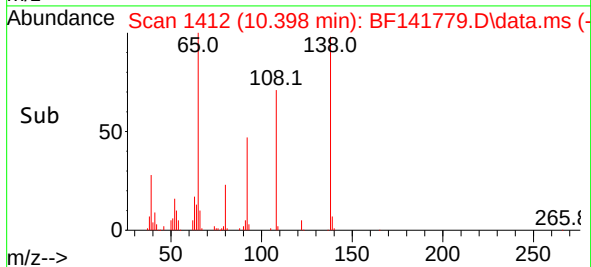
Tgt Ion:204 Resp: 251620
Ion Ratio Lower Upper
204 100
206 33.3 26.6 40.0
141 61.0 51.9 77.9

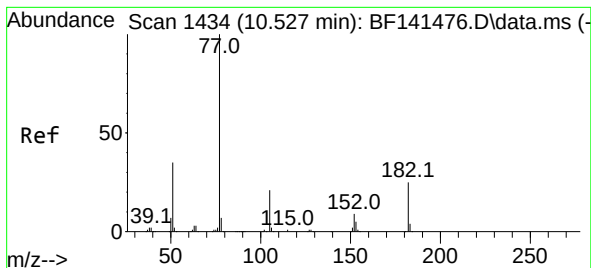


#62
4-Nitroaniline
Concen: 40.911 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26



Tgt Ion:138 Resp: 122204
Ion Ratio Lower Upper
138 100
92 48.2 31.3 71.3
108 73.6 63.7 103.7





#63

Azobenzene

Concen: 39.663 ng

RT: 10.516 min Scan# 1432

Delta R.T. -0.018 min

Lab File: BF141779.D

Acq: 26 Feb 2025 13:26

Instrument :

BNA_F

ClientSampleId :

PB166870BS

Tgt Ion: 77 Resp: 485037

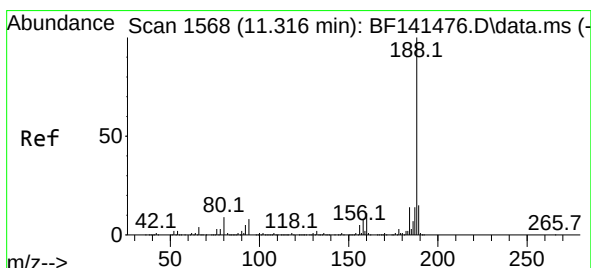
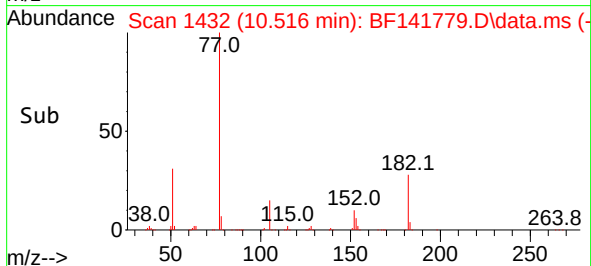
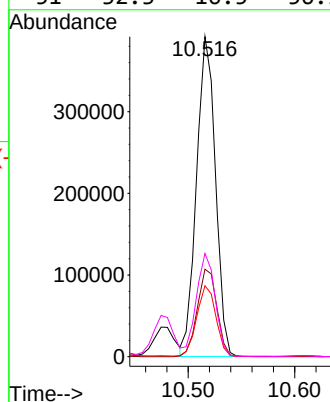
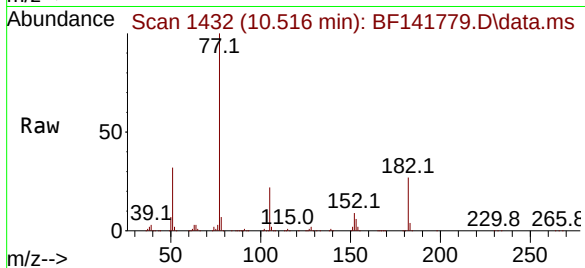
Ion Ratio Lower Upper

77 100

182 27.4 4.7 44.7

105 22.2 0.4 40.4

51 32.3 16.5 56.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1566

Delta R.T. -0.012 min

Lab File: BF141779.D

Acq: 26 Feb 2025 13:26

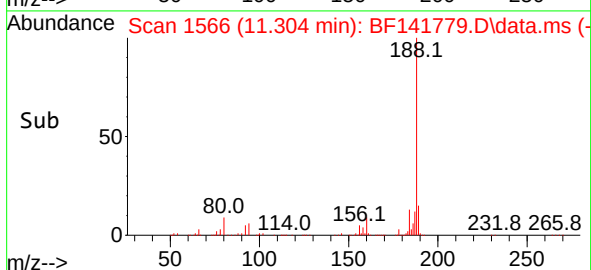
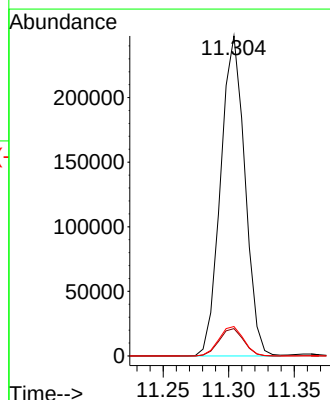
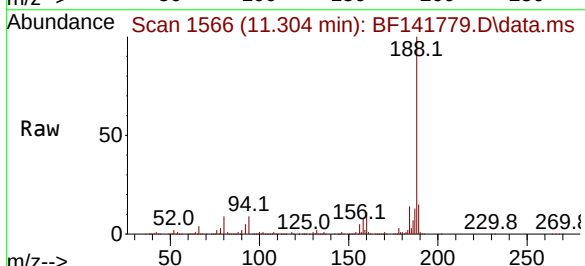
Tgt Ion: 188 Resp: 318764

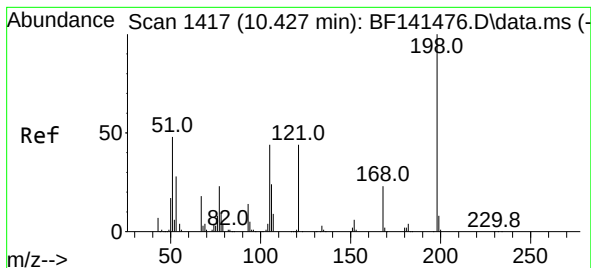
Ion Ratio Lower Upper

188 100

94 8.5 6.6 10.0

80 9.2 7.3 10.9

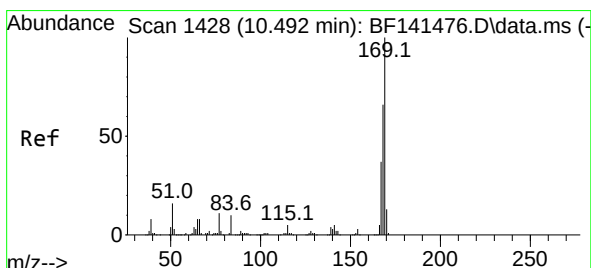
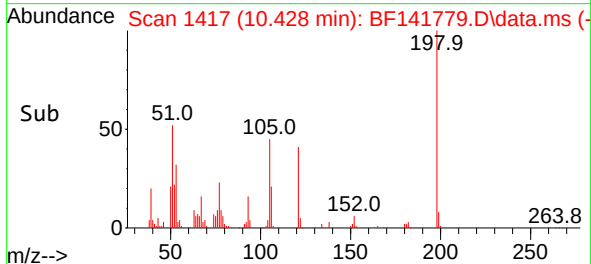
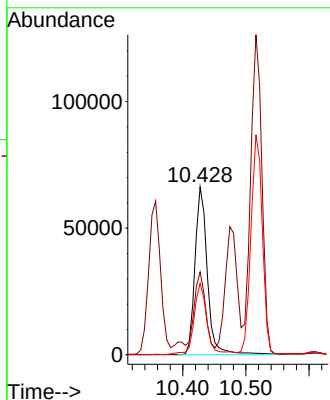
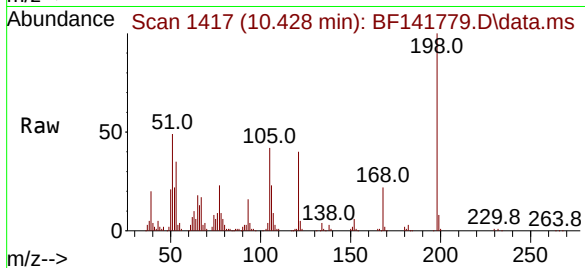




#65
4,6-Dinitro-2-methylphenol
Concen: 40.690 ng
RT: 10.428 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

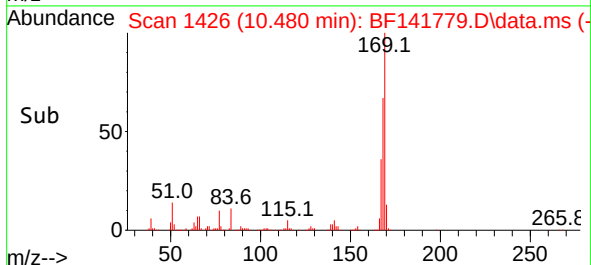
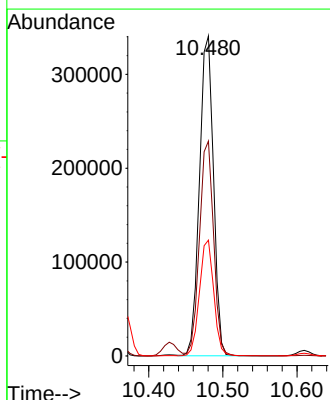
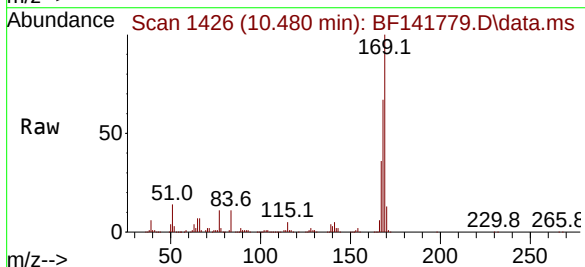
Instrument :
BNA_F
ClientSampleId :
PB166870BS

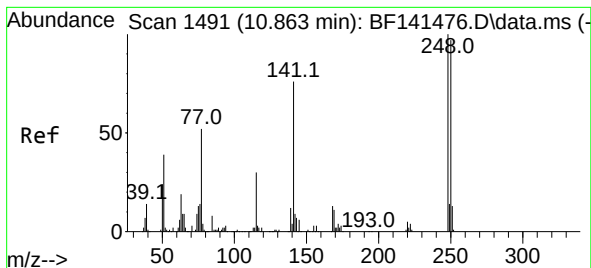
Tgt Ion:198 Resp: 90100
Ion Ratio Lower Upper
198 100
51 49.3 37.4 77.4
105 42.4 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 43.772 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.018 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

Tgt Ion:169 Resp: 446646
Ion Ratio Lower Upper
169 100
168 67.1 53.3 79.9
167 36.2 29.4 44.2

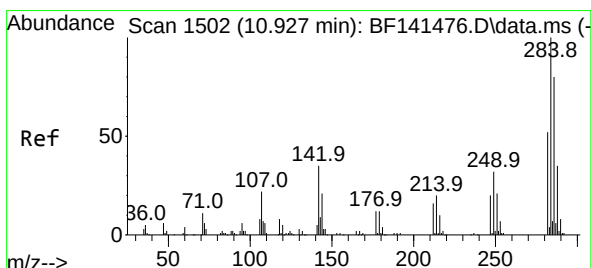
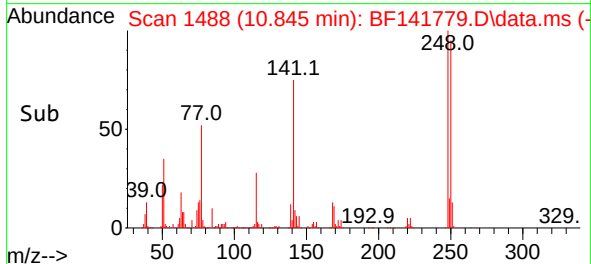
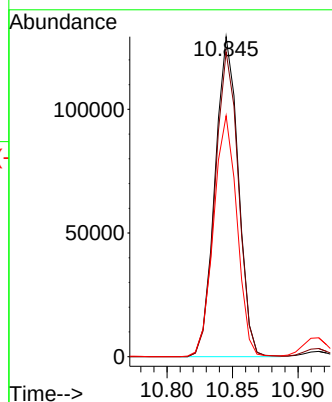
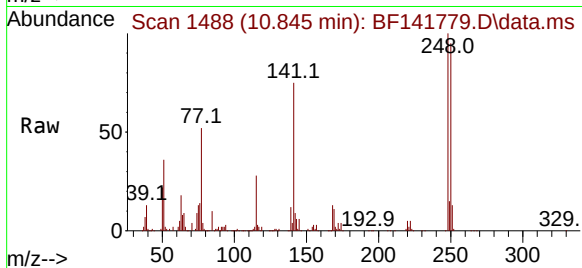




#67
4-Bromophenyl-phenylether
Concen: 44.922 ng
RT: 10.845 min Scan# 1488
Delta R.T. -0.018 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

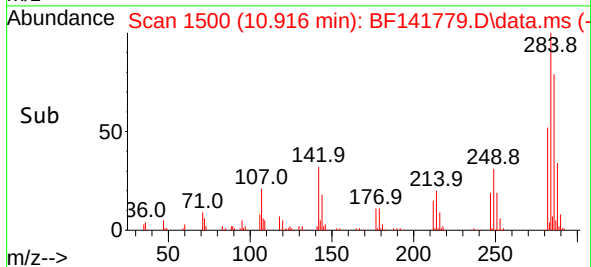
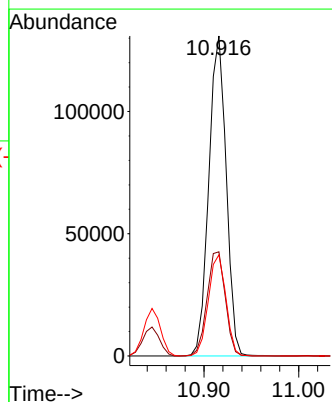
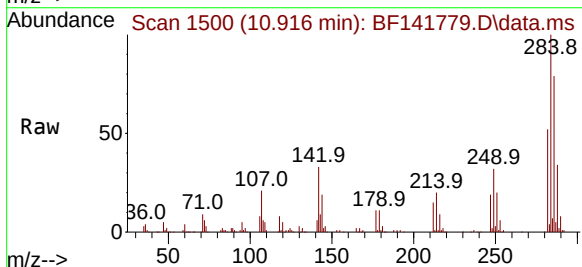
Instrument :
BNA_F
ClientSampleId :
PB166870BS

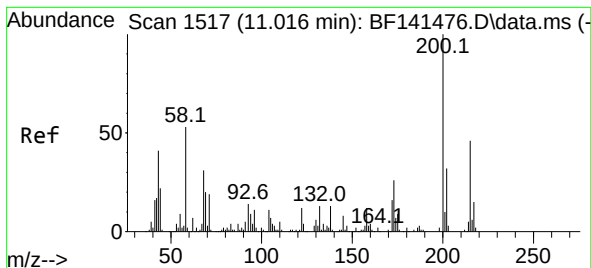
Tgt Ion:248 Resp: 160039
Ion Ratio Lower Upper
248 100
250 95.3 77.8 116.6
141 75.3 60.6 90.8



#68
Hexachlorobenzene
Concen: 45.472 ng
RT: 10.916 min Scan# 1500
Delta R.T. -0.012 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

Tgt Ion:284 Resp: 166815
Ion Ratio Lower Upper
284 100
142 32.6 28.0 42.0
249 31.6 25.8 38.8





#69

Atrazine

Concen: 58.015 ng

RT: 11.010 min Scan# 1516

Delta R.T. -0.012 min

Lab File: BF141779.D

Acq: 26 Feb 2025 13:26

Instrument :

BNA_F

ClientSampleId :

PB166870BS

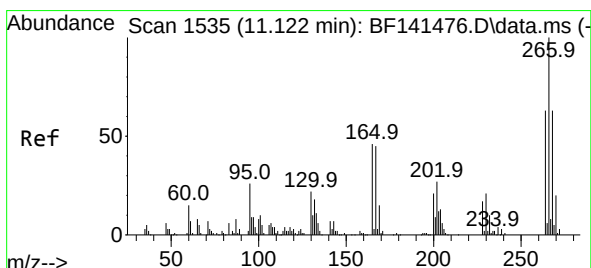
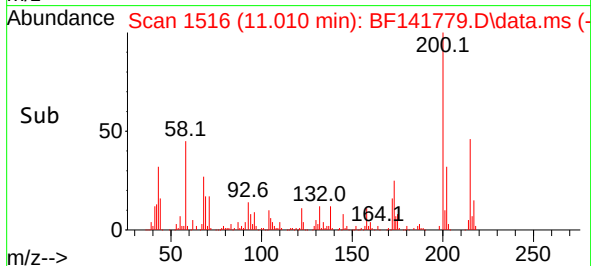
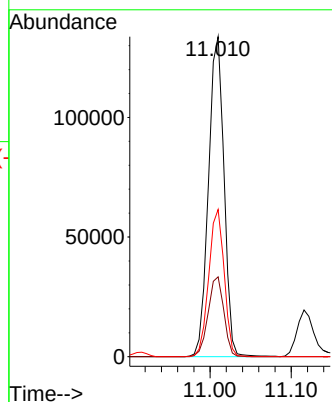
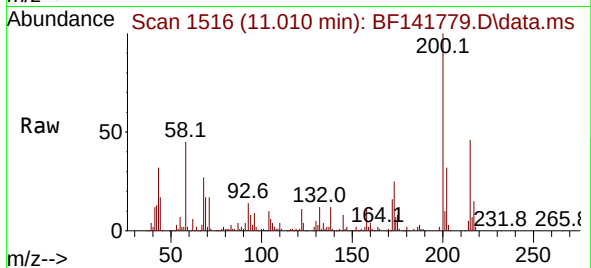
Tgt Ion:200 Resp: 177595

Ion Ratio Lower Upper

200 100

173 25.0 5.9 45.9

215 46.0 25.9 65.9



#70

Pentachlorophenol

Concen: 69.776 ng

RT: 11.116 min Scan# 1534

Delta R.T. -0.012 min

Lab File: BF141779.D

Acq: 26 Feb 2025 13:26

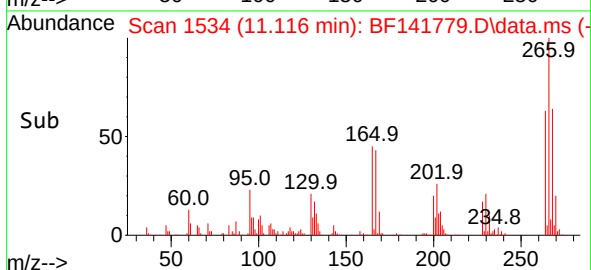
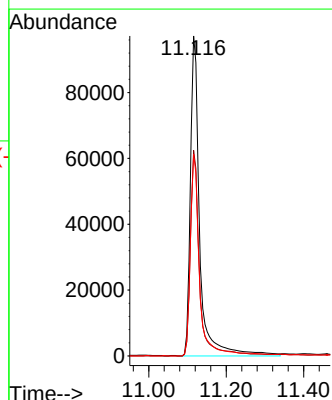
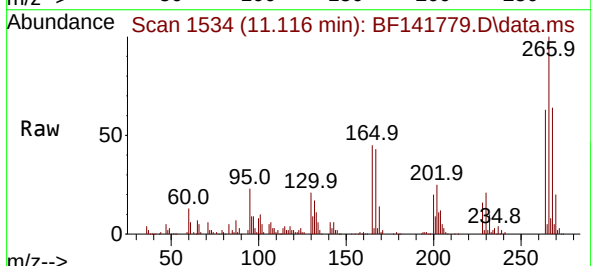
Tgt Ion:266 Resp: 163676

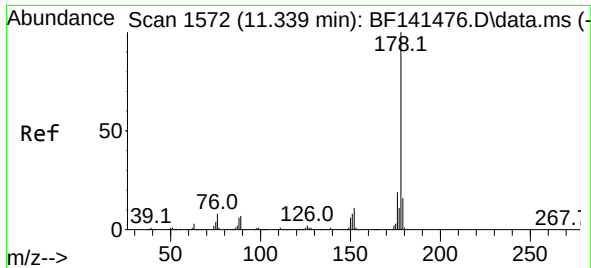
Ion Ratio Lower Upper

266 100

268 64.2 50.1 75.1

264 63.1 50.1 75.1

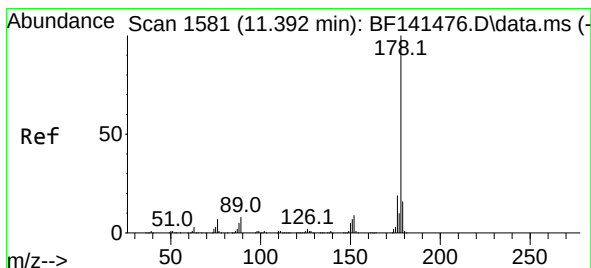
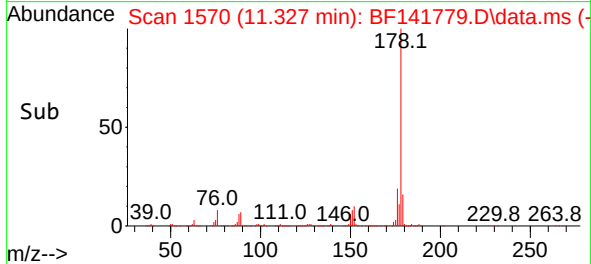
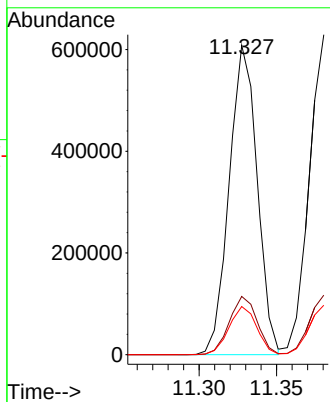
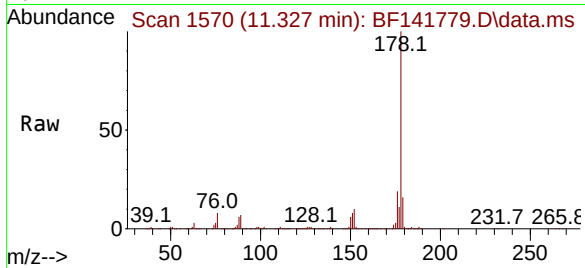




#71
Phenanthrene
Concen: 43.533 ng
RT: 11.327 min Scan# 1572
Delta R.T. -0.018 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

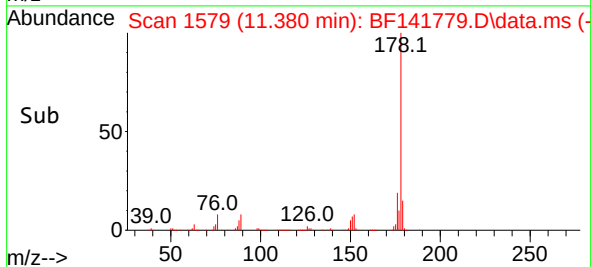
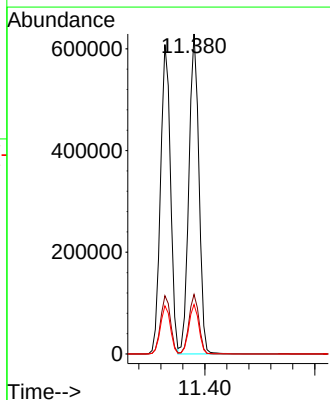
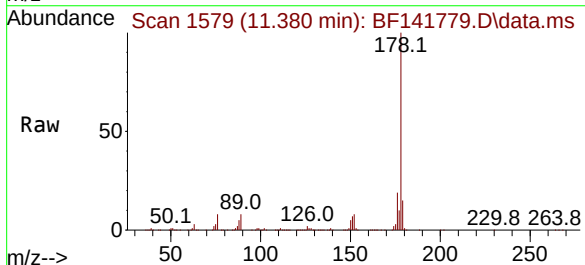
Instrument :
BNA_F
ClientSampleId :
PB166870BS

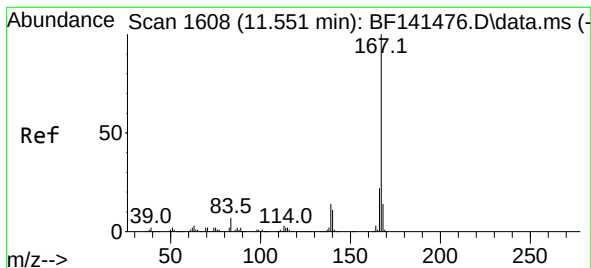
Tgt Ion:178 Resp: 763853
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.6 12.4 18.6



#72
Anthracene
Concen: 45.028 ng
RT: 11.380 min Scan# 1579
Delta R.T. -0.018 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

Tgt Ion:178 Resp: 794235
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.4 12.4 18.6





#73

Carbazole

Concen: 42.745 ng

RT: 11.539 min Scan# 1606

Delta R.T. -0.012 min

Lab File: BF141779.D

Acq: 26 Feb 2025 13:26

Instrument :

BNA_F

ClientSampleId :

PB166870BS

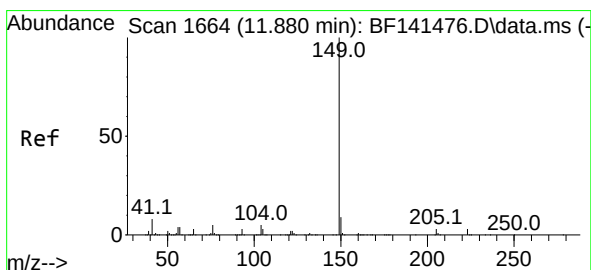
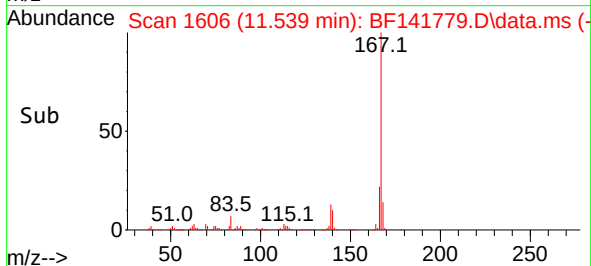
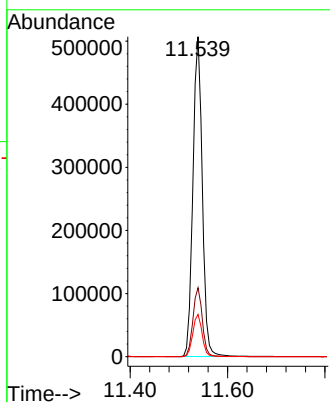
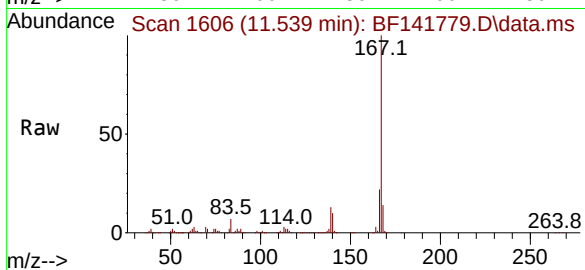
Tgt Ion:167 Resp: 678398

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.2

139 13.2 10.9 16.3



#74

Di-n-butylphthalate

Concen: 45.315 ng

RT: 11.863 min Scan# 1661

Delta R.T. -0.018 min

Lab File: BF141779.D

Acq: 26 Feb 2025 13:26

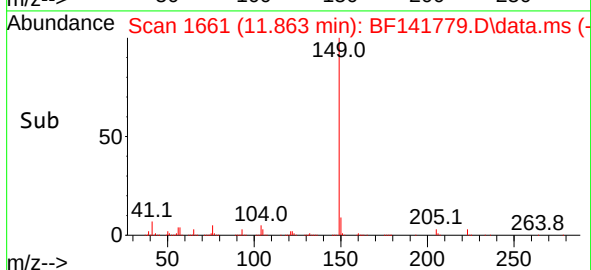
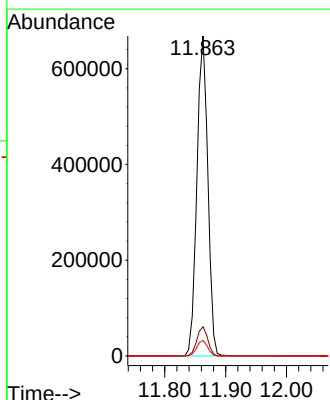
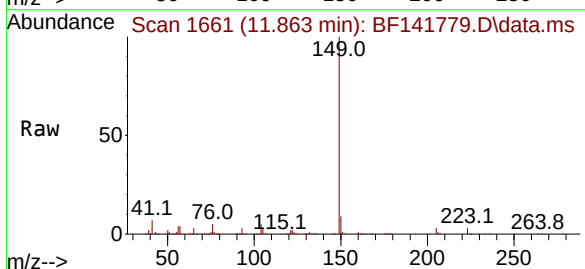
Tgt Ion:149 Resp: 830425

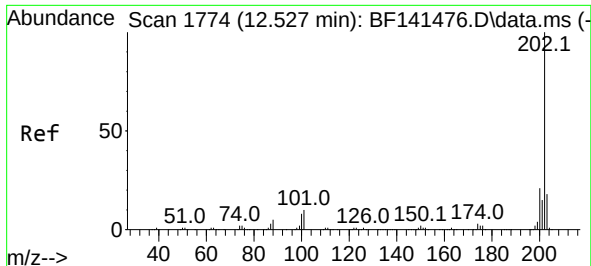
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 4.9 4.2 6.2

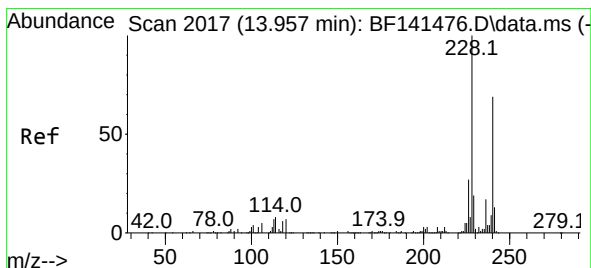
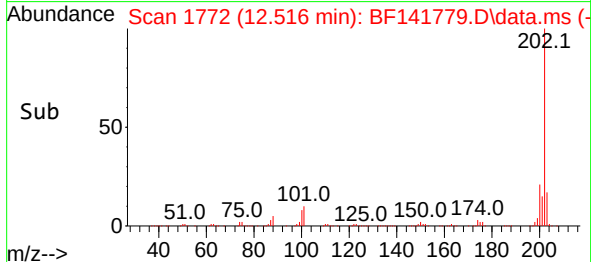
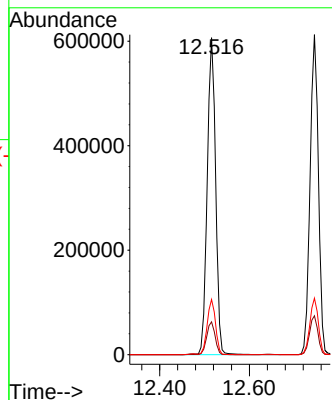
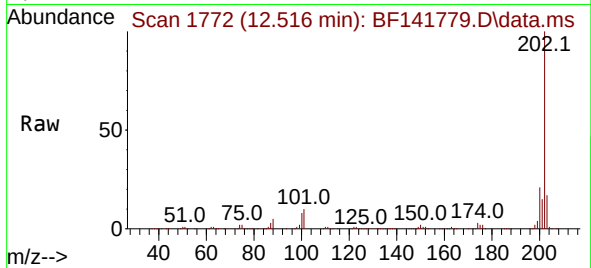




#75
Fluoranthene
Concen: 42.262 ng
RT: 12.516 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

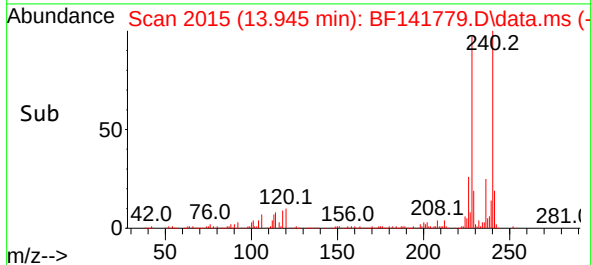
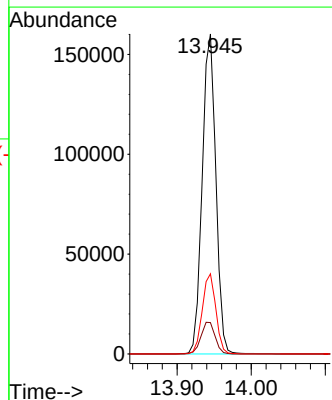
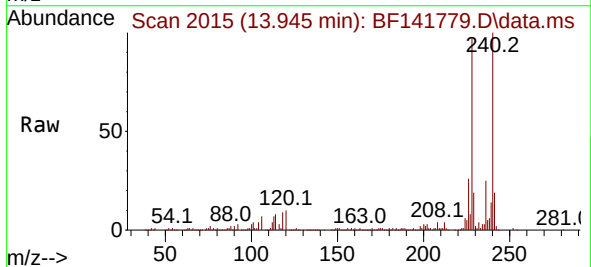
Instrument :
BNA_F
ClientSampleId :
PB166870BS

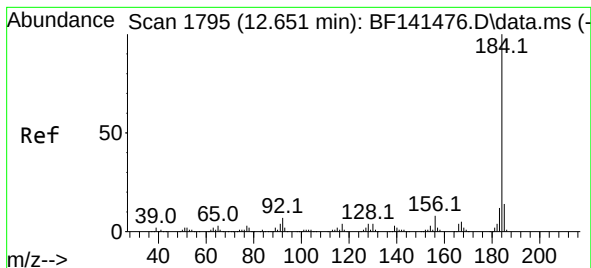
Tgt Ion:202 Resp: 786182
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.2
203 17.4 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.018 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

Tgt Ion:240 Resp: 204697
Ion Ratio Lower Upper
240 100
120 9.8 8.0 12.0
236 25.1 19.8 29.8





#77

Benzidine

Concen: 48.577 ng

RT: 12.639 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141779.D

Acq: 26 Feb 2025 13:26

Instrument :

BNA_F

ClientSampleId :

PB166870BS

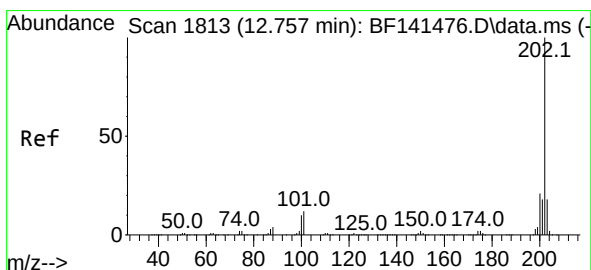
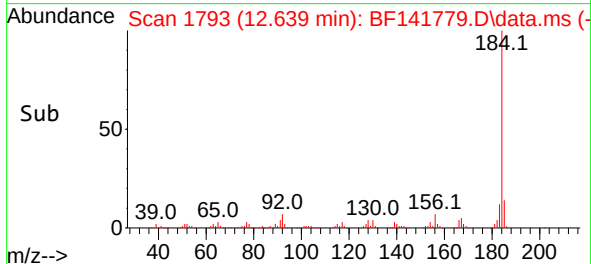
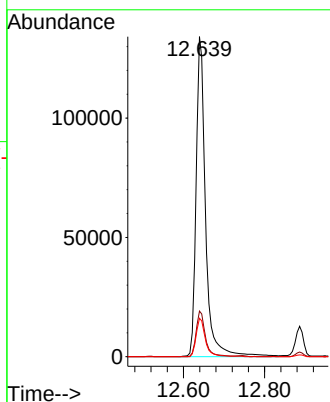
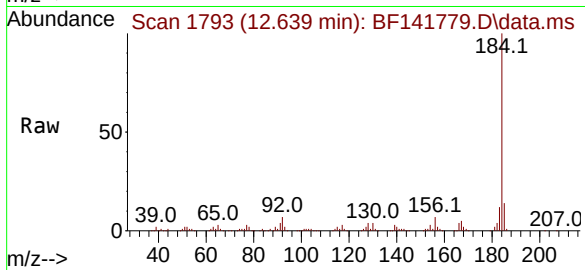
Tgt Ion:184 Resp: 219297

Ion Ratio Lower Upper

184 100

185 14.2 11.3 16.9

183 12.0 9.3 13.9



#78

Pyrene

Concen: 45.315 ng

RT: 12.745 min Scan# 1811

Delta R.T. -0.018 min

Lab File: BF141779.D

Acq: 26 Feb 2025 13:26

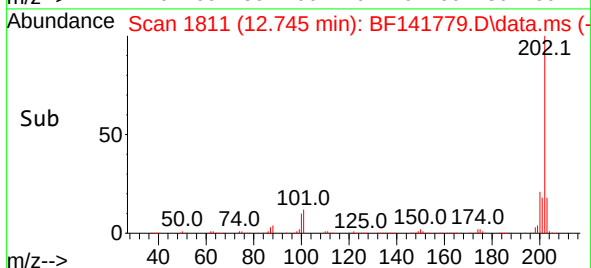
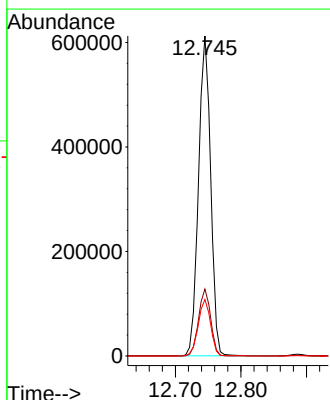
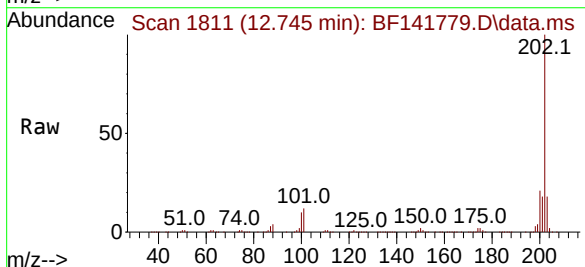
Tgt Ion:202 Resp: 789622

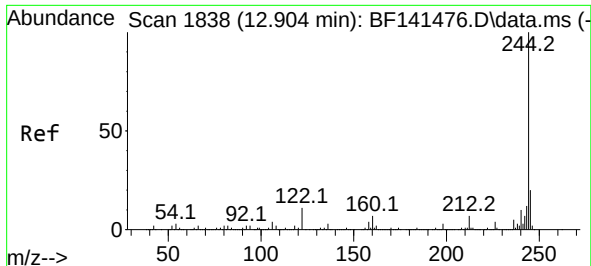
Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.4

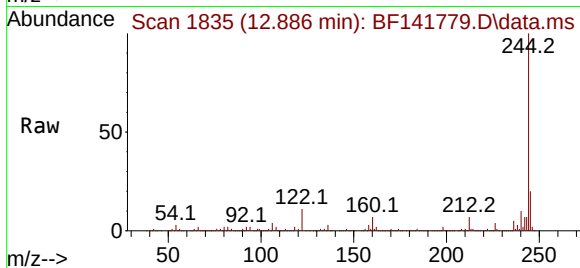
203 17.6 14.3 21.5



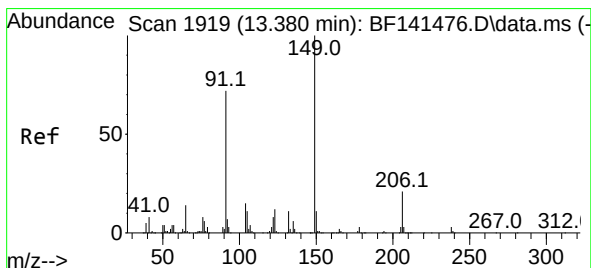
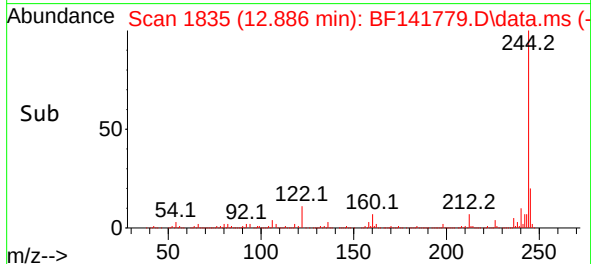
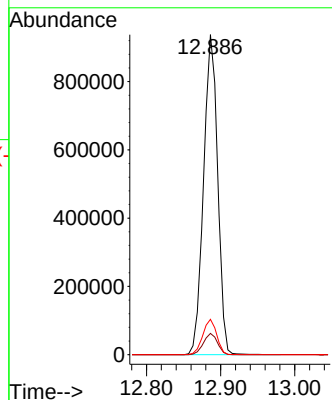


#79
 Terphenyl-d14
 Concen: 102.237 ng
 RT: 12.886 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: BF141779.D
 Acq: 26 Feb 2025 13:26

Instrument :
 BNA_F
 ClientSampleId :
 PB166870BS

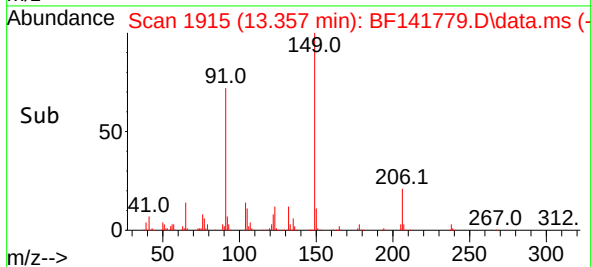
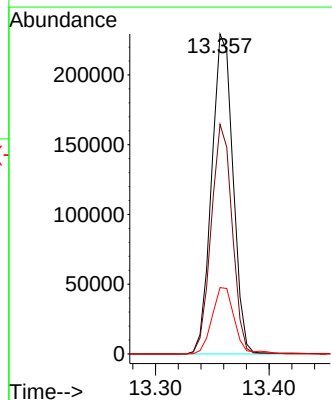
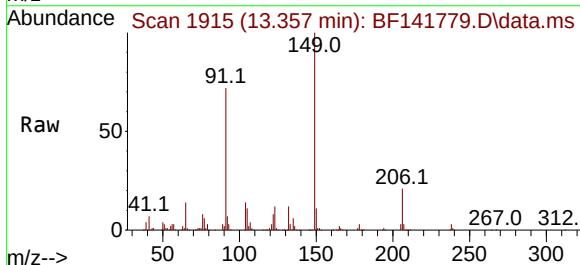


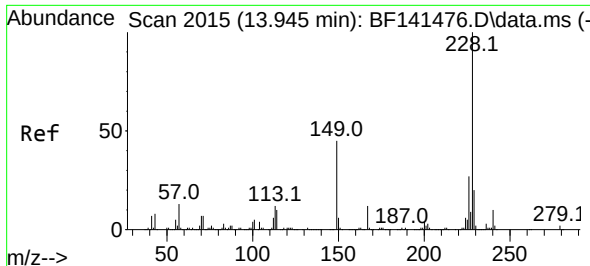
Tgt Ion:244 Resp: 1239656
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 11.1 8.4 12.6



#80
 Butylbenzylphthalate
 Concen: 49.692 ng
 RT: 13.357 min Scan# 1915
 Delta R.T. -0.023 min
 Lab File: BF141779.D
 Acq: 26 Feb 2025 13:26

Tgt Ion:149 Resp: 299921
 Ion Ratio Lower Upper
 149 100
 91 71.8 57.8 86.8
 206 20.8 16.7 25.1

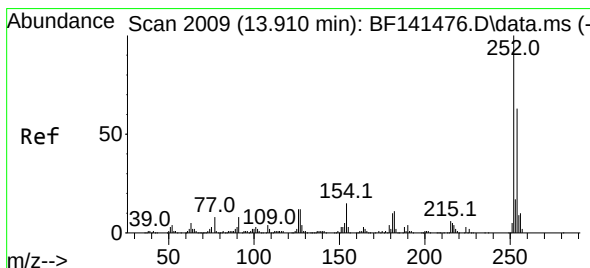
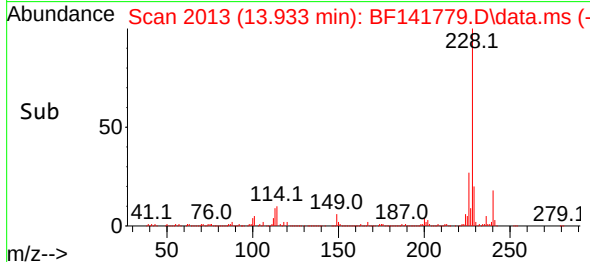
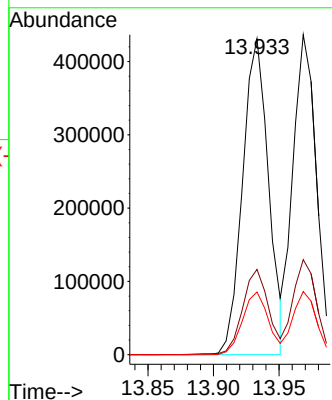
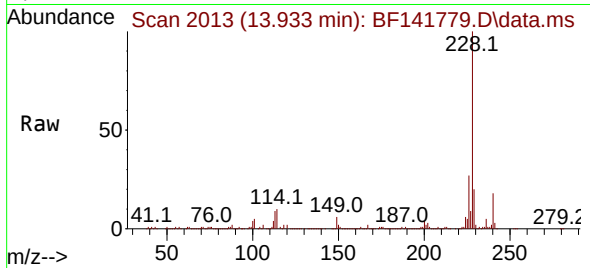




#81
Benzo(a)anthracene
Concen: 43.653 ng
RT: 13.933 min Scan# 2015
Delta R.T. -0.018 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

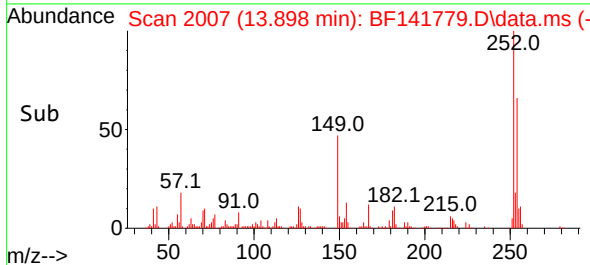
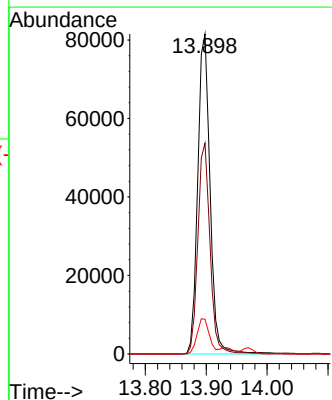
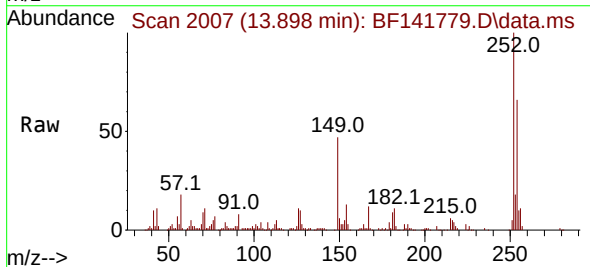
Instrument :
BNA_F
ClientSampleId :
PB166870BS

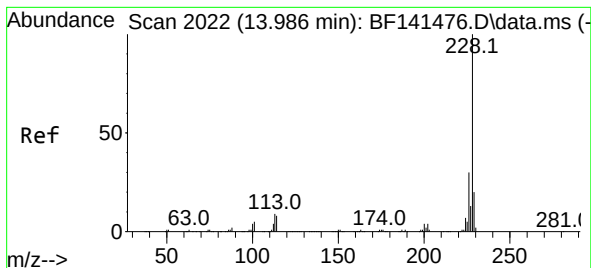
Tgt Ion:228 Resp: 593989
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.9 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 29.352 ng
RT: 13.898 min Scan# 2007
Delta R.T. -0.018 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

Tgt Ion:252 Resp: 114409
Ion Ratio Lower Upper
252 100
254 65.9 50.6 76.0
126 10.9 9.3 13.9





#83

Chrysene

Concen: 43.080 ng

RT: 13.968 min Scan# 2010

Delta R.T. -0.023 min

Lab File: BF141779.D

Acq: 26 Feb 2025 13:26

Instrument :

BNA_F

ClientSampleId :

PB166870BS

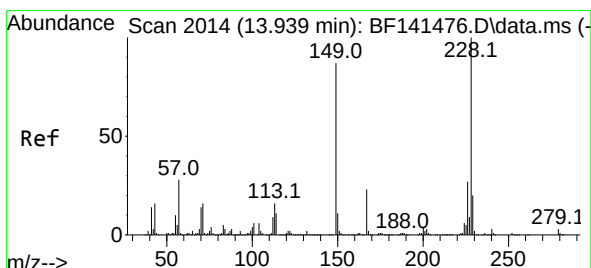
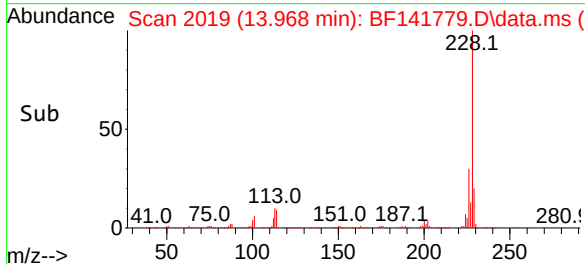
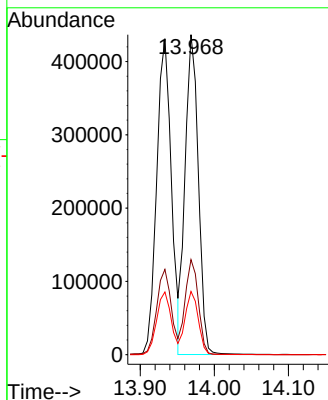
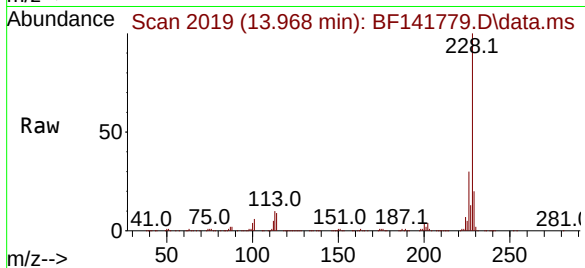
Tgt Ion:228 Resp: 541257

Ion Ratio Lower Upper

228 100

226 29.7 24.0 36.0

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.657 ng

RT: 13.916 min Scan# 2010

Delta R.T. -0.023 min

Lab File: BF141779.D

Acq: 26 Feb 2025 13:26

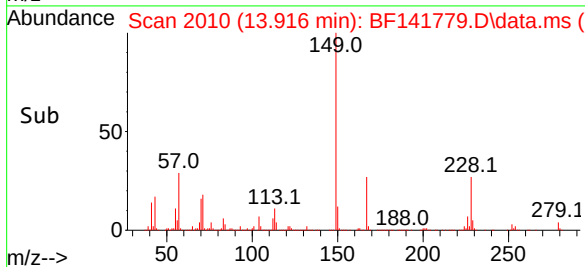
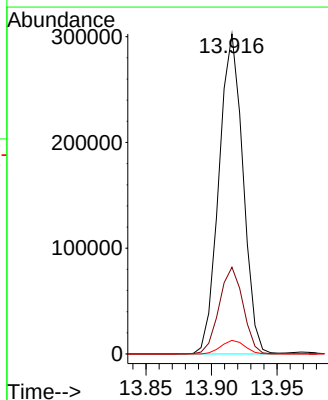
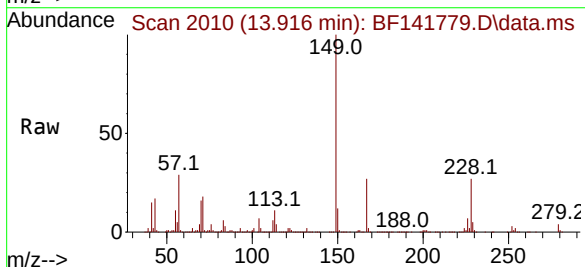
Tgt Ion:149 Resp: 385680

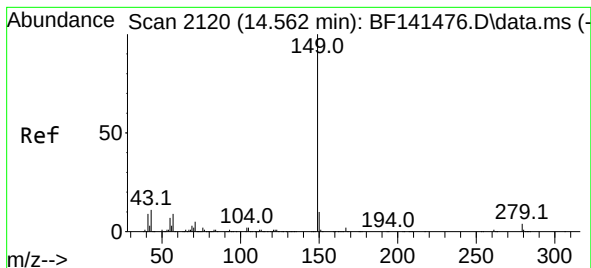
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 4.2 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 57.930 ng

RT: 14.527 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF141779.D

Acq: 26 Feb 2025 13:26

Instrument :

BNA_F

ClientSampleId :

PB166870BS

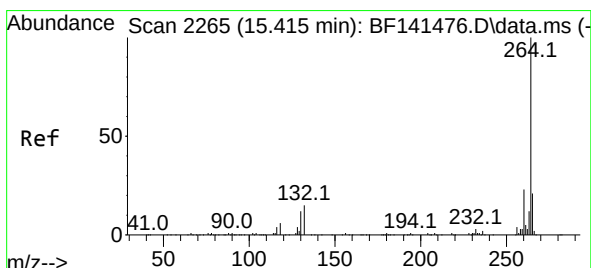
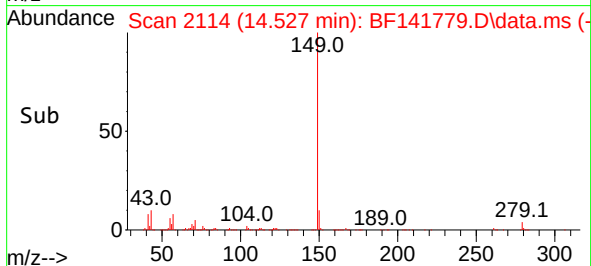
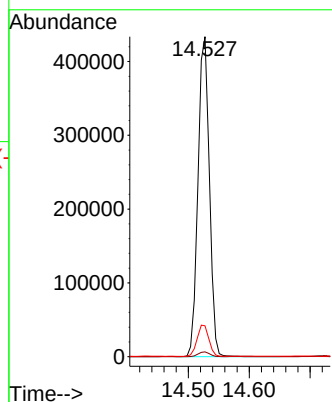
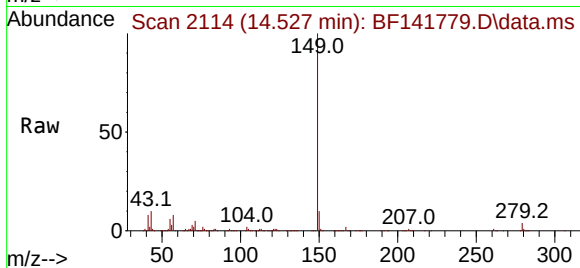
Tgt Ion:149 Resp: 562563

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 10.1 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.386 min Scan# 2260

Delta R.T. -0.029 min

Lab File: BF141779.D

Acq: 26 Feb 2025 13:26

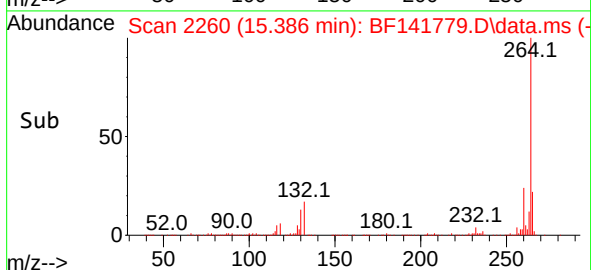
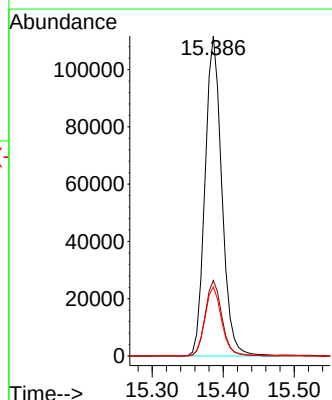
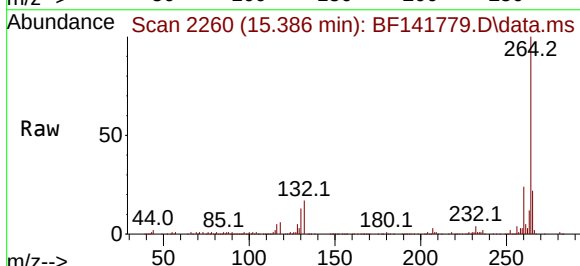
Tgt Ion:264 Resp: 183683

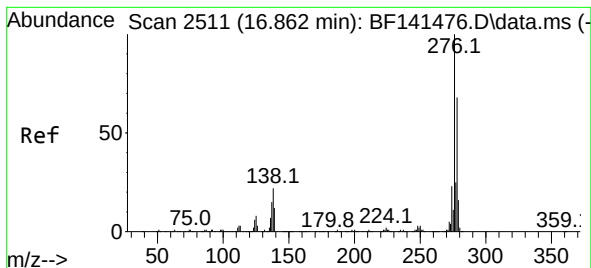
Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 21.6 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.839 ng

RT: 16.827 min Scan# 2189

Delta R.T. -0.047 min

Lab File: BF141779.D

Acq: 26 Feb 2025 13:26

Instrument :

BNA_F

ClientSampleId :

PB166870BS

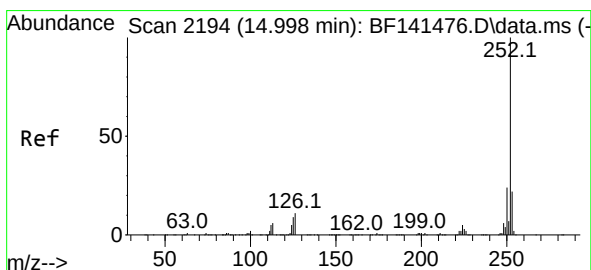
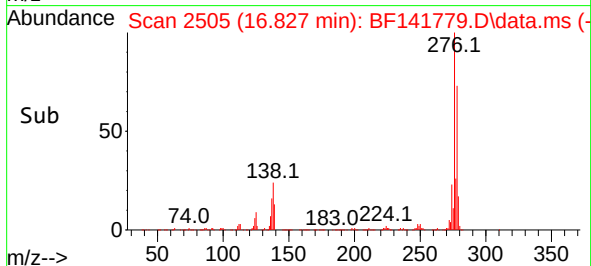
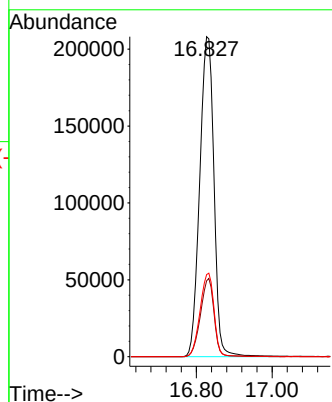
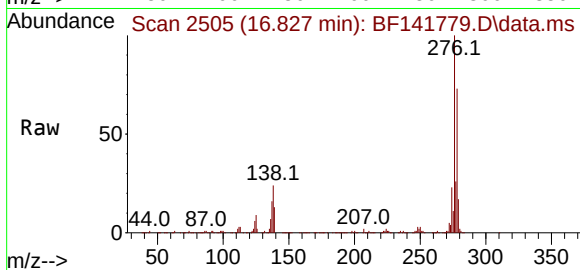
Tgt Ion:276 Resp: 542957

Ion Ratio Lower Upper

276 100

138 23.3 18.0 27.0

277 25.6 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 44.238 ng

RT: 14.968 min Scan# 2189

Delta R.T. -0.035 min

Lab File: BF141779.D

Acq: 26 Feb 2025 13:26

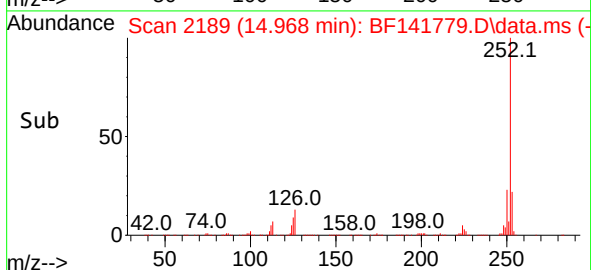
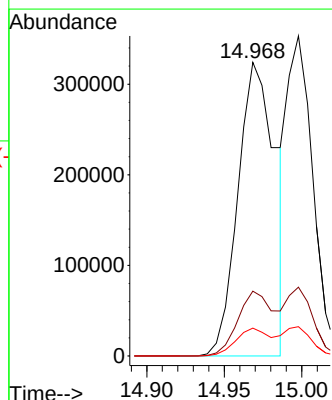
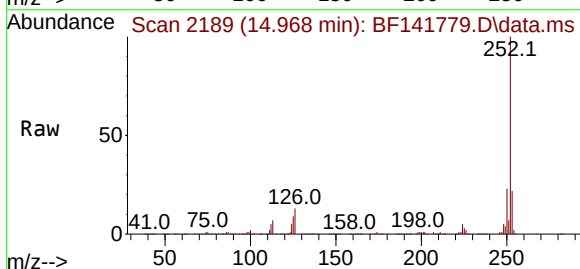
Tgt Ion:252 Resp: 545602

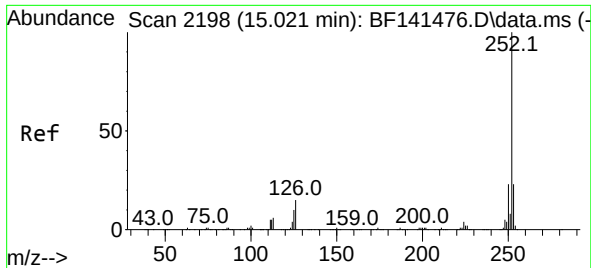
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 9.5 7.0 10.6

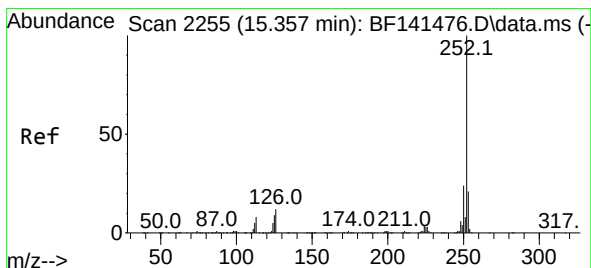
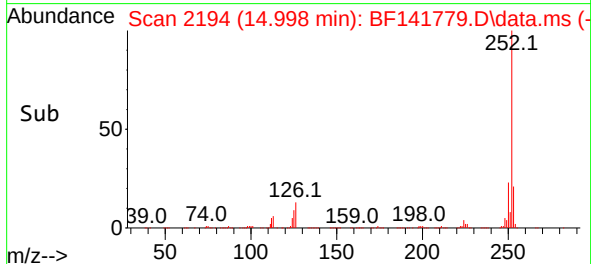
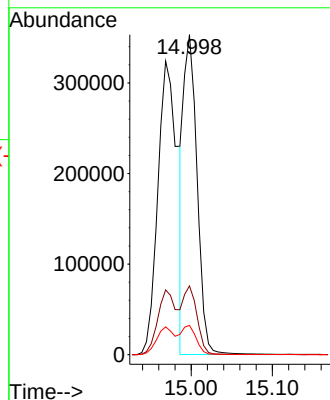
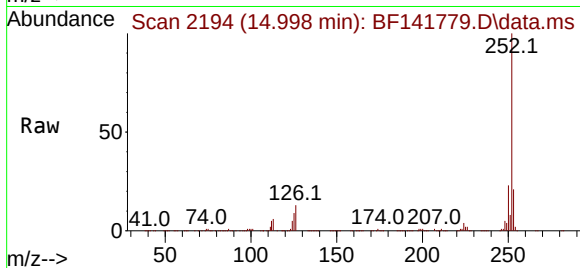




#89
Benzo(k)fluoranthene
Concen: 38.804 ng
RT: 14.998 min Scan# 2198
Delta R.T. -0.035 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

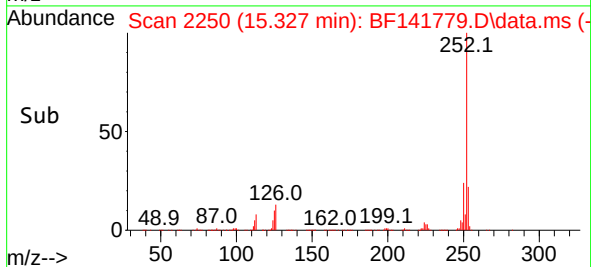
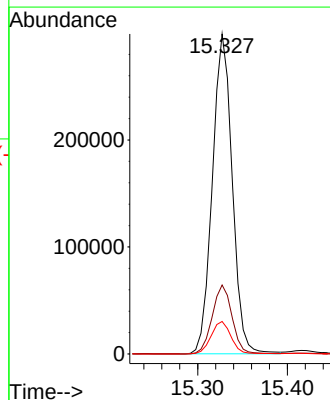
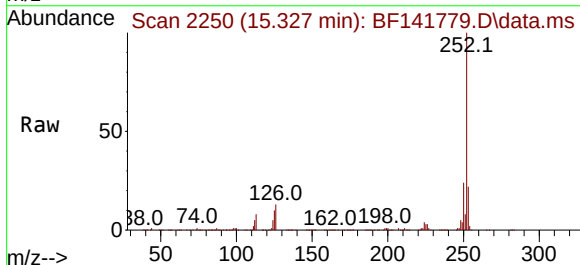
Instrument :
BNA_F
ClientSampleId :
PB166870BS

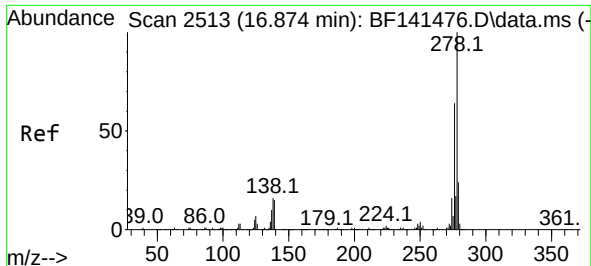
Tgt Ion:252 Resp: 408670
Ion Ratio Lower Upper
252 100
253 21.5 18.0 27.0
125 9.1 7.4 11.0



#90
Benzo(a)pyrene
Concen: 46.086 ng
RT: 15.327 min Scan# 2250
Delta R.T. -0.035 min
Lab File: BF141779.D
Acq: 26 Feb 2025 13:26

Tgt Ion:252 Resp: 459925
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 10.2 7.4 11.2

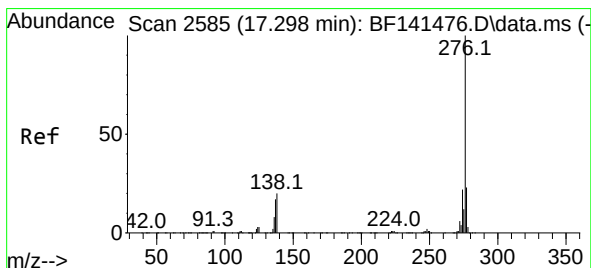
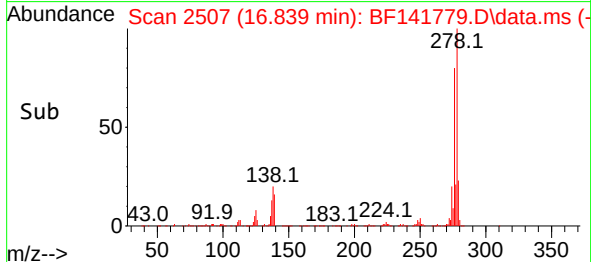
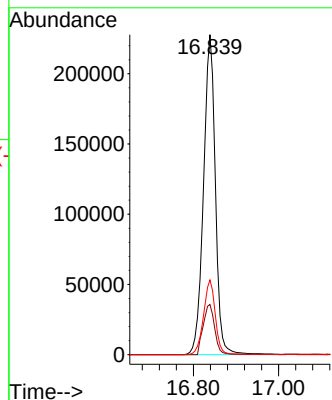
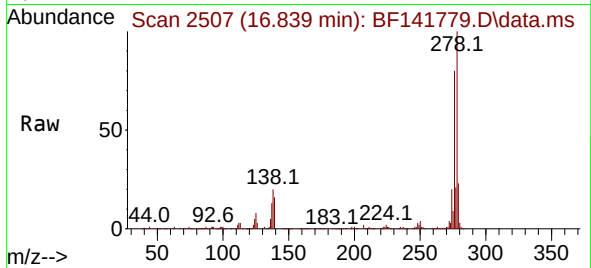




#91
 Dibenzo(a,h)anthracene
 Concen: 47.943 ng
 RT: 16.839 min Scan# 2507
 Delta R.T. -0.053 min
 Lab File: BF141779.D
 Acq: 26 Feb 2025 13:26

Instrument :
 BNA_F
 ClientSampleId :
 PB166870BS

Tgt Ion:278 Resp: 440906
 Ion Ratio Lower Upper
 278 100
 139 15.7 11.8 17.6
 279 23.3 19.1 28.7



#92
 Benzo(g,h,i)perylene
 Concen: 44.091 ng
 RT: 17.262 min Scan# 2579
 Delta R.T. -0.053 min
 Lab File: BF141779.D
 Acq: 26 Feb 2025 13:26

Tgt Ion:276 Resp: 424315
 Ion Ratio Lower Upper
 276 100
 277 23.4 18.6 28.0
 138 19.9 15.9 23.9

